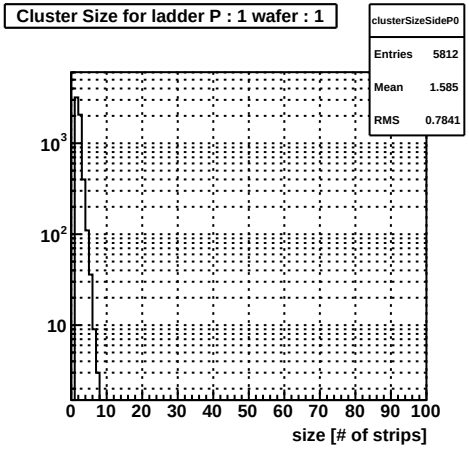
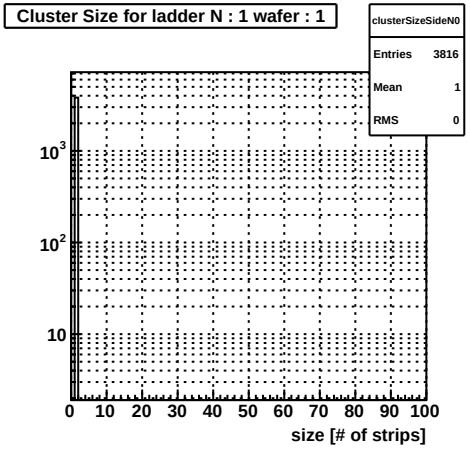
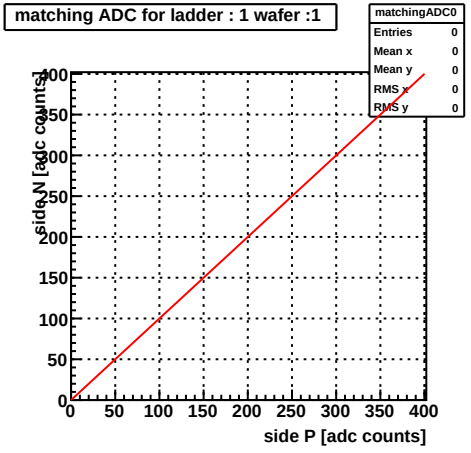
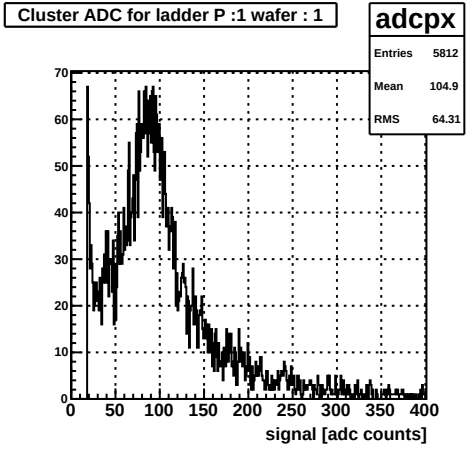
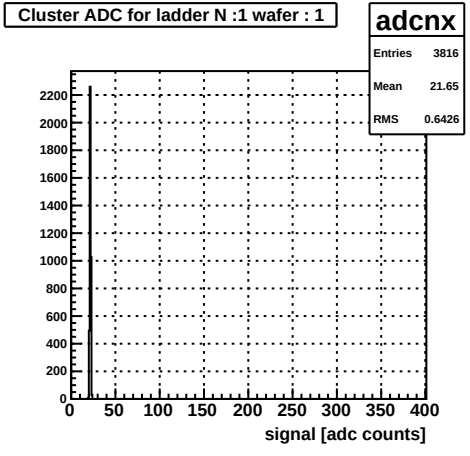
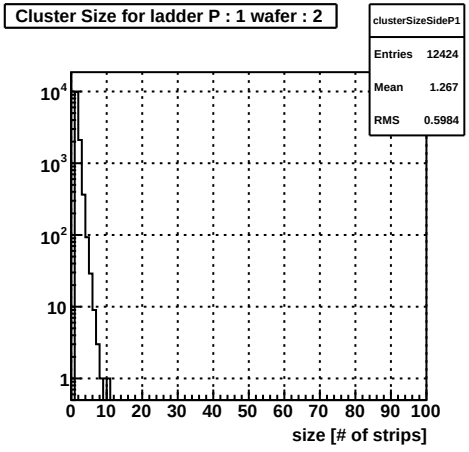

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 5812
Mean 1.585
RMS 0.7841
size [# of strips]

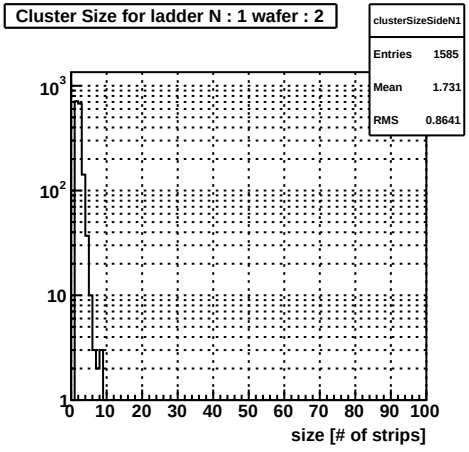

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3816
Mean 1
RMS 0
size [# of strips]

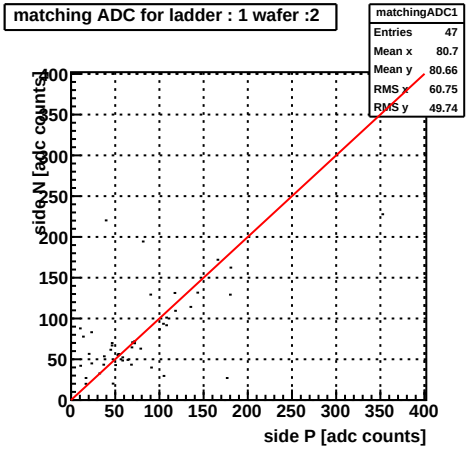

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

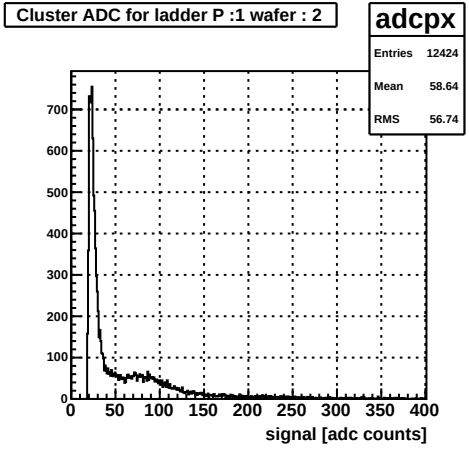

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 5812
Mean 104.9
RMS 64.31
signal [adc counts]

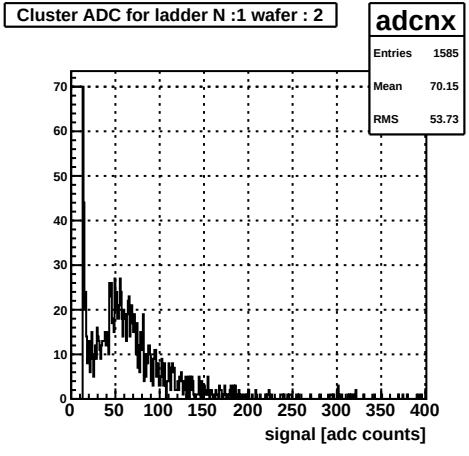

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3816
Mean 21.65
RMS 0.6426
signal [adc counts]

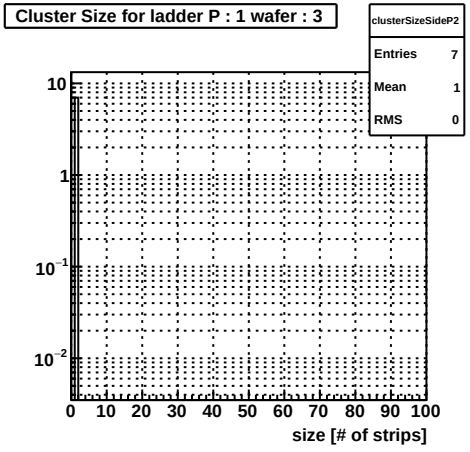

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 12424
Mean 1.267
RMS 0.5984
size [# of strips]

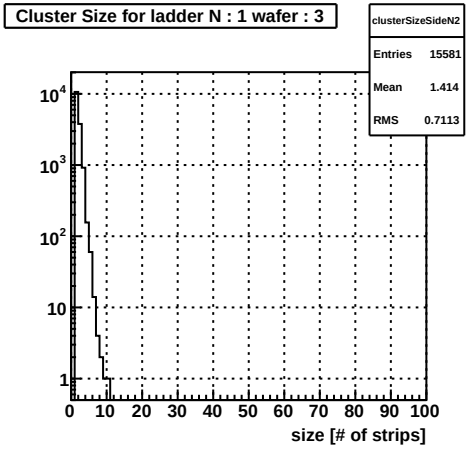

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 1585
Mean 1.731
RMS 0.8641
size [# of strips]

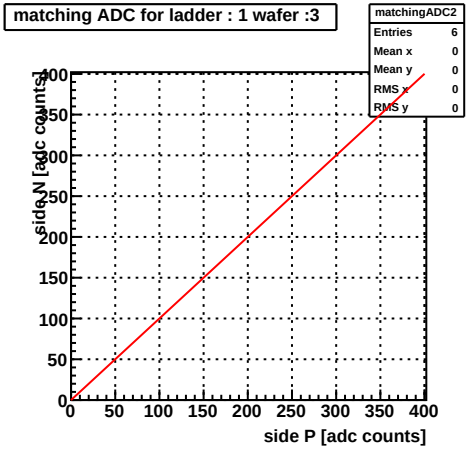

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 47
Mean x 80.7
Mean y 80.66
RMS x 60.75
RMS y 49.74
side N [adc counts]
side P [adc counts]

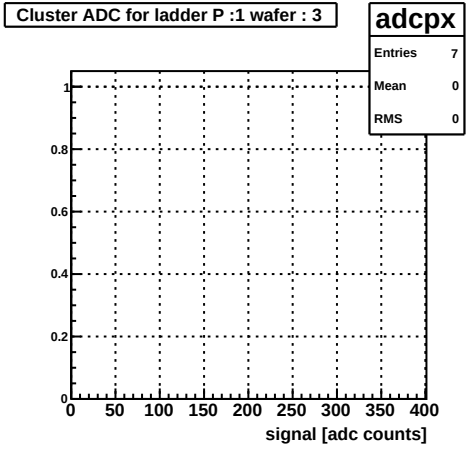

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 12424
Mean 58.64
RMS 56.74
signal [adc counts]

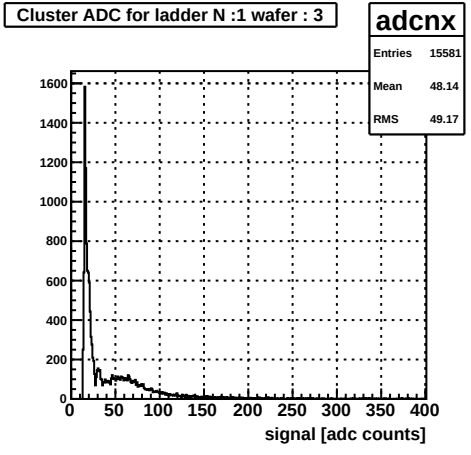

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 1585
Mean 70.15
RMS 53.73
signal [adc counts]

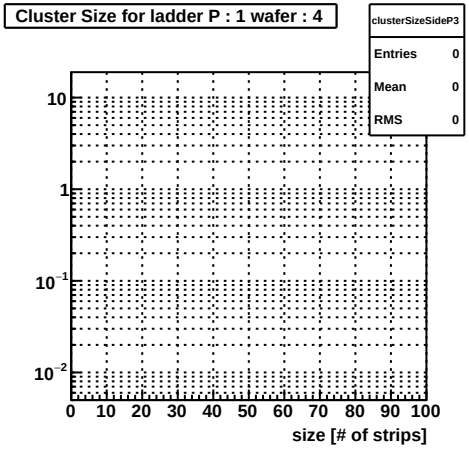

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 7
Mean 1
RMS 0
size [# of strips]

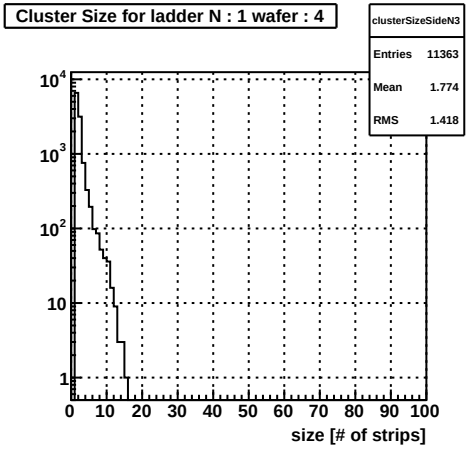

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 15581
Mean 1.414
RMS 0.7113
size [# of strips]

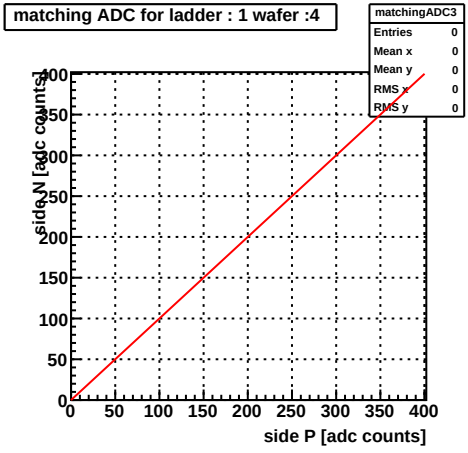

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

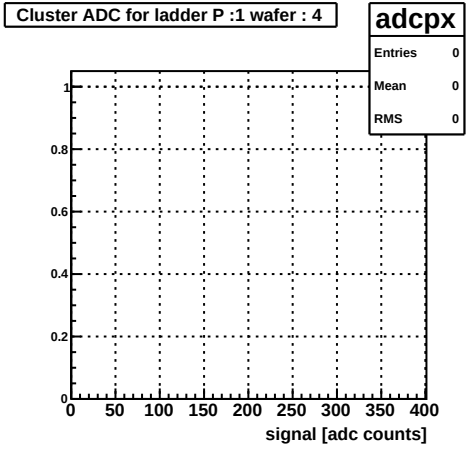

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

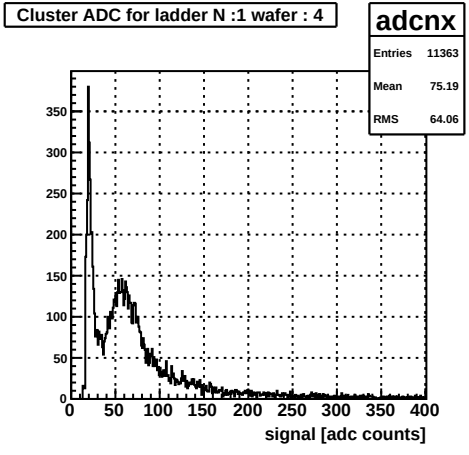

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 15581
Mean 48.14
RMS 49.17
signal [adc counts]

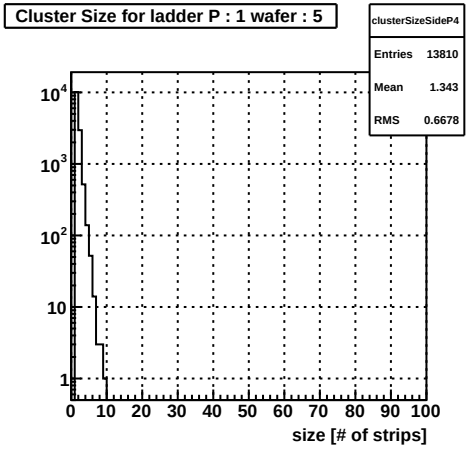

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

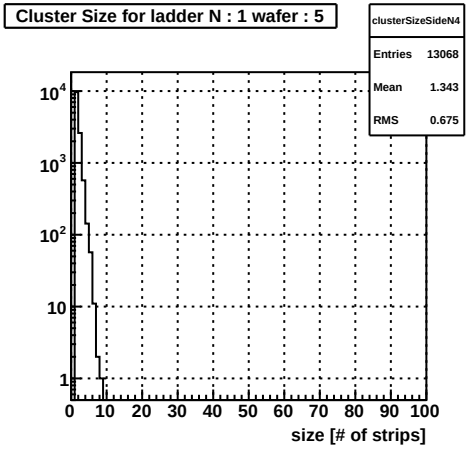

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 11363
Mean 1.774
RMS 1.418
size [# of strips]

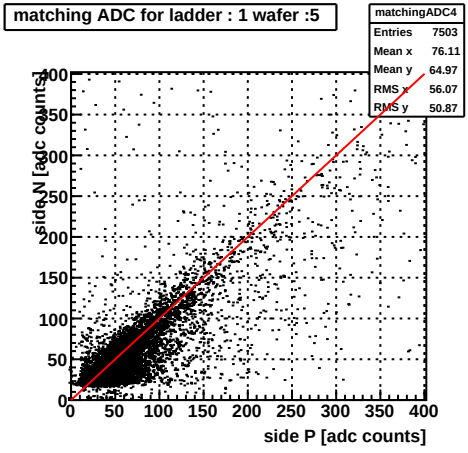

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

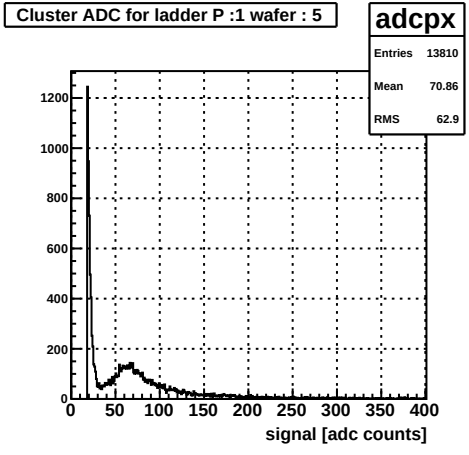

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

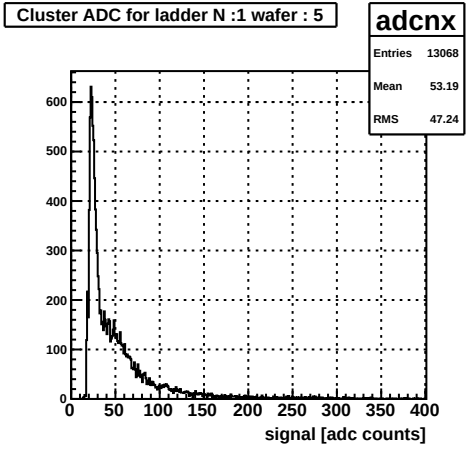

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 11363
Mean 75.19
RMS 64.06
signal [adc counts]

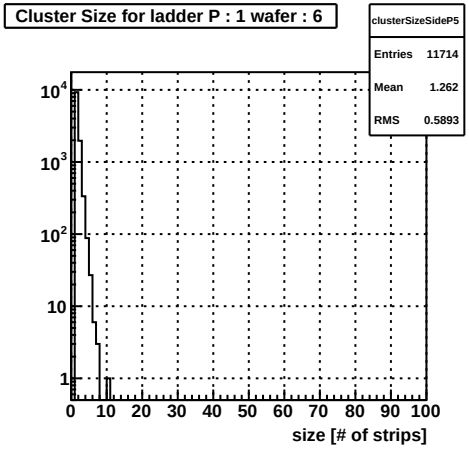

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 13810
Mean 1.343
RMS 0.6678
size [# of strips]

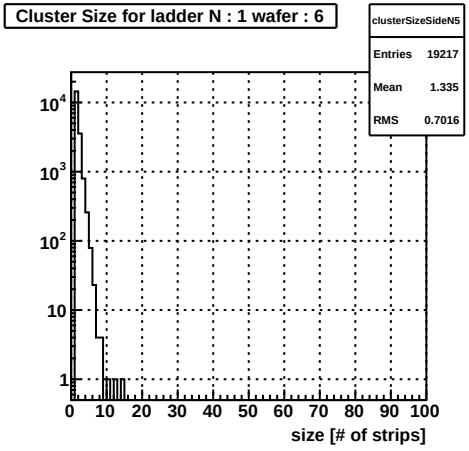

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 13068
Mean 1.343
RMS 0.675
size [# of strips]

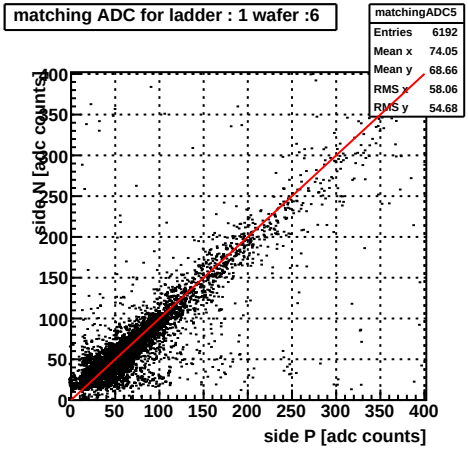

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 7503
Mean x 76.11
Mean y 64.97
RMS x 56.07
RMS y 50.87
side N [adc counts]
side P [adc counts]

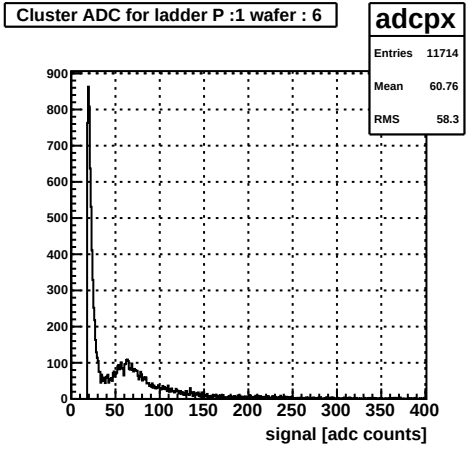

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 13810
Mean 70.86
RMS 62.9
signal [adc counts]

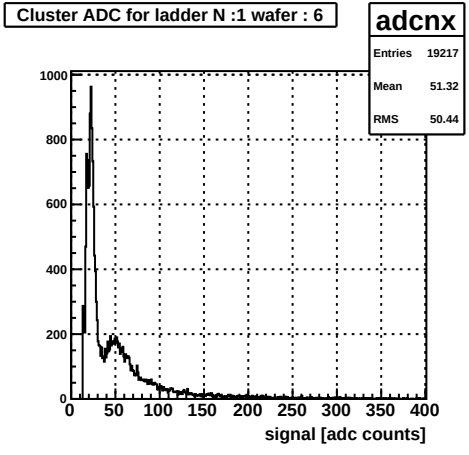

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 13068
Mean 53.19
RMS 47.24
signal [adc counts]

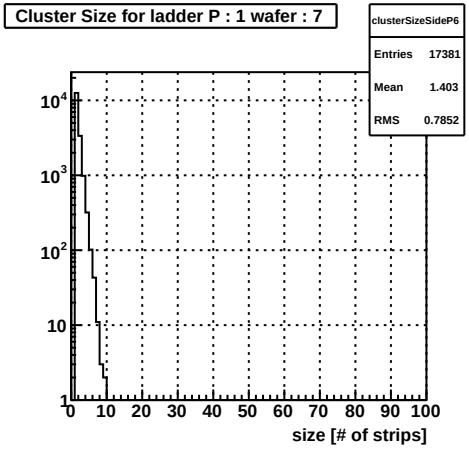

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 11714
Mean 1.262
RMS 0.5893
size [# of strips]

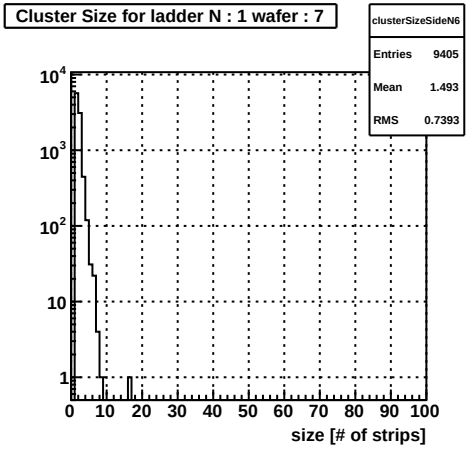

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 19217
Mean 1.335
RMS 0.7016
size [# of strips]

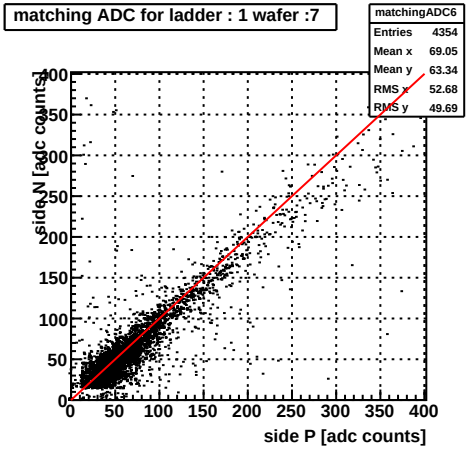

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 6192
Mean x 74.05
Mean y 68.66
RMS x 58.06
RMS y 54.68
side N [adc counts]
side P [adc counts]

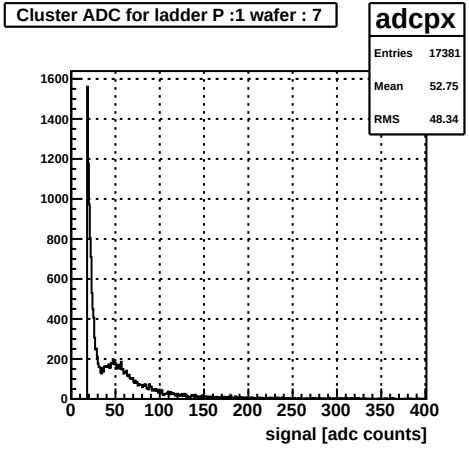

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 11714
Mean 60.76
RMS 58.3
signal [adc counts]

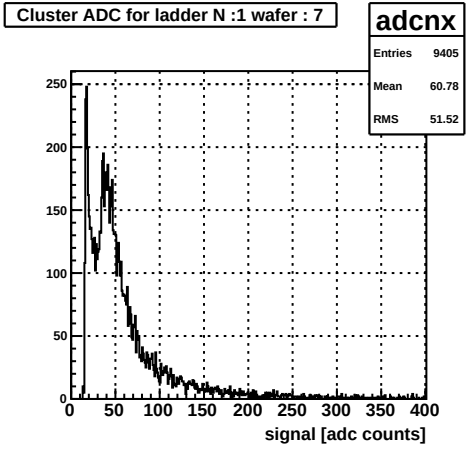

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 19217
Mean 51.32
RMS 50.44
signal [adc counts]

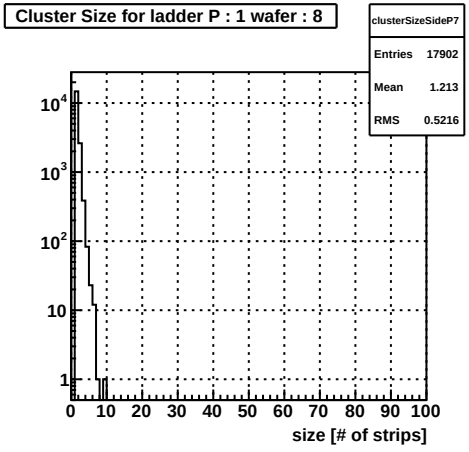

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 17381
Mean 1.403
RMS 0.7852
size [# of strips]

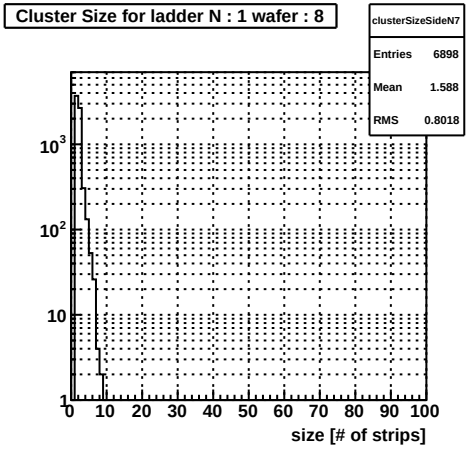

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 9405
Mean 1.493
RMS 0.7393
size [# of strips]

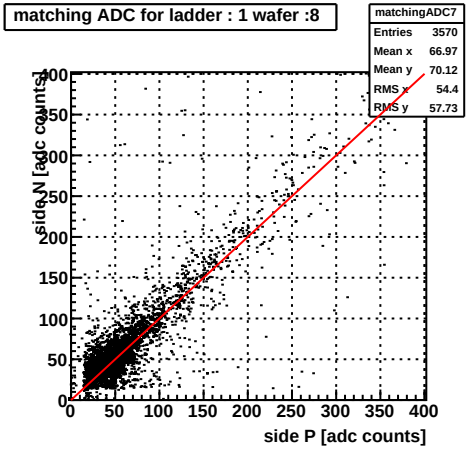

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 4354
Mean x 69.05
Mean y 63.34
RMS x 52.68
RMS y 49.69
side N [adc counts]
side P [adc counts]

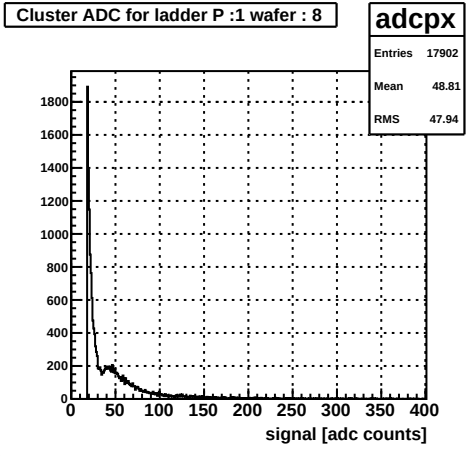

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 17381
Mean 52.75
RMS 48.34
signal [adc counts]

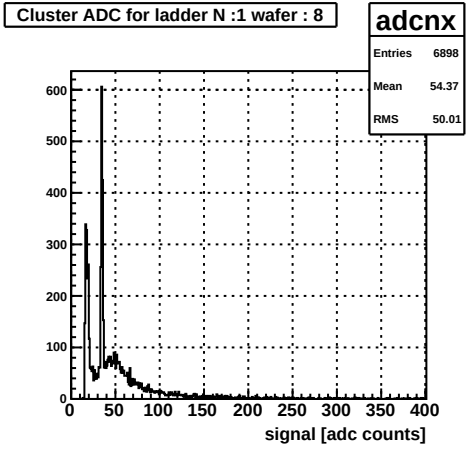

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 9405
Mean 60.78
RMS 51.52
signal [adc counts]

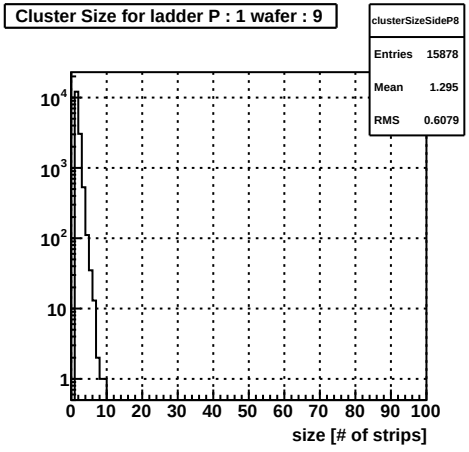

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17902
Mean 1.213
RMS 0.5216
size [# of strips]

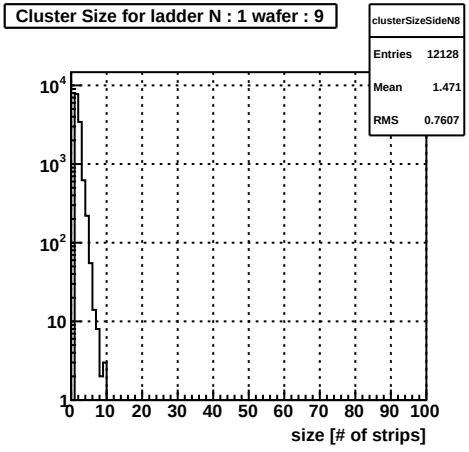

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 6898
Mean 1.588
RMS 0.8018
size [# of strips]

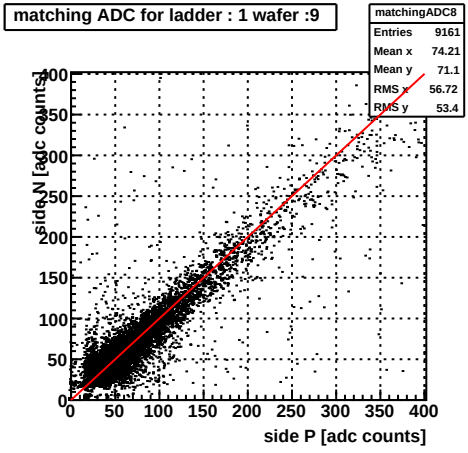

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 3570
Mean x 66.97
Mean y 70.12
RMS x 54.4
RMS y 57.73
side N [adc counts]
side P [adc counts]

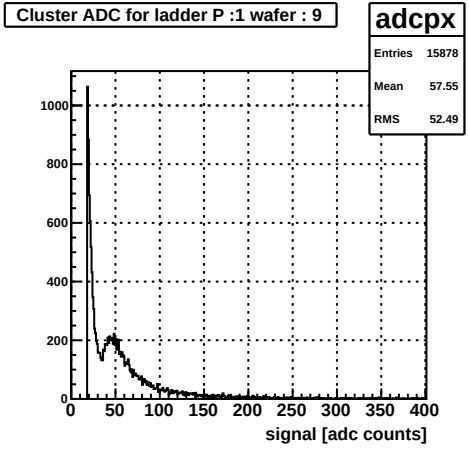

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17902
Mean 48.81
RMS 47.94
signal [adc counts]

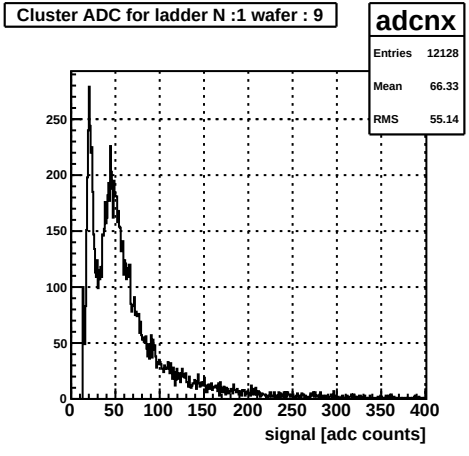

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 6898
Mean 54.37
RMS 50.01
signal [adc counts]

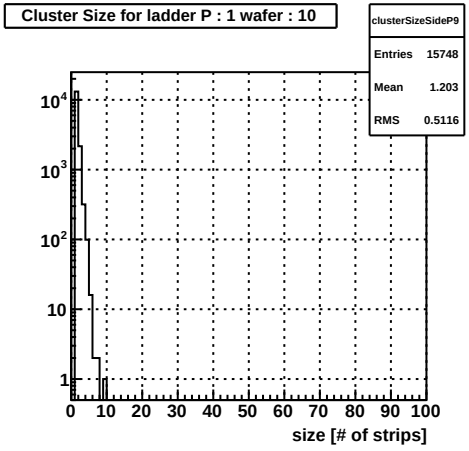

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 15878
Mean 1.295
RMS 0.6079
size [# of strips]

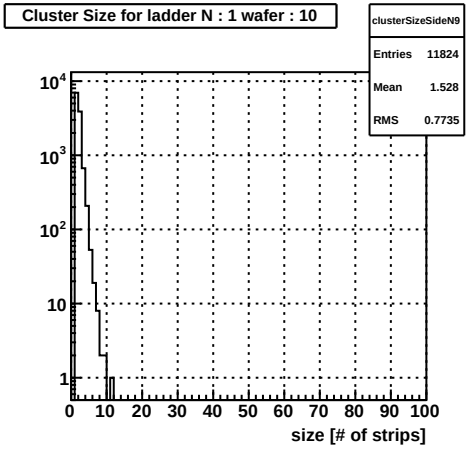

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 12128
Mean 1.471
RMS 0.7607
size [# of strips]

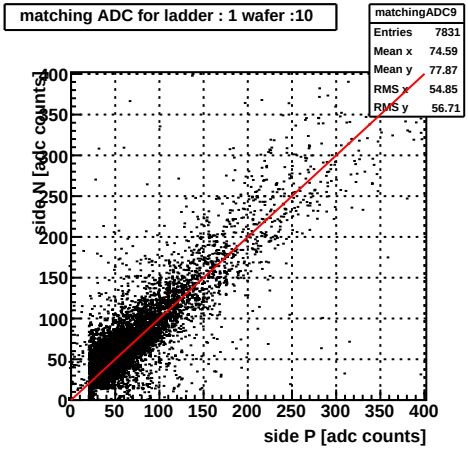

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 9161
Mean x 74.21
Mean y 71.1
RMS x 56.72
RMS y 53.4
side N [adc counts]
side P [adc counts]

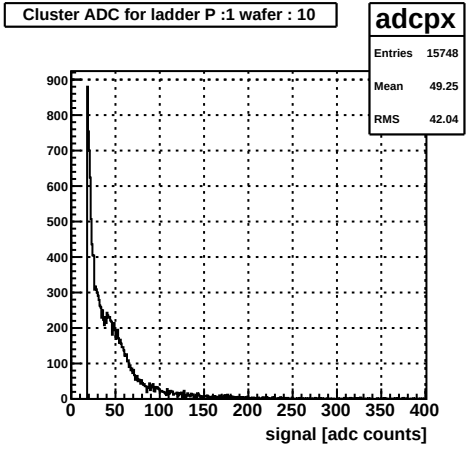

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 15878
Mean 57.55
RMS 52.49
signal [adc counts]

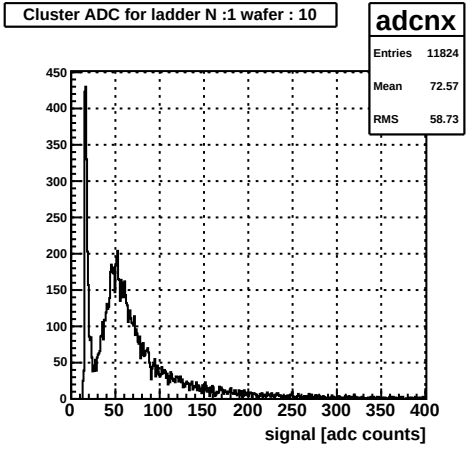

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 12128
Mean 66.33
RMS 55.14
signal [adc counts]

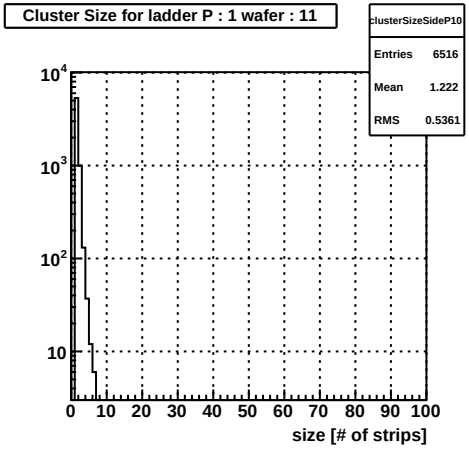

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 15748
Mean 1.203
RMS 0.5116
size [# of strips]

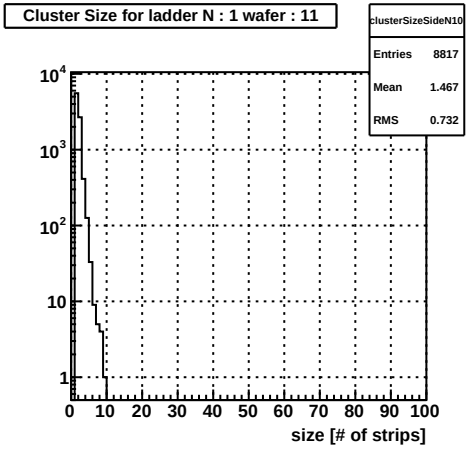

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 11824
Mean 1.528
RMS 0.7735
size [# of strips]

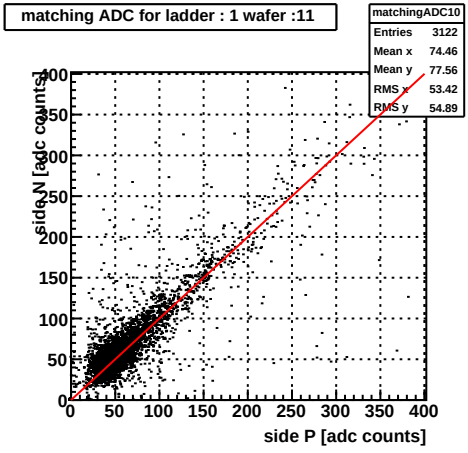

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 7831
Mean x 74.59
Mean y 77.87
RMS x 54.85
RMS y 56.71
side N [adc counts]
side P [adc counts]

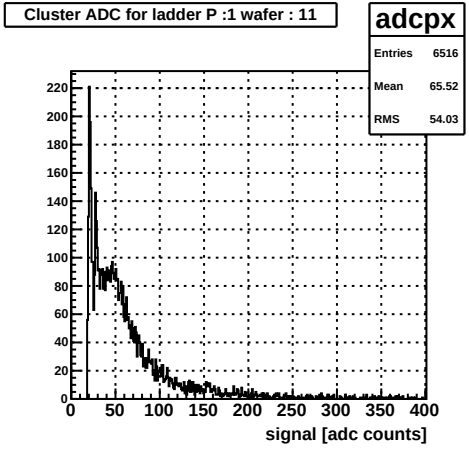

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 15748
Mean 49.25
RMS 42.04
signal [adc counts]

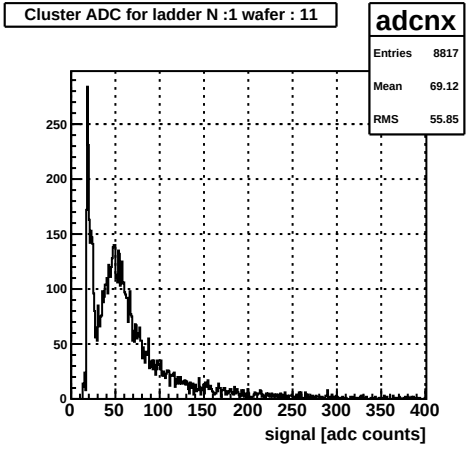

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 11824
Mean 72.57
RMS 58.73
signal [adc counts]

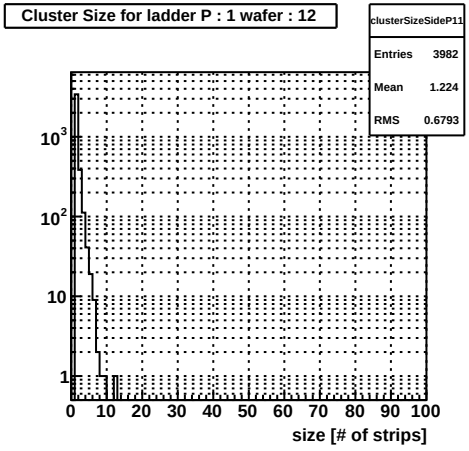

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6516
Mean 1.222
RMS 0.5361
size [# of strips]

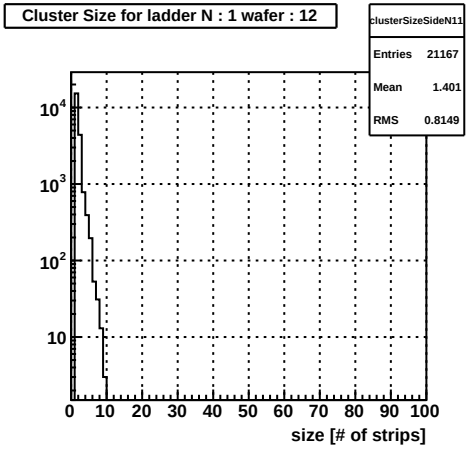

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 8817
Mean 1.467
RMS 0.732
size [# of strips]

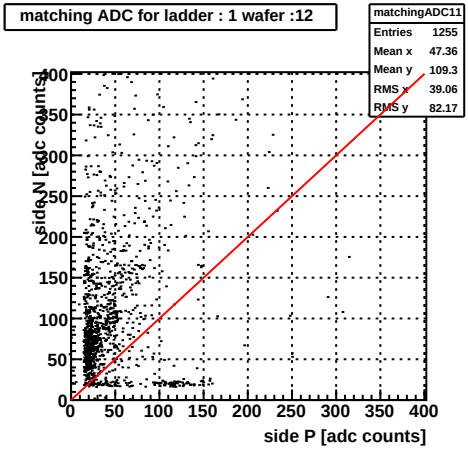

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 3122
Mean x 74.46
Mean y 77.56
RMS x 53.42
RMS y 54.89
side N [adc counts]
side P [adc counts]

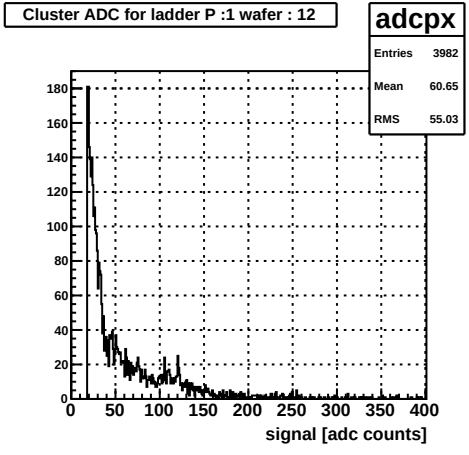

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6516
Mean 65.52
RMS 54.03
signal [adc counts]

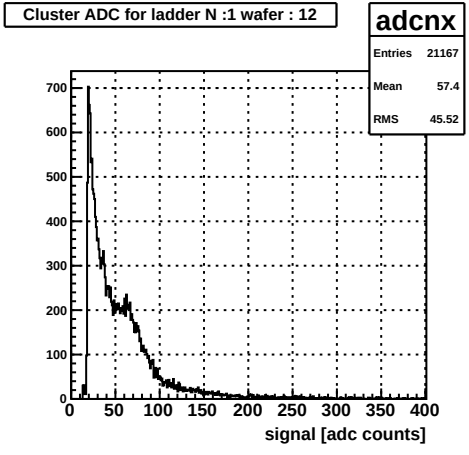

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 8817
Mean 69.12
RMS 55.85
signal [adc counts]

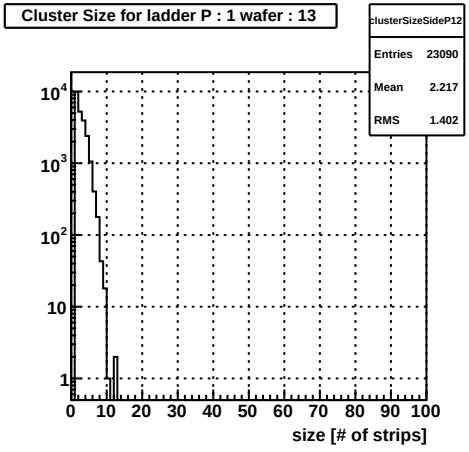

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3982
Mean 1.224
RMS 0.6793
size [# of strips]

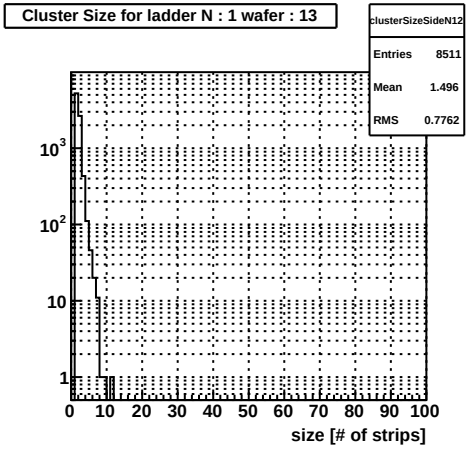

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 21167
Mean 1.401
RMS 0.8149
size [# of strips]

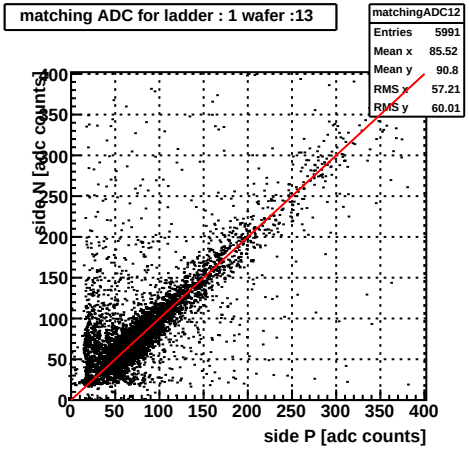

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1255
Mean x 47.36
Mean y 109.3
RMS x 39.06
RMS y 82.17
side N [adc counts]
side P [adc counts]

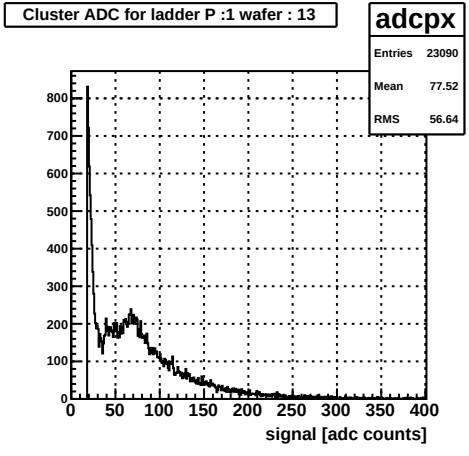

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3982
Mean 60.65
RMS 55.03
signal [adc counts]

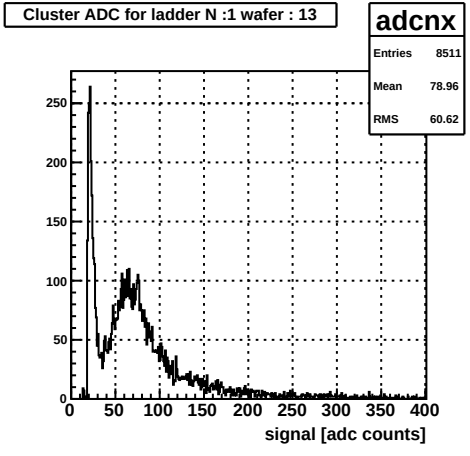

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 21167
Mean 57.4
RMS 45.52
signal [adc counts]

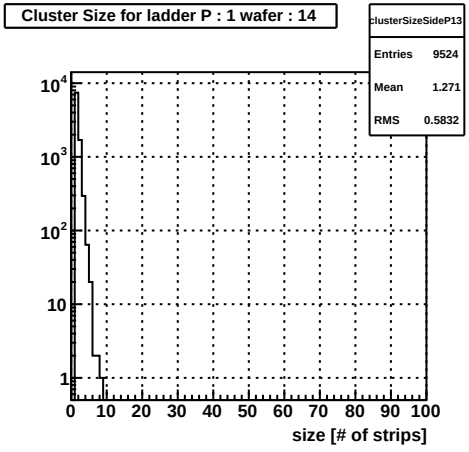

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 23090
Mean 2.217
RMS 1.402
size [# of strips]

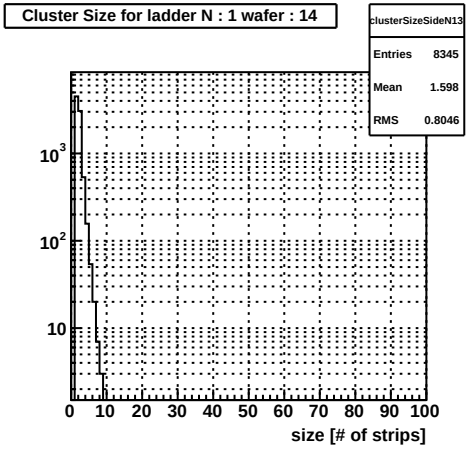

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 8511
Mean 1.496
RMS 0.7762
size [# of strips]

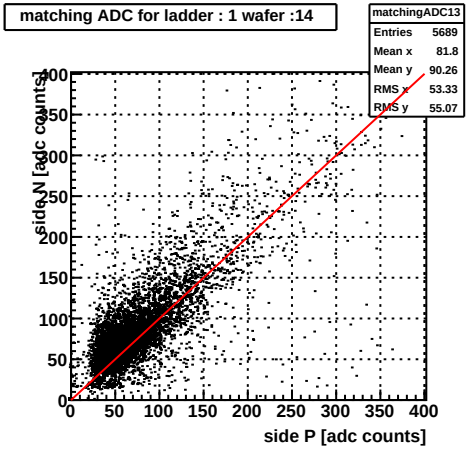

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 5991
Mean x 85.52
Mean y 90.8
RMS x 57.21
RMS y 60.01
side N [adc counts]
side P [adc counts]

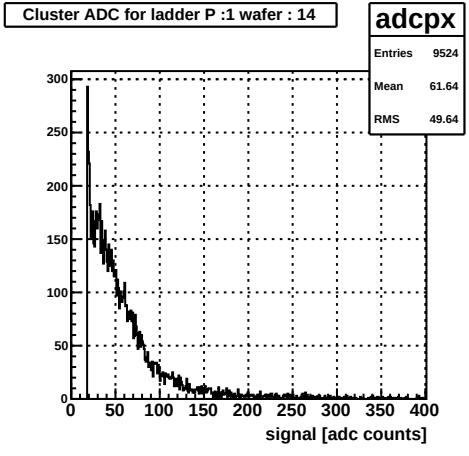

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 23090
Mean 77.52
RMS 56.64
signal [adc counts]

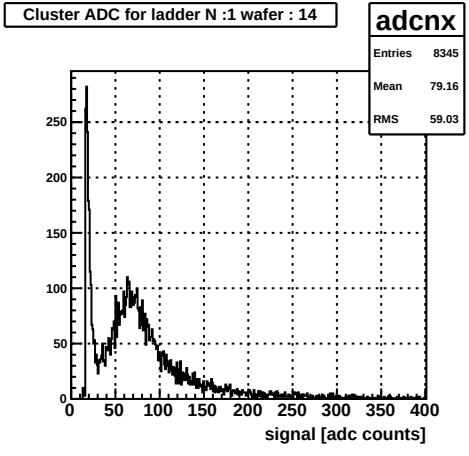

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 8511
Mean 78.96
RMS 60.62
signal [adc counts]

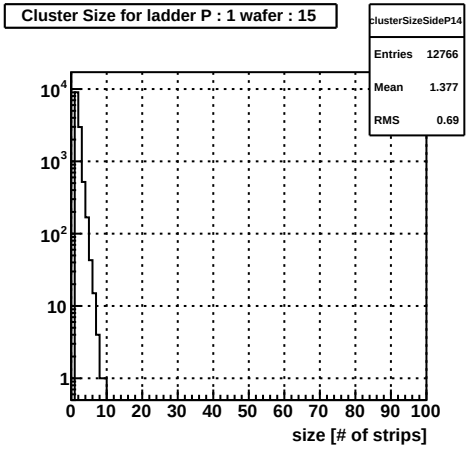

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 9524
Mean 1.271
RMS 0.5832
size [# of strips]

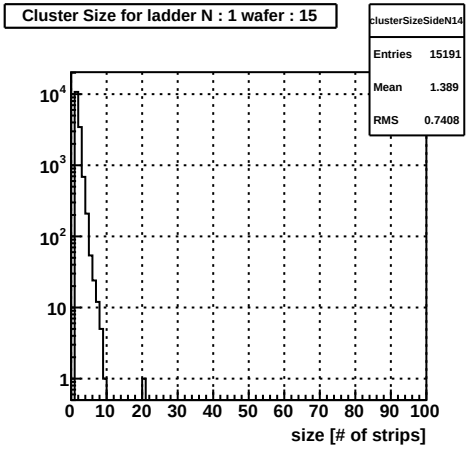

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 8345
Mean 1.598
RMS 0.8046
size [# of strips]

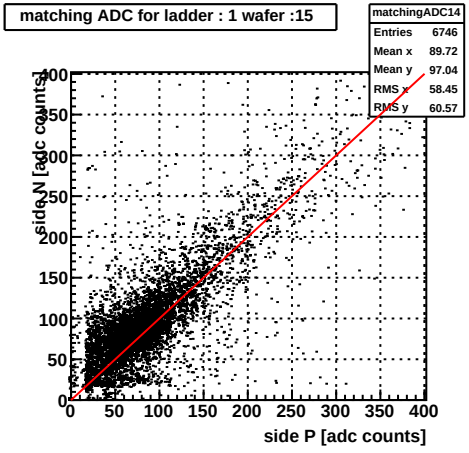

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 5689
Mean x 81.8
Mean y 90.26
RMS x 53.33
RMS y 55.07
side N [adc counts]
side P [adc counts]

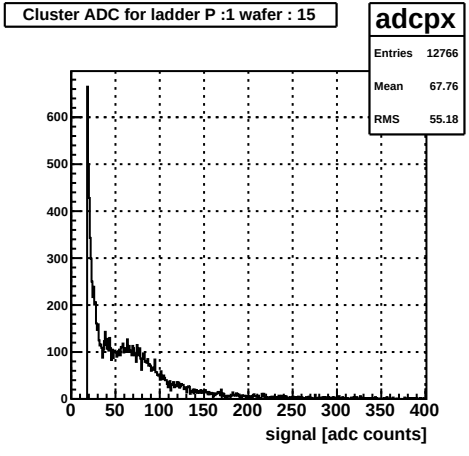

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 9524
Mean 61.64
RMS 49.64
signal [adc counts]

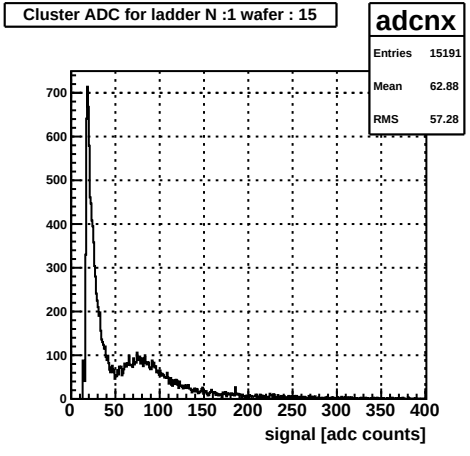

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 8345
Mean 79.16
RMS 59.03
signal [adc counts]

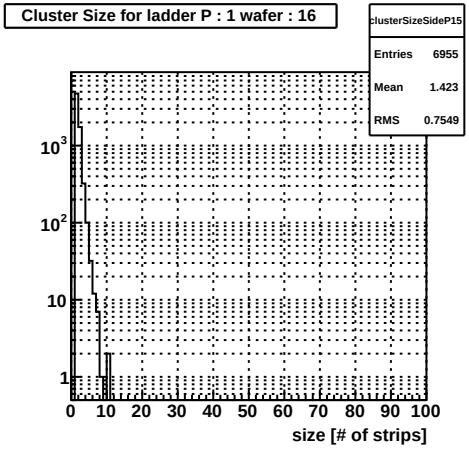

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 12766
Mean 1.377
RMS 0.69
size [# of strips]

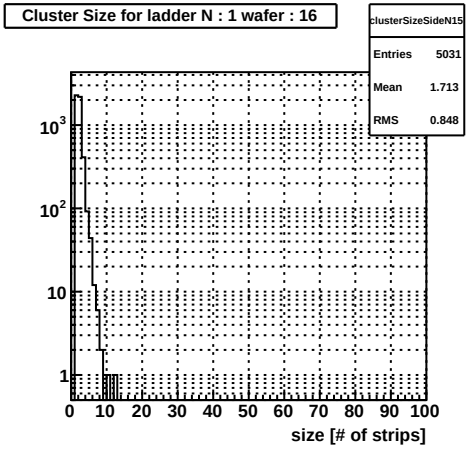

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 15191
Mean 1.389
RMS 0.7408
size [# of strips]

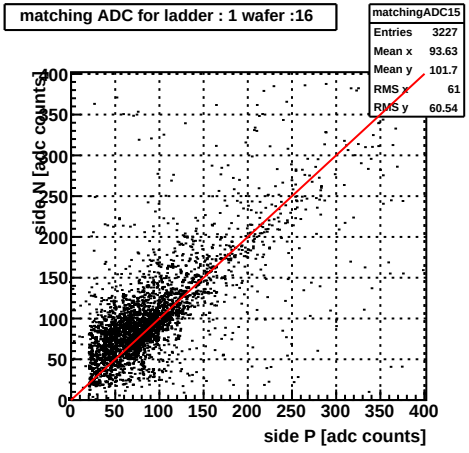

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6746
Mean x 89.72
Mean y 97.04
RMS x 58.45
RMS y 60.57
side N [adc counts]
side P [adc counts]

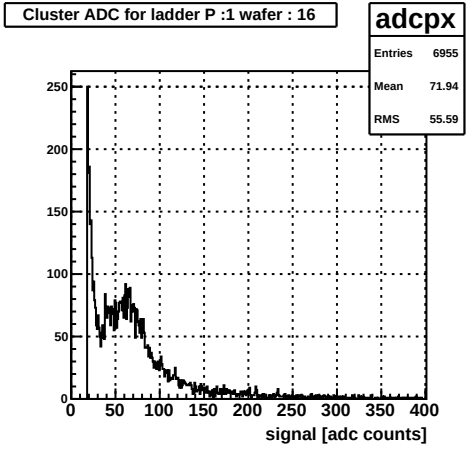

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 12766
Mean 67.76
RMS 55.18
signal [adc counts]

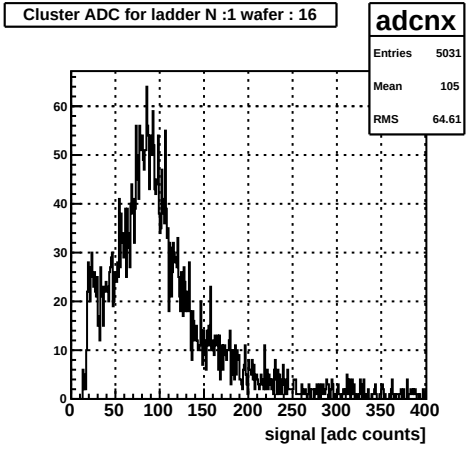

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 15191
Mean 62.88
RMS 57.28
signal [adc counts]

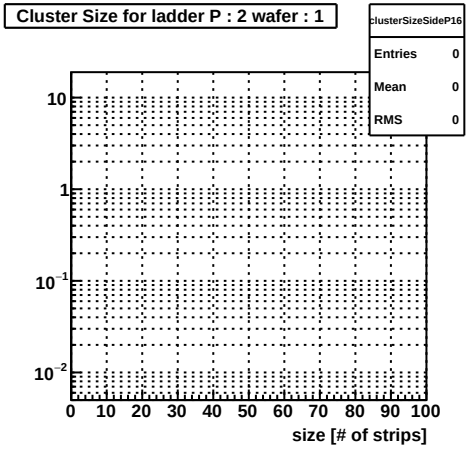

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 6955
Mean 1.423
RMS 0.7549
size [# of strips]

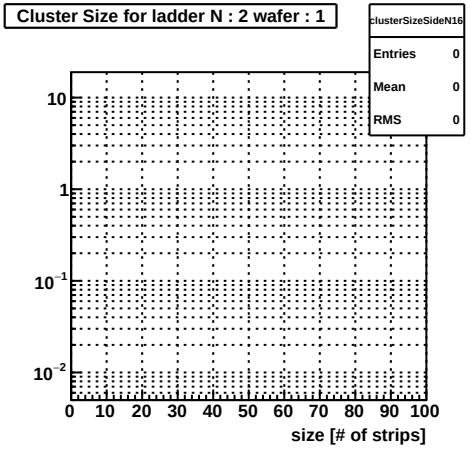

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 5031
Mean 1.713
RMS 0.848
size [# of strips]

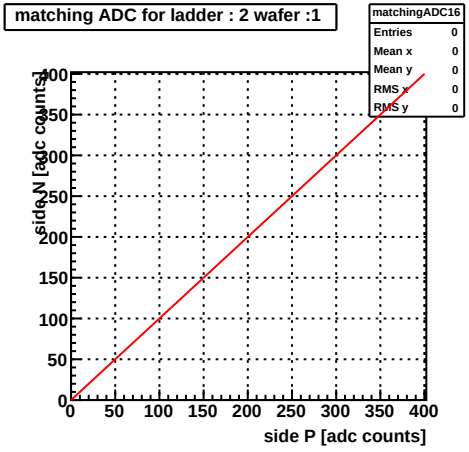

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 3227
Mean x 93.63
Mean y 101.7
RMS x 61
RMS y 60.54
side N [adc counts]
side P [adc counts]

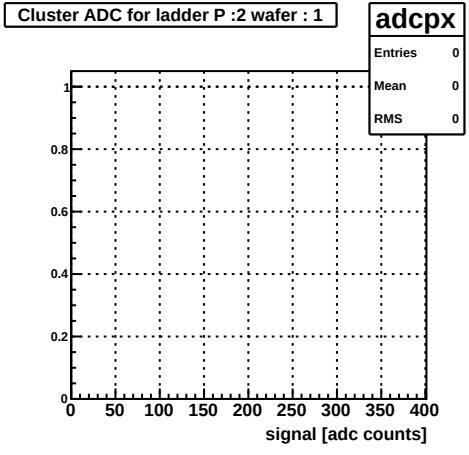

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 6955
Mean 71.94
RMS 55.59
signal [adc counts]

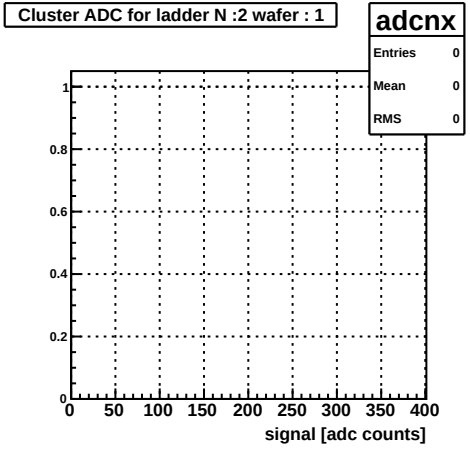

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 5031
Mean 105
RMS 64.61
signal [adc counts]

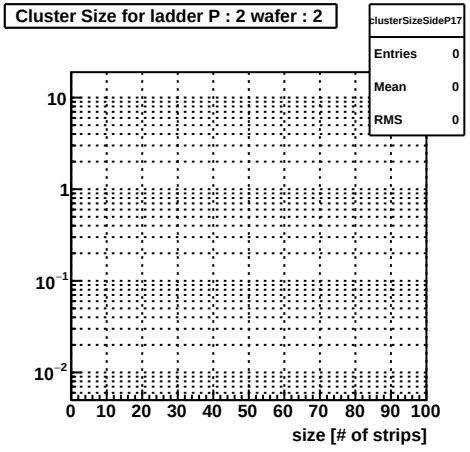

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

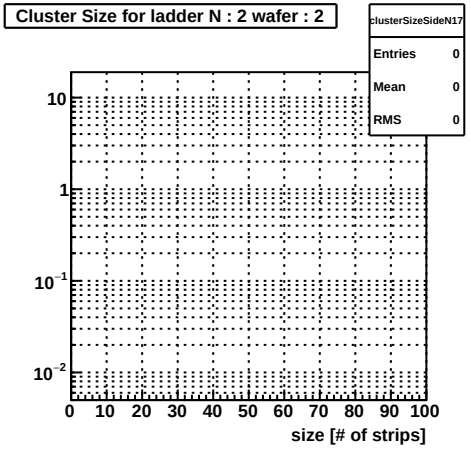

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

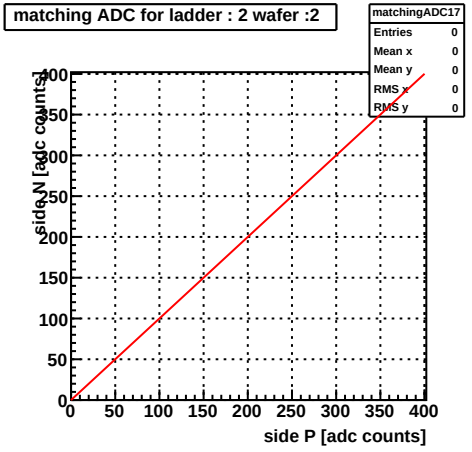

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

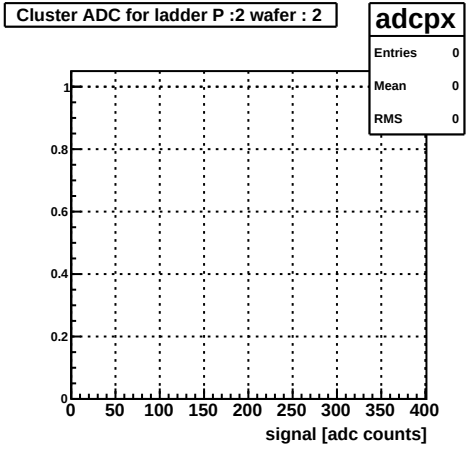

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

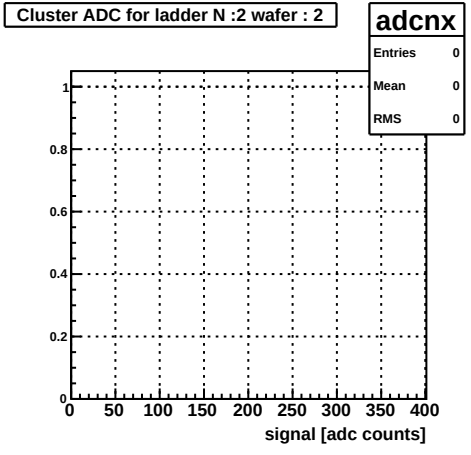

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

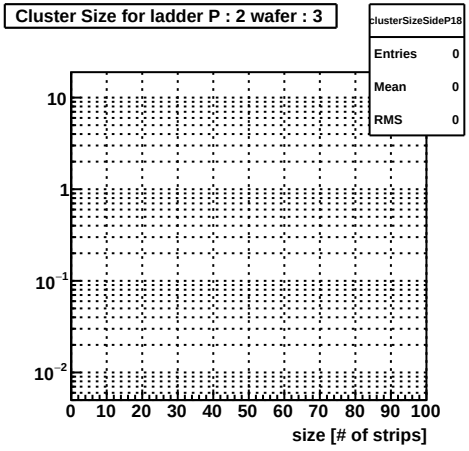

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

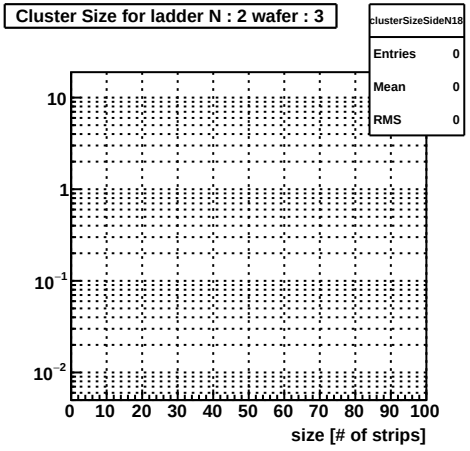

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

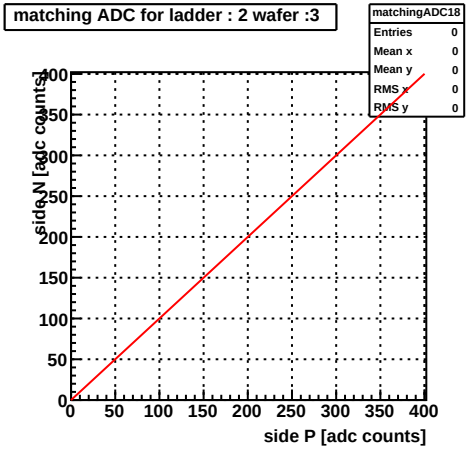

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

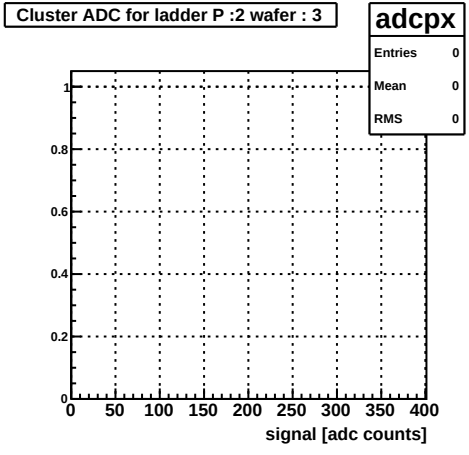

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

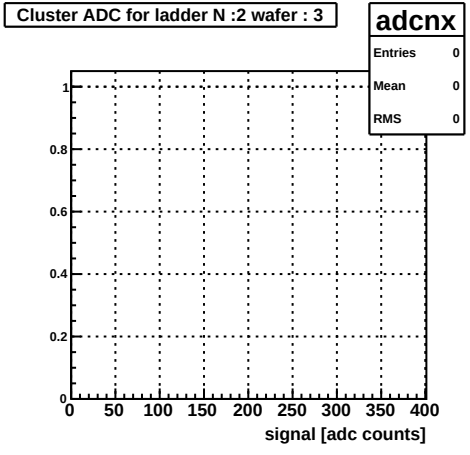

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

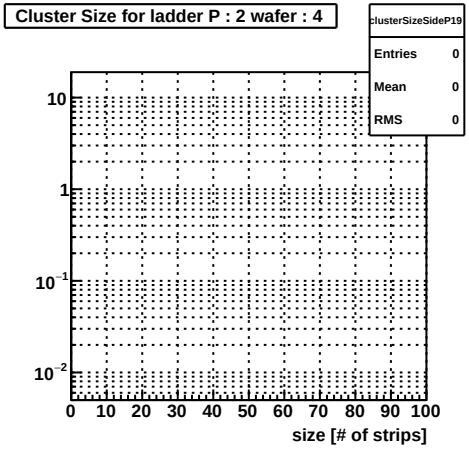

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

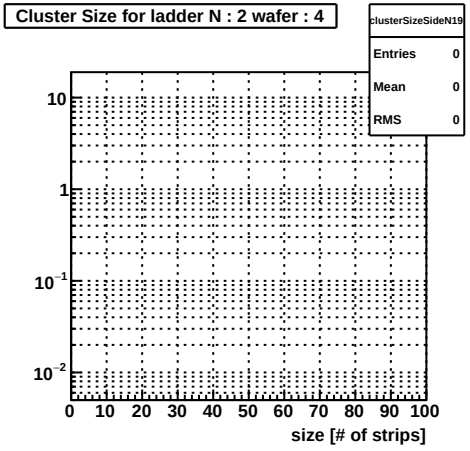

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

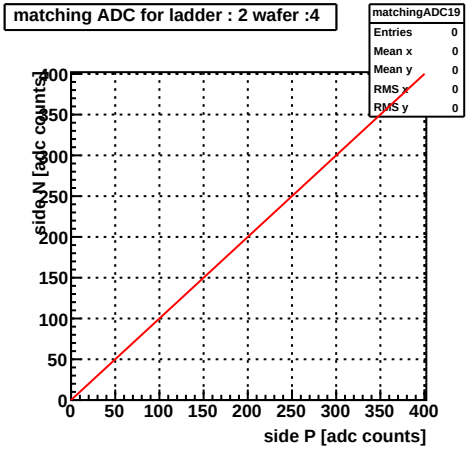

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

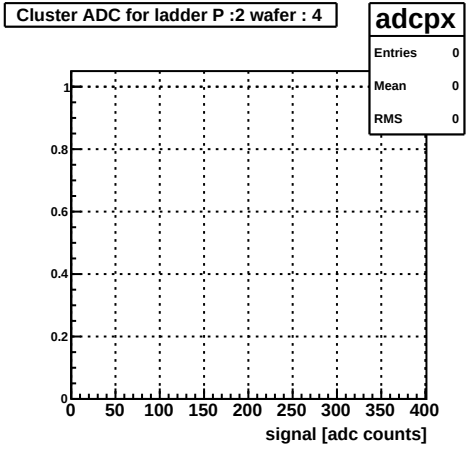

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

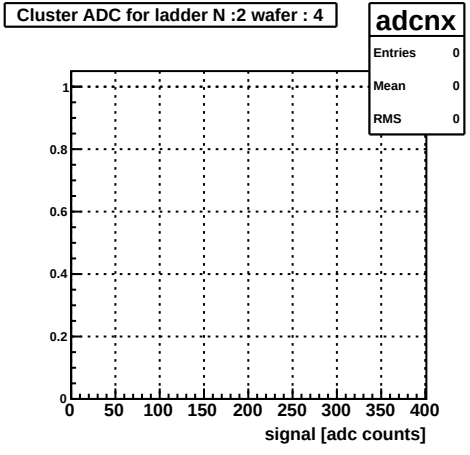

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

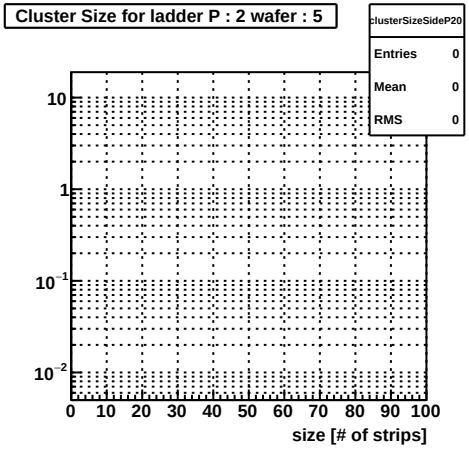

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

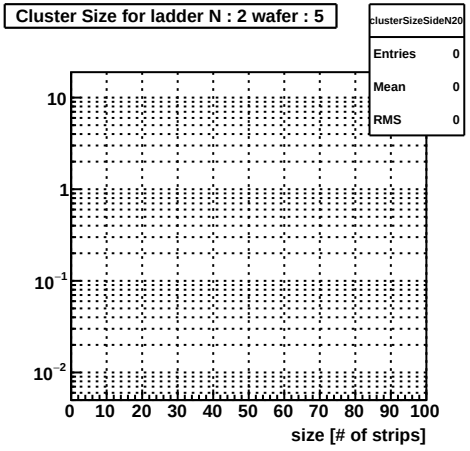

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

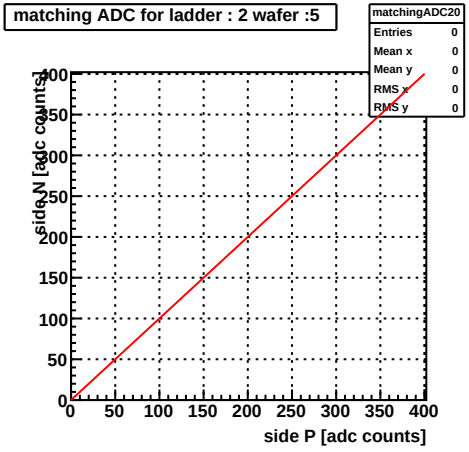

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

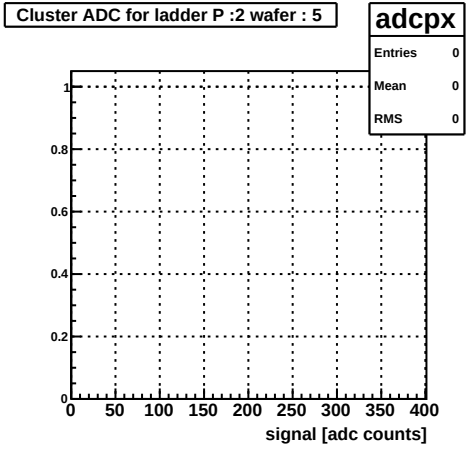

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

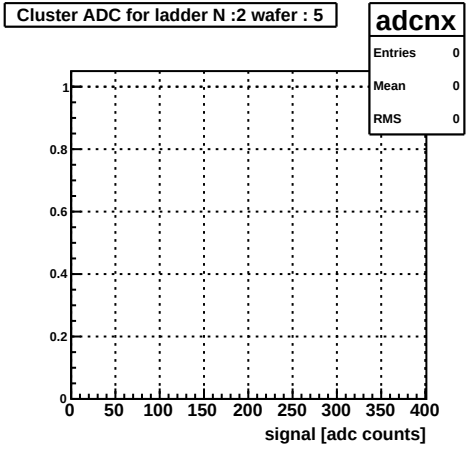

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

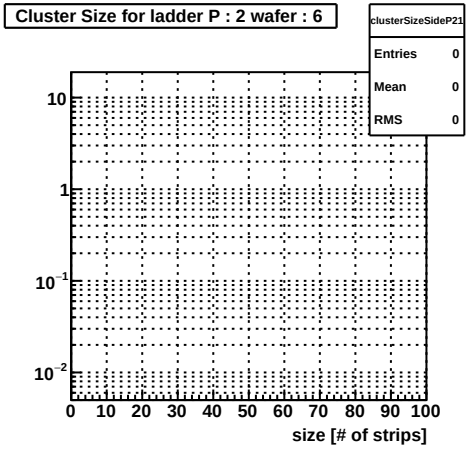

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

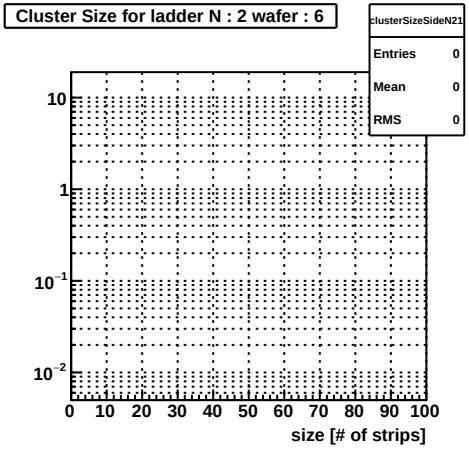

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

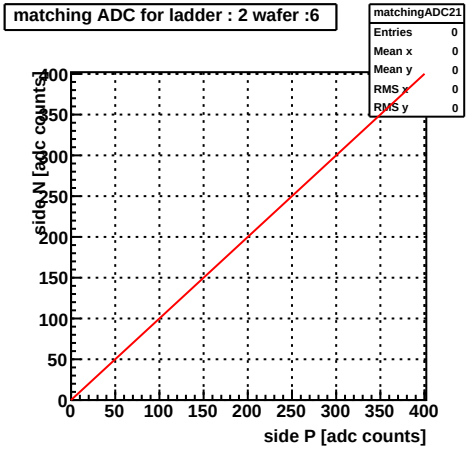

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

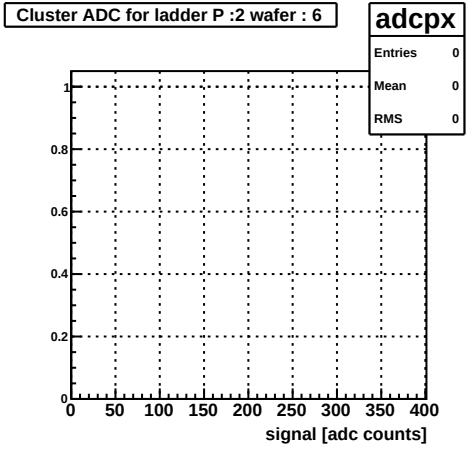

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

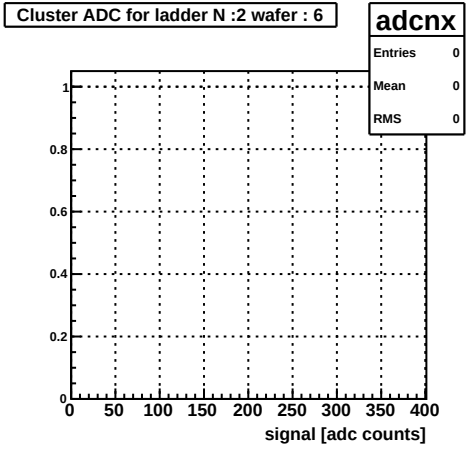

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

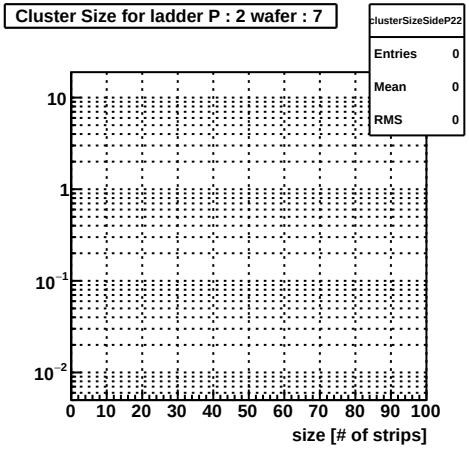

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

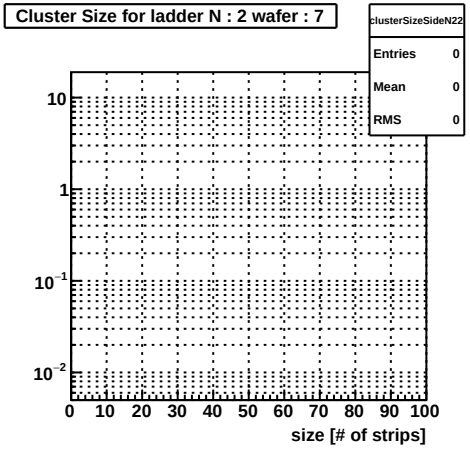

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

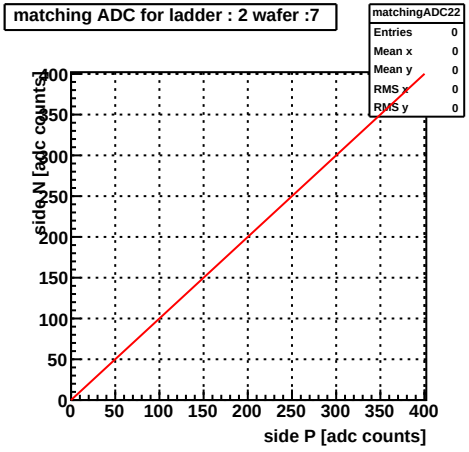

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

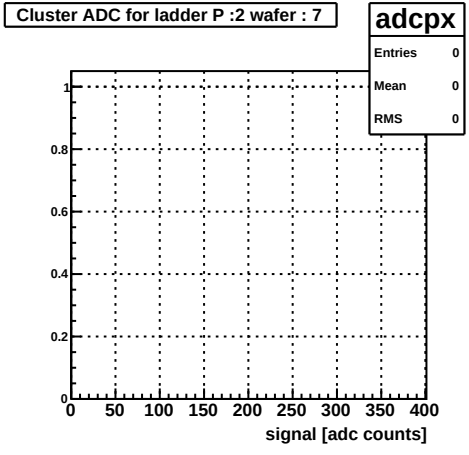

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

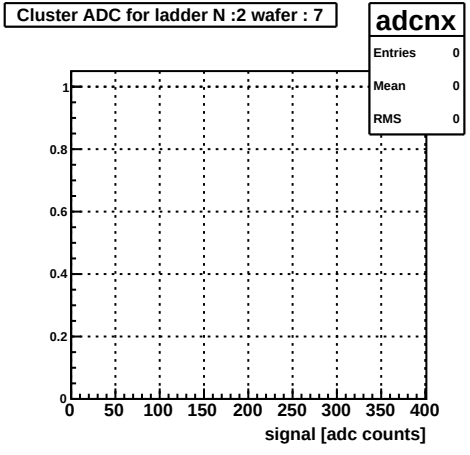

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

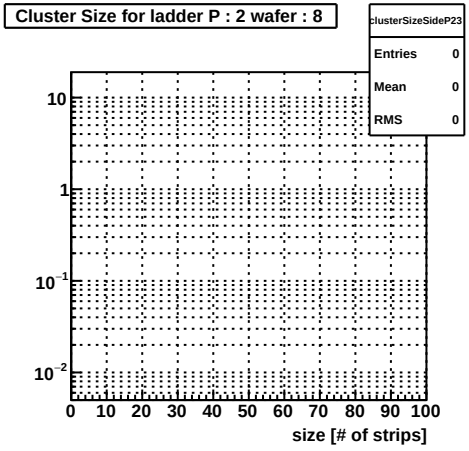

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

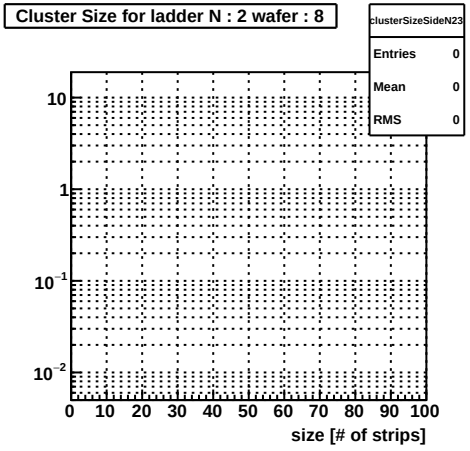

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

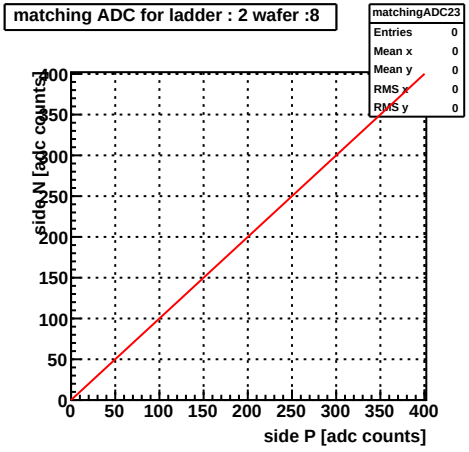

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

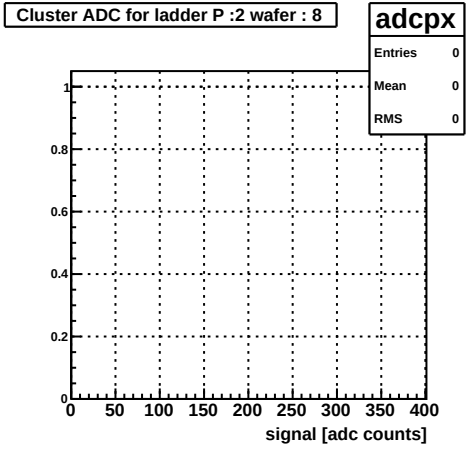

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

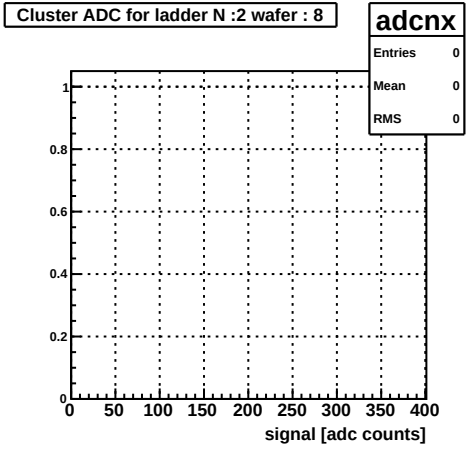

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

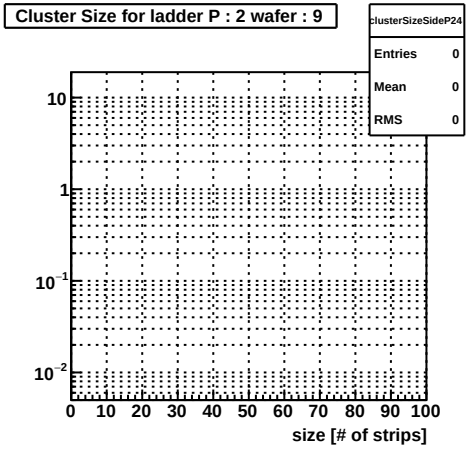

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

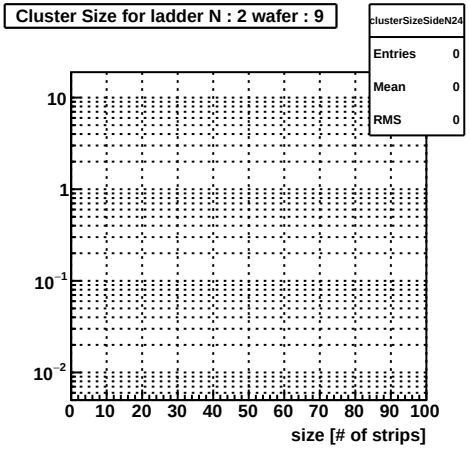

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

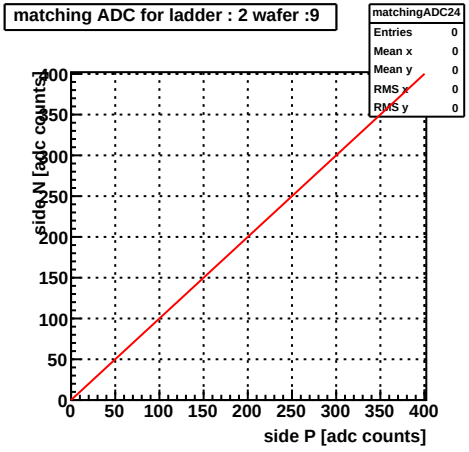

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

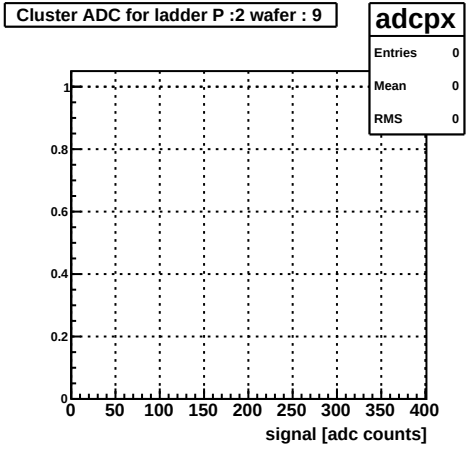

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

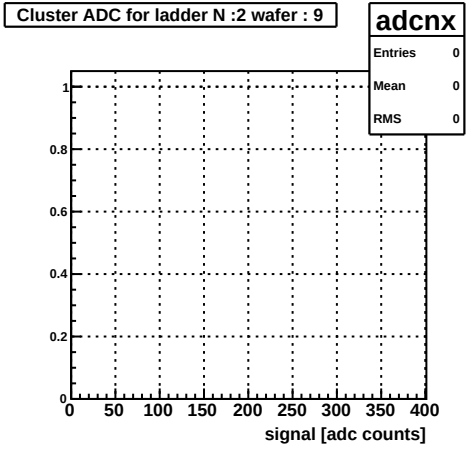

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

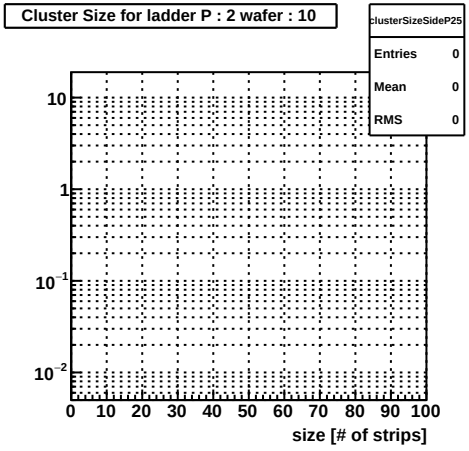

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

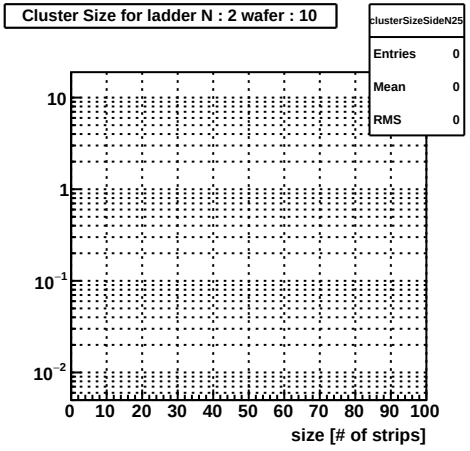

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

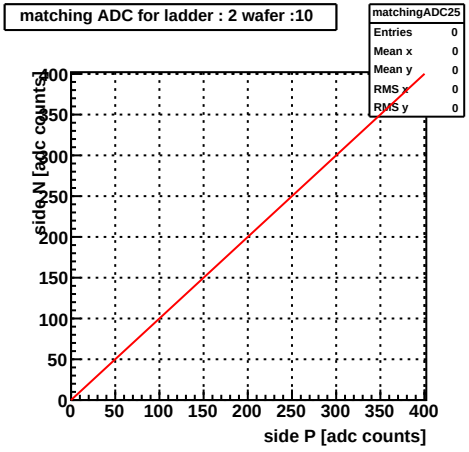

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

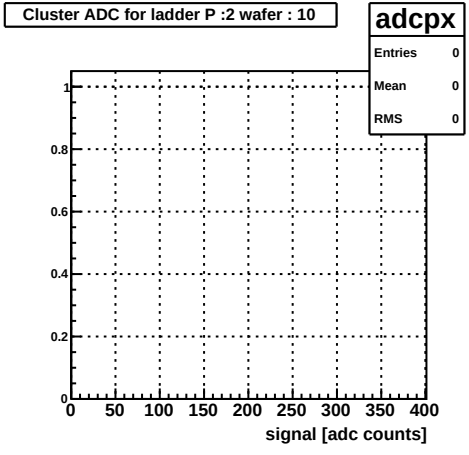

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

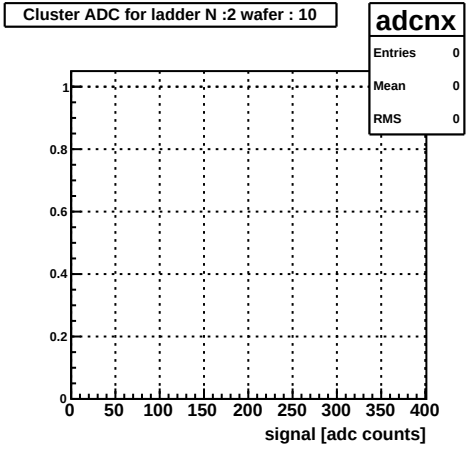

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

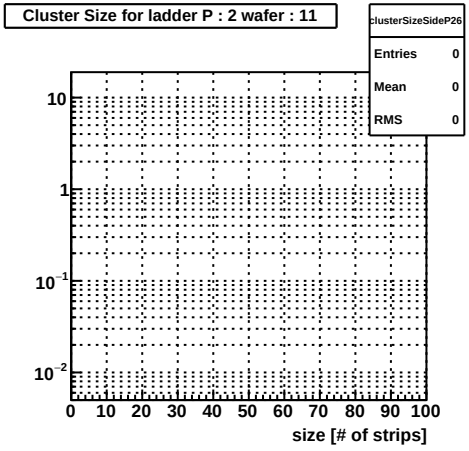

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

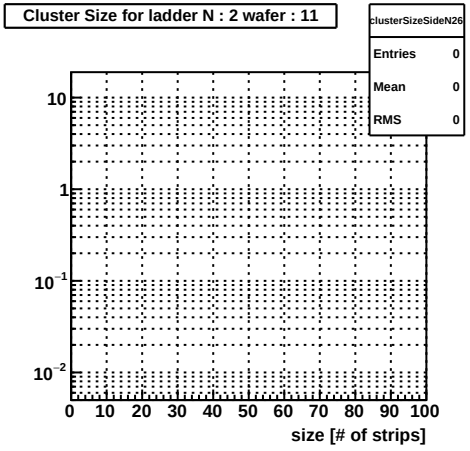

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

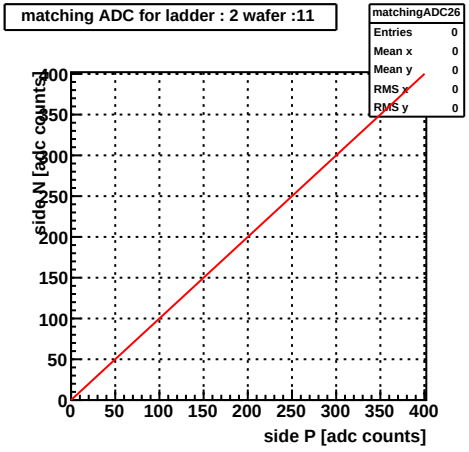

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

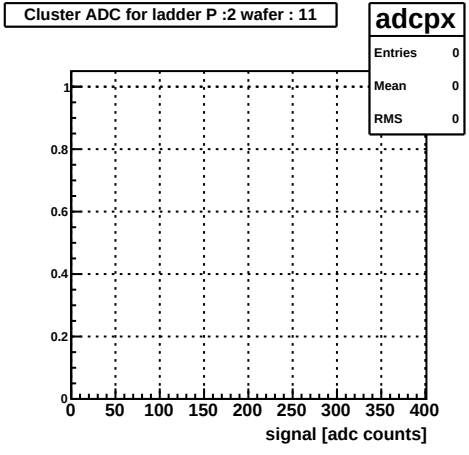

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

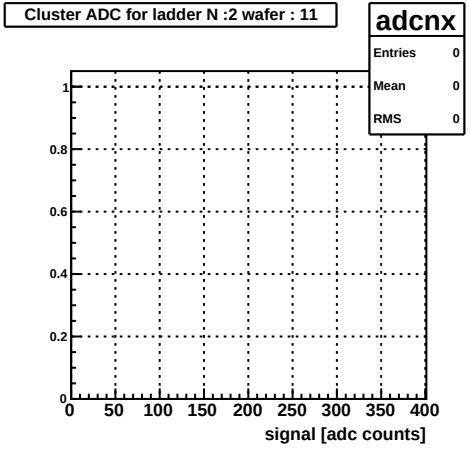

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

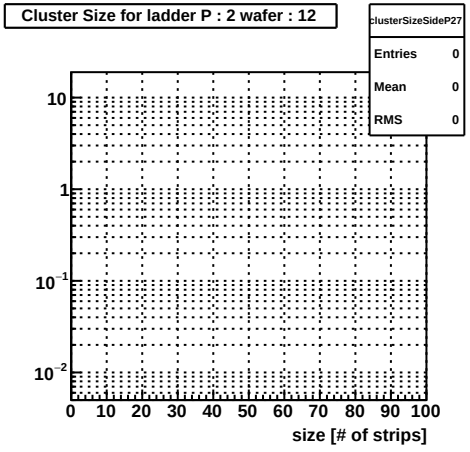

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

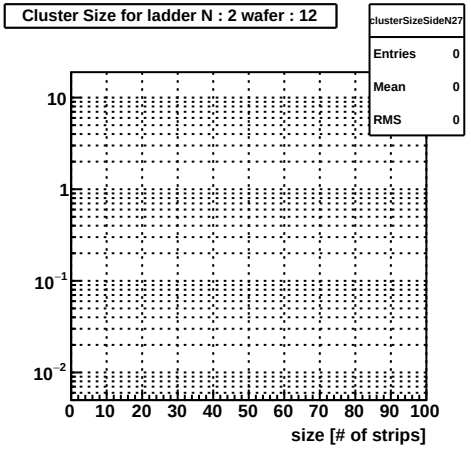

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

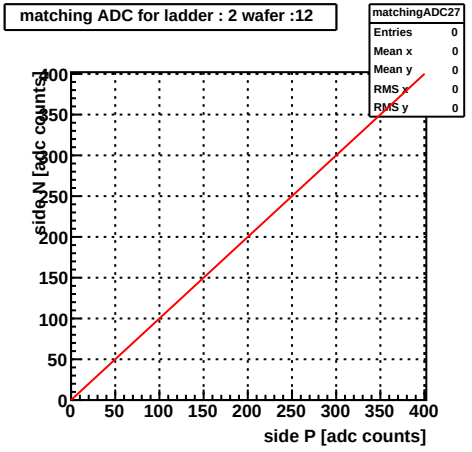

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

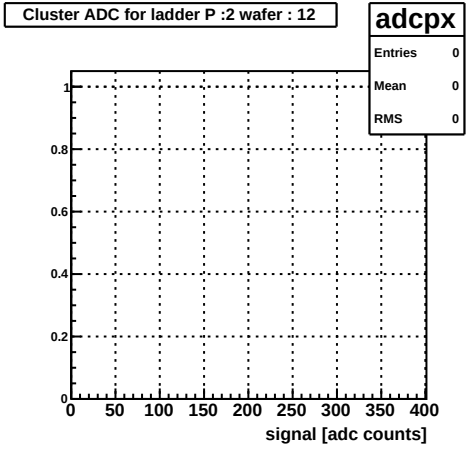

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

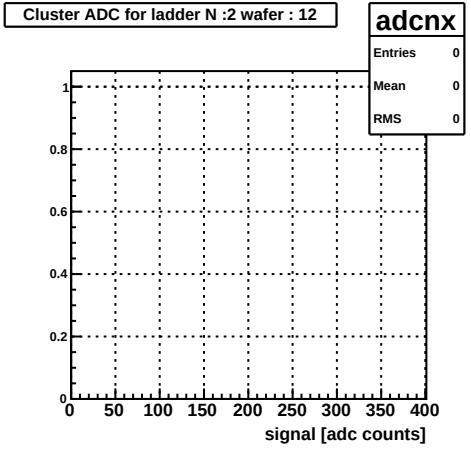

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

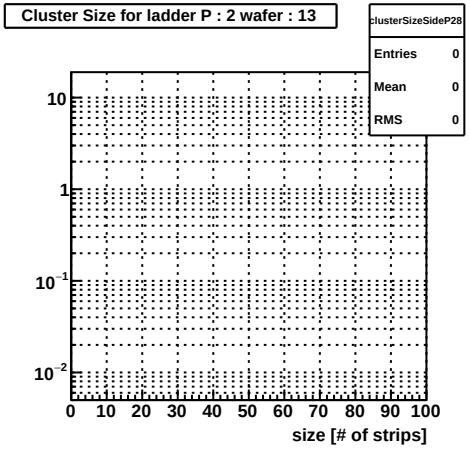

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

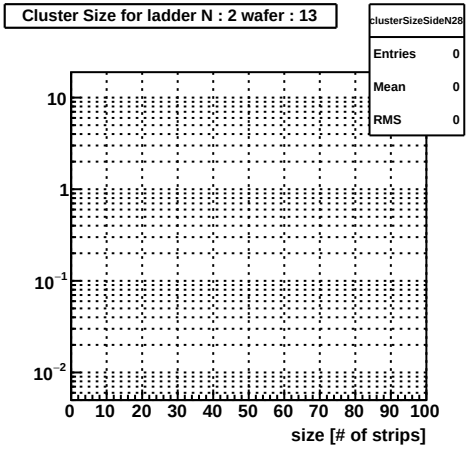

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

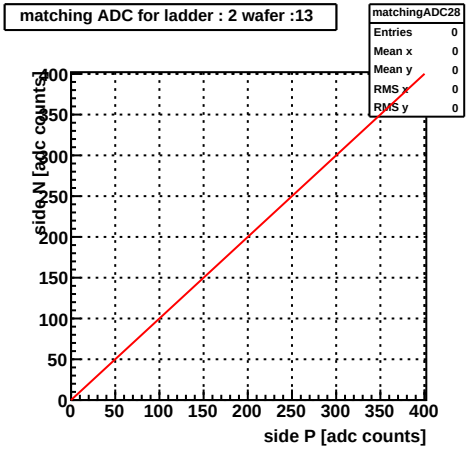

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

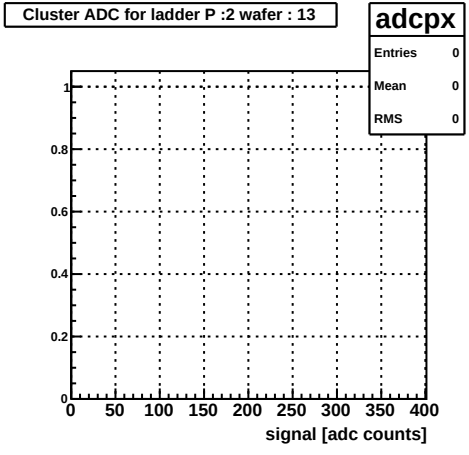

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

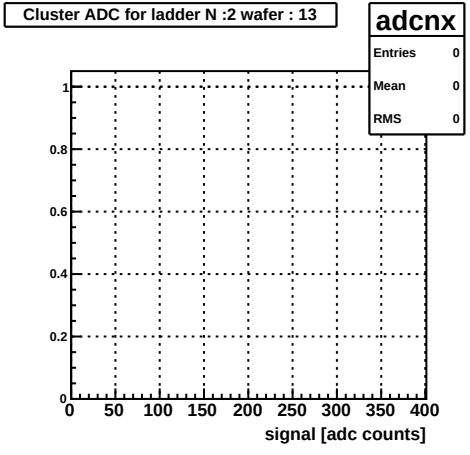

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

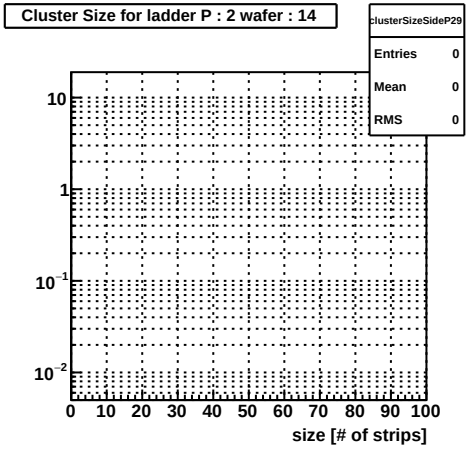

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

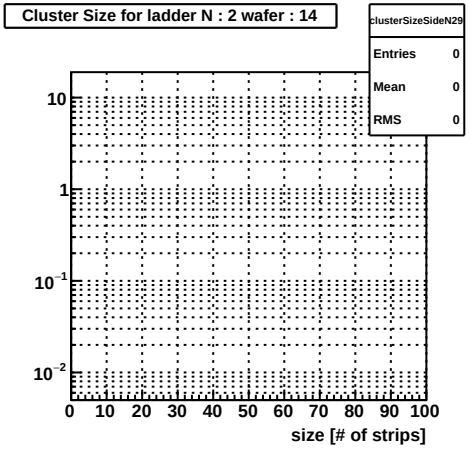

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

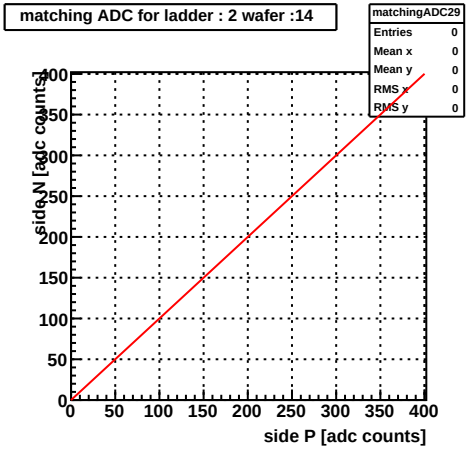

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

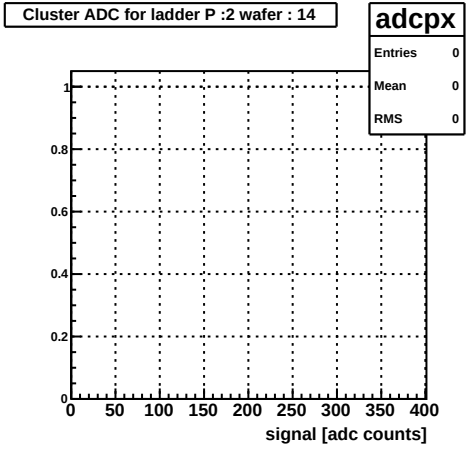

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

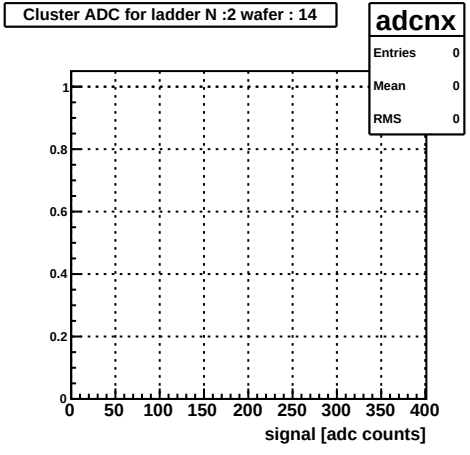

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

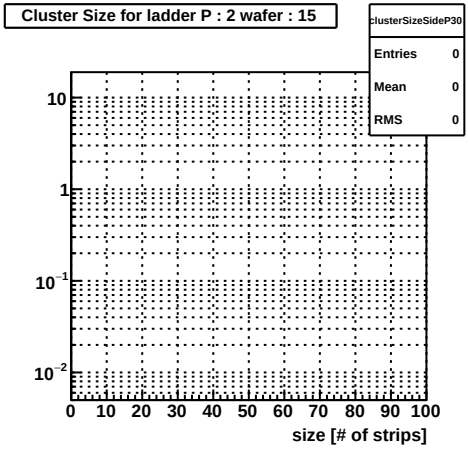

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

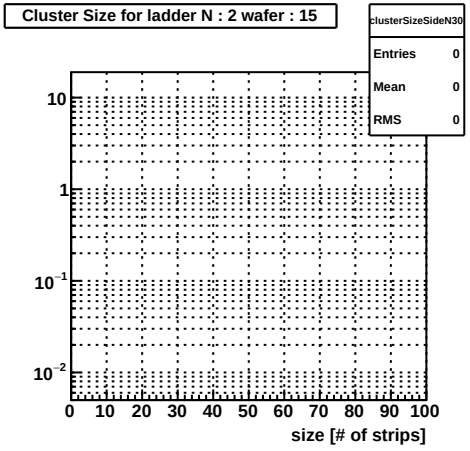

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

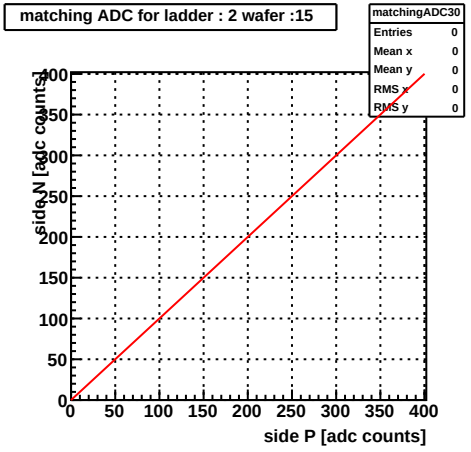

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

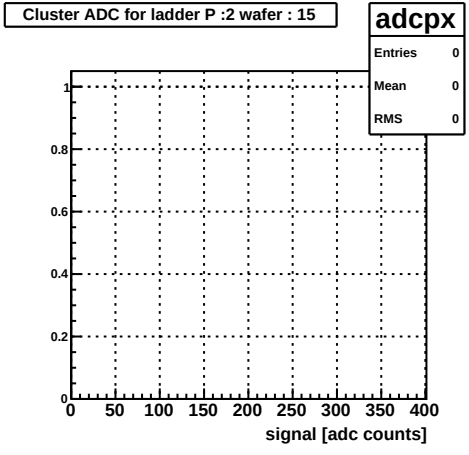

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

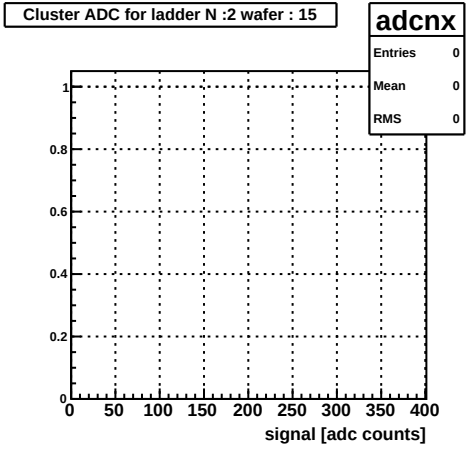

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

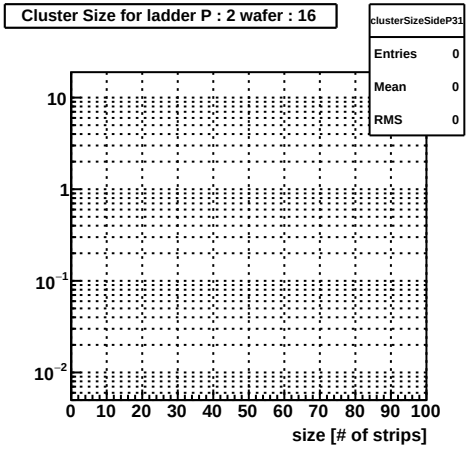

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

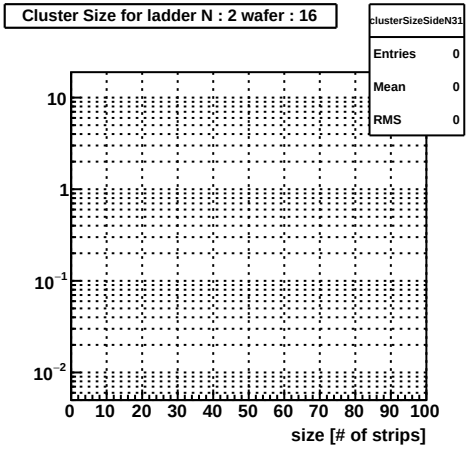

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

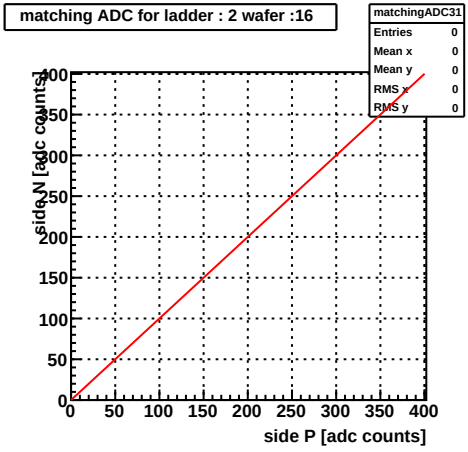

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

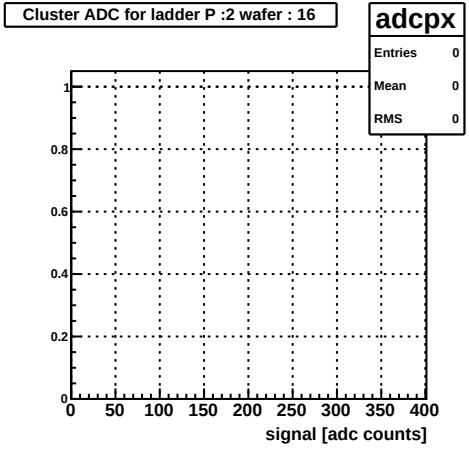

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

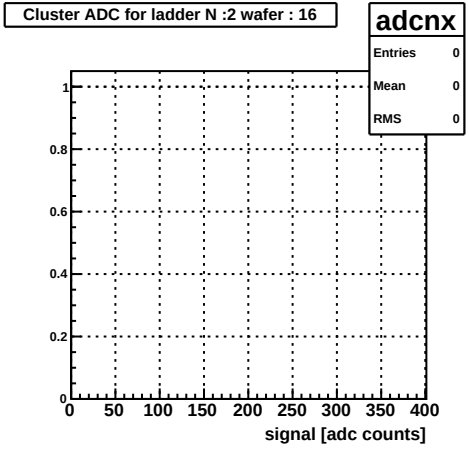

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

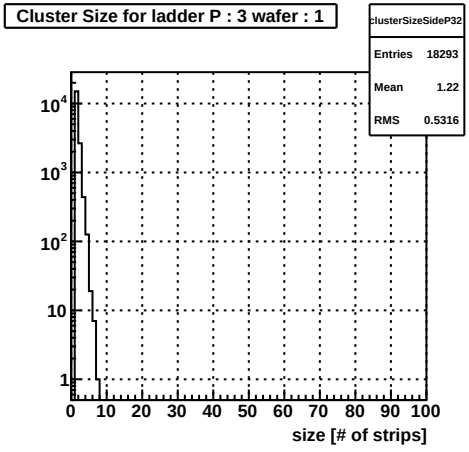

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

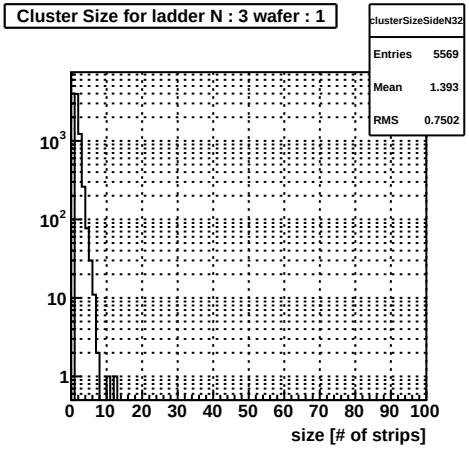

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

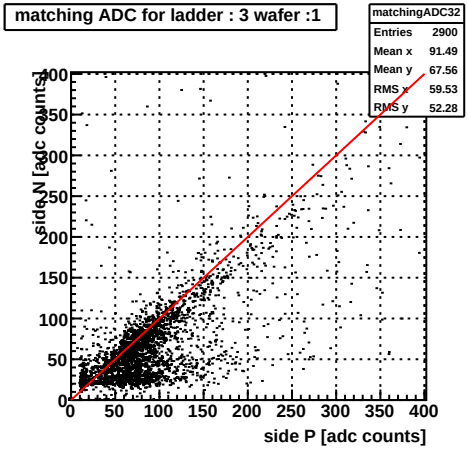

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

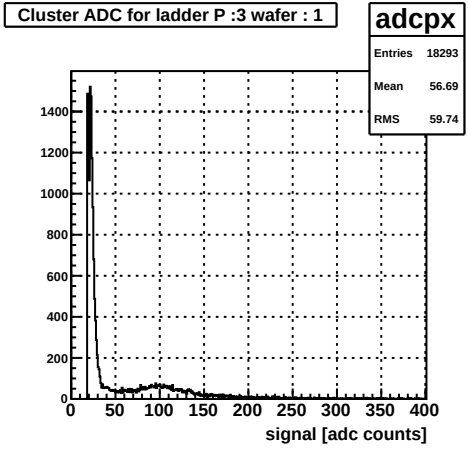

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

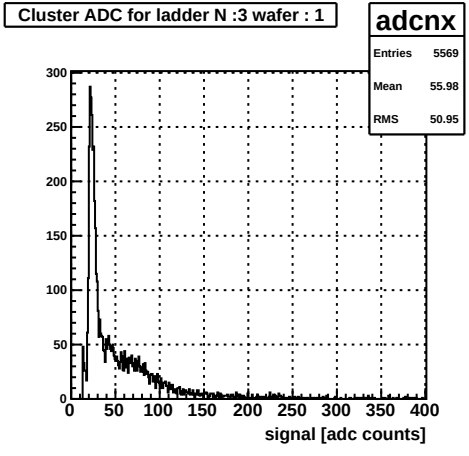

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

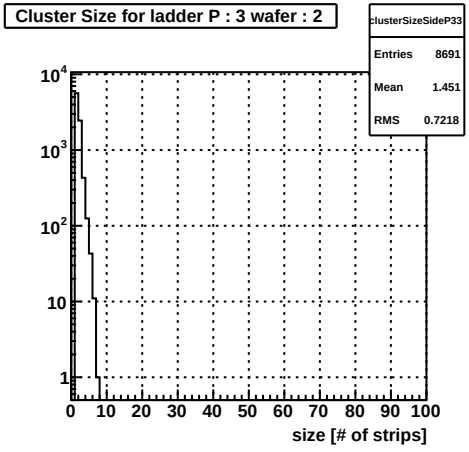

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 18293
Mean 1.22
RMS 0.5316
size [# of strips]

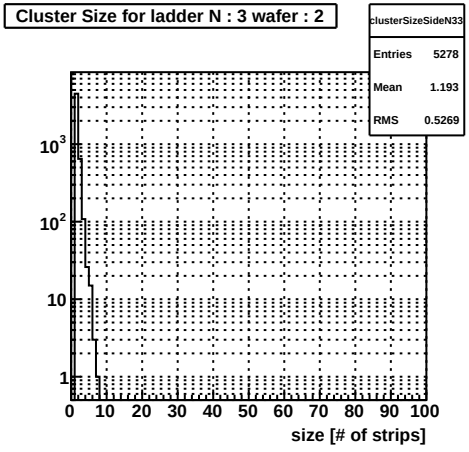

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 5569
Mean 1.393
RMS 0.7502
size [# of strips]

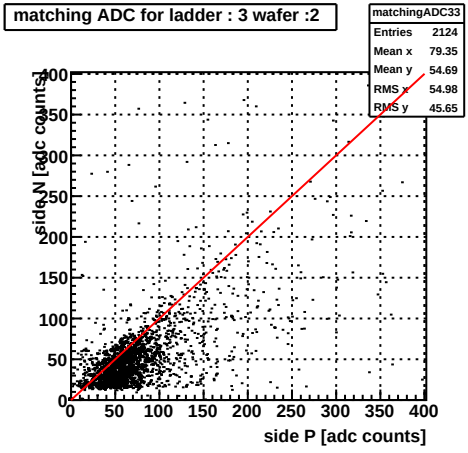

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2900
Mean x 91.49
Mean y 67.56
RMS x 59.53
RMS y 52.28
side N [adc counts]
side P [adc counts]

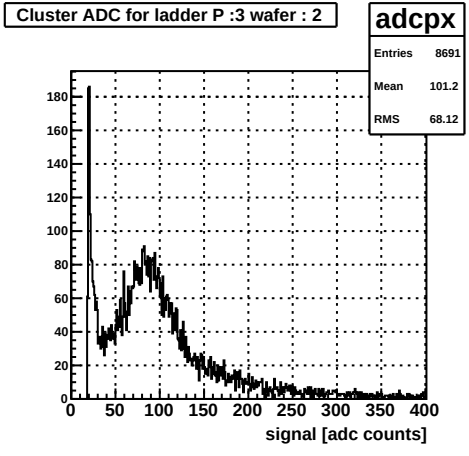

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 18293
Mean 56.69
RMS 59.74
signal [adc counts]

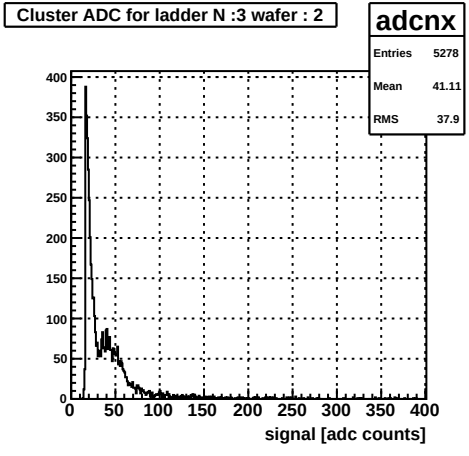

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 5569
Mean 55.98
RMS 50.95
signal [adc counts]

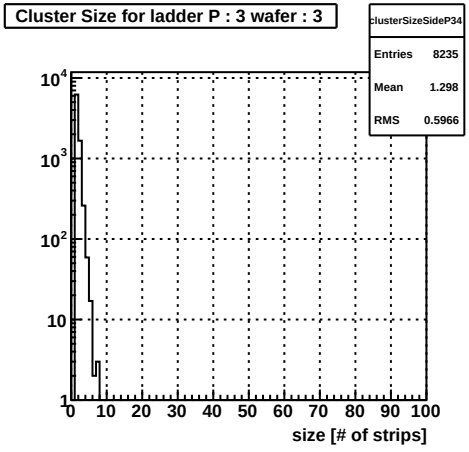

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 8691
Mean 1.451
RMS 0.7218
size [# of strips]

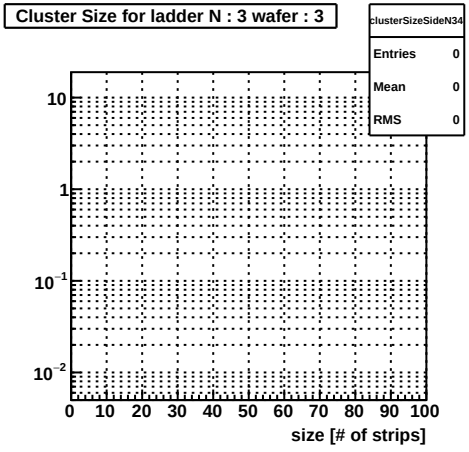

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 5278
Mean 1.193
RMS 0.5269
size [# of strips]

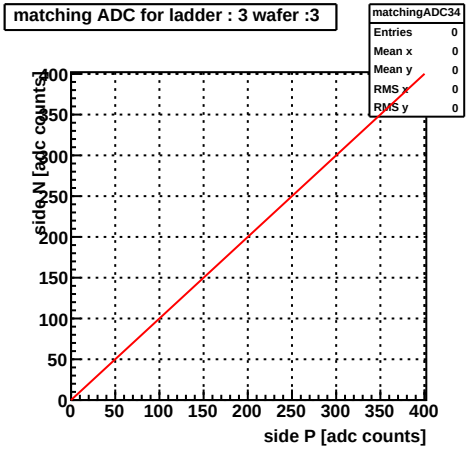

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2124
Mean x 79.35
Mean y 54.69
RMS x 54.98
RMS y 45.65
side N [adc counts]
side P [adc counts]

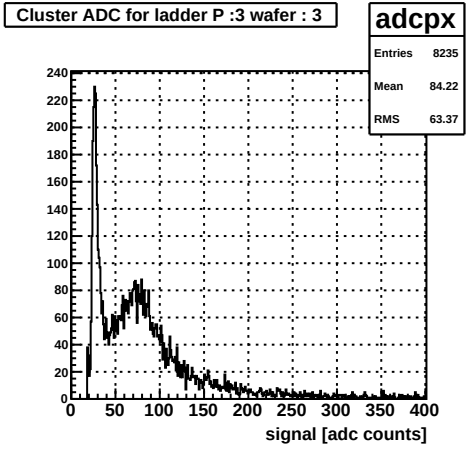

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 8691
Mean 101.2
RMS 68.12
signal [adc counts]

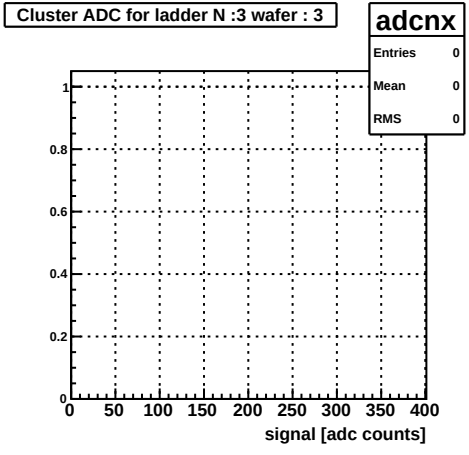

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 5278
Mean 41.11
RMS 37.9
signal [adc counts]

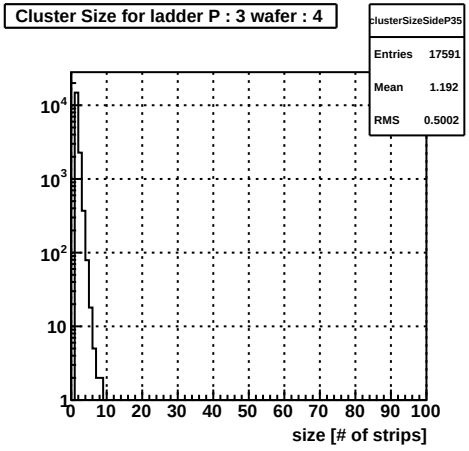

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8235
Mean 1.298
RMS 0.5966
size [# of strips]

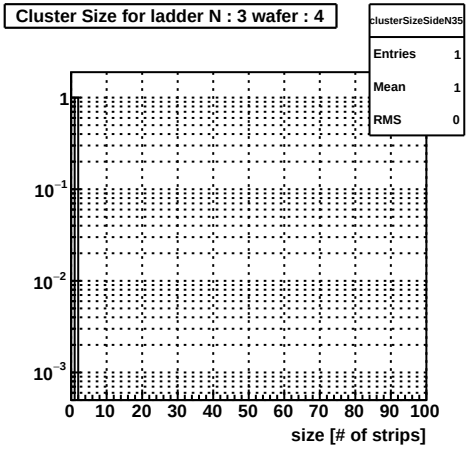

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

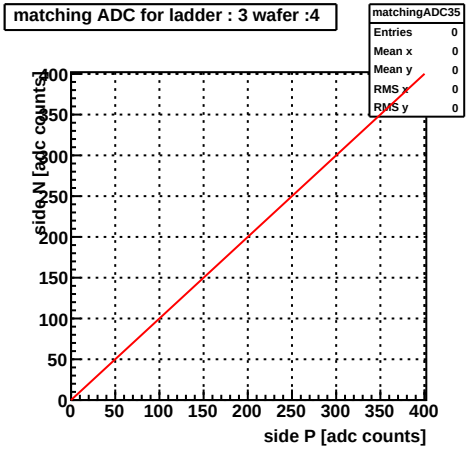

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

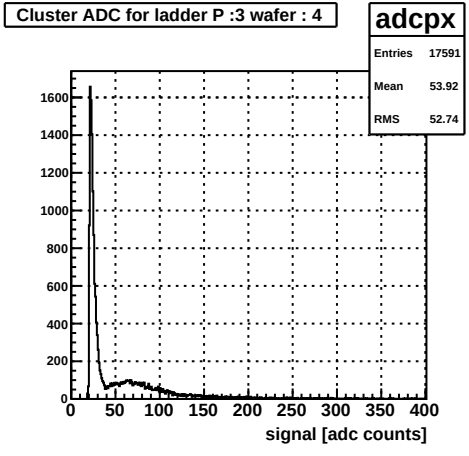

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8235
Mean 84.22
RMS 63.37
signal [adc counts]

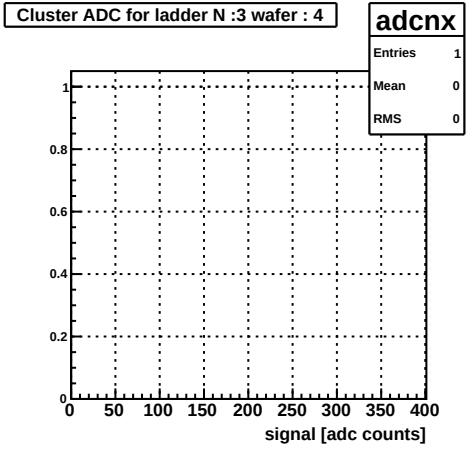

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

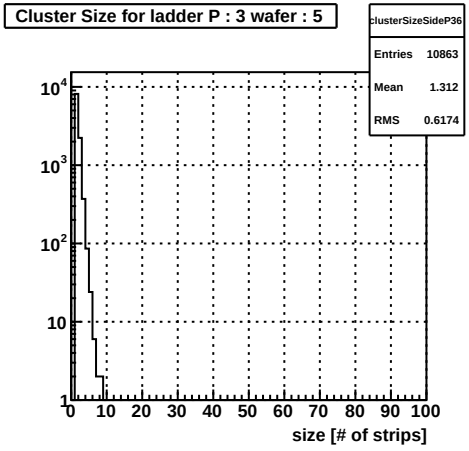

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17591
Mean 1.192
RMS 0.5002
size [# of strips]

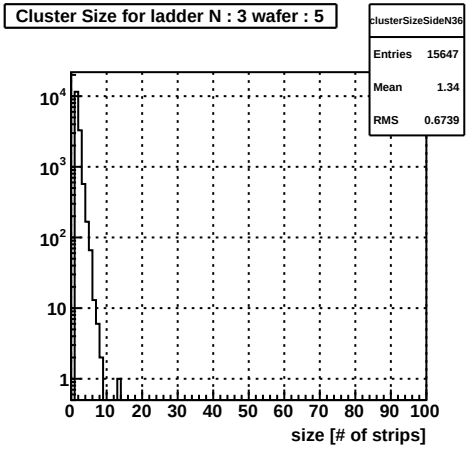

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

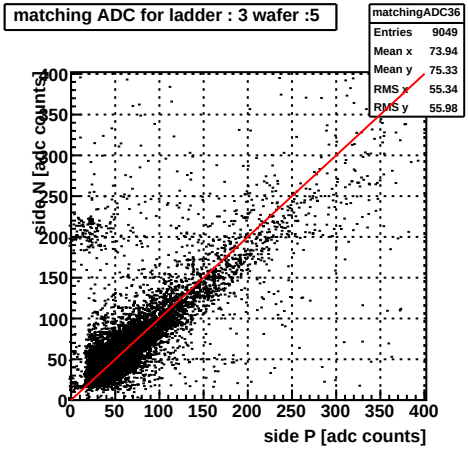

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

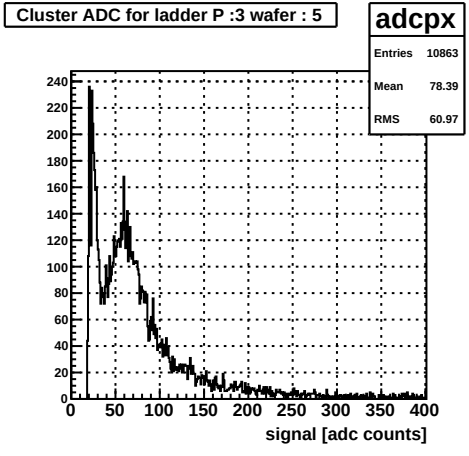

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17591
Mean 53.92
RMS 52.74
signal [adc counts]

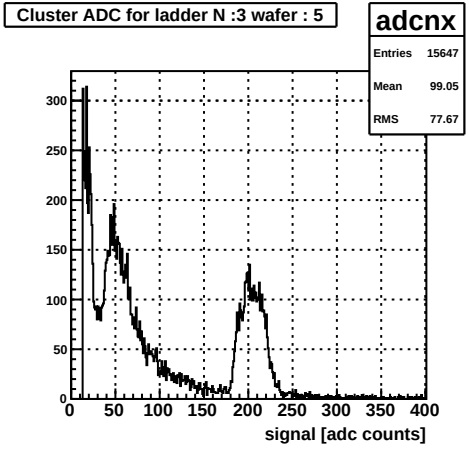

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

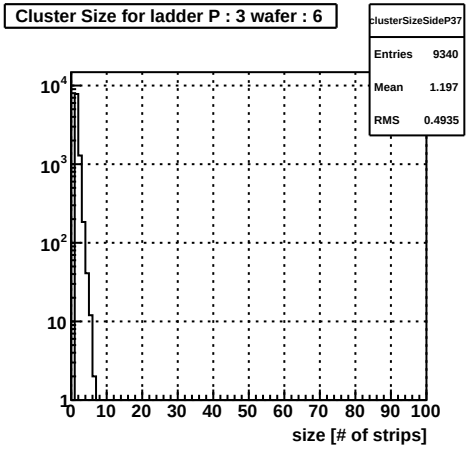

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 10863
Mean 1.312
RMS 0.6174
size [# of strips]

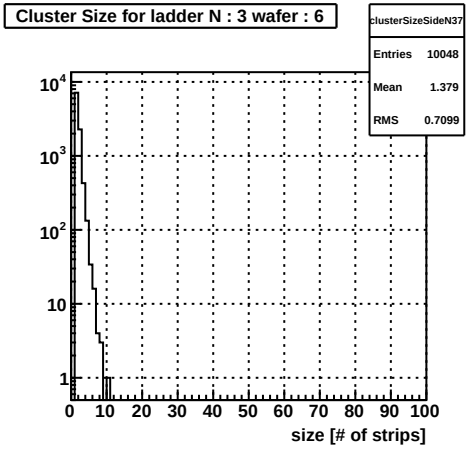

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 15647
Mean 1.34
RMS 0.6739
size [# of strips]

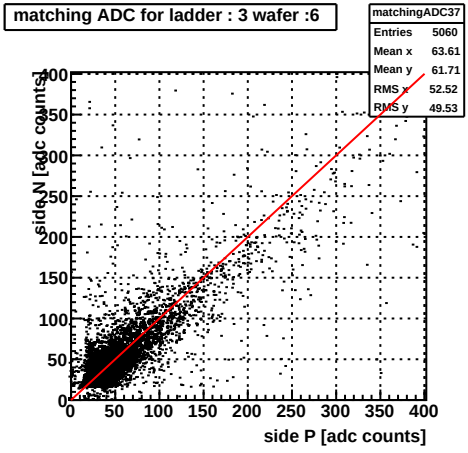

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 9049
Mean x 73.94
Mean y 75.33
RMS x 55.34
RMS y 55.98
side N [adc counts]
side P [adc counts]

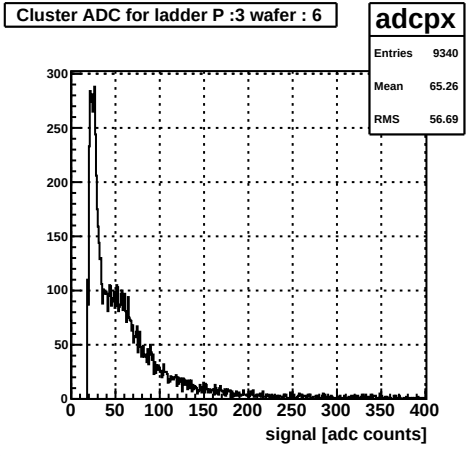

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 10863
Mean 78.39
RMS 60.97
signal [adc counts]

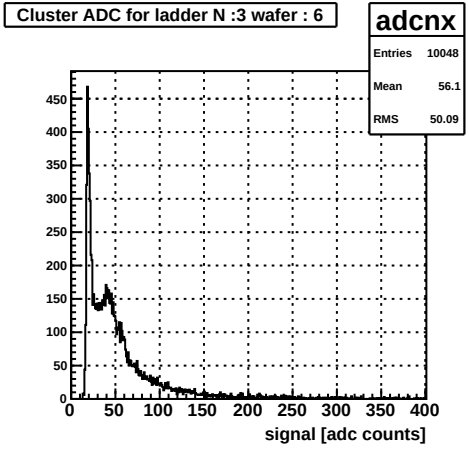

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 15647
Mean 99.05
RMS 77.67
signal [adc counts]

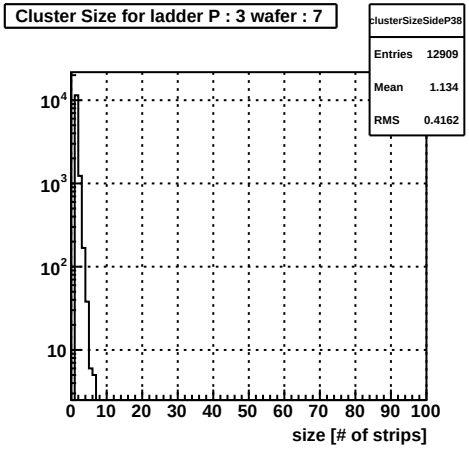

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9340
Mean 1.197
RMS 0.4935
size [# of strips]

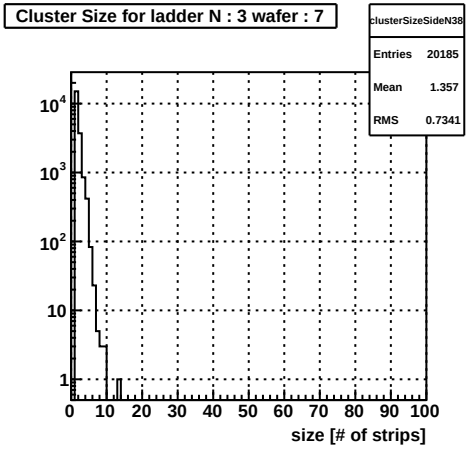

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 10048
Mean 1.379
RMS 0.7099
size [# of strips]

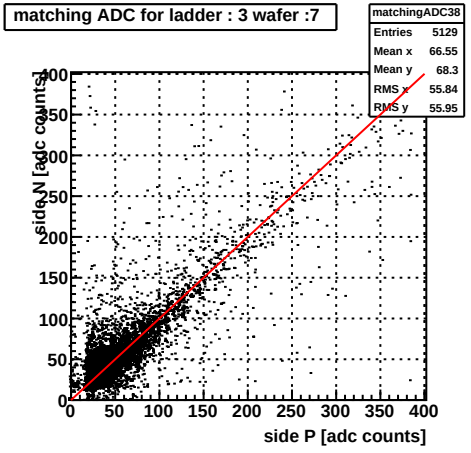

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 5060
Mean x 63.61
Mean y 61.71
RMS x 52.52
RMS y 49.53
side N [adc counts]
side P [adc counts]

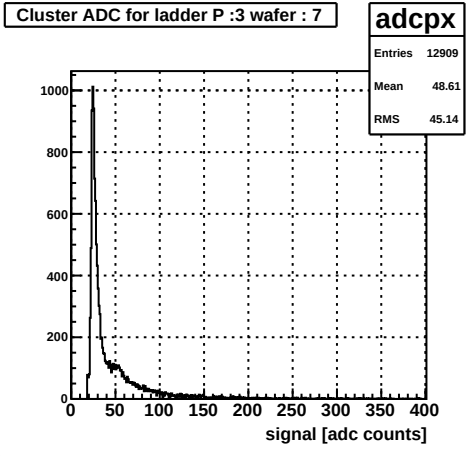

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9340
Mean 65.26
RMS 56.69
signal [adc counts]

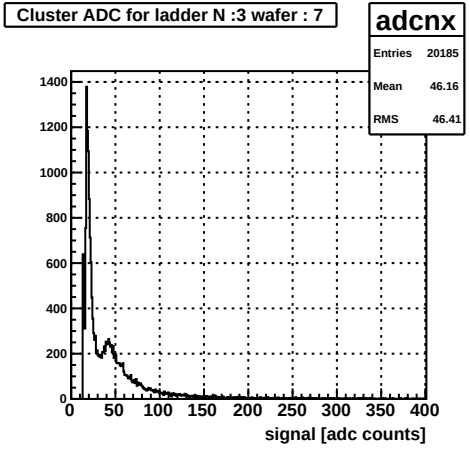

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 10048
Mean 56.1
RMS 50.09
signal [adc counts]

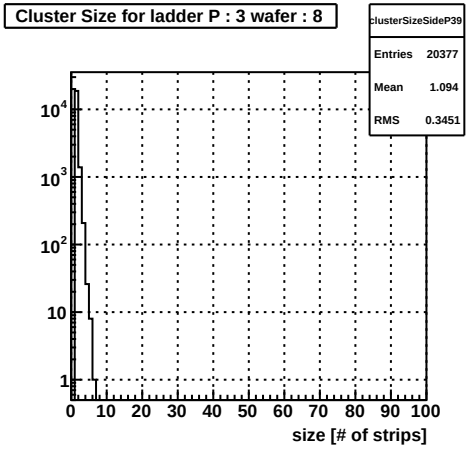

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 12909
Mean 1.134
RMS 0.4162
size [# of strips]

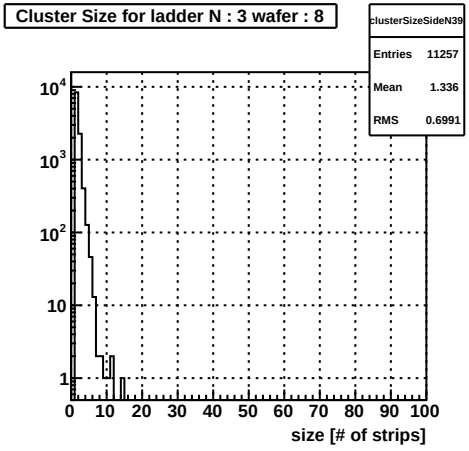

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 20185
Mean 1.357
RMS 0.7341
size [# of strips]

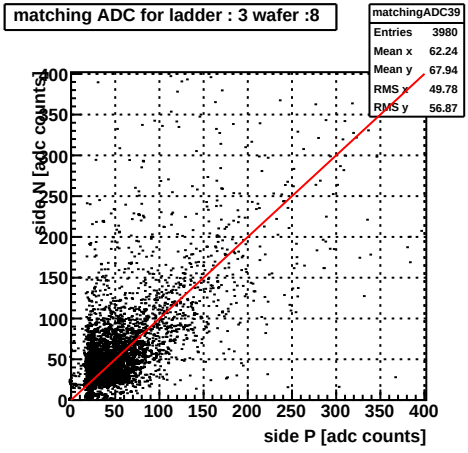

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5129
Mean x 66.55
Mean y 68.3
RMS x 55.84
RMS y 55.95
side N [adc counts]
side P [adc counts]

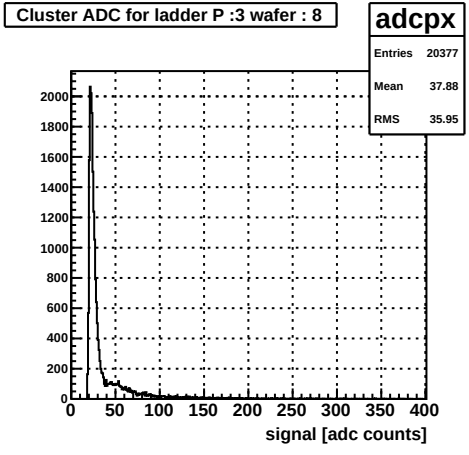

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 12909
Mean 48.61
RMS 45.14
signal [adc counts]

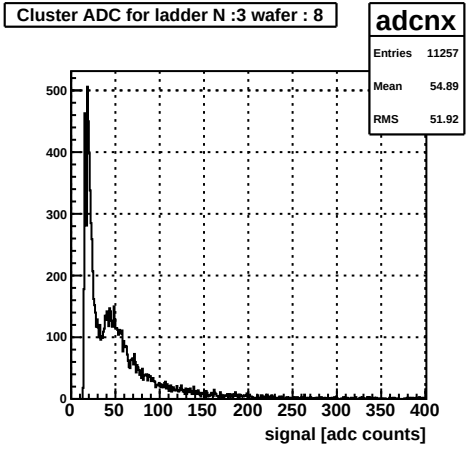

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 20185
Mean 46.16
RMS 46.41
signal [adc counts]

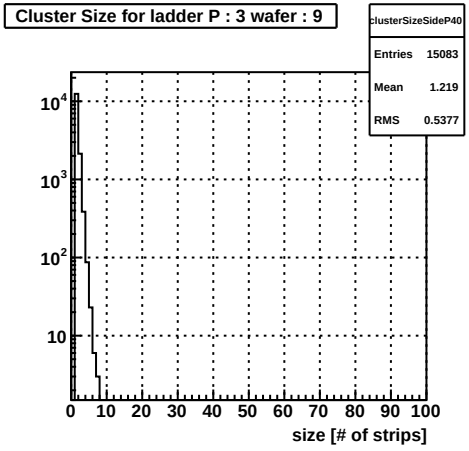

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 20377
Mean 1.094
RMS 0.3451
size [# of strips]

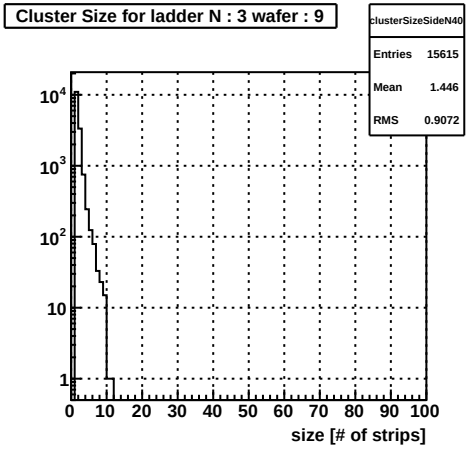

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 11257
Mean 1.336
RMS 0.6991
size [# of strips]

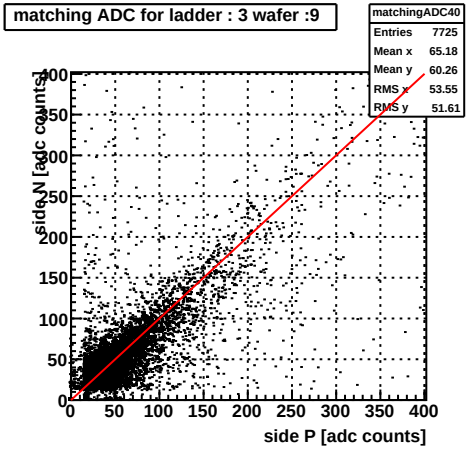

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 3980
Mean x 62.24
Mean y 67.94
RMS x 49.78
RMS y 56.87
side N [adc counts]
side P [adc counts]

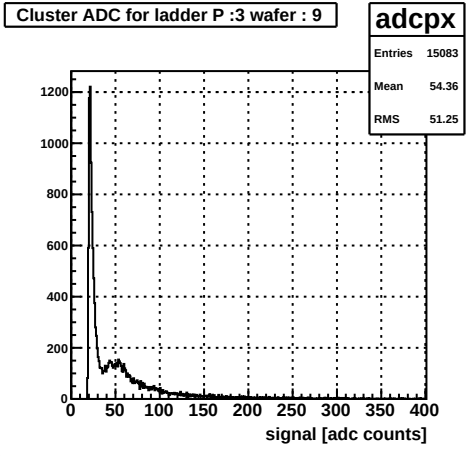

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 20377
Mean 37.88
RMS 35.95
signal [adc counts]

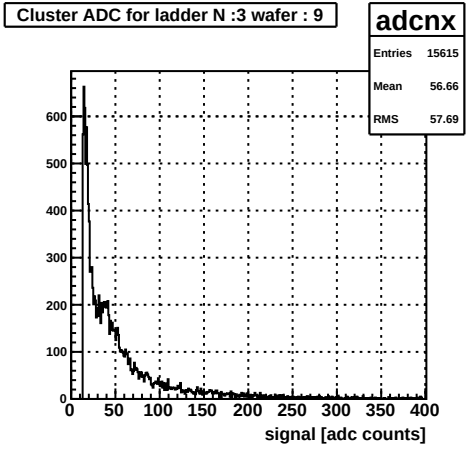

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 11257
Mean 54.89
RMS 51.92
signal [adc counts]

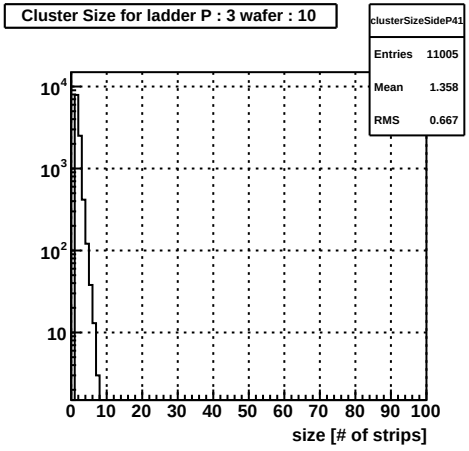

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 15083
Mean 1.219
RMS 0.5377
size [# of strips]

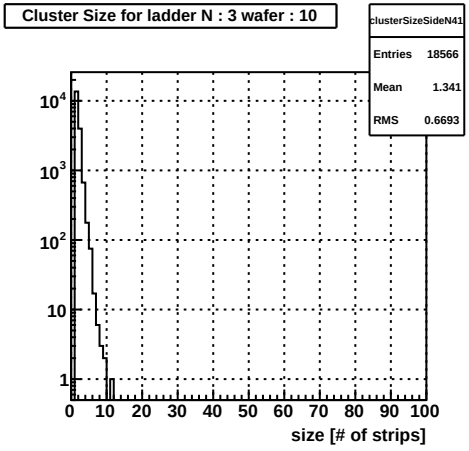

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 15615
Mean 1.446
RMS 0.9072
size [# of strips]

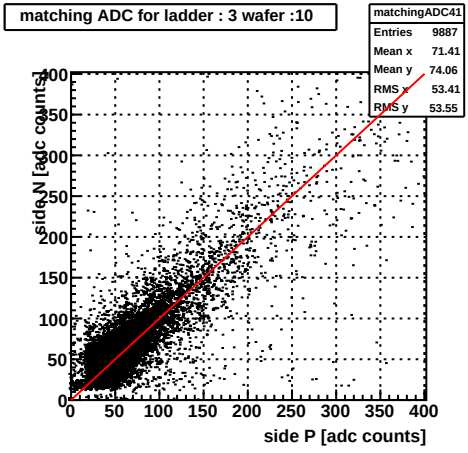

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 7725
Mean x 65.18
Mean y 60.26
RMS x 53.55
RMS y 51.61
side N [adc counts]
side P [adc counts]

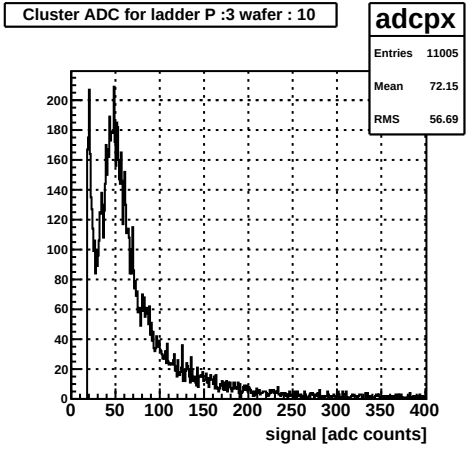

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 15083
Mean 54.36
RMS 51.25
signal [adc counts]

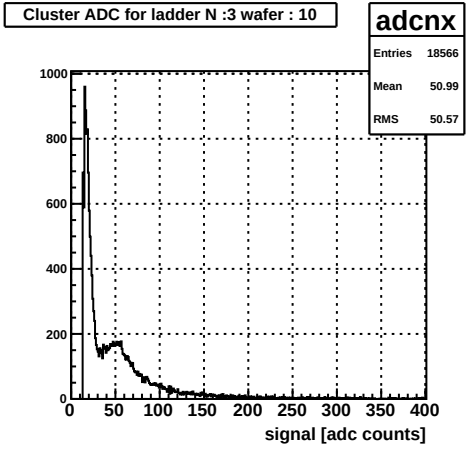

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 15615
Mean 56.66
RMS 57.69
signal [adc counts]

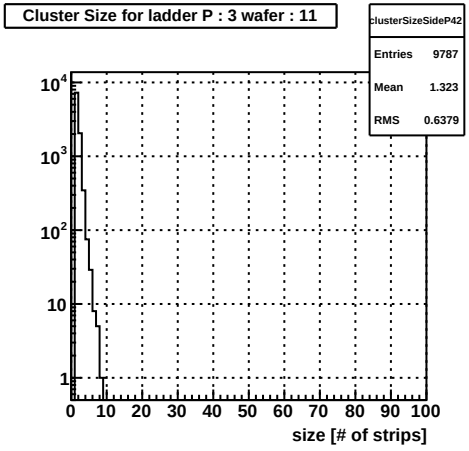

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 11005
Mean 1.358
RMS 0.667
size [# of strips]

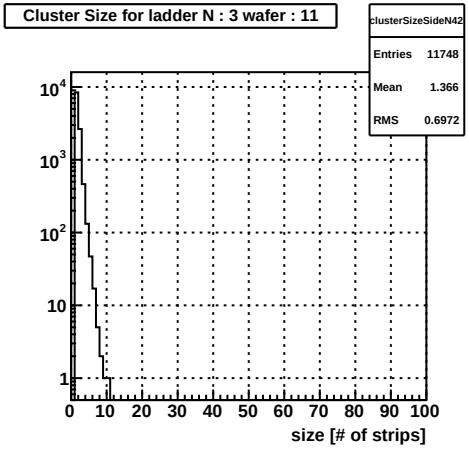

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 18566
Mean 1.341
RMS 0.6693
size [# of strips]

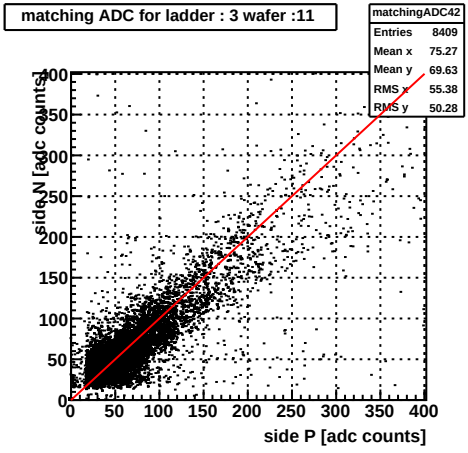

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 9887
Mean x 71.41
Mean y 74.06
RMS x 53.41
RMS y 53.55
side N [adc counts]
side P [adc counts]

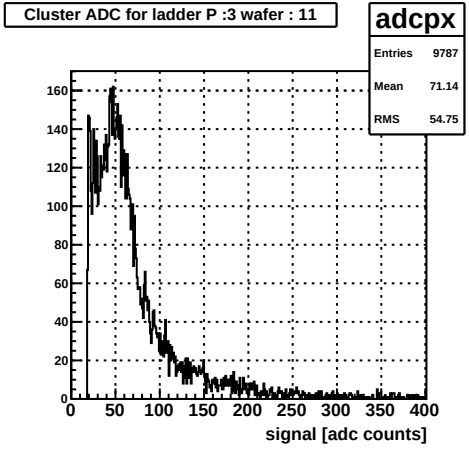

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 11005
Mean 72.15
RMS 56.69
signal [adc counts]

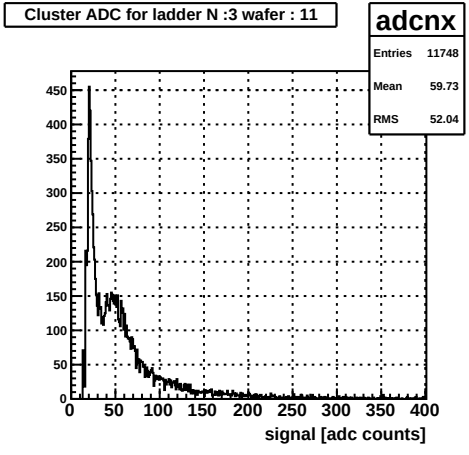

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 18566
Mean 50.99
RMS 50.57
signal [adc counts]

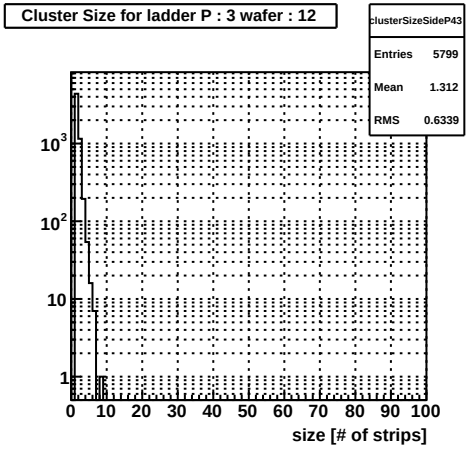

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 9787
Mean 1.323
RMS 0.6379
size [# of strips]

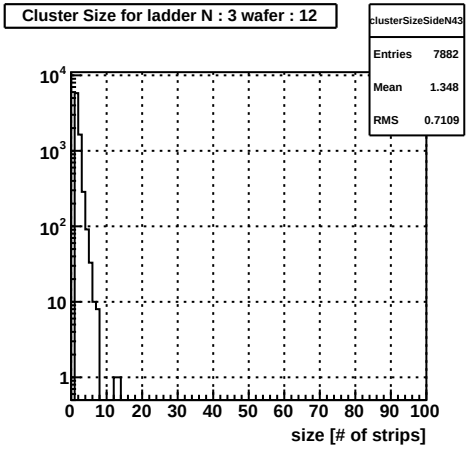

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 11748
Mean 1.366
RMS 0.6972
size [# of strips]

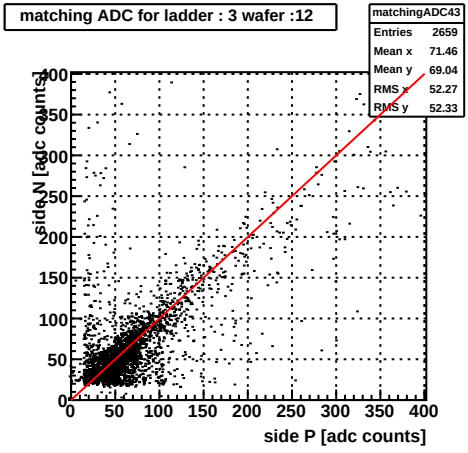

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 8409
Mean x 75.27
Mean y 69.63
RMS x 55.38
RMS y 50.28
side N [adc counts]
side P [adc counts]

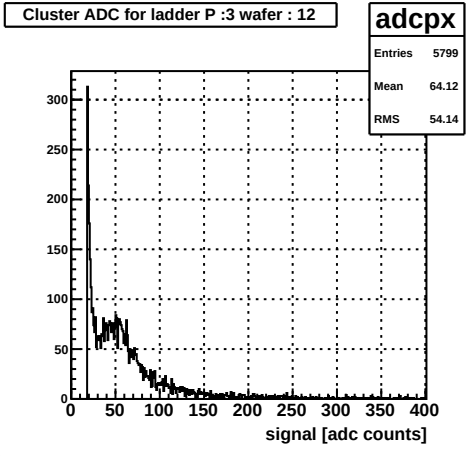

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 9787
Mean 71.14
RMS 54.75
signal [adc counts]

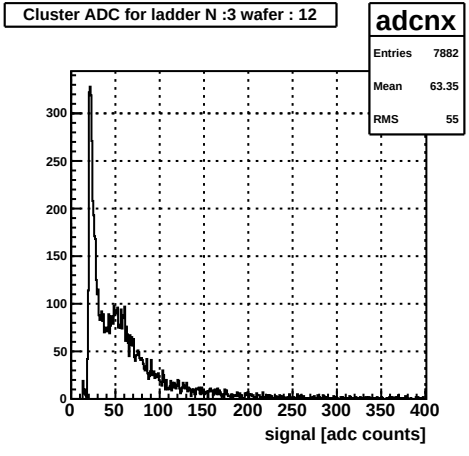

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 11748
Mean 59.73
RMS 52.04
signal [adc counts]

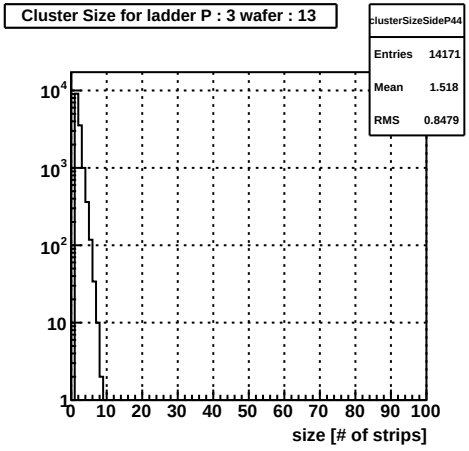

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 5799
Mean 1.312
RMS 0.6339
size [# of strips]

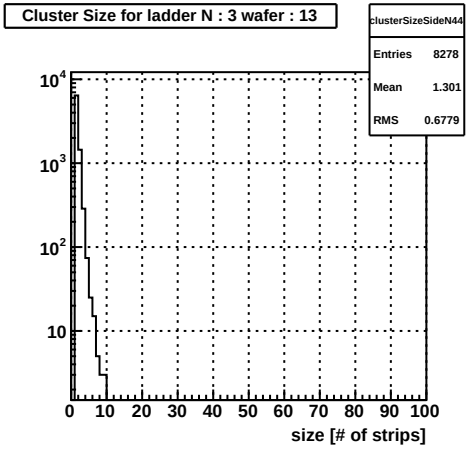

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 7882
Mean 1.348
RMS 0.7109
size [# of strips]

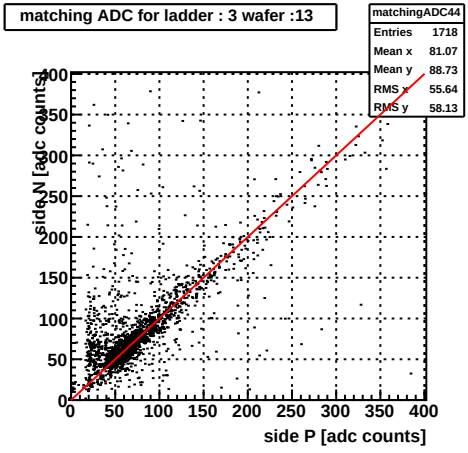

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2659
Mean x 71.46
Mean y 69.04
RMS x 52.27
RMS y 52.33
side N [adc counts]
side P [adc counts]

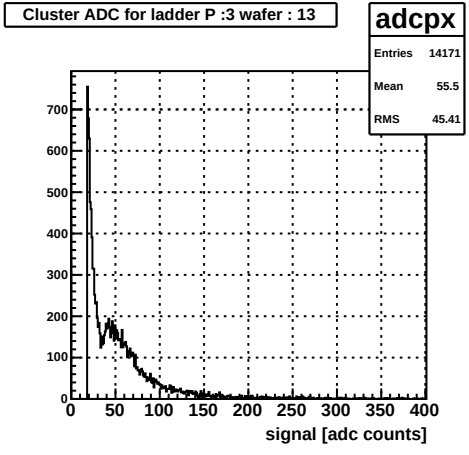

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 5799
Mean 64.12
RMS 54.14
signal [adc counts]

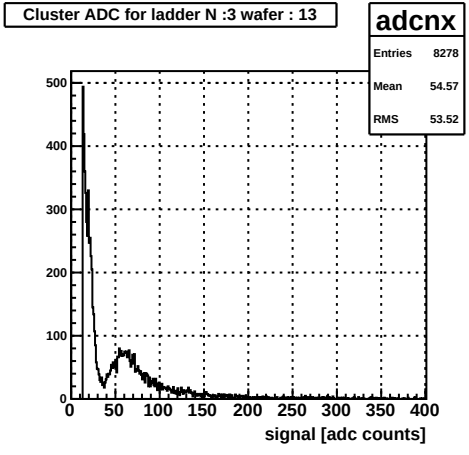

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 7882
Mean 63.35
RMS 55
signal [adc counts]

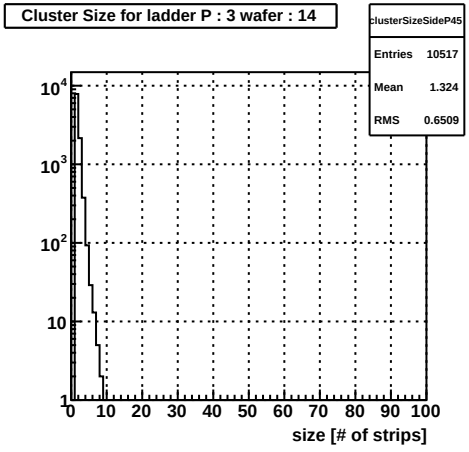

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 14171
Mean 1.518
RMS 0.8479
size [# of strips]

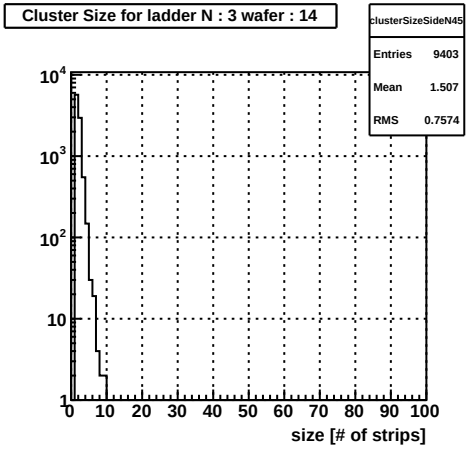

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 8278
Mean 1.301
RMS 0.6779
size [# of strips]

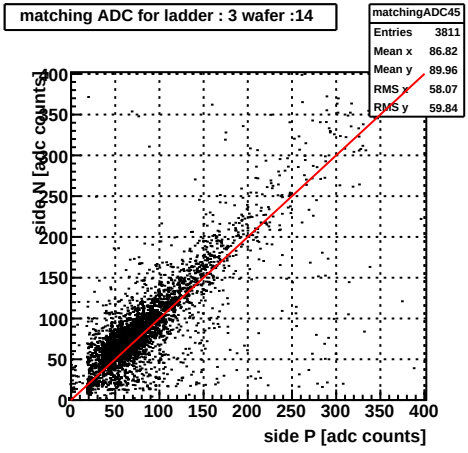

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1718
Mean x 81.07
Mean y 88.73
RMS x 55.64
RMS y 58.13
side N [adc counts]
side P [adc counts]

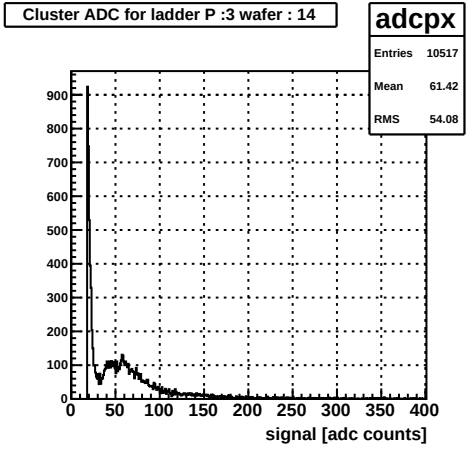

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 14171
Mean 55.5
RMS 45.41
signal [adc counts]

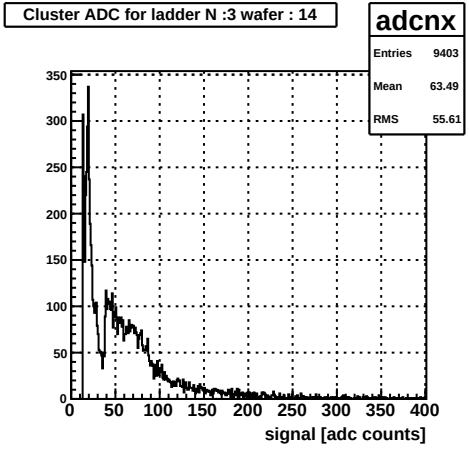

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 8278
Mean 54.57
RMS 53.52
signal [adc counts]

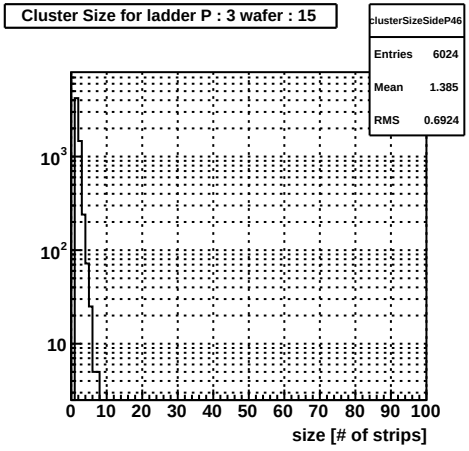

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 10517
Mean 1.324
RMS 0.6509
size [# of strips]

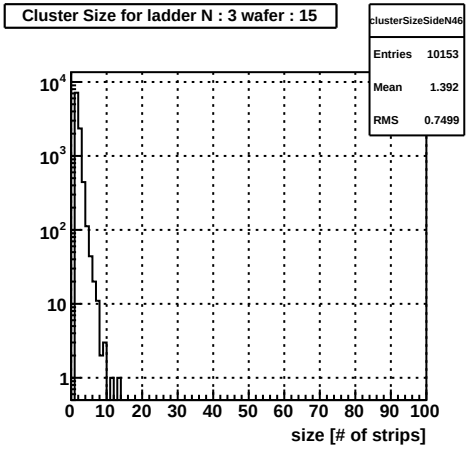

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 9403
Mean 1.507
RMS 0.7574
size [# of strips]

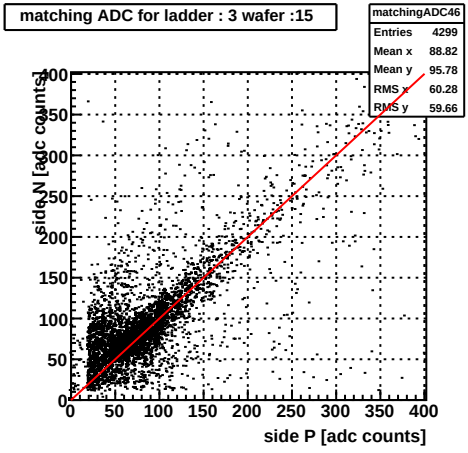

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3811
Mean x 86.82
Mean y 89.96
RMS x 58.07
RMS y 59.84
side N [adc counts]
side P [adc counts]

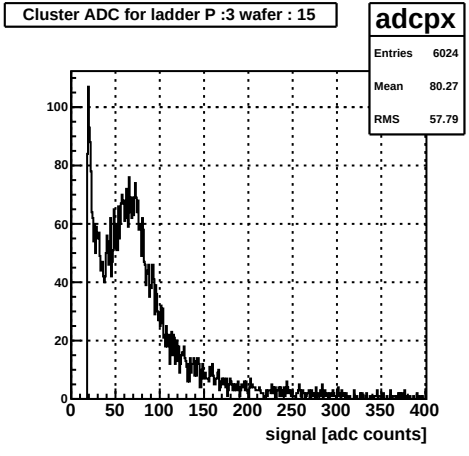

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 10517
Mean 61.42
RMS 54.08
signal [adc counts]

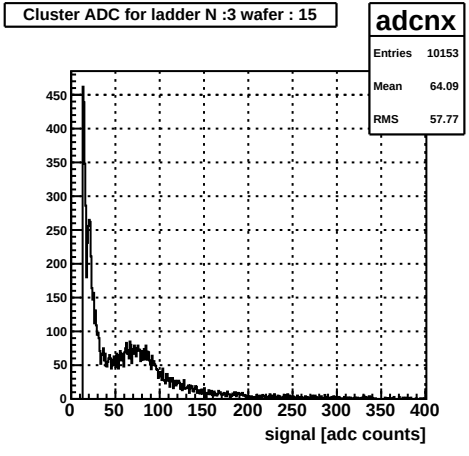

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 9403
Mean 63.49
RMS 55.61
signal [adc counts]

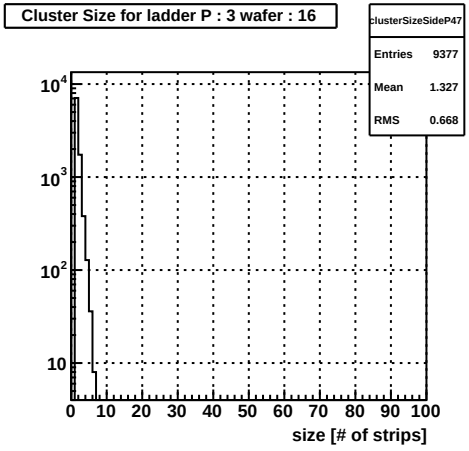

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 6024
Mean 1.385
RMS 0.6924
size [# of strips]

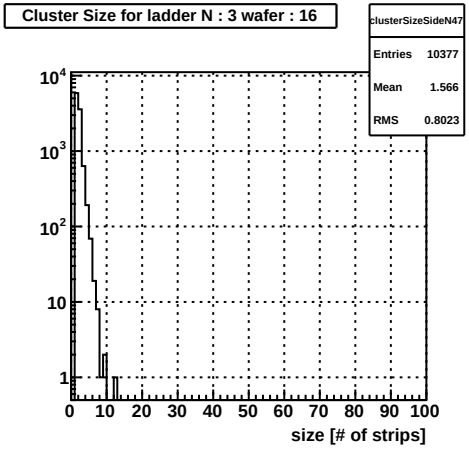

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 10153
Mean 1.392
RMS 0.7499
size [# of strips]

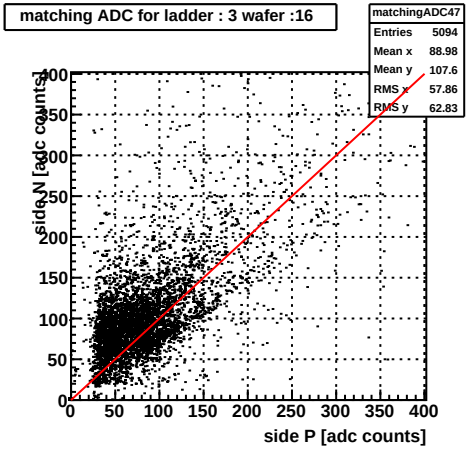

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 4299
Mean x 88.82
Mean y 95.78
RMS x 60.28
RMS y 59.66
side N [adc counts]
side P [adc counts]

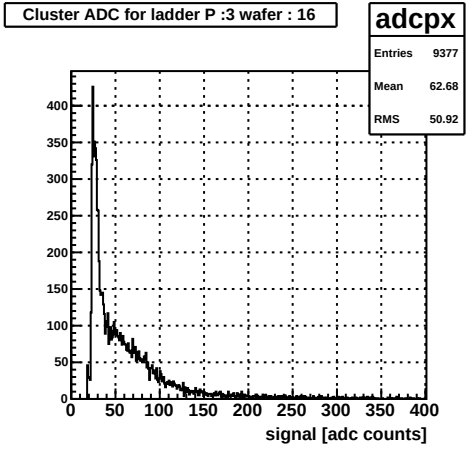

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 6024
Mean 80.27
RMS 57.79
signal [adc counts]

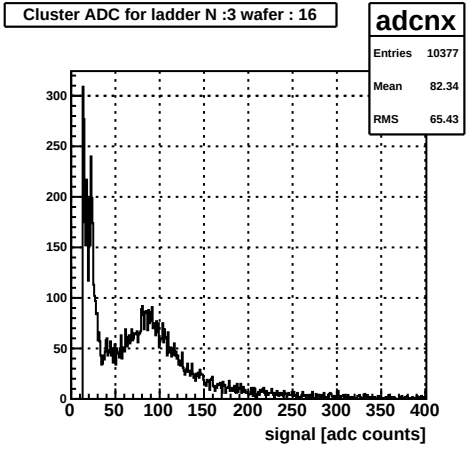

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 10153
Mean 64.09
RMS 57.77
signal [adc counts]

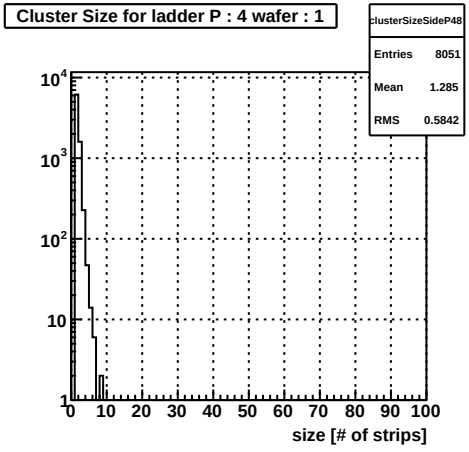

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 9377
Mean 1.327
RMS 0.668
size [# of strips]

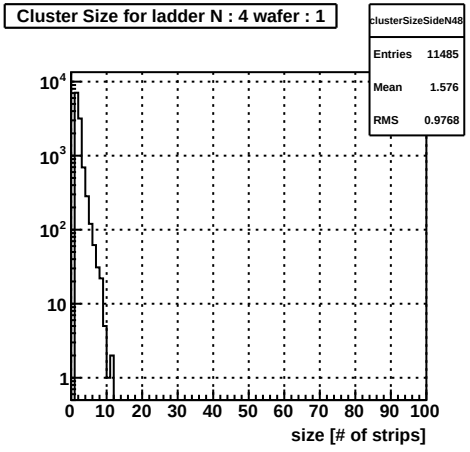

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 10377
Mean 1.566
RMS 0.8023
size [# of strips]

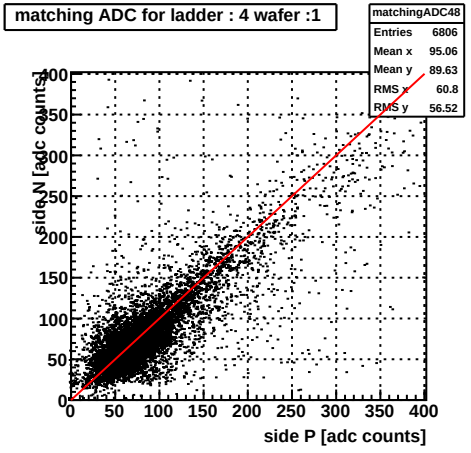

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 5094
Mean x 88.98
Mean y 107.6
RMS x 57.86
RMS y 62.83
side N [adc counts]
side P [adc counts]

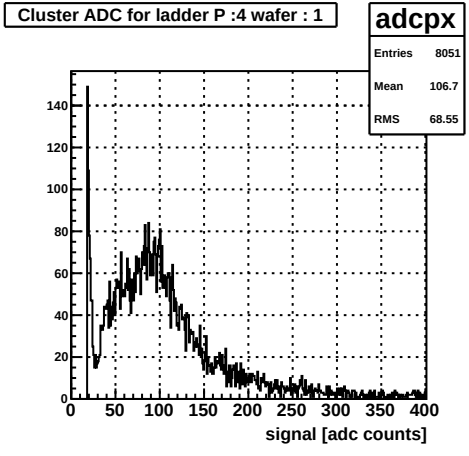

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 9377
Mean 62.68
RMS 50.92
signal [adc counts]

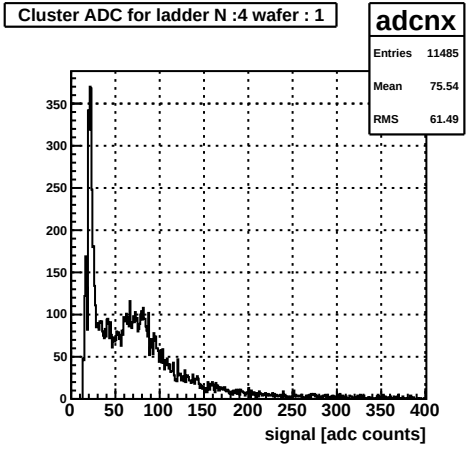

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 10377
Mean 82.34
RMS 65.43
signal [adc counts]

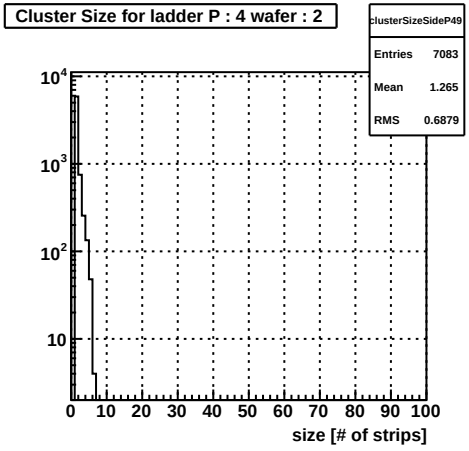

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 8051
Mean 1.285
RMS 0.5842
size [# of strips]

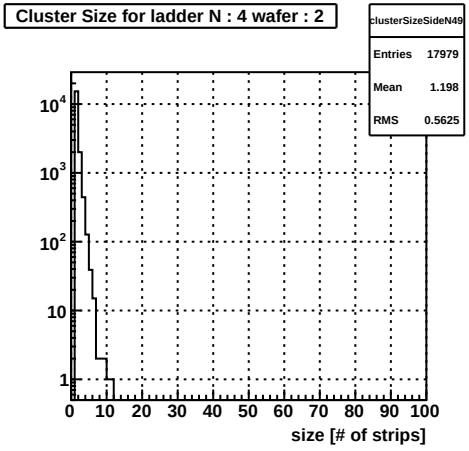

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 11485
Mean 1.576
RMS 0.9768
size [# of strips]

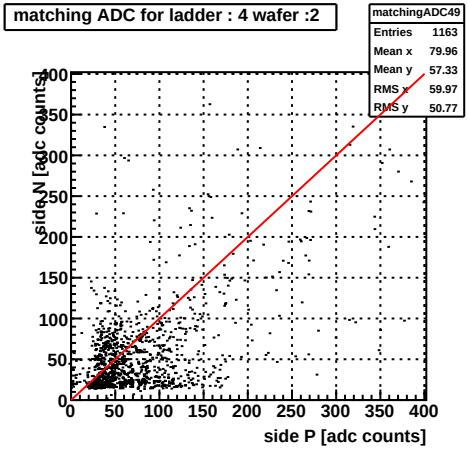

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 6806
Mean x 95.06
Mean y 89.63
RMS x 60.8
RMS y 56.52
side N [adc counts]
side P [adc counts]

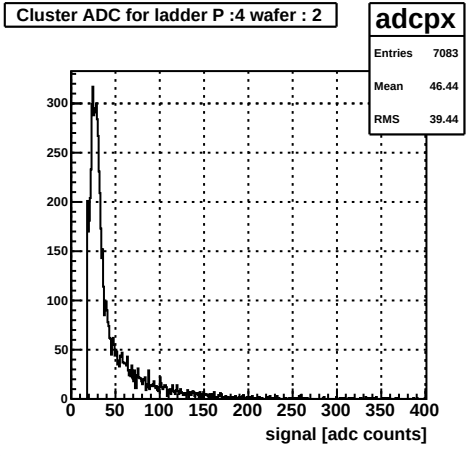

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 8051
Mean 106.7
RMS 68.55
signal [adc counts]

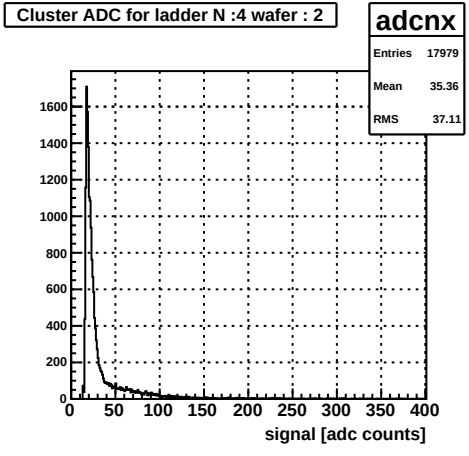

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 11485
Mean 75.54
RMS 61.49
signal [adc counts]

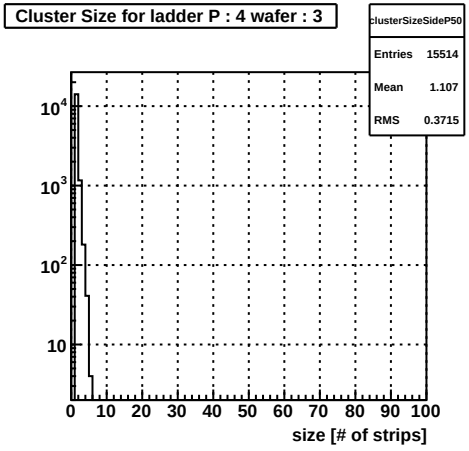

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7083
Mean 1.265
RMS 0.6879
size [# of strips]

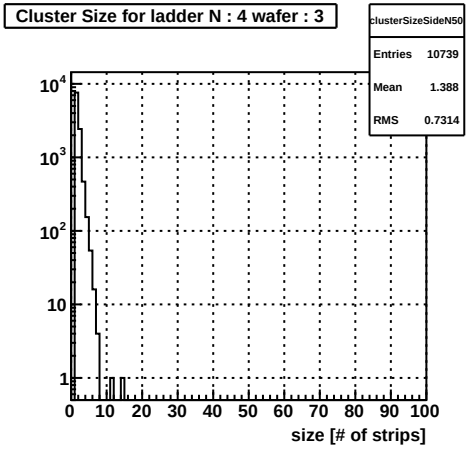

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 17979
Mean 1.198
RMS 0.5625
size [# of strips]

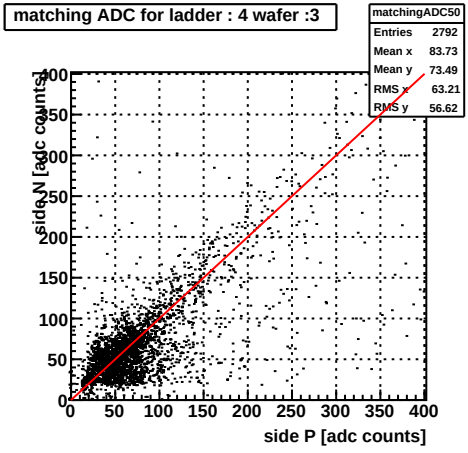

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1163
Mean x 79.96
Mean y 57.33
RMS x 59.97
RMS y 50.77
side N [adc counts]
side P [adc counts]

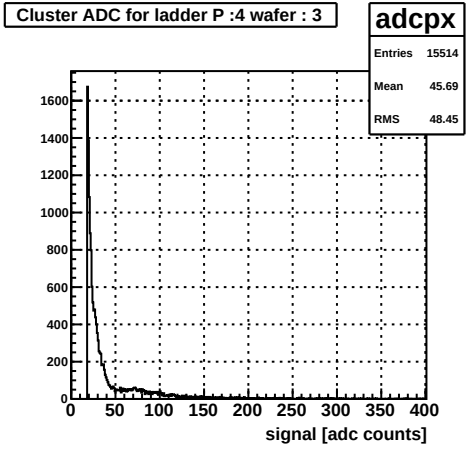

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7083
Mean 46.44
RMS 39.44
signal [adc counts]

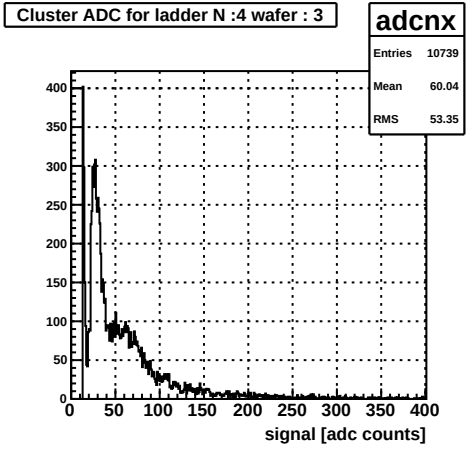

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 17979
Mean 35.36
RMS 37.11
signal [adc counts]

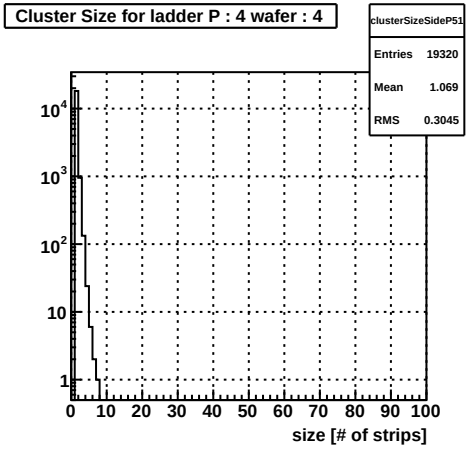

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 15514
Mean 1.107
RMS 0.3715
size [# of strips]

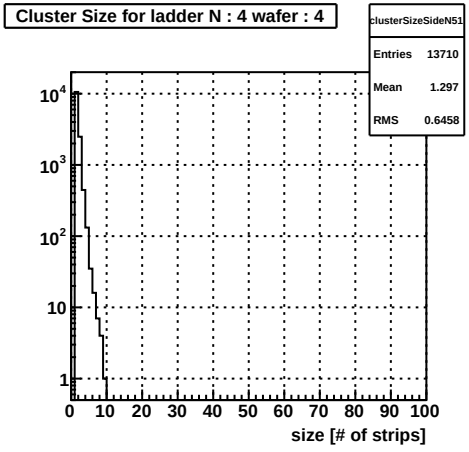

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 10739
Mean 1.388
RMS 0.7314
size [# of strips]

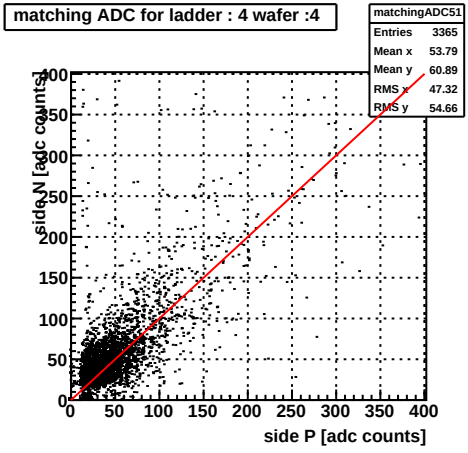

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2792
Mean x 83.73
Mean y 73.49
RMS x 63.21
RMS y 56.62
side N [adc counts]
side P [adc counts]

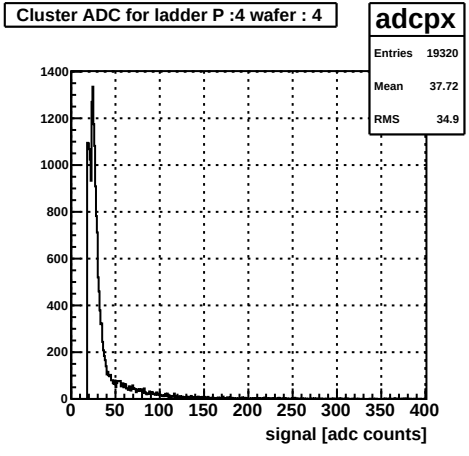

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 15514
Mean 45.69
RMS 48.45
signal [adc counts]

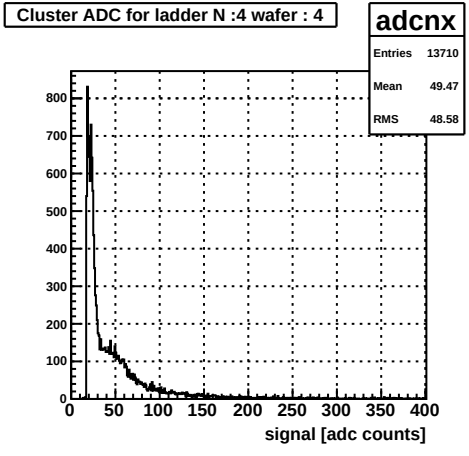

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 10739
Mean 60.04
RMS 53.35
signal [adc counts]

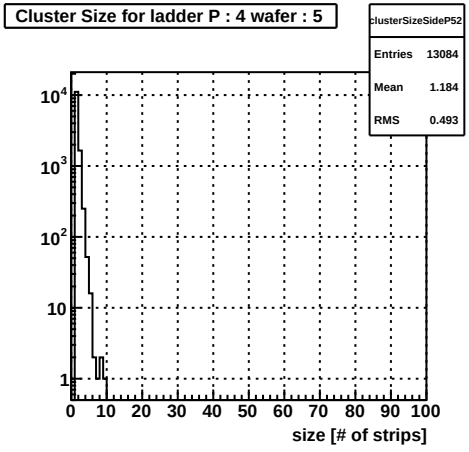

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 19320
Mean 1.069
RMS 0.3045
size [# of strips]

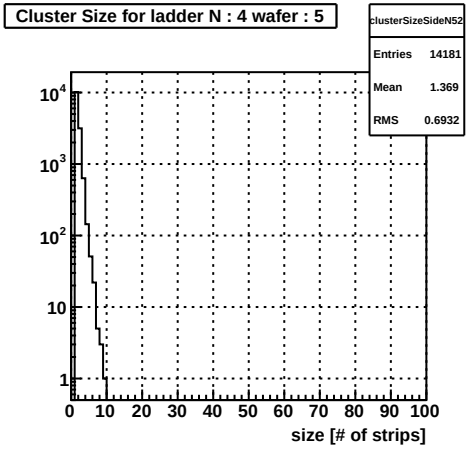

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 13710
Mean 1.297
RMS 0.6458
size [# of strips]

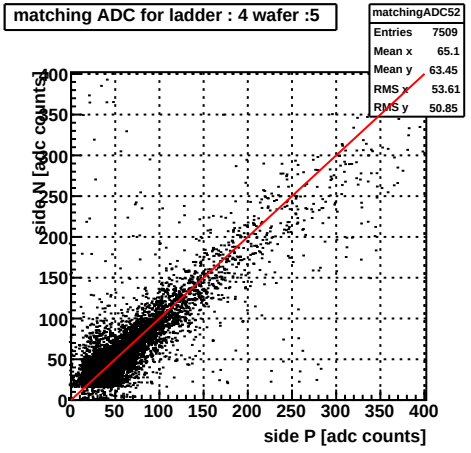

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3365
Mean x 53.79
Mean y 60.89
RMS x 47.32
RMS y 54.66
side N [adc counts]
side P [adc counts]

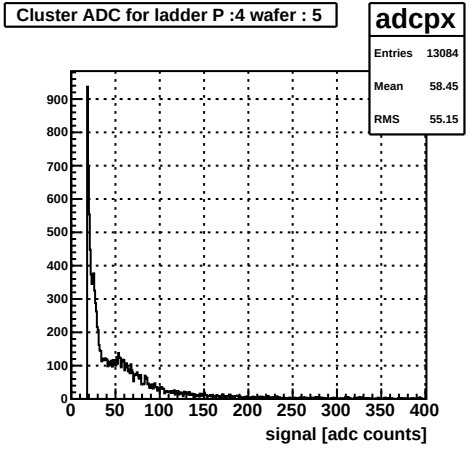

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 19320
Mean 37.72
RMS 34.9
signal [adc counts]

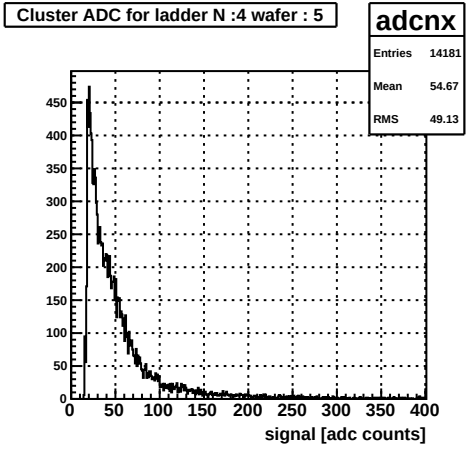

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 13710
Mean 49.47
RMS 48.58
signal [adc counts]

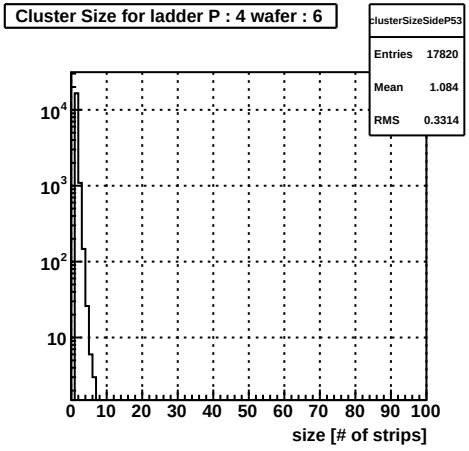

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 13084
Mean 1.184
RMS 0.493
size [# of strips]

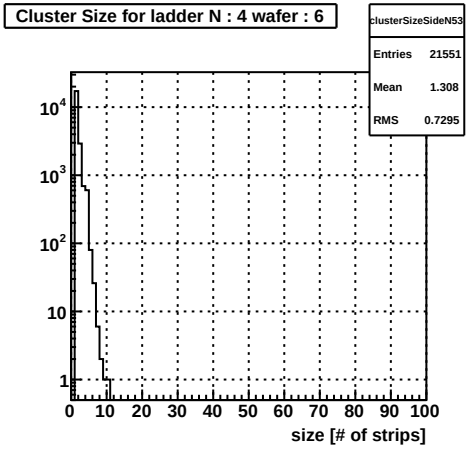

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 14181
Mean 1.369
RMS 0.6932
size [# of strips]

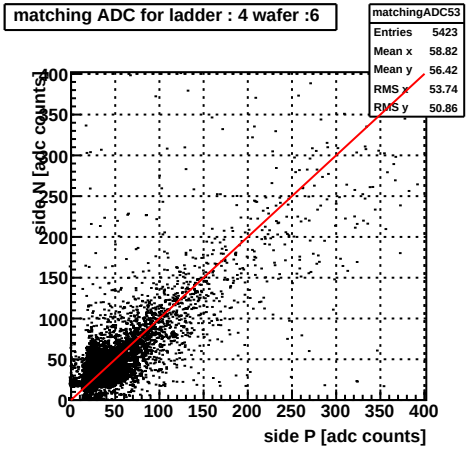

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 7509
Mean x 65.1
Mean y 63.45
RMS x 53.61
RMS y 50.85
side N [adc counts]
side P [adc counts]

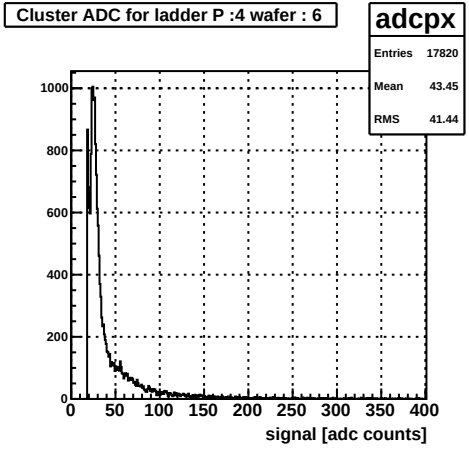

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 13084
Mean 58.45
RMS 55.15
signal [adc counts]

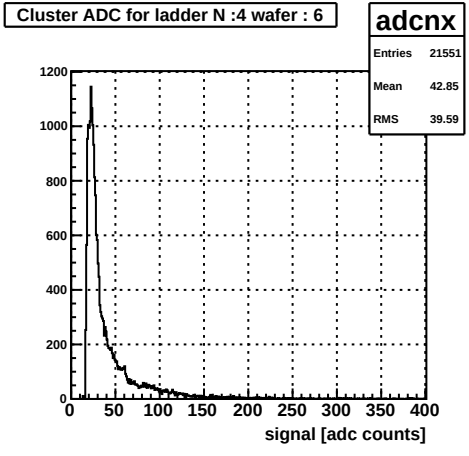

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 14181
Mean 54.67
RMS 49.13
signal [adc counts]

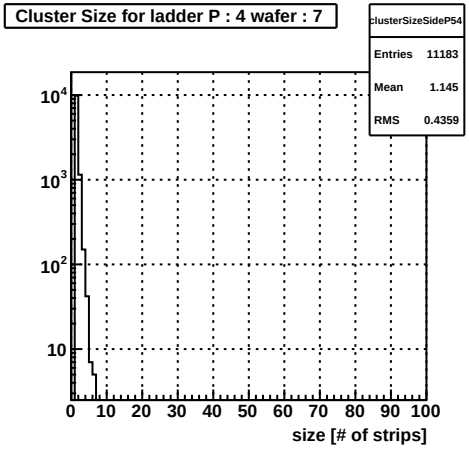

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 17820
Mean 1.084
RMS 0.3314
size [# of strips]

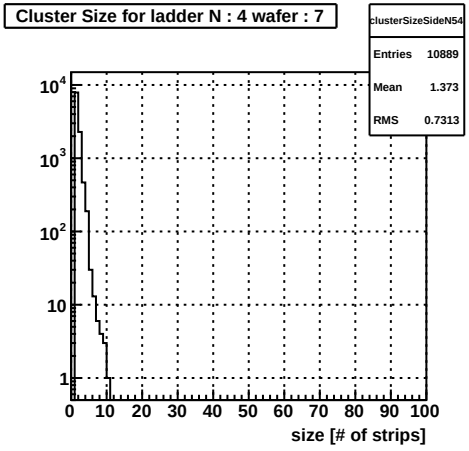

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 21551
Mean 1.308
RMS 0.7295
size [# of strips]

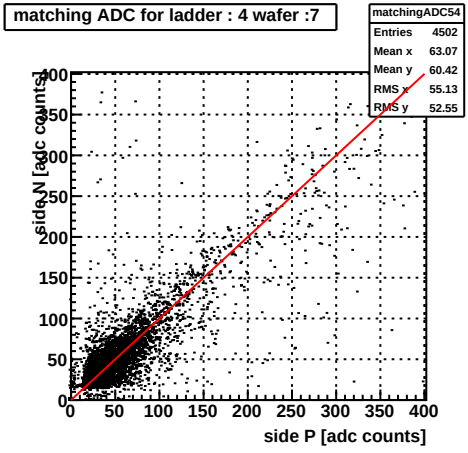

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5423
Mean x 58.82
Mean y 56.42
RMS x 53.74
RMS y 50.86
side N [adc counts]
side P [adc counts]

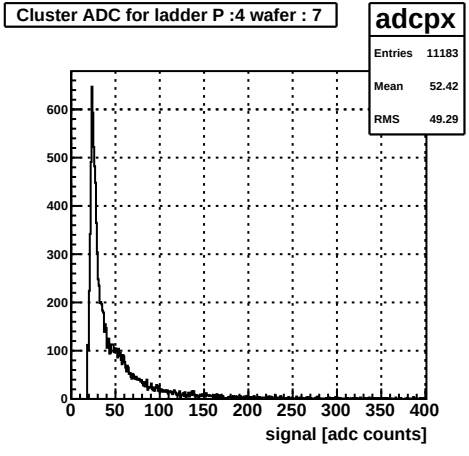

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 17820
Mean 43.45
RMS 41.44
signal [adc counts]

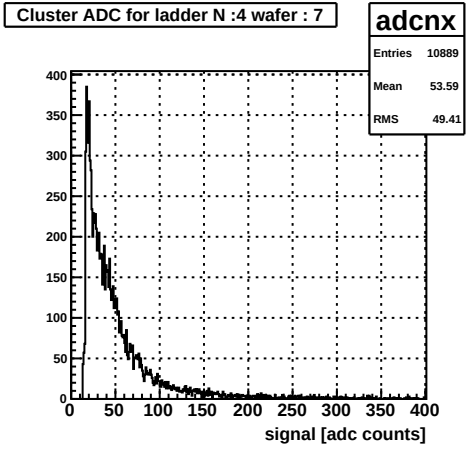

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 21551
Mean 42.85
RMS 39.59
signal [adc counts]

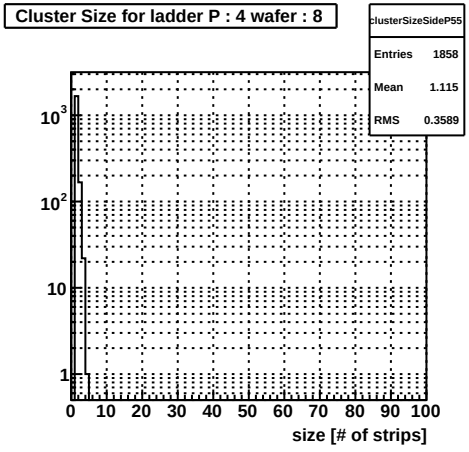

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 11183
Mean 1.145
RMS 0.4359
size [# of strips]

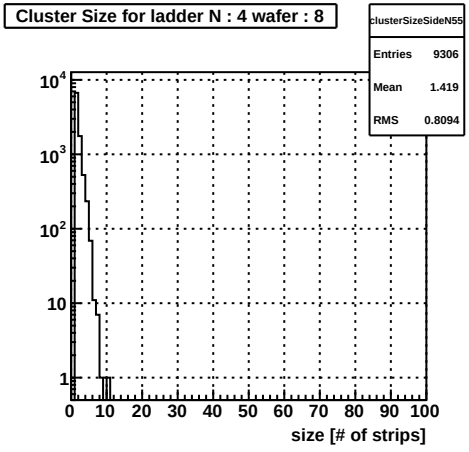

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 10889
Mean 1.373
RMS 0.7313
size [# of strips]

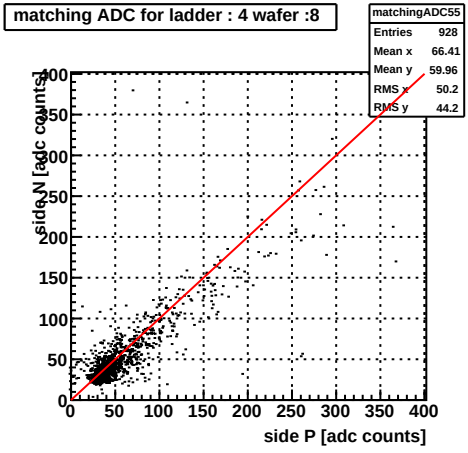

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 4502
Mean x 63.07
Mean y 60.42
RMS x 55.13
RMS y 52.55
side N [adc counts]
side P [adc counts]

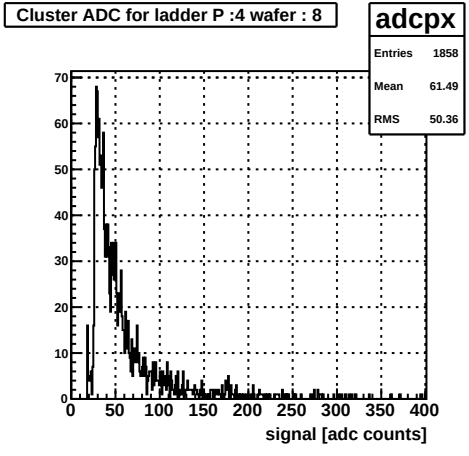

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 11183
Mean 52.42
RMS 49.29
signal [adc counts]

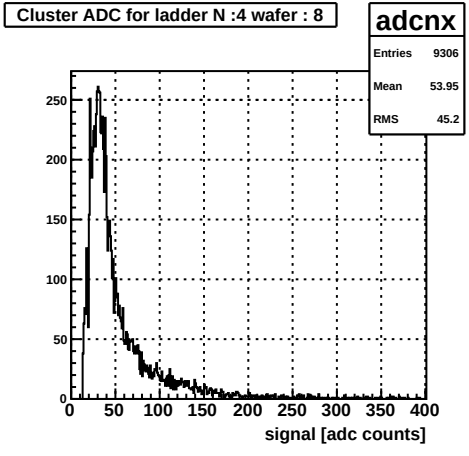

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 10889
Mean 53.59
RMS 49.41
signal [adc counts]

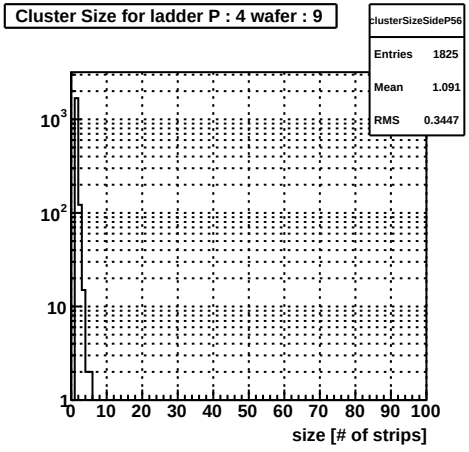

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1858
Mean 1.115
RMS 0.3589
size [# of strips]

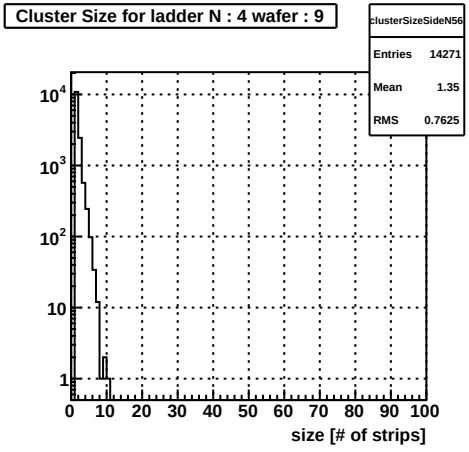

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 9306
Mean 1.419
RMS 0.8094
size [# of strips]

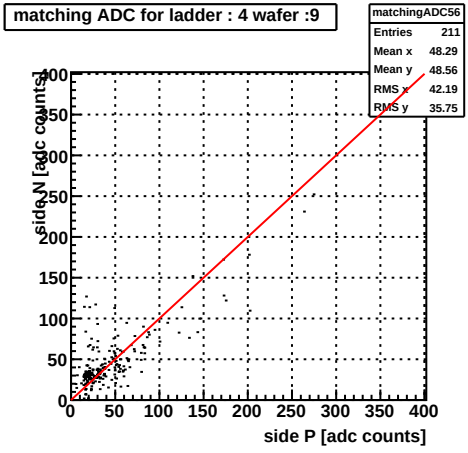

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 928
Mean x 66.41
Mean y 59.96
RMS x 50.2
RMS y 44.2
side N [adc counts]
side P [adc counts]

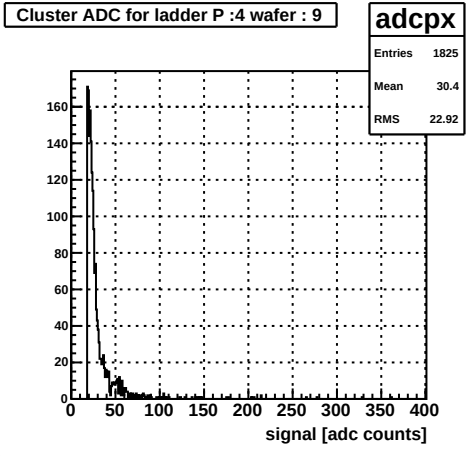

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1858
Mean 61.49
RMS 50.36
signal [adc counts]

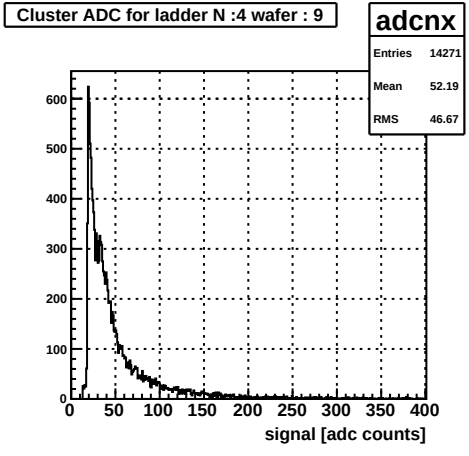

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 9306
Mean 53.95
RMS 45.2
signal [adc counts]

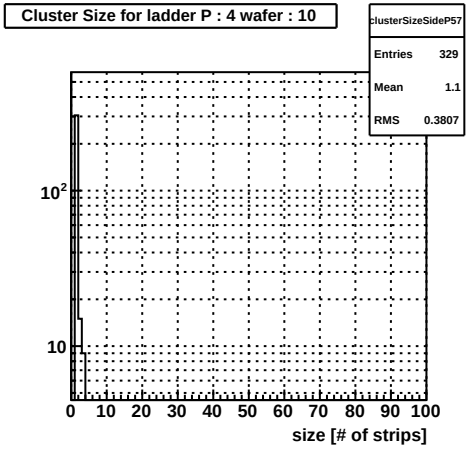

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1825
Mean 1.091
RMS 0.3447
size [# of strips]

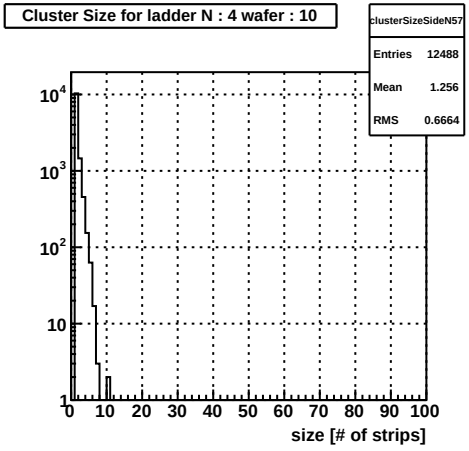

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 14271
Mean 1.35
RMS 0.7625
size [# of strips]

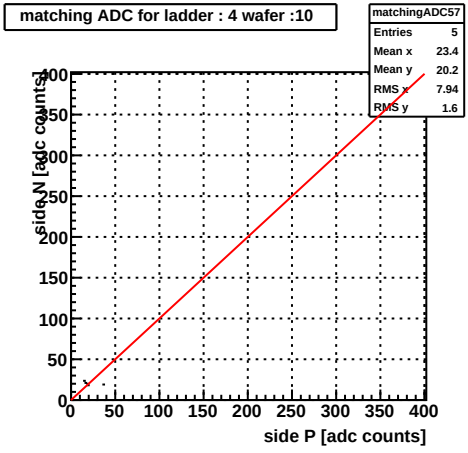

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 211
Mean x 48.29
Mean y 48.56
RMS x 42.19
RMS y 35.75
side N [adc counts]
side P [adc counts]

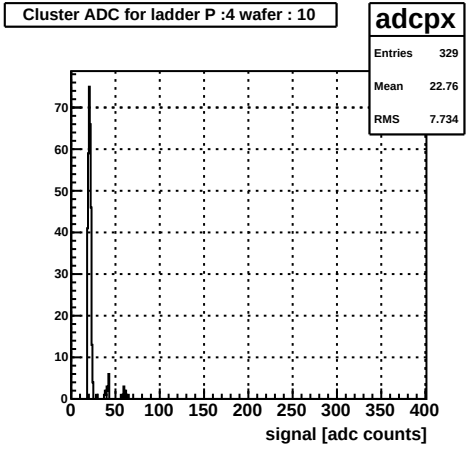

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1825
Mean 30.4
RMS 22.92
signal [adc counts]

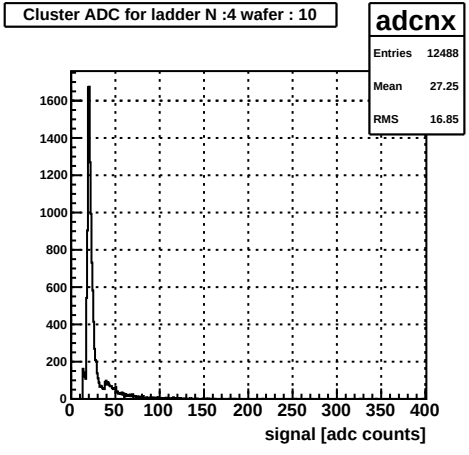

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 14271
Mean 52.19
RMS 46.67
signal [adc counts]

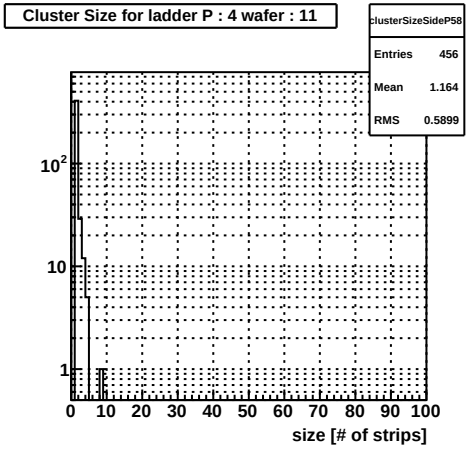

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 329
Mean 1.1
RMS 0.3807
size [# of strips]

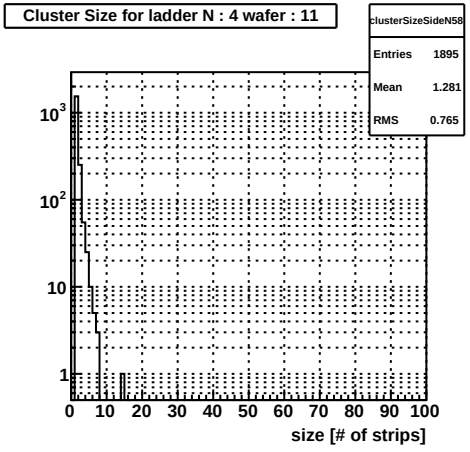

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12488
Mean 1.256
RMS 0.6664
size [# of strips]

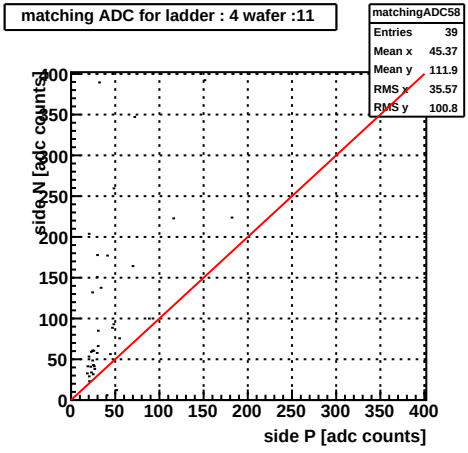

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 5
Mean x 23.4
Mean y 20.2
RMS x 7.94
RMS y 1.6
side N [adc counts]
side P [adc counts]

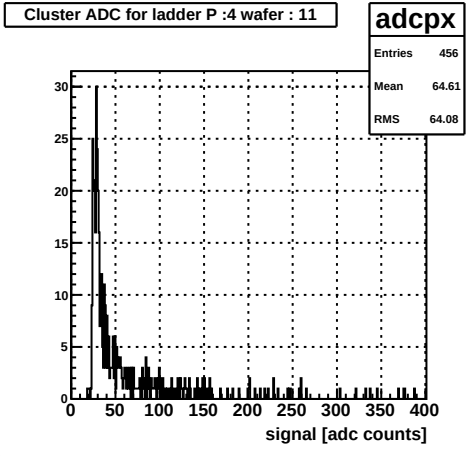

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 329
Mean 22.76
RMS 7.734
signal [adc counts]

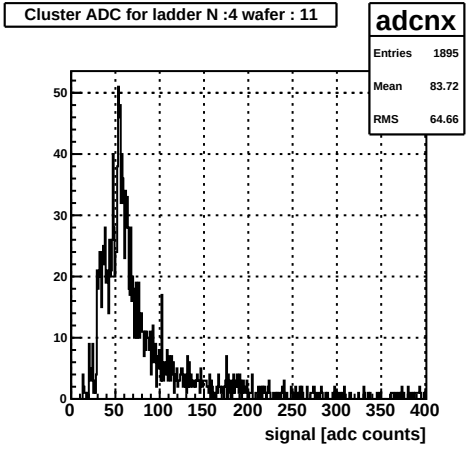

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12488
Mean 27.25
RMS 16.85
signal [adc counts]

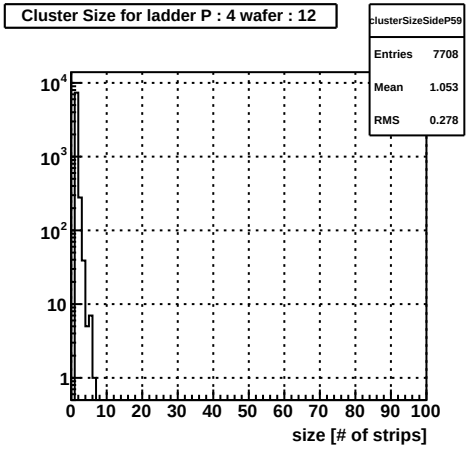

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 456
Mean 1.164
RMS 0.5899
size [# of strips]

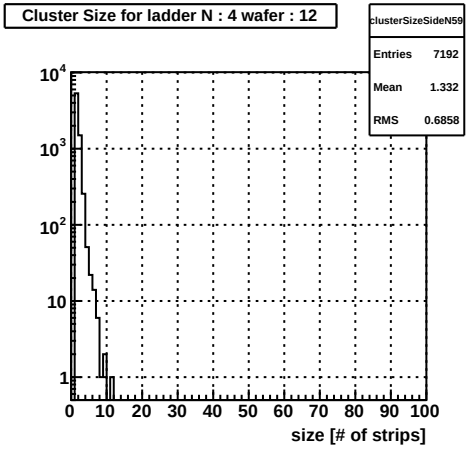

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1895
Mean 1.281
RMS 0.765
size [# of strips]

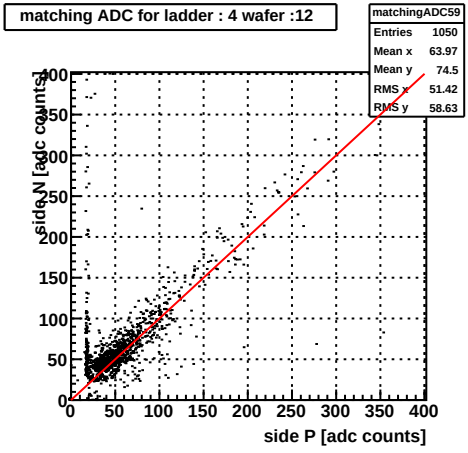

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 39
Mean x 45.37
Mean y 111.9
RMS x 35.57
RMS y 100.8
side N [adc counts]
side P [adc counts]

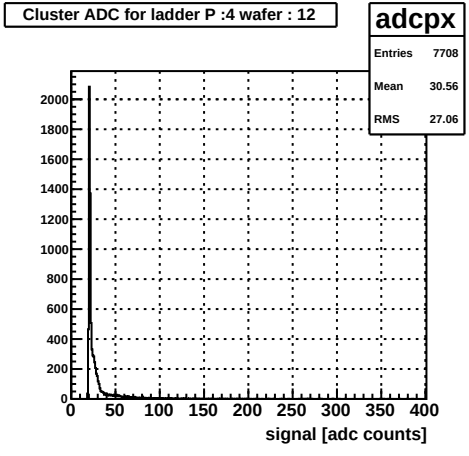

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 456
Mean 64.61
RMS 64.08
signal [adc counts]

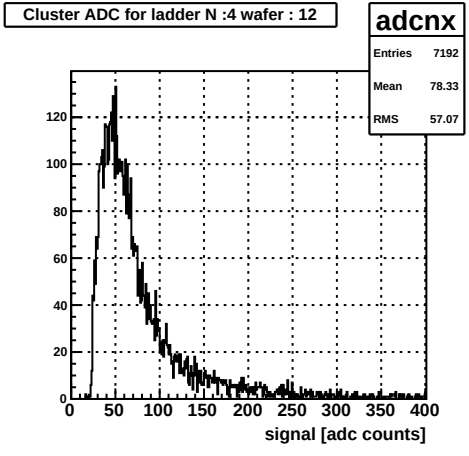

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1895
Mean 83.72
RMS 64.66
signal [adc counts]

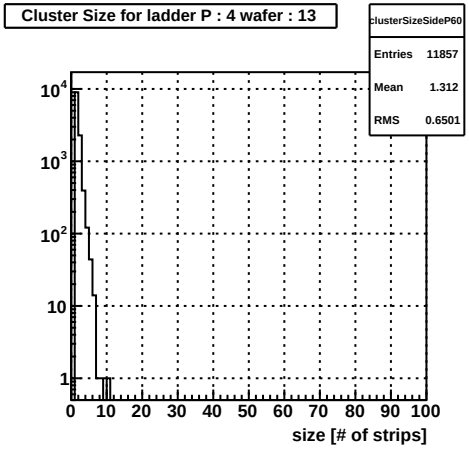

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7708
Mean 1.053
RMS 0.278
size [# of strips]

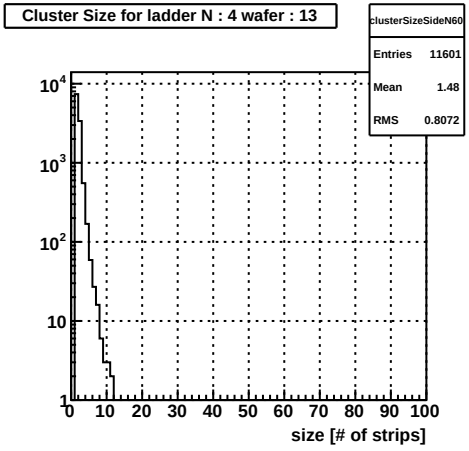

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 7192
Mean 1.332
RMS 0.6858
size [# of strips]

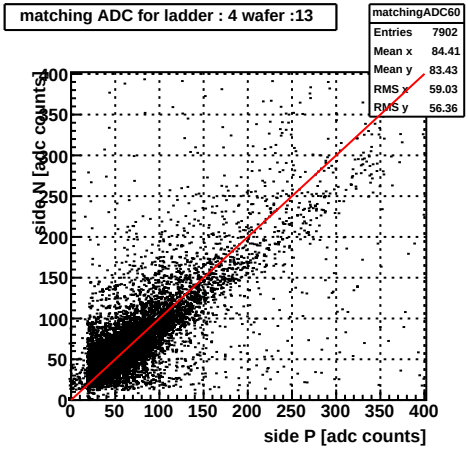

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1050
Mean x 63.97
Mean y 74.5
RMS x 51.42
RMS y 58.63
side N [adc counts]
side P [adc counts]

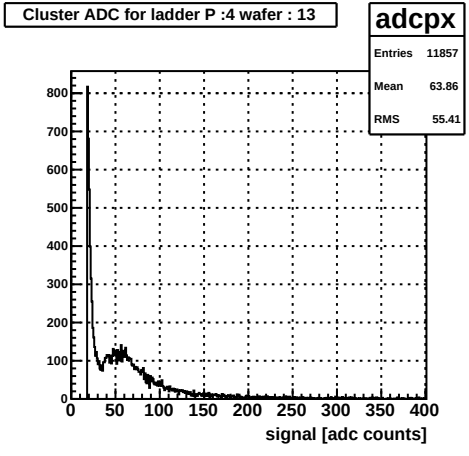

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7708
Mean 30.56
RMS 27.06
signal [adc counts]

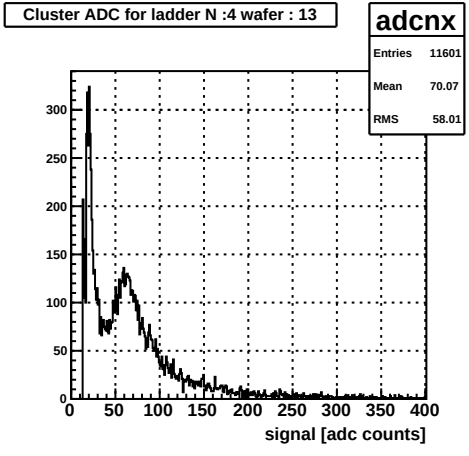

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 7192
Mean 78.33
RMS 57.07
signal [adc counts]

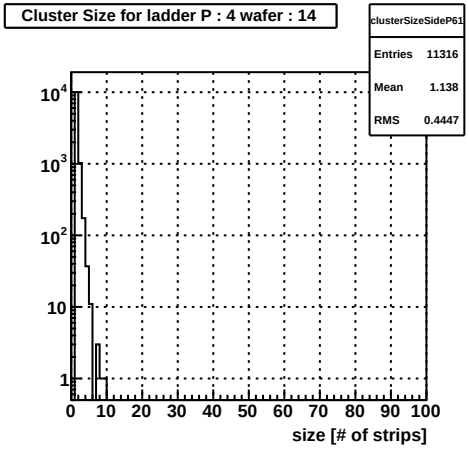

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 11857
Mean 1.312
RMS 0.6501
size [# of strips]

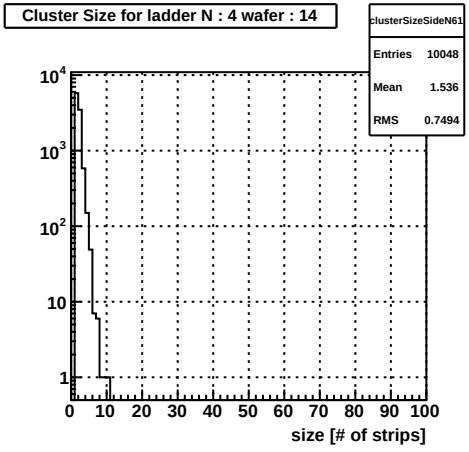

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 11601
Mean 1.48
RMS 0.8072
size [# of strips]

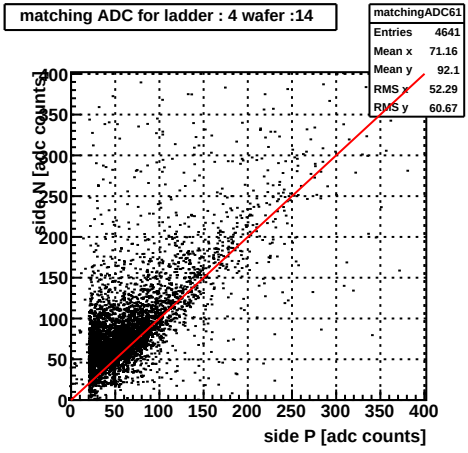

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 7902
Mean x 84.41
Mean y 83.43
RMS x 59.03
RMS y 56.36
side N [adc counts]
side P [adc counts]

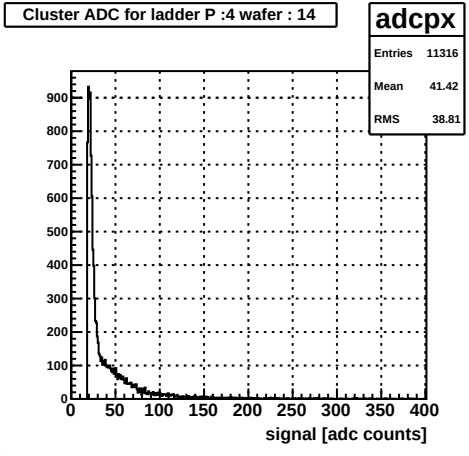

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 11857
Mean 63.86
RMS 55.41
signal [adc counts]

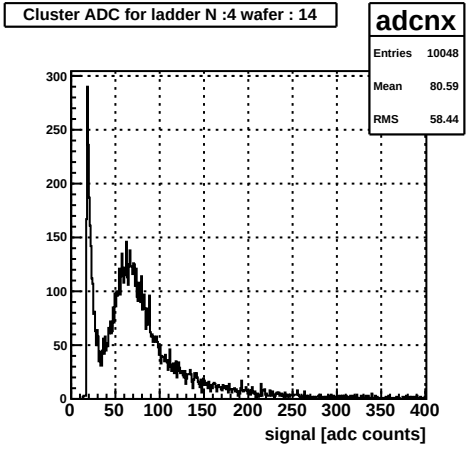

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 11601
Mean 70.07
RMS 58.01
signal [adc counts]

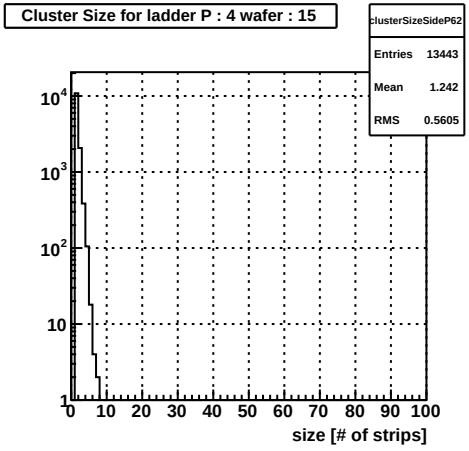

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11316
Mean 1.138
RMS 0.4447
size [# of strips]

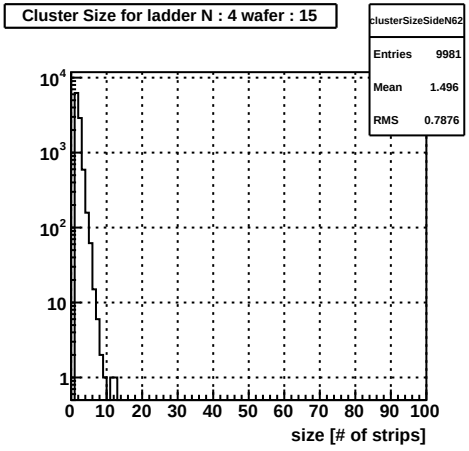

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 10048
Mean 1.536
RMS 0.7494
size [# of strips]

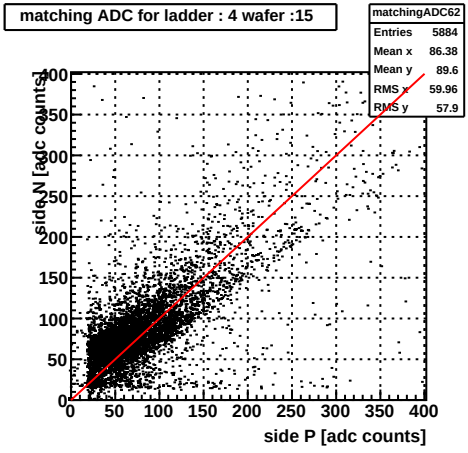

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 4641
Mean x 71.16
Mean y 92.1
RMS x 52.29
RMS y 60.67
side N [adc counts]
side P [adc counts]

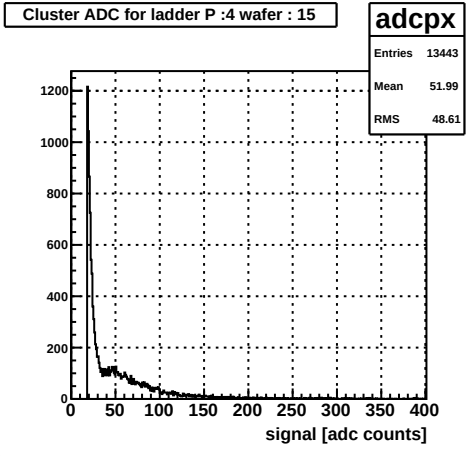

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11316
Mean 41.42
RMS 38.81
signal [adc counts]

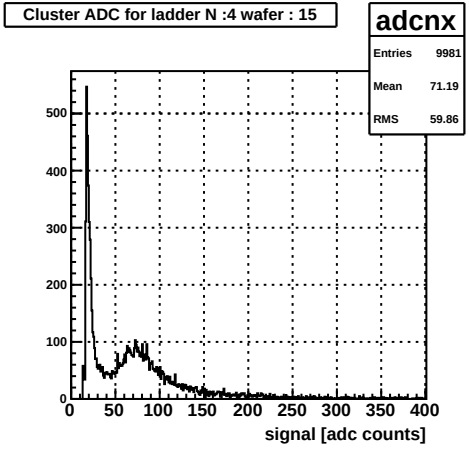

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 10048
Mean 80.59
RMS 58.44
signal [adc counts]

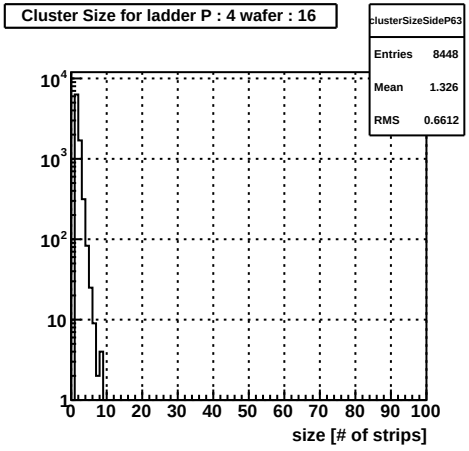

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 13443
Mean 1.242
RMS 0.5605
size [# of strips]

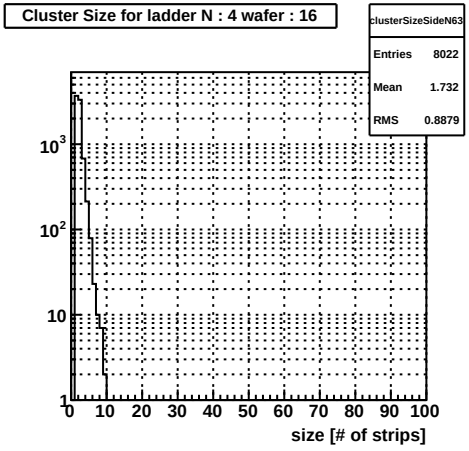

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 9981
Mean 1.496
RMS 0.7876
size [# of strips]

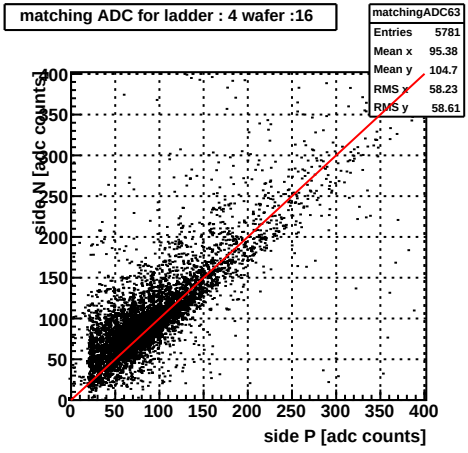

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 5884
Mean x 86.38
Mean y 89.6
RMS x 59.96
RMS y 57.9
side N [adc counts]
side P [adc counts]

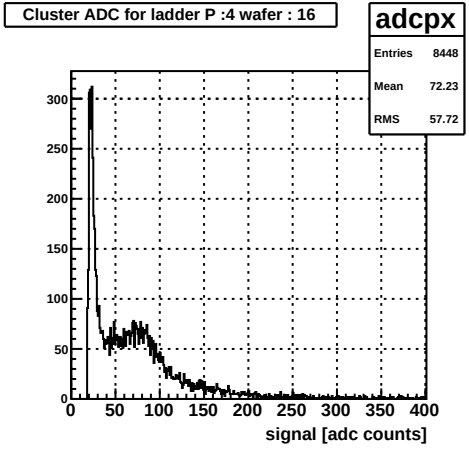

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 13443
Mean 51.99
RMS 48.61
signal [adc counts]

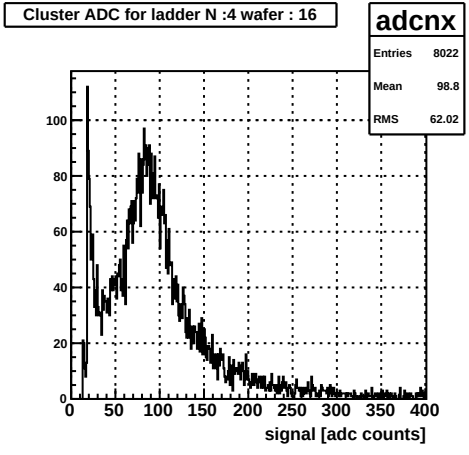

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 9981
Mean 71.19
RMS 59.86
signal [adc counts]

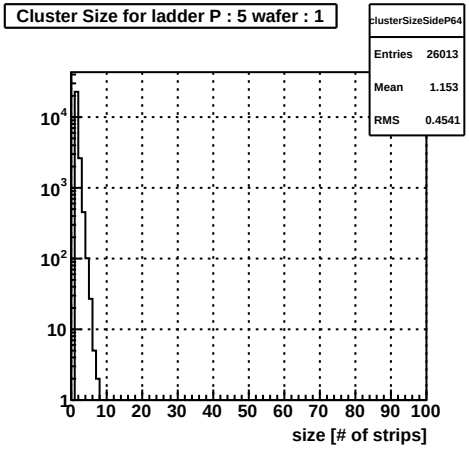

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 8448
Mean 1.326
RMS 0.6612
size [# of strips]

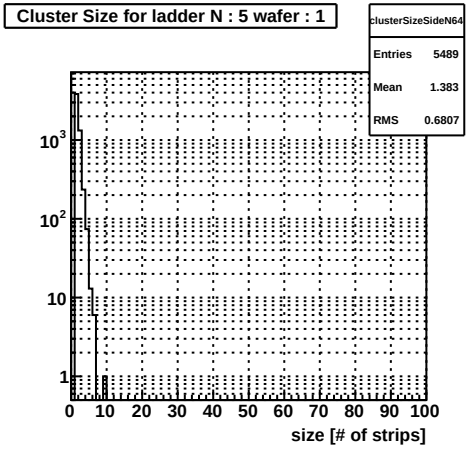

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 8022
Mean 1.732
RMS 0.8879
size [# of strips]

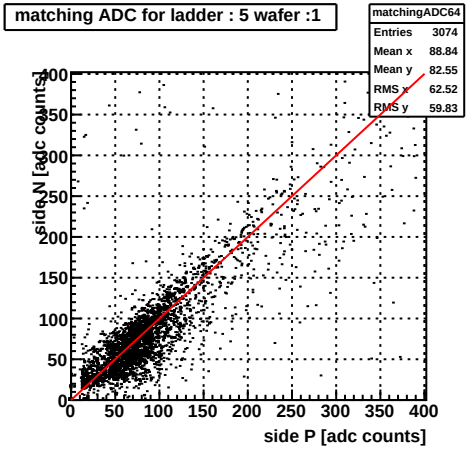

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 5781
Mean x 95.38
Mean y 104.7
RMS x 58.23
RMS y 58.61
side N [adc counts]
side P [adc counts]

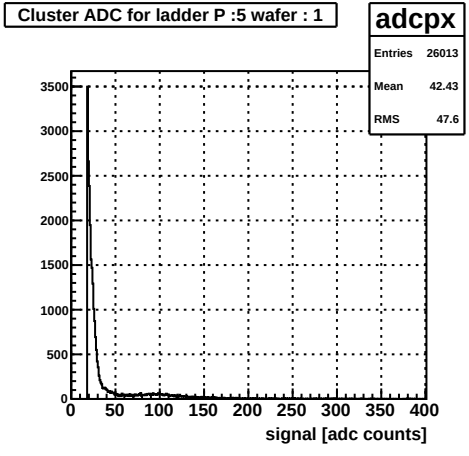

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 8448
Mean 72.23
RMS 57.72
signal [adc counts]

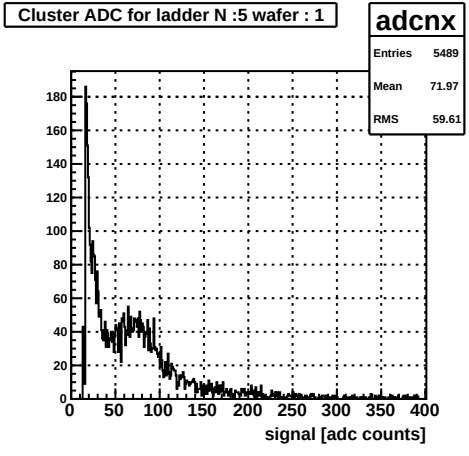

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 8022
Mean 98.8
RMS 62.02
signal [adc counts]

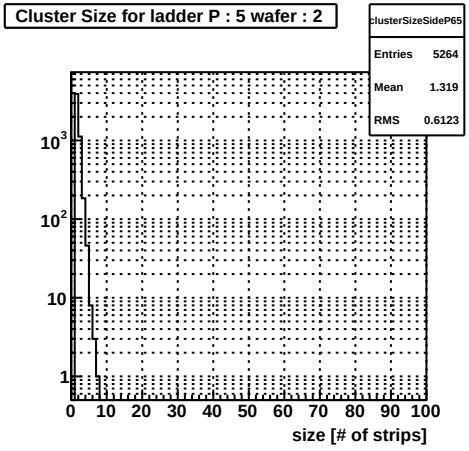

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 26013
Mean 1.153
RMS 0.4541
size [# of strips]

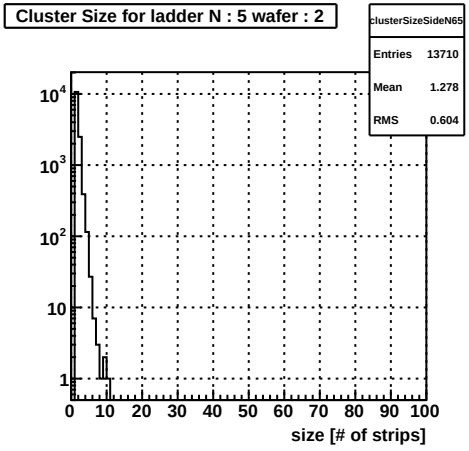

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 5489
Mean 1.383
RMS 0.6807
size [# of strips]

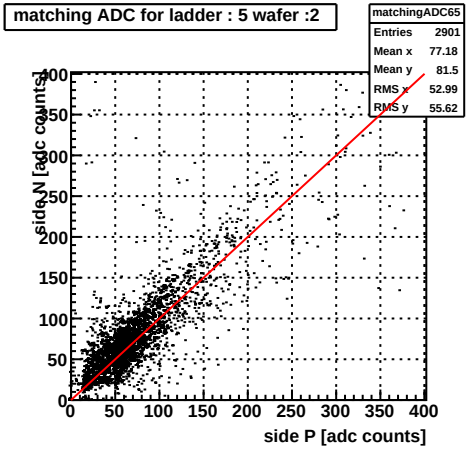

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3074
Mean x 88.84
Mean y 82.55
RMS x 62.52
RMS y 59.83
side N [adc counts]
side P [adc counts]

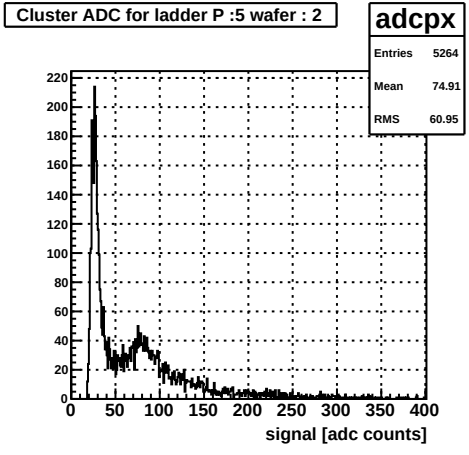

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 26013
Mean 42.43
RMS 47.6
signal [adc counts]

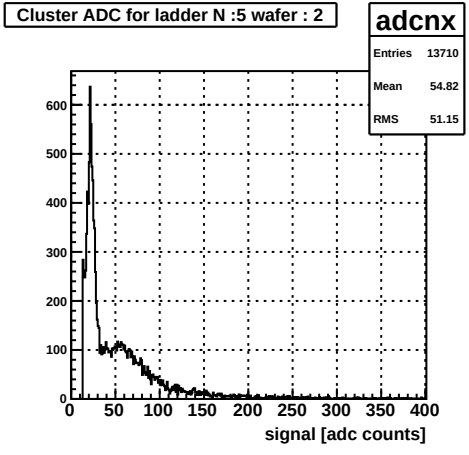

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 5489
Mean 71.97
RMS 59.61
signal [adc counts]

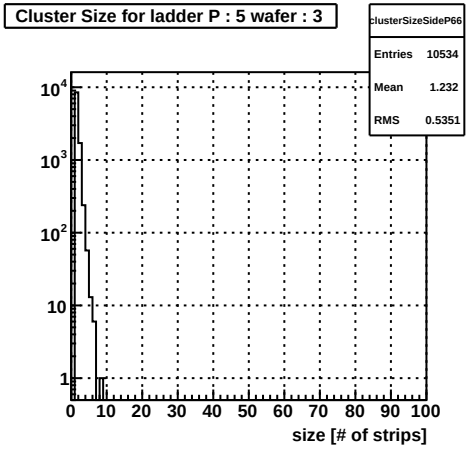

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 5264
Mean 1.319
RMS 0.6123
size [# of strips]

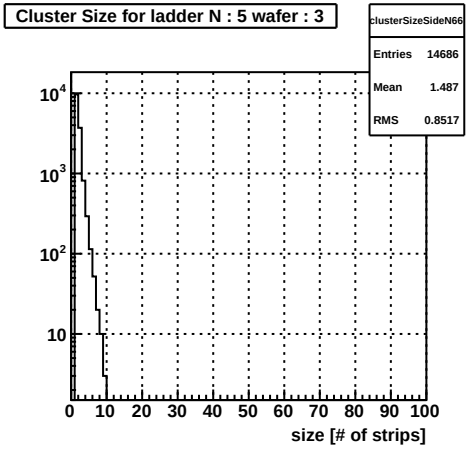

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 13710
Mean 1.278
RMS 0.604
size [# of strips]

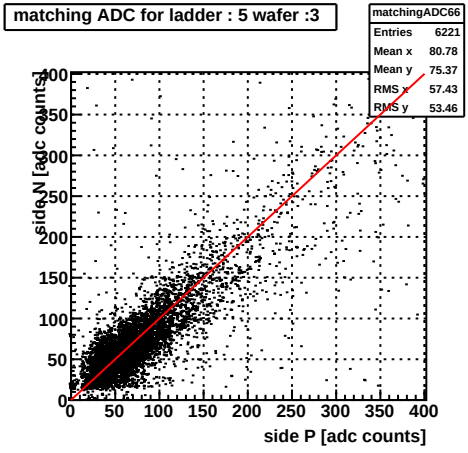

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2901
Mean x 77.18
Mean y 81.5
RMS x 52.99
RMS y 55.62
side N [adc counts]
side P [adc counts]

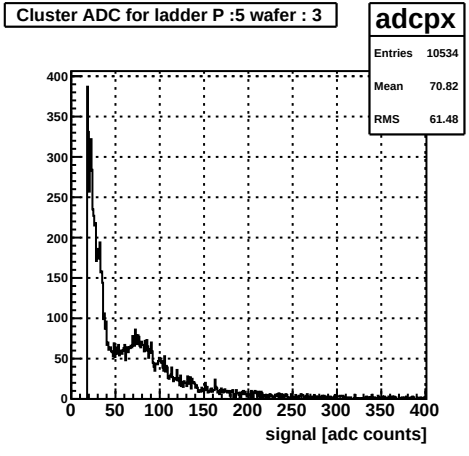

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 5264
Mean 74.91
RMS 60.95
signal [adc counts]

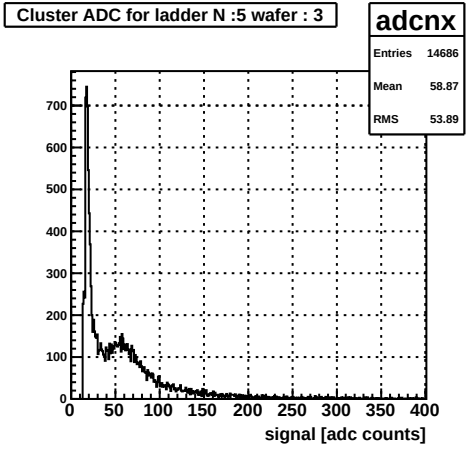

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 13710
Mean 54.82
RMS 51.15
signal [adc counts]

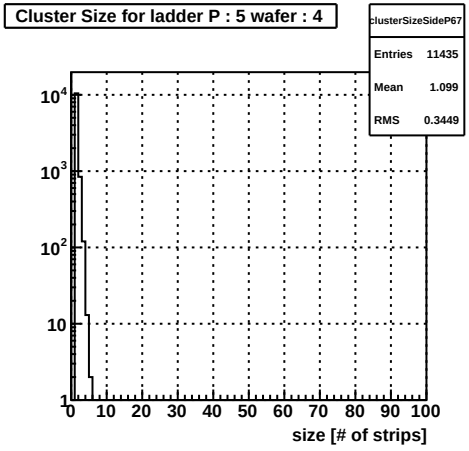

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10534
Mean 1.232
RMS 0.5351
size [# of strips]

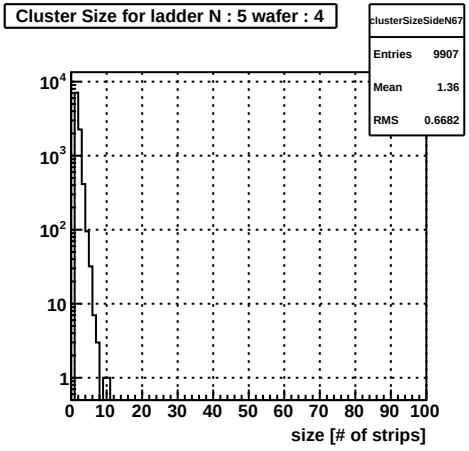

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 14686
Mean 1.487
RMS 0.8517
size [# of strips]

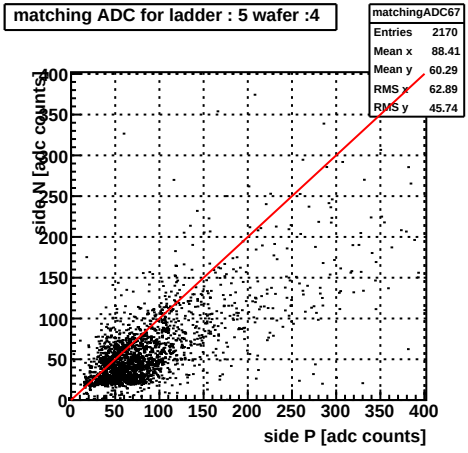

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 6221
Mean x 80.78
Mean y 75.37
RMS x 57.43
RMS y 53.46
side N [adc counts]
side P [adc counts]

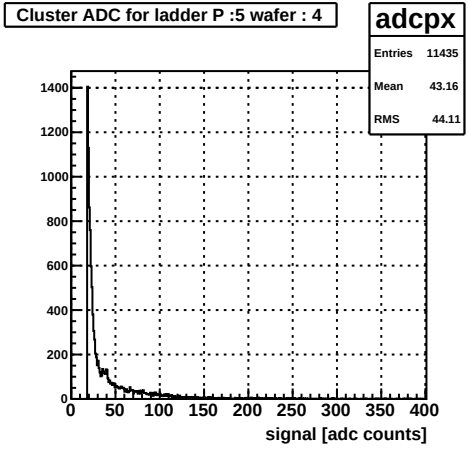

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10534
Mean 70.82
RMS 61.48
signal [adc counts]

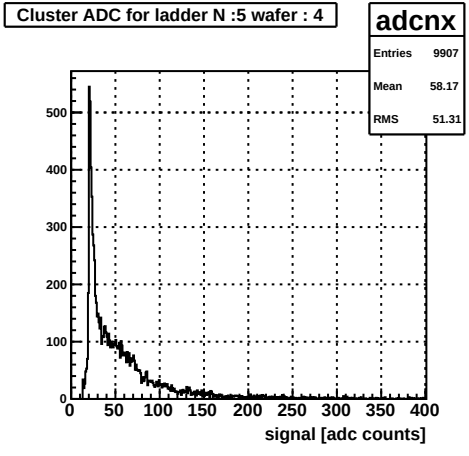

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 14686
Mean 58.87
RMS 53.89
signal [adc counts]

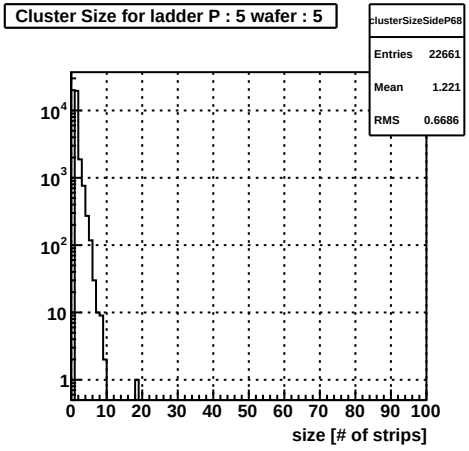

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11435
Mean 1.099
RMS 0.3449
size [# of strips]

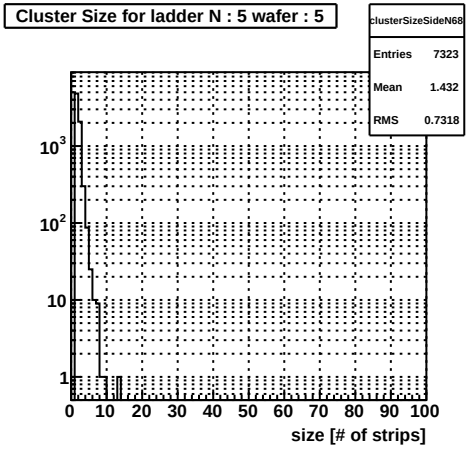

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 9907
Mean 1.36
RMS 0.6682
size [# of strips]

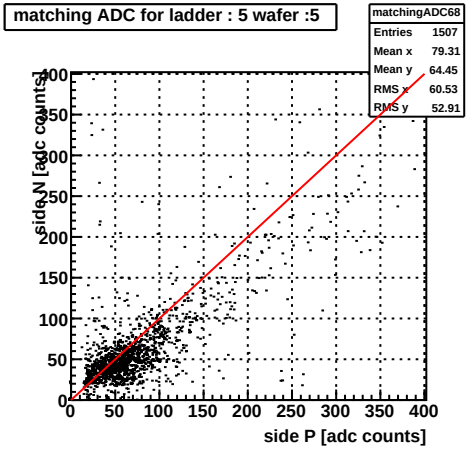

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2170
Mean x 88.41
Mean y 60.29
RMS x 62.89
RMS y 45.74
side N [adc counts]
side P [adc counts]

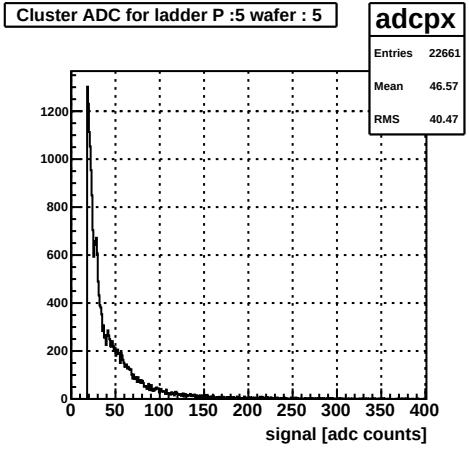

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11435
Mean 43.16
RMS 44.11
signal [adc counts]

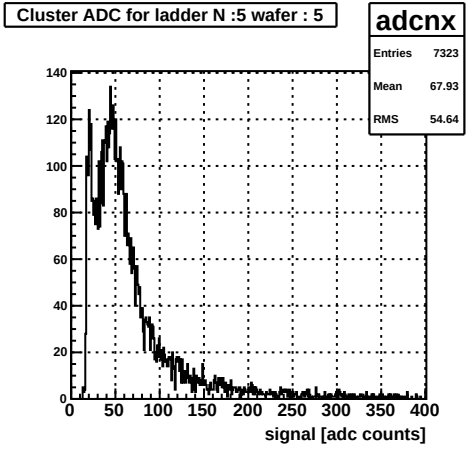

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 9907
Mean 58.17
RMS 51.31
signal [adc counts]

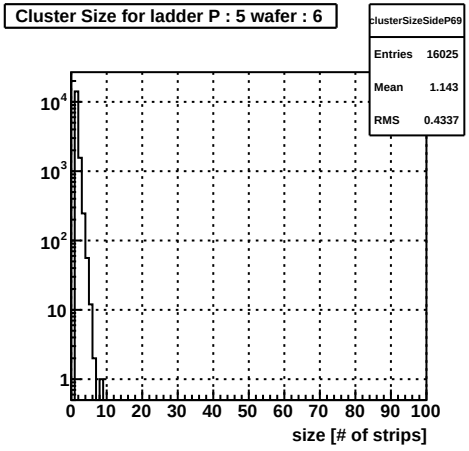

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 22661
Mean 1.221
RMS 0.6686
size [# of strips]

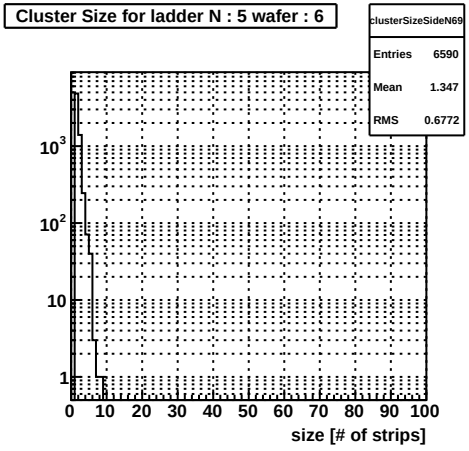

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 7323
Mean 1.432
RMS 0.7318
size [# of strips]

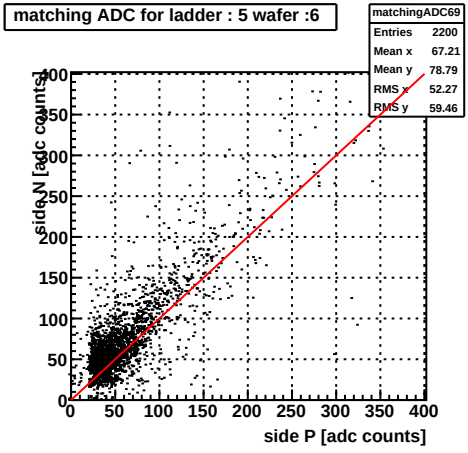

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1507
Mean x 79.31
Mean y 64.45
RMS x 60.53
RMS y 52.91
side N [adc counts]
side P [adc counts]

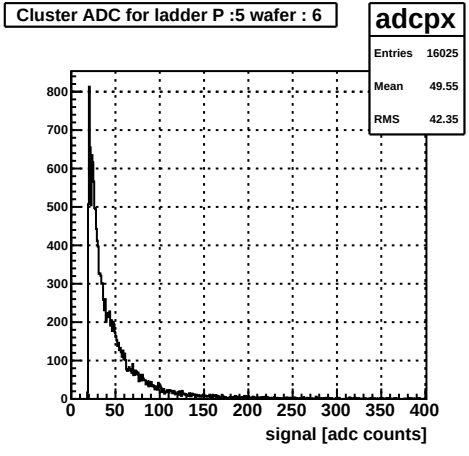

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 22661
Mean 46.57
RMS 40.47
signal [adc counts]

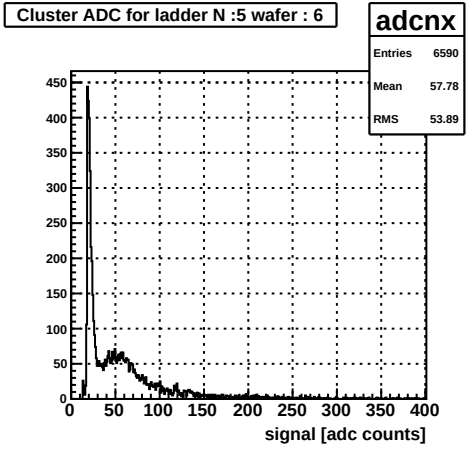

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 7323
Mean 67.93
RMS 54.64
signal [adc counts]

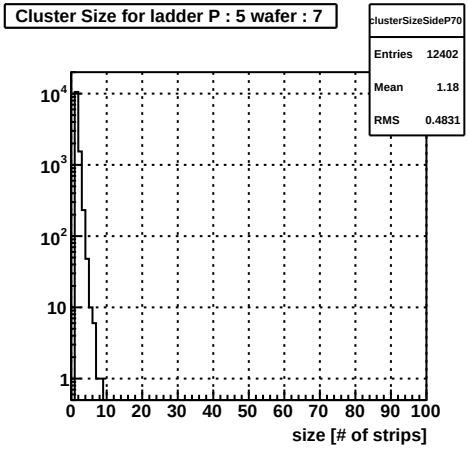

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 16025
Mean 1.143
RMS 0.4337
size [# of strips]

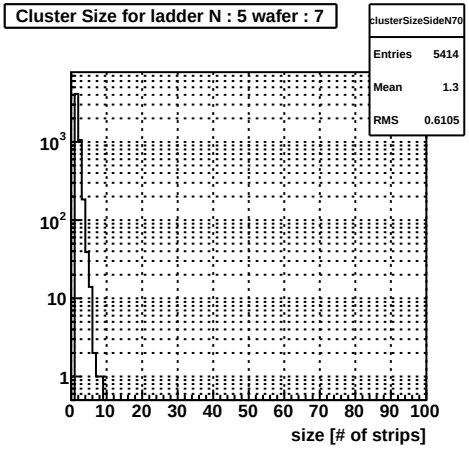

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6590
Mean 1.347
RMS 0.6772
size [# of strips]

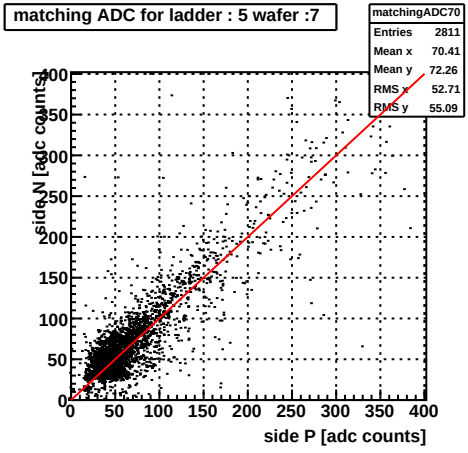

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2200
Mean x 67.21
Mean y 78.79
RMS x 52.27
RMS y 59.46
side N [adc counts]
side P [adc counts]

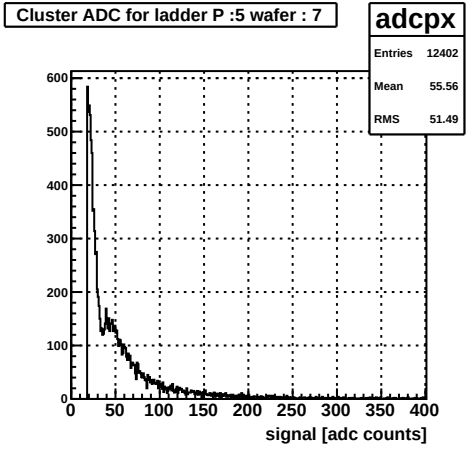

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 16025
Mean 49.55
RMS 42.35
signal [adc counts]

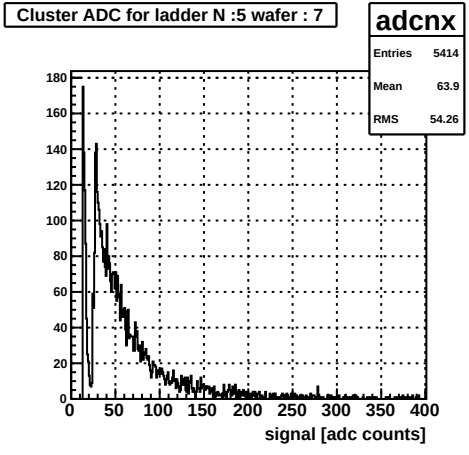

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6590
Mean 57.78
RMS 53.89
signal [adc counts]

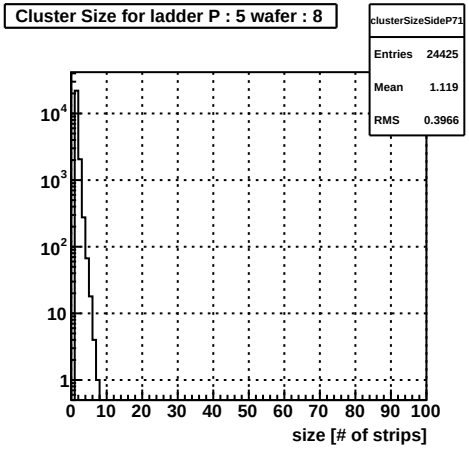

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 12402
Mean 1.18
RMS 0.4831
size [# of strips]

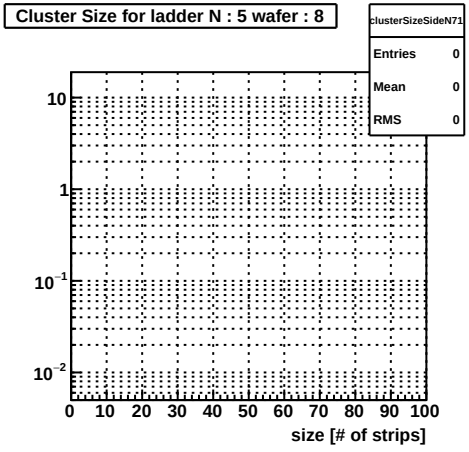

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 5414
Mean 1.3
RMS 0.6105
size [# of strips]

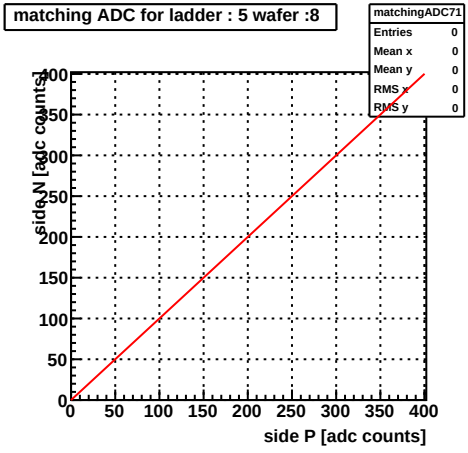

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2811
Mean x 70.41
Mean y 72.26
RMS x 52.71
RMS y 55.09
side N [adc counts]
side P [adc counts]

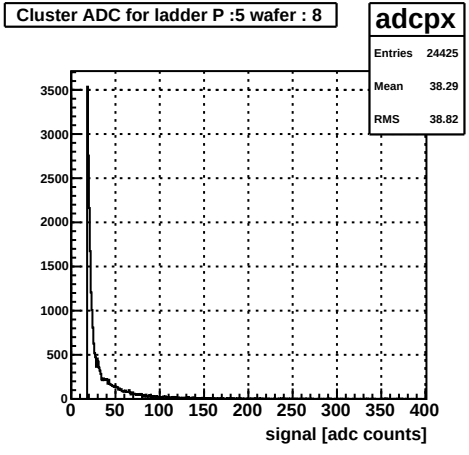

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 12402
Mean 55.56
RMS 51.49
signal [adc counts]

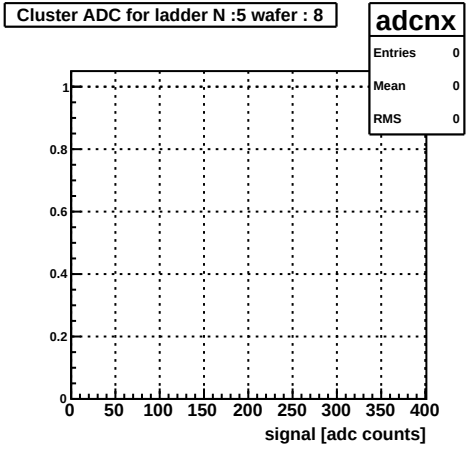

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 5414
Mean 63.9
RMS 54.26
signal [adc counts]

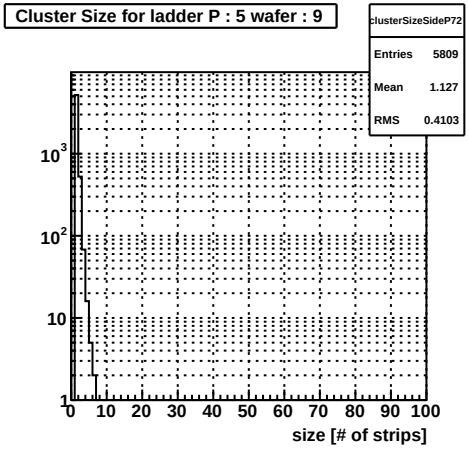

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 24425
Mean 1.119
RMS 0.3966
size [# of strips]

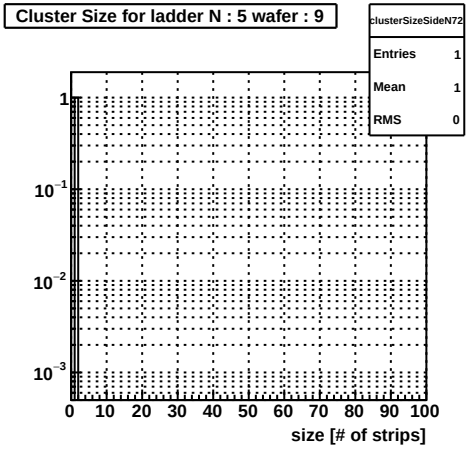

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

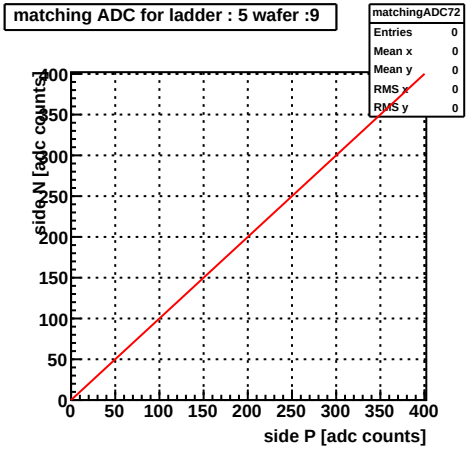

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

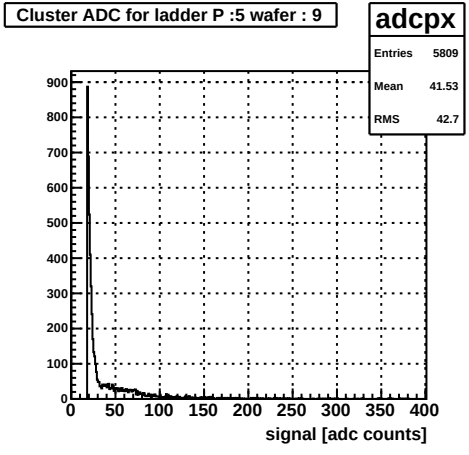

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 24425
Mean 38.29
RMS 38.82
signal [adc counts]

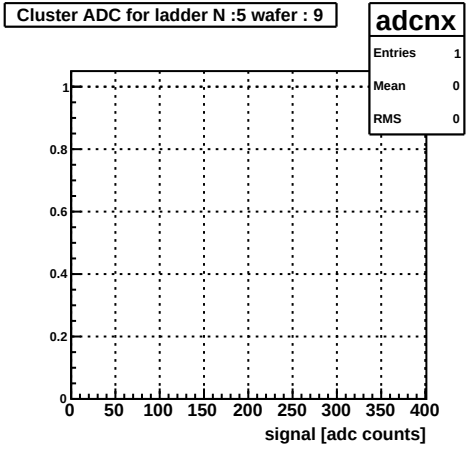

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

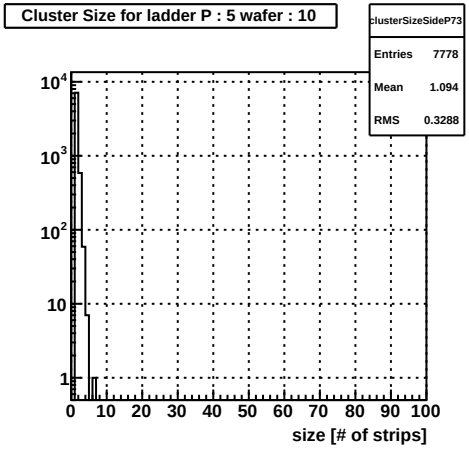

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5809
Mean 1.127
RMS 0.4103
size [# of strips]

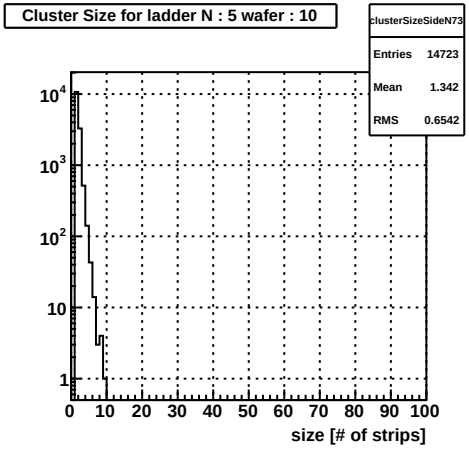

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

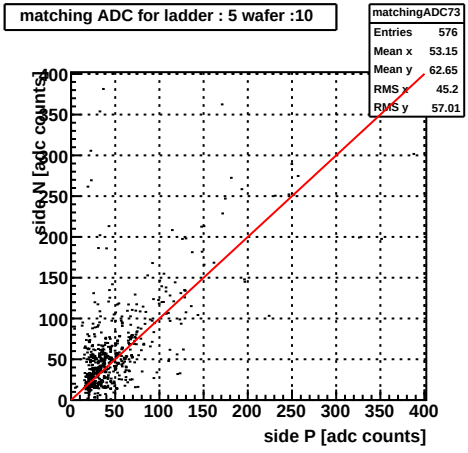

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

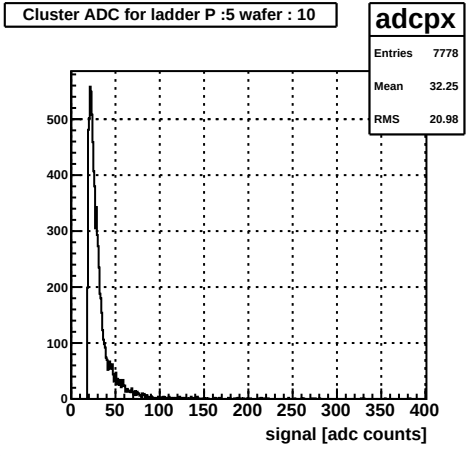

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5809
Mean 41.53
RMS 42.7
signal [adc counts]

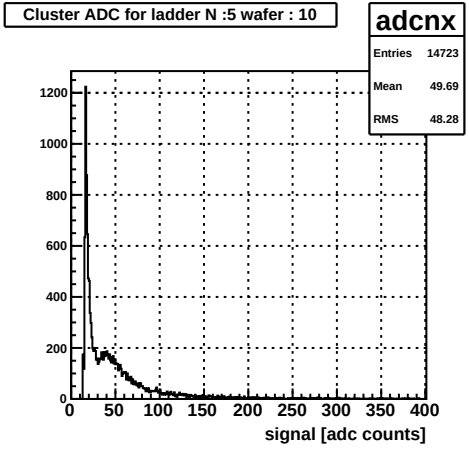

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

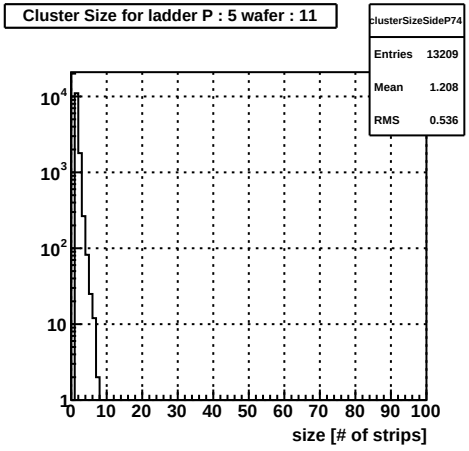

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 7778
Mean 1.094
RMS 0.3288
size [# of strips]

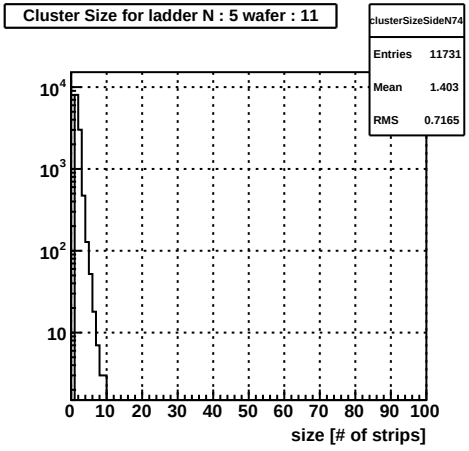

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 14723
Mean 1.342
RMS 0.6542
size [# of strips]

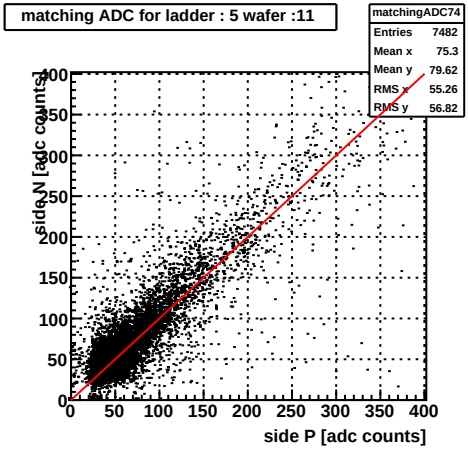

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 576
Mean x 53.15
Mean y 62.65
RMS x 45.2
RMS y 57.01
side N [adc counts]
side P [adc counts]

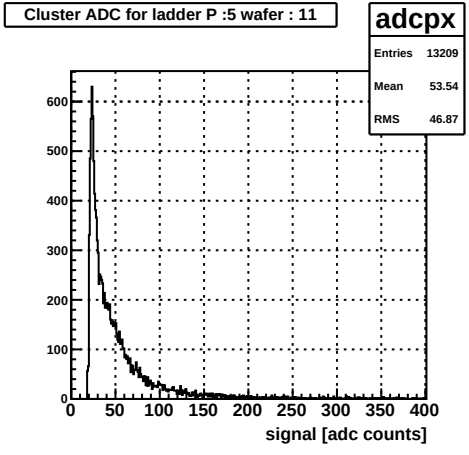

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 7778
Mean 32.25
RMS 20.98
signal [adc counts]

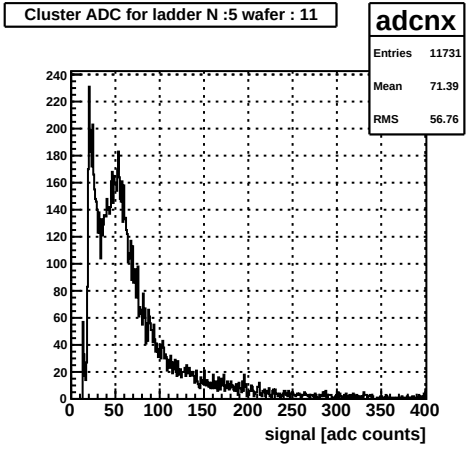

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 14723
Mean 49.69
RMS 48.28
signal [adc counts]

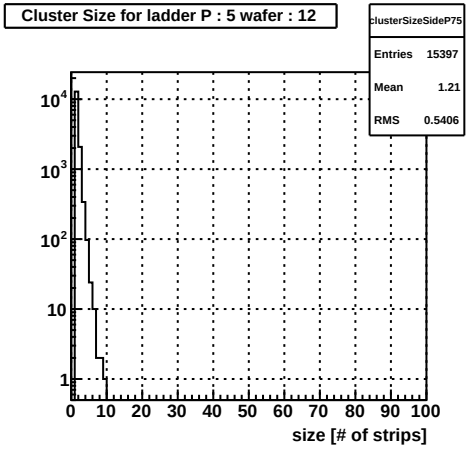

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 13209
Mean 1.208
RMS 0.536
size [# of strips]

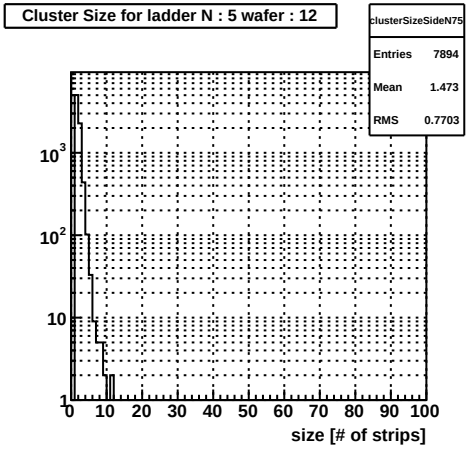

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 11731
Mean 1.403
RMS 0.7165
size [# of strips]

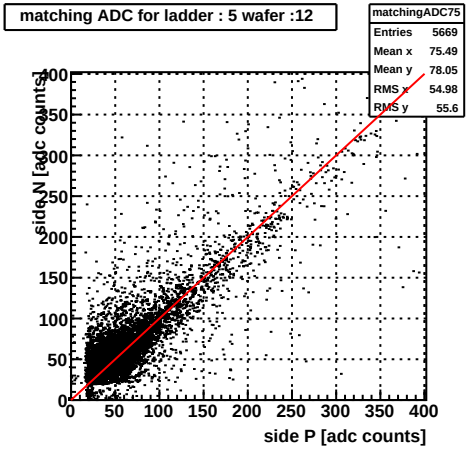

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 7482
Mean x 75.3
Mean y 79.62
RMS x 55.26
RMS y 56.82
side N [adc counts]
side P [adc counts]

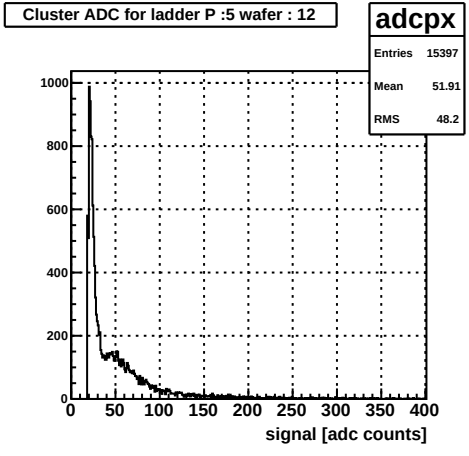

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 13209
Mean 53.54
RMS 46.87
signal [adc counts]

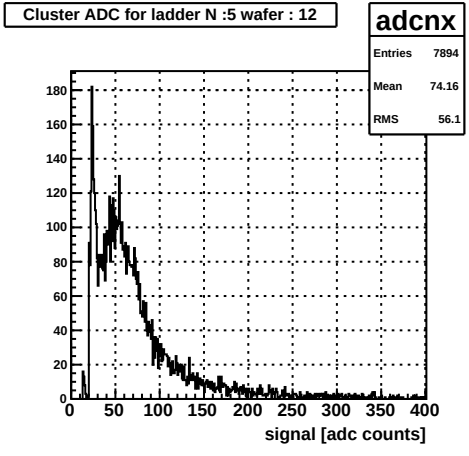

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 11731
Mean 71.39
RMS 56.76
signal [adc counts]

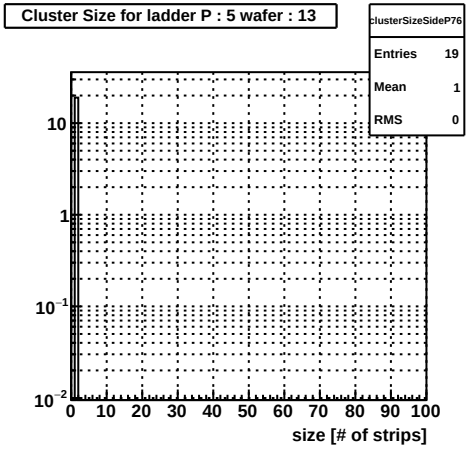

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 15397
Mean 1.21
RMS 0.5406
size [# of strips]

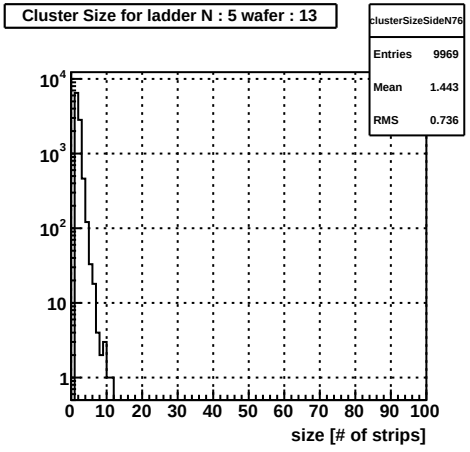

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 7894
Mean 1.473
RMS 0.7703
size [# of strips]

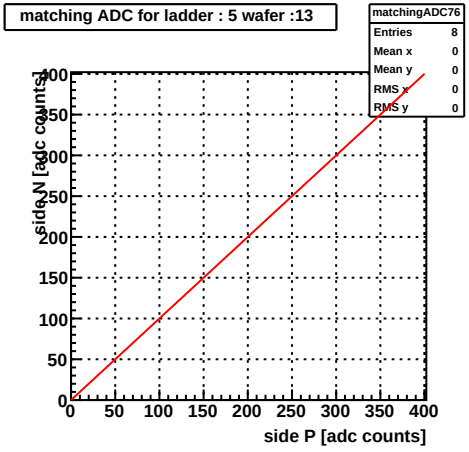

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 5669
Mean x 75.49
Mean y 78.05
RMS x 54.98
RMS y 55.6
side N [adc counts]
side P [adc counts]

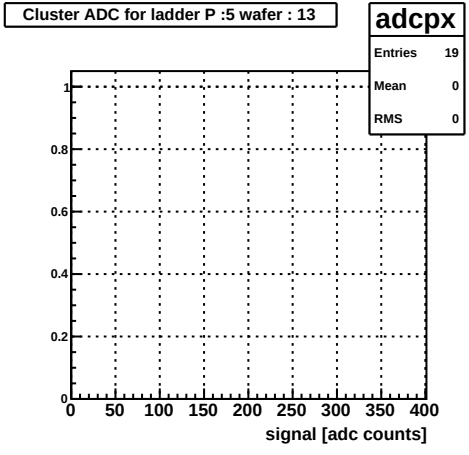

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 15397
Mean 51.91
RMS 48.2
signal [adc counts]

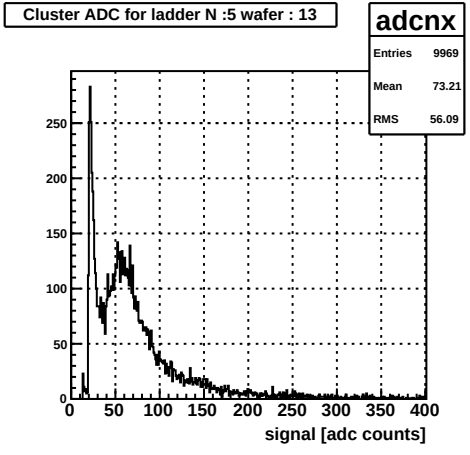

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 7894
Mean 74.16
RMS 56.1
signal [adc counts]

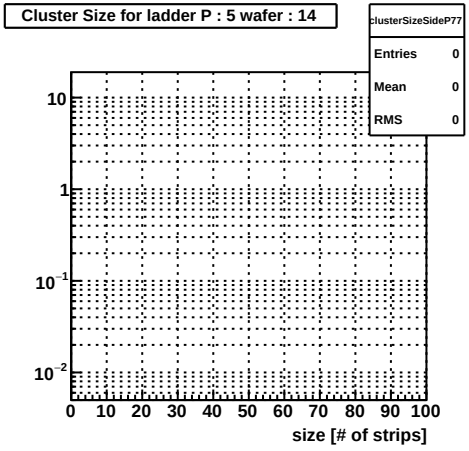

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 19
Mean 1
RMS 0
size [# of strips]

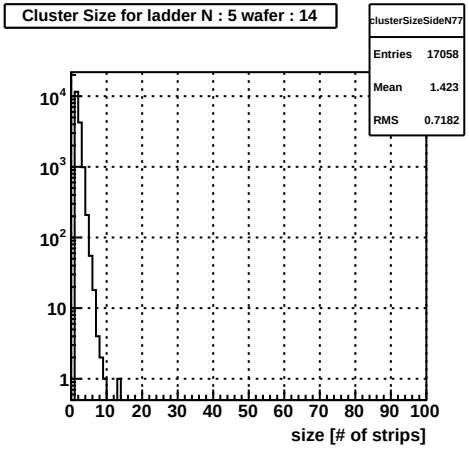

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 9969
Mean 1.443
RMS 0.736
size [# of strips]

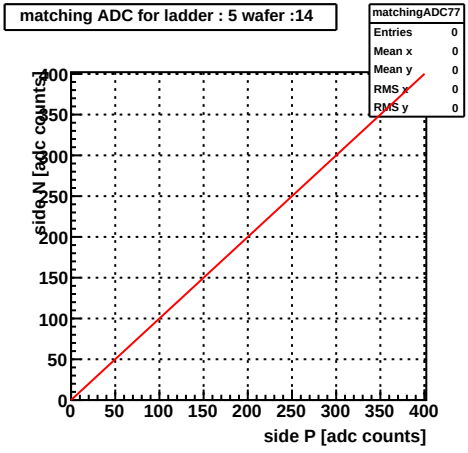

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

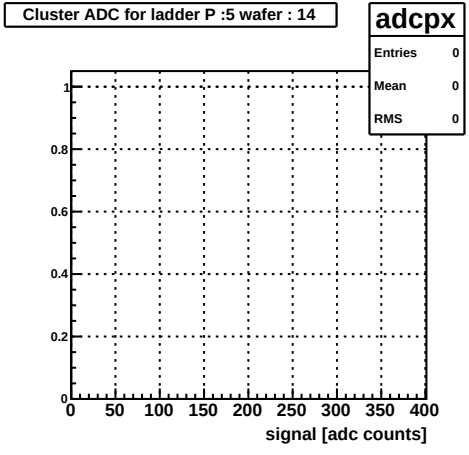

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

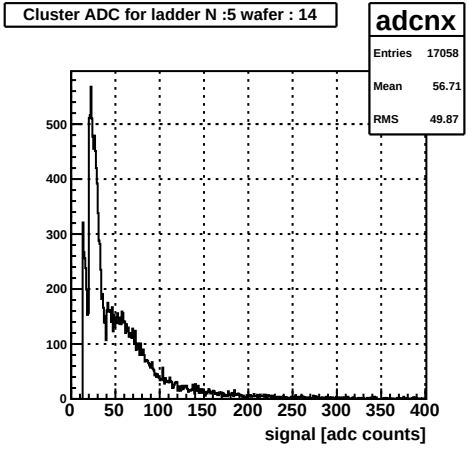

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 9969
Mean 73.21
RMS 56.09
signal [adc counts]

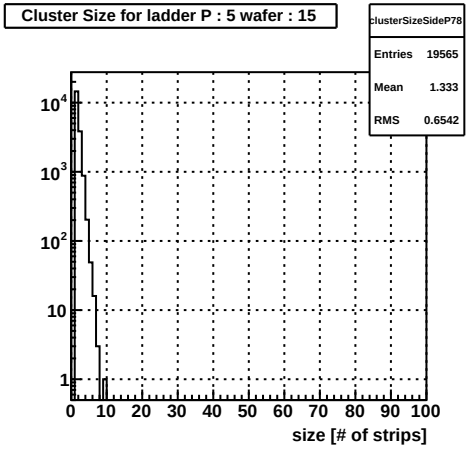

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

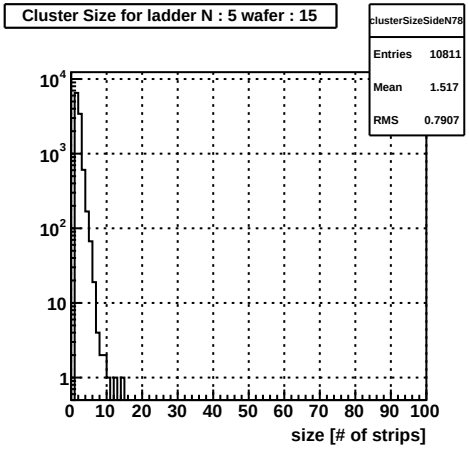

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 17058
Mean 1.423
RMS 0.7182
size [# of strips]

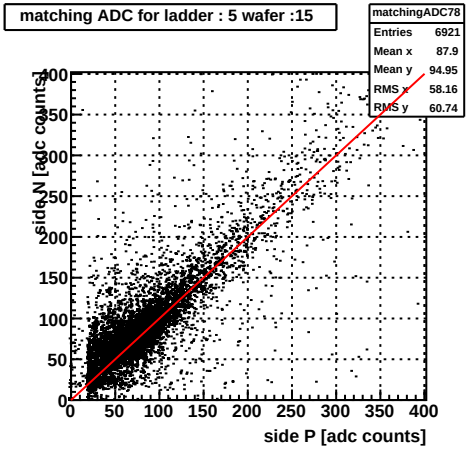

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

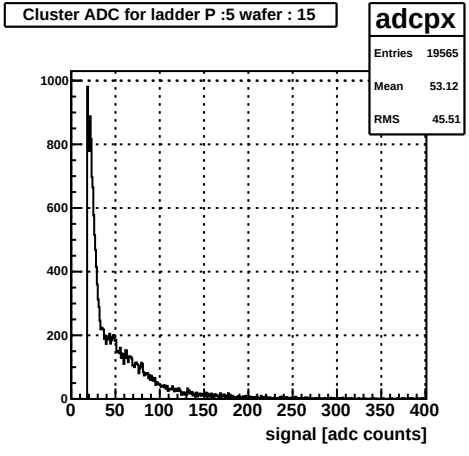

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

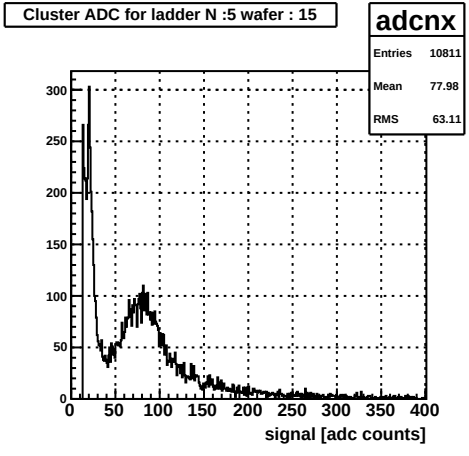

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 17058
Mean 56.71
RMS 49.87
signal [adc counts]

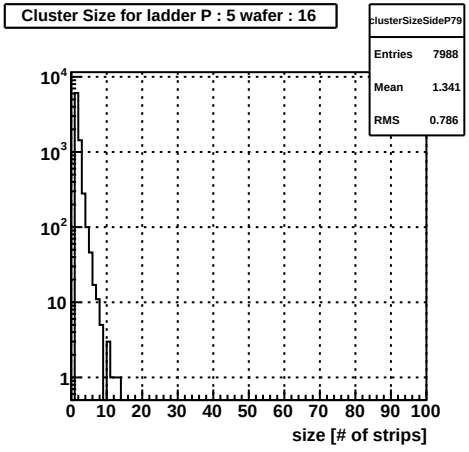

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 19565
Mean 1.333
RMS 0.6542
size [# of strips]

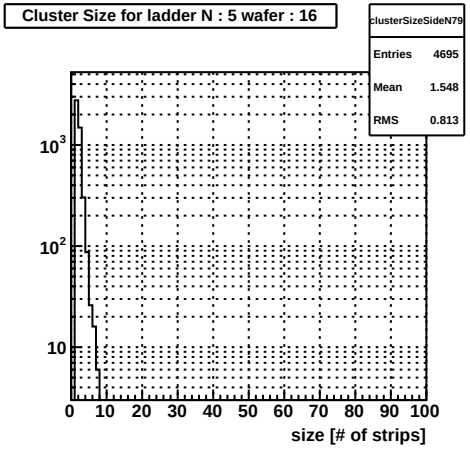

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 10811
Mean 1.517
RMS 0.7907
size [# of strips]

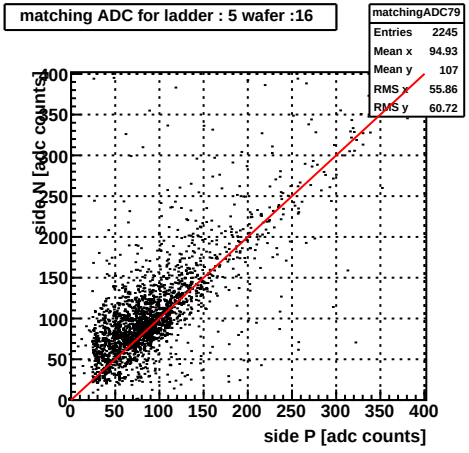

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 6921
Mean x 87.9
Mean y 94.95
RMS x 58.16
RMS y 60.74
side N [adc counts]
side P [adc counts]

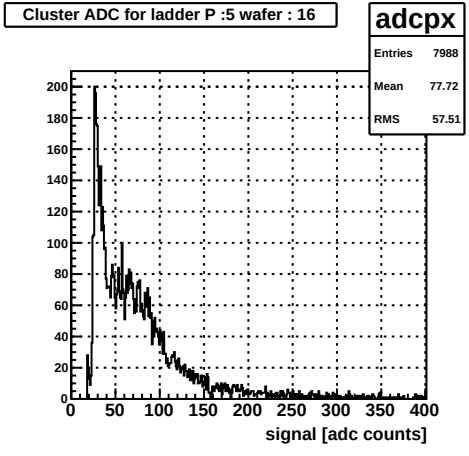

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 19565
Mean 53.12
RMS 45.51
signal [adc counts]

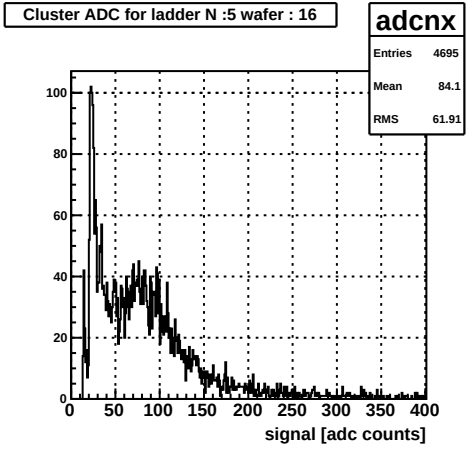

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 10811
Mean 77.98
RMS 63.11
signal [adc counts]

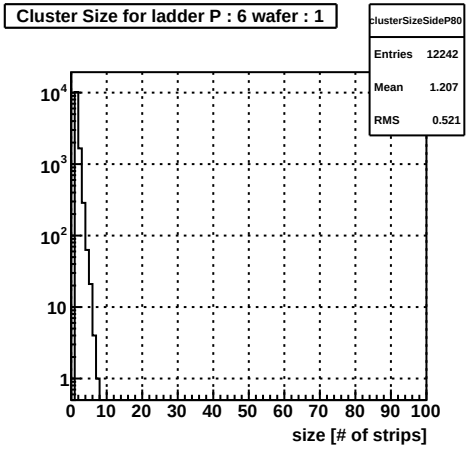

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 7988
Mean 1.341
RMS 0.786
size [# of strips]

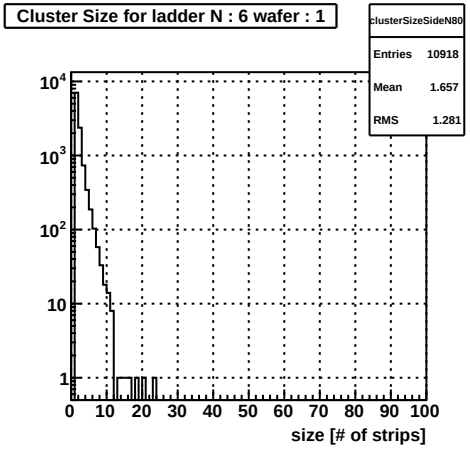

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 4695
Mean 1.548
RMS 0.813
size [# of strips]

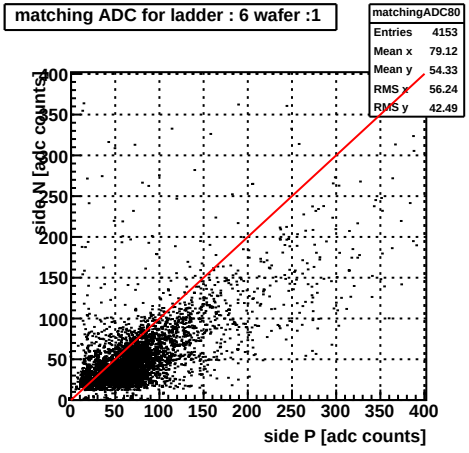

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2245
Mean x 94.93
Mean y 107
RMS x 55.86
RMS y 60.72
side N [adc counts]
side P [adc counts]

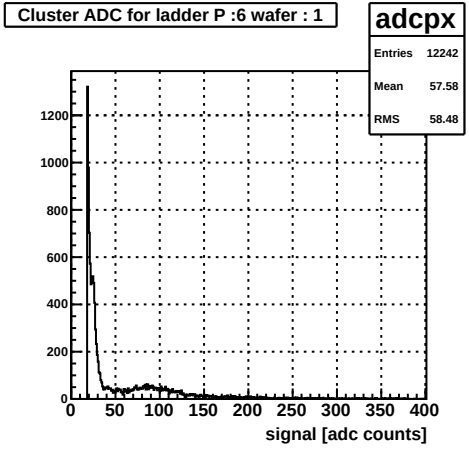

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 7988
Mean 77.72
RMS 57.51
signal [adc counts]

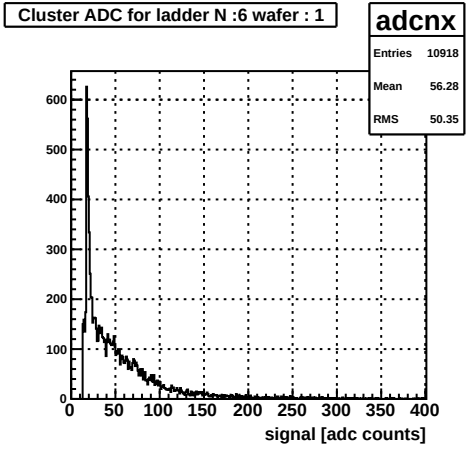

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 4695
Mean 84.1
RMS 61.91
signal [adc counts]

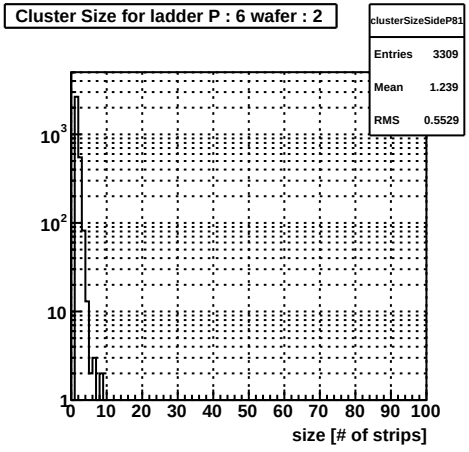

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 12242
Mean 1.207
RMS 0.521
size [# of strips]

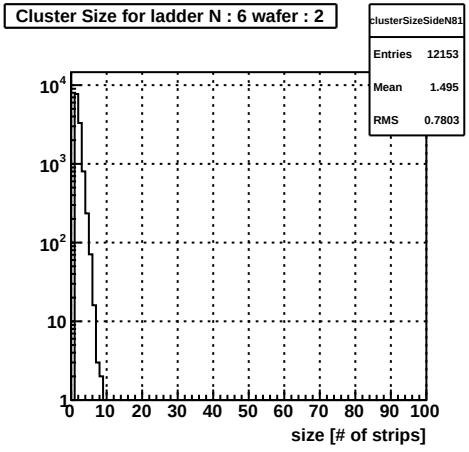

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 10918
Mean 1.657
RMS 1.281
size [# of strips]

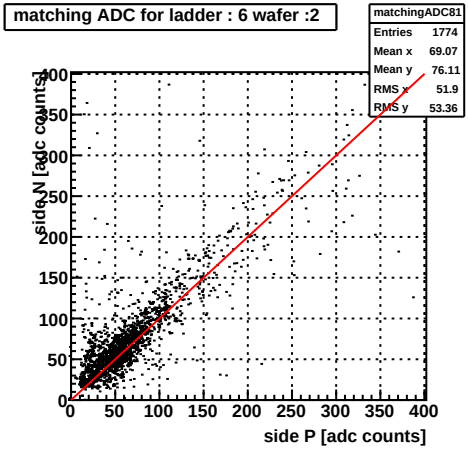

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4153
Mean x 79.12
Mean y 54.33
RMS x 56.24
RMS y 42.49
side N [adc counts]
side P [adc counts]

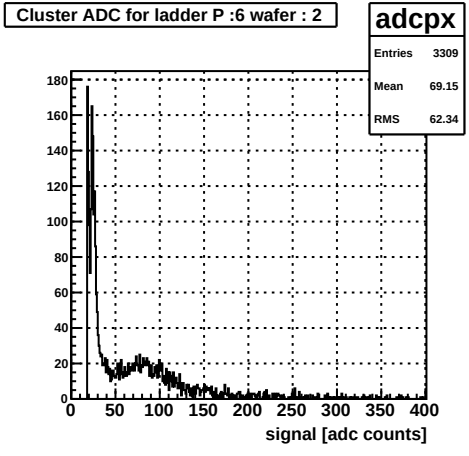

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 12242
Mean 57.58
RMS 58.48
signal [adc counts]

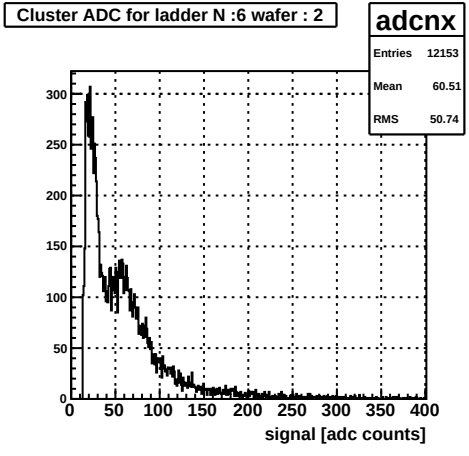

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 10918
Mean 56.28
RMS 50.35
signal [adc counts]

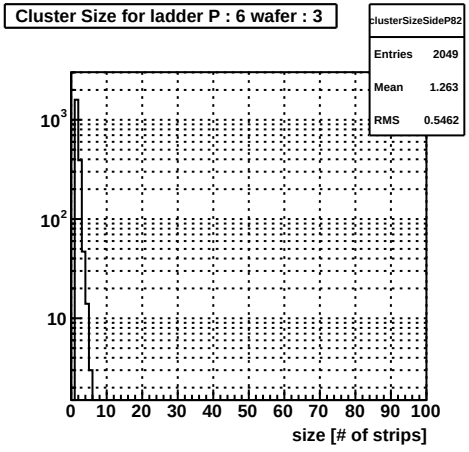

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3309
Mean 1.239
RMS 0.5529
size [# of strips]

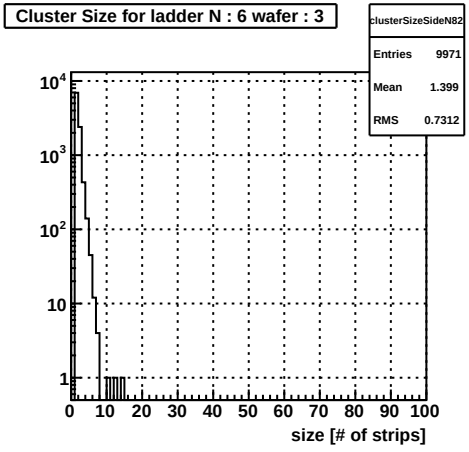

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 12153
Mean 1.495
RMS 0.7803
size [# of strips]

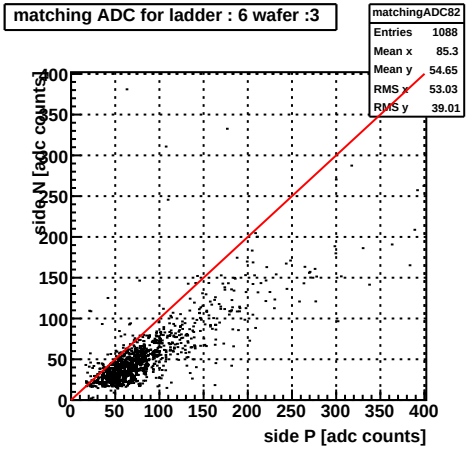

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1774
Mean x 69.07
Mean y 76.11
RMS x 51.9
RMS y 53.36
side N [adc counts]
side P [adc counts]

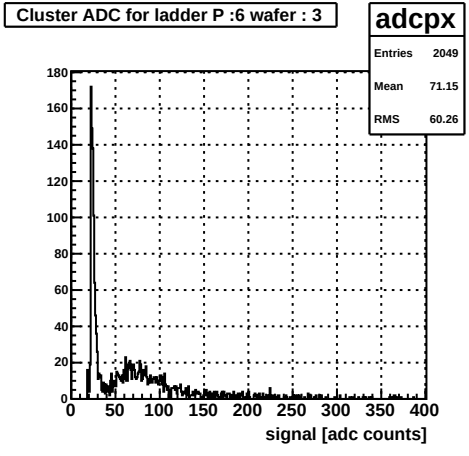

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3309
Mean 69.15
RMS 62.34
signal [adc counts]

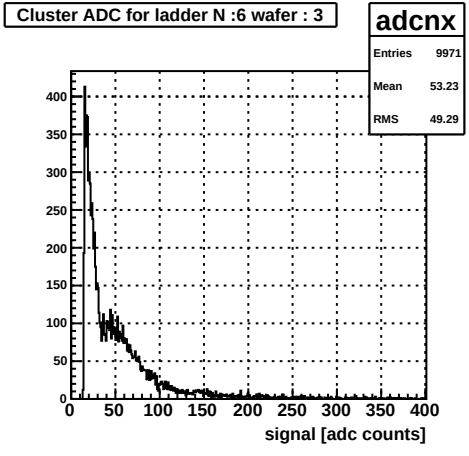

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 12153
Mean 60.51
RMS 50.74
signal [adc counts]

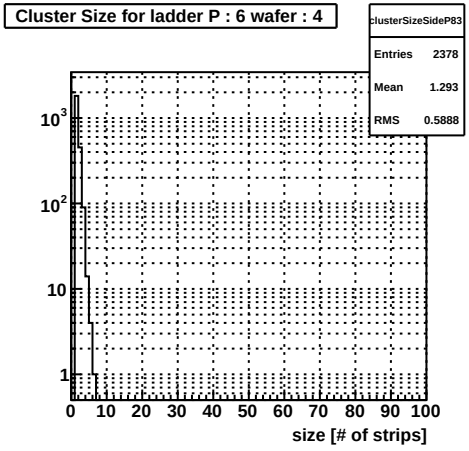

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2049
Mean 1.263
RMS 0.5462
size [# of strips]

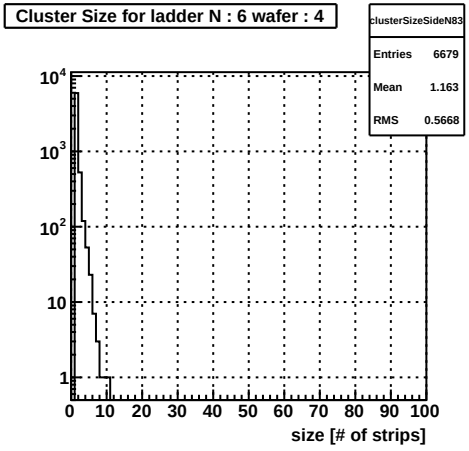

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 9971
Mean 1.399
RMS 0.7312
size [# of strips]

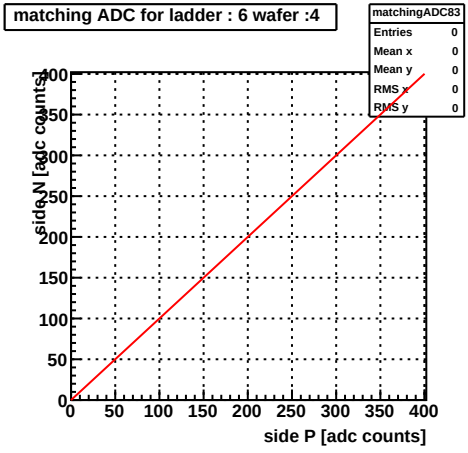

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1088
Mean x 85.3
Mean y 54.65
RMS x 53.03
RMS y 39.01
side N [adc counts]
side P [adc counts]

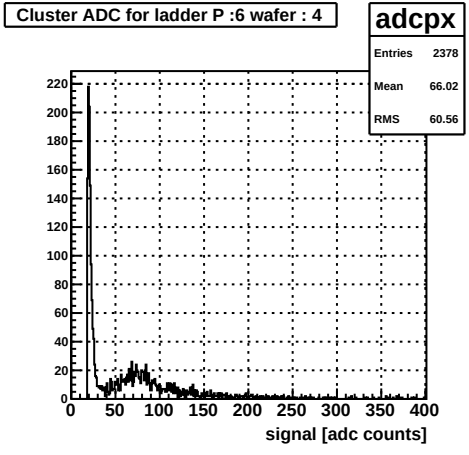

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2049
Mean 71.15
RMS 60.26
signal [adc counts]

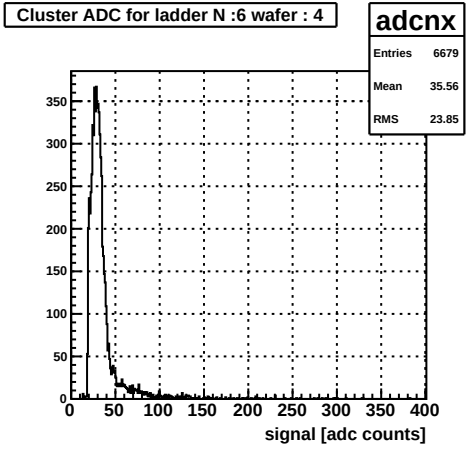

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 9971
Mean 53.23
RMS 49.29
signal [adc counts]

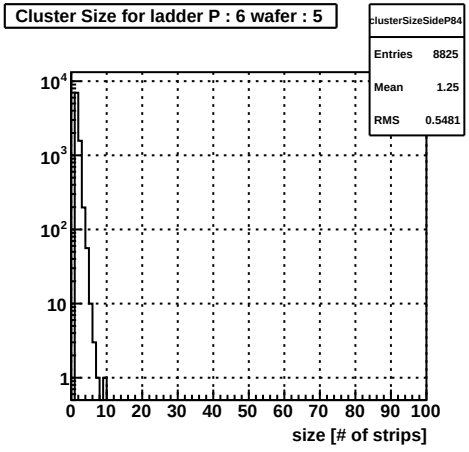

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2378
Mean 1.293
RMS 0.5888
size [# of strips]

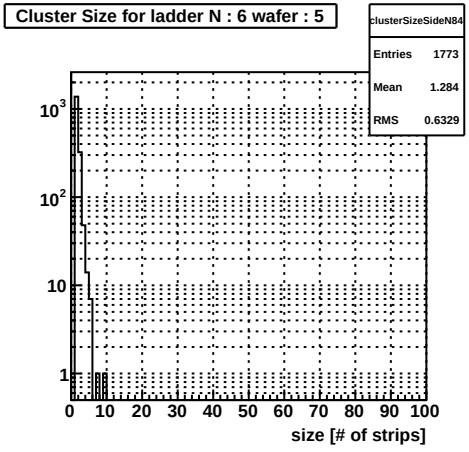

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6679
Mean 1.163
RMS 0.5668
size [# of strips]

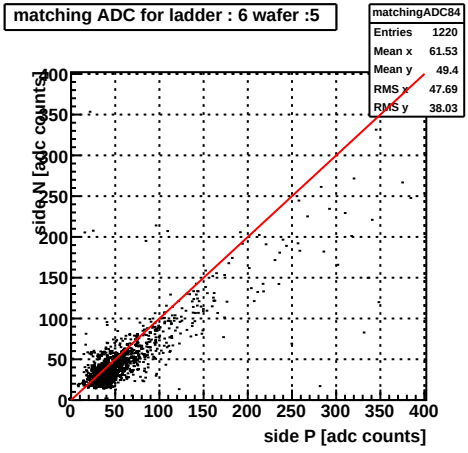

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

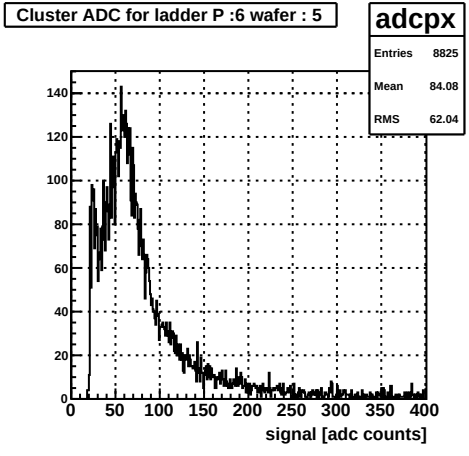

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2378
Mean 66.02
RMS 60.56
signal [adc counts]

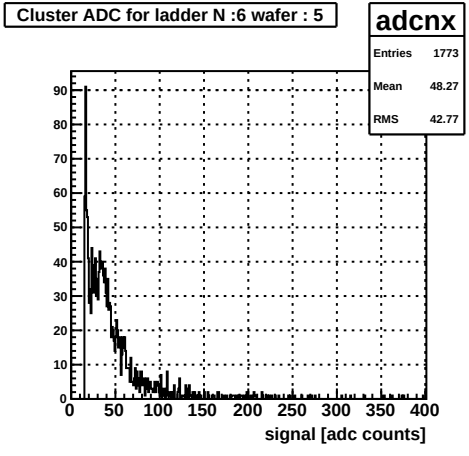

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6679
Mean 35.56
RMS 23.85
signal [adc counts]

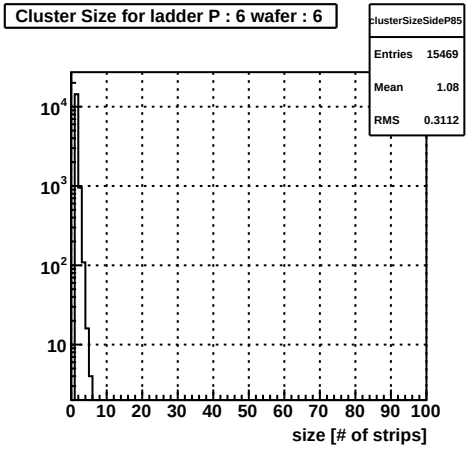

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 8825
Mean 1.25
RMS 0.5481
size [# of strips]

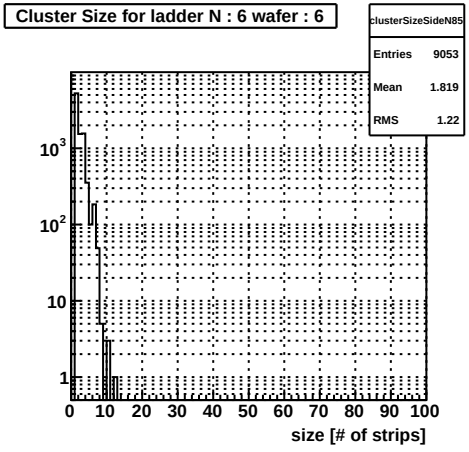

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1773
Mean 1.284
RMS 0.6329
size [# of strips]

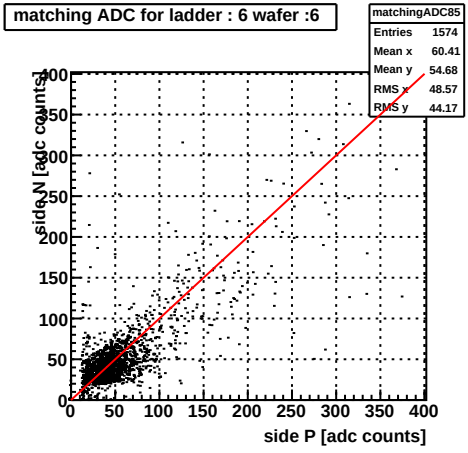

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1220
Mean x 61.53
Mean y 49.4
RMS x 47.69
RMS y 38.03
side N [adc counts]
side P [adc counts]

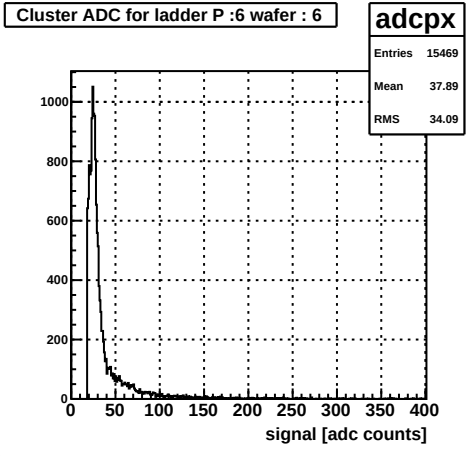

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 8825
Mean 84.08
RMS 62.04
signal [adc counts]

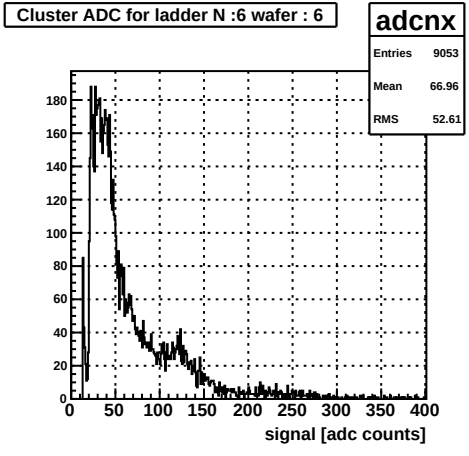

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1773
Mean 48.27
RMS 42.77
signal [adc counts]

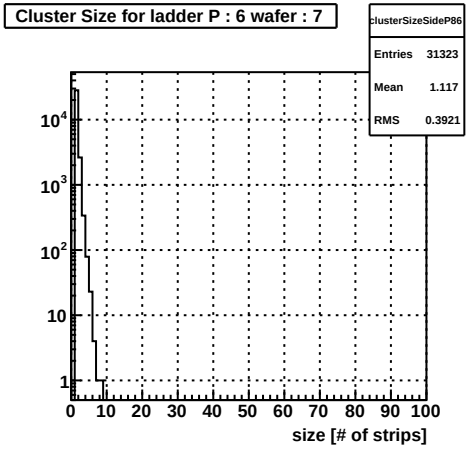

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15469
Mean 1.08
RMS 0.3112
size [# of strips]

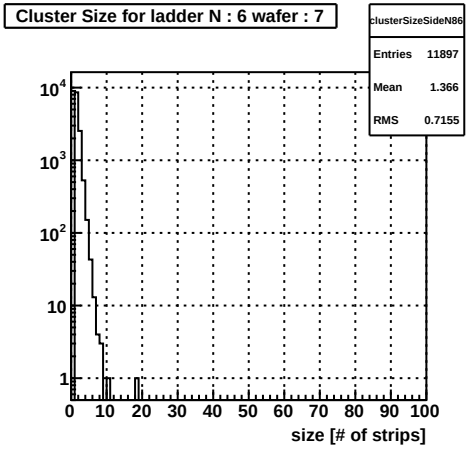

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 9053
Mean 1.819
RMS 1.22
size [# of strips]

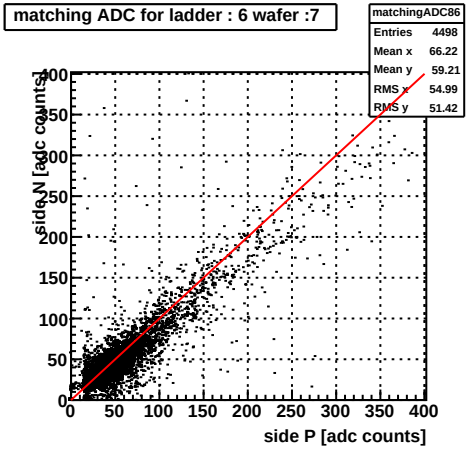

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1574
Mean x 60.41
Mean y 54.68
RMS x 48.57
RMS y 44.17
side N [adc counts]
side P [adc counts]

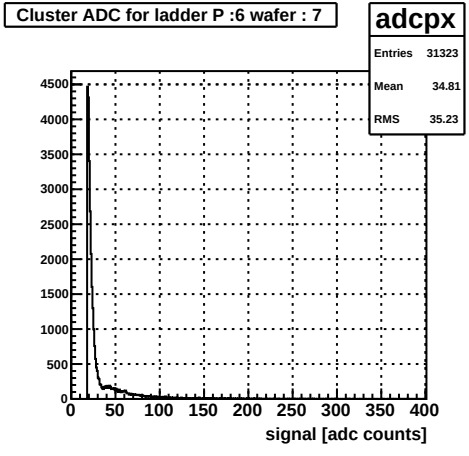

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15469
Mean 37.89
RMS 34.09
signal [adc counts]

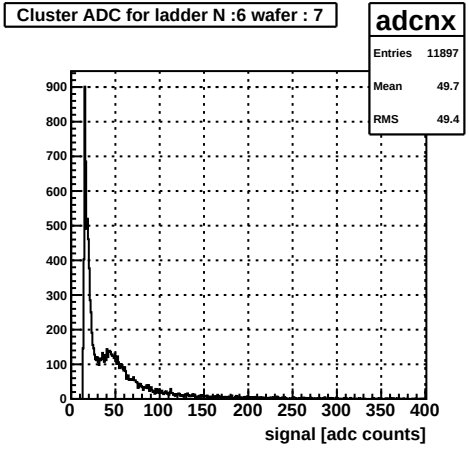

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 9053
Mean 66.96
RMS 52.61
signal [adc counts]

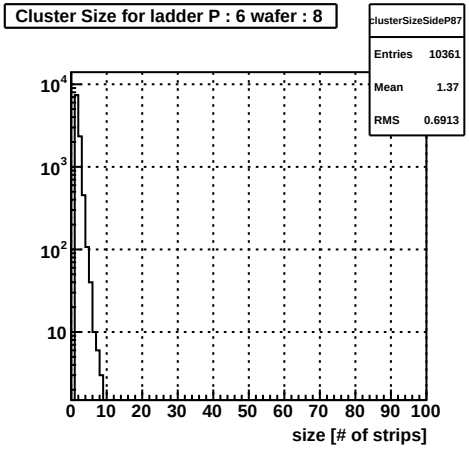

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 31323
Mean 1.117
RMS 0.3921
size [# of strips]

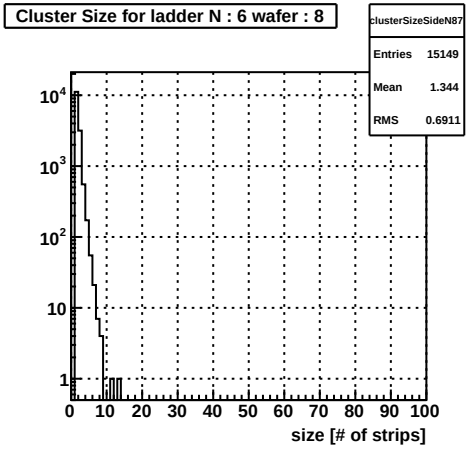

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 11897
Mean 1.366
RMS 0.7155
size [# of strips]

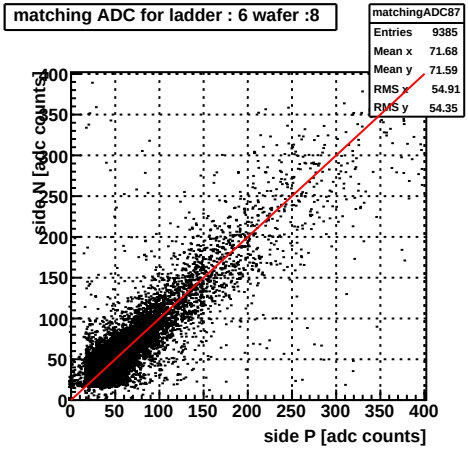

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4498
Mean x 66.22
Mean y 59.21
RMS x 54.99
RMS y 51.42
side N [adc counts]
side P [adc counts]

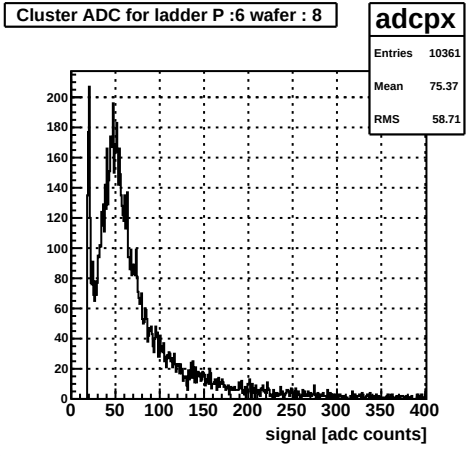

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 31323
Mean 34.81
RMS 35.23
signal [adc counts]

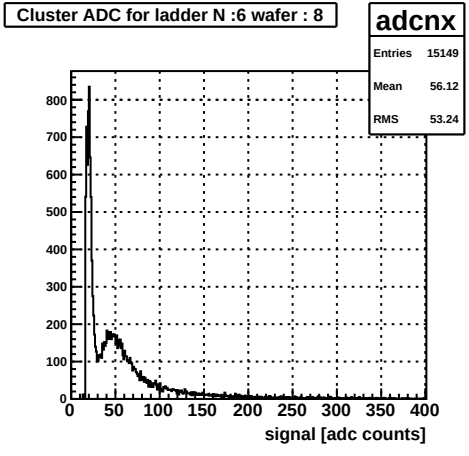

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 11897
Mean 49.7
RMS 49.4
signal [adc counts]

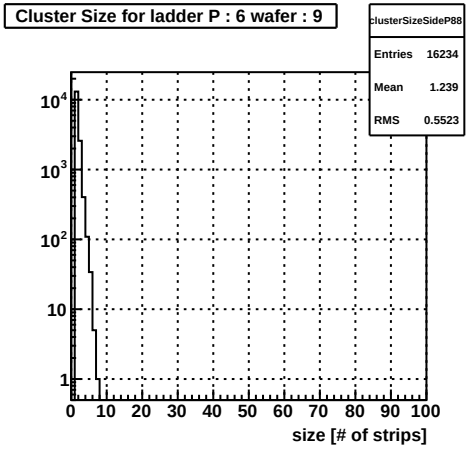

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 10361
Mean 1.37
RMS 0.6913
size [# of strips]

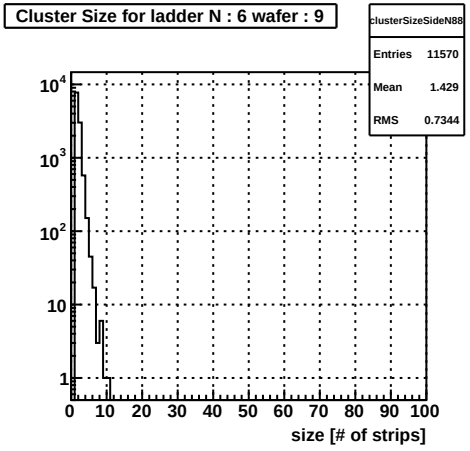

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 15149
Mean 1.344
RMS 0.6911
size [# of strips]

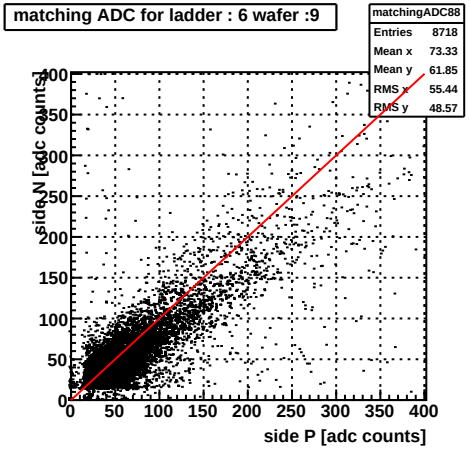

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 9385
Mean x 71.68
Mean y 71.59
RMS x 54.91
RMS y 54.35
side N [adc counts]
side P [adc counts]

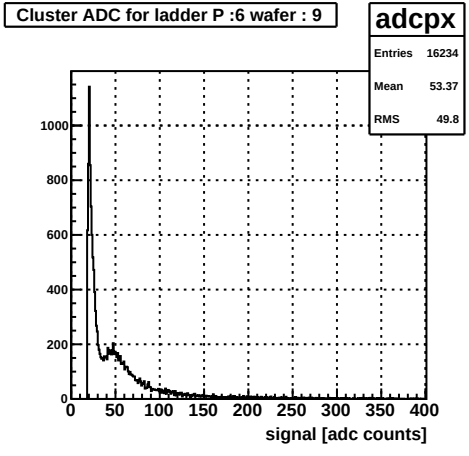

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 10361
Mean 75.37
RMS 58.71
signal [adc counts]

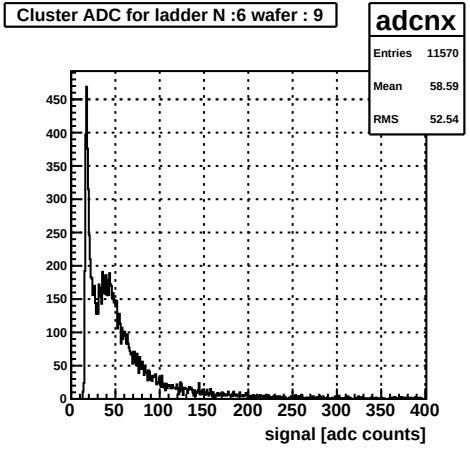

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 15149
Mean 56.12
RMS 53.24
signal [adc counts]

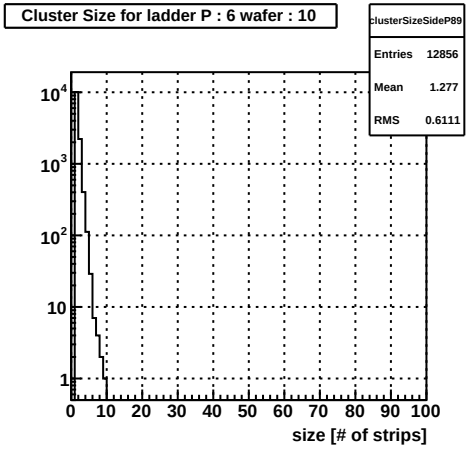

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 16234
Mean 1.239
RMS 0.5523
size [# of strips]

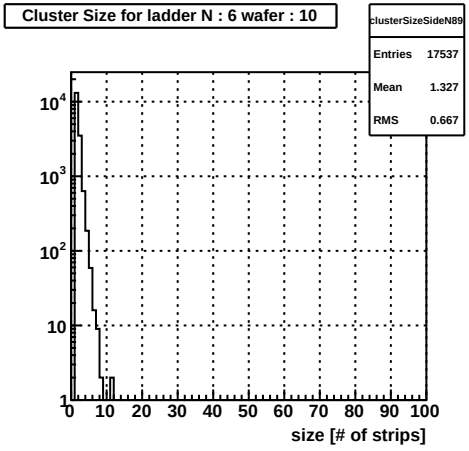

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 11570
Mean 1.429
RMS 0.7344
size [# of strips]

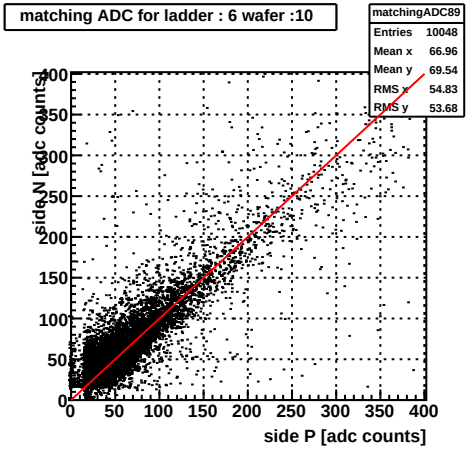

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 8718
Mean x 73.33
Mean y 61.85
RMS x 55.44
RMS y 48.57
side N [adc counts]
side P [adc counts]

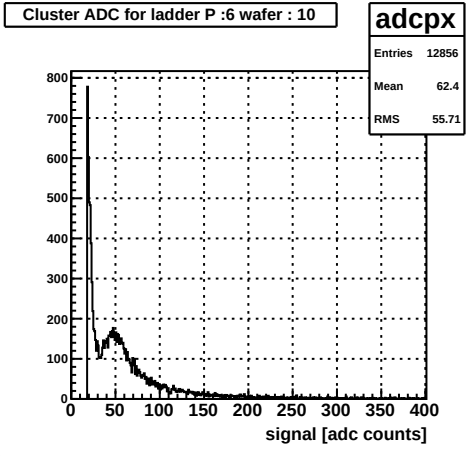

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 16234
Mean 53.37
RMS 49.8
signal [adc counts]

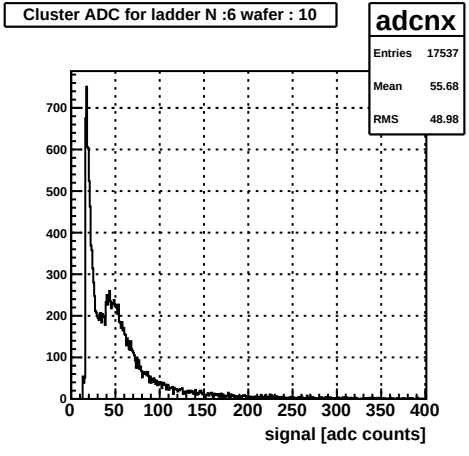

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 11570
Mean 58.59
RMS 52.54
signal [adc counts]

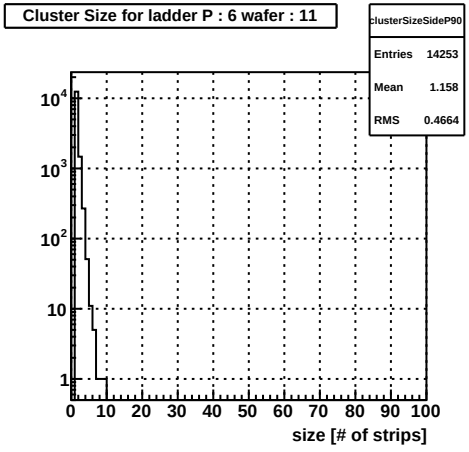

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 12856
Mean 1.277
RMS 0.6111
size [# of strips]

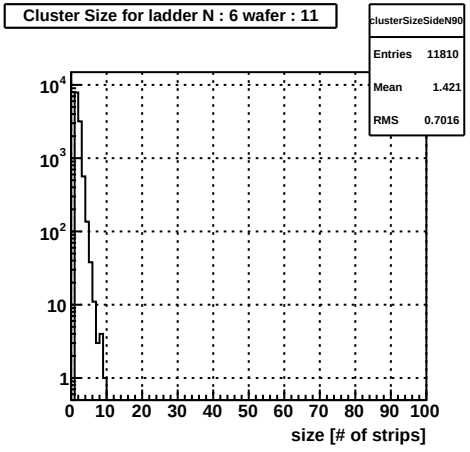

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 17537
Mean 1.327
RMS 0.667
size [# of strips]

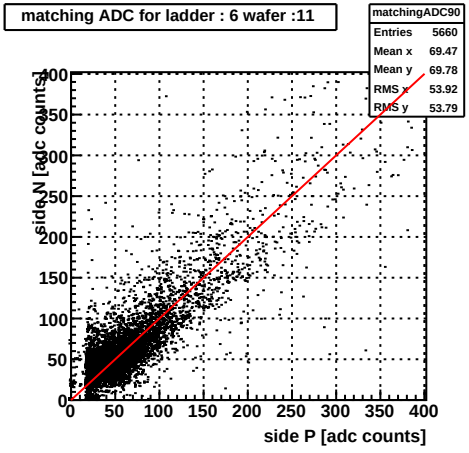

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 10048
Mean x 66.96
Mean y 69.54
RMS x 54.83
RMS y 53.68
side N [adc counts]
side P [adc counts]

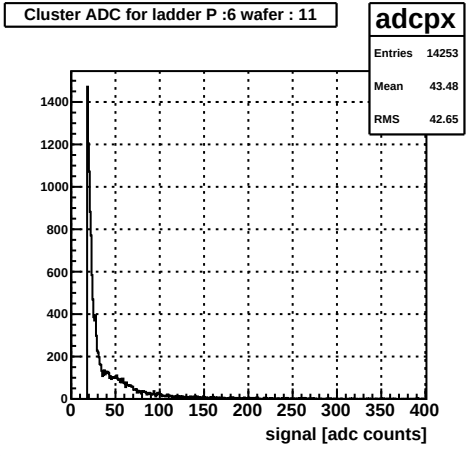

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 12856
Mean 62.4
RMS 55.71
signal [adc counts]

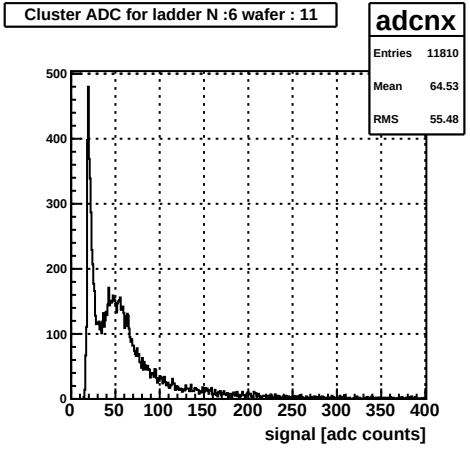

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 17537
Mean 55.68
RMS 48.98
signal [adc counts]

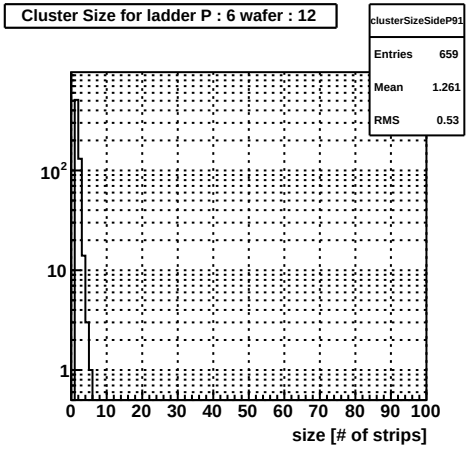

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14253
Mean 1.158
RMS 0.4664
size [# of strips]

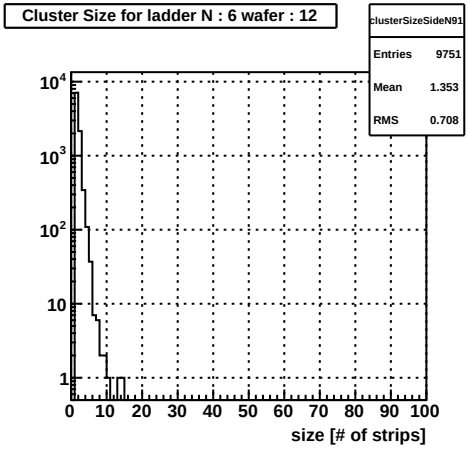

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 11810
Mean 1.421
RMS 0.7016
size [# of strips]

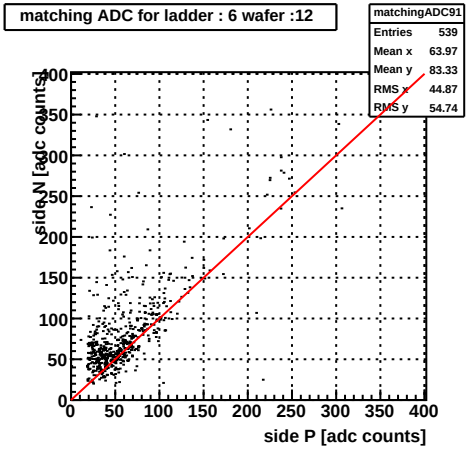

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5660
Mean x 69.47
Mean y 69.78
RMS x 53.92
RMS y 53.79
side N [adc counts]
side P [adc counts]

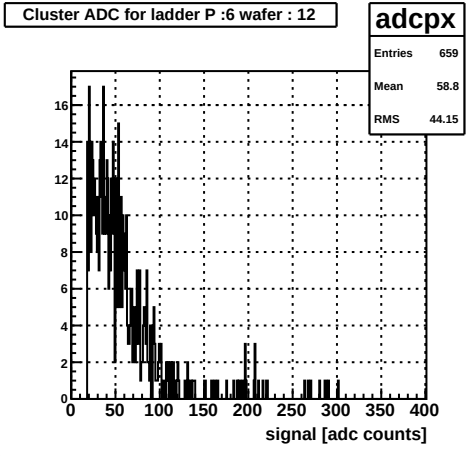

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14253
Mean 43.48
RMS 42.65
signal [adc counts]

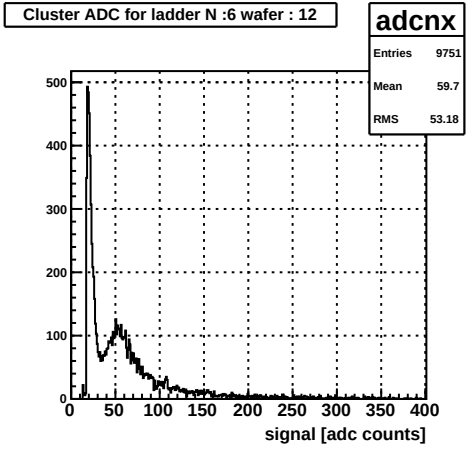

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 11810
Mean 64.53
RMS 55.48
signal [adc counts]

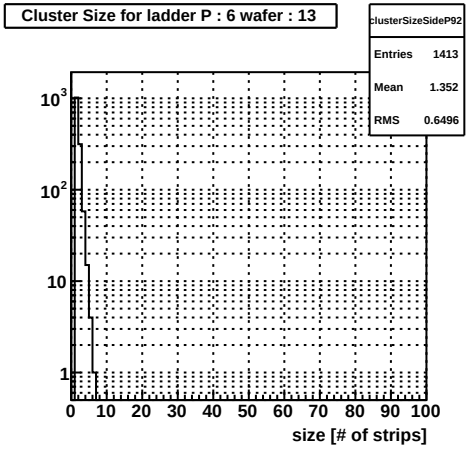

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 659
Mean 1.261
RMS 0.53
size [# of strips]

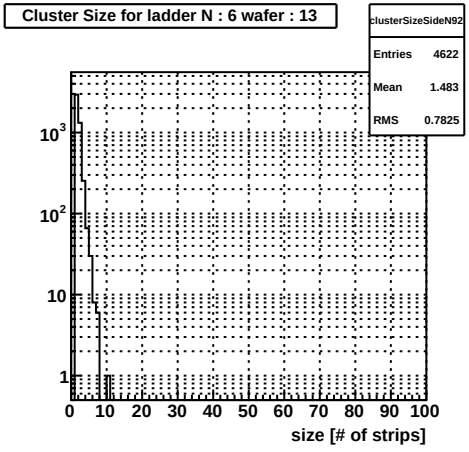

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 9751
Mean 1.353
RMS 0.708
size [# of strips]

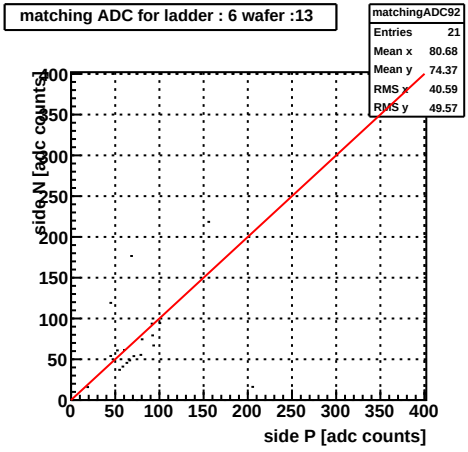

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 539
Mean x 63.97
Mean y 83.33
RMS x 44.87
RMS y 54.74
side N [adc counts]
side P [adc counts]

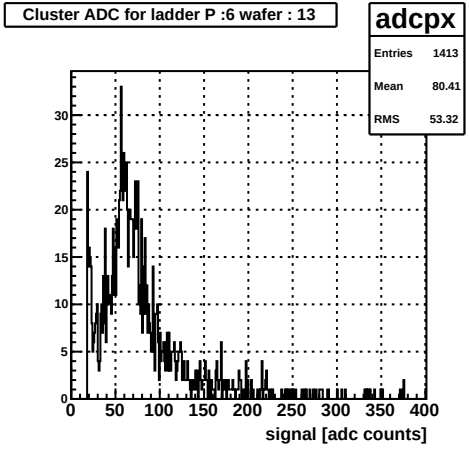

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 659
Mean 58.8
RMS 44.15
signal [adc counts]

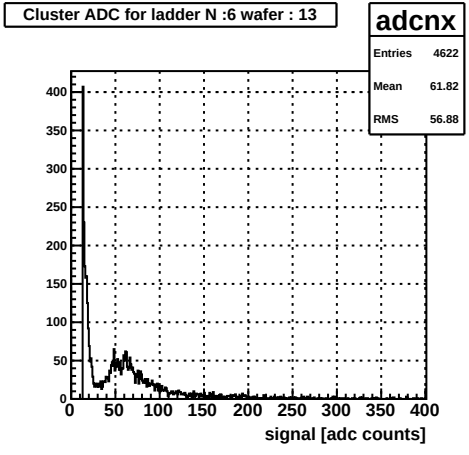

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 9751
Mean 59.7
RMS 53.18
signal [adc counts]

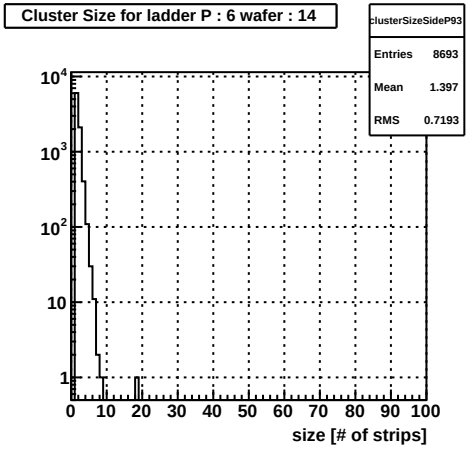

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1413
Mean 1.352
RMS 0.6496
size [# of strips]

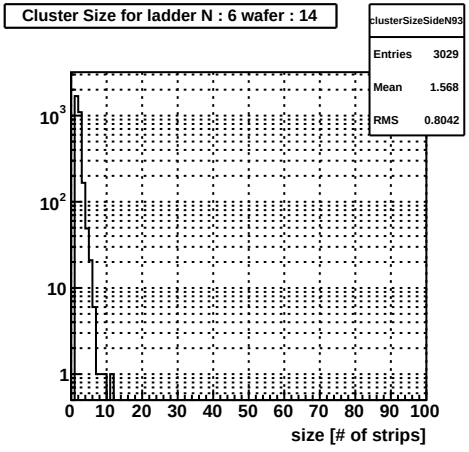

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4622
Mean 1.483
RMS 0.7825
size [# of strips]

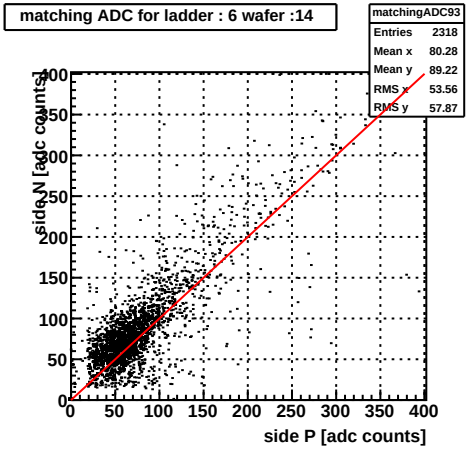

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 21
Mean x 80.68
Mean y 74.37
RMS x 40.59
RMS y 49.57
side N [adc counts]
side P [adc counts]

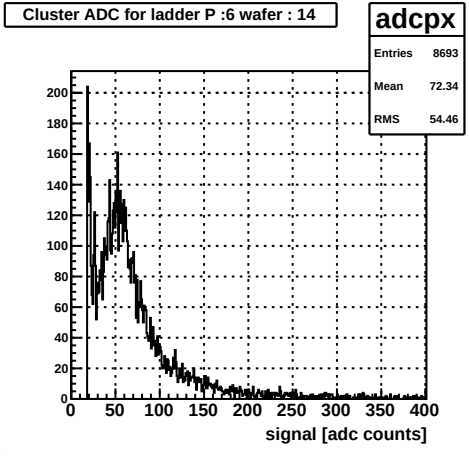

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1413
Mean 80.41
RMS 53.32
signal [adc counts]

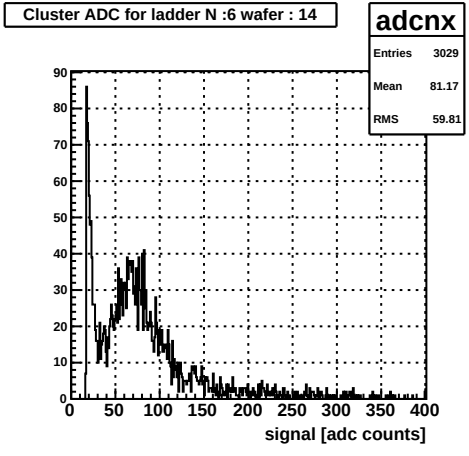

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4622
Mean 61.82
RMS 56.88
signal [adc counts]

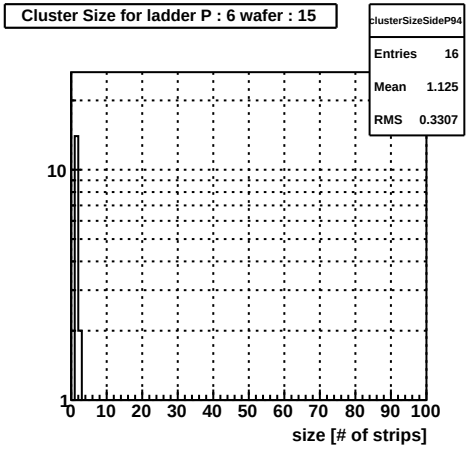

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 8693
Mean 1.397
RMS 0.7193
size [# of strips]

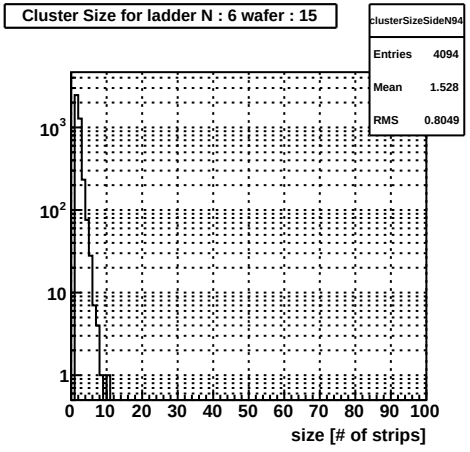

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 3029
Mean 1.568
RMS 0.8042
size [# of strips]

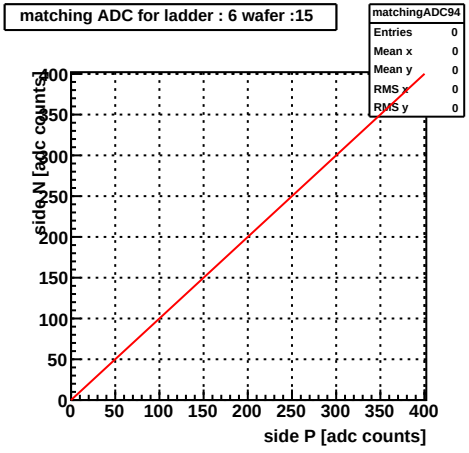

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2318
Mean x 80.28
Mean y 89.22
RMS x 53.56
RMS y 57.87
side N [adc counts]
side P [adc counts]

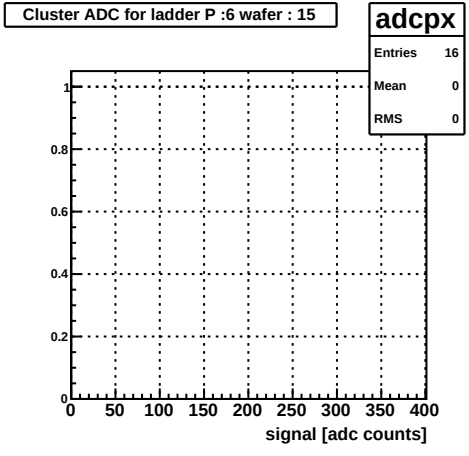

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 8693
Mean 72.34
RMS 54.46
signal [adc counts]

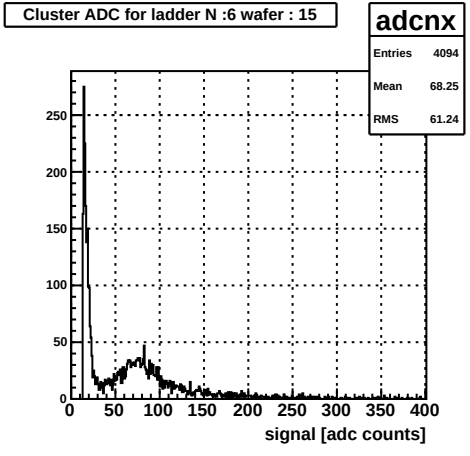

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 3029
Mean 81.17
RMS 59.81
signal [adc counts]

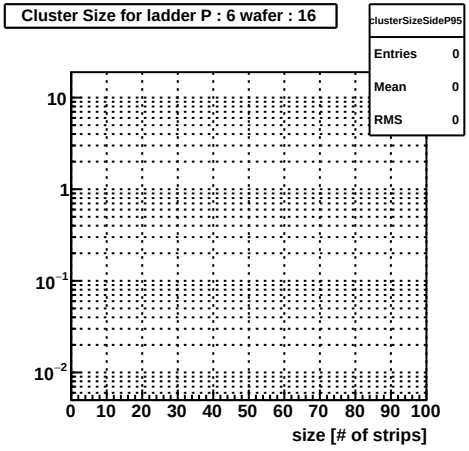

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

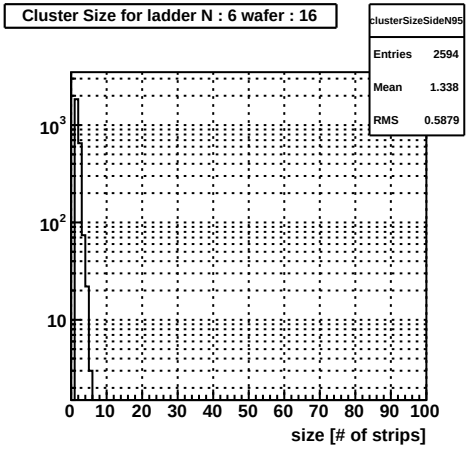

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4094
Mean 1.528
RMS 0.8049
size [# of strips]

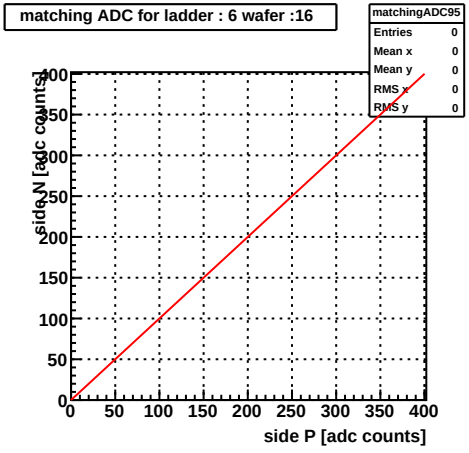

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

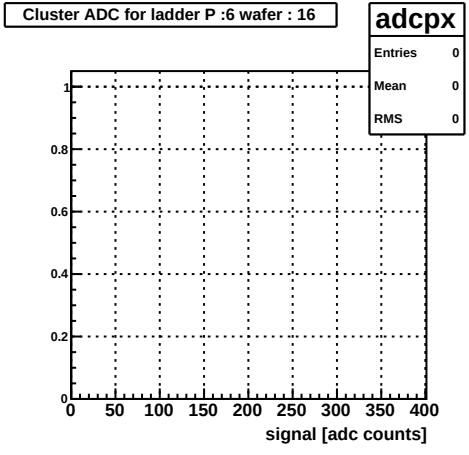

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

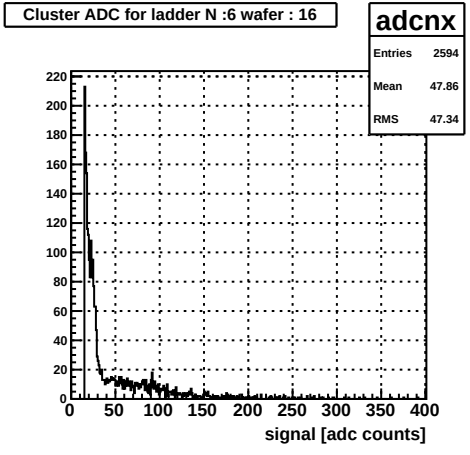

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4094
Mean 68.25
RMS 61.24
signal [adc counts]

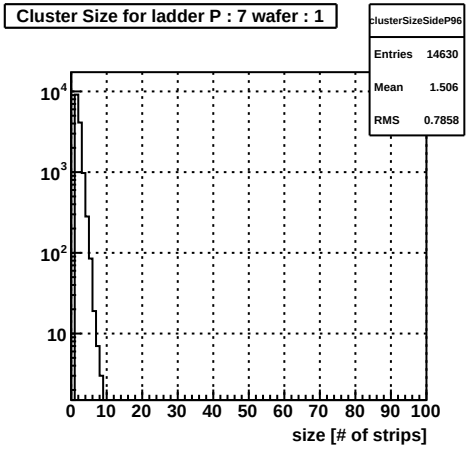

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

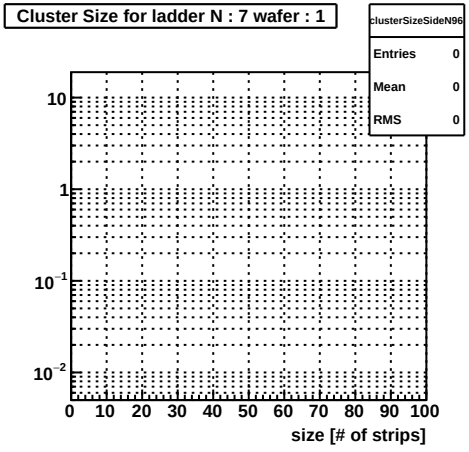

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2594
Mean 1.338
RMS 0.5879
size [# of strips]

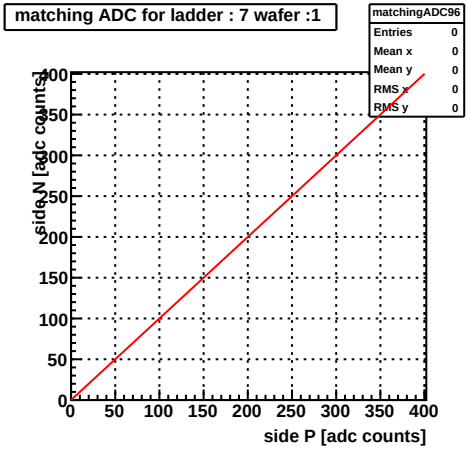

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

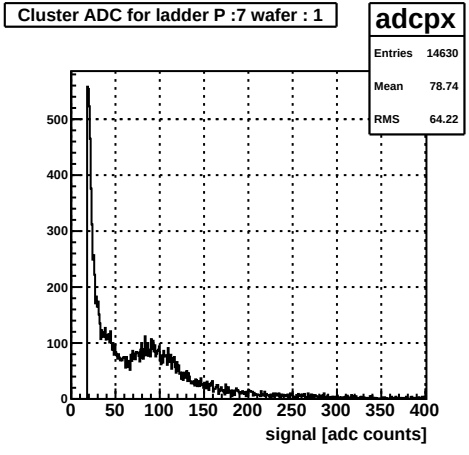

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

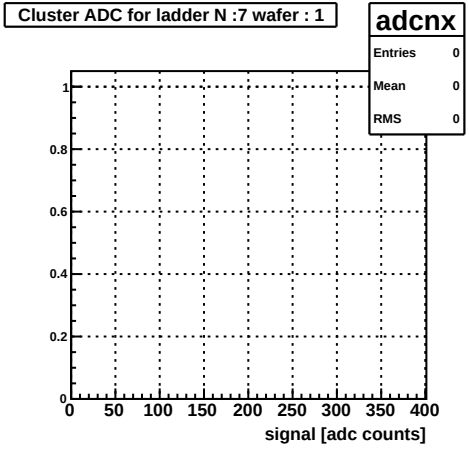

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2594
Mean 47.86
RMS 47.34
signal [adc counts]

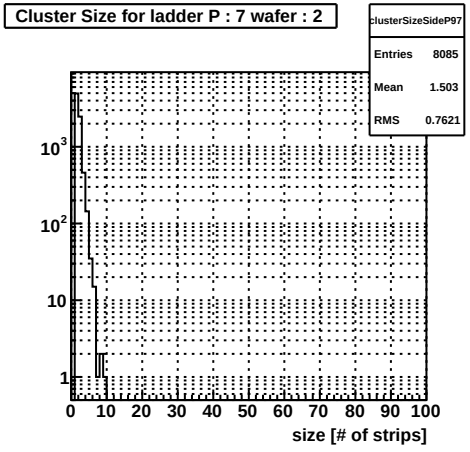

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 14630
Mean 1.506
RMS 0.7858
size [# of strips]

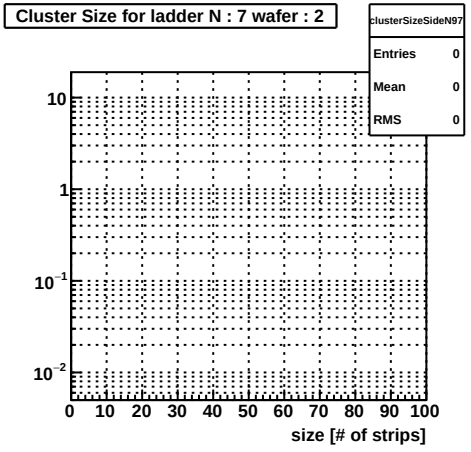

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

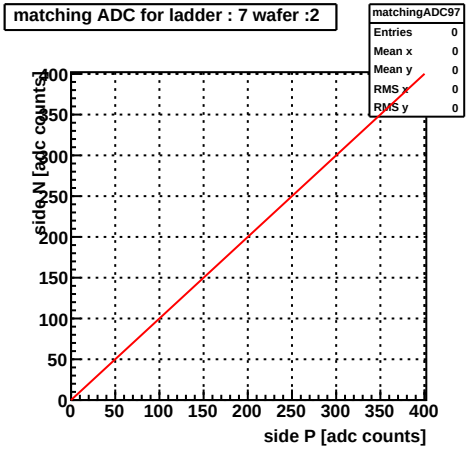

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

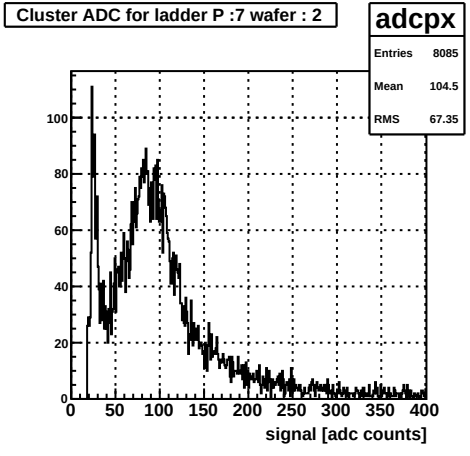

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 14630
Mean 78.74
RMS 64.22
signal [adc counts]

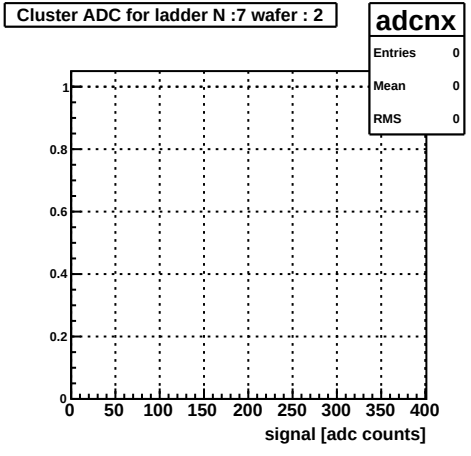

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

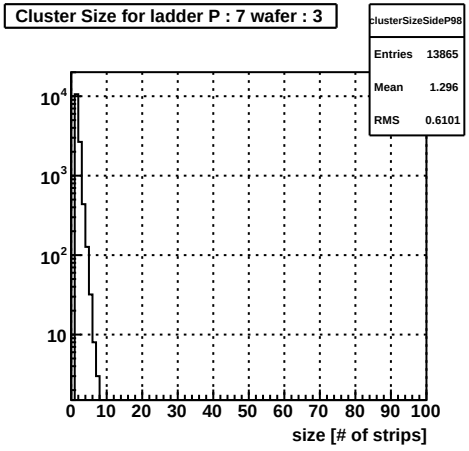

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 8085
Mean 1.503
RMS 0.7621
size [# of strips]

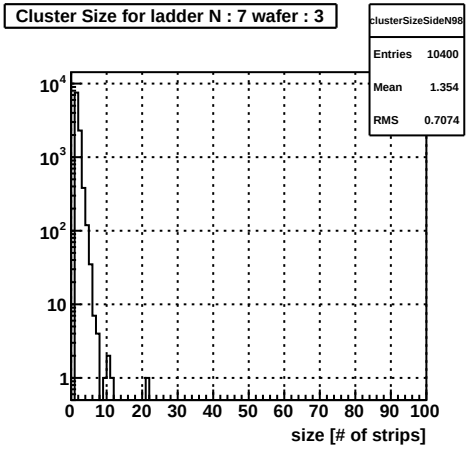

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

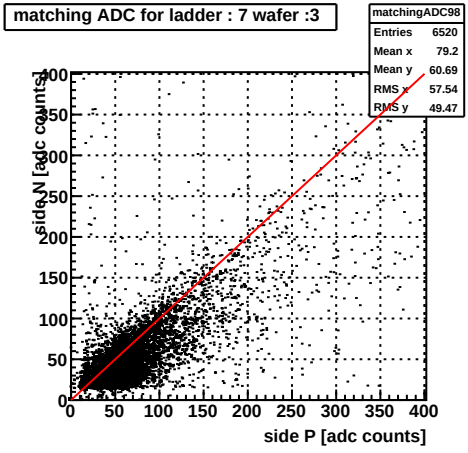

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

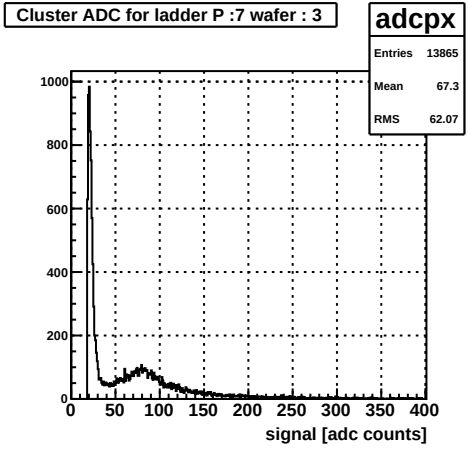

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 8085
Mean 104.5
RMS 67.35
signal [adc counts]

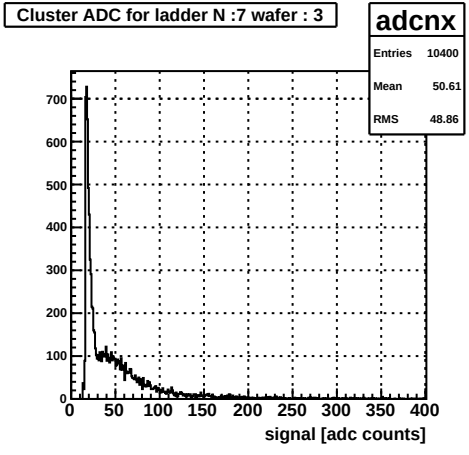

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

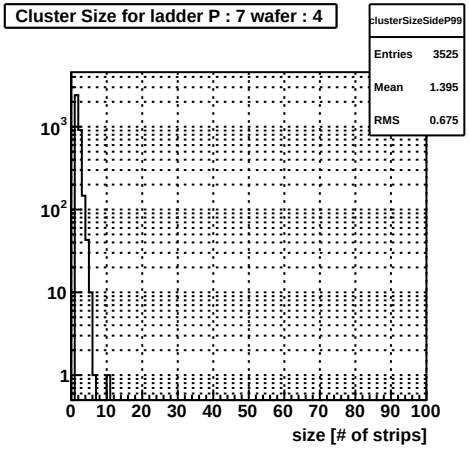

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13865
Mean 1.296
RMS 0.6101
size [# of strips]

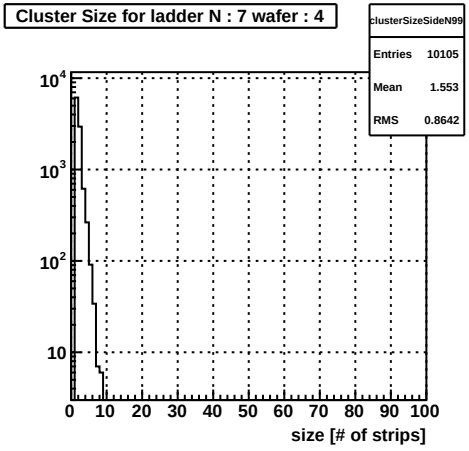

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 10400
Mean 1.354
RMS 0.7074
size [# of strips]

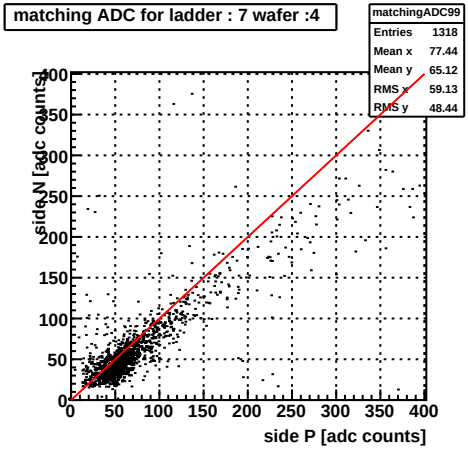

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 6520
Mean x 79.2
Mean y 60.69
RMS x 57.54
RMS y 49.47
side N [adc counts]
side P [adc counts]

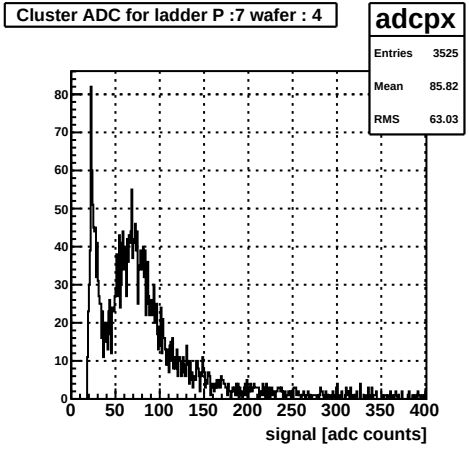

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13865
Mean 67.3
RMS 62.07
signal [adc counts]

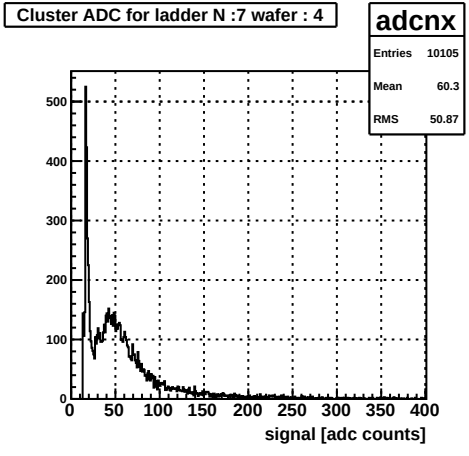

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 10400
Mean 50.61
RMS 48.86
signal [adc counts]

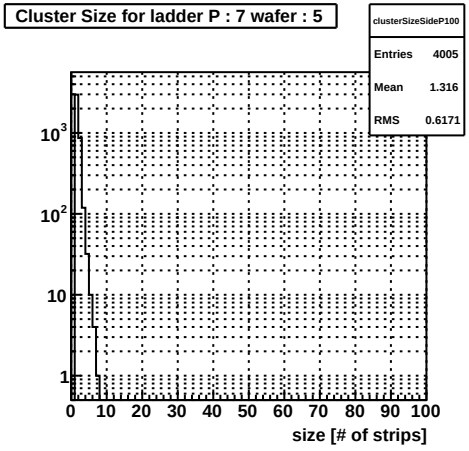

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3525
Mean 1.395
RMS 0.675
size [# of strips]

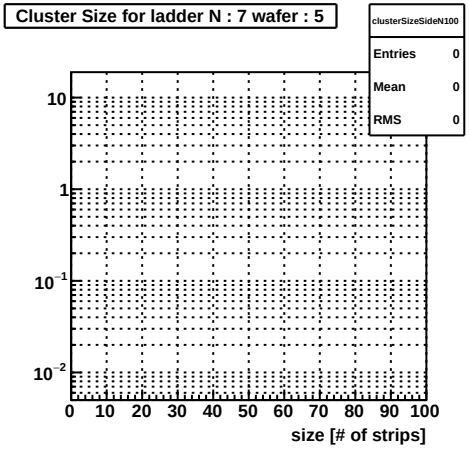

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 10105
Mean 1.553
RMS 0.8642
size [# of strips]

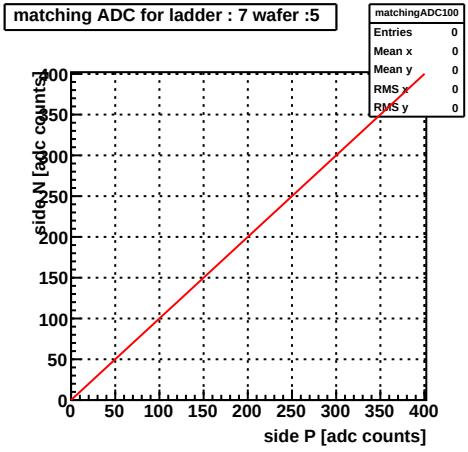

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1318
Mean x 77.44
Mean y 65.12
RMS x 59.13
RMS y 48.44
side N [adc counts]
side P [adc counts]

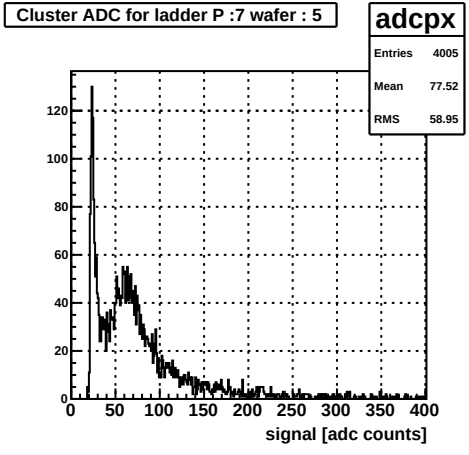

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3525
Mean 85.82
RMS 63.03
signal [adc counts]

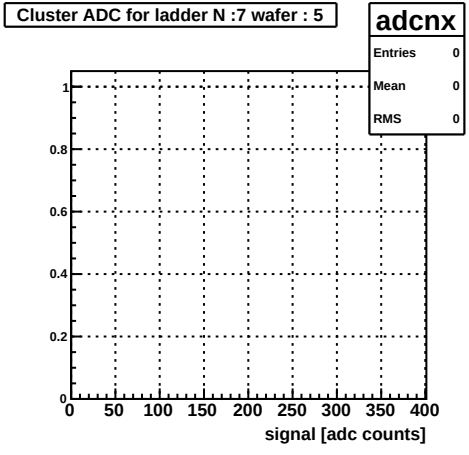

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 10105
Mean 60.3
RMS 50.87
signal [adc counts]

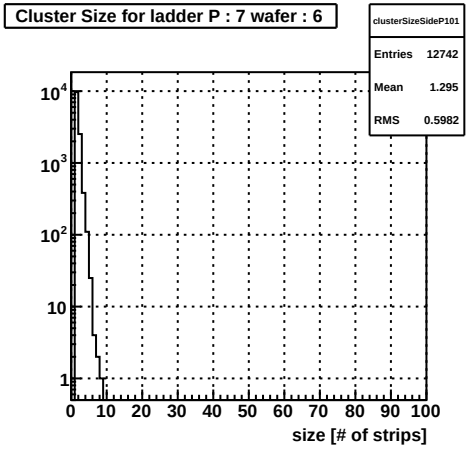

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 4005
Mean 1.316
RMS 0.6171
size [# of strips]

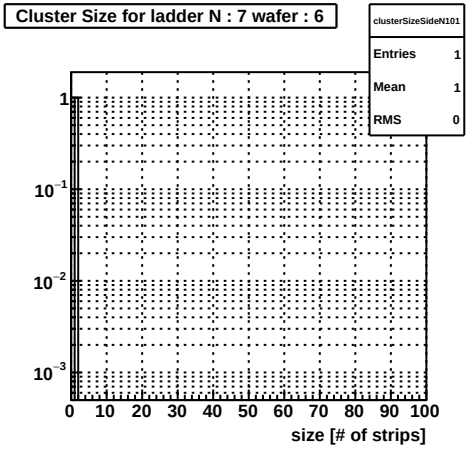

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

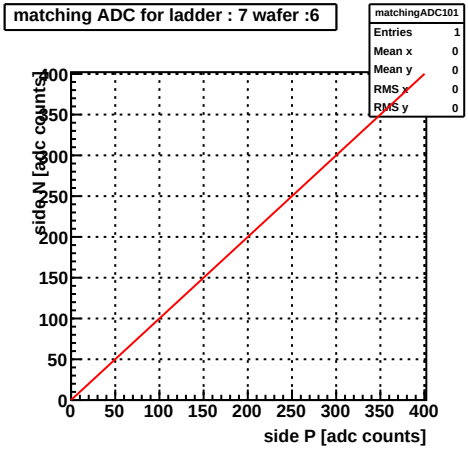

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

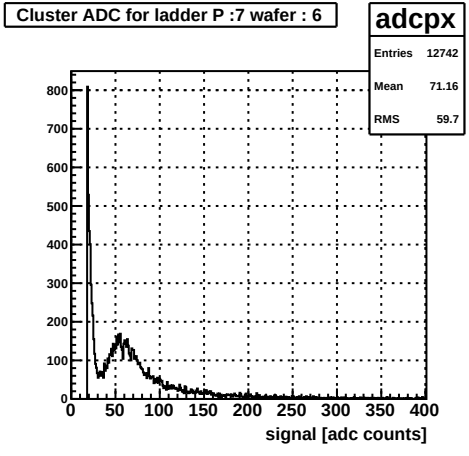

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 4005
Mean 77.52
RMS 58.95
signal [adc counts]

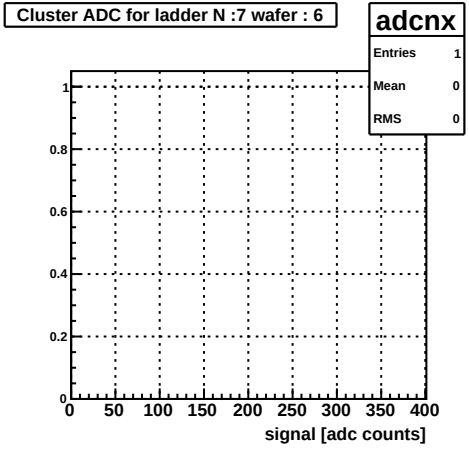

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

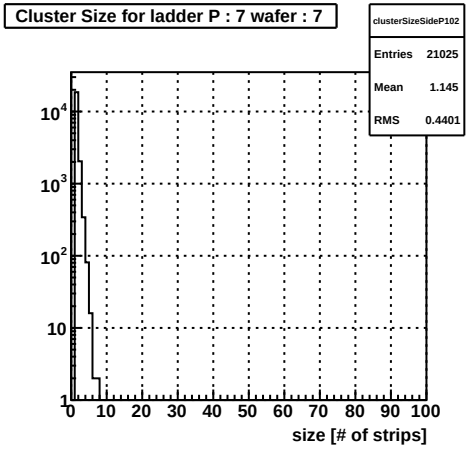

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 12742
Mean 1.295
RMS 0.5982
size [# of strips]

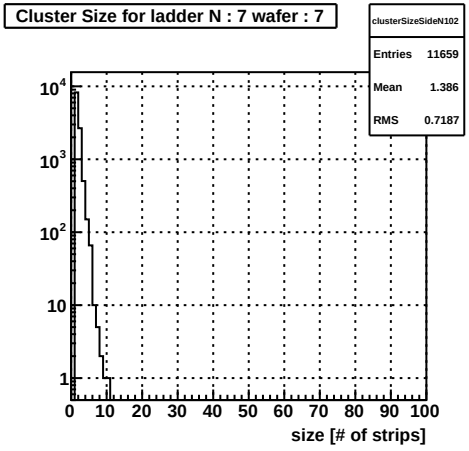

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

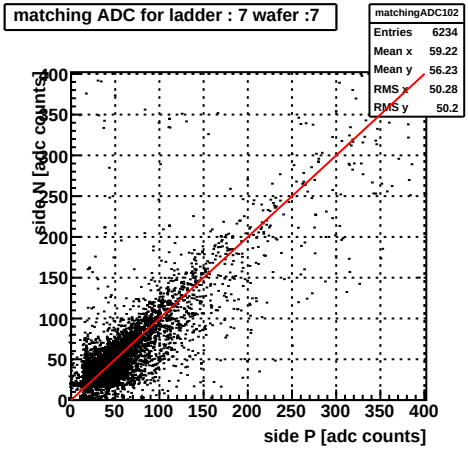

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

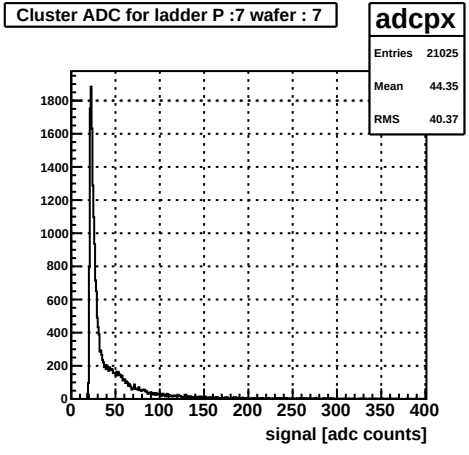

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 12742
Mean 71.16
RMS 59.7
signal [adc counts]

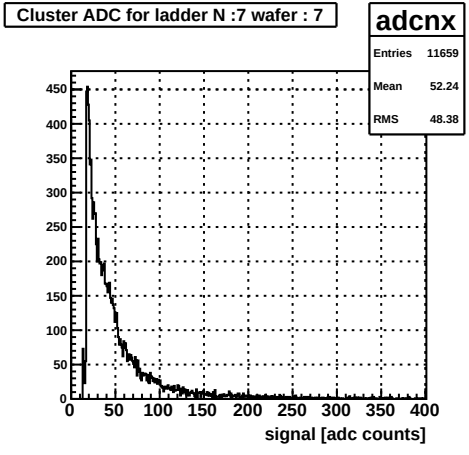

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

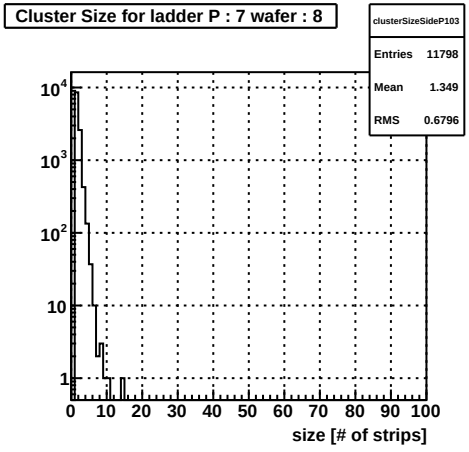

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 21025
Mean 1.145
RMS 0.4401
size [# of strips]

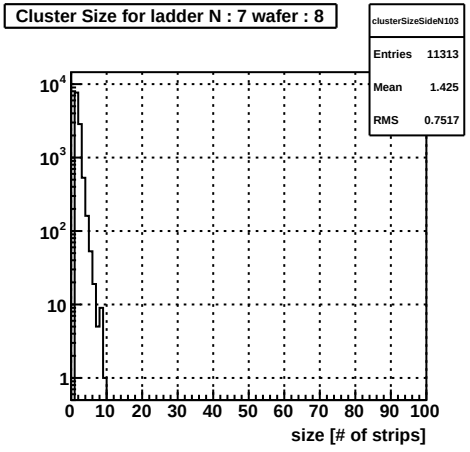

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 11659
Mean 1.386
RMS 0.7187
size [# of strips]

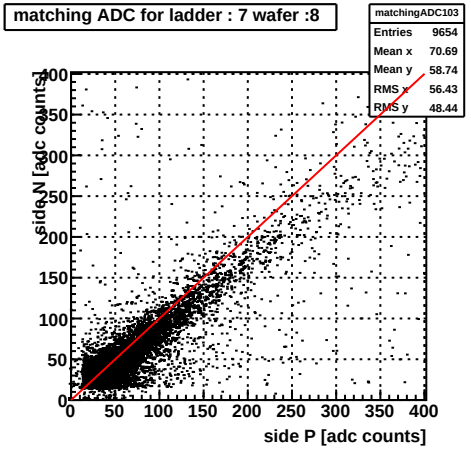

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 6234
Mean x 59.22
Mean y 56.23
RMS x 50.28
RMS y 50.2
side N [adc counts]
side P [adc counts]

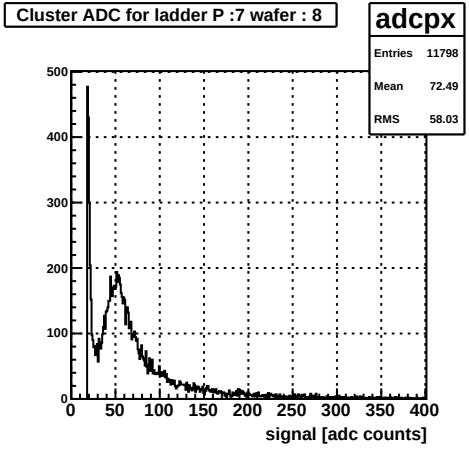

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 21025
Mean 44.35
RMS 40.37
signal [adc counts]

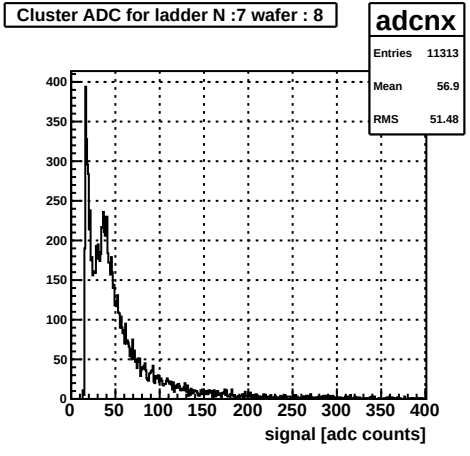

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 11659
Mean 52.24
RMS 48.38
signal [adc counts]

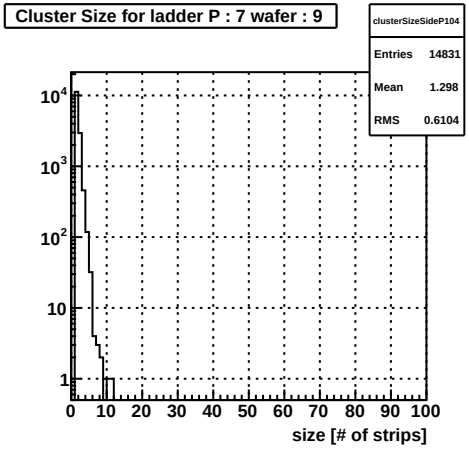

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 11798
Mean 1.349
RMS 0.6796
size [# of strips]

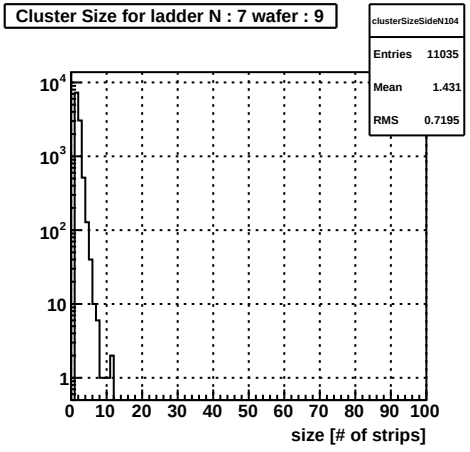

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 11313
Mean 1.425
RMS 0.7517
size [# of strips]

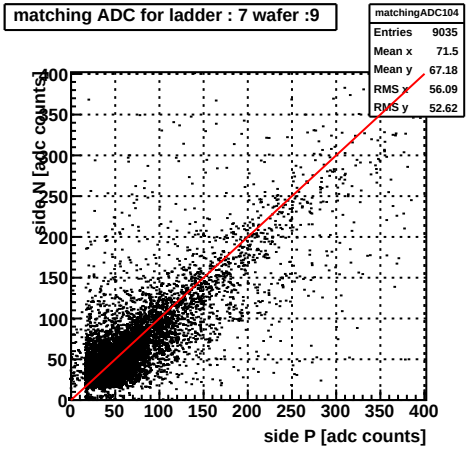

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 9654
Mean x 70.69
Mean y 58.74
RMS x 56.43
RMS y 48.44
side N [adc counts]
side P [adc counts]

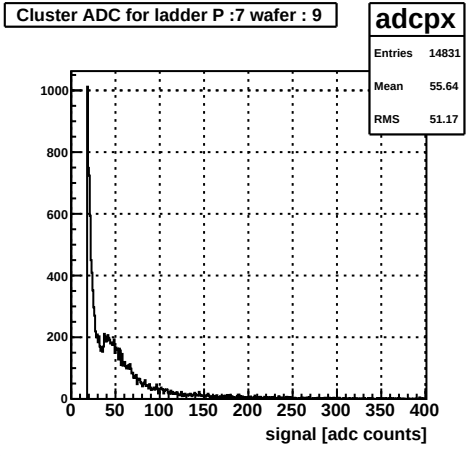

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 11798
Mean 72.49
RMS 58.03
signal [adc counts]

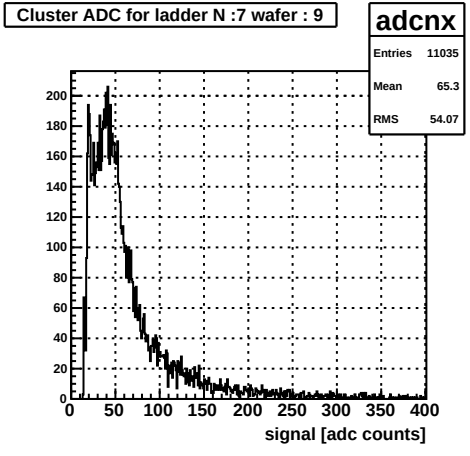

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 11313
Mean 56.9
RMS 51.48
signal [adc counts]

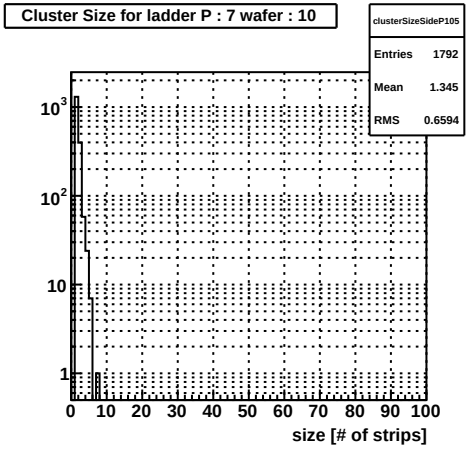

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 14831
Mean 1.298
RMS 0.6104
size [# of strips]

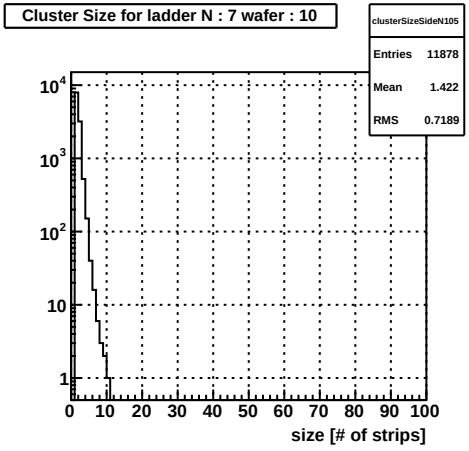

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 11035
Mean 1.431
RMS 0.7195
size [# of strips]

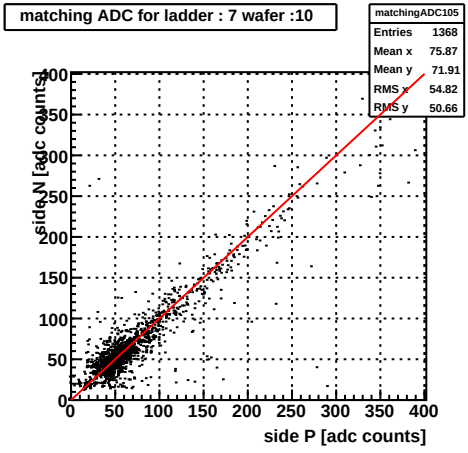

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 9035
Mean x 71.5
Mean y 67.18
RMS x 56.09
RMS y 52.62
side N [adc counts]
side P [adc counts]

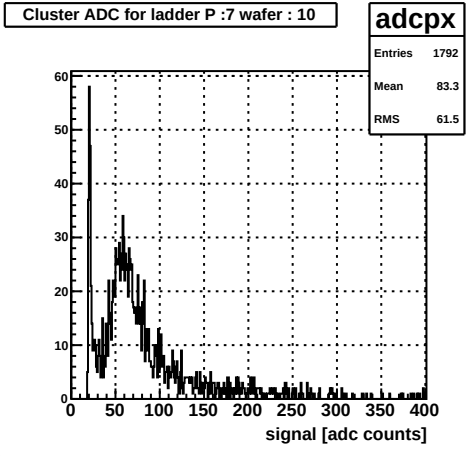

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 14831
Mean 55.64
RMS 51.17
signal [adc counts]

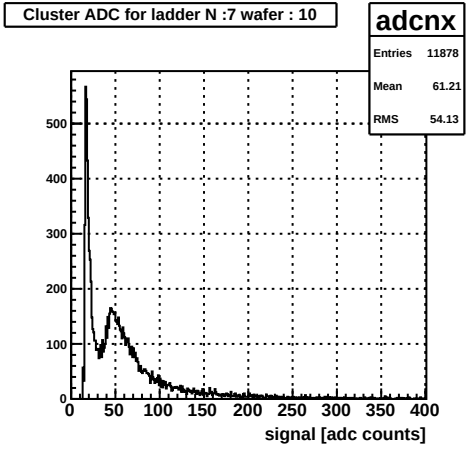

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 11035
Mean 65.3
RMS 54.07
signal [adc counts]

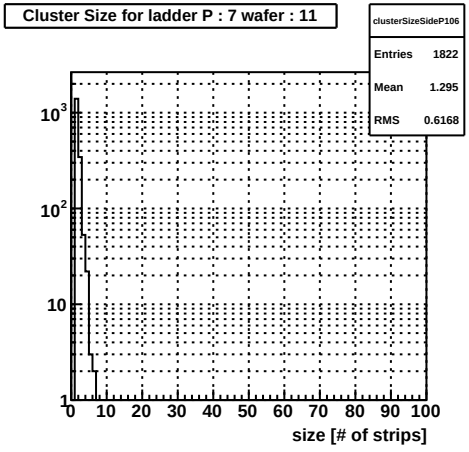

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1792
Mean 1.345
RMS 0.6594
size [# of strips]

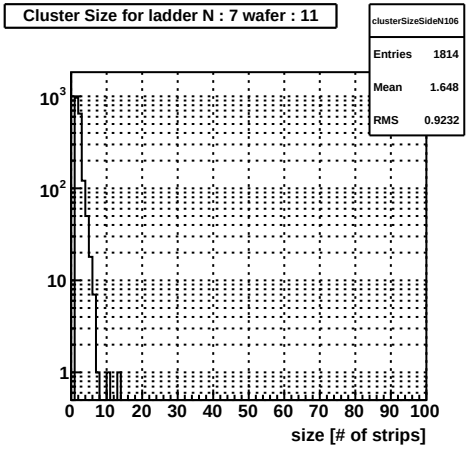

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 11878
Mean 1.422
RMS 0.7189
size [# of strips]

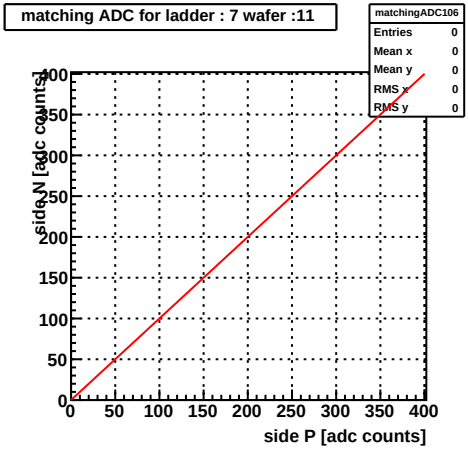

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1368
Mean x 75.87
Mean y 71.91
RMS x 54.82
RMS y 50.66
side N [adc counts]
side P [adc counts]

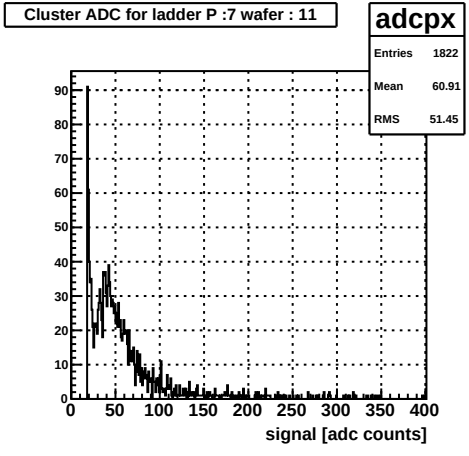

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1792
Mean 83.3
RMS 61.5
signal [adc counts]

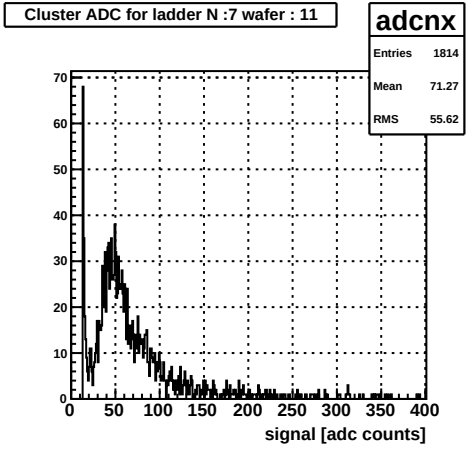

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 11878
Mean 61.21
RMS 54.13
signal [adc counts]

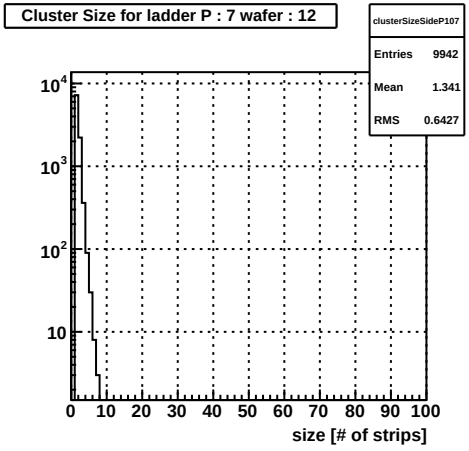

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1822
Mean 1.295
RMS 0.6168
size [# of strips]

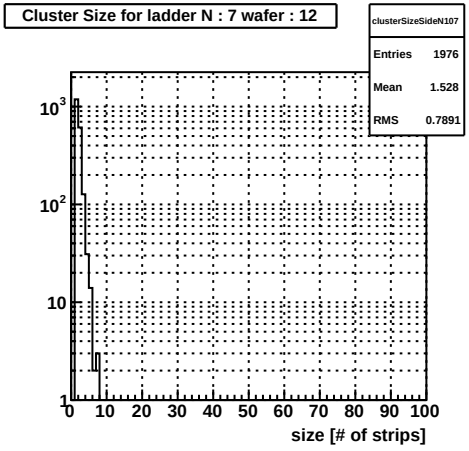

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1814
Mean 1.648
RMS 0.9232
size [# of strips]

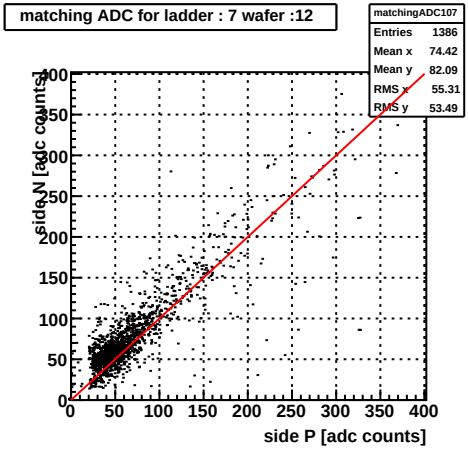

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

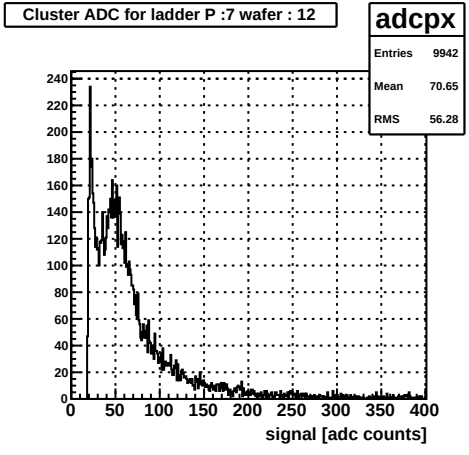

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1822
Mean 60.91
RMS 51.45
signal [adc counts]

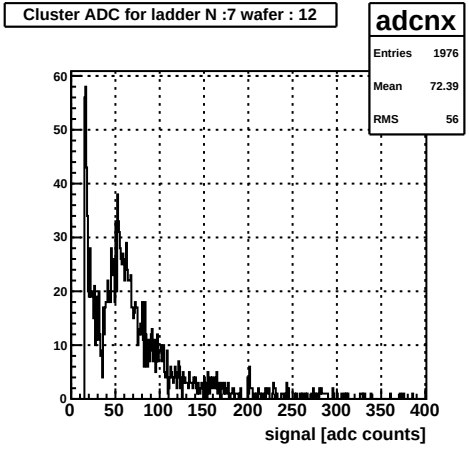

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1814
Mean 71.27
RMS 55.62
signal [adc counts]

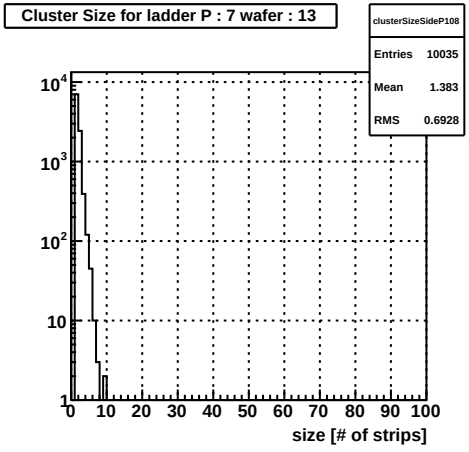

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 9942
Mean 1.341
RMS 0.6427
size [# of strips]

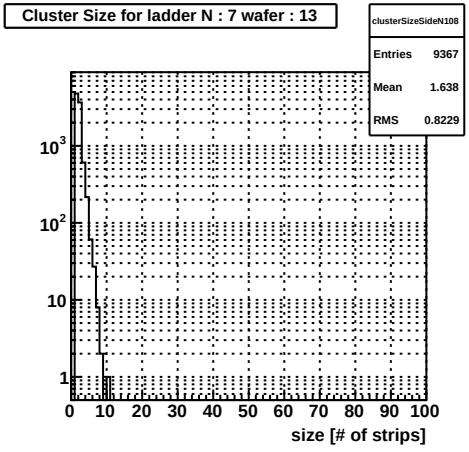

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1976
Mean 1.528
RMS 0.7891
size [# of strips]

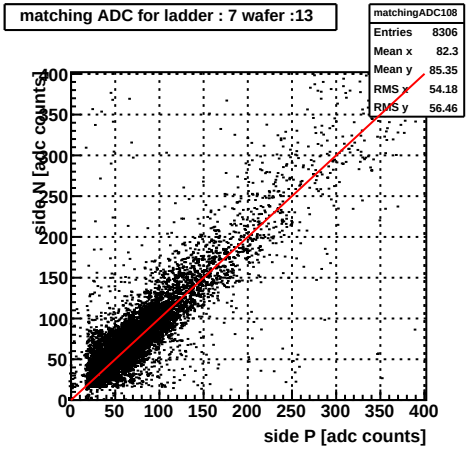

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1386
Mean x 74.42
Mean y 82.09
RMS x 55.31
RMS y 53.49
side N [adc counts]
side P [adc counts]

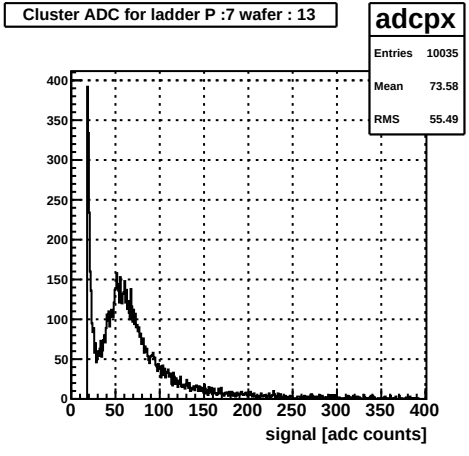

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 9942
Mean 70.65
RMS 56.28
signal [adc counts]

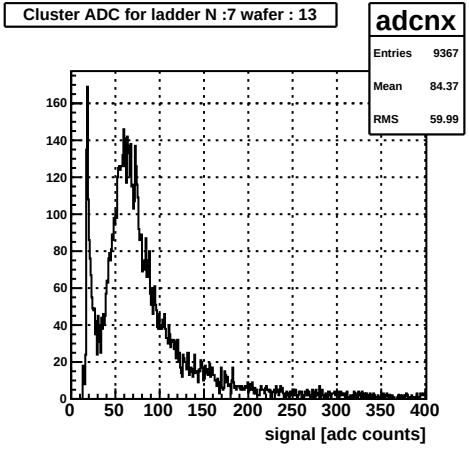

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1976
Mean 72.39
RMS 56
signal [adc counts]

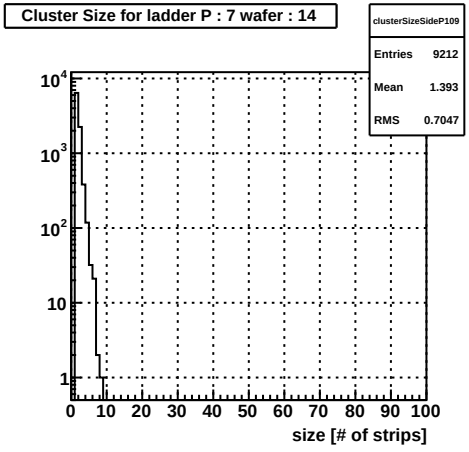

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 10035
Mean 1.383
RMS 0.6928
size [# of strips]

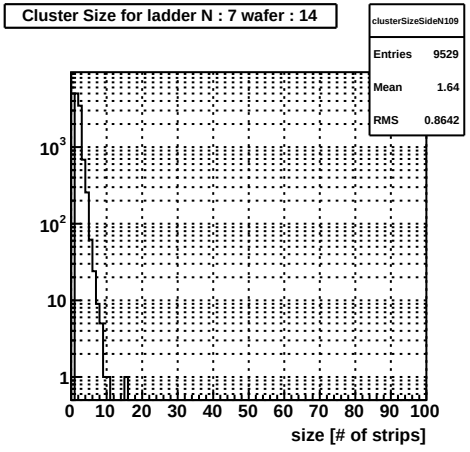

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 9367
Mean 1.638
RMS 0.8229
size [# of strips]

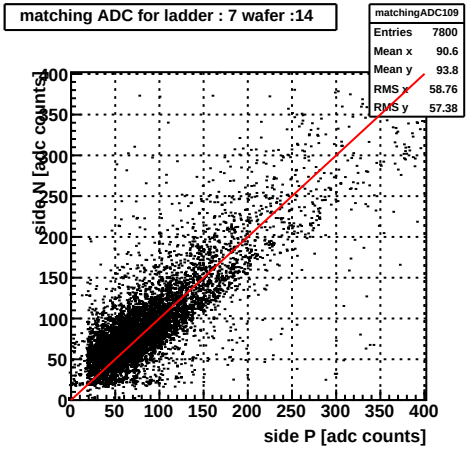

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 8306
Mean x 82.3
Mean y 85.35
RMS x 54.18
RMS y 56.46
side N [adc counts]
side P [adc counts]

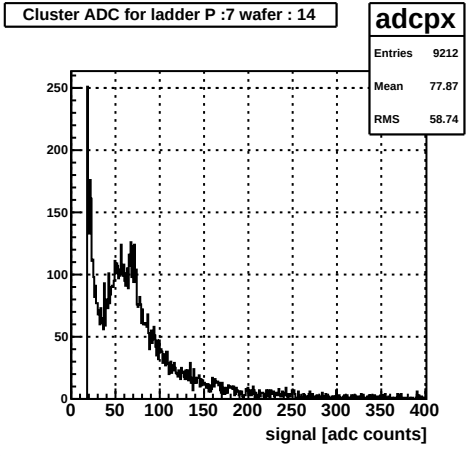

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 10035
Mean 73.58
RMS 55.49
signal [adc counts]

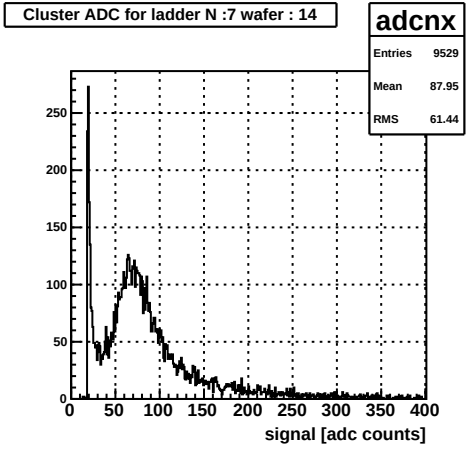

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 9367
Mean 84.37
RMS 59.99
signal [adc counts]

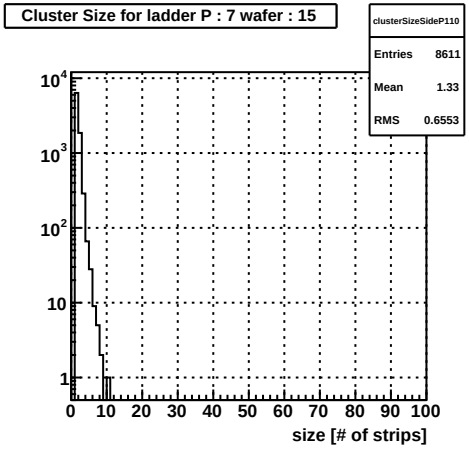

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 9212
Mean 1.393
RMS 0.7047
size [# of strips]

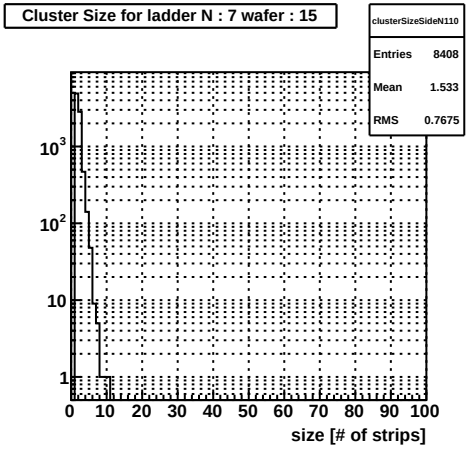

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 9529
Mean 1.64
RMS 0.8642
size [# of strips]

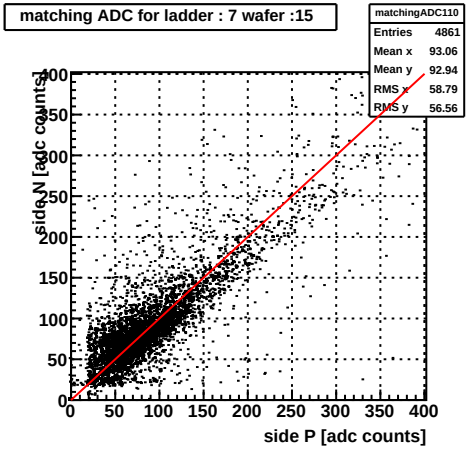

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 7800
Mean x 90.6
Mean y 93.8
RMS x 58.76
RMS y 57.38
side N [adc counts]
side P [adc counts]

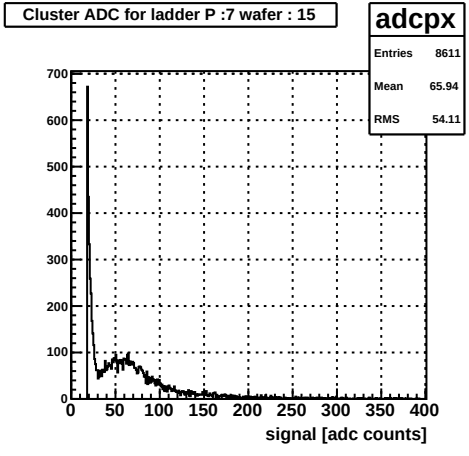

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 9212
Mean 77.87
RMS 58.74
signal [adc counts]

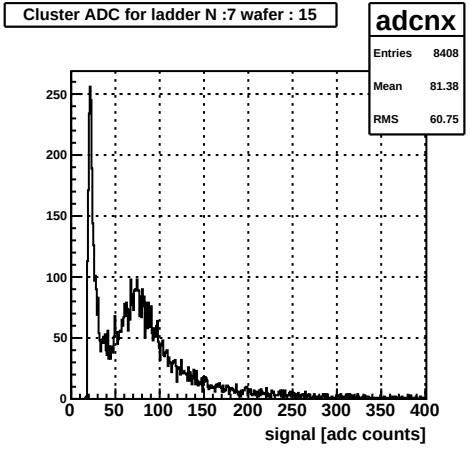

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 9529
Mean 87.95
RMS 61.44
signal [adc counts]

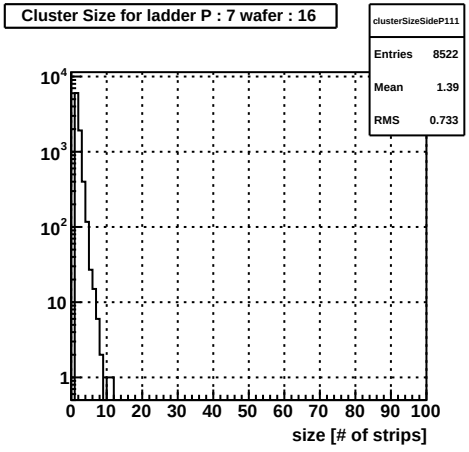

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 8611
Mean 1.33
RMS 0.6553
size [# of strips]

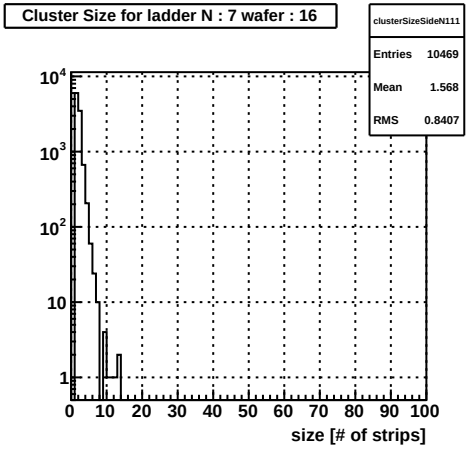

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 8408
Mean 1.533
RMS 0.7675
size [# of strips]

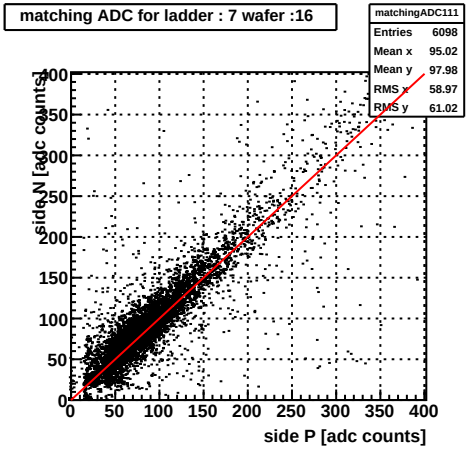

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 4861
Mean x 93.06
Mean y 92.94
RMS x 58.79
RMS y 56.56
side N [adc counts]
side P [adc counts]

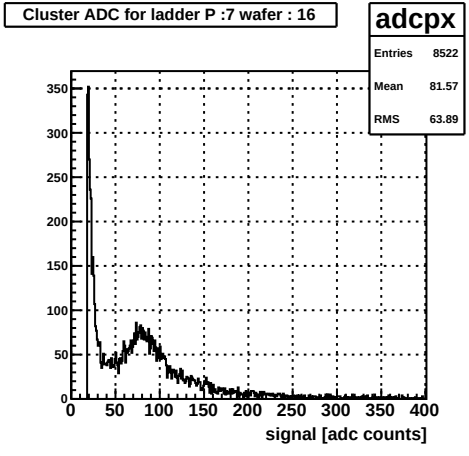

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 8611
Mean 65.94
RMS 54.11
signal [adc counts]

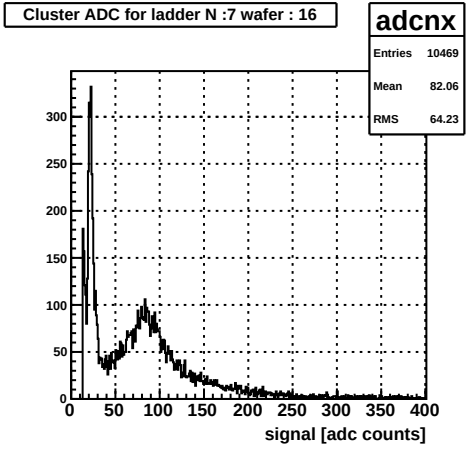

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 8408
Mean 81.38
RMS 60.75
signal [adc counts]

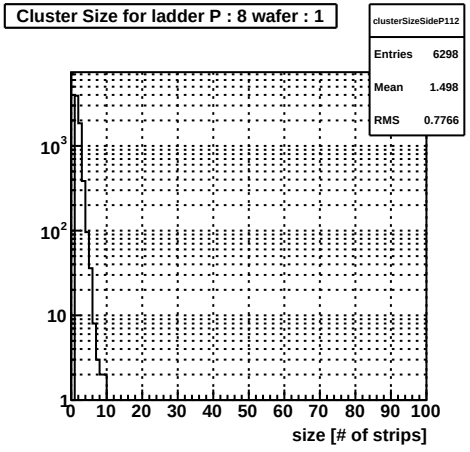

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8522
Mean 1.39
RMS 0.733
size [# of strips]

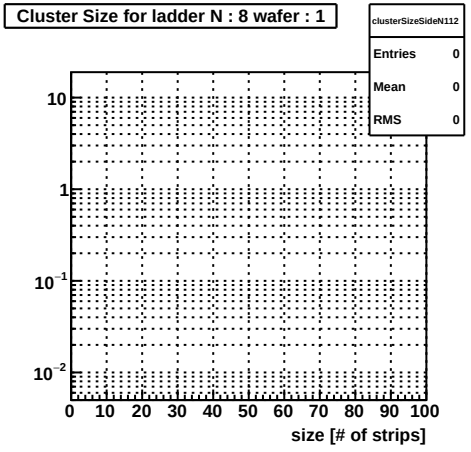

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 10469
Mean 1.568
RMS 0.8407
size [# of strips]

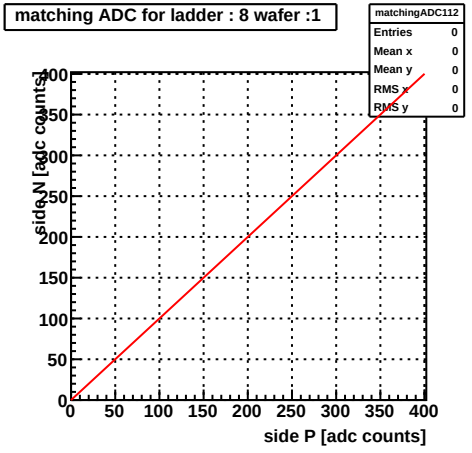

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 6098
Mean x 95.02
Mean y 97.98
RMS x 58.97
RMS y 61.02
side N [adc counts]
side P [adc counts]

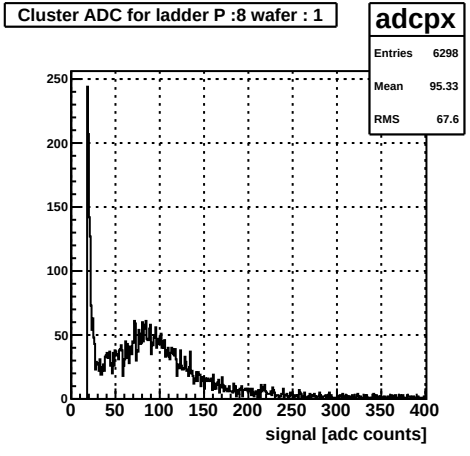

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8522
Mean 81.57
RMS 63.89
signal [adc counts]

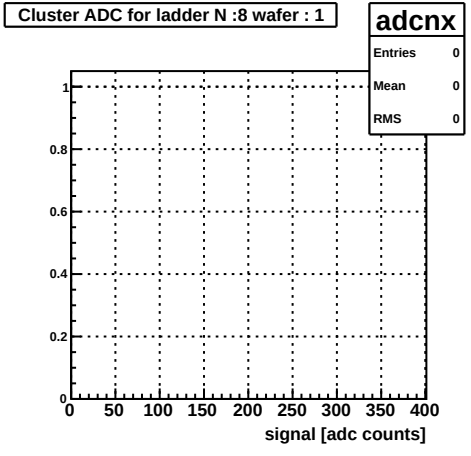

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 10469
Mean 82.06
RMS 64.23
signal [adc counts]

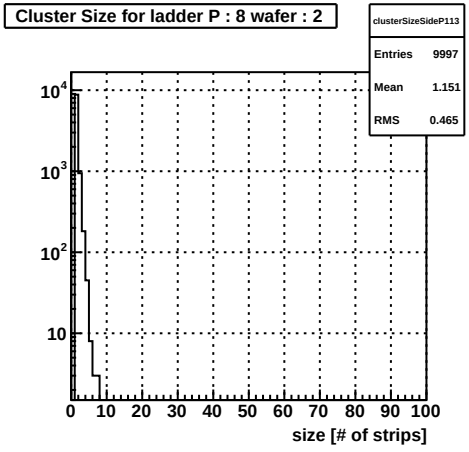

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 6298
Mean 1.498
RMS 0.7766
size [# of strips]

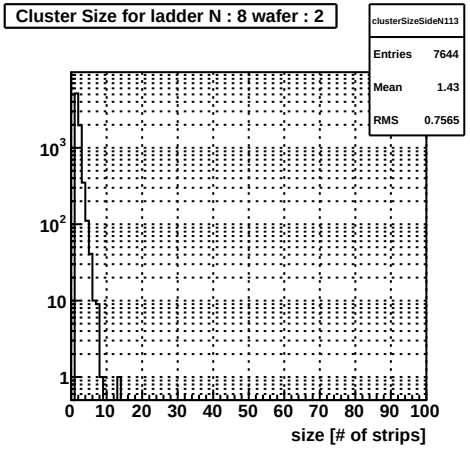

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

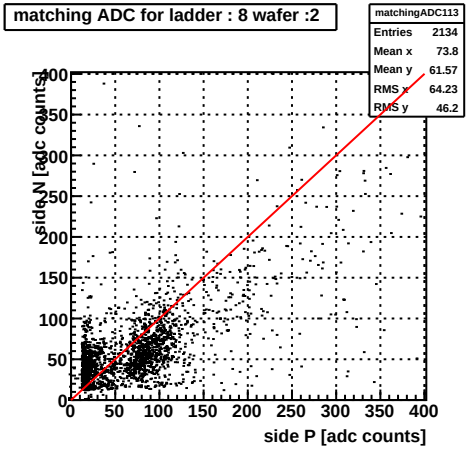

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

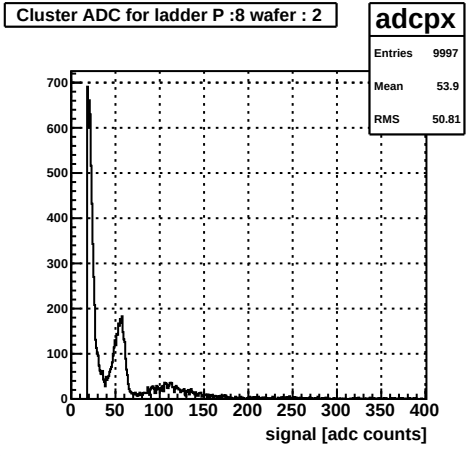

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 6298
Mean 95.33
RMS 67.6
signal [adc counts]

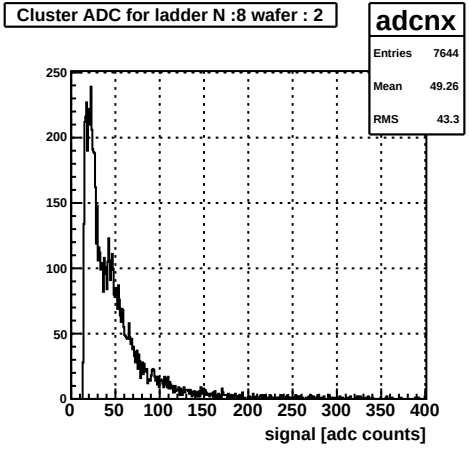

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

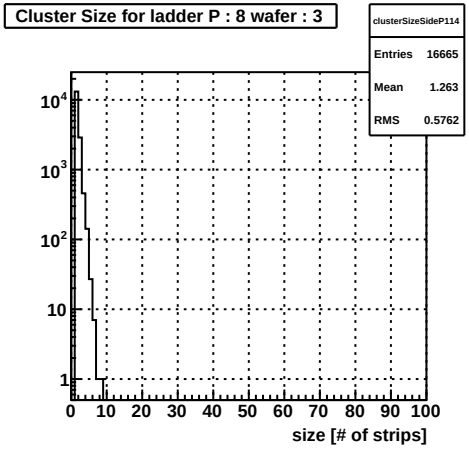

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9997
Mean 1.151
RMS 0.465
size [# of strips]

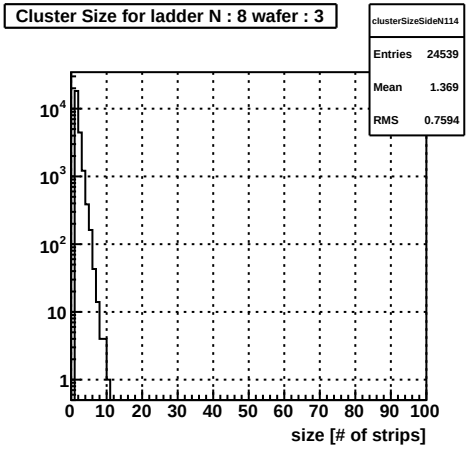

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 7644
Mean 1.43
RMS 0.7565
size [# of strips]

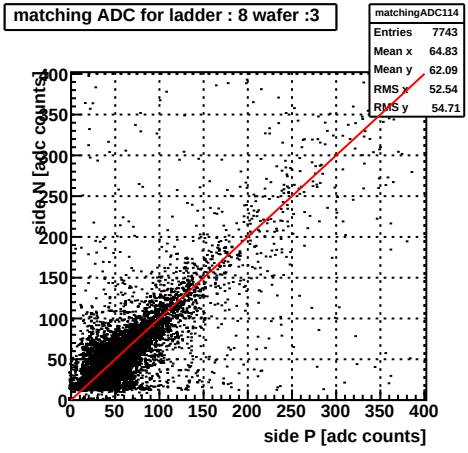

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 2134
Mean x 73.8
Mean y 61.57
RMS x 64.23
RMS y 46.2
side N [adc counts]
side P [adc counts]

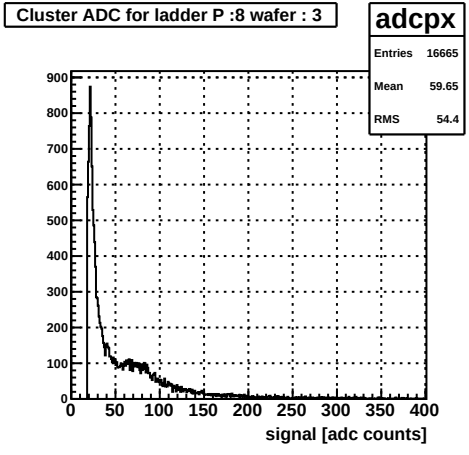

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9997
Mean 53.9
RMS 50.81
signal [adc counts]

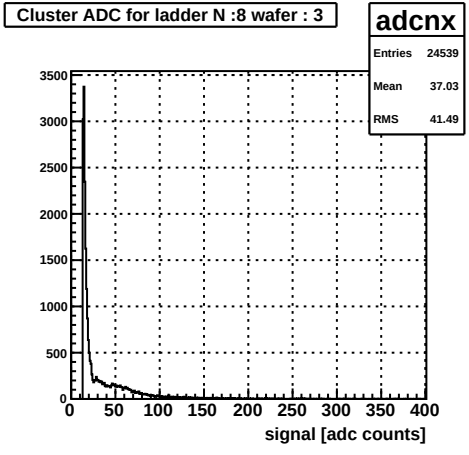

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 7644
Mean 49.26
RMS 43.3
signal [adc counts]

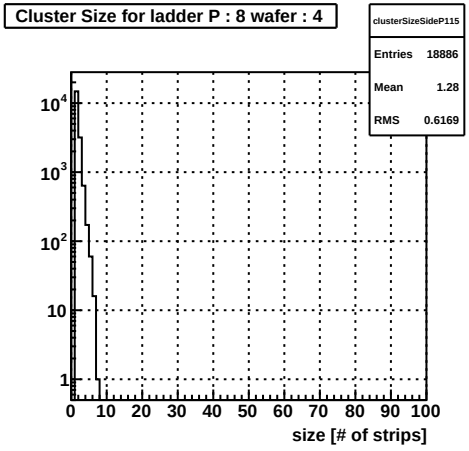

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 16665
Mean 1.263
RMS 0.5762
size [# of strips]

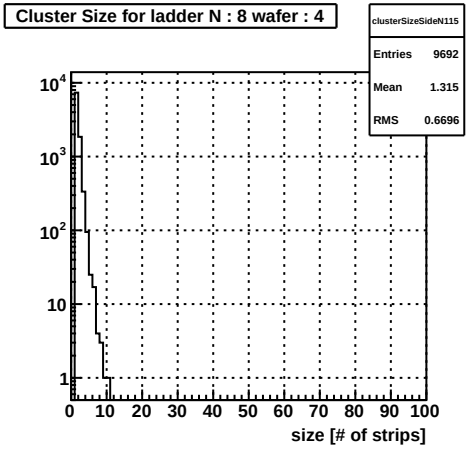

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 24539
Mean 1.369
RMS 0.7594
size [# of strips]

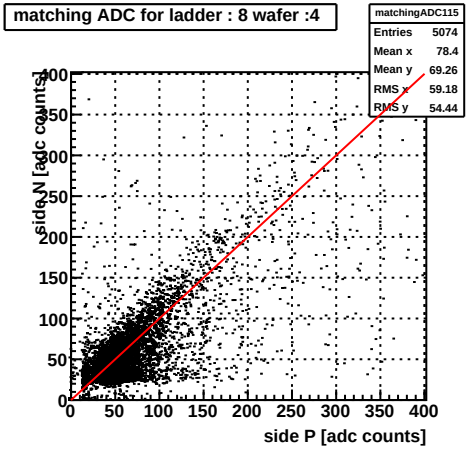

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 7743
Mean x 64.83
Mean y 62.09
RMS x 52.54
RMS y 54.71
side N [adc counts]
side P [adc counts]

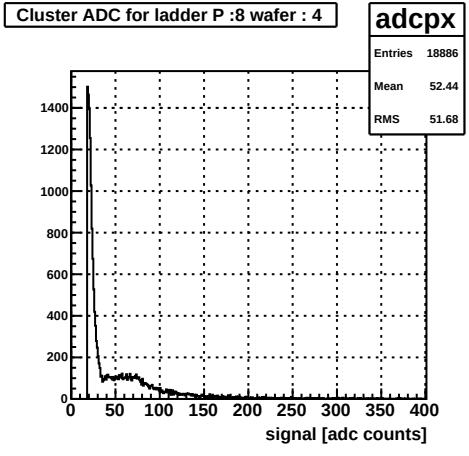

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 16665
Mean 59.65
RMS 54.4
signal [adc counts]

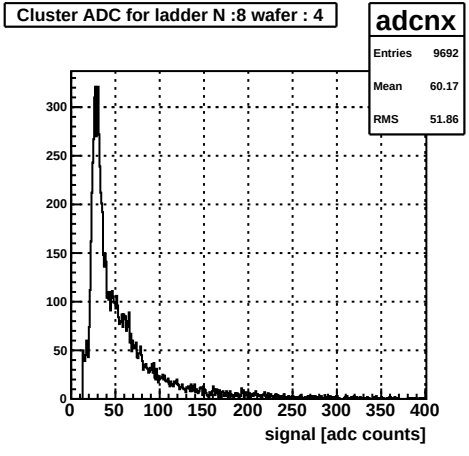

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 24539
Mean 37.03
RMS 41.49
signal [adc counts]

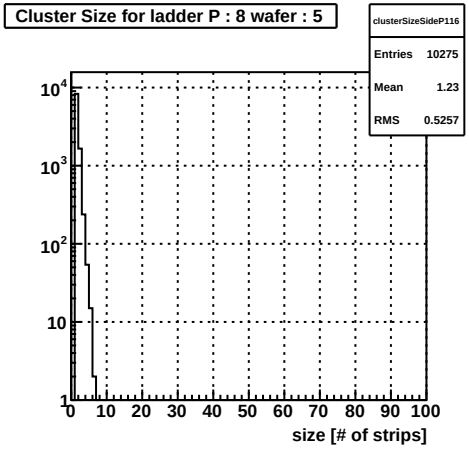

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 18886
Mean 1.28
RMS 0.6169
size [# of strips]

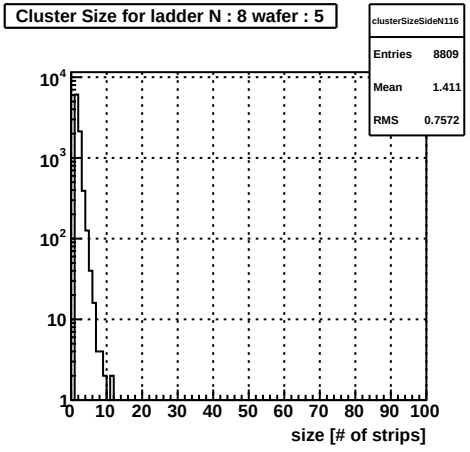

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9692
Mean 1.315
RMS 0.6696
size [# of strips]

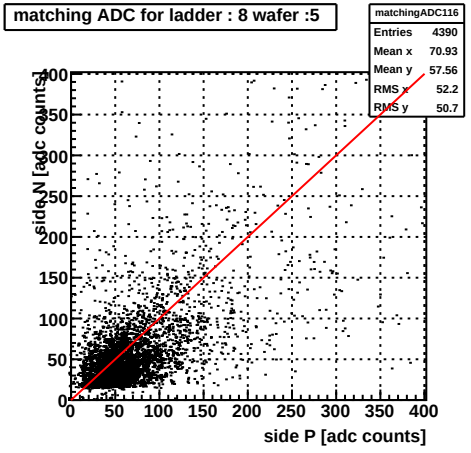

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5074
Mean x 78.4
Mean y 69.26
RMS x 59.18
RMS y 54.44
side N [adc counts]
side P [adc counts]

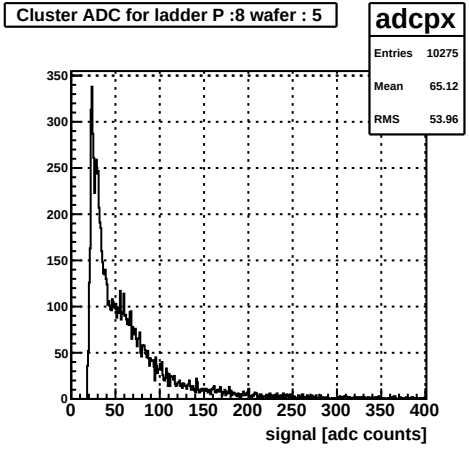

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 18886
Mean 52.44
RMS 51.68
signal [adc counts]

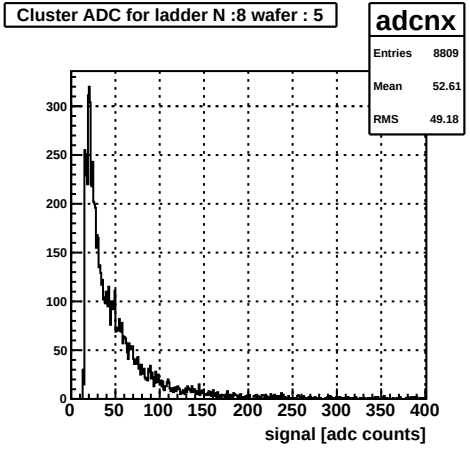

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9692
Mean 60.17
RMS 51.86
signal [adc counts]

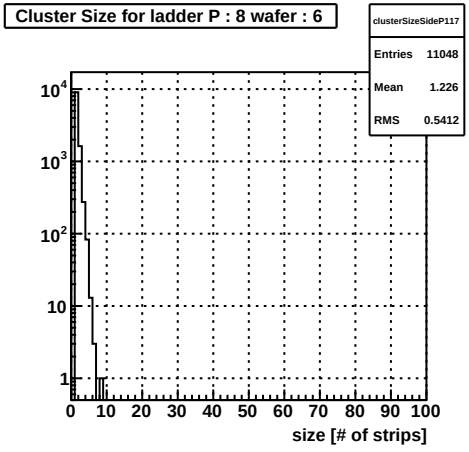

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 10275
Mean 1.23
RMS 0.5257
size [# of strips]

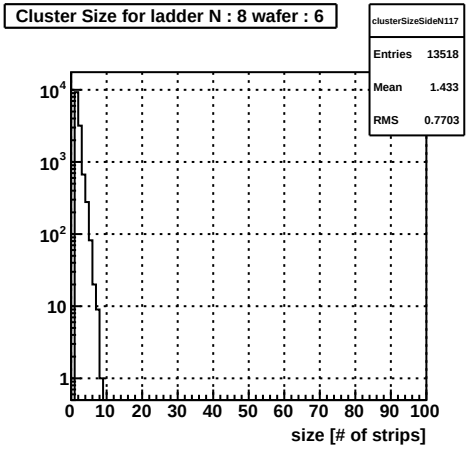

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 8809
Mean 1.411
RMS 0.7572
size [# of strips]

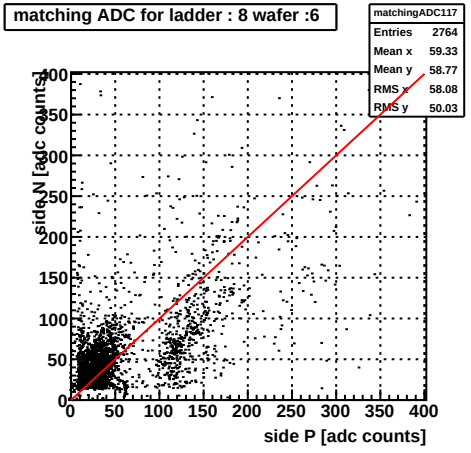

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 4390
Mean x 70.93
Mean y 57.56
RMS x 52.2
RMS y 50.7
side N [adc counts]
side P [adc counts]

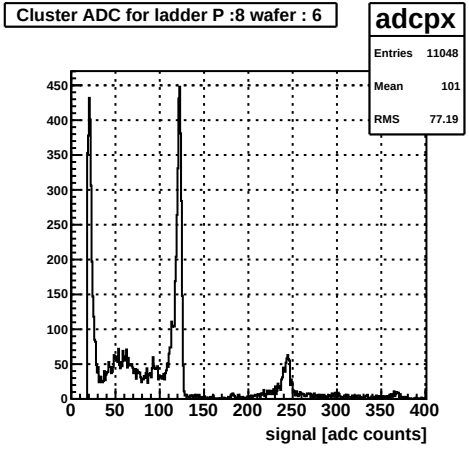

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 10275
Mean 65.12
RMS 53.96
signal [adc counts]

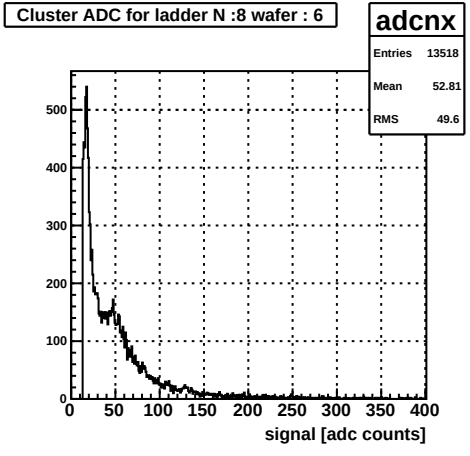

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 8809
Mean 52.61
RMS 49.18
signal [adc counts]

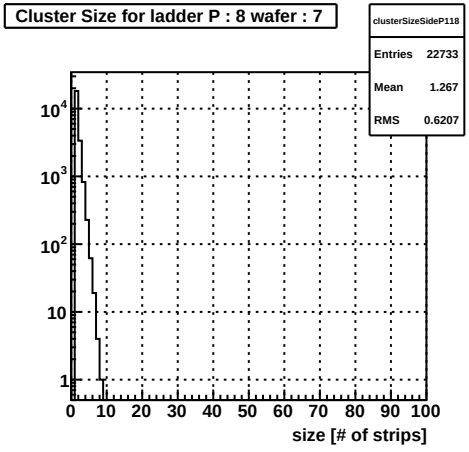

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 11048
Mean 1.226
RMS 0.5412
size [# of strips]

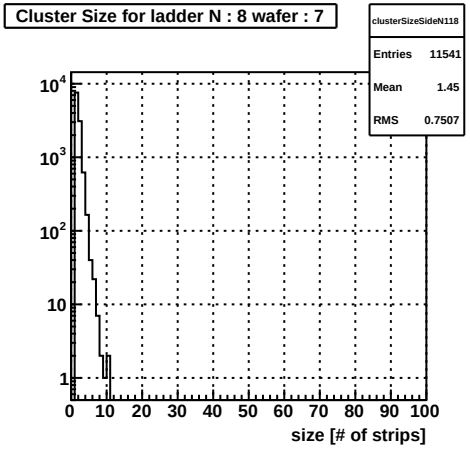

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 13518
Mean 1.433
RMS 0.7703
size [# of strips]

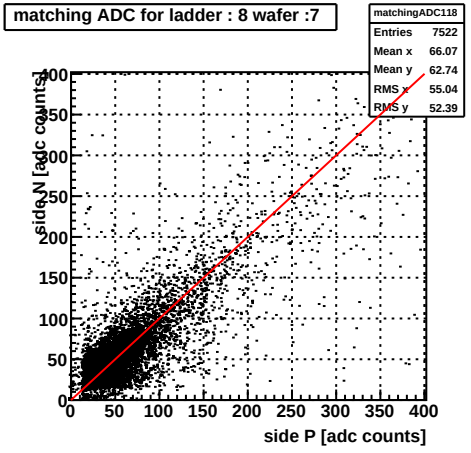

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2764
Mean x 59.33
Mean y 58.77
RMS x 58.08
RMS y 50.03
side N [adc counts]
side P [adc counts]

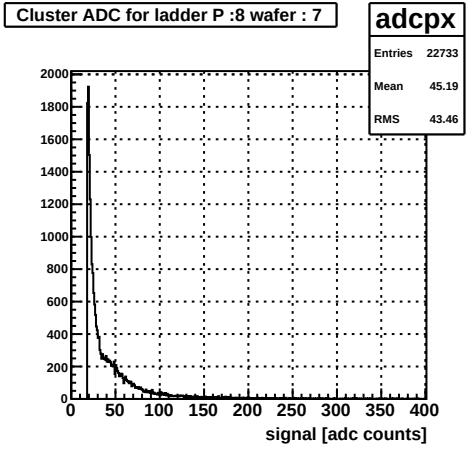

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 11048
Mean 101
RMS 77.19
signal [adc counts]

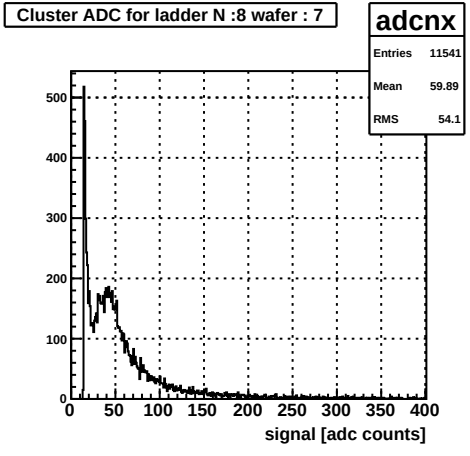

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 13518
Mean 52.81
RMS 49.6
signal [adc counts]

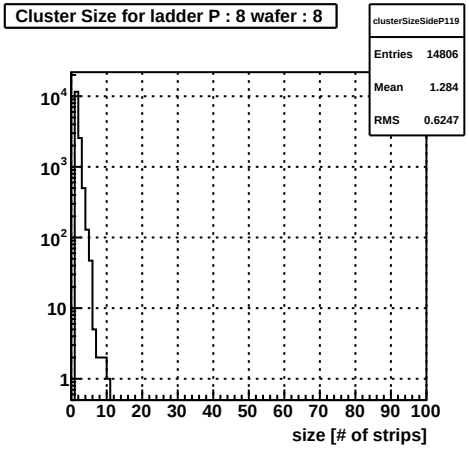

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 22733
Mean 1.267
RMS 0.6207
size [# of strips]

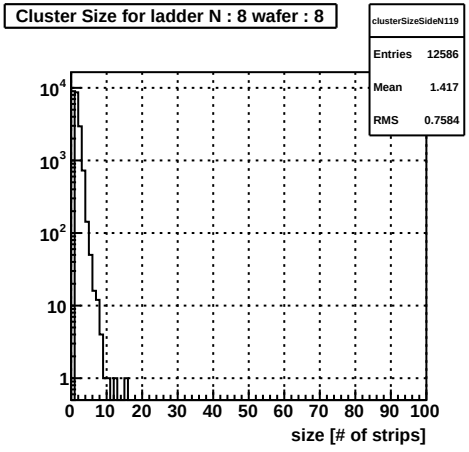

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 11541
Mean 1.45
RMS 0.7507
size [# of strips]

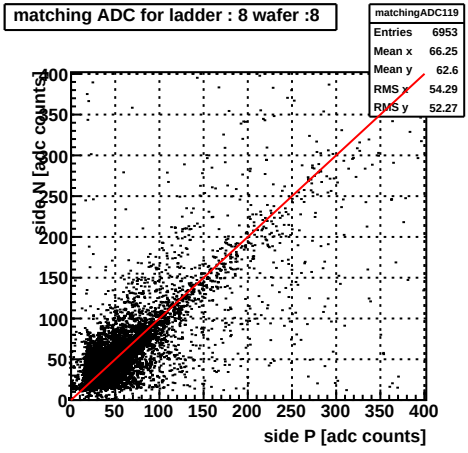

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7522
Mean x 66.07
Mean y 62.74
RMS x 55.04
RMS y 52.39
side N [adc counts]
side P [adc counts]

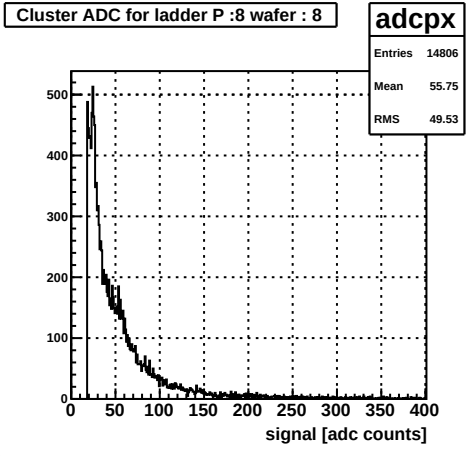

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 22733
Mean 45.19
RMS 43.46
signal [adc counts]

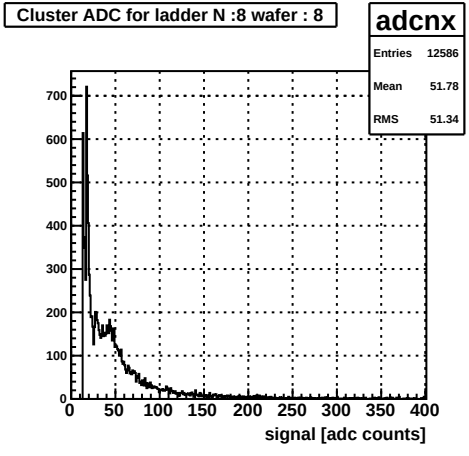

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 11541
Mean 59.89
RMS 54.1
signal [adc counts]

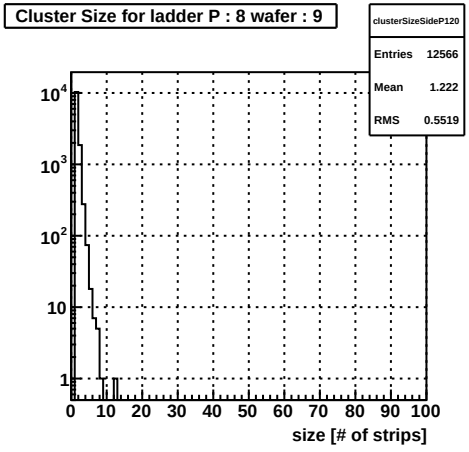

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 14806
Mean 1.284
RMS 0.6247
size [# of strips]

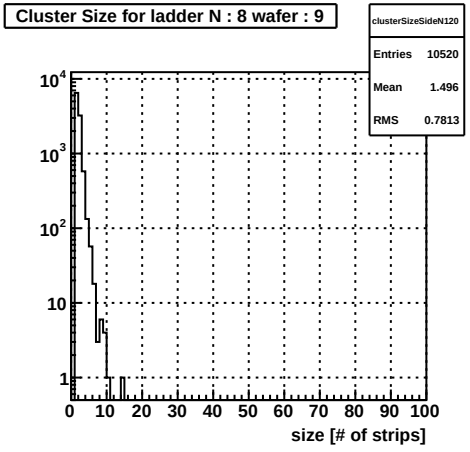

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 12586
Mean 1.417
RMS 0.7584
size [# of strips]

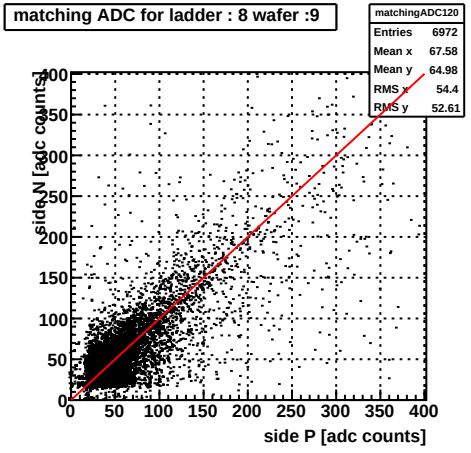

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 6953
Mean x 66.25
Mean y 62.6
RMS x 54.29
RMS y 52.27
side N [adc counts]
side P [adc counts]

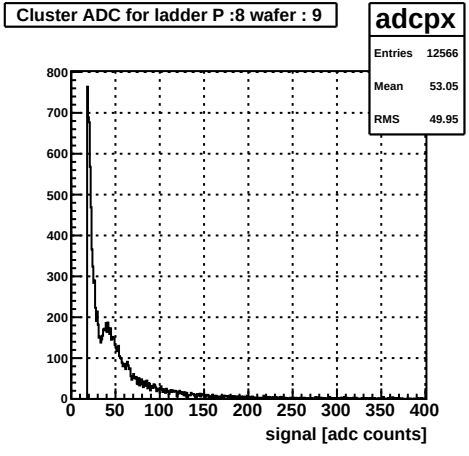

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 14806
Mean 55.75
RMS 49.53
signal [adc counts]

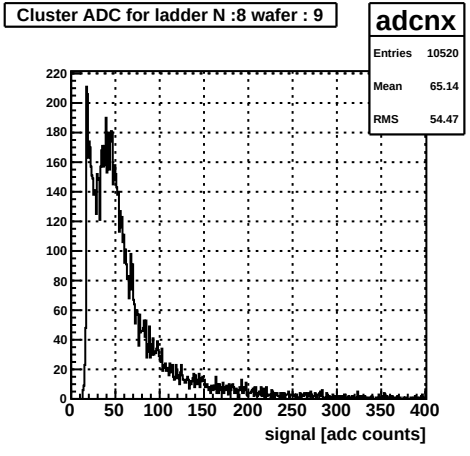

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 12586
Mean 51.78
RMS 51.34
signal [adc counts]

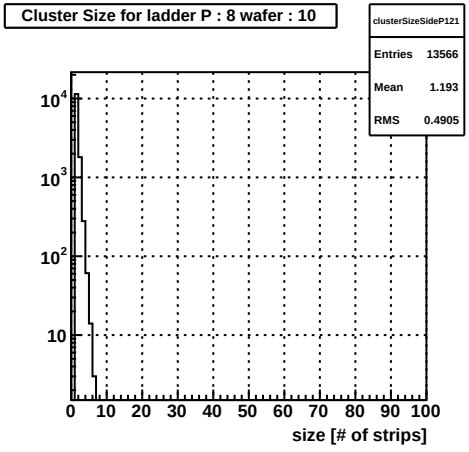

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 12566
Mean 1.222
RMS 0.5519
size [# of strips]

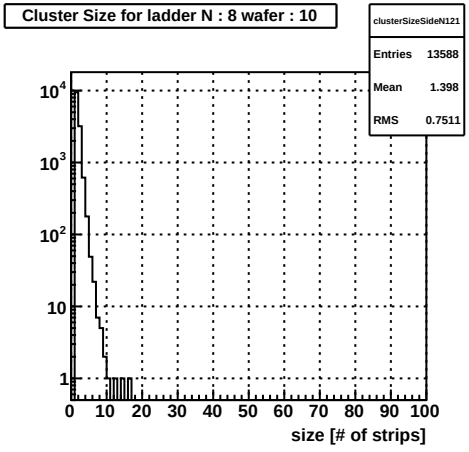

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 10520
Mean 1.496
RMS 0.7813
size [# of strips]

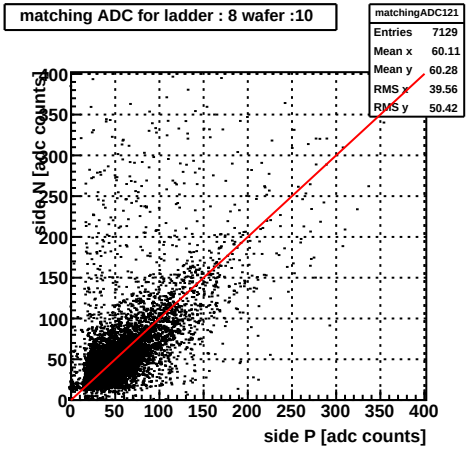

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 6972
Mean x 67.58
Mean y 64.98
RMS x 54.4
RMS y 52.61
side N [adc counts]
side P [adc counts]

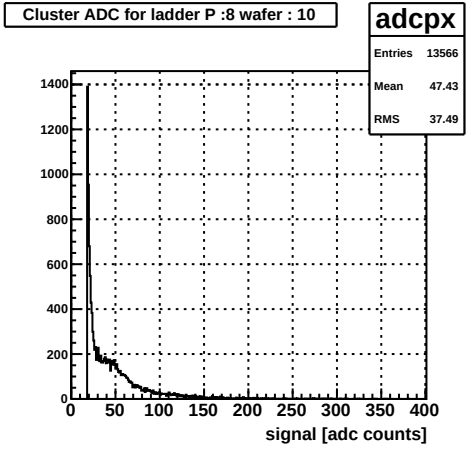

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 12566
Mean 53.05
RMS 49.95
signal [adc counts]

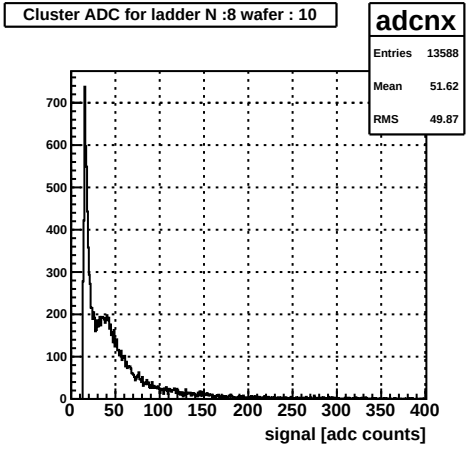

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 10520
Mean 65.14
RMS 54.47
signal [adc counts]

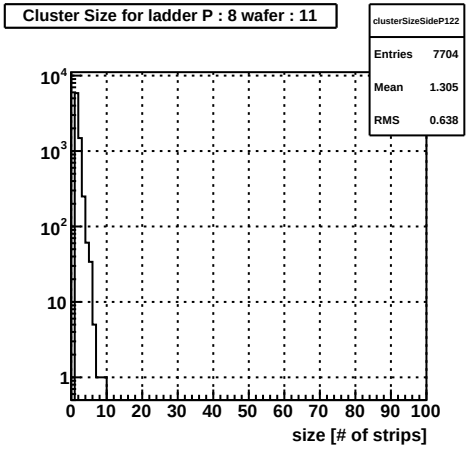

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 13566
Mean 1.193
RMS 0.4905
size [# of strips]

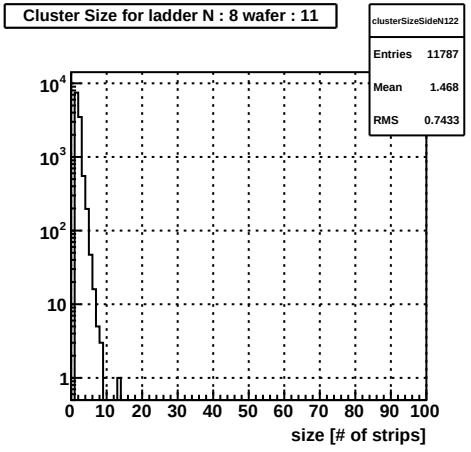

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 13588
Mean 1.398
RMS 0.7511
size [# of strips]

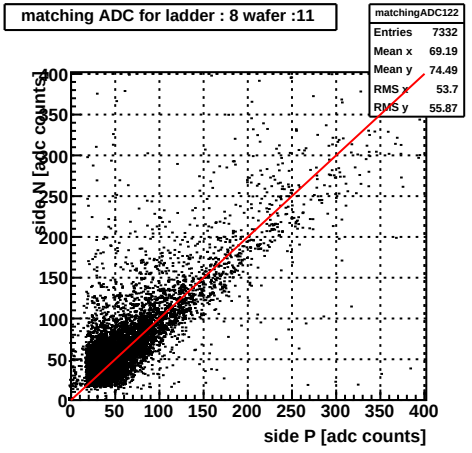

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 7129
Mean x 60.11
Mean y 60.28
RMS x 39.56
RMS y 50.42
side N [adc counts]
side P [adc counts]

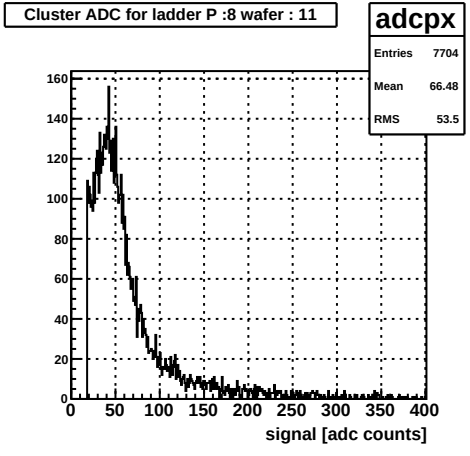

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 13566
Mean 47.43
RMS 37.49
signal [adc counts]

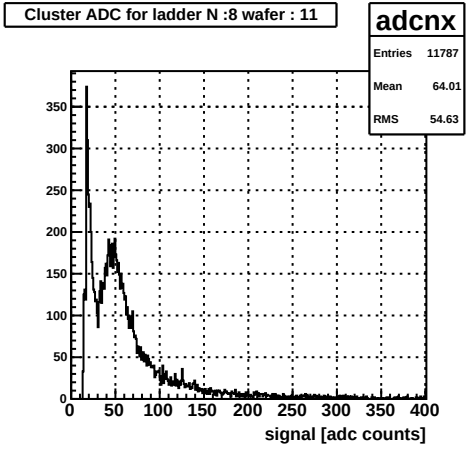

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 13588
Mean 51.62
RMS 49.87
signal [adc counts]

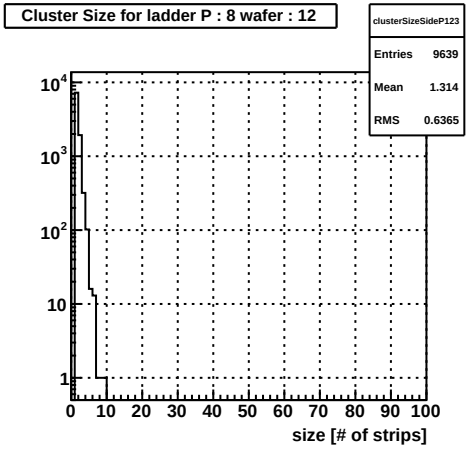

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 7704
Mean 1.305
RMS 0.638
size [# of strips]

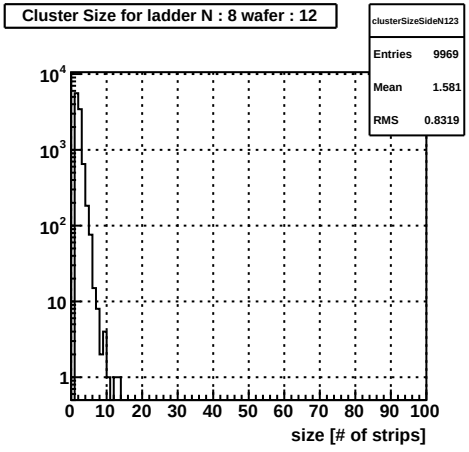

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 11787
Mean 1.468
RMS 0.7433
size [# of strips]

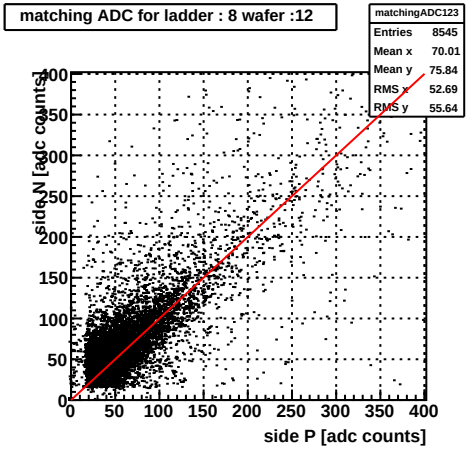

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 7332
Mean x 69.19
Mean y 74.49
RMS x 53.7
RMS y 55.87
side N [adc counts]
side P [adc counts]

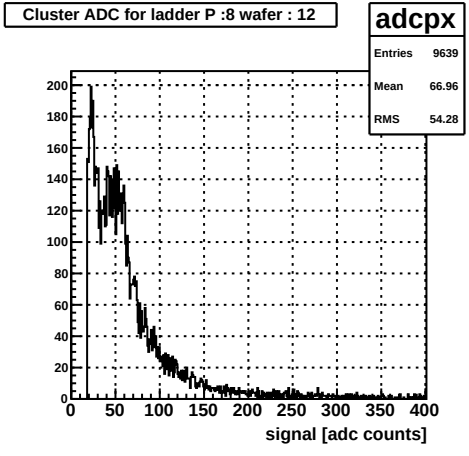

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 7704
Mean 66.48
RMS 53.5
signal [adc counts]

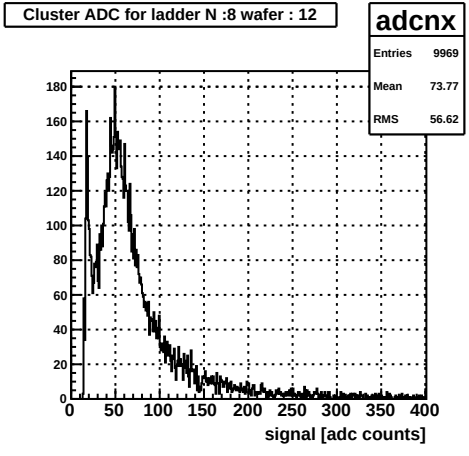

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 11787
Mean 64.01
RMS 54.63
signal [adc counts]

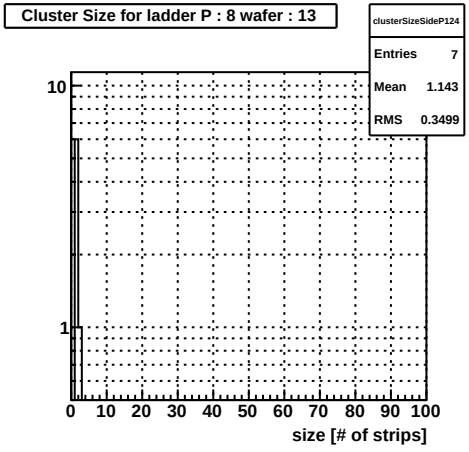

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 9639
Mean 1.314
RMS 0.6365
size [# of strips]

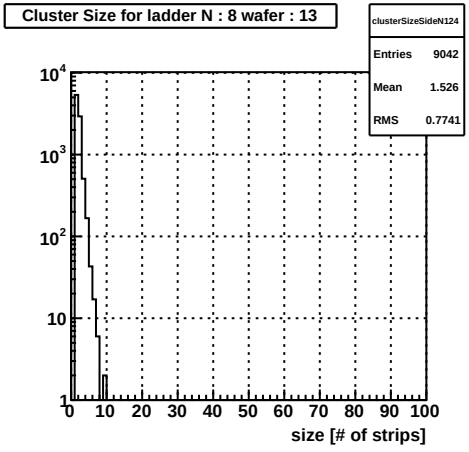

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 9969
Mean 1.581
RMS 0.8319
size [# of strips]

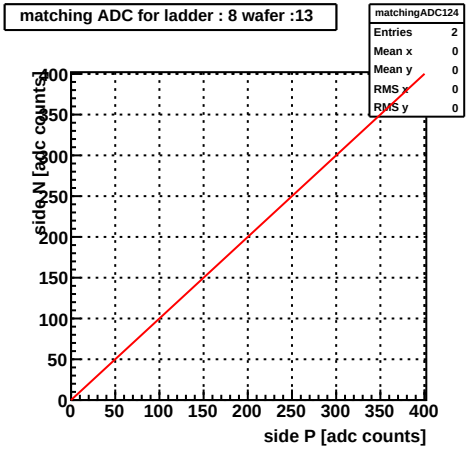

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 8545
Mean x 70.01
Mean y 75.84
RMS x 52.69
RMS y 55.64
side N [adc counts]
side P [adc counts]

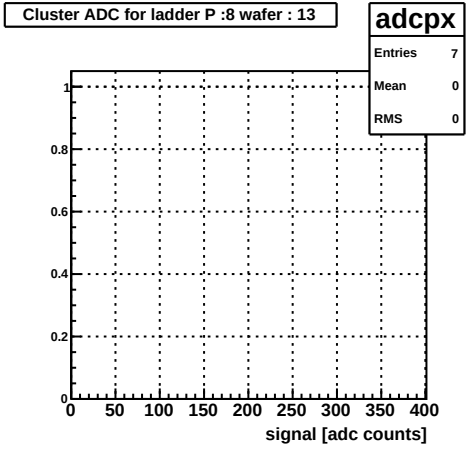

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 9639
Mean 66.96
RMS 54.28
signal [adc counts]

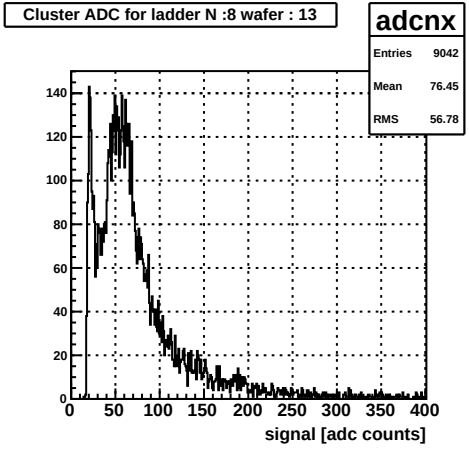

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 9969
Mean 73.77
RMS 56.62
signal [adc counts]

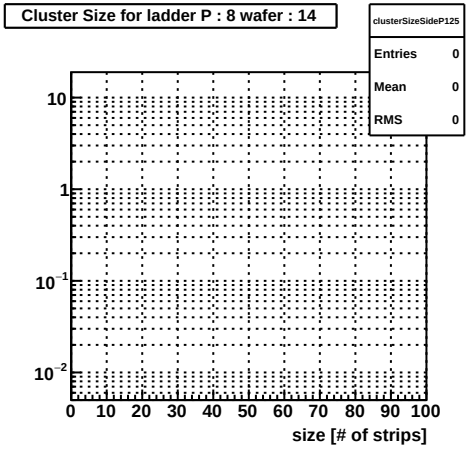

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

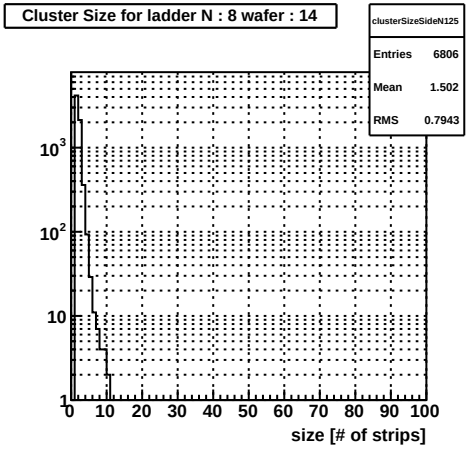

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 9042
Mean 1.526
RMS 0.7741
size [# of strips]

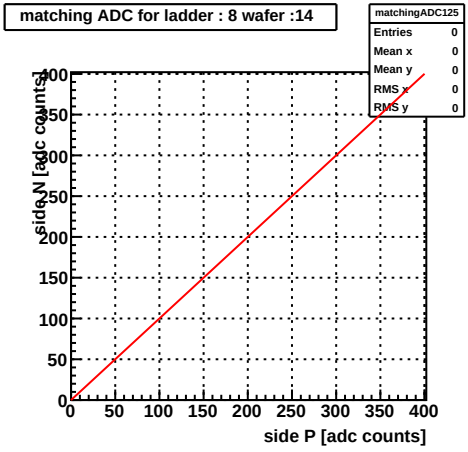

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

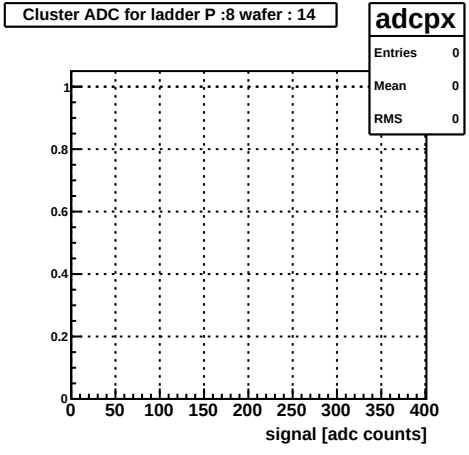

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

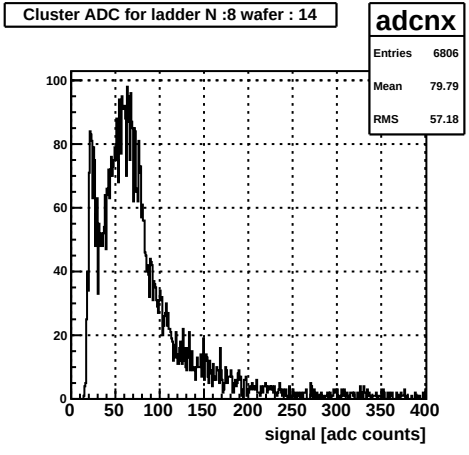

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 9042
Mean 76.45
RMS 56.78
signal [adc counts]

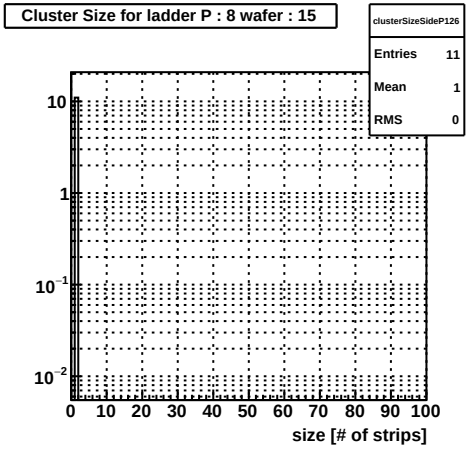

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

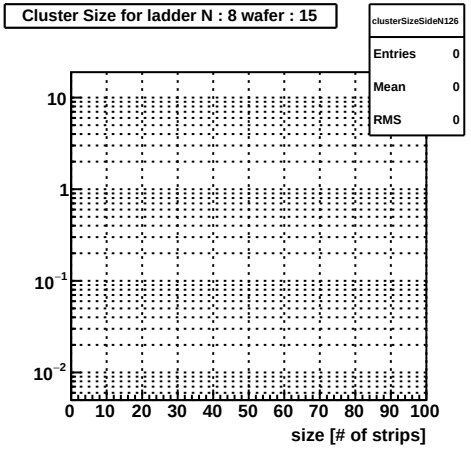

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 6806
Mean 1.502
RMS 0.7943
size [# of strips]

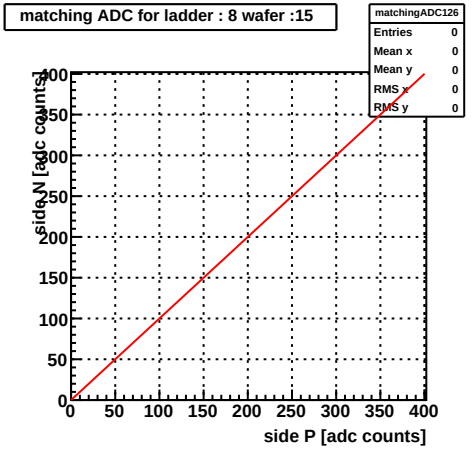

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

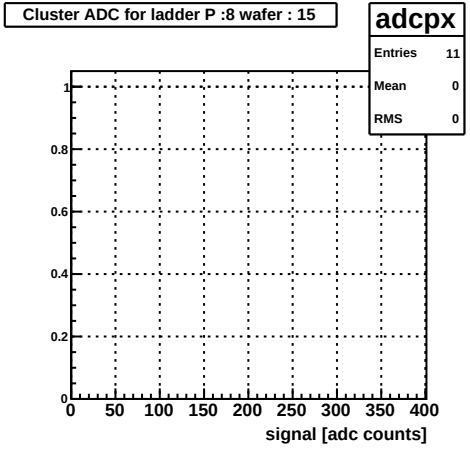

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

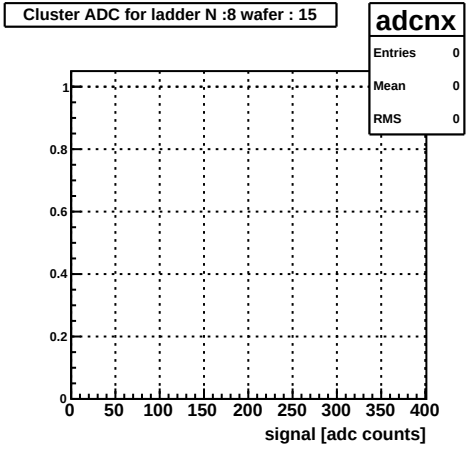

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 6806
Mean 79.79
RMS 57.18
signal [adc counts]

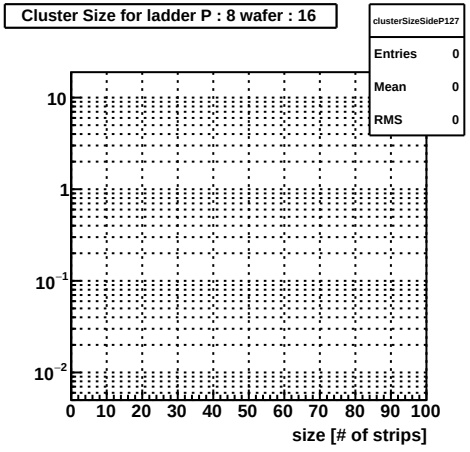

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 11
Mean 1
RMS 0
size [# of strips]

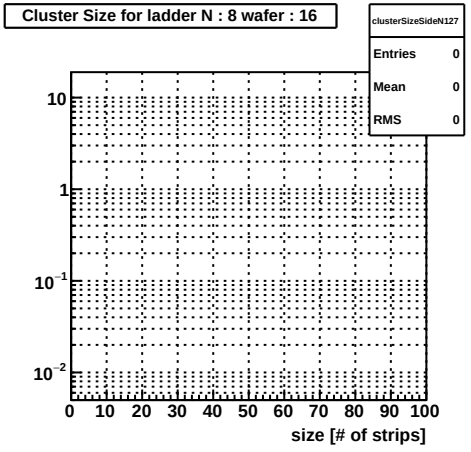

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

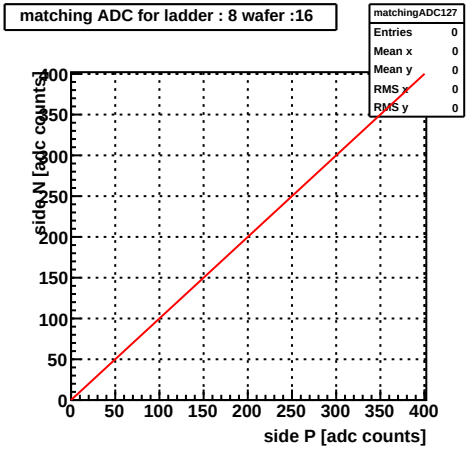

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

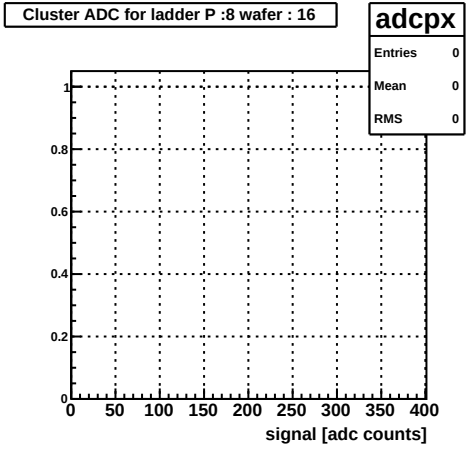

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 11
Mean 0
RMS 0
signal [adc counts]

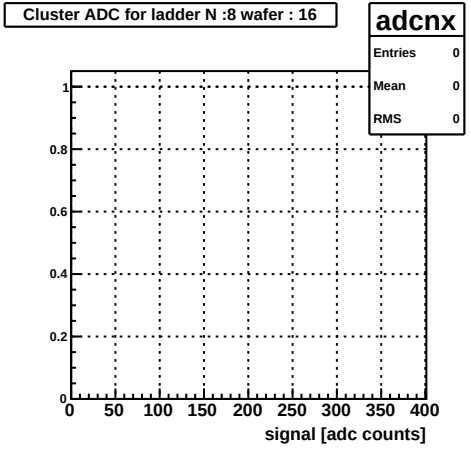

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

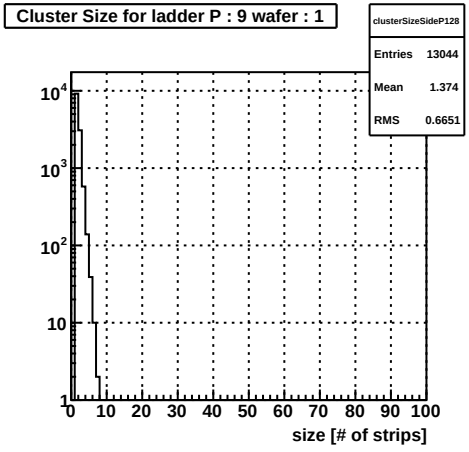

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

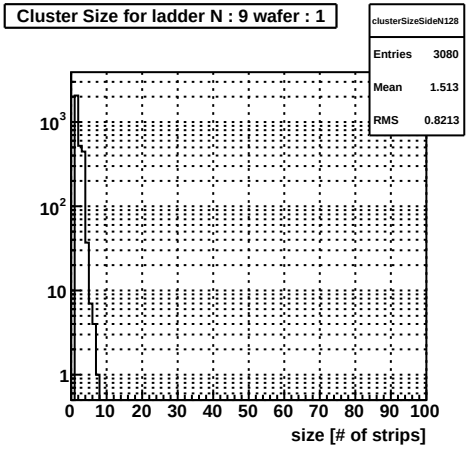

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

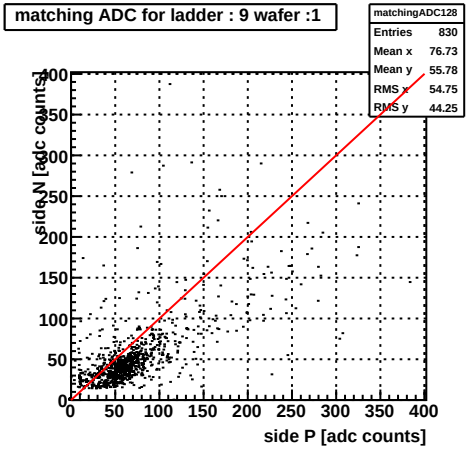

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

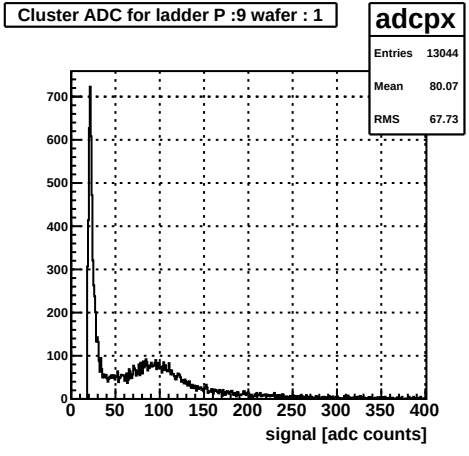

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

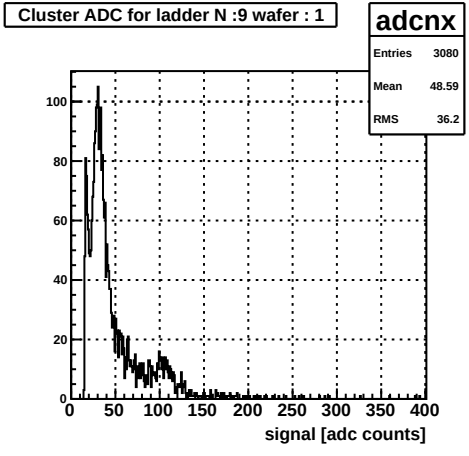

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

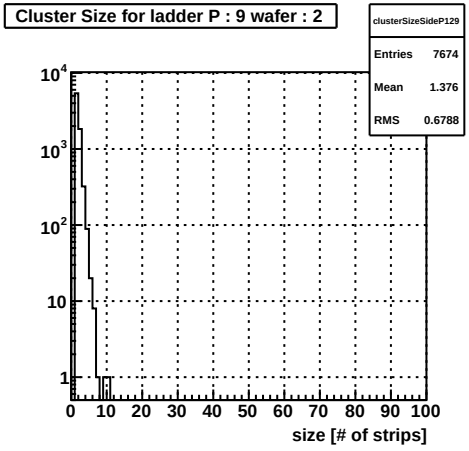

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 13044
Mean 1.374
RMS 0.6651
size [# of strips]

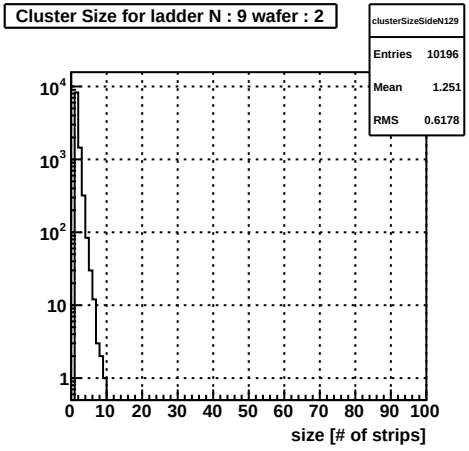

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3080
Mean 1.513
RMS 0.8213
size [# of strips]

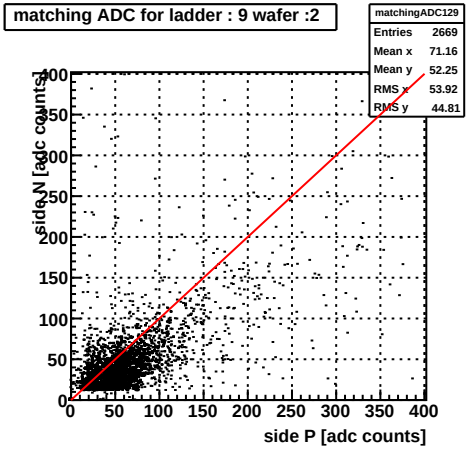

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 830
Mean x 76.73
Mean y 55.78
RMS x 54.75
RMS y 44.25
side N [adc counts]
side P [adc counts]

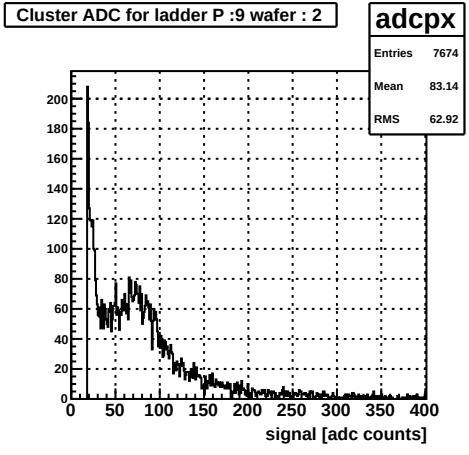

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 13044
Mean 80.07
RMS 67.73
signal [adc counts]

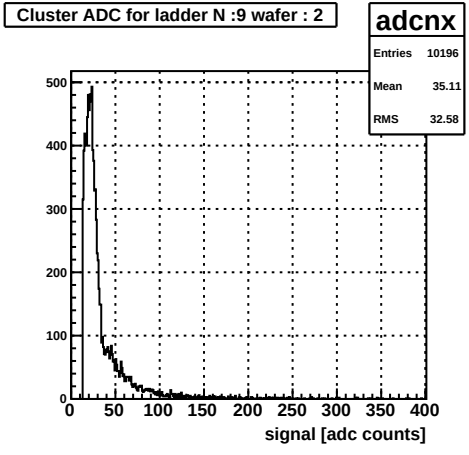

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3080
Mean 48.59
RMS 36.2
signal [adc counts]

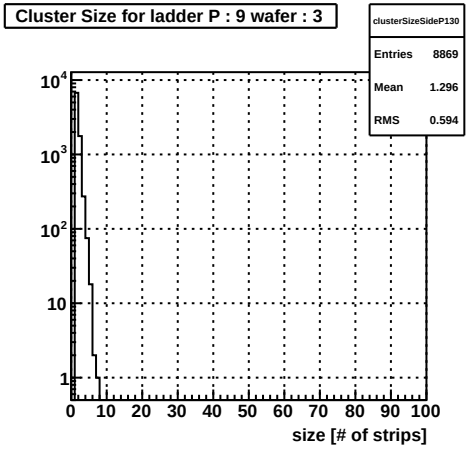

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 7674
Mean 1.376
RMS 0.6788
size [# of strips]

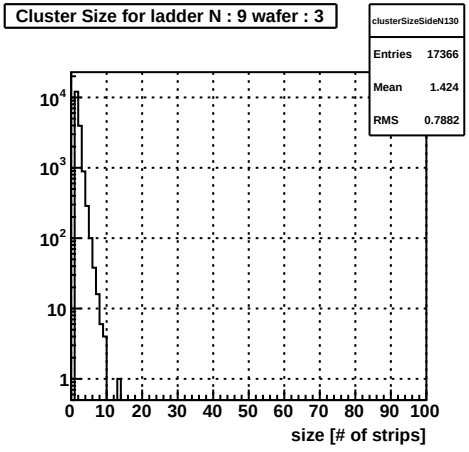

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 10196
Mean 1.251
RMS 0.6178
size [# of strips]

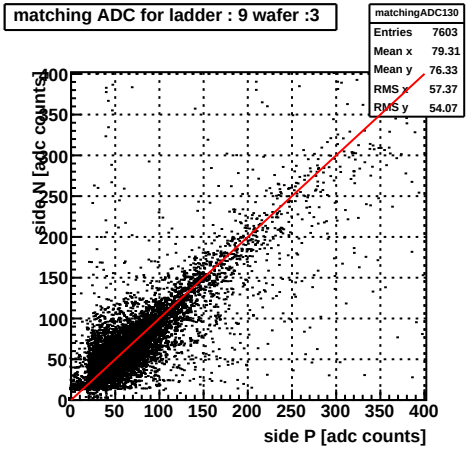

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2669
Mean x 71.16
Mean y 52.25
RMS x 53.92
RMS y 44.81
side N [adc counts]
side P [adc counts]

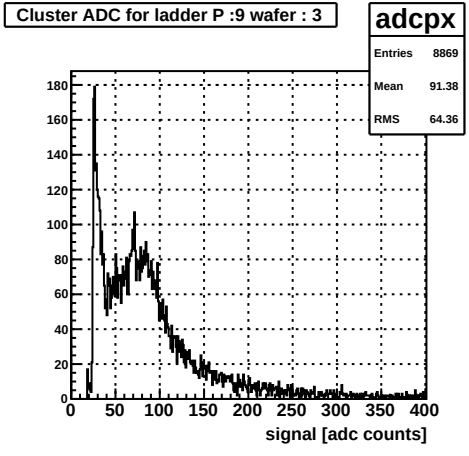

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 7674
Mean 83.14
RMS 62.92
signal [adc counts]

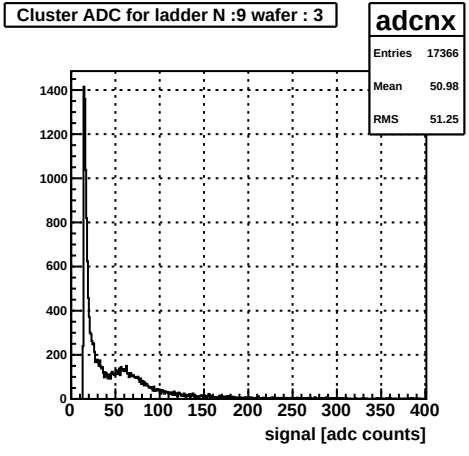

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 10196
Mean 35.11
RMS 32.58
signal [adc counts]

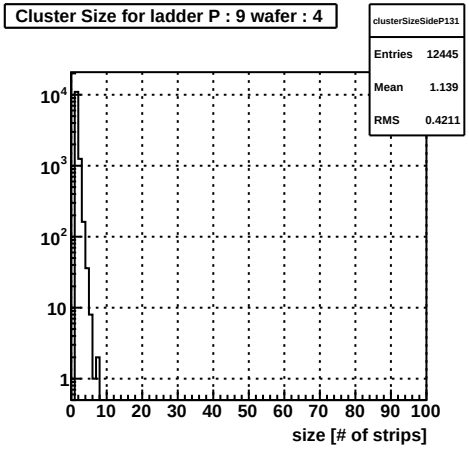

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 8869
Mean 1.296
RMS 0.594
size [# of strips]

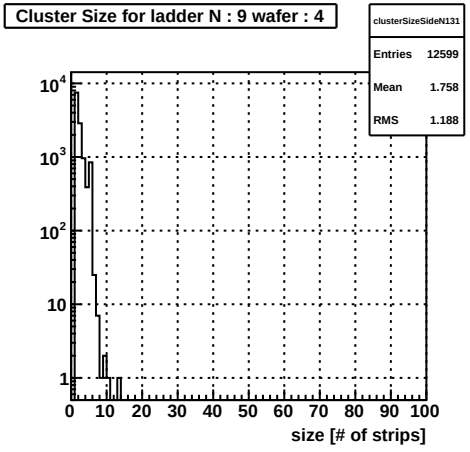

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 17366
Mean 1.424
RMS 0.7882
size [# of strips]

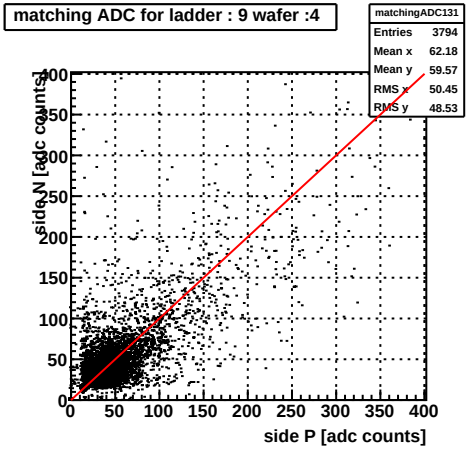

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 7603
Mean x 79.31
Mean y 76.33
RMS x 57.37
RMS y 54.07
side N [adc counts]
side P [adc counts]

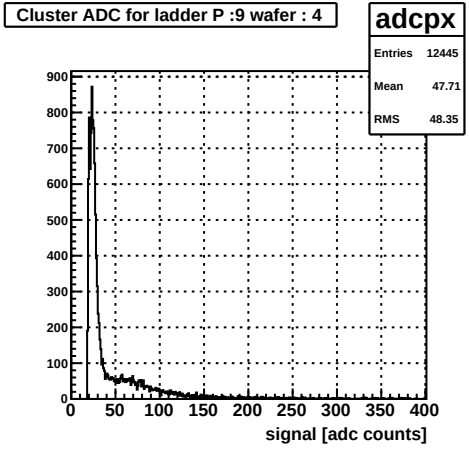

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 8869
Mean 91.38
RMS 64.36
signal [adc counts]

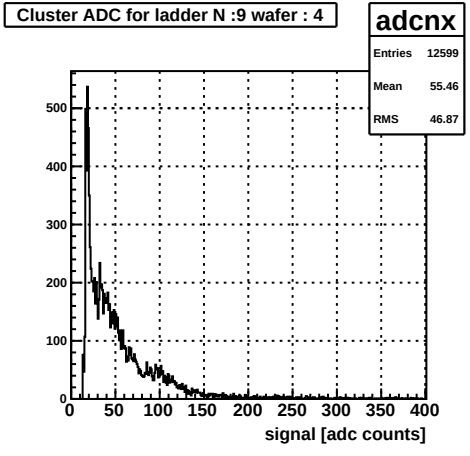

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 17366
Mean 50.98
RMS 51.25
signal [adc counts]

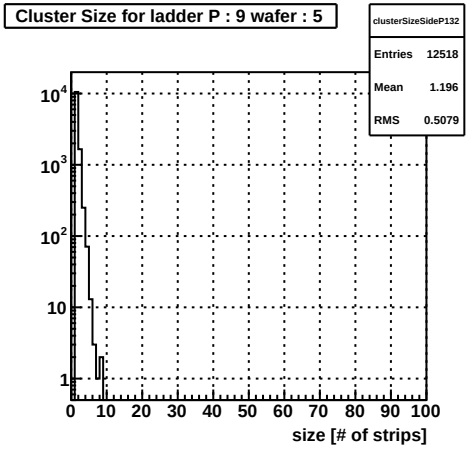

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12445
Mean 1.139
RMS 0.4211
size [# of strips]

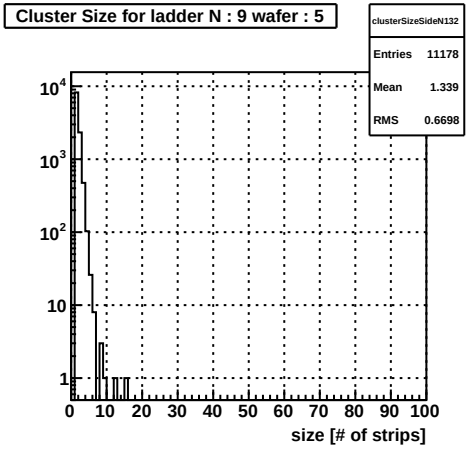

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 12599
Mean 1.758
RMS 1.188
size [# of strips]

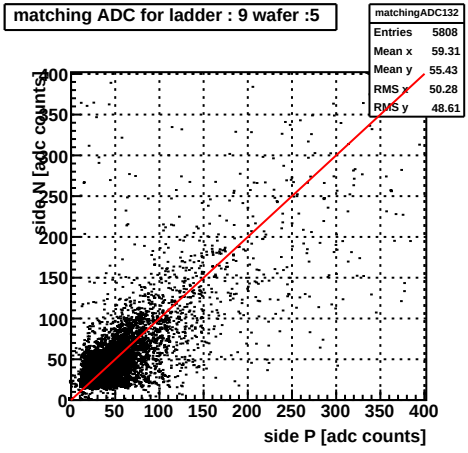

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3794
Mean x 62.18
Mean y 59.57
RMS x 50.45
RMS y 48.53
side N [adc counts]
side P [adc counts]

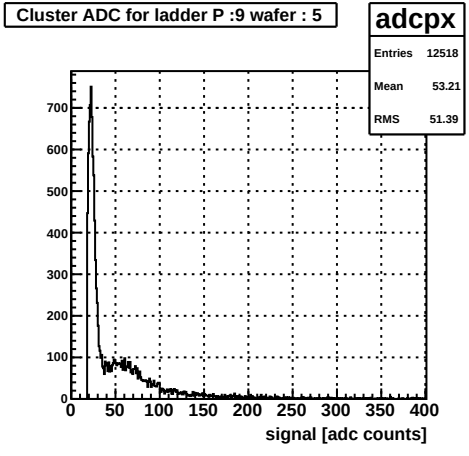

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12445
Mean 47.71
RMS 48.35
signal [adc counts]

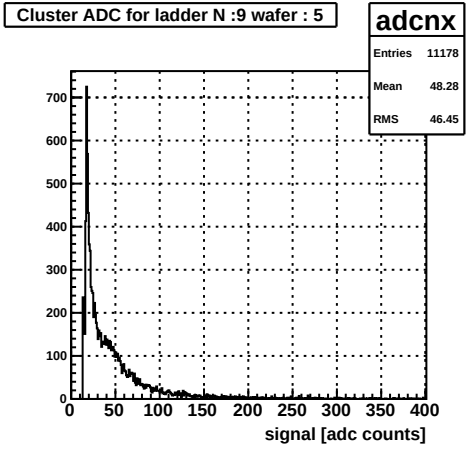

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 12599
Mean 55.46
RMS 46.87
signal [adc counts]

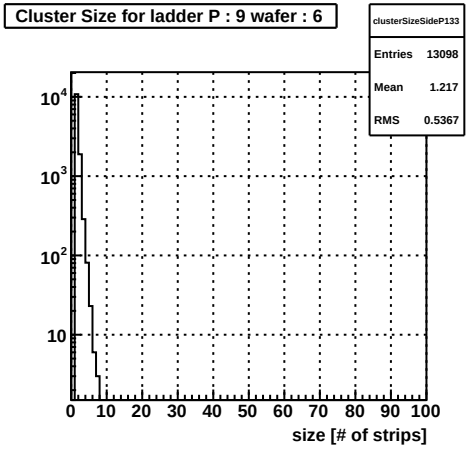

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 12518
Mean 1.196
RMS 0.5079
size [# of strips]

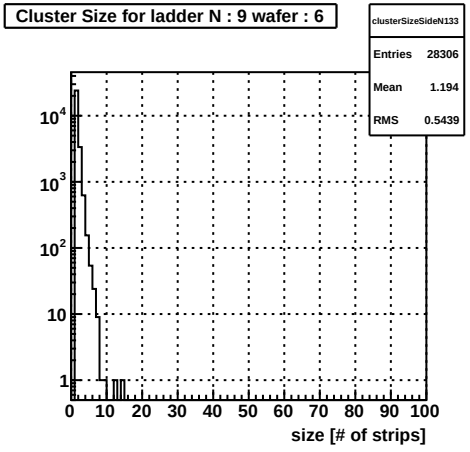

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 11178
Mean 1.339
RMS 0.6698
size [# of strips]

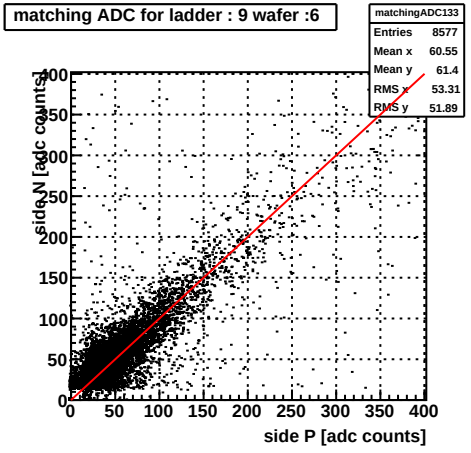

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 5808
Mean x 59.31
Mean y 55.43
RMS x 50.28
RMS y 48.61
side N [adc counts]
side P [adc counts]

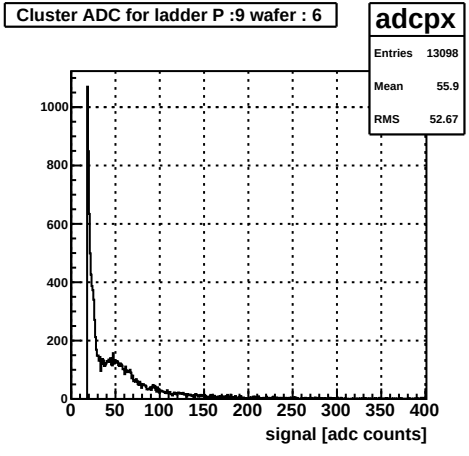

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 12518
Mean 53.21
RMS 51.39
signal [adc counts]

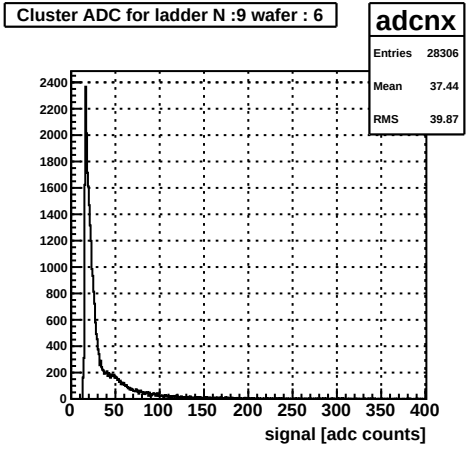

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 11178
Mean 48.28
RMS 46.45
signal [adc counts]

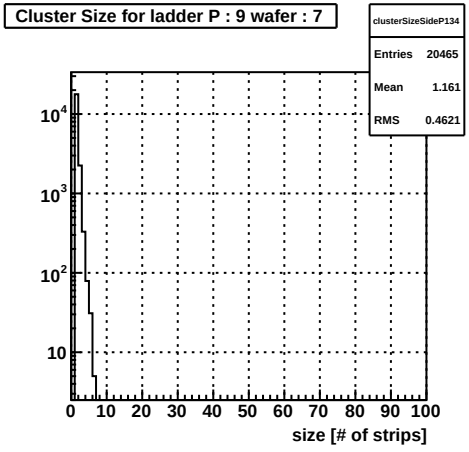

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13098
Mean 1.217
RMS 0.5367
size [# of strips]

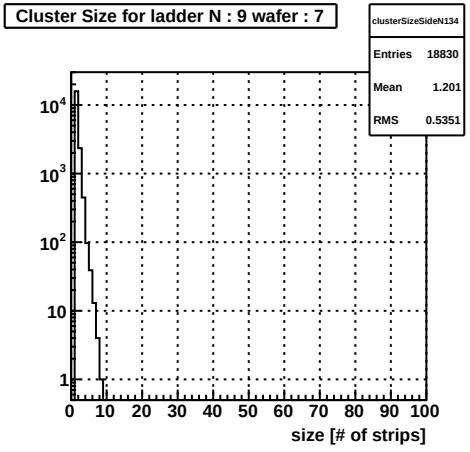

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 28306
Mean 1.194
RMS 0.5439
size [# of strips]

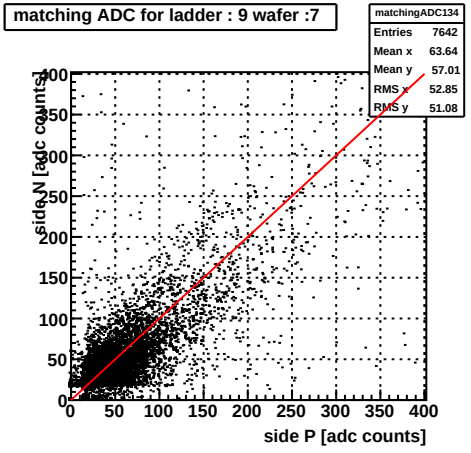

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 8577
Mean x 60.55
Mean y 61.4
RMS x 53.31
RMS y 51.89
side N [adc counts]
side P [adc counts]

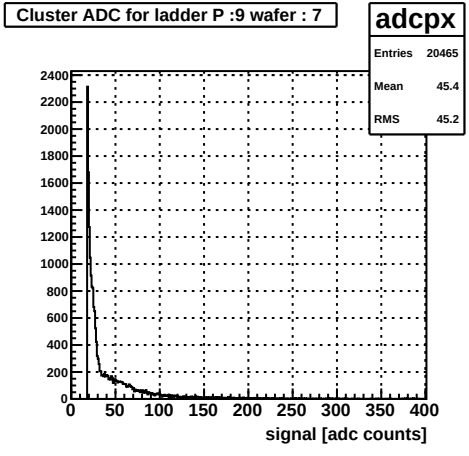

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13098
Mean 55.9
RMS 52.67
signal [adc counts]

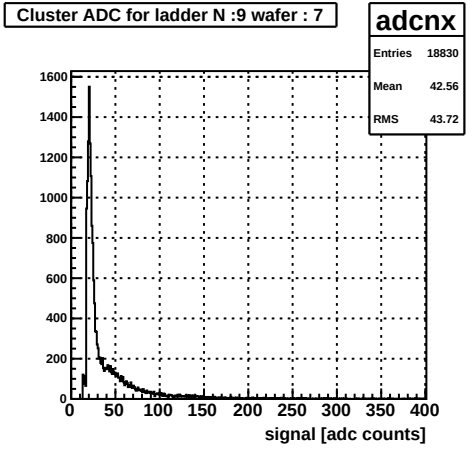

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 28306
Mean 37.44
RMS 39.87
signal [adc counts]

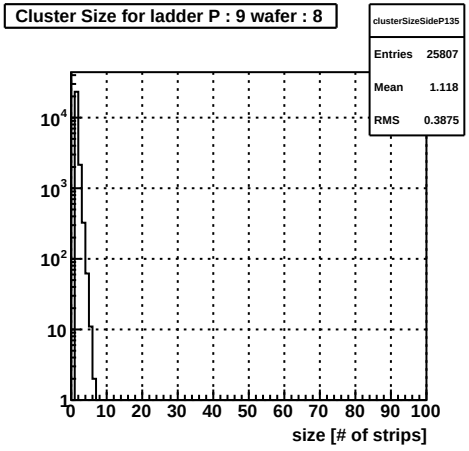

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 20465
Mean 1.161
RMS 0.4621
size [# of strips]

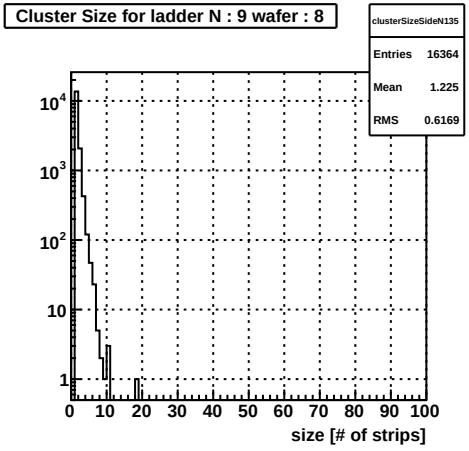

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 18830
Mean 1.201
RMS 0.5351
size [# of strips]

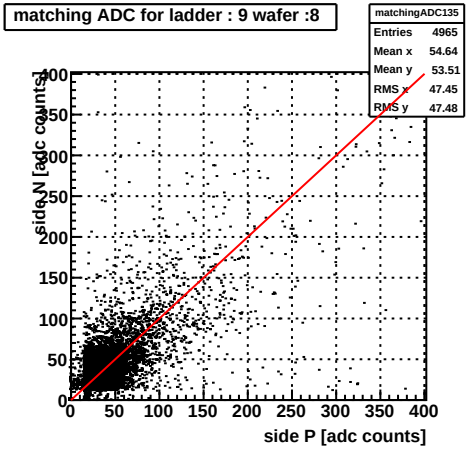

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 7642
Mean x 63.64
Mean y 57.01
RMS x 52.85
RMS y 51.08
side N [adc counts]
side P [adc counts]

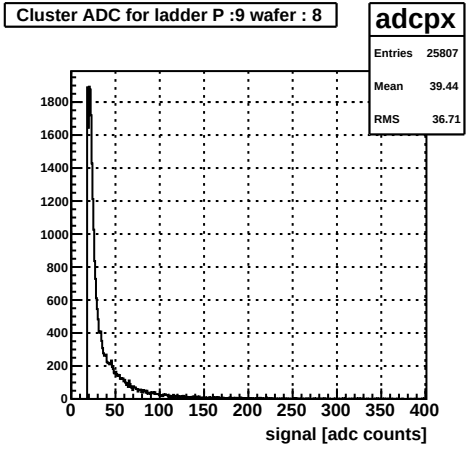

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 20465
Mean 45.4
RMS 45.2
signal [adc counts]

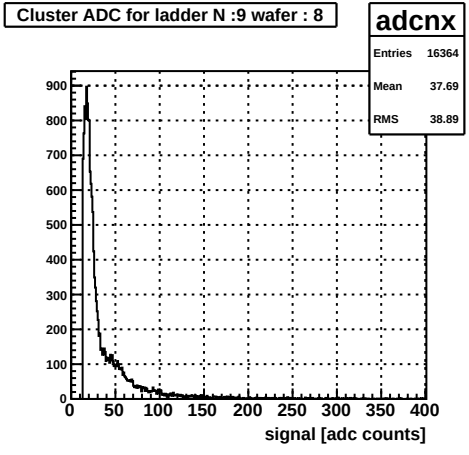

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 18830
Mean 42.56
RMS 43.72
signal [adc counts]

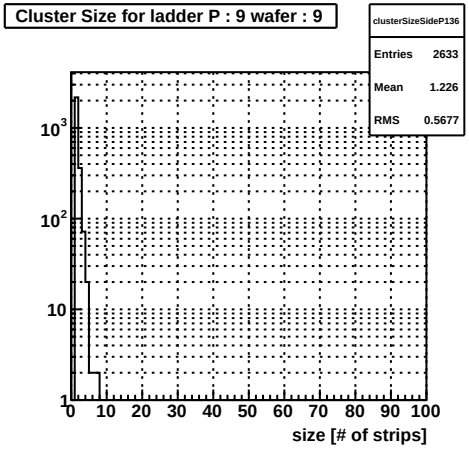

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 25807
Mean 1.118
RMS 0.3875
size [# of strips]

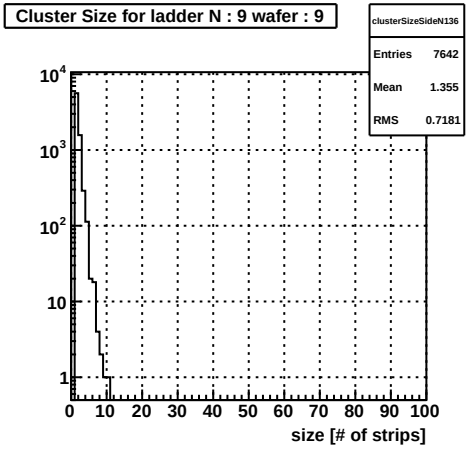

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 16364
Mean 1.225
RMS 0.6169
size [# of strips]

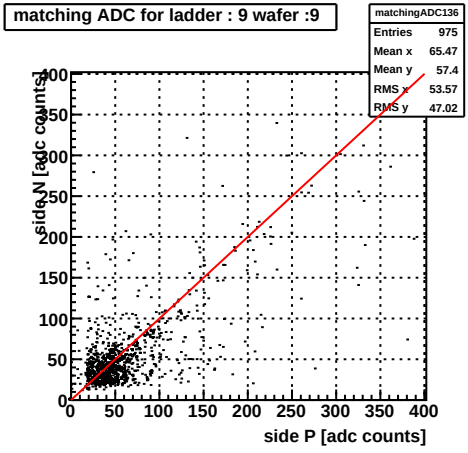

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4965
Mean x 54.64
Mean y 53.51
RMS x 47.45
RMS y 47.48
side N [adc counts]
side P [adc counts]

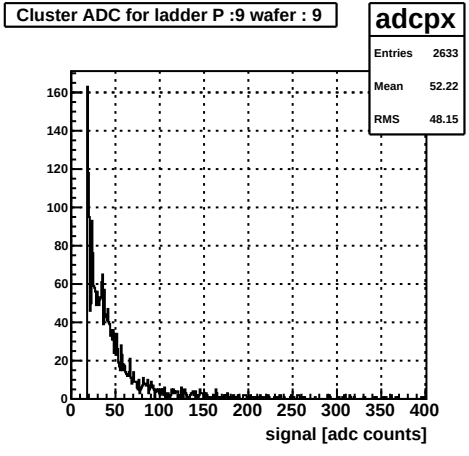

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 25807
Mean 39.44
RMS 36.71
signal [adc counts]

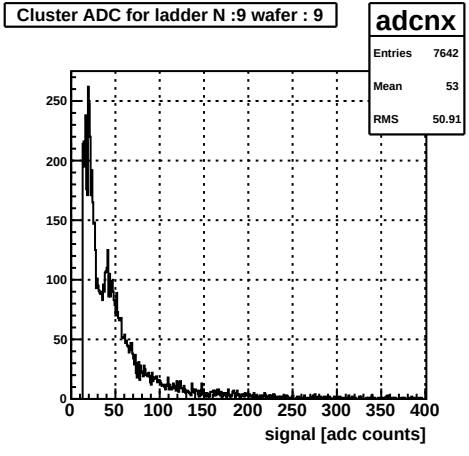

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 16364
Mean 37.69
RMS 38.89
signal [adc counts]

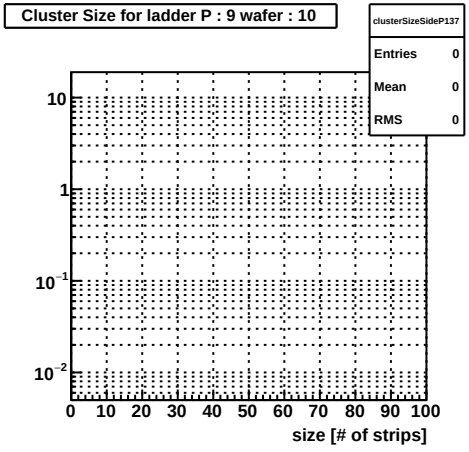

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2633
Mean 1.226
RMS 0.5677
size [# of strips]

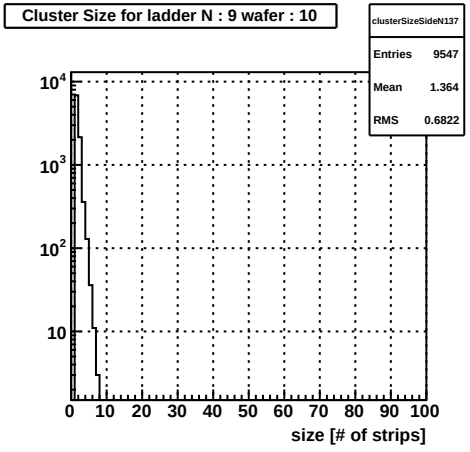

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 7642
Mean 1.355
RMS 0.7181
size [# of strips]

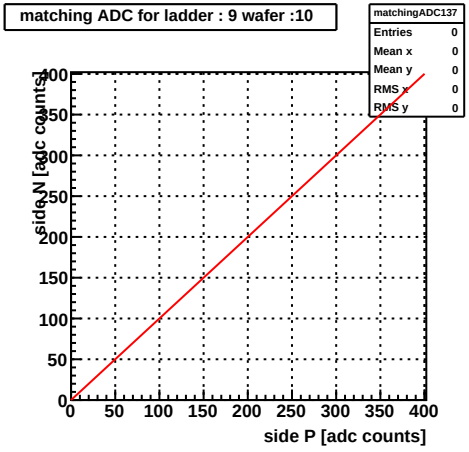

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 975
Mean x 65.47
Mean y 57.4
RMS x 53.57
RMS y 47.02
side N [adc counts]
side P [adc counts]

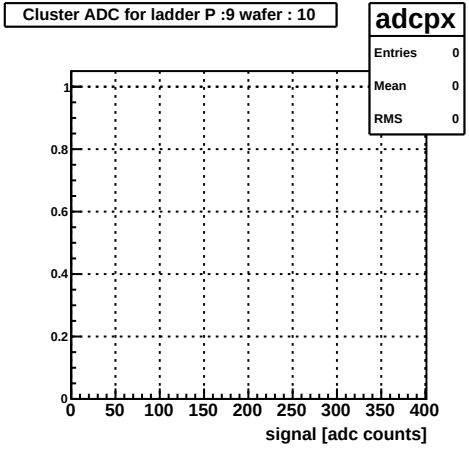

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2633
Mean 52.22
RMS 48.15
signal [adc counts]

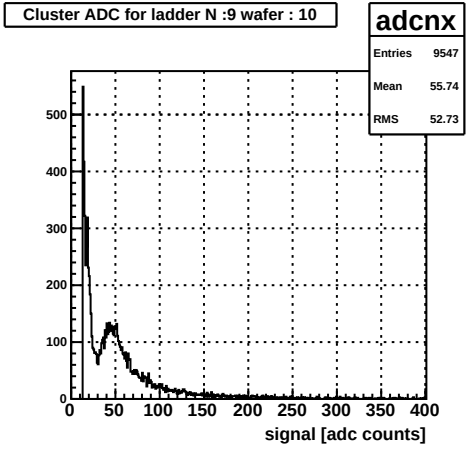

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 7642
Mean 53
RMS 50.91
signal [adc counts]

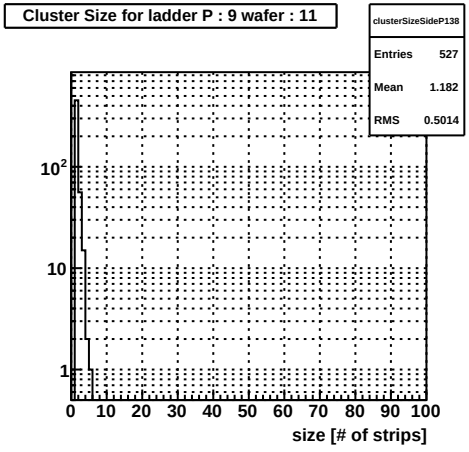

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

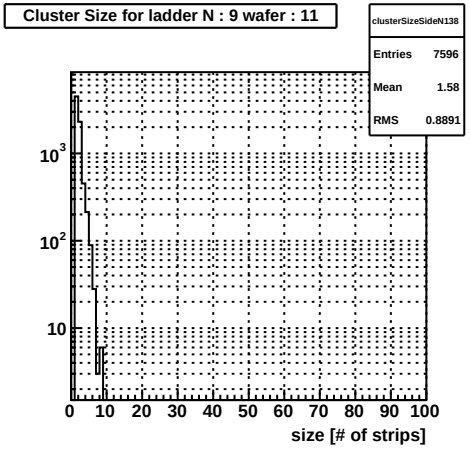

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 9547
Mean 1.364
RMS 0.6822
size [# of strips]

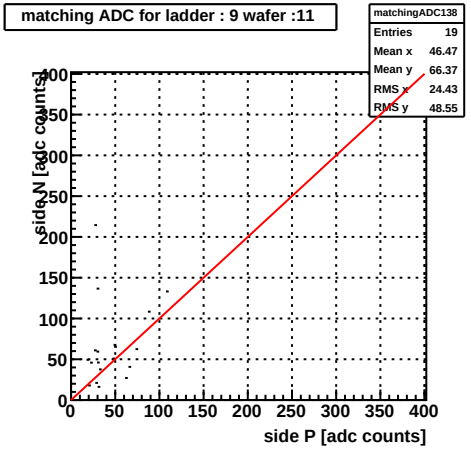

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

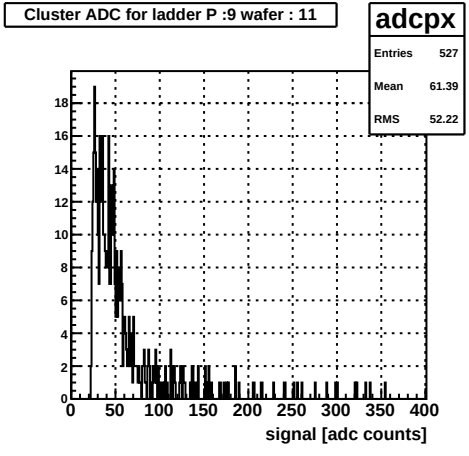

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

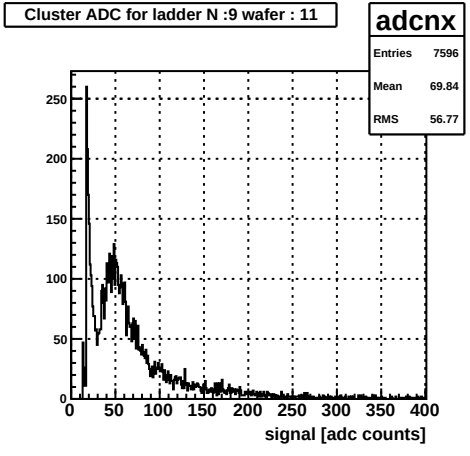

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 9547
Mean 55.74
RMS 52.73
signal [adc counts]

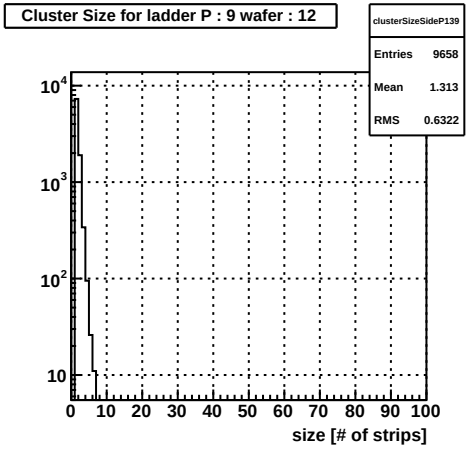

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 527
Mean 1.182
RMS 0.5014
size [# of strips]

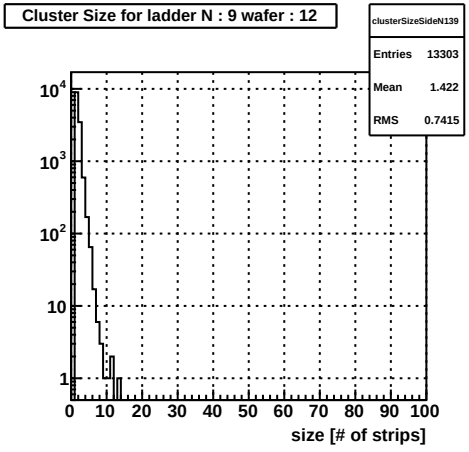

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 7596
Mean 1.58
RMS 0.8891
size [# of strips]

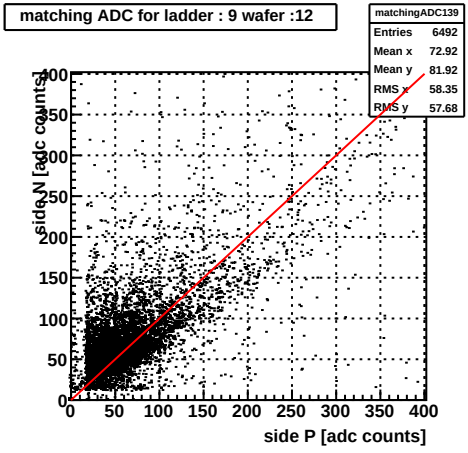

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 19
Mean x 46.47
Mean y 66.37
RMS x 24.43
RMS y 48.55
side N [adc counts]
side P [adc counts]

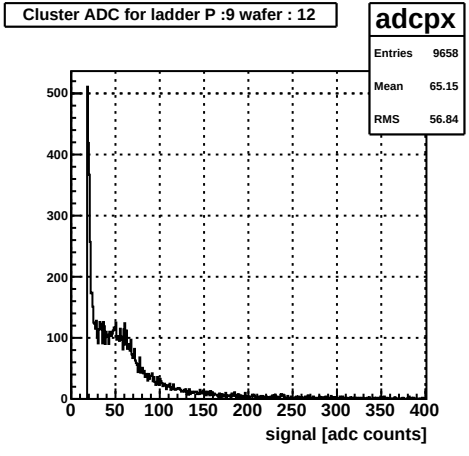

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 527
Mean 61.39
RMS 52.22
signal [adc counts]

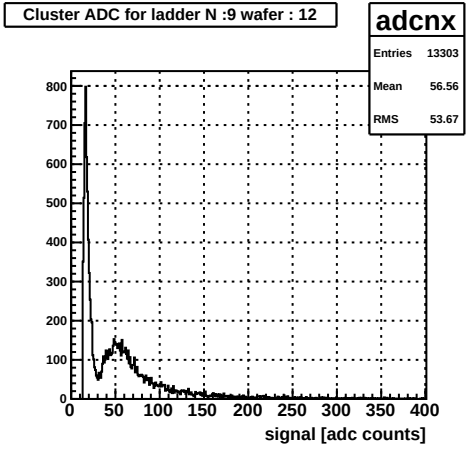

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 7596
Mean 69.84
RMS 56.77
signal [adc counts]

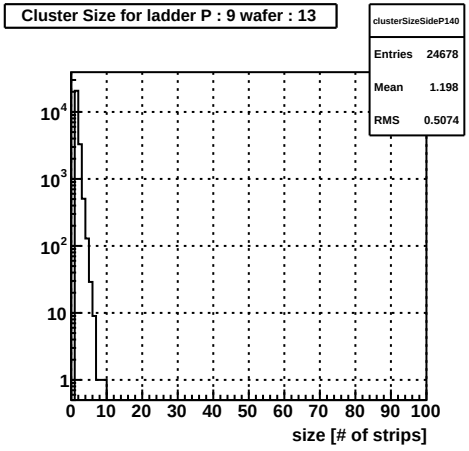

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 9658
Mean 1.313
RMS 0.6322
size [# of strips]

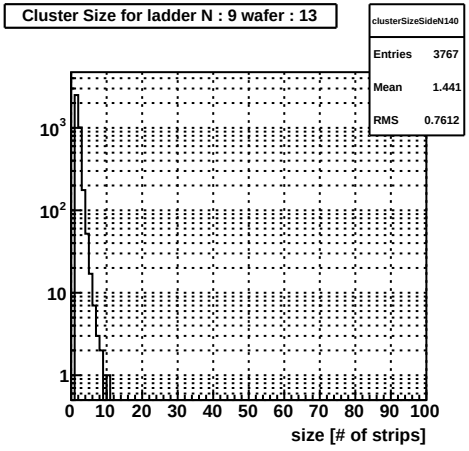

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 13303
Mean 1.422
RMS 0.7415
size [# of strips]

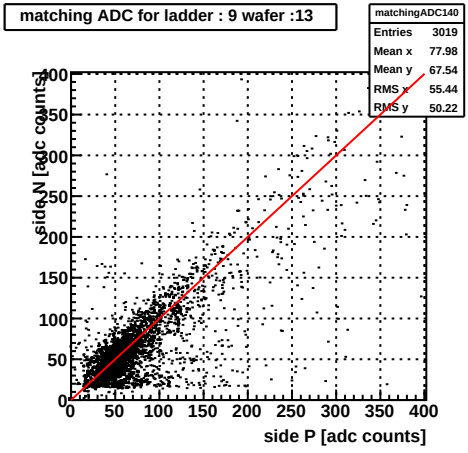

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 6492
Mean x 72.92
Mean y 81.92
RMS x 58.35
RMS y 57.68
side N [adc counts]
side P [adc counts]

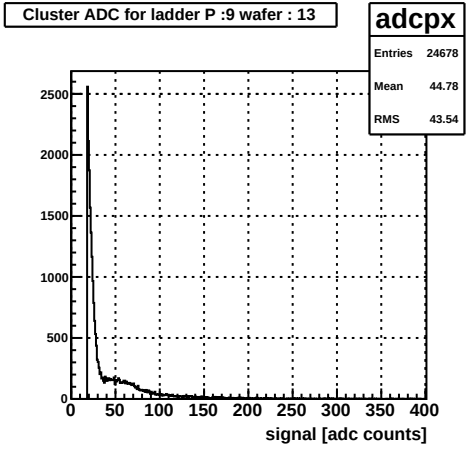

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 9658
Mean 65.15
RMS 56.84
signal [adc counts]

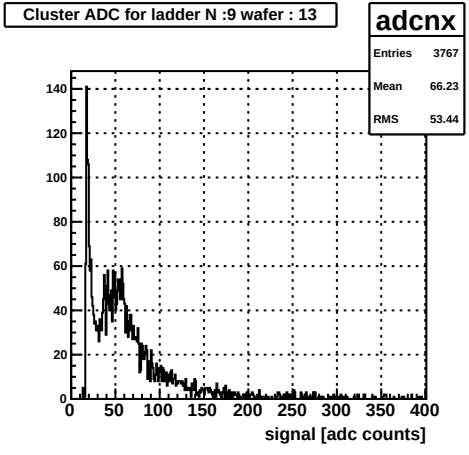

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 13303
Mean 56.56
RMS 53.67
signal [adc counts]

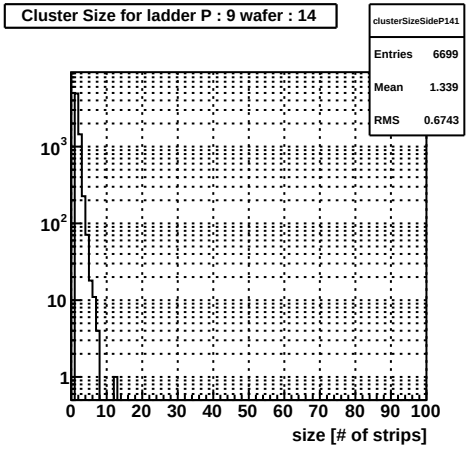

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 24678
Mean 1.198
RMS 0.5074
size [# of strips]

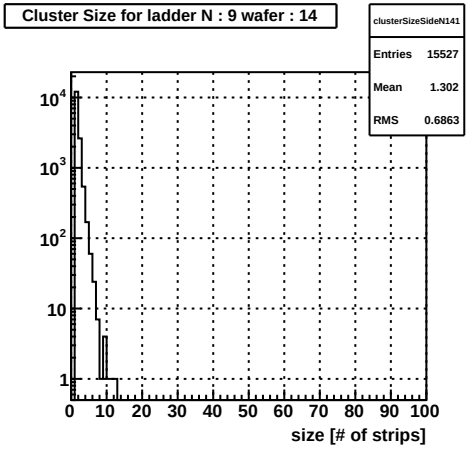

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 3767
Mean 1.441
RMS 0.7612
size [# of strips]

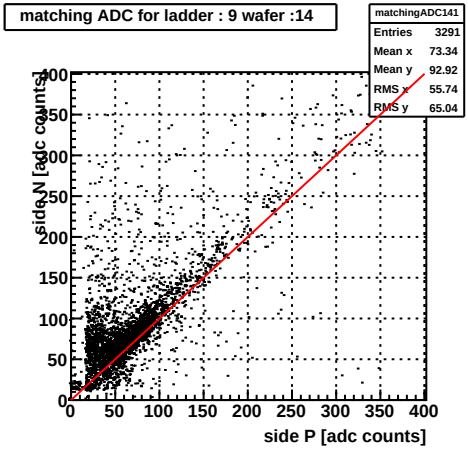

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 3019
Mean x 77.98
Mean y 67.54
RMS x 55.44
RMS y 50.22
side N [adc counts]
side P [adc counts]

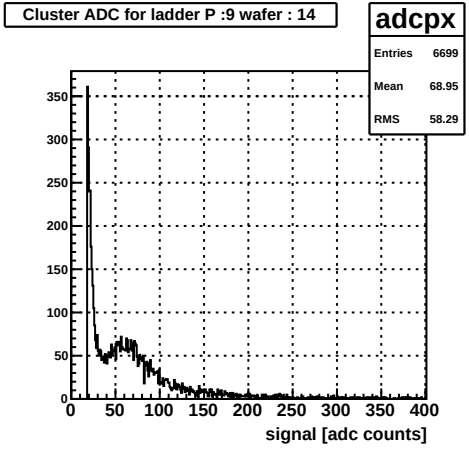

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 24678
Mean 44.78
RMS 43.54
signal [adc counts]

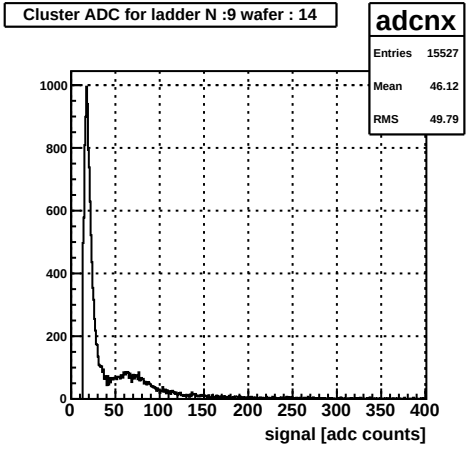

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 3767
Mean 66.23
RMS 53.44
signal [adc counts]

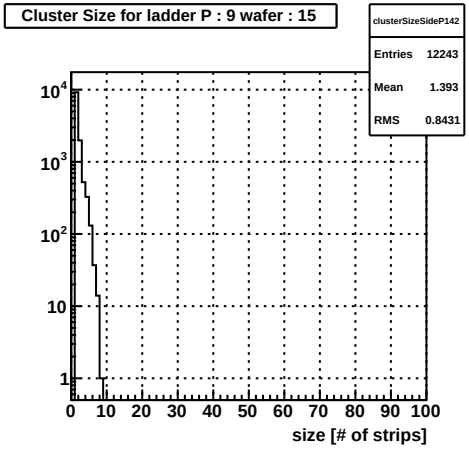

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 6699
Mean 1.339
RMS 0.6743
size [# of strips]

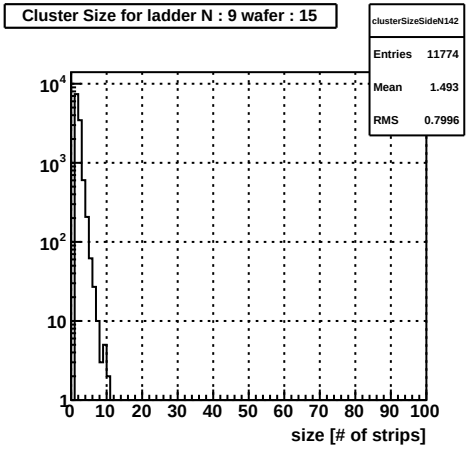

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 15527
Mean 1.302
RMS 0.6863
size [# of strips]

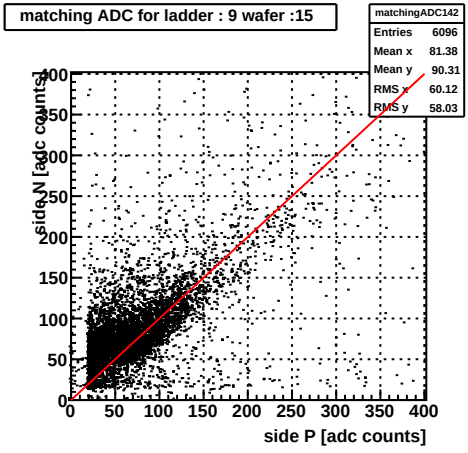

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3291
Mean x 73.34
Mean y 92.92
RMS x 55.74
RMS y 65.04
side N [adc counts]
side P [adc counts]

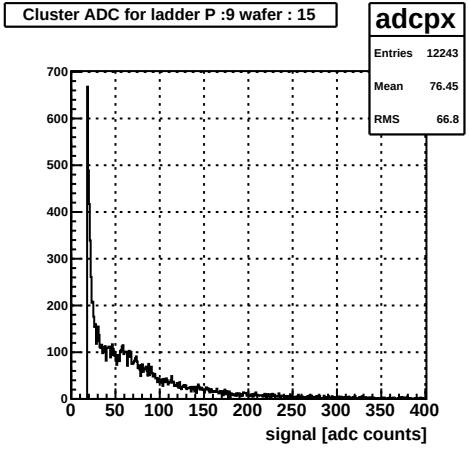

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 6699
Mean 68.95
RMS 58.29
signal [adc counts]

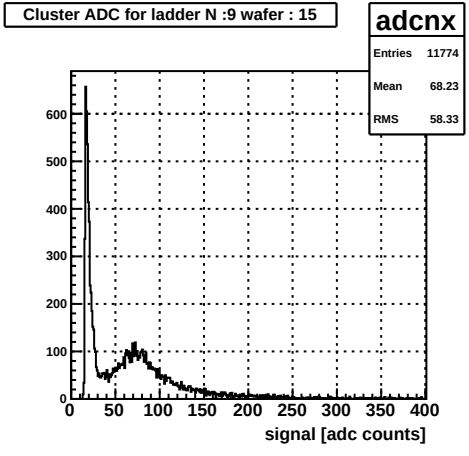

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 15527
Mean 46.12
RMS 49.79
signal [adc counts]

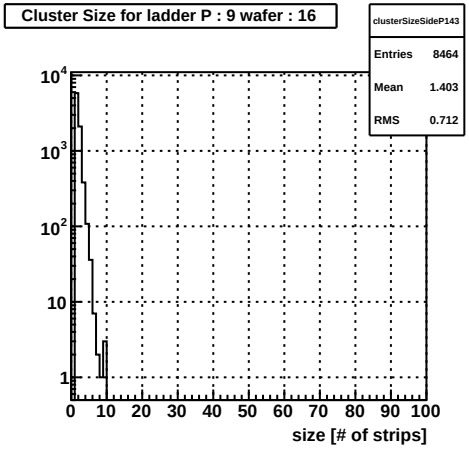

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 12243
Mean 1.393
RMS 0.8431
size [# of strips]

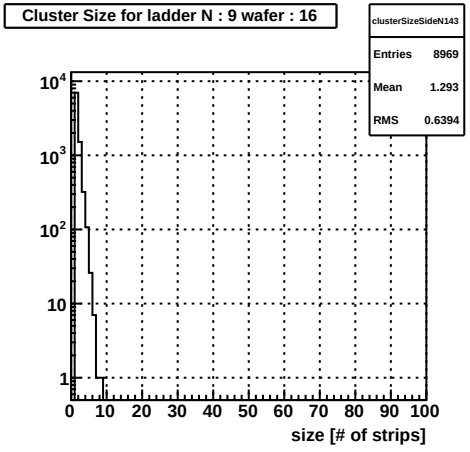

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 11774
Mean 1.493
RMS 0.7996
size [# of strips]

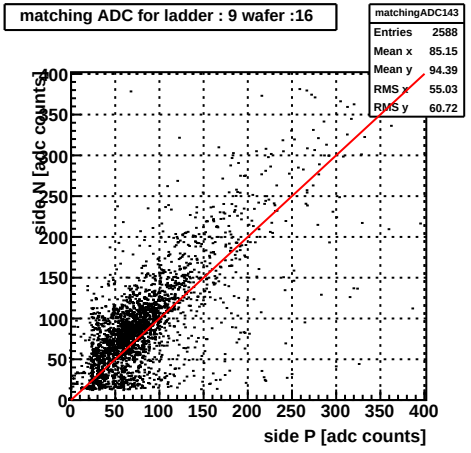

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 6096
Mean x 81.38
Mean y 90.31
RMS x 60.12
RMS y 58.03
side N [adc counts]
side P [adc counts]

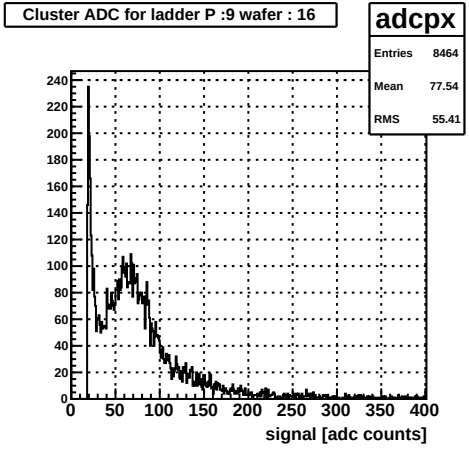

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 12243
Mean 76.45
RMS 66.8
signal [adc counts]

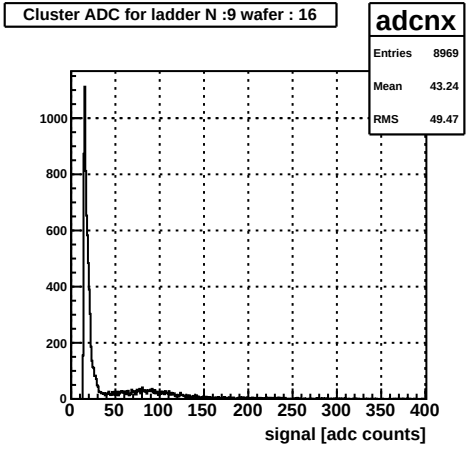

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 11774
Mean 68.23
RMS 58.33
signal [adc counts]

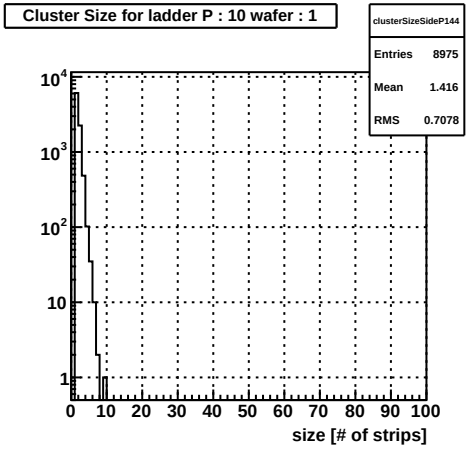

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 8464
Mean 1.403
RMS 0.712
size [# of strips]

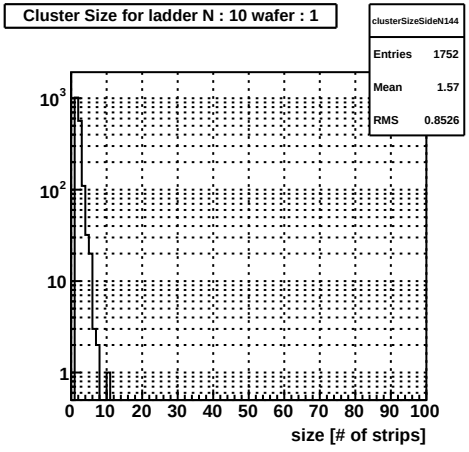

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 8969
Mean 1.293
RMS 0.6394
size [# of strips]

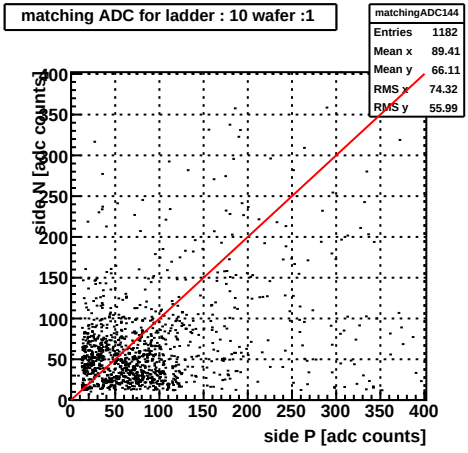

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2588
Mean x 85.15
Mean y 94.39
RMS x 55.03
RMS y 60.72
side N [adc counts]
side P [adc counts]

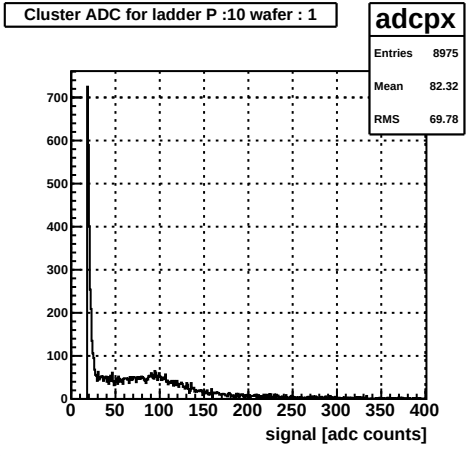

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 8464
Mean 77.54
RMS 55.41
signal [adc counts]

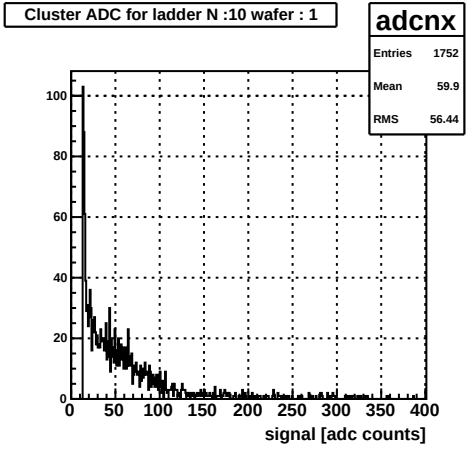

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 8969
Mean 43.24
RMS 49.47
signal [adc counts]

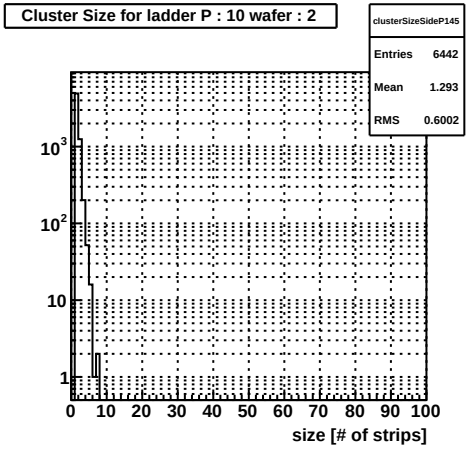

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 8975
Mean 1.416
RMS 0.7078
size [# of strips]

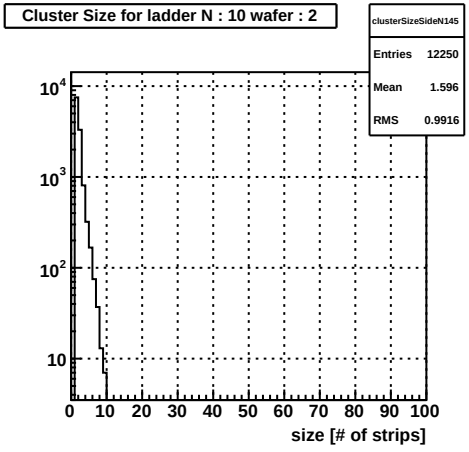

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 1752
Mean 1.57
RMS 0.8526
size [# of strips]

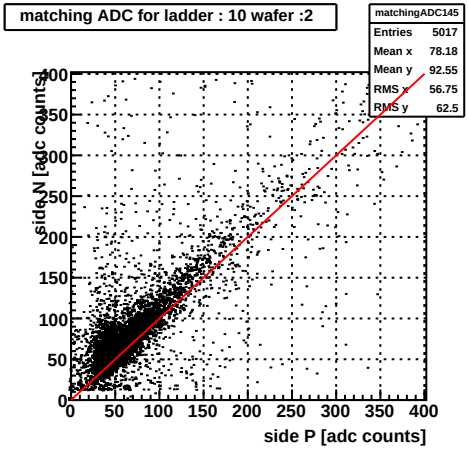

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1182
Mean x 89.41
Mean y 66.11
RMS x 74.32
RMS y 55.99
side N [adc counts]
side P [adc counts]

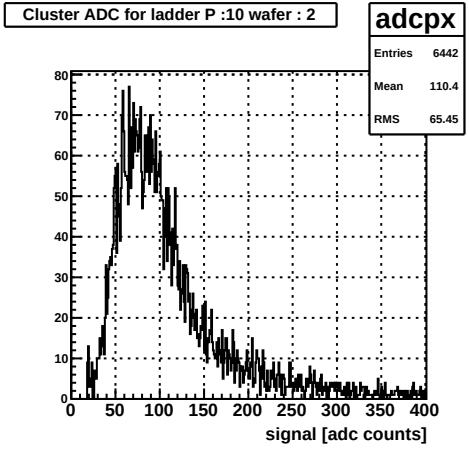

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 8975
Mean 82.32
RMS 69.78
signal [adc counts]

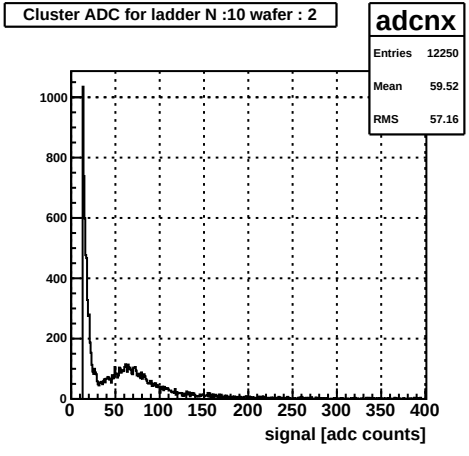

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 1752
Mean 59.9
RMS 56.44
signal [adc counts]

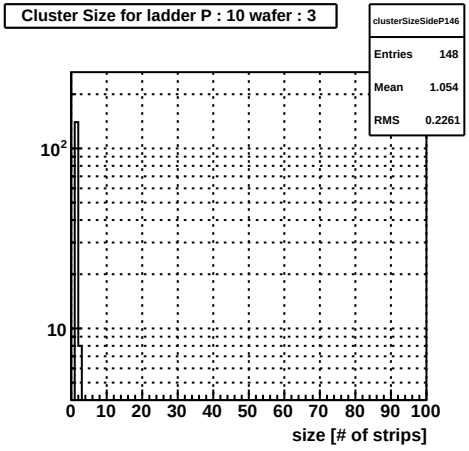

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 6442
Mean 1.293
RMS 0.6002
size [# of strips]

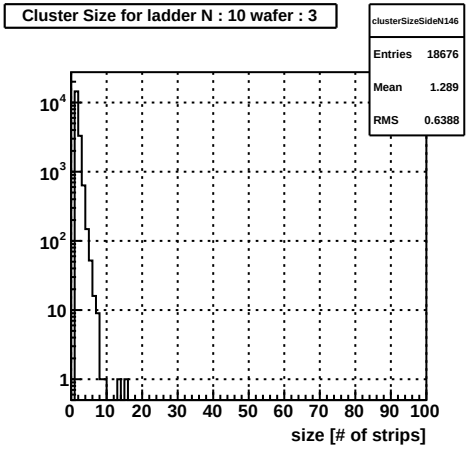

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 12250
Mean 1.596
RMS 0.9916
size [# of strips]

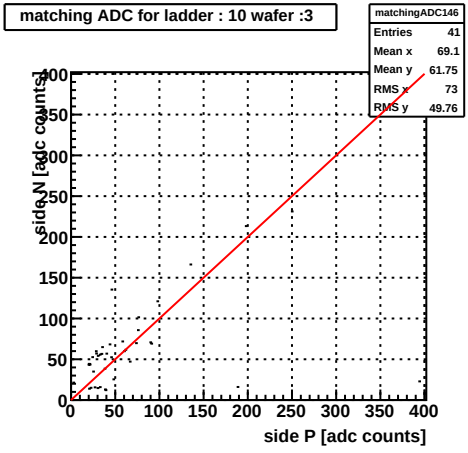

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 5017
Mean x 78.18
Mean y 92.55
RMS x 56.75
RMS y 62.5
side N [adc counts]
side P [adc counts]

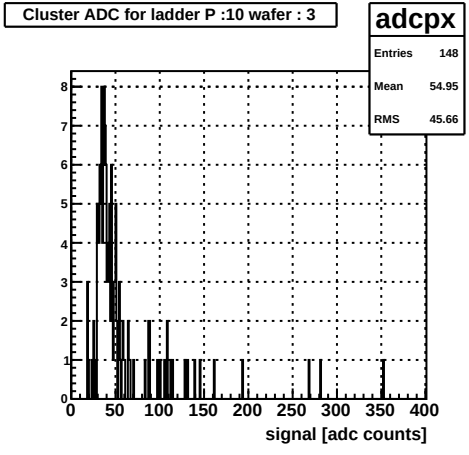

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 6442
Mean 110.4
RMS 65.45
signal [adc counts]

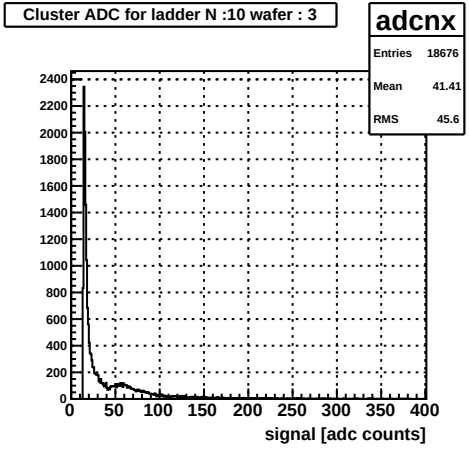

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 12250
Mean 59.52
RMS 57.16
signal [adc counts]

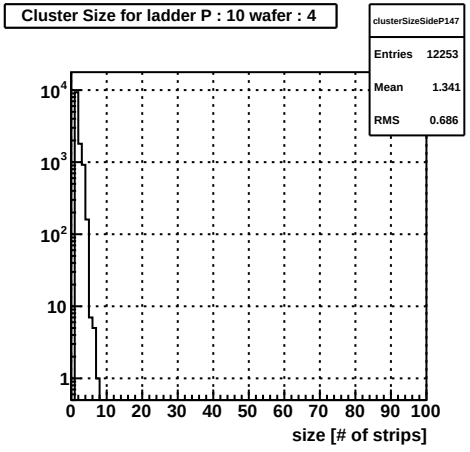

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 148
Mean 1.054
RMS 0.2261
size [# of strips]

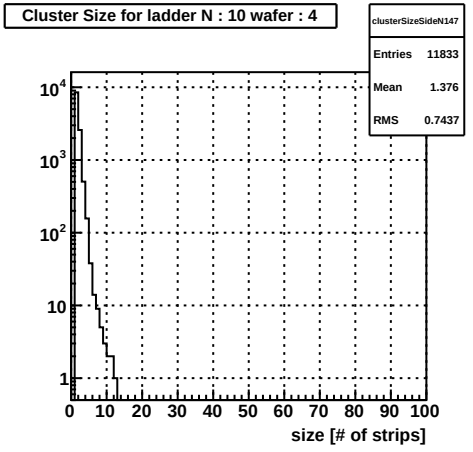

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 18676
Mean 1.289
RMS 0.6388
size [# of strips]

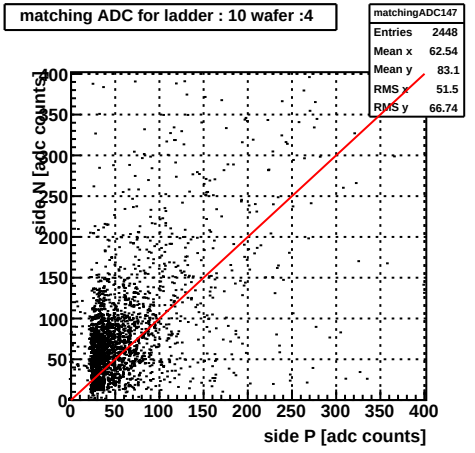

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 41
Mean x 69.1
Mean y 61.75
RMS x 73
RMS y 49.76
side N [adc counts]
side P [adc counts]

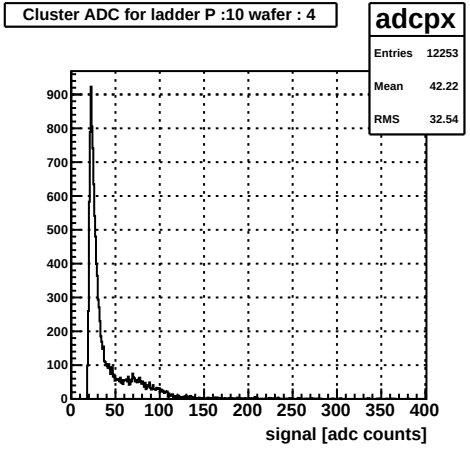

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 148
Mean 54.95
RMS 45.66
signal [adc counts]

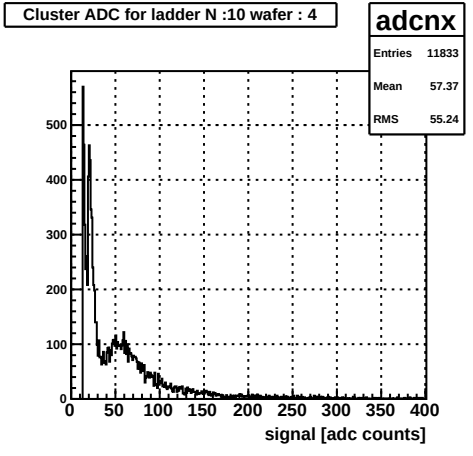

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 18676
Mean 41.41
RMS 45.6
signal [adc counts]

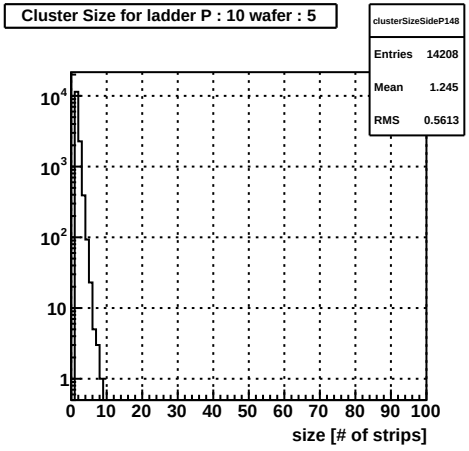

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 12253
Mean 1.341
RMS 0.686
size [# of strips]

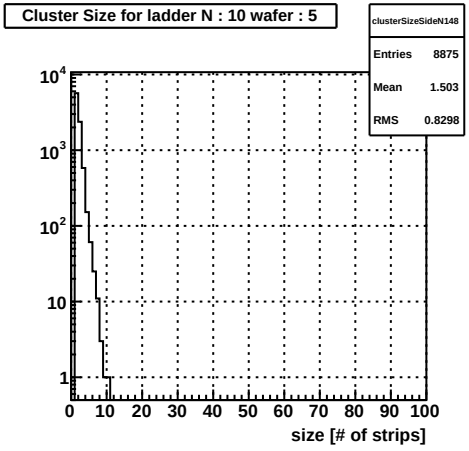

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 11833
Mean 1.376
RMS 0.7437
size [# of strips]

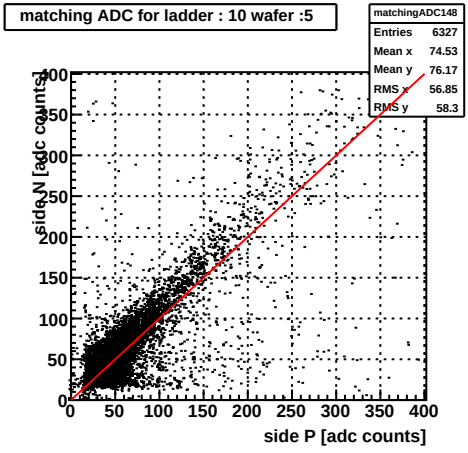

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 2448
Mean x 62.54
Mean y 83.1
RMS x 51.5
RMS y 66.74
side N [adc counts]
side P [adc counts]

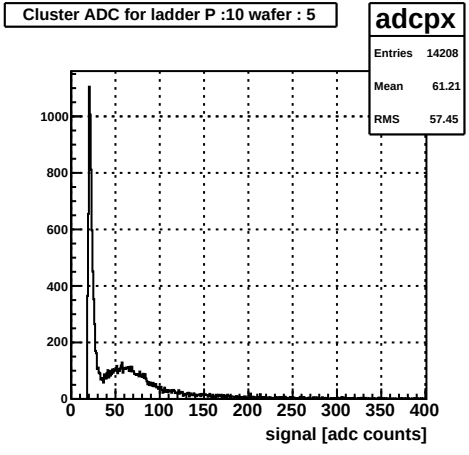

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 12253
Mean 42.22
RMS 32.54
signal [adc counts]

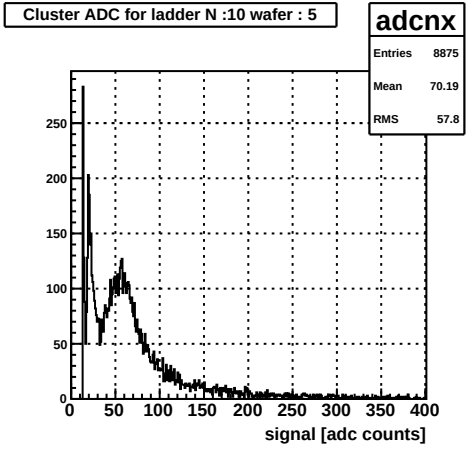

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 11833
Mean 57.37
RMS 55.24
signal [adc counts]

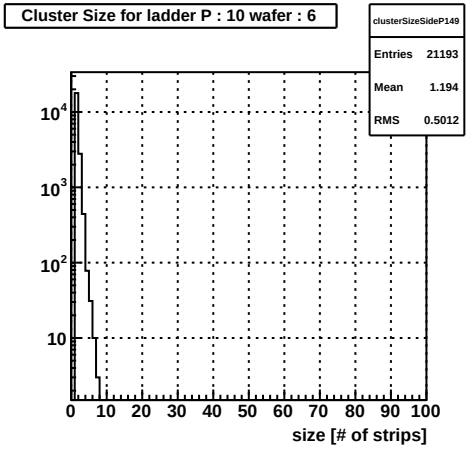

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 14208
Mean 1.245
RMS 0.5613
size [# of strips]

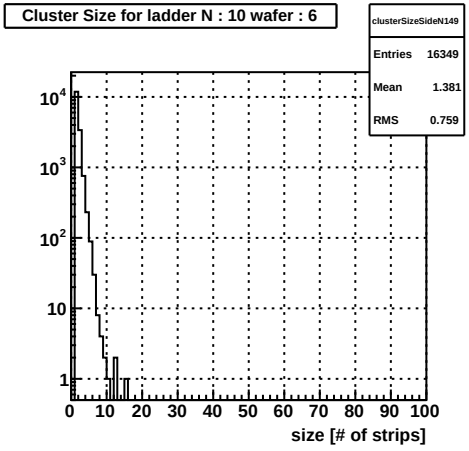

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 8875
Mean 1.503
RMS 0.8298
size [# of strips]

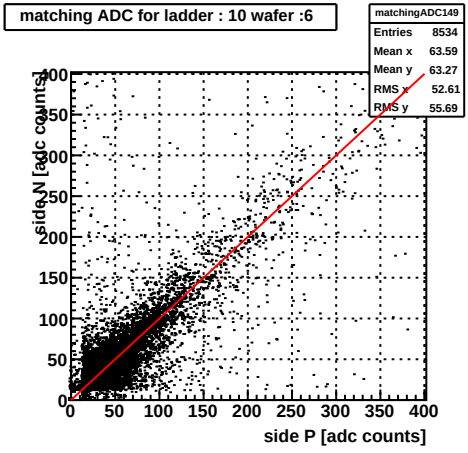

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 6327
Mean x 74.53
Mean y 76.17
RMS x 56.85
RMS y 58.3
side N [adc counts]
side P [adc counts]

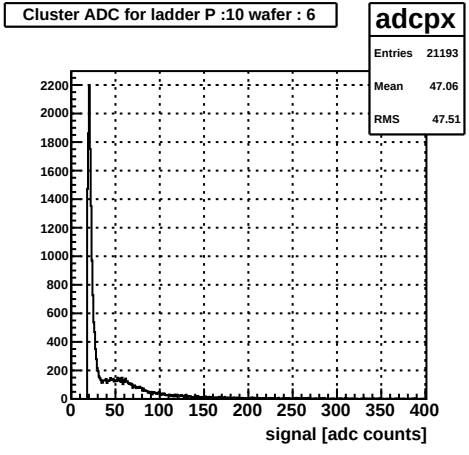

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 14208
Mean 61.21
RMS 57.45
signal [adc counts]

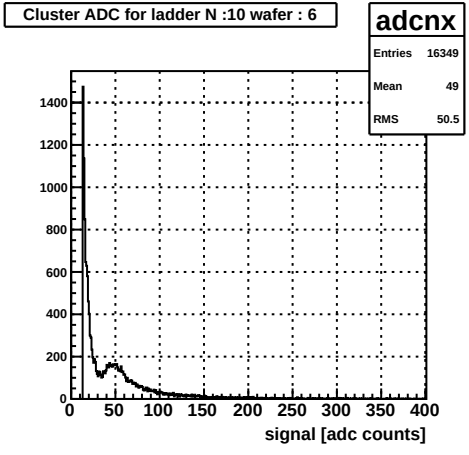

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 8875
Mean 70.19
RMS 57.8
signal [adc counts]

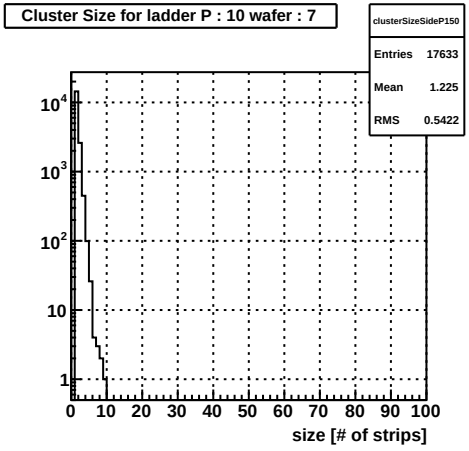

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 21193
Mean 1.194
RMS 0.5012
size [# of strips]

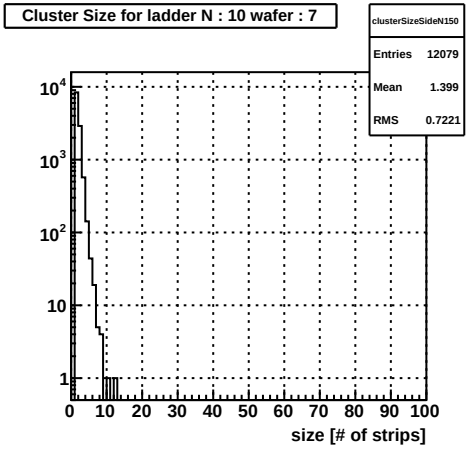

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 16349
Mean 1.381
RMS 0.759
size [# of strips]

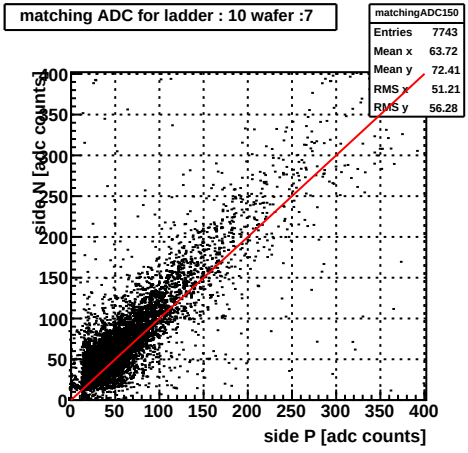

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 8534
Mean x 63.59
Mean y 63.27
RMS x 52.61
RMS y 55.69
side N [adc counts]
side P [adc counts]

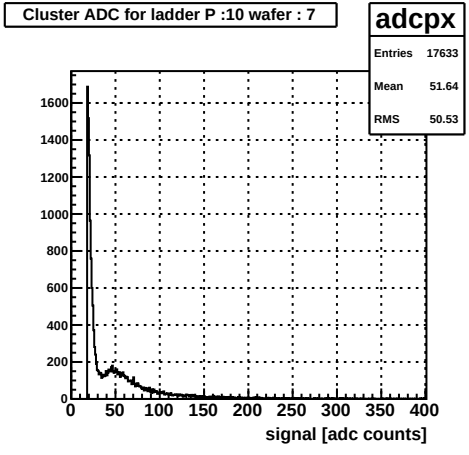

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 21193
Mean 47.06
RMS 47.51
signal [adc counts]

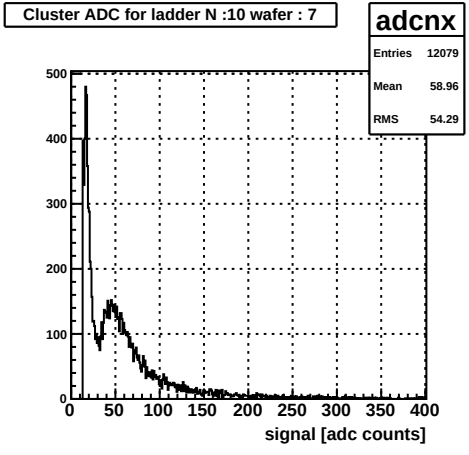

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 16349
Mean 49
RMS 50.5
signal [adc counts]

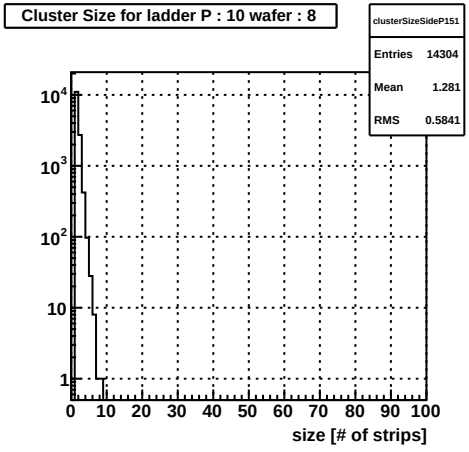

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 17633
Mean 1.225
RMS 0.5422
size [# of strips]

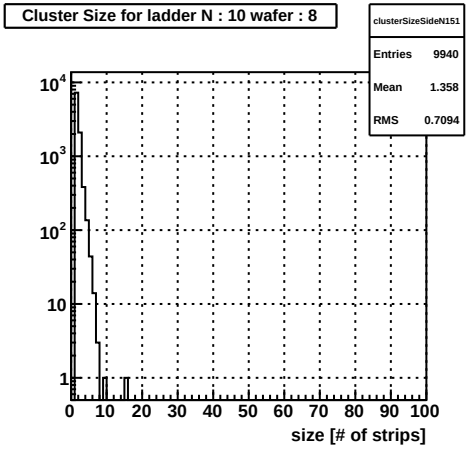

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 12079
Mean 1.399
RMS 0.7221
size [# of strips]

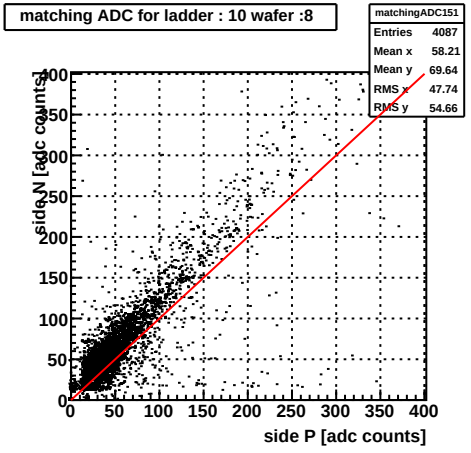

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 7743
Mean x 63.72
Mean y 72.41
RMS x 51.21
RMS y 56.28
side N [adc counts]
side P [adc counts]

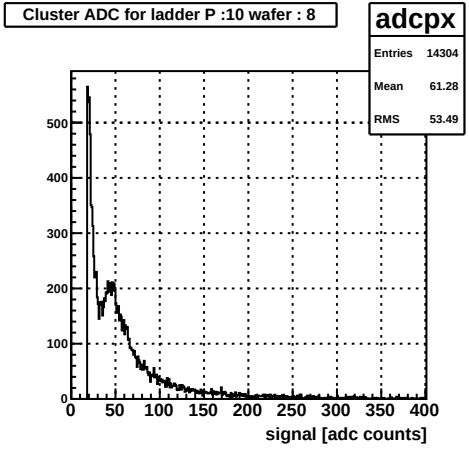

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 17633
Mean 51.64
RMS 50.53
signal [adc counts]

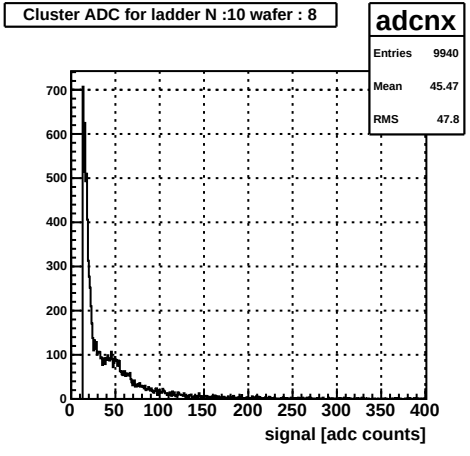

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 12079
Mean 58.96
RMS 54.29
signal [adc counts]

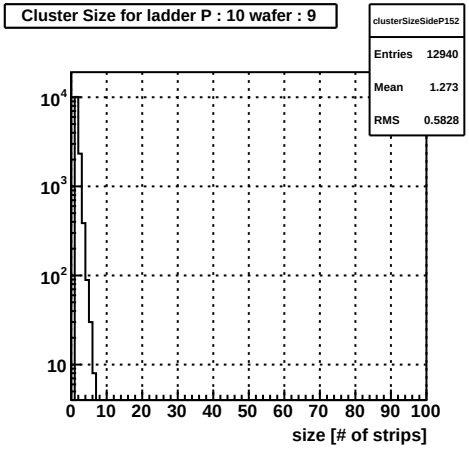

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 14304
Mean 1.281
RMS 0.5841
size [# of strips]

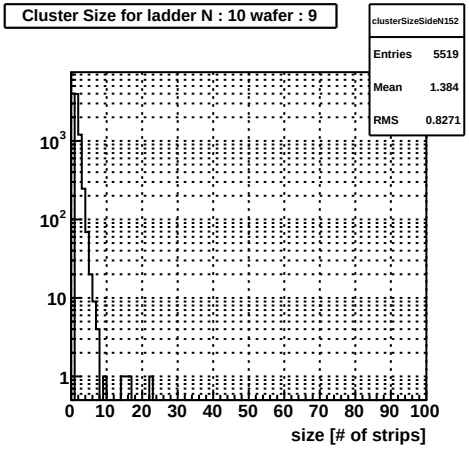

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 9940
Mean 1.358
RMS 0.7094
size [# of strips]

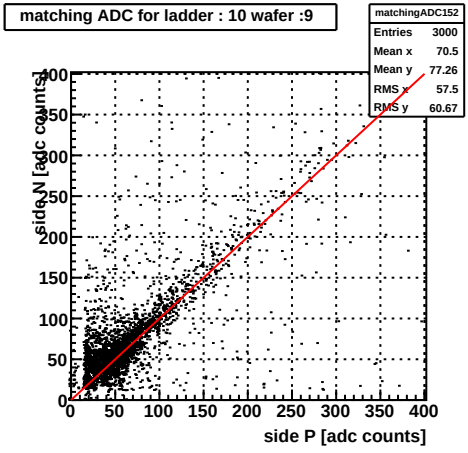

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 4087
Mean x 58.21
Mean y 69.64
RMS x 47.74
RMS y 54.66
side N [adc counts]
side P [adc counts]

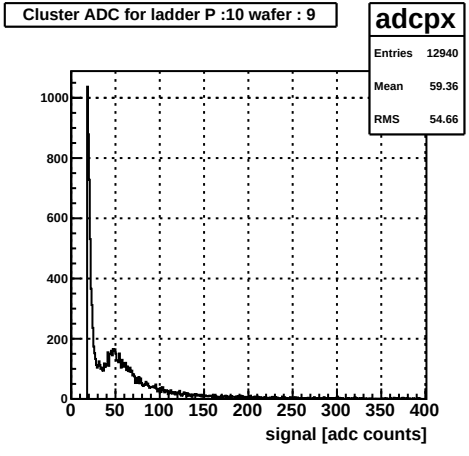

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 14304
Mean 61.28
RMS 53.49
signal [adc counts]

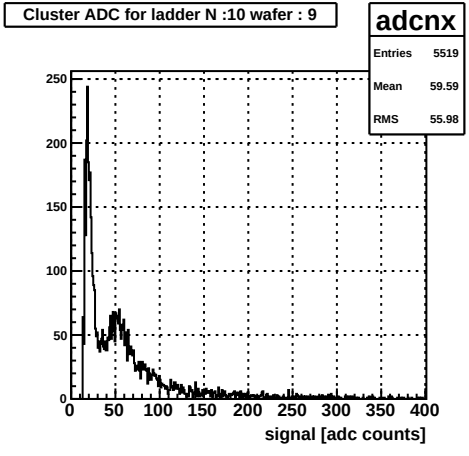

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 9940
Mean 45.47
RMS 47.8
signal [adc counts]

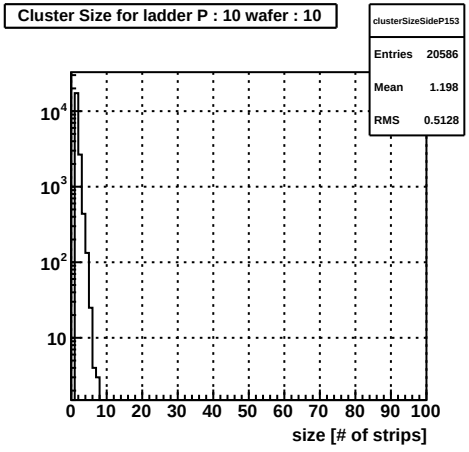

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 12940
Mean 1.273
RMS 0.5828
size [# of strips]

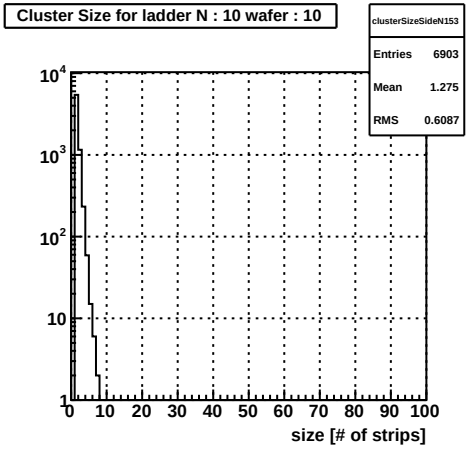

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 5519
Mean 1.384
RMS 0.8271
size [# of strips]

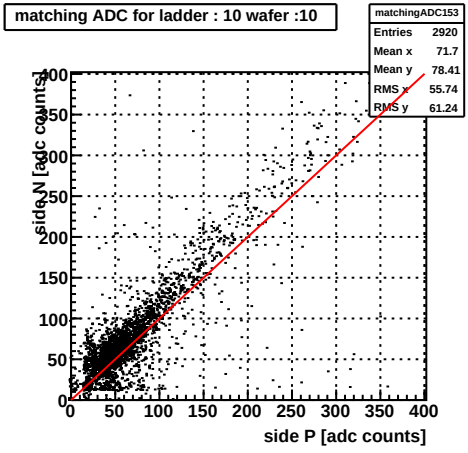

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3000
Mean x 70.5
Mean y 77.26
RMS x 57.5
RMS y 60.67
side N [adc counts]
side P [adc counts]

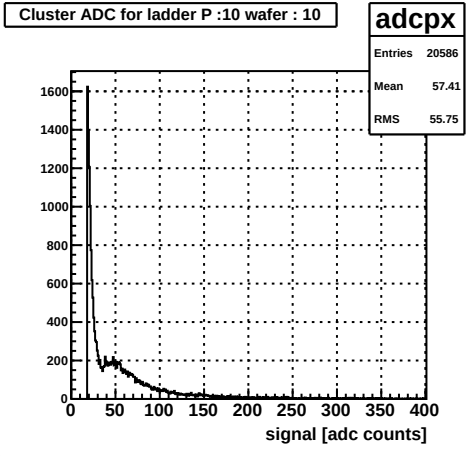

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 12940
Mean 59.36
RMS 54.66
signal [adc counts]

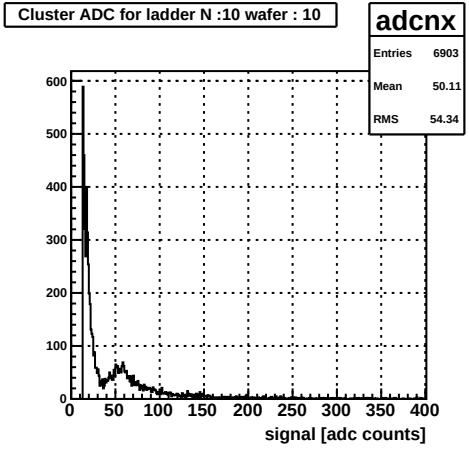

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 5519
Mean 59.59
RMS 55.98
signal [adc counts]

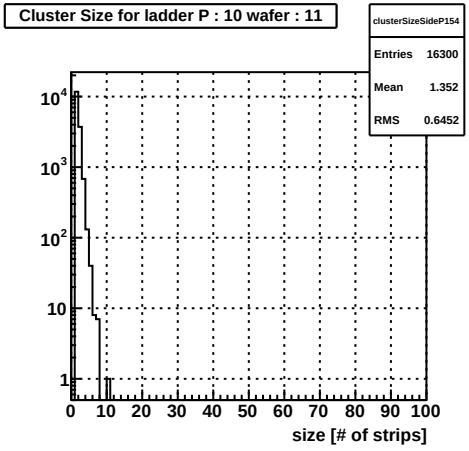

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 20586
Mean 1.198
RMS 0.5128
size [# of strips]

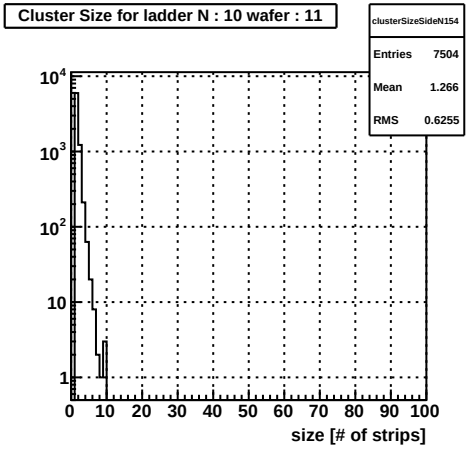

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 6903
Mean 1.275
RMS 0.6087
size [# of strips]

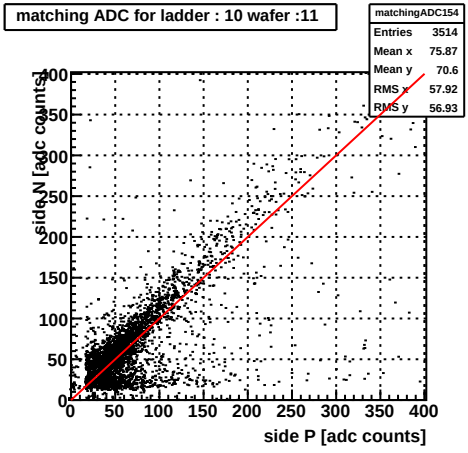

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2920
Mean x 71.7
Mean y 78.41
RMS x 55.74
RMS y 61.24
side N [adc counts]
side P [adc counts]

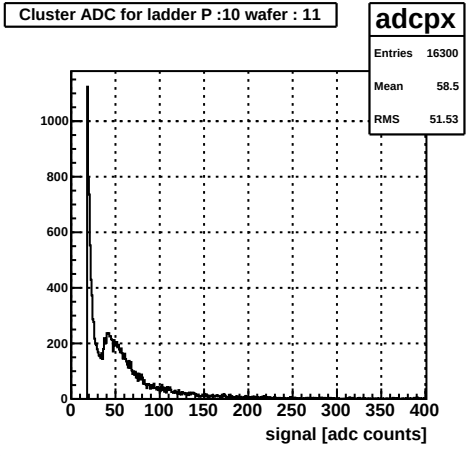

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 20586
Mean 57.41
RMS 55.75
signal [adc counts]

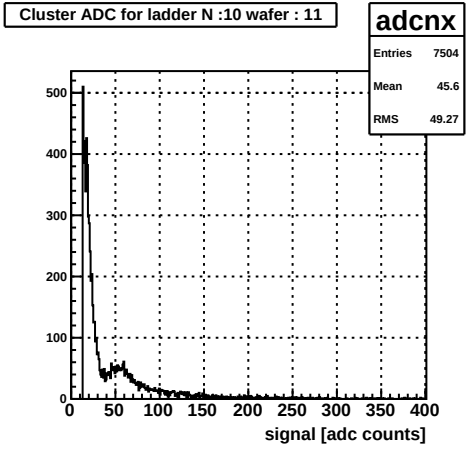

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 6903
Mean 50.11
RMS 54.34
signal [adc counts]

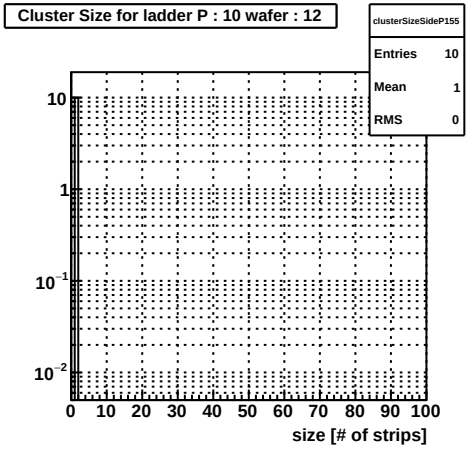

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 16300
Mean 1.352
RMS 0.6452
size [# of strips]

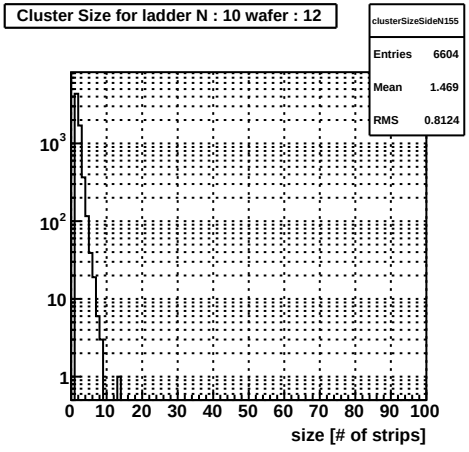

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 7504
Mean 1.266
RMS 0.6255
size [# of strips]

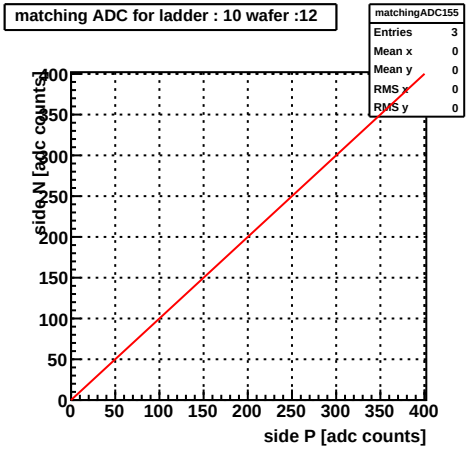

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 3514
Mean x 75.87
Mean y 70.6
RMS x 57.92
RMS y 56.93
side N [adc counts]
side P [adc counts]

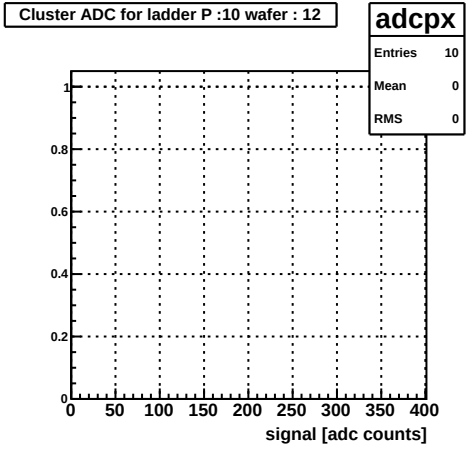

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 16300
Mean 58.5
RMS 51.53
signal [adc counts]

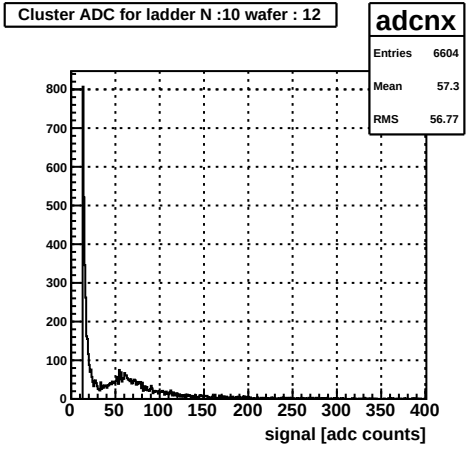

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 7504
Mean 45.6
RMS 49.27
signal [adc counts]

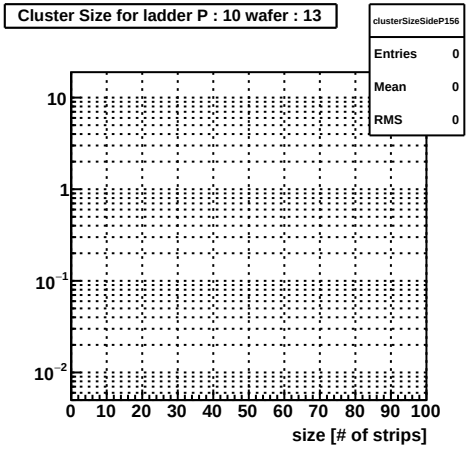

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 10
Mean 1
RMS 0
size [# of strips]

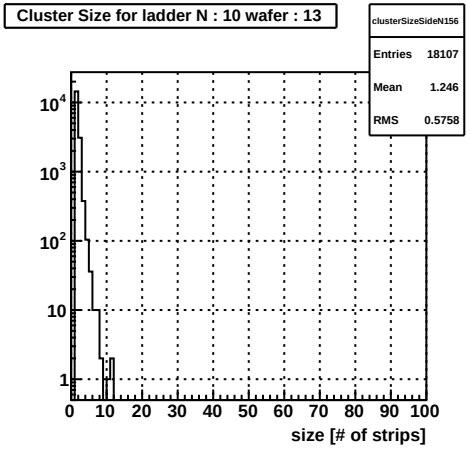

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 6604
Mean 1.469
RMS 0.8124
size [# of strips]

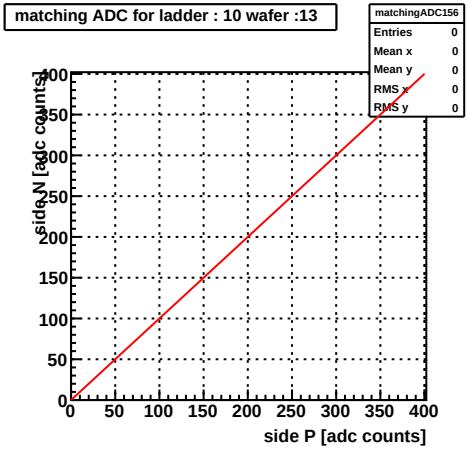

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

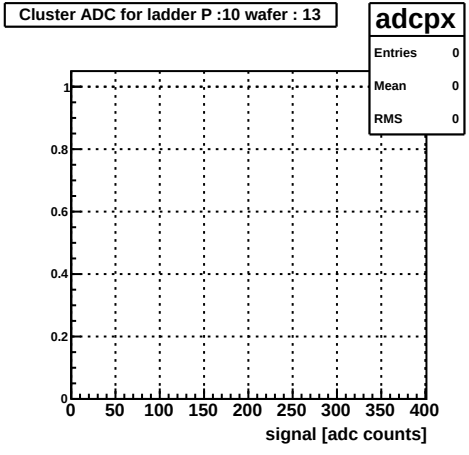

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

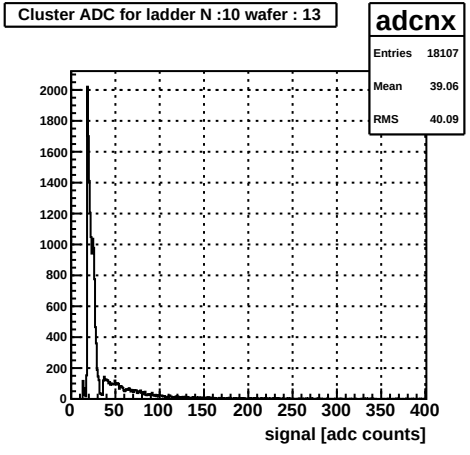

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 6604
Mean 57.3
RMS 56.77
signal [adc counts]

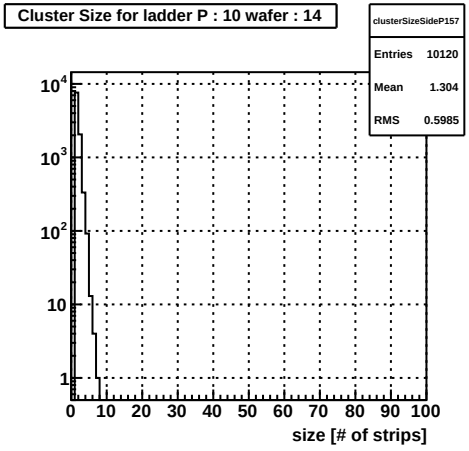

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

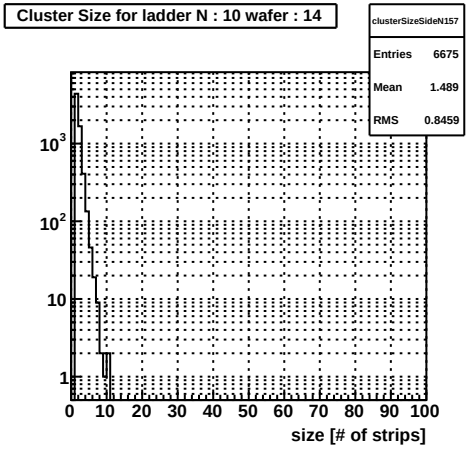

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 18107
Mean 1.246
RMS 0.5758
size [# of strips]

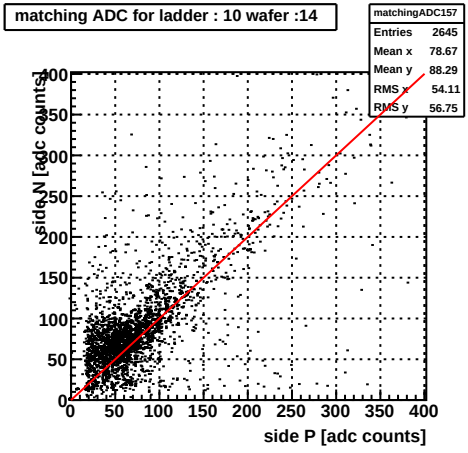

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

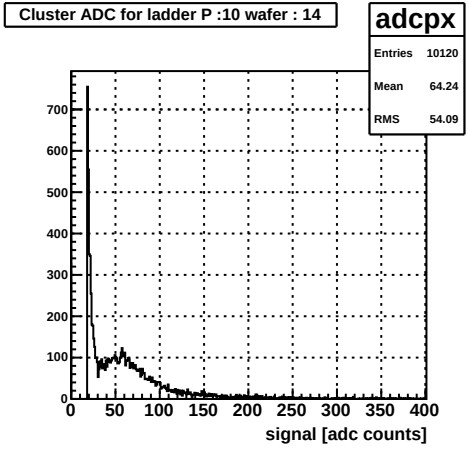

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

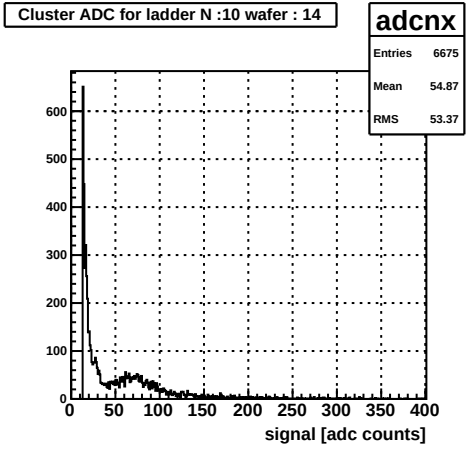

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 18107
Mean 39.06
RMS 40.09
signal [adc counts]

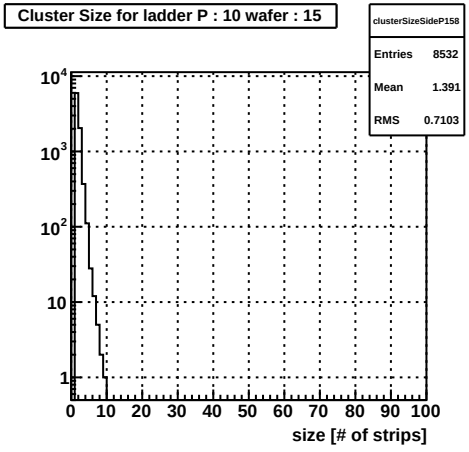

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 10120
Mean 1.304
RMS 0.5985
size [# of strips]

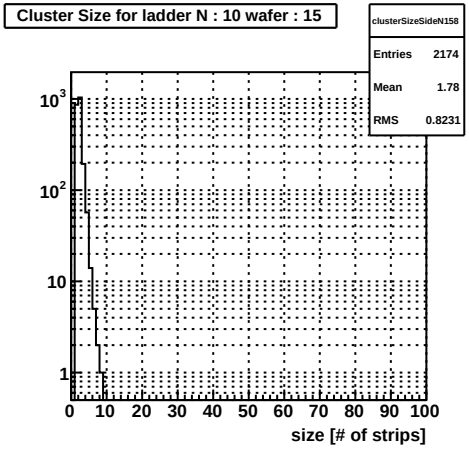

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 6675
Mean 1.489
RMS 0.8459
size [# of strips]

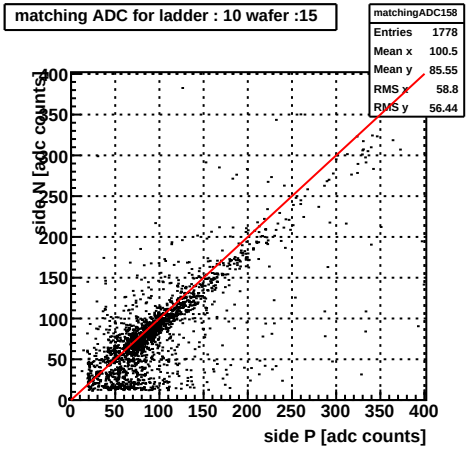

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2645
Mean x 78.67
Mean y 88.29
RMS x 54.11
RMS y 56.75
side N [adc counts]
side P [adc counts]

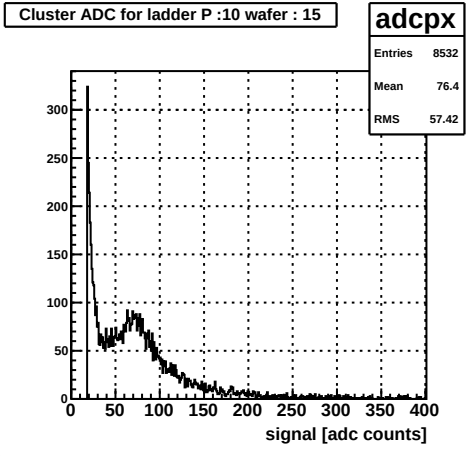

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 10120
Mean 64.24
RMS 54.09
signal [adc counts]

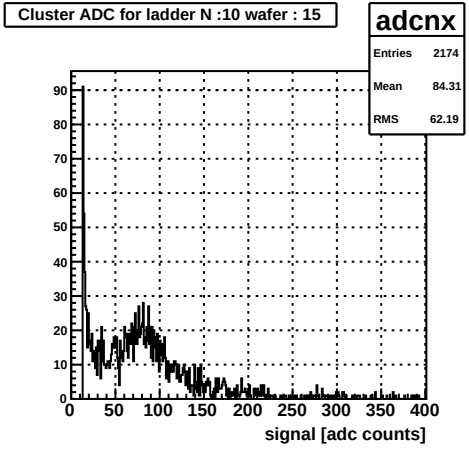

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 6675
Mean 54.87
RMS 53.37
signal [adc counts]

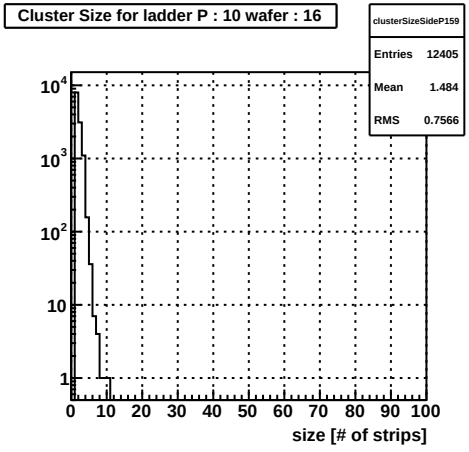

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 8532
Mean 1.391
RMS 0.7103
size [# of strips]

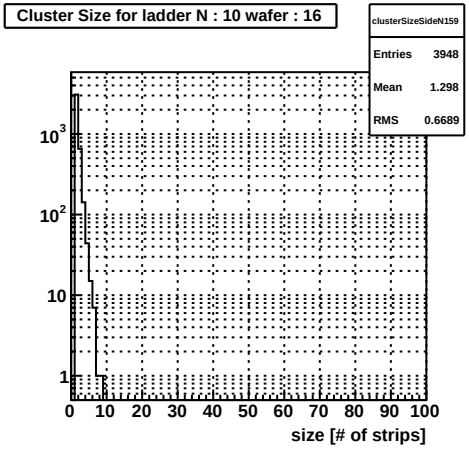

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 2174
Mean 1.78
RMS 0.8231
size [# of strips]

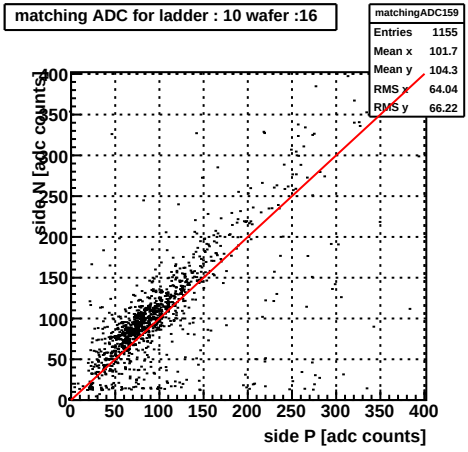

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1778
Mean x 100.5
Mean y 85.55
RMS x 58.8
RMS y 56.44
side N [adc counts]
side P [adc counts]

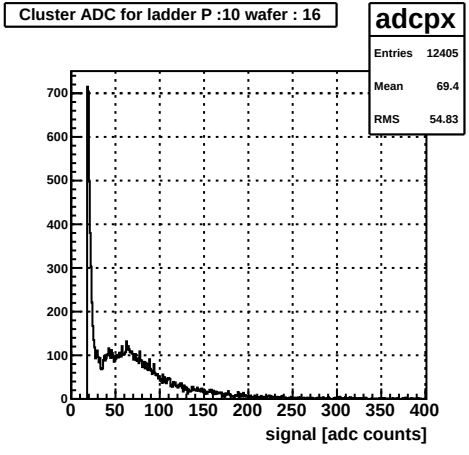

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 8532
Mean 76.4
RMS 57.42
signal [adc counts]

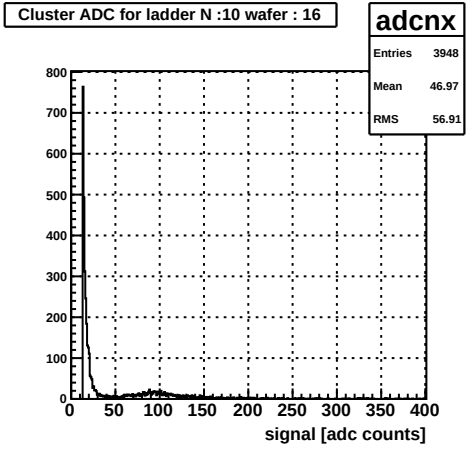

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 2174
Mean 84.31
RMS 62.19
signal [adc counts]

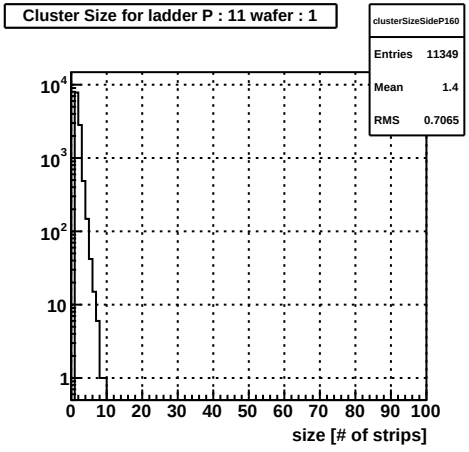

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 12405
Mean 1.484
RMS 0.7566
size [# of strips]

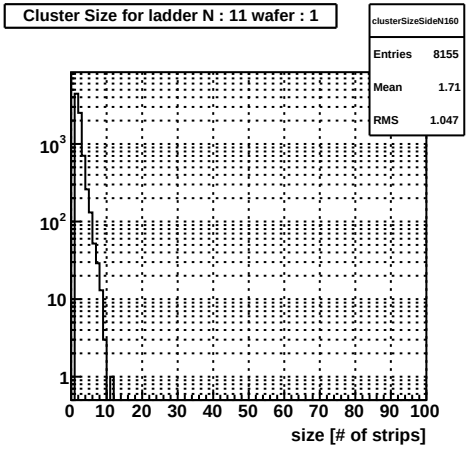

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 3948
Mean 1.298
RMS 0.6689
size [# of strips]

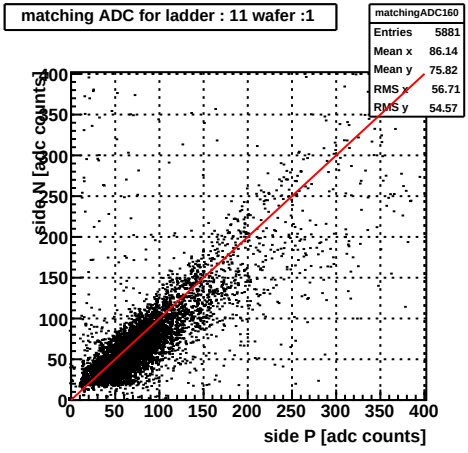

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1155
Mean x 101.7
Mean y 104.3
RMS x 64.04
RMS y 66.22
side N [adc counts]
side P [adc counts]

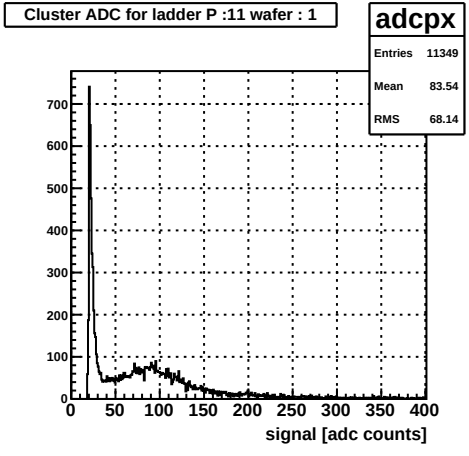

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 12405
Mean 69.4
RMS 54.83
signal [adc counts]

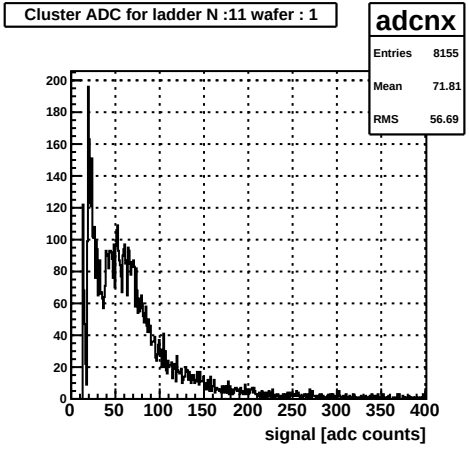

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 3948
Mean 46.97
RMS 56.91
signal [adc counts]

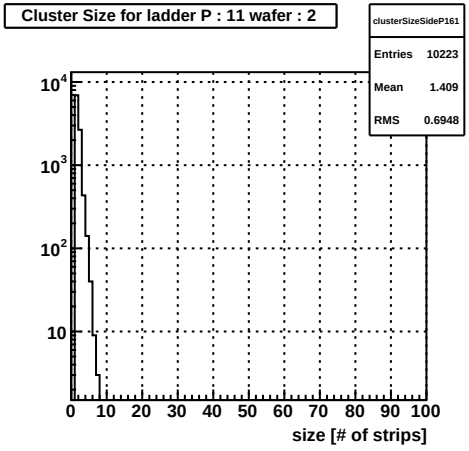

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 11349
Mean 1.4
RMS 0.7065
size [# of strips]

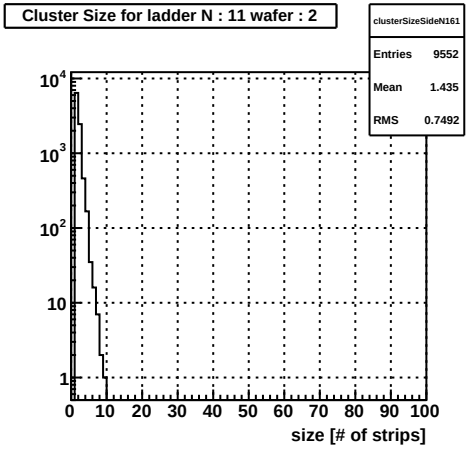

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 8155
Mean 1.71
RMS 1.047
size [# of strips]

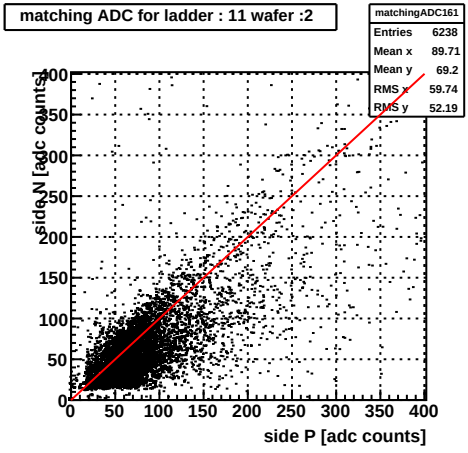

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 5881
Mean x 86.14
Mean y 75.82
RMS x 56.71
RMS y 54.57
side N [adc counts]
side P [adc counts]

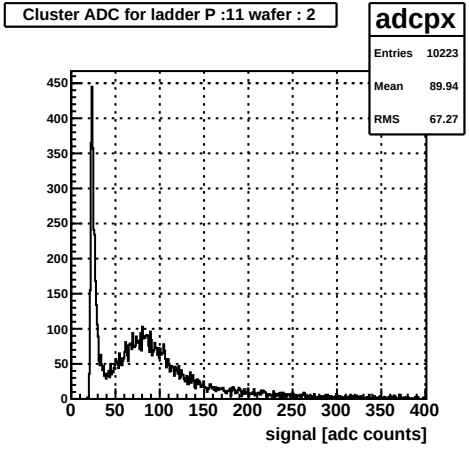

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 11349
Mean 83.54
RMS 68.14
signal [adc counts]

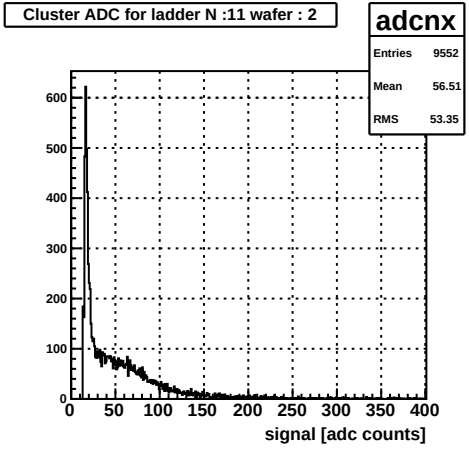

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 8155
Mean 71.81
RMS 56.69
signal [adc counts]

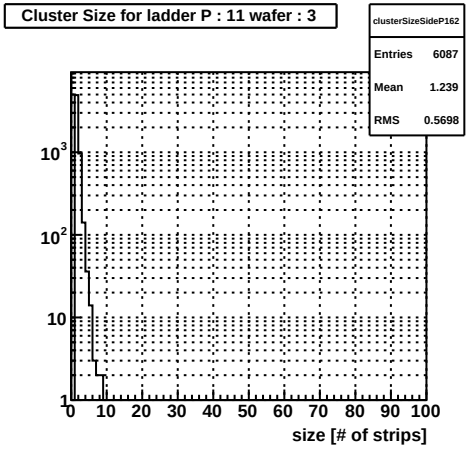

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 10223
Mean 1.409
RMS 0.6948
size [# of strips]

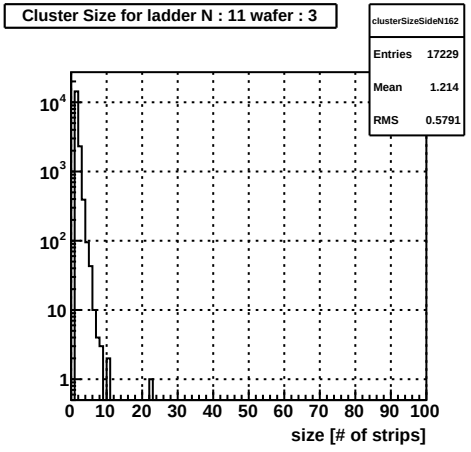

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 9552
Mean 1.435
RMS 0.7492
size [# of strips]

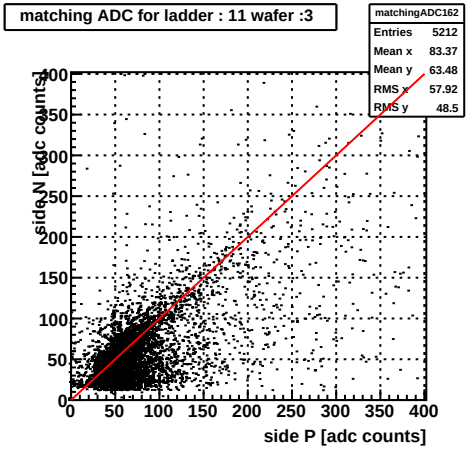

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 6238
Mean x 89.71
Mean y 69.2
RMS x 59.74
RMS y 52.19
side N [adc counts]
side P [adc counts]

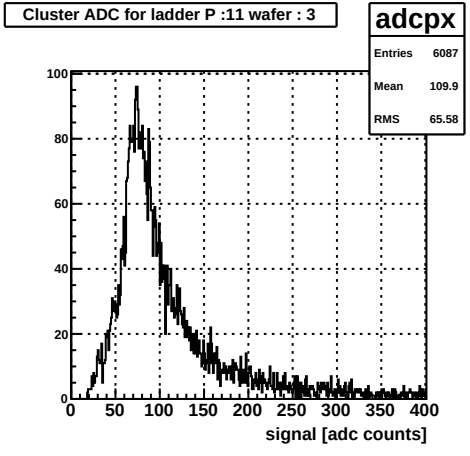

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 10223
Mean 89.94
RMS 67.27
signal [adc counts]

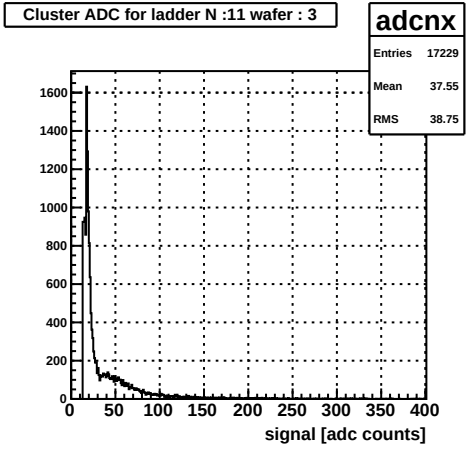

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 9552
Mean 56.51
RMS 53.35
signal [adc counts]

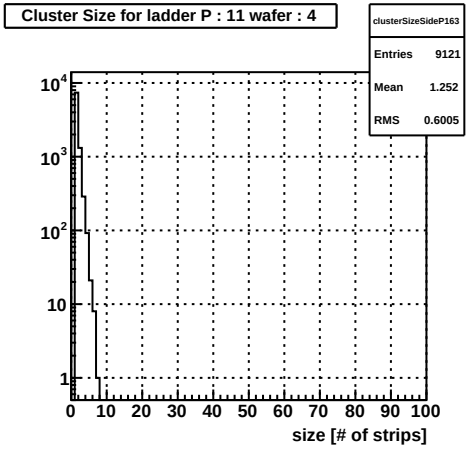

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 6087
Mean 1.239
RMS 0.5698
size [# of strips]

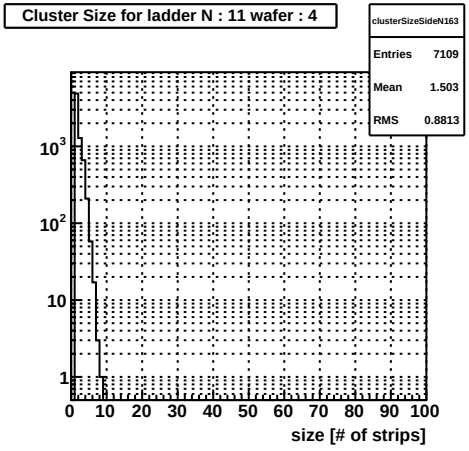

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 17229
Mean 1.214
RMS 0.5791
size [# of strips]

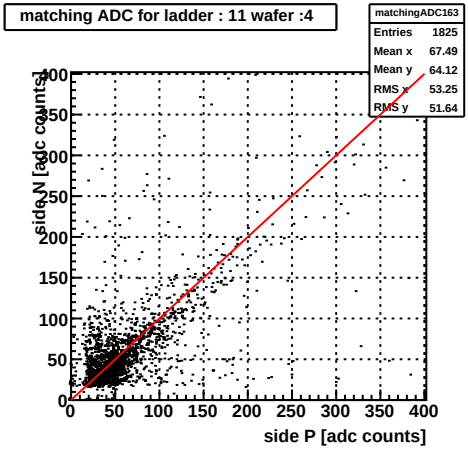

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 5212
Mean x 83.37
Mean y 63.48
RMS x 57.92
RMS y 48.5
side N [adc counts]
side P [adc counts]

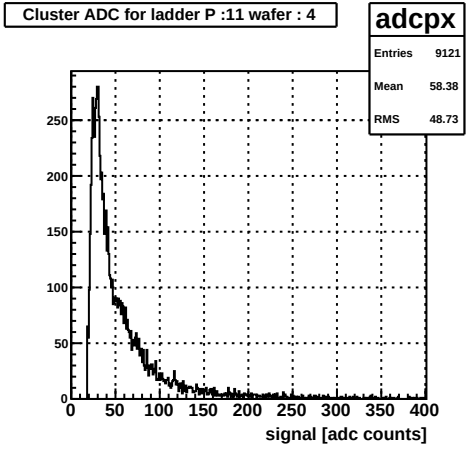

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 6087
Mean 109.9
RMS 65.58
signal [adc counts]

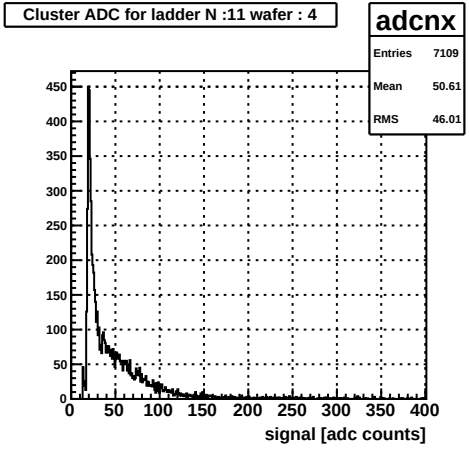

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 17229
Mean 37.55
RMS 38.75
signal [adc counts]

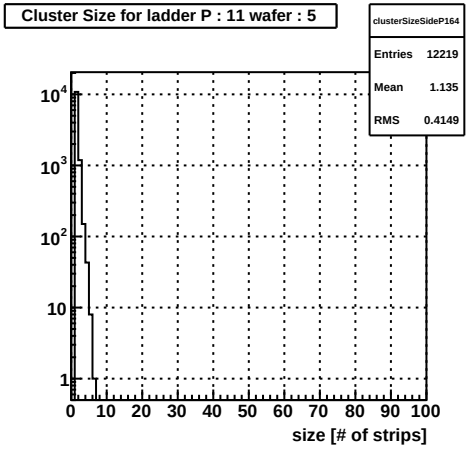

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 9121
Mean 1.252
RMS 0.6005
size [# of strips]

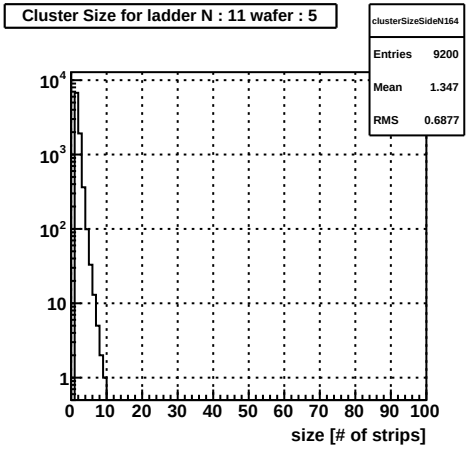

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7109
Mean 1.503
RMS 0.8813
size [# of strips]

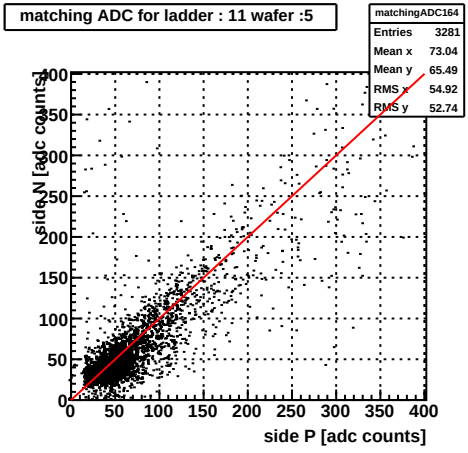

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1825
Mean x 67.49
Mean y 64.12
RMS x 53.25
RMS y 51.64
side N [adc counts]
side P [adc counts]

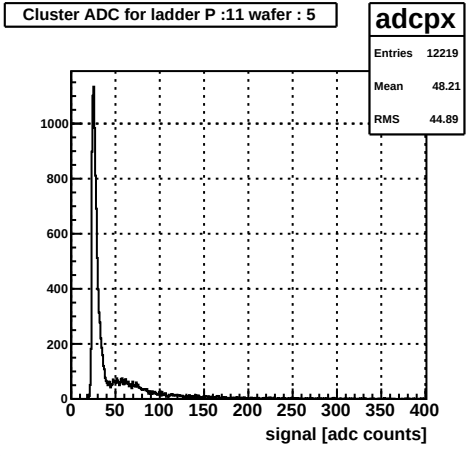

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 9121
Mean 58.38
RMS 48.73
signal [adc counts]

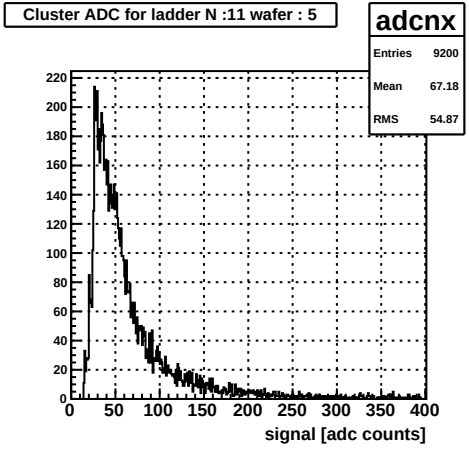

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7109
Mean 50.61
RMS 46.01
signal [adc counts]

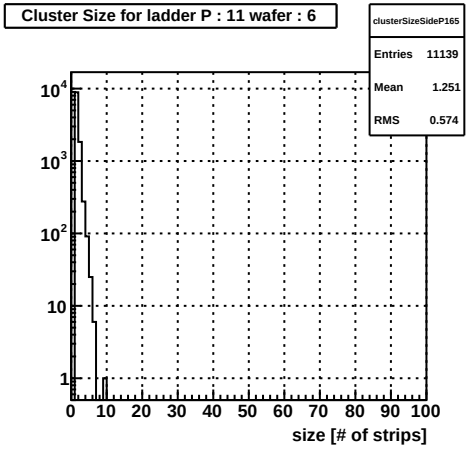

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12219
Mean 1.135
RMS 0.4149
size [# of strips]

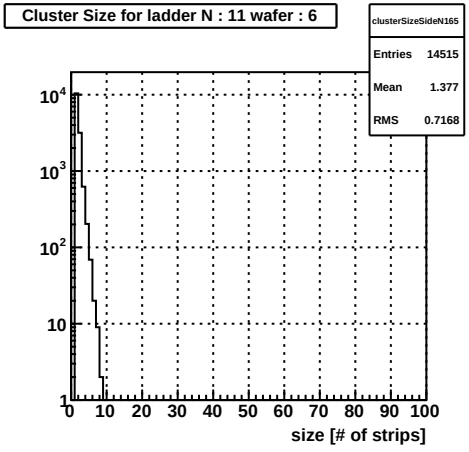

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 9200
Mean 1.347
RMS 0.6877
size [# of strips]

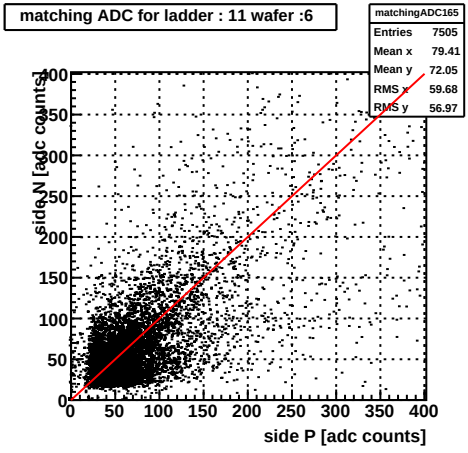

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3281
Mean x 73.04
Mean y 65.49
RMS x 54.92
RMS y 52.74
side N [adc counts]
side P [adc counts]

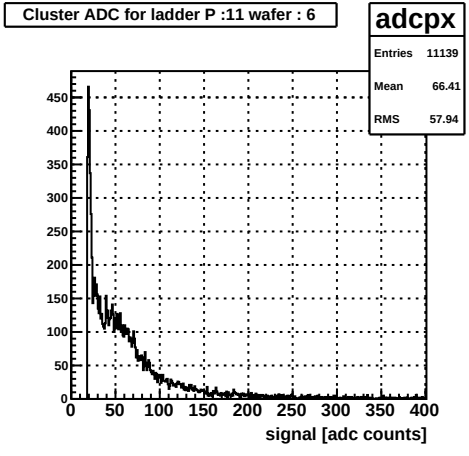

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12219
Mean 48.21
RMS 44.89
signal [adc counts]

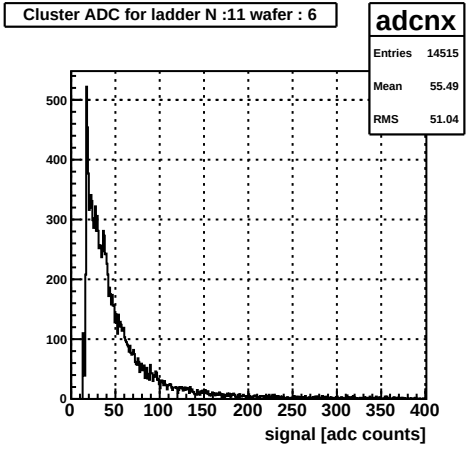

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 9200
Mean 67.18
RMS 54.87
signal [adc counts]

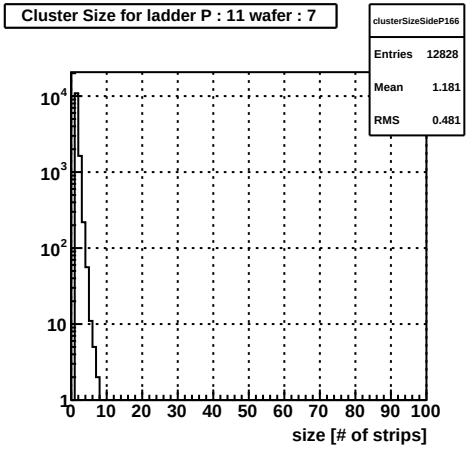

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 11139
Mean 1.251
RMS 0.574
size [# of strips]

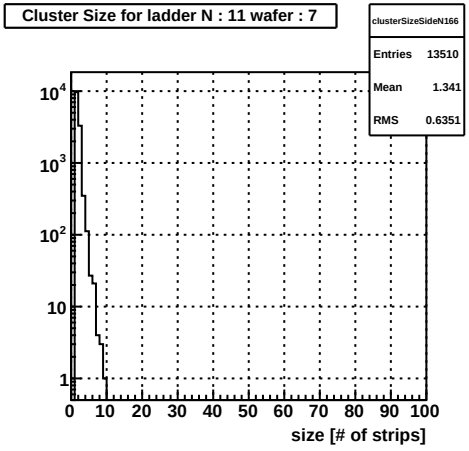

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 14515
Mean 1.377
RMS 0.7168
size [# of strips]

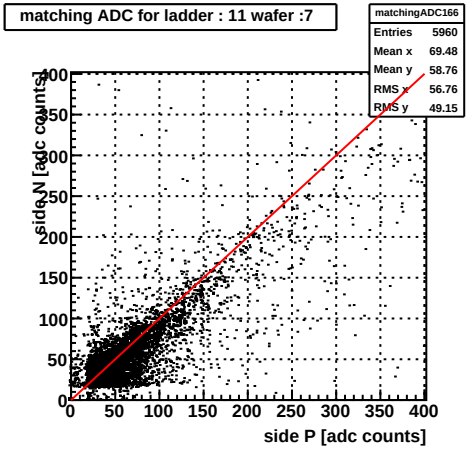

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 7505
Mean x 79.41
Mean y 72.05
RMS x 59.68
RMS y 56.97
side N [adc counts]
side P [adc counts]

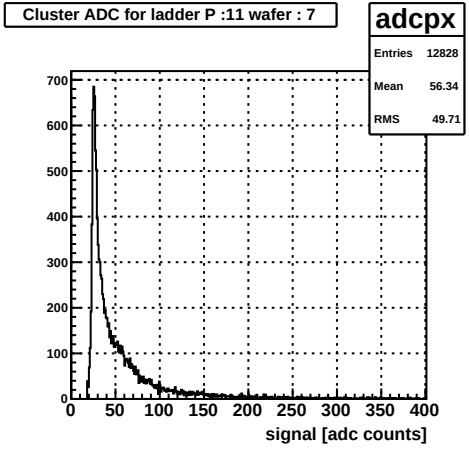

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 11139
Mean 66.41
RMS 57.94
signal [adc counts]

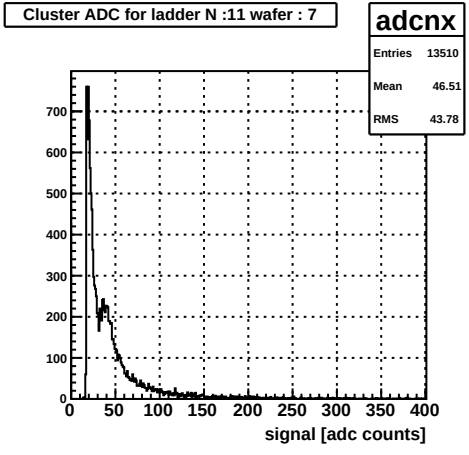

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 14515
Mean 55.49
RMS 51.04
signal [adc counts]

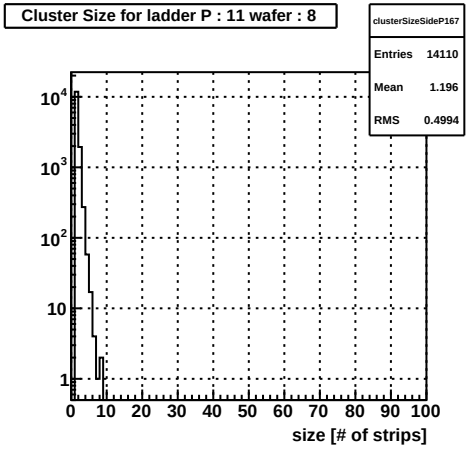

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 12828
Mean 1.181
RMS 0.481
size [# of strips]

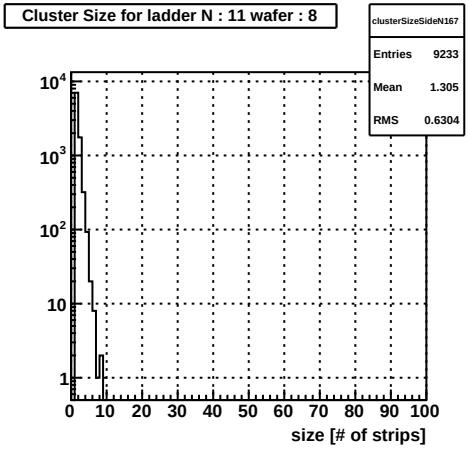

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 13510
Mean 1.341
RMS 0.6351
size [# of strips]

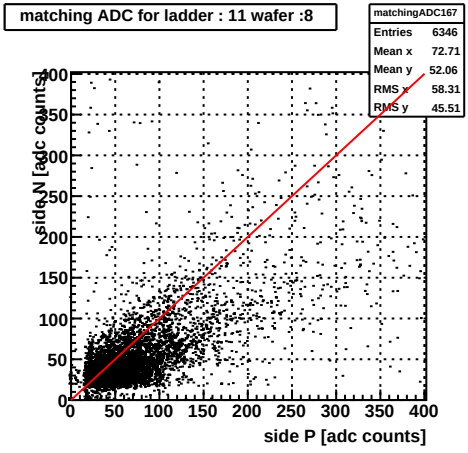

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 5960
Mean x 69.48
Mean y 58.76
RMS x 56.76
RMS y 49.15
side N [adc counts]
side P [adc counts]

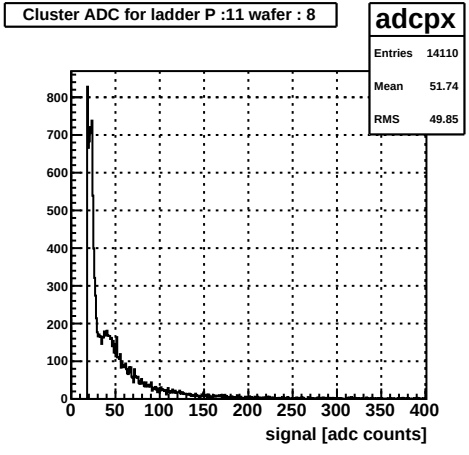

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 12828
Mean 56.34
RMS 49.71
signal [adc counts]

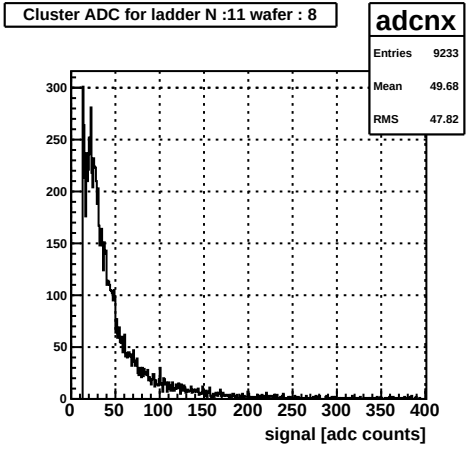

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 13510
Mean 46.51
RMS 43.78
signal [adc counts]

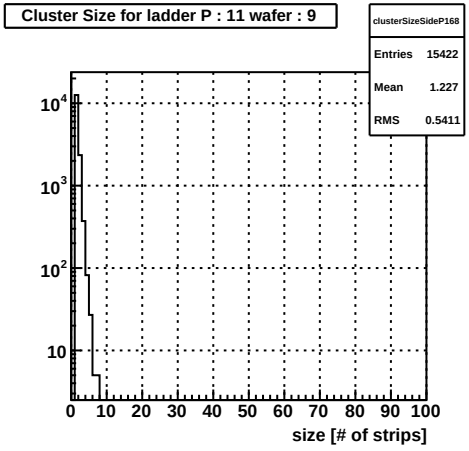

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 14110
Mean 1.196
RMS 0.4994
size [# of strips]

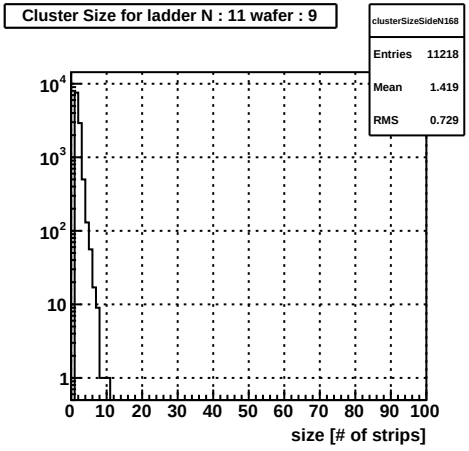

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 9233
Mean 1.305
RMS 0.6304
size [# of strips]

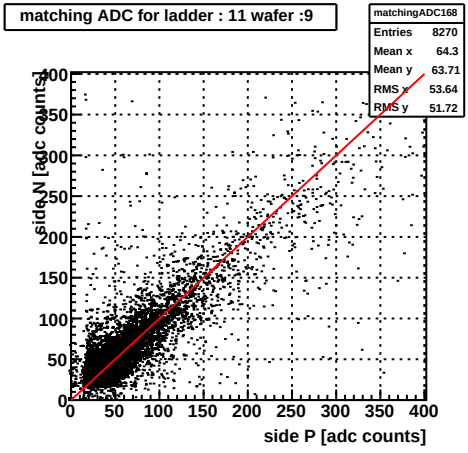

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 6346
Mean x 72.71
Mean y 52.06
RMS x 58.31
RMS y 45.51
side N [adc counts]
side P [adc counts]

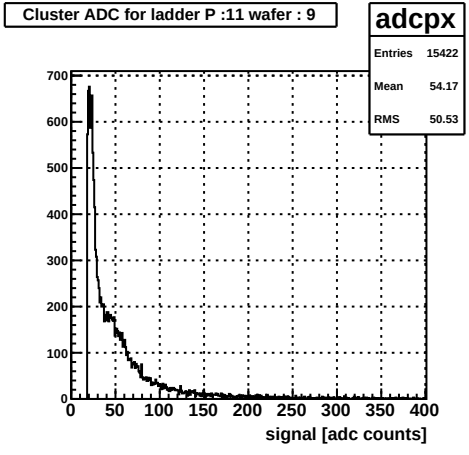

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 14110
Mean 51.74
RMS 49.85
signal [adc counts]

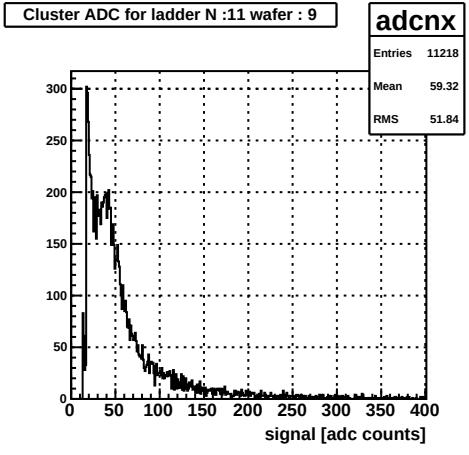

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 9233
Mean 49.68
RMS 47.82
signal [adc counts]

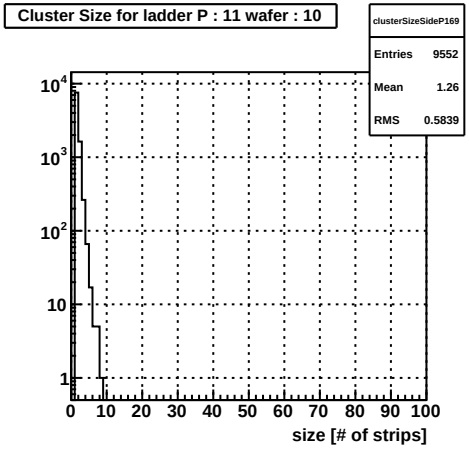

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 15422
Mean 1.227
RMS 0.5411
size [# of strips]

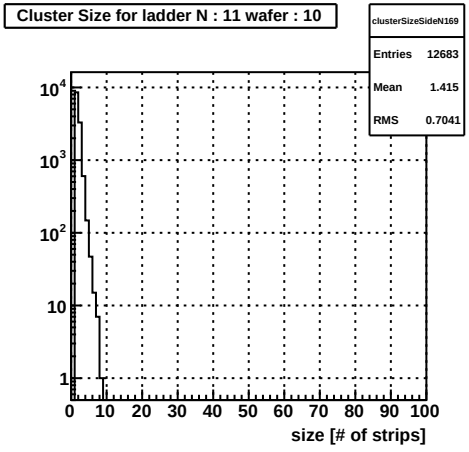

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 11218
Mean 1.419
RMS 0.729
size [# of strips]

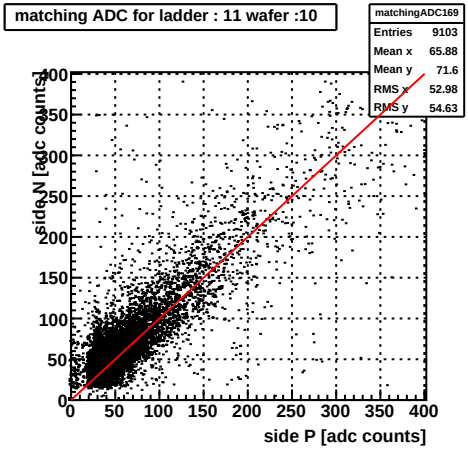

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 8270
Mean x 64.3
Mean y 63.71
RMS x 53.64
RMS y 51.72
side N [adc counts]
side P [adc counts]

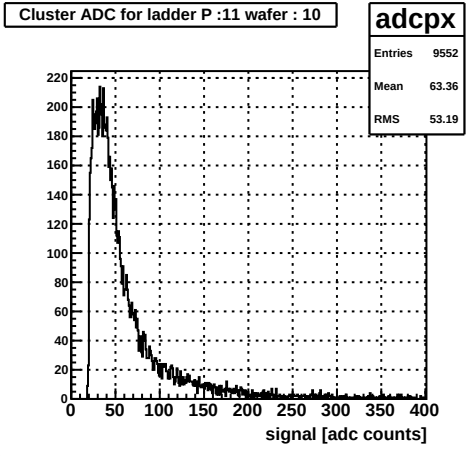

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 15422
Mean 54.17
RMS 50.53
signal [adc counts]

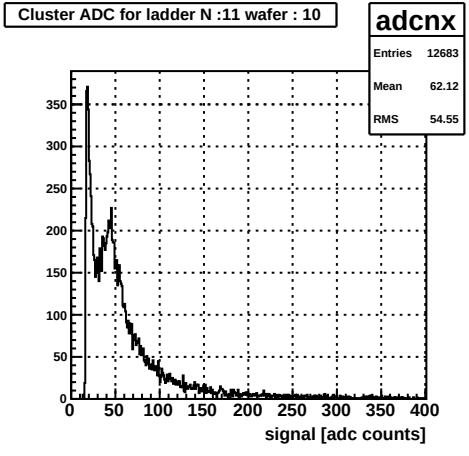

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 11218
Mean 59.32
RMS 51.84
signal [adc counts]

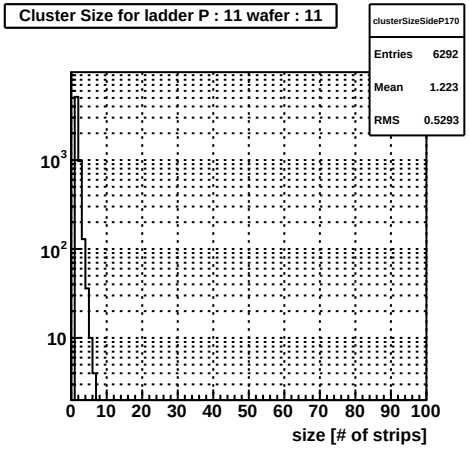

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 9552
Mean 1.26
RMS 0.5839
size [# of strips]

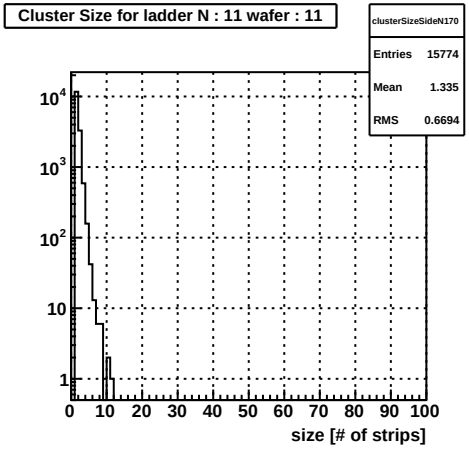

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 12683
Mean 1.415
RMS 0.7041
size [# of strips]

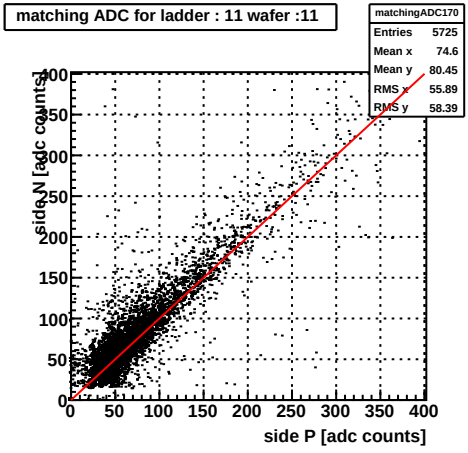

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 9103
Mean x 65.88
Mean y 71.6
RMS x 52.98
RMS y 54.63
side N [adc counts]
side P [adc counts]

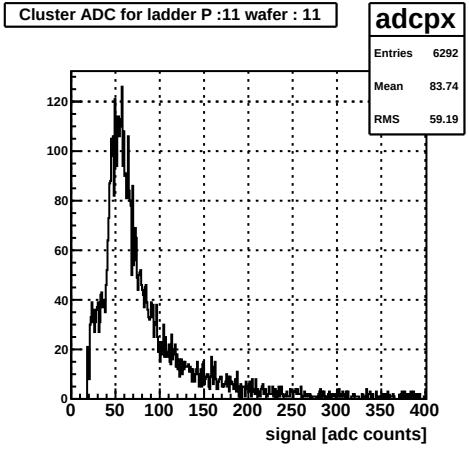

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 9552
Mean 63.36
RMS 53.19
signal [adc counts]

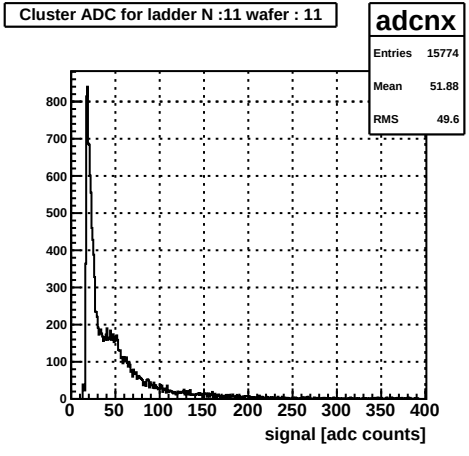

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 12683
Mean 62.12
RMS 54.55
signal [adc counts]

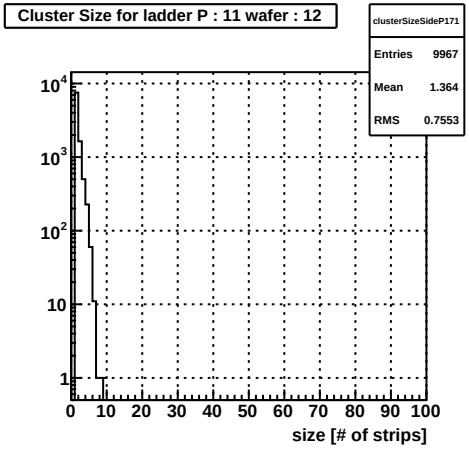

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 6292
Mean 1.223
RMS 0.5293
size [# of strips]

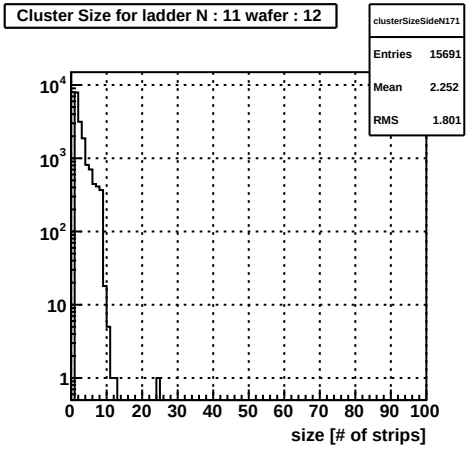

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 15774
Mean 1.335
RMS 0.6694
size [# of strips]

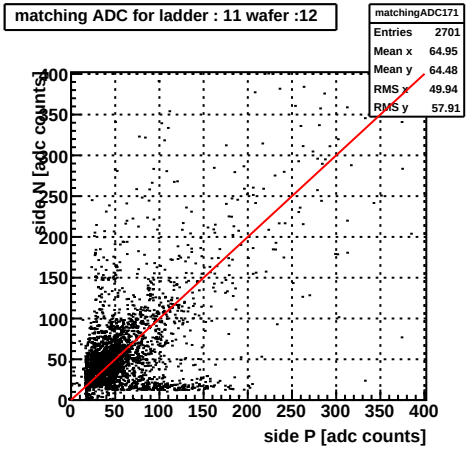

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 5725
Mean x 74.6
Mean y 80.45
RMS x 55.89
RMS y 58.39
side N [adc counts]
side P [adc counts]

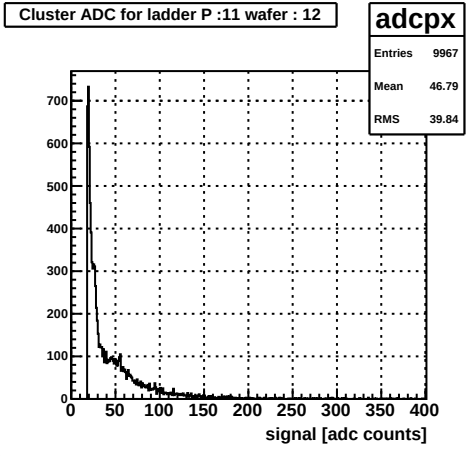

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 6292
Mean 83.74
RMS 59.19
signal [adc counts]

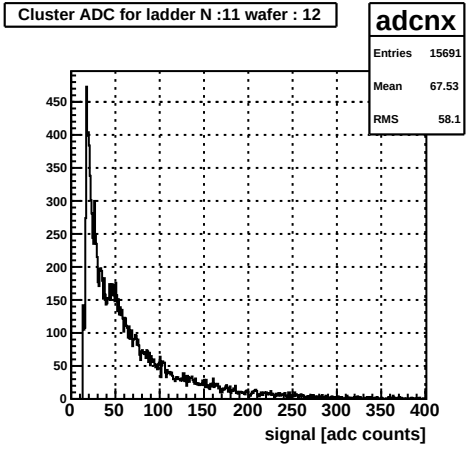

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 15774
Mean 51.88
RMS 49.6
signal [adc counts]

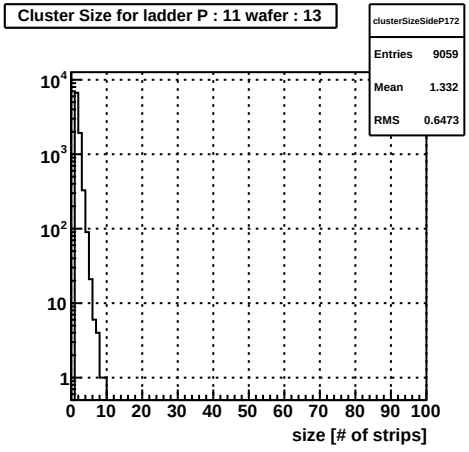

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9967
Mean 1.364
RMS 0.7553
size [# of strips]

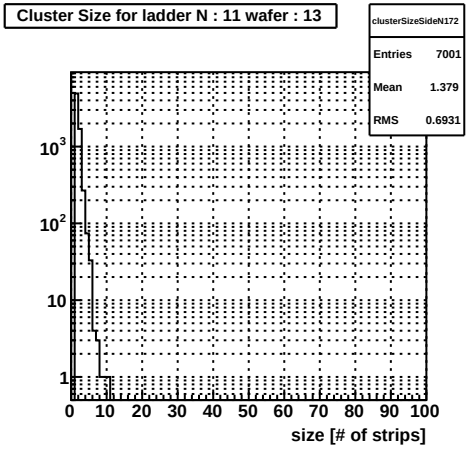

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15691
Mean 2.252
RMS 1.801
size [# of strips]

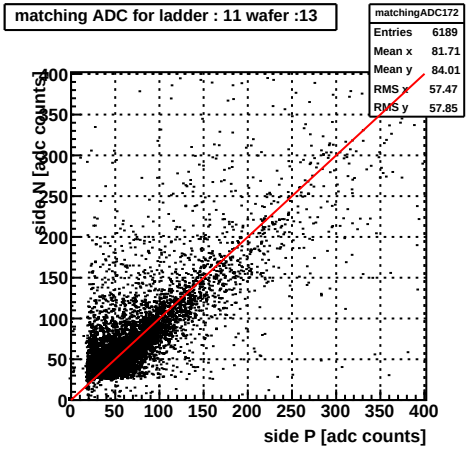

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 2701
Mean x 64.95
Mean y 64.48
RMS x 49.94
RMS y 57.91
side N [adc counts]
side P [adc counts]

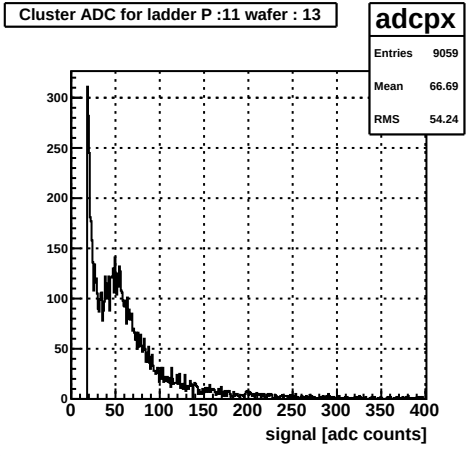

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9967
Mean 46.79
RMS 39.84
signal [adc counts]

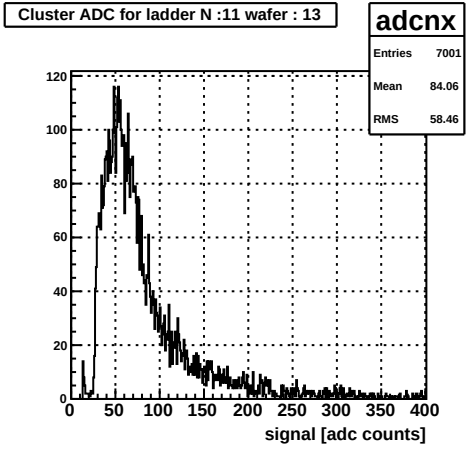

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15691
Mean 67.53
RMS 58.1
signal [adc counts]

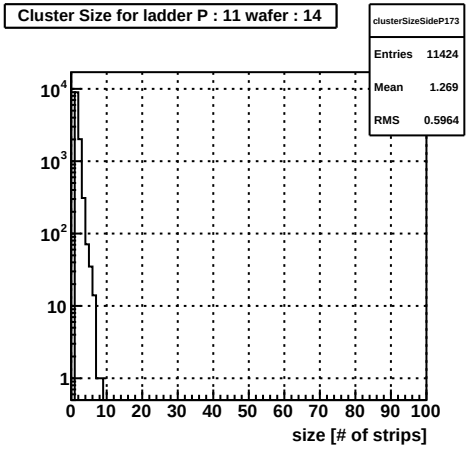

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 9059
Mean 1.332
RMS 0.6473
size [# of strips]

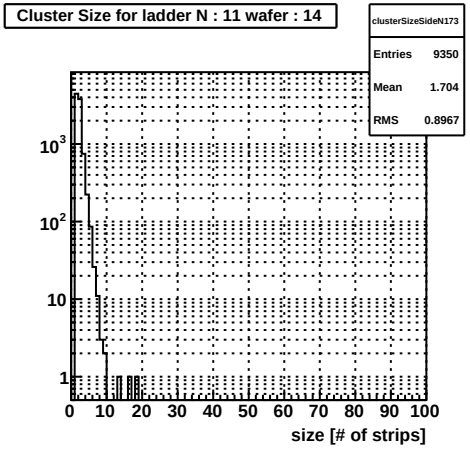

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 7001
Mean 1.379
RMS 0.6931
size [# of strips]

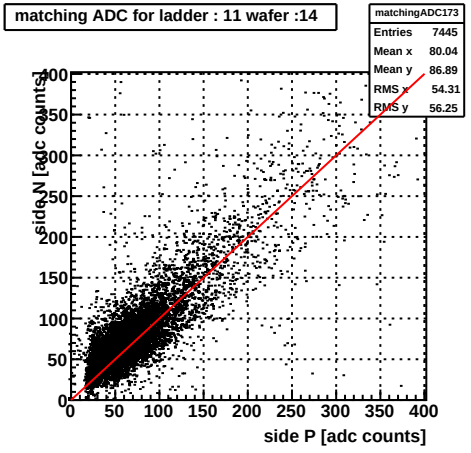

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 6189
Mean x 81.71
Mean y 84.01
RMS x 57.47
RMS y 57.85
side N [adc counts]
side P [adc counts]

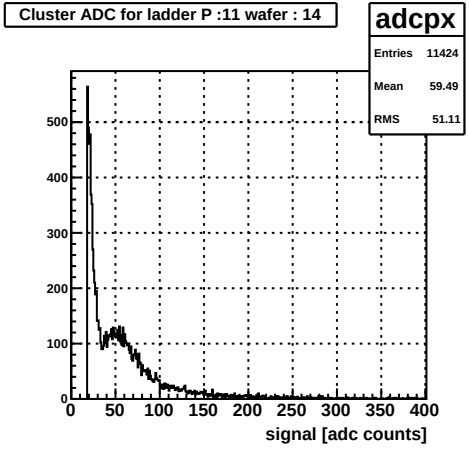

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 9059
Mean 66.69
RMS 54.24
signal [adc counts]

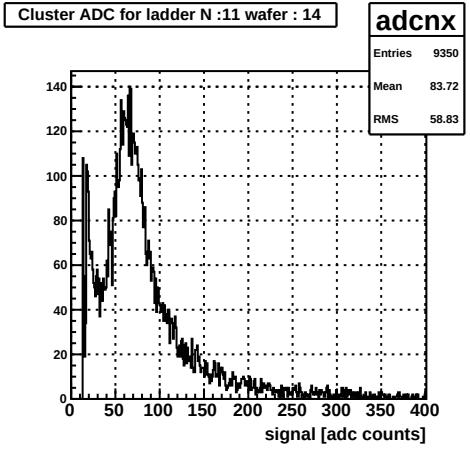

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 7001
Mean 84.06
RMS 58.46
signal [adc counts]

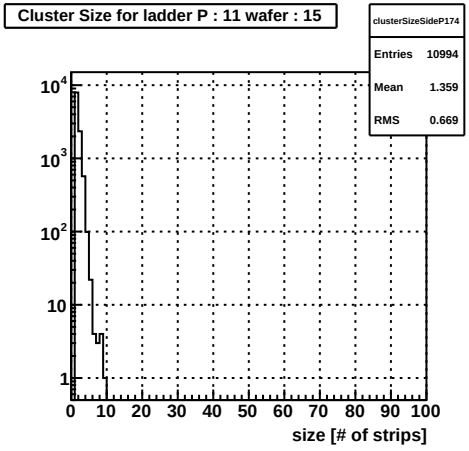

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 11424
Mean 1.269
RMS 0.5964
size [# of strips]

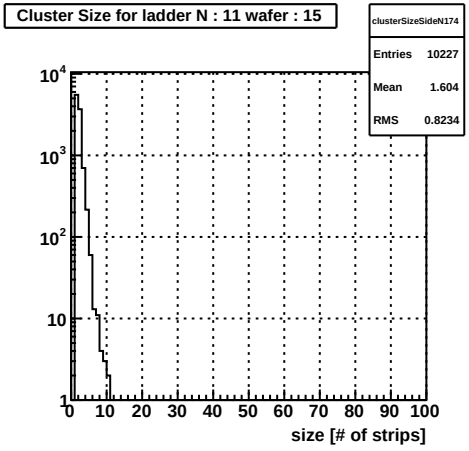

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 9350
Mean 1.704
RMS 0.8967
size [# of strips]

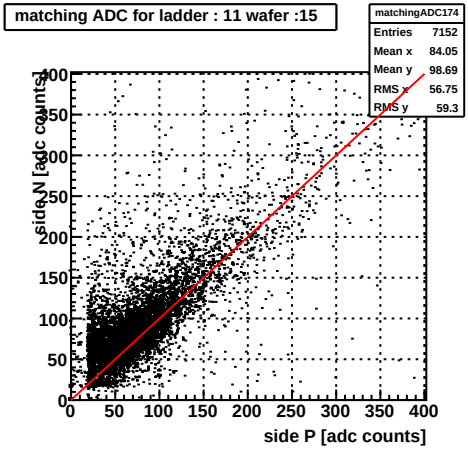

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 7445
Mean x 80.04
Mean y 86.89
RMS x 54.31
RMS y 56.25
side N [adc counts]
side P [adc counts]

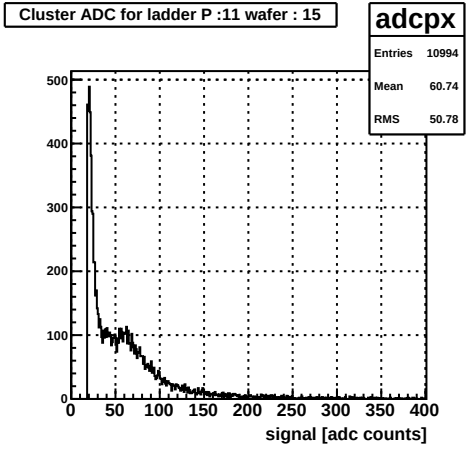

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 11424
Mean 59.49
RMS 51.11
signal [adc counts]

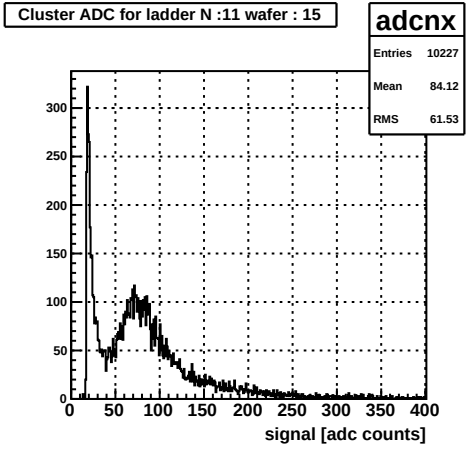

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 9350
Mean 83.72
RMS 58.83
signal [adc counts]

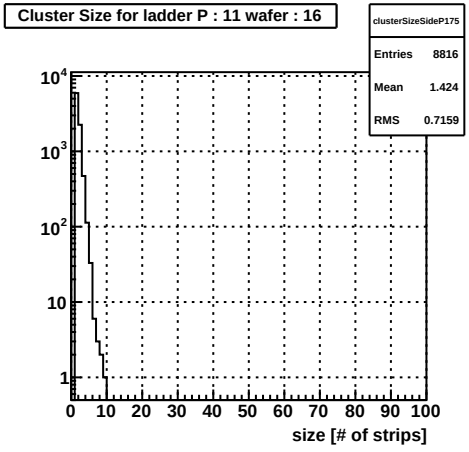

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 10994
Mean 1.359
RMS 0.669
size [# of strips]

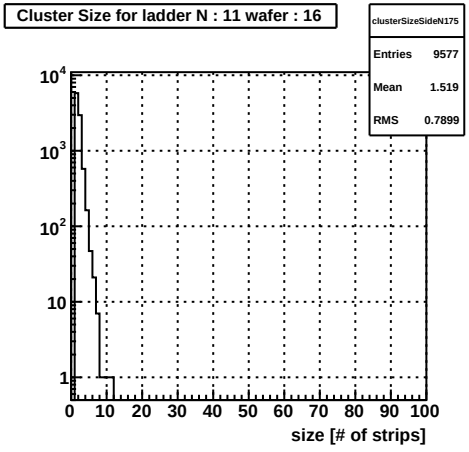

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 10227
Mean 1.604
RMS 0.8234
size [# of strips]

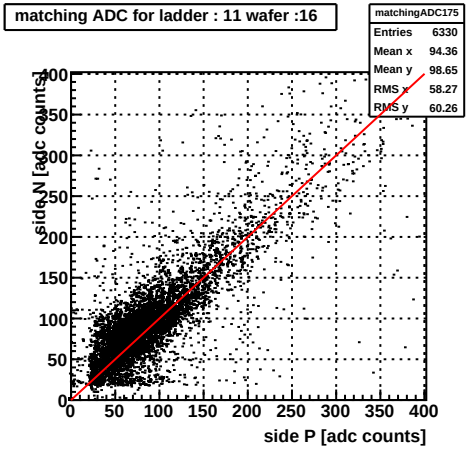

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 7152
Mean x 84.05
Mean y 98.69
RMS x 56.75
RMS y 59.3
side N [adc counts]
side P [adc counts]

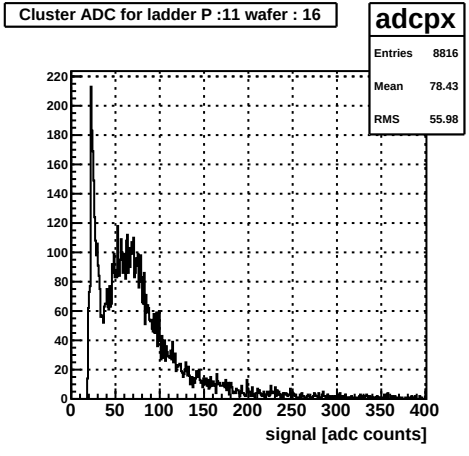

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 10994
Mean 60.74
RMS 50.78
signal [adc counts]

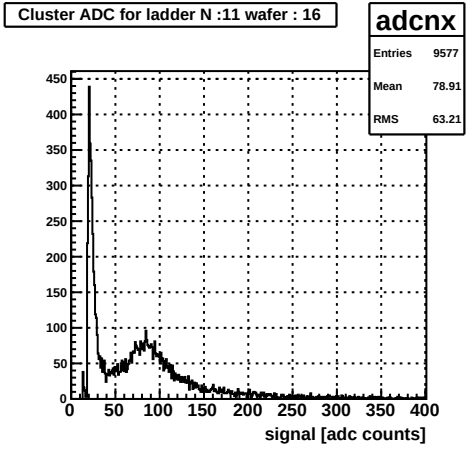

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 10227
Mean 84.12
RMS 61.53
signal [adc counts]

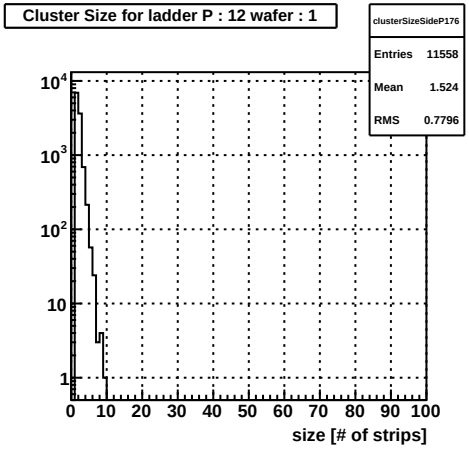

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 8816
Mean 1.424
RMS 0.7159
size [# of strips]

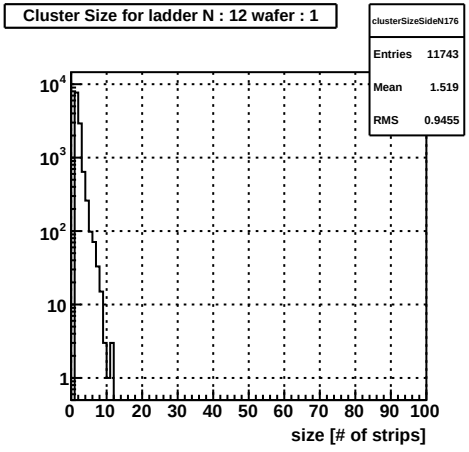

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 9577
Mean 1.519
RMS 0.7899
size [# of strips]

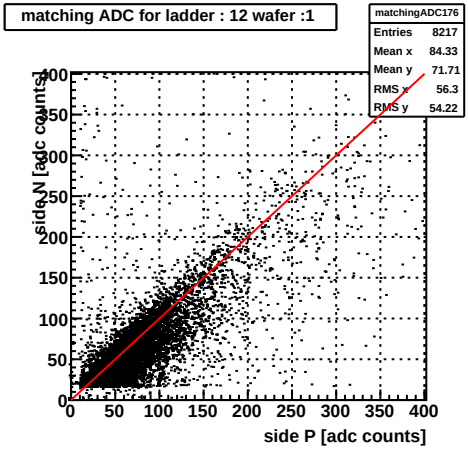

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 6330
Mean x 94.36
Mean y 98.65
RMS x 58.27
RMS y 60.26
side N [adc counts]
side P [adc counts]

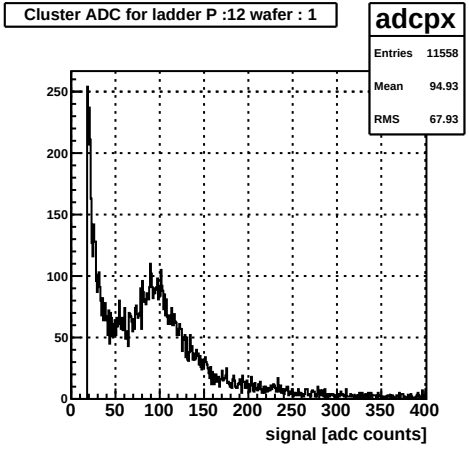

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 8816
Mean 78.43
RMS 55.98
signal [adc counts]

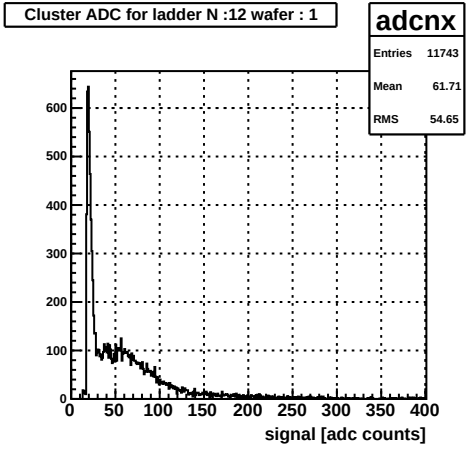

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 9577
Mean 78.91
RMS 63.21
signal [adc counts]

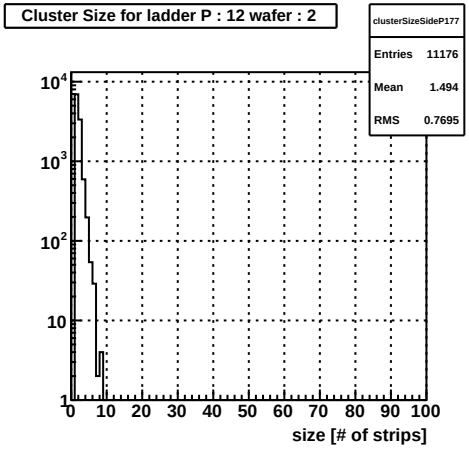

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 11558
Mean 1.524
RMS 0.7796
size [# of strips]

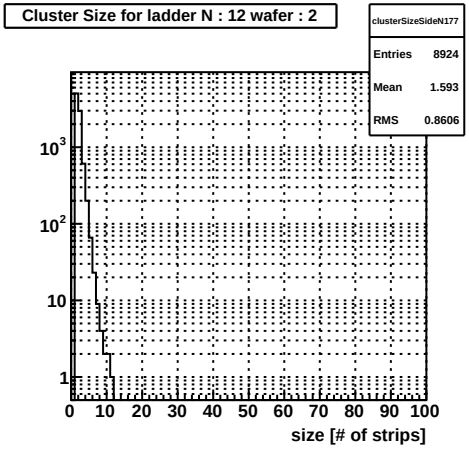

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 11743
Mean 1.519
RMS 0.9455
size [# of strips]

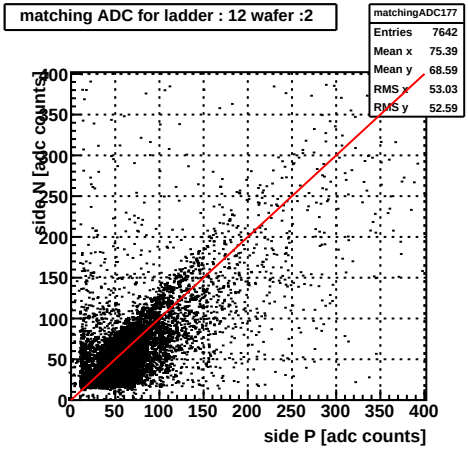

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 8217
Mean x 84.33
Mean y 71.71
RMS x 56.3
RMS y 54.22
side N [adc counts]
side P [adc counts]

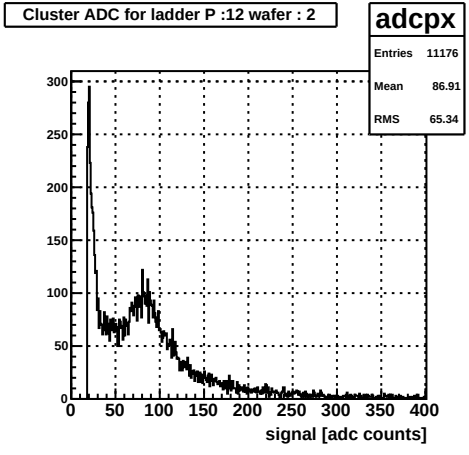

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 11558
Mean 94.93
RMS 67.93
signal [adc counts]

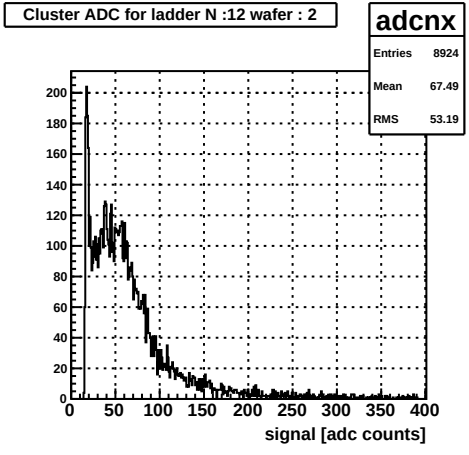

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 11743
Mean 61.71
RMS 54.65
signal [adc counts]

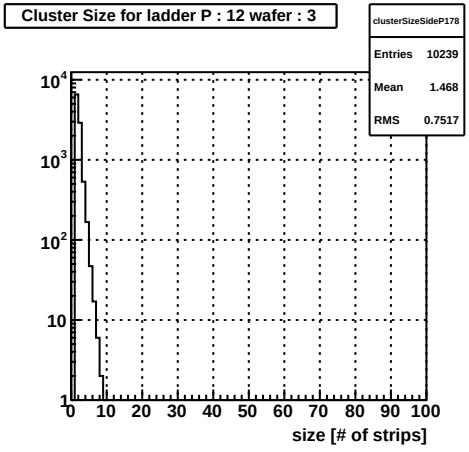

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 11176
Mean 1.494
RMS 0.7695
size [# of strips]

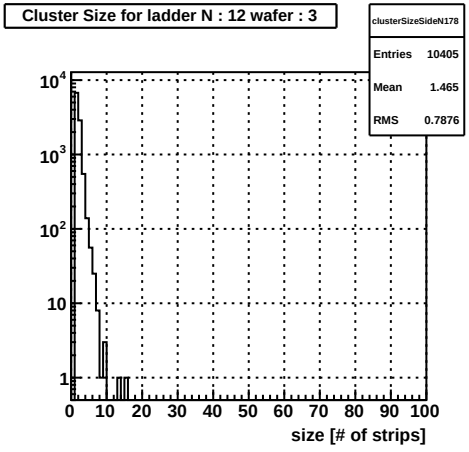

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 8924
Mean 1.593
RMS 0.8606
size [# of strips]

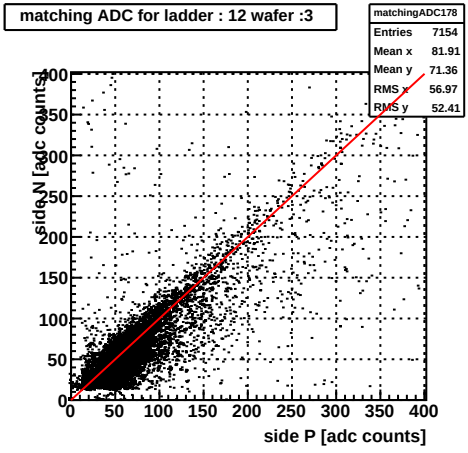

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 7642
Mean x 75.39
Mean y 68.59
RMS x 53.03
RMS y 52.59
side N [adc counts]
side P [adc counts]

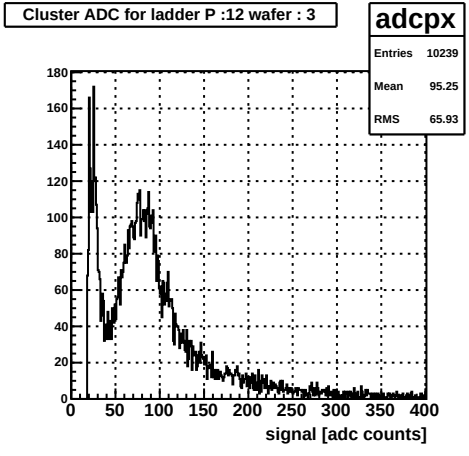

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 11176
Mean 86.91
RMS 65.34
signal [adc counts]

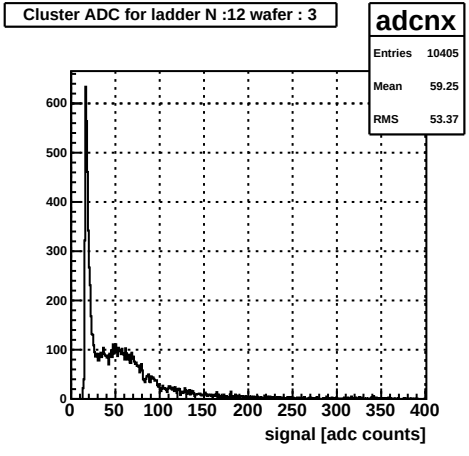

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 8924
Mean 67.49
RMS 53.19
signal [adc counts]

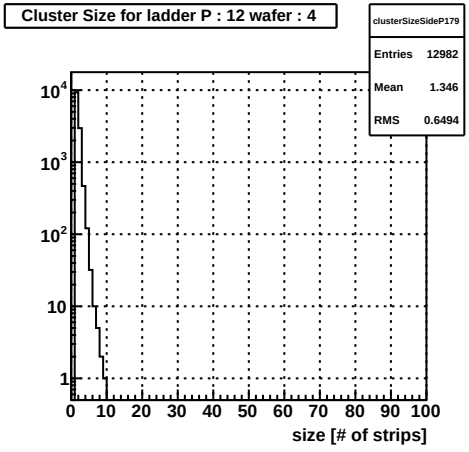

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 10239
Mean 1.468
RMS 0.7517
size [# of strips]

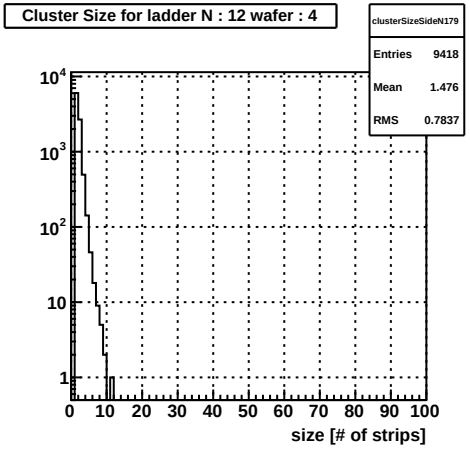

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 10405
Mean 1.465
RMS 0.7876
size [# of strips]

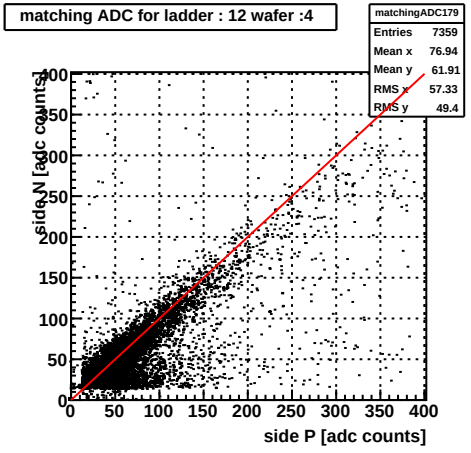

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 7154
Mean x 81.91
Mean y 71.36
RMS x 56.97
RMS y 52.41
side N [adc counts]
side P [adc counts]

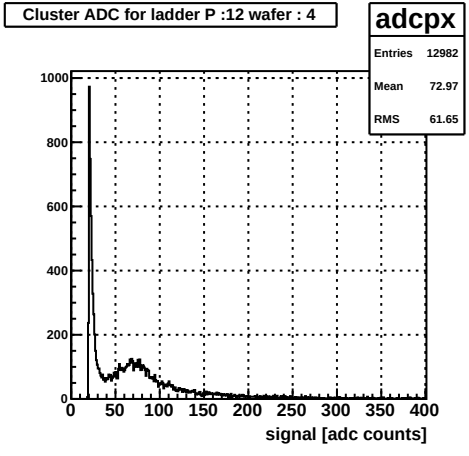

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 10239
Mean 95.25
RMS 65.93
signal [adc counts]

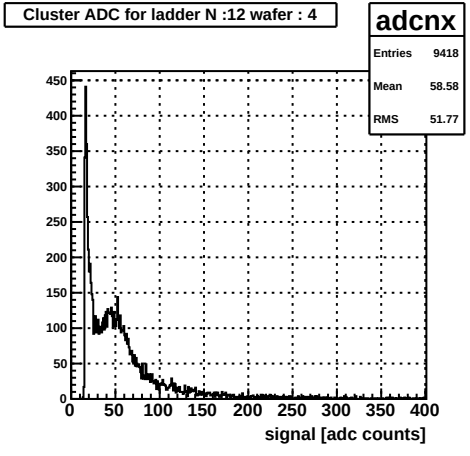

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 10405
Mean 59.25
RMS 53.37
signal [adc counts]

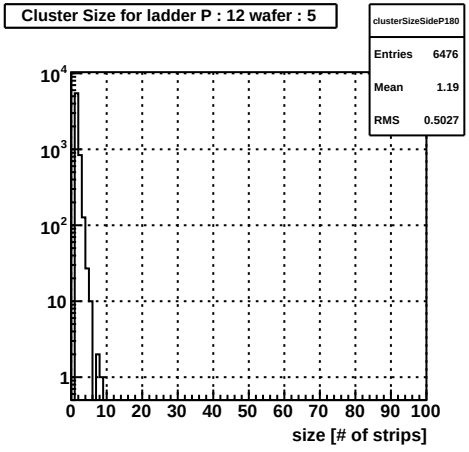

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 12982
Mean 1.346
RMS 0.6494
size [# of strips]

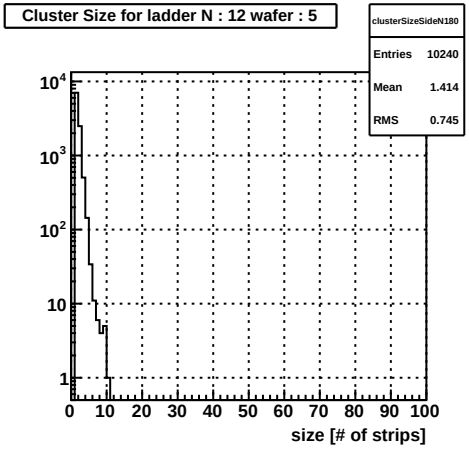

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 9418
Mean 1.476
RMS 0.7837
size [# of strips]

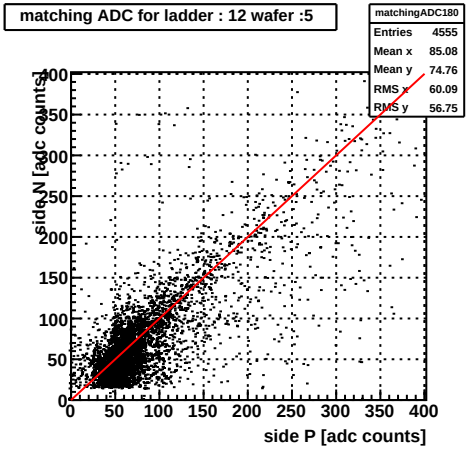

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 7359
Mean x 76.94
Mean y 61.91
RMS x 57.33
RMS y 49.4
side N [adc counts]
side P [adc counts]

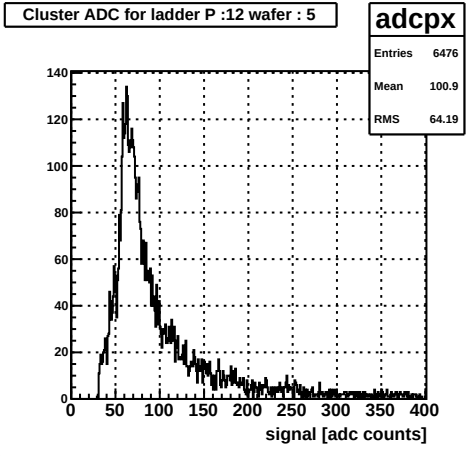

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 12982
Mean 72.97
RMS 61.65
signal [adc counts]

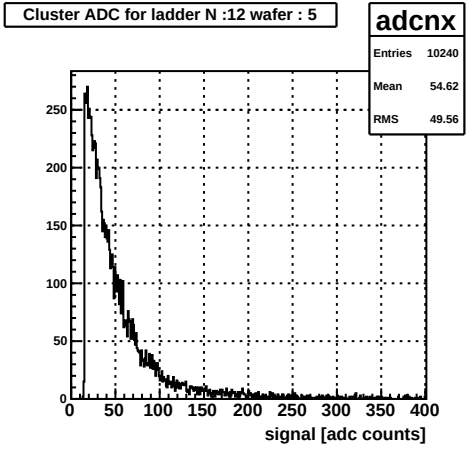

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 9418
Mean 58.58
RMS 51.77
signal [adc counts]

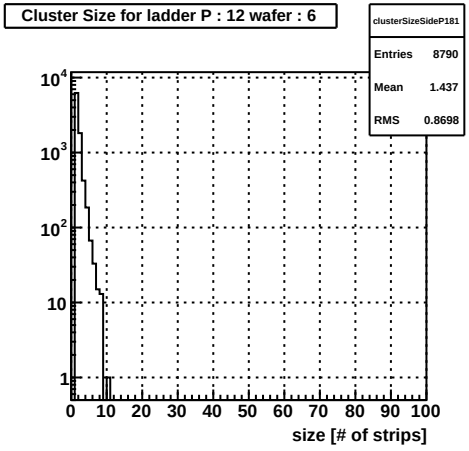

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 6476
Mean 1.19
RMS 0.5027
size [# of strips]

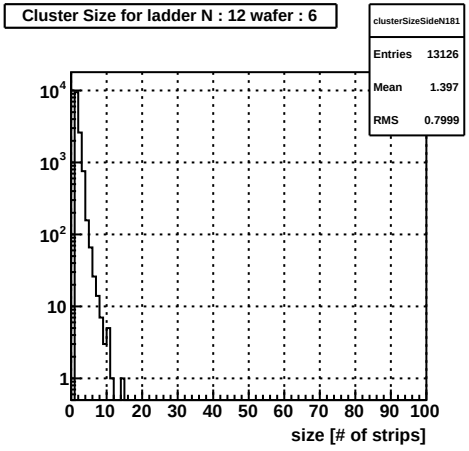

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 10240
Mean 1.414
RMS 0.745
size [# of strips]

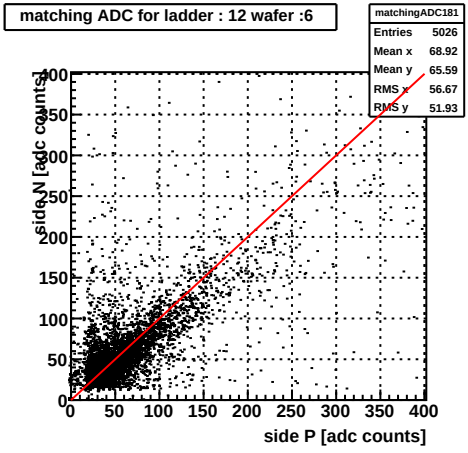

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 4555
Mean x 85.08
Mean y 74.76
RMS x 60.09
RMS y 56.75
side N [adc counts]
side P [adc counts]

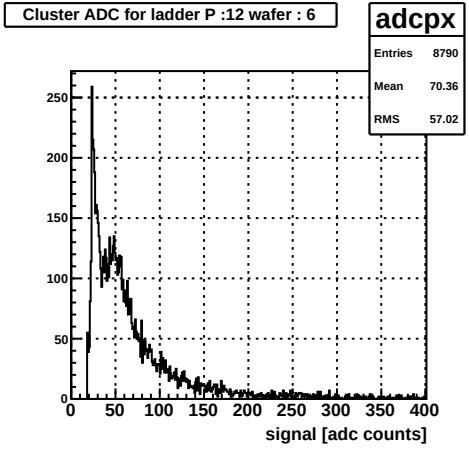

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 6476
Mean 100.9
RMS 64.19
signal [adc counts]

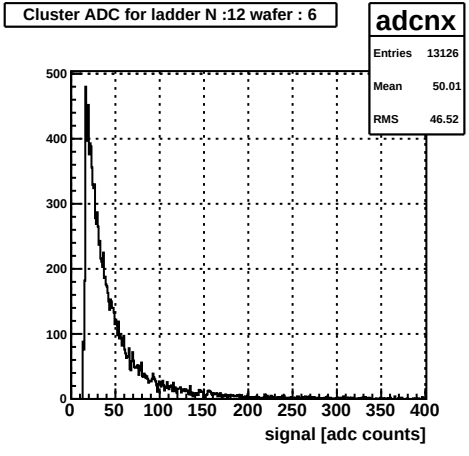

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 10240
Mean 54.62
RMS 49.56
signal [adc counts]

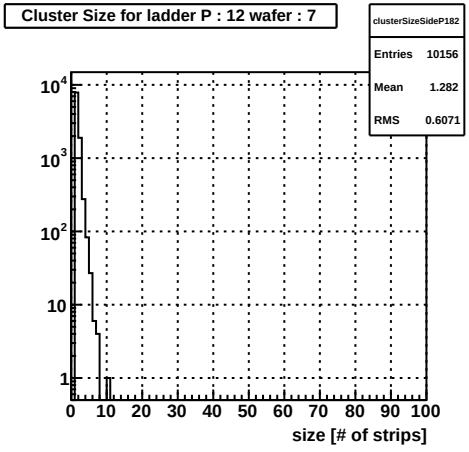

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 8790
Mean 1.437
RMS 0.8698
size [# of strips]

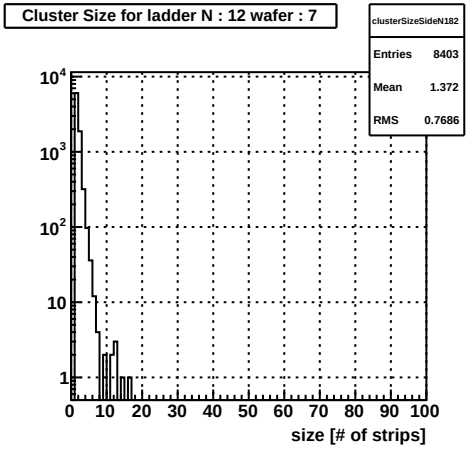

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 13126
Mean 1.397
RMS 0.7999
size [# of strips]

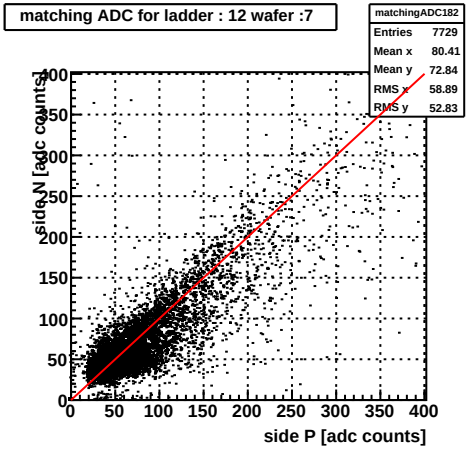

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 5026
Mean x 68.92
Mean y 65.59
RMS x 56.67
RMS y 51.93
side N [adc counts]
side P [adc counts]

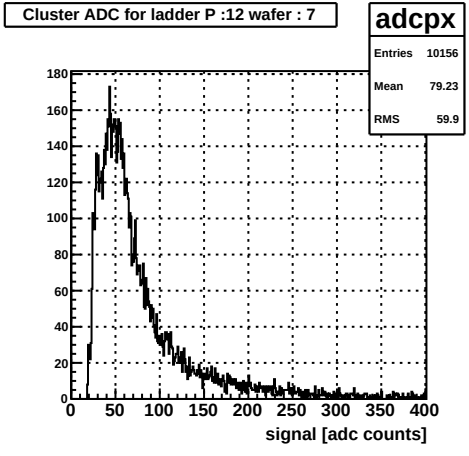

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 8790
Mean 70.36
RMS 57.02
signal [adc counts]

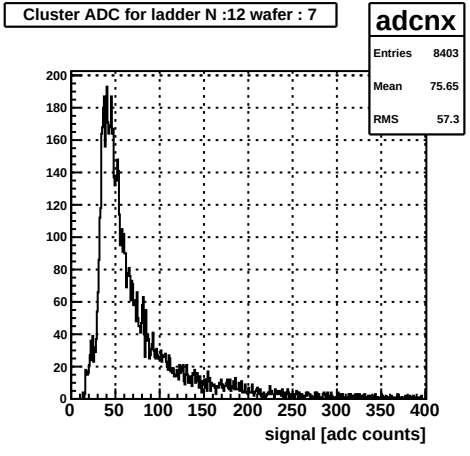

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 13126
Mean 50.01
RMS 46.52
signal [adc counts]

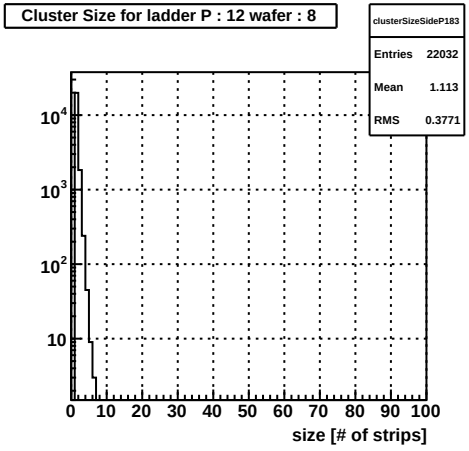

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 10156
Mean 1.282
RMS 0.6071
size [# of strips]

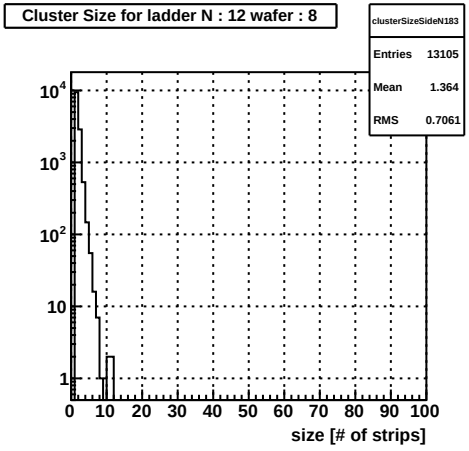

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8403
Mean 1.372
RMS 0.7686
size [# of strips]

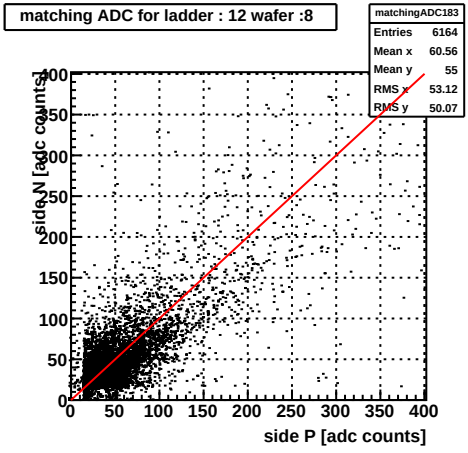

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 7729
Mean x 80.41
Mean y 72.84
RMS x 58.89
RMS y 52.83
side N [adc counts]
side P [adc counts]

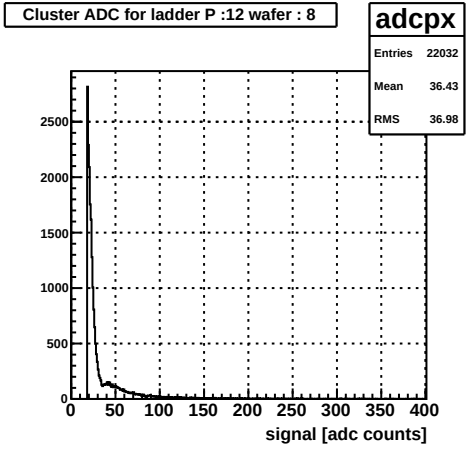

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 10156
Mean 79.23
RMS 59.9
signal [adc counts]

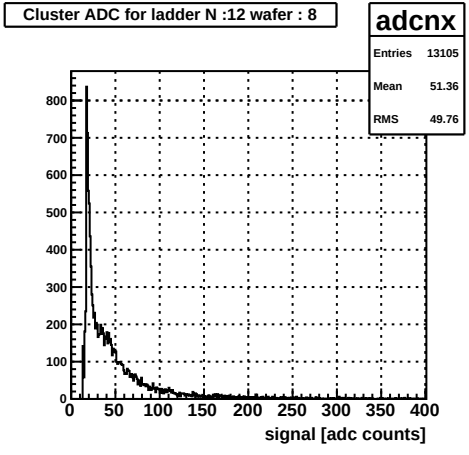

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8403
Mean 75.65
RMS 57.3
signal [adc counts]

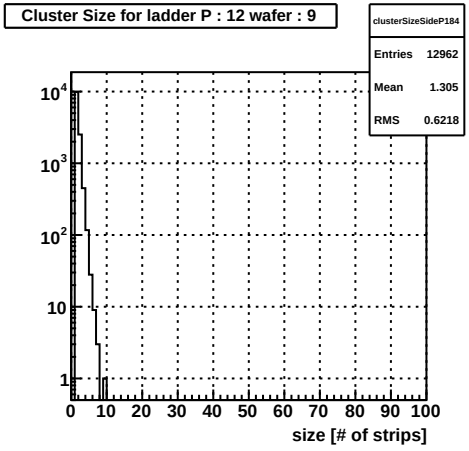

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 22032
Mean 1.113
RMS 0.3771
size [# of strips]

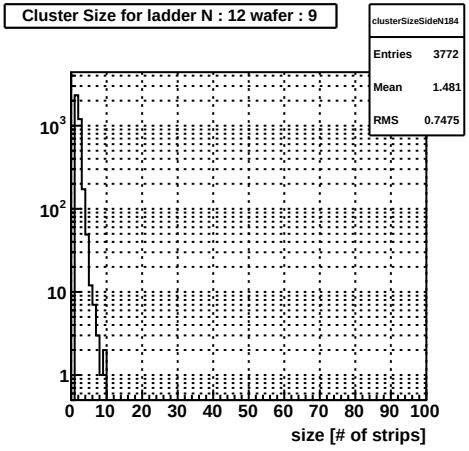

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 13105
Mean 1.364
RMS 0.7061
size [# of strips]

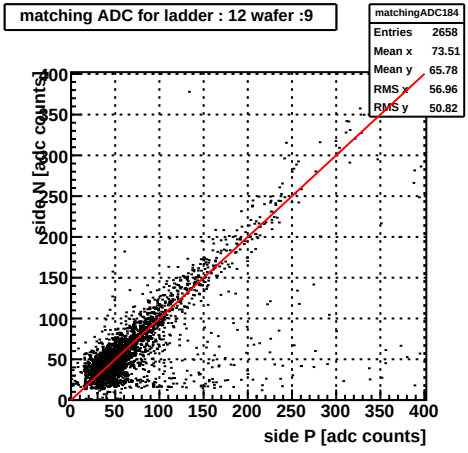

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6164
Mean x 60.56
Mean y 55
RMS x 53.12
RMS y 50.07
side N [adc counts]
side P [adc counts]

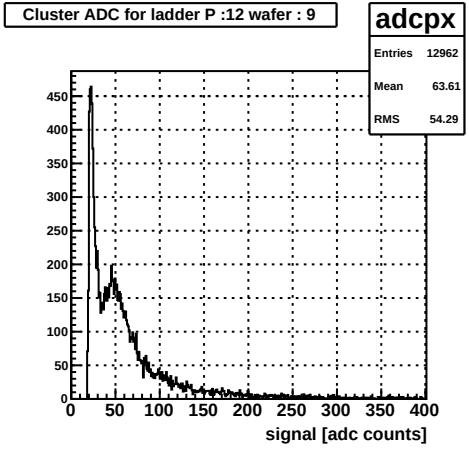

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 22032
Mean 36.43
RMS 36.98
signal [adc counts]

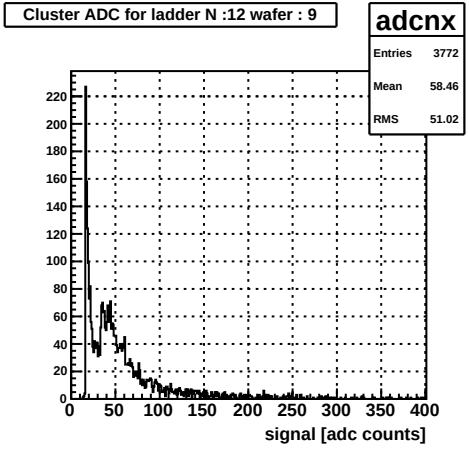

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 13105
Mean 51.36
RMS 49.76
signal [adc counts]

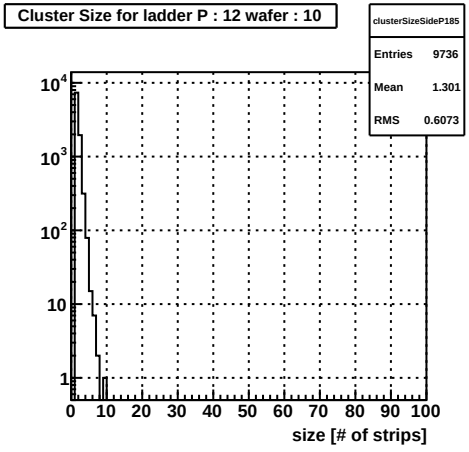

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 12962
Mean 1.305
RMS 0.6218
size [# of strips]

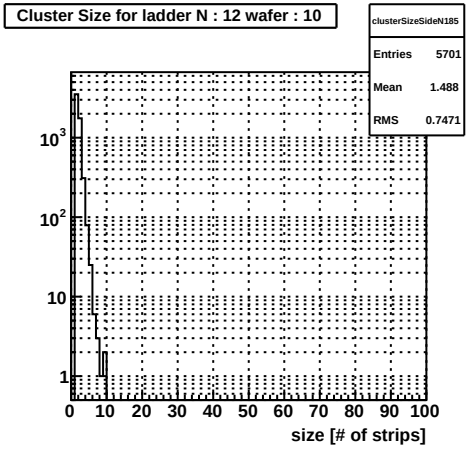

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3772
Mean 1.481
RMS 0.7475
size [# of strips]

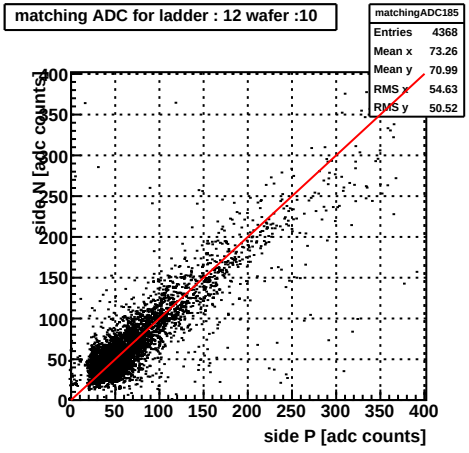

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 2658
Mean x 73.51
Mean y 65.78
RMS x 56.96
RMS y 50.82
side N [adc counts]
side P [adc counts]

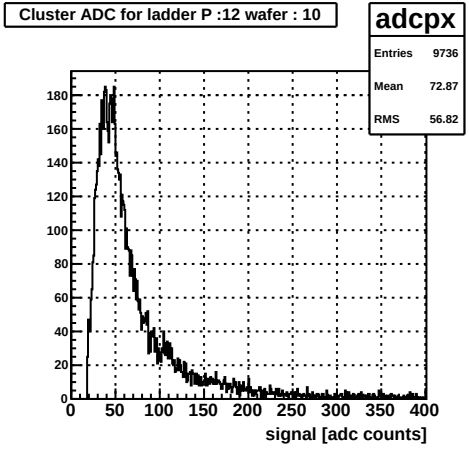

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 12962
Mean 63.61
RMS 54.29
signal [adc counts]

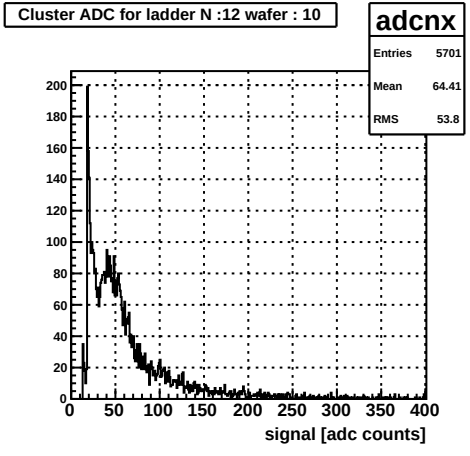

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3772
Mean 58.46
RMS 51.02
signal [adc counts]

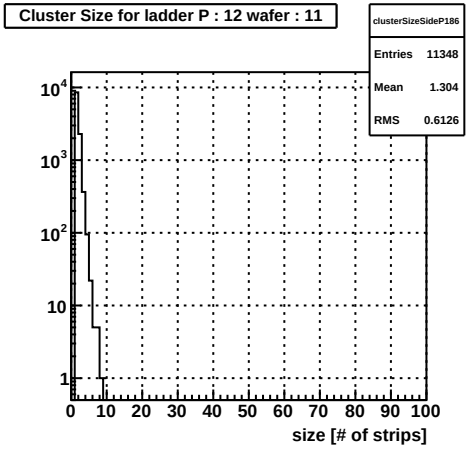

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 9736
Mean 1.301
RMS 0.6073
size [# of strips]

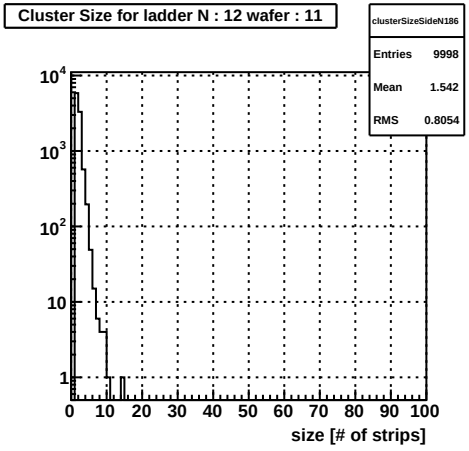

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5701
Mean 1.488
RMS 0.7471
size [# of strips]

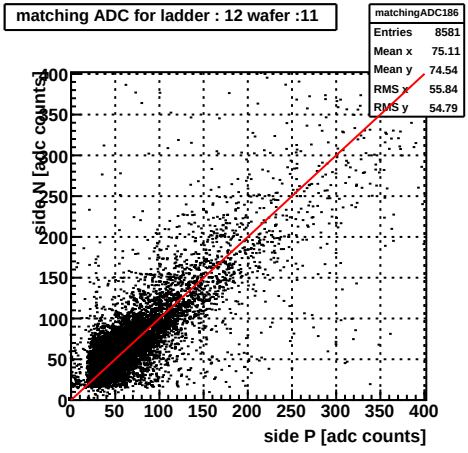

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 4368
Mean x 73.26
Mean y 70.99
RMS x 54.63
RMS y 50.52
side N [adc counts]
side P [adc counts]

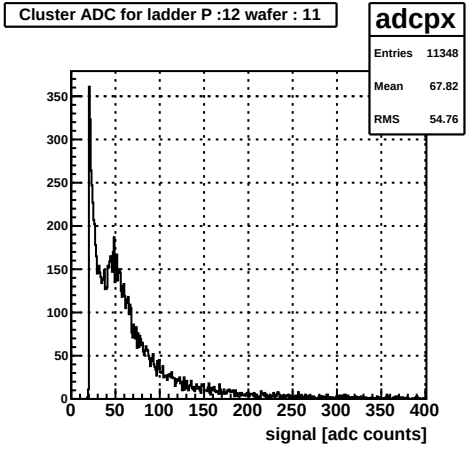

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 9736
Mean 72.87
RMS 56.82
signal [adc counts]

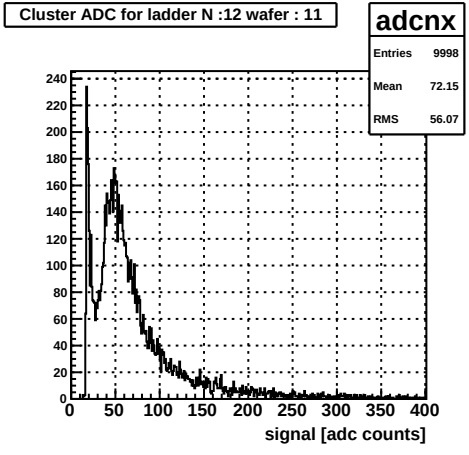

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5701
Mean 64.41
RMS 53.8
signal [adc counts]

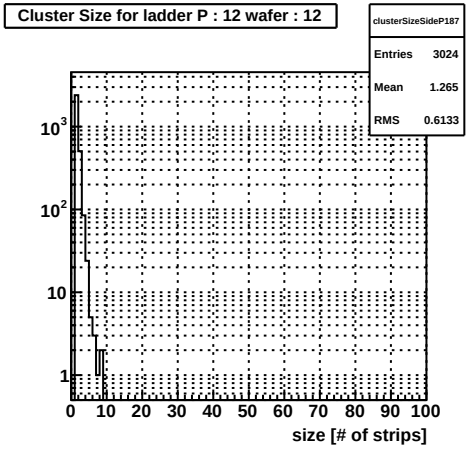

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 11348
Mean 1.304
RMS 0.6126
size [# of strips]

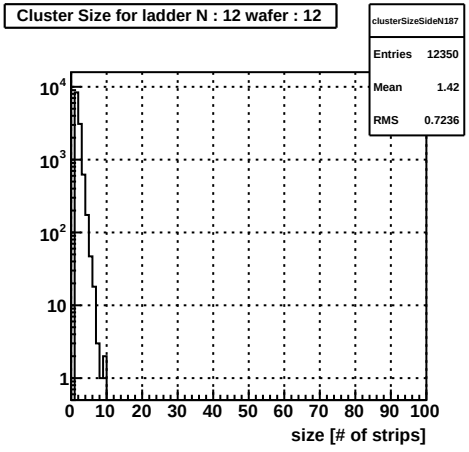

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 9998
Mean 1.542
RMS 0.8054
size [# of strips]

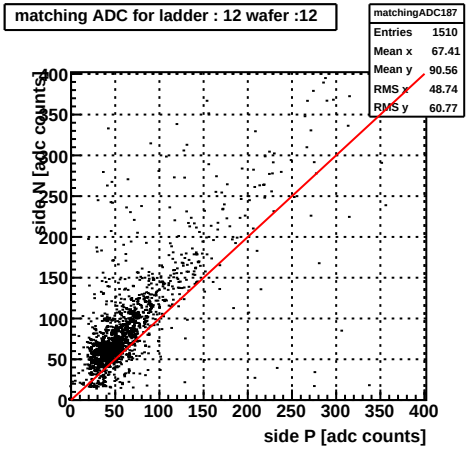

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 8581
Mean x 75.11
Mean y 74.54
RMS x 55.84
RMS y 54.79
side N [adc counts]
side P [adc counts]

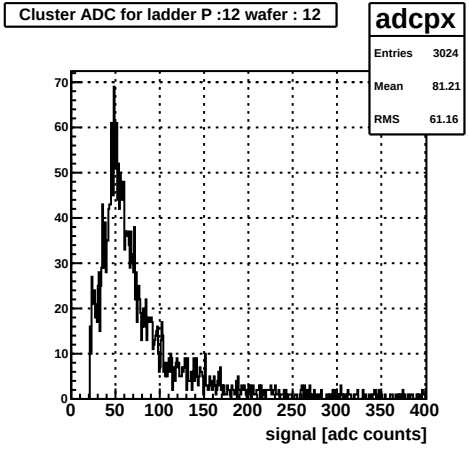

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 11348
Mean 67.82
RMS 54.76
signal [adc counts]

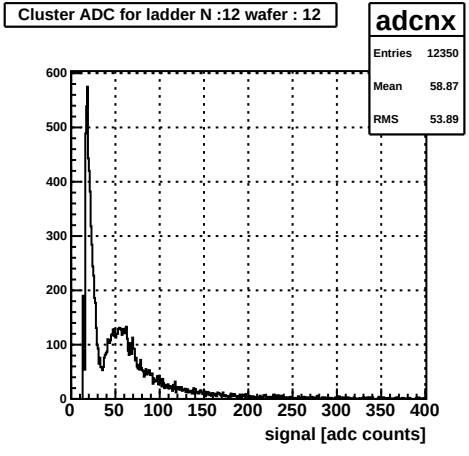

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 9998
Mean 72.15
RMS 56.07
signal [adc counts]

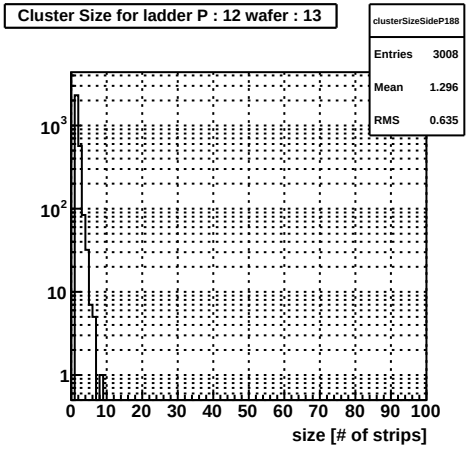

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 3024
Mean 1.265
RMS 0.6133
size [# of strips]

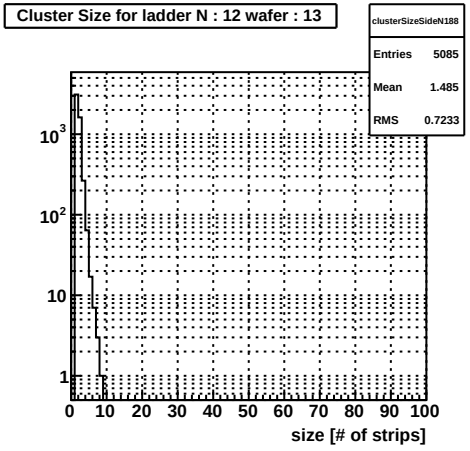

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 12350
Mean 1.42
RMS 0.7236
size [# of strips]

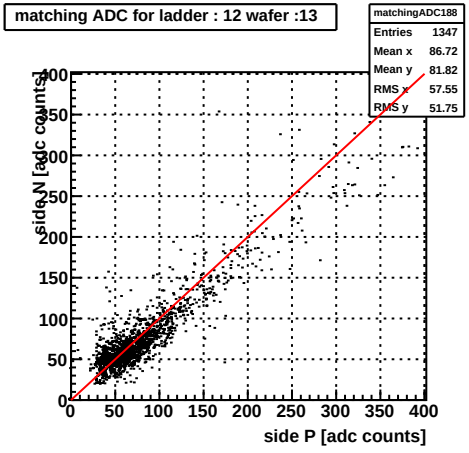

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1510
Mean x 67.41
Mean y 90.56
RMS x 48.74
RMS y 60.77
side N [adc counts]
side P [adc counts]

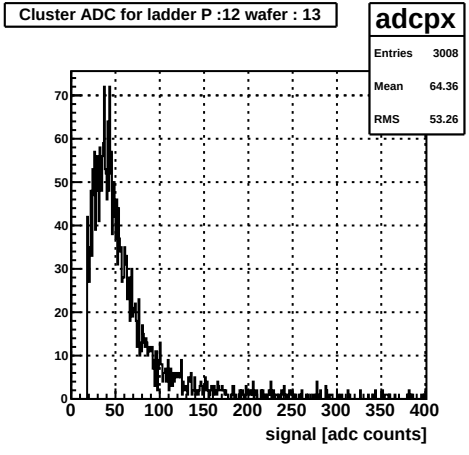

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 3024
Mean 81.21
RMS 61.16
signal [adc counts]

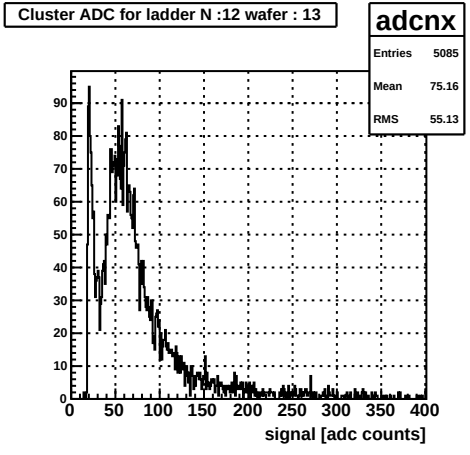

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 12350
Mean 58.87
RMS 53.89
signal [adc counts]

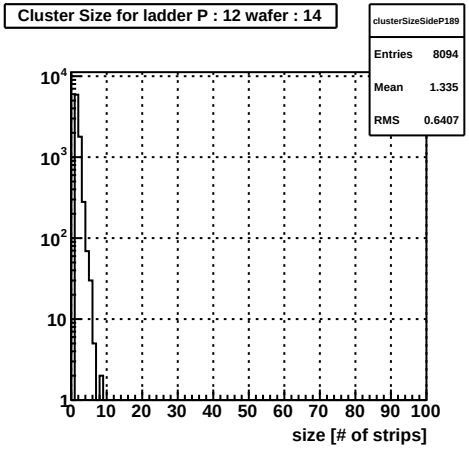

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 3008
Mean 1.296
RMS 0.635
size [# of strips]

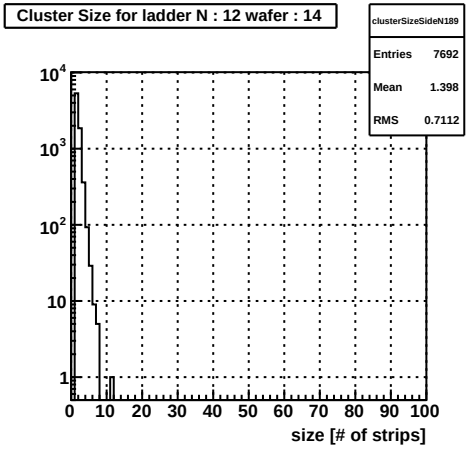

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 5085
Mean 1.485
RMS 0.7233
size [# of strips]

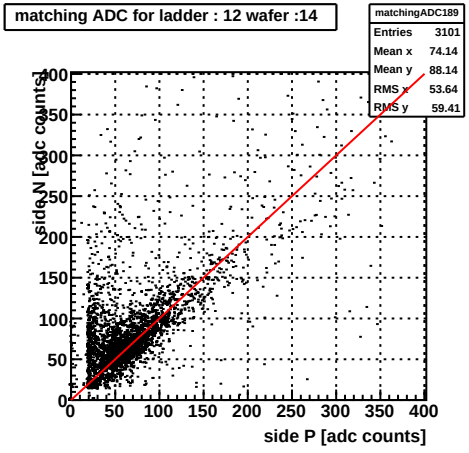

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1347
Mean x 86.72
Mean y 81.82
RMS x 57.55
RMS y 51.75
side N [adc counts]
side P [adc counts]

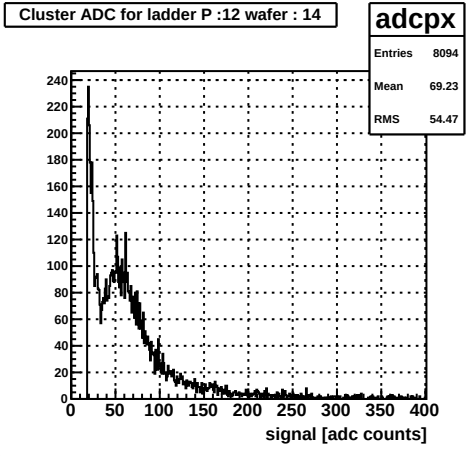

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 3008
Mean 64.36
RMS 53.26
signal [adc counts]

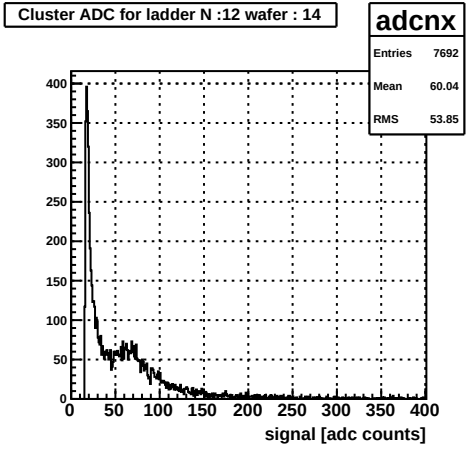

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 5085
Mean 75.16
RMS 55.13
signal [adc counts]

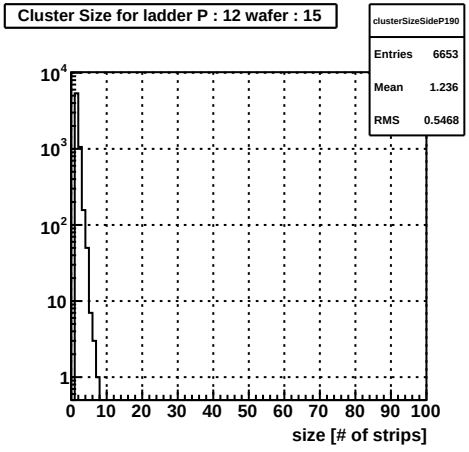

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 8094
Mean 1.335
RMS 0.6407
size [# of strips]

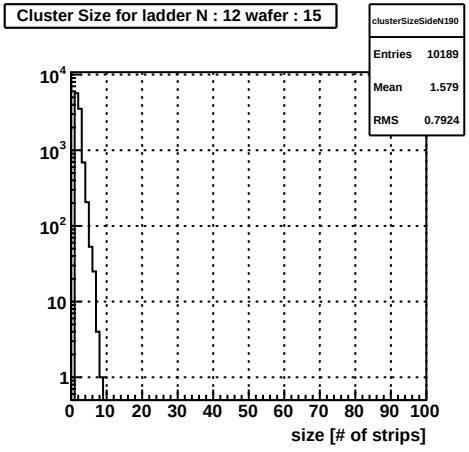

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 7692
Mean 1.398
RMS 0.7112
size [# of strips]

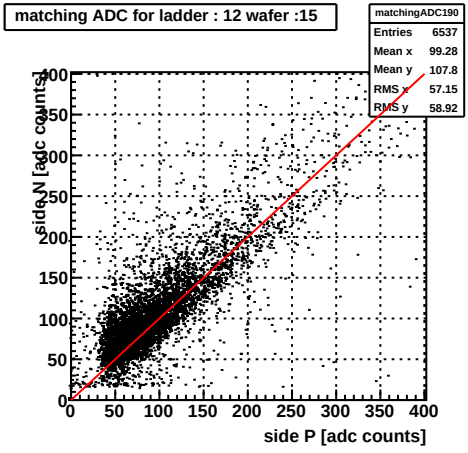

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 3101
Mean x 74.14
Mean y 88.14
RMS x 53.64
RMS y 59.41
side N [adc counts]
side P [adc counts]

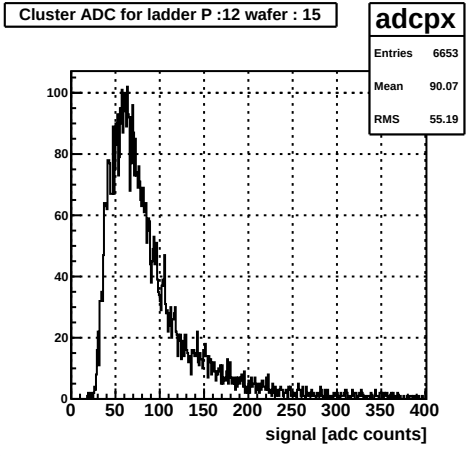

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 8094
Mean 69.23
RMS 54.47
signal [adc counts]

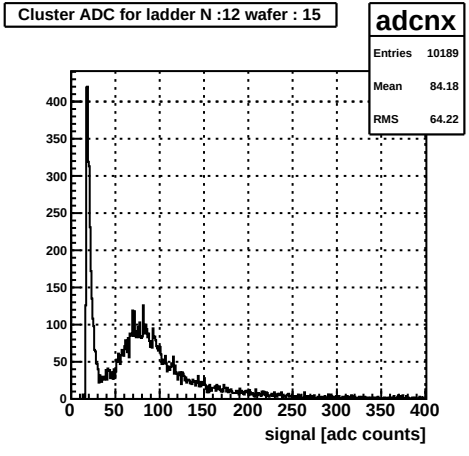

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 7692
Mean 60.04
RMS 53.85
signal [adc counts]

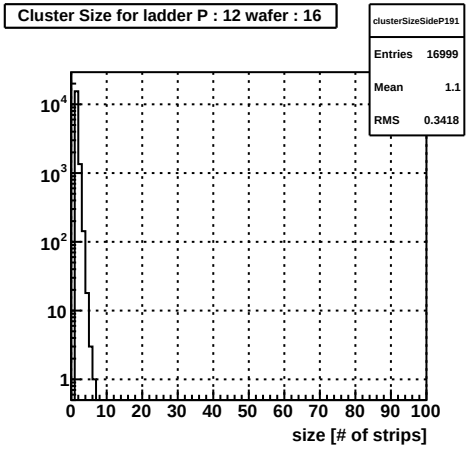

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 6653
Mean 1.236
RMS 0.5468
size [# of strips]

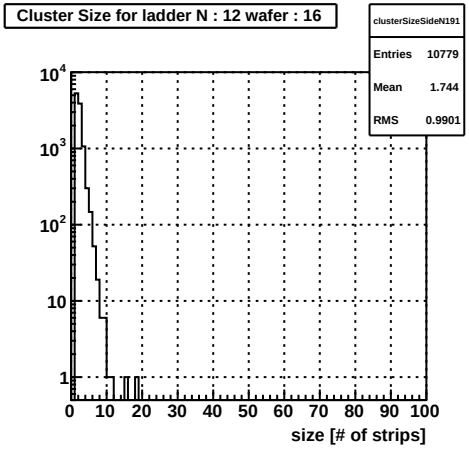

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 10189
Mean 1.579
RMS 0.7924
size [# of strips]

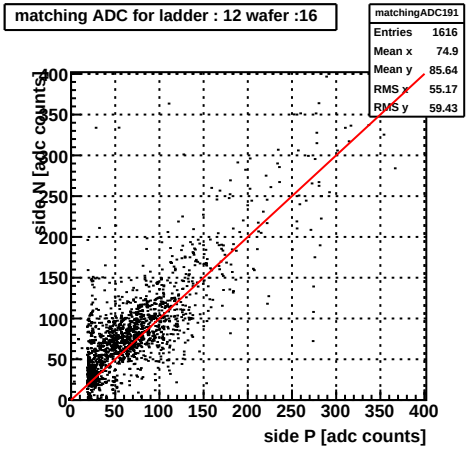

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 6537
Mean x 99.28
Mean y 107.8
RMS x 57.15
RMS y 58.92
side N [adc counts]
side P [adc counts]

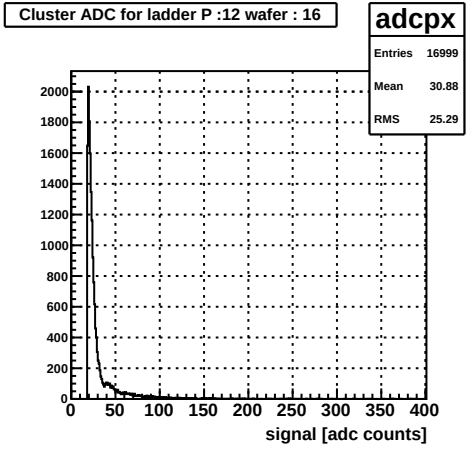

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 6653
Mean 90.07
RMS 55.19
signal [adc counts]

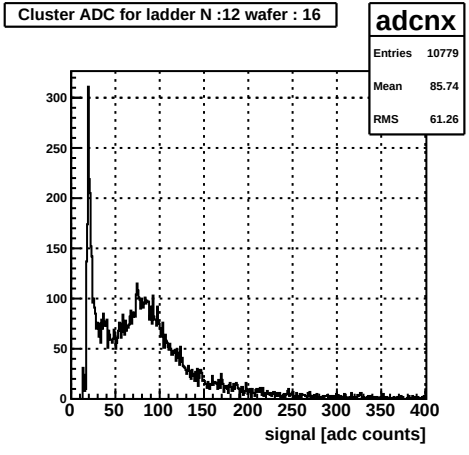

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 10189
Mean 84.18
RMS 64.22
signal [adc counts]

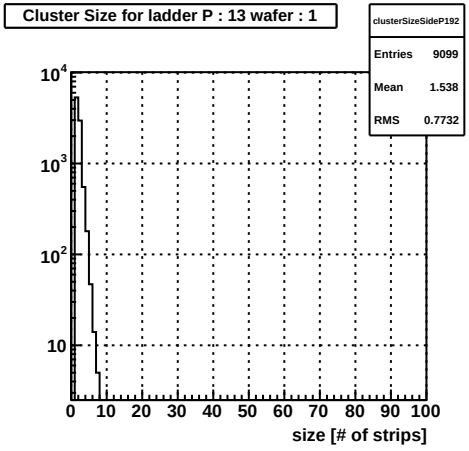

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 16999
Mean 1.1
RMS 0.3418
size [# of strips]

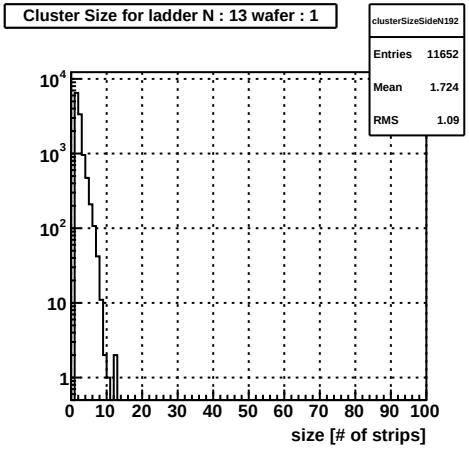

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 10779
Mean 1.744
RMS 0.9901
size [# of strips]

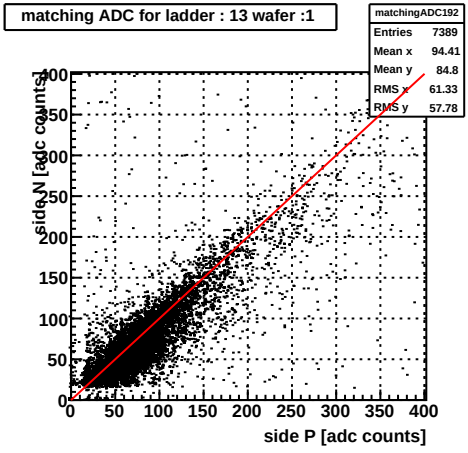

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1616
Mean x 74.9
Mean y 85.64
RMS x 55.17
RMS y 59.43
side N [adc counts]
side P [adc counts]

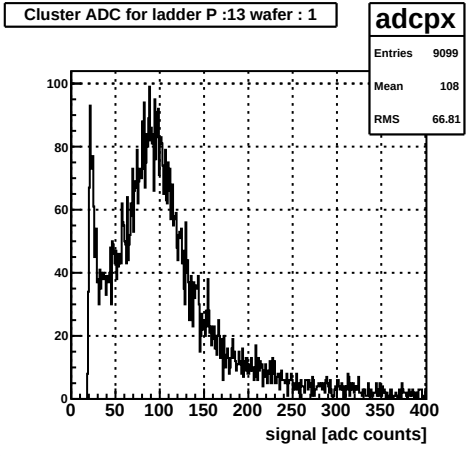

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 16999
Mean 30.88
RMS 25.29
signal [adc counts]

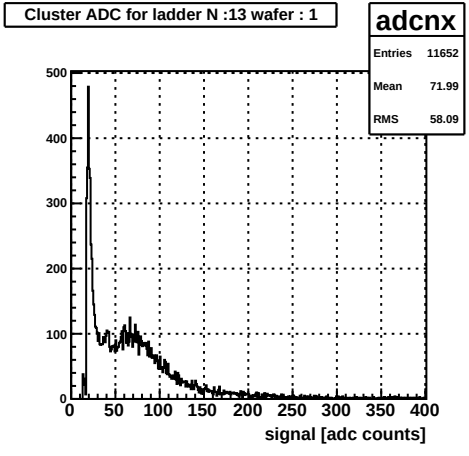

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 10779
Mean 85.74
RMS 61.26
signal [adc counts]

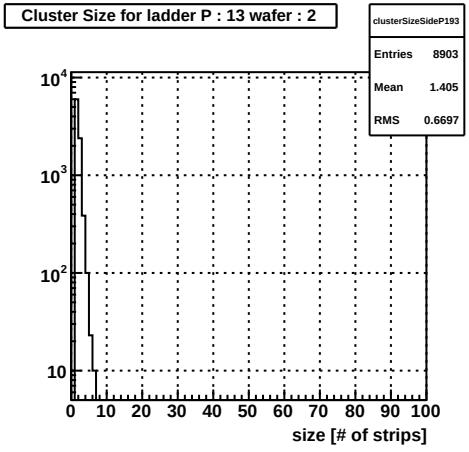

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 9099
Mean 1.538
RMS 0.7732
size [# of strips]

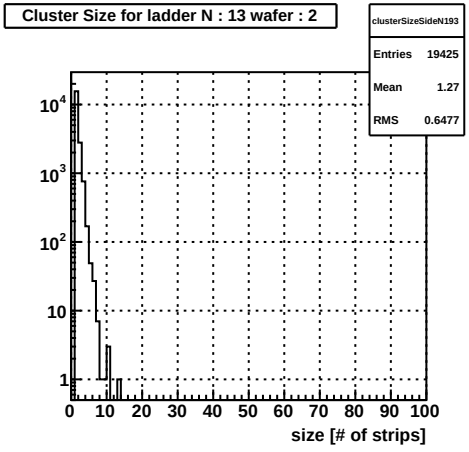

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 11652
Mean 1.724
RMS 1.09
size [# of strips]

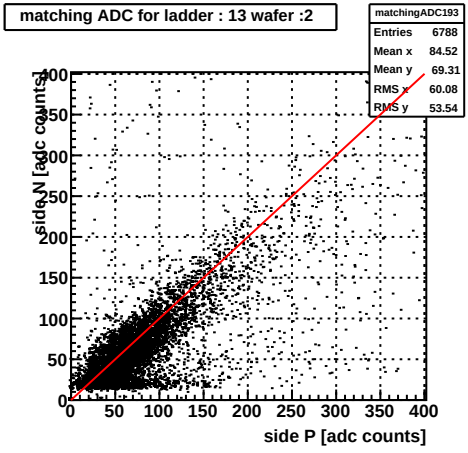

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 7389
Mean x 94.41
Mean y 84.8
RMS x 61.33
RMS y 57.78
side N [adc counts]
side P [adc counts]

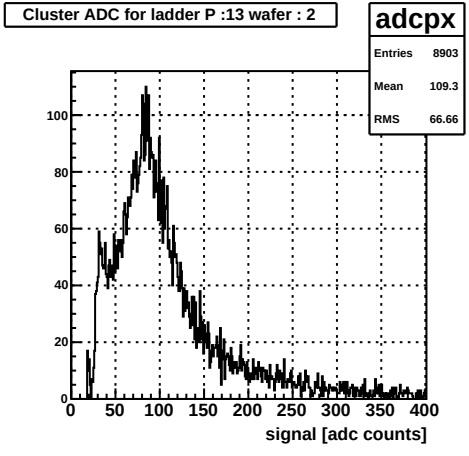

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 9099
Mean 108
RMS 66.81
signal [adc counts]

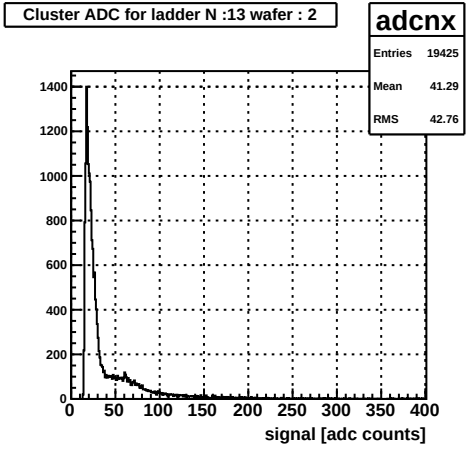

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 11652
Mean 71.99
RMS 58.09
signal [adc counts]

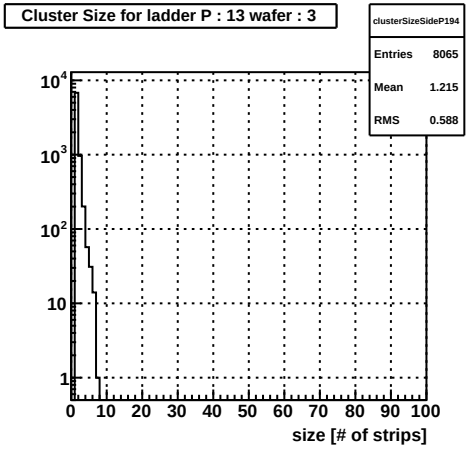

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 8903
Mean 1.405
RMS 0.6697
size [# of strips]

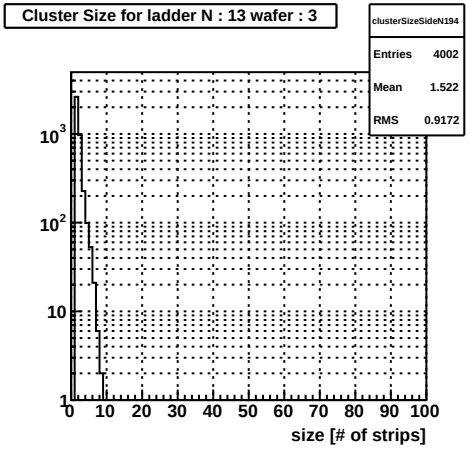

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 19425
Mean 1.27
RMS 0.6477
size [# of strips]

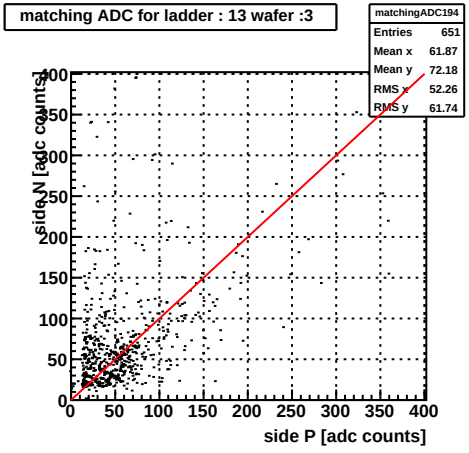

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 6788
Mean x 84.52
Mean y 69.31
RMS x 60.08
RMS y 53.54
side N [adc counts]
side P [adc counts]

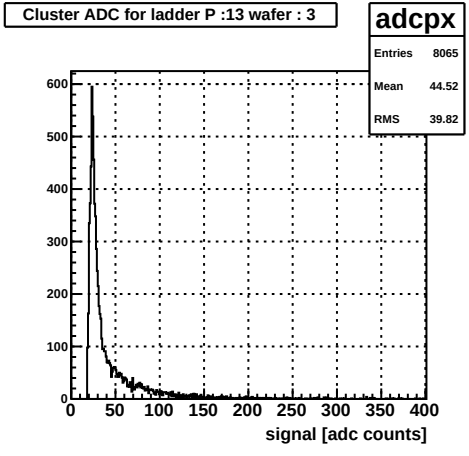

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 8903
Mean 109.3
RMS 66.66
signal [adc counts]

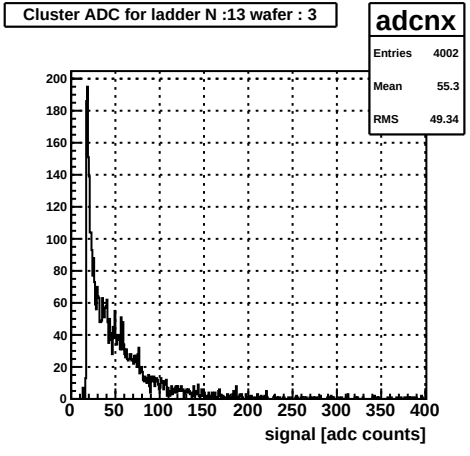

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 19425
Mean 41.29
RMS 42.76
signal [adc counts]

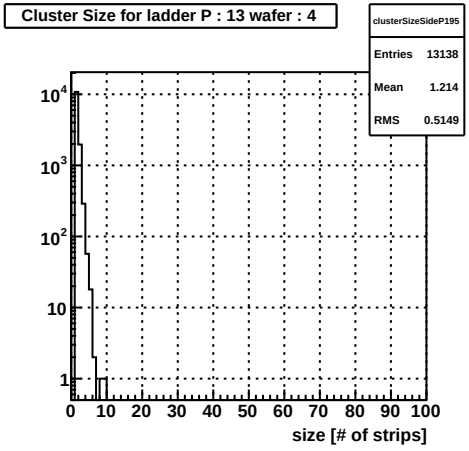

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8065
Mean 1.215
RMS 0.588
size [# of strips]

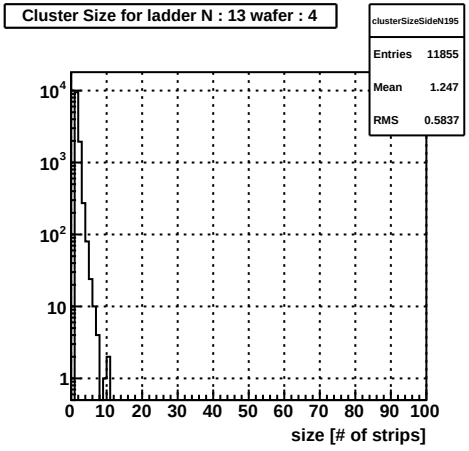

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4002
Mean 1.522
RMS 0.9172
size [# of strips]

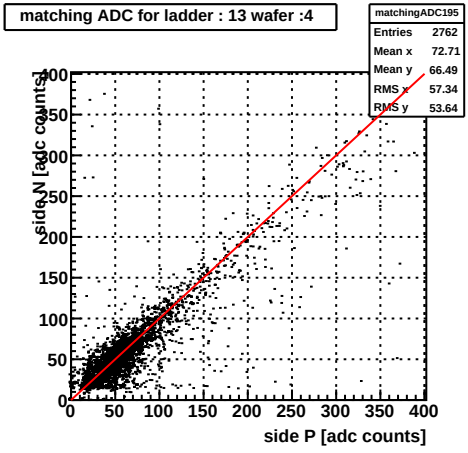

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 651
Mean x 61.87
Mean y 72.18
RMS x 52.26
RMS y 61.74
side N [adc counts]
side P [adc counts]

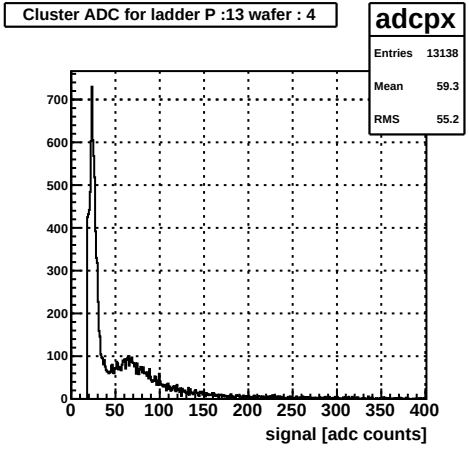

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8065
Mean 44.52
RMS 39.82
signal [adc counts]

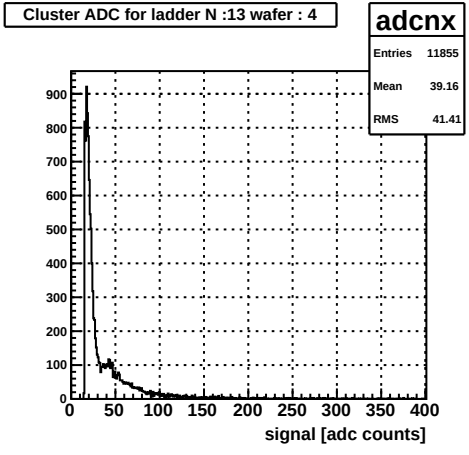

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4002
Mean 55.3
RMS 49.34
signal [adc counts]

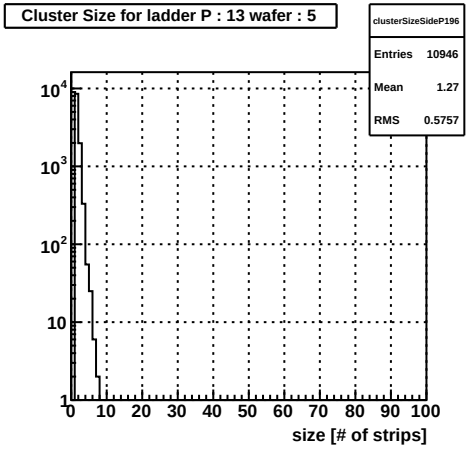

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 13138
Mean 1.214
RMS 0.5149
size [# of strips]

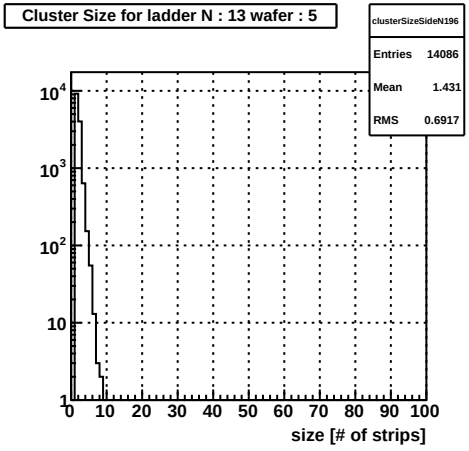

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 11855
Mean 1.247
RMS 0.5837
size [# of strips]

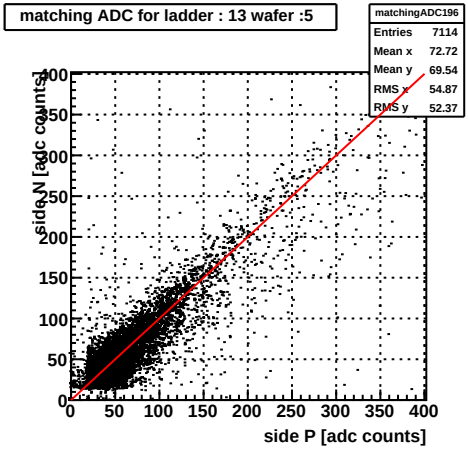

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 2762
Mean x 72.71
Mean y 66.49
RMS x 57.34
RMS y 53.64
side N [adc counts]
side P [adc counts]

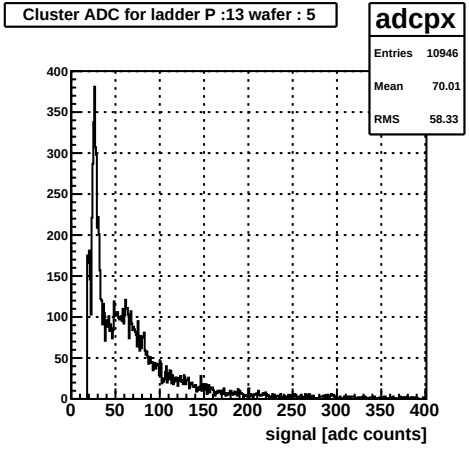

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 13138
Mean 59.3
RMS 55.2
signal [adc counts]

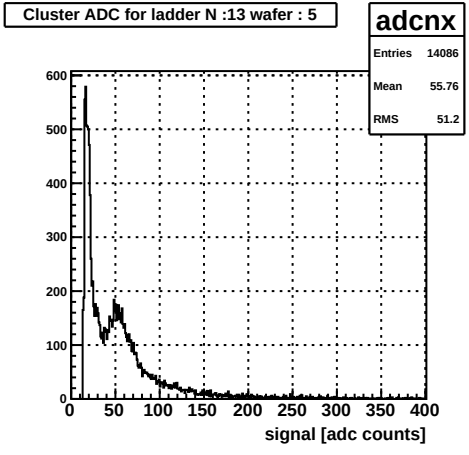

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 11855
Mean 39.16
RMS 41.41
signal [adc counts]

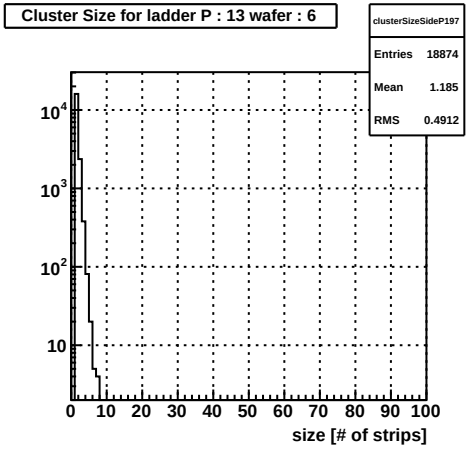

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 10946
Mean 1.27
RMS 0.5757
size [# of strips]

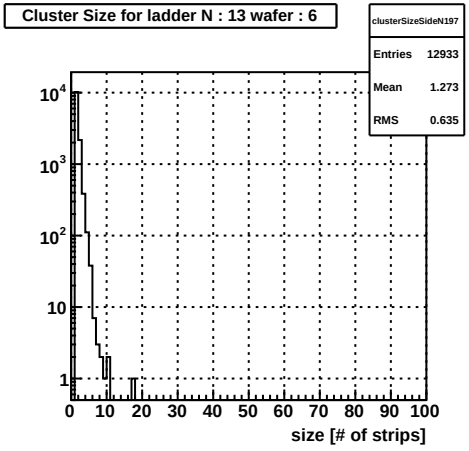

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 14086
Mean 1.431
RMS 0.6917
size [# of strips]

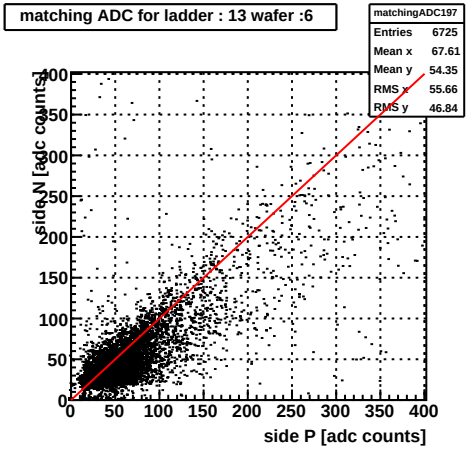

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7114
Mean x 72.72
Mean y 69.54
RMS x 54.87
RMS y 52.37
side N [adc counts]
side P [adc counts]

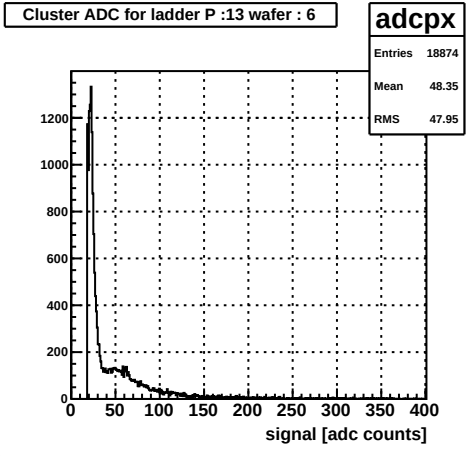

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 10946
Mean 70.01
RMS 58.33
signal [adc counts]

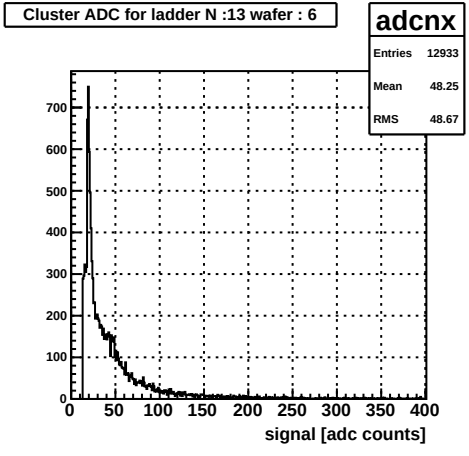

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 14086
Mean 55.76
RMS 51.2
signal [adc counts]

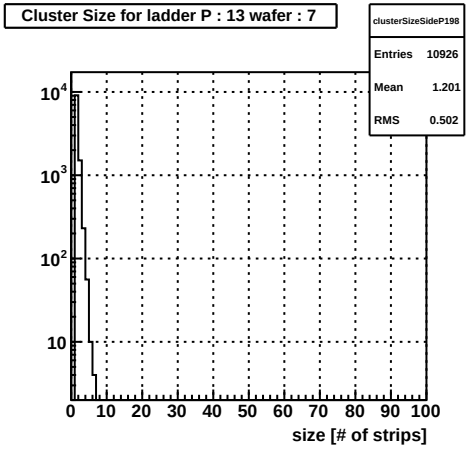

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 18874
Mean 1.185
RMS 0.4912
size [# of strips]

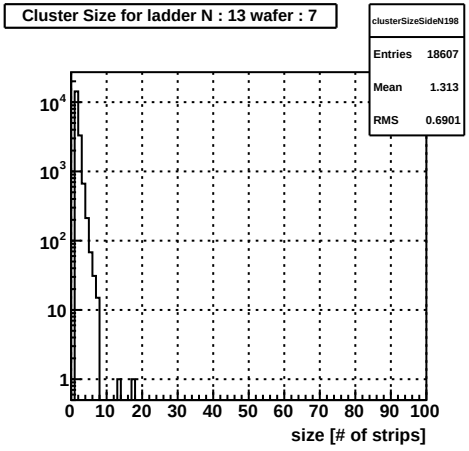

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 12933
Mean 1.273
RMS 0.635
size [# of strips]

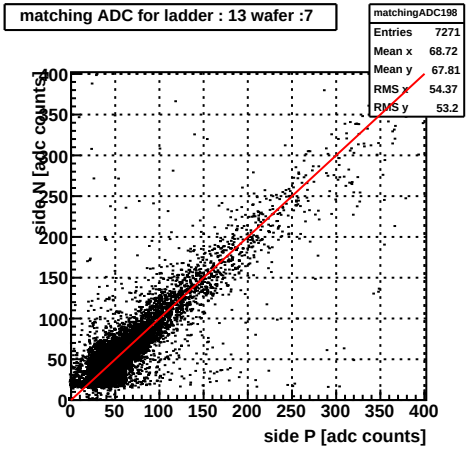

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 6725
Mean x 67.61
Mean y 54.35
RMS x 55.66
RMS y 46.84
side N [adc counts]
side P [adc counts]

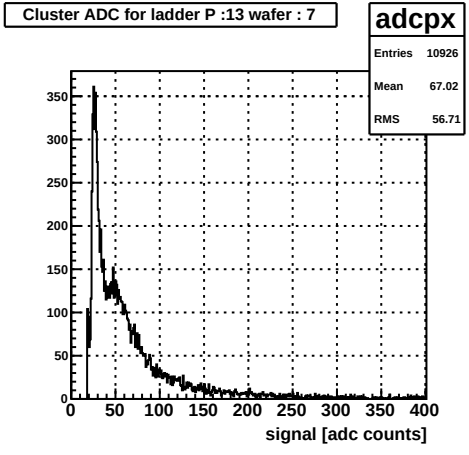

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 18874
Mean 48.35
RMS 47.95
signal [adc counts]

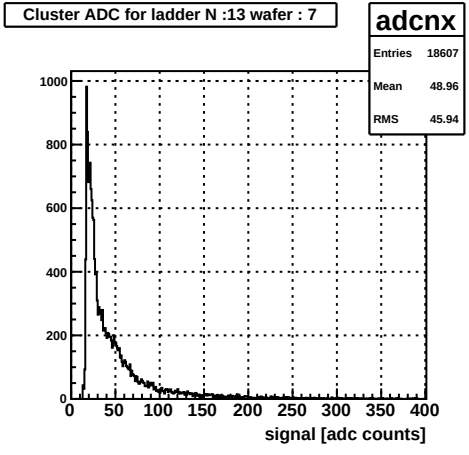

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 12933
Mean 48.25
RMS 48.67
signal [adc counts]

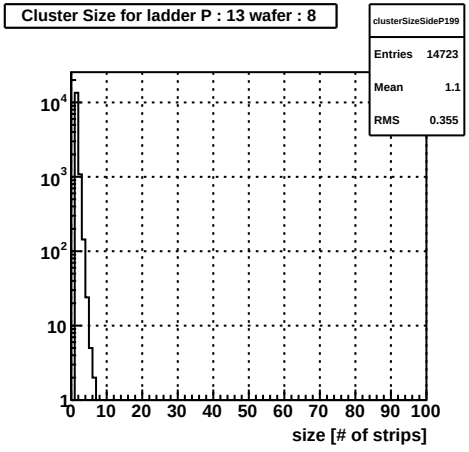

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 10926
Mean 1.201
RMS 0.502
size [# of strips]

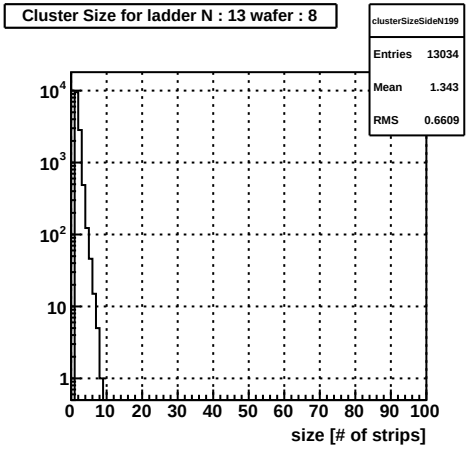

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 18607
Mean 1.313
RMS 0.6901
size [# of strips]

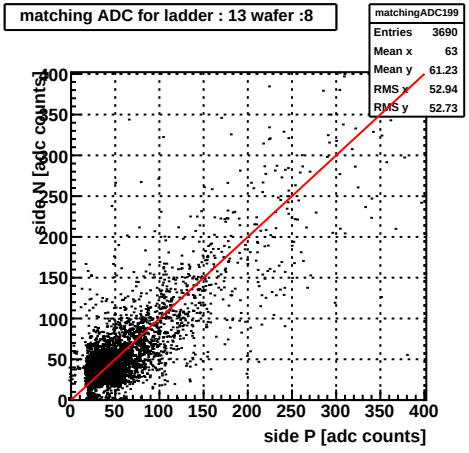

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 7271
Mean x 68.72
Mean y 67.81
RMS x 54.37
RMS y 53.2
side N [adc counts]
side P [adc counts]

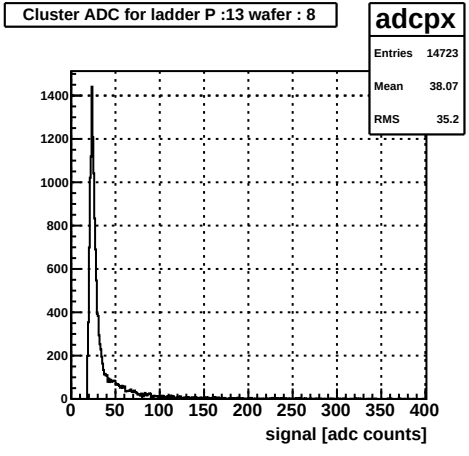

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 10926
Mean 67.02
RMS 56.71
signal [adc counts]

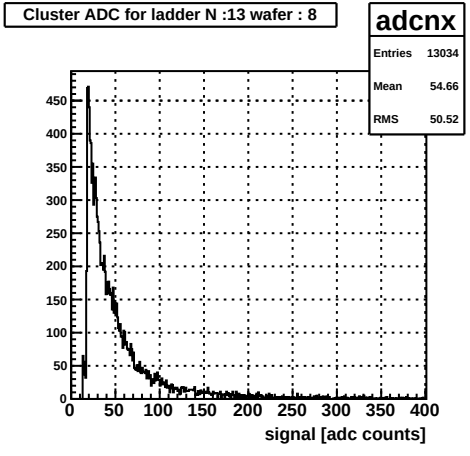

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 18607
Mean 48.96
RMS 45.94
signal [adc counts]

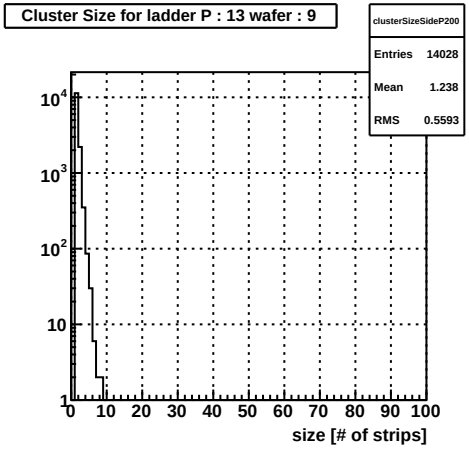

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 14723
Mean 1.1
RMS 0.355
size [# of strips]

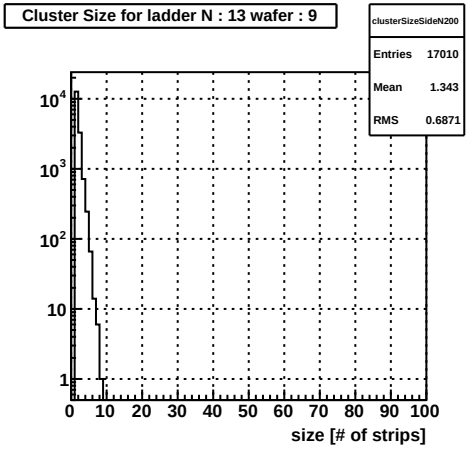

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 13034
Mean 1.343
RMS 0.6609
size [# of strips]

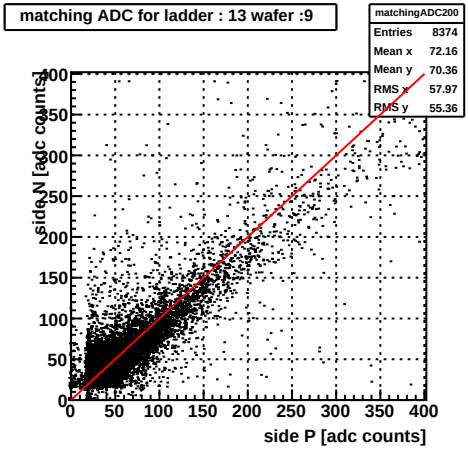

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 3690
Mean x 63
Mean y 61.23
RMS x 52.94
RMS y 52.73
side N [adc counts]
side P [adc counts]

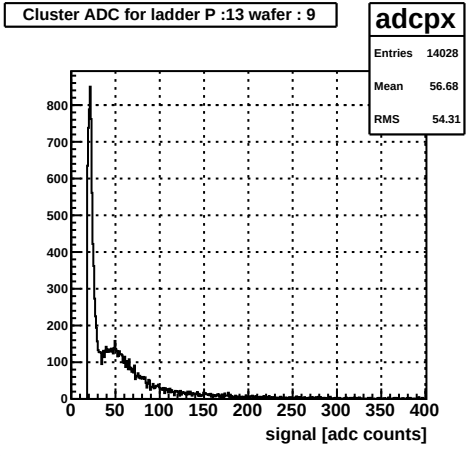

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 14723
Mean 38.07
RMS 35.2
signal [adc counts]

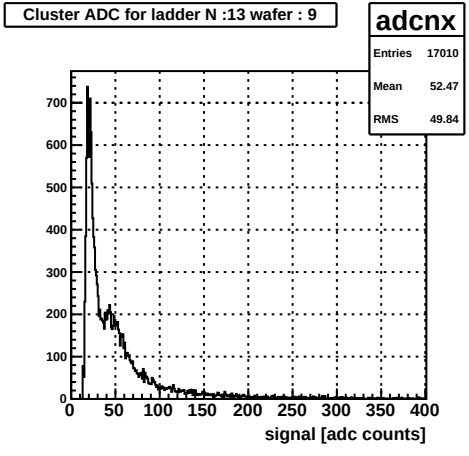

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 13034
Mean 54.66
RMS 50.52
signal [adc counts]

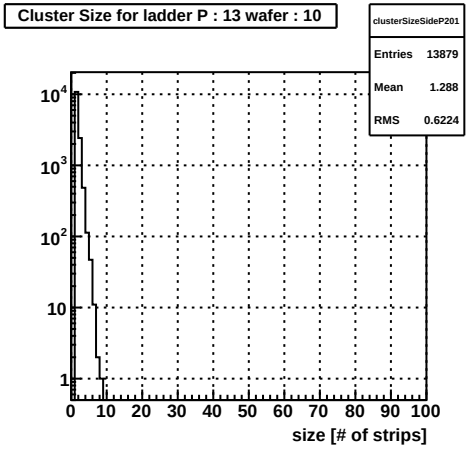

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 14028
Mean 1.238
RMS 0.5593
size [# of strips]

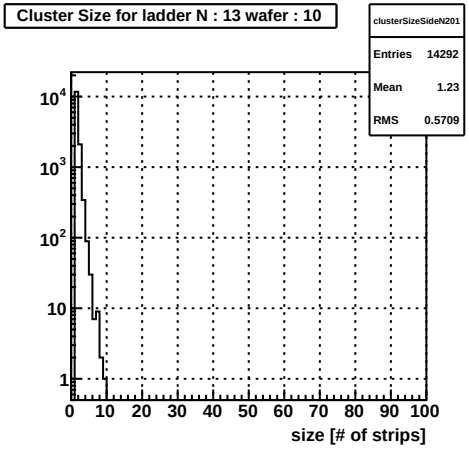

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 17010
Mean 1.343
RMS 0.6871
size [# of strips]

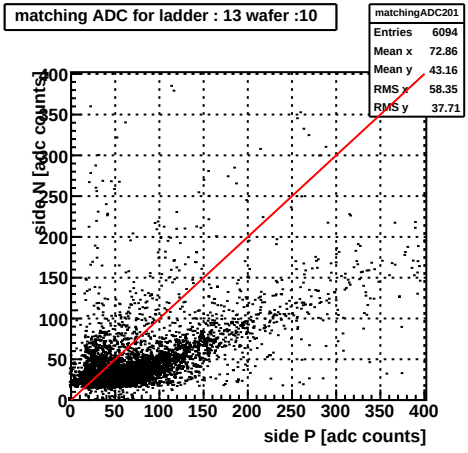

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 8374
Mean x 72.16
Mean y 70.36
RMS x 57.97
RMS y 55.36
side N [adc counts]
side P [adc counts]

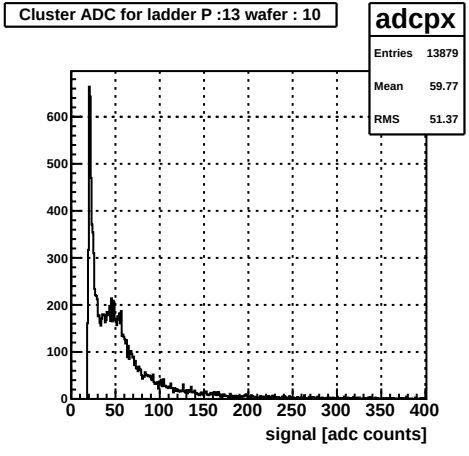

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 14028
Mean 56.68
RMS 54.31
signal [adc counts]

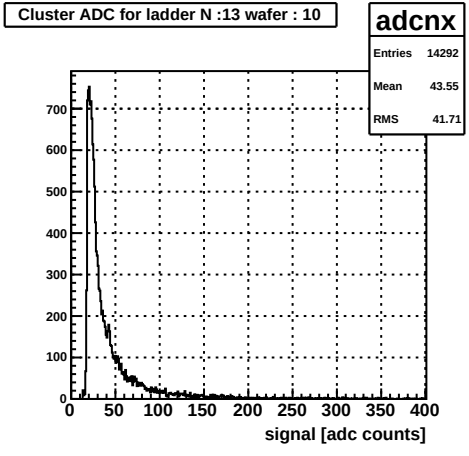

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 17010
Mean 52.47
RMS 49.84
signal [adc counts]

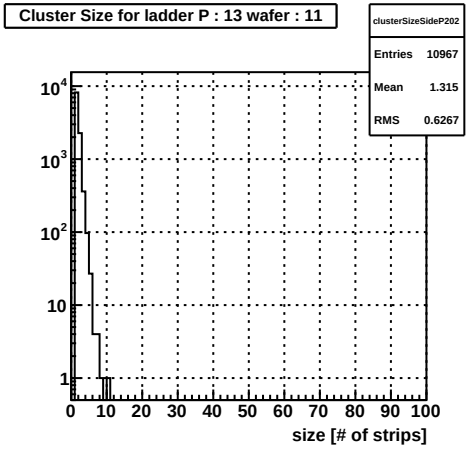

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 13879
Mean 1.288
RMS 0.6224
size [# of strips]

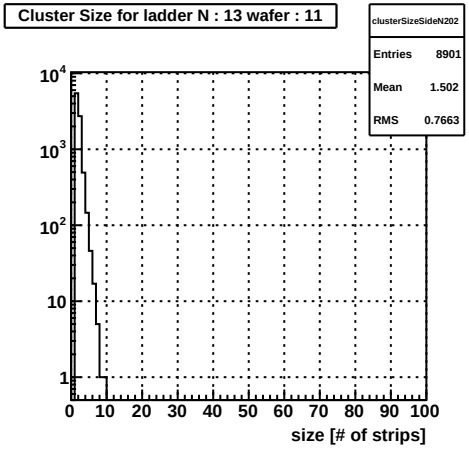

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 14292
Mean 1.23
RMS 0.5709
size [# of strips]

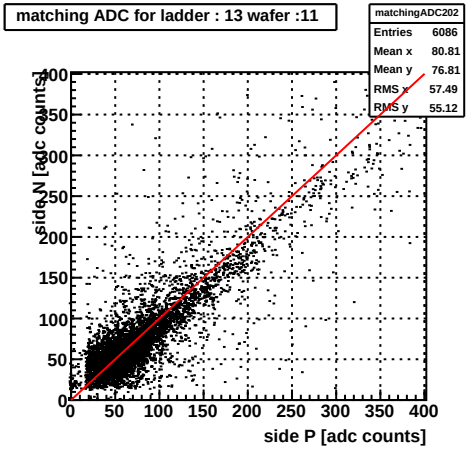

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 6094
Mean x 72.86
Mean y 43.16
RMS x 58.35
RMS y 37.71
side N [adc counts]
side P [adc counts]

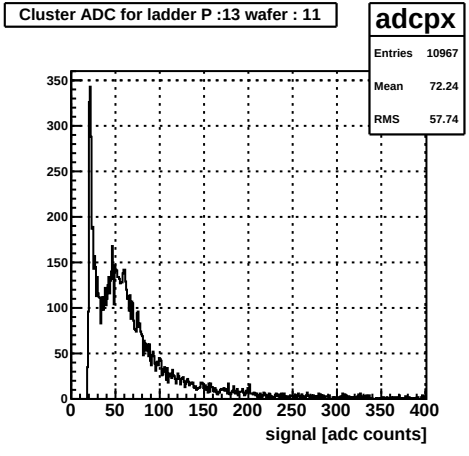

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 13879
Mean 59.77
RMS 51.37
signal [adc counts]

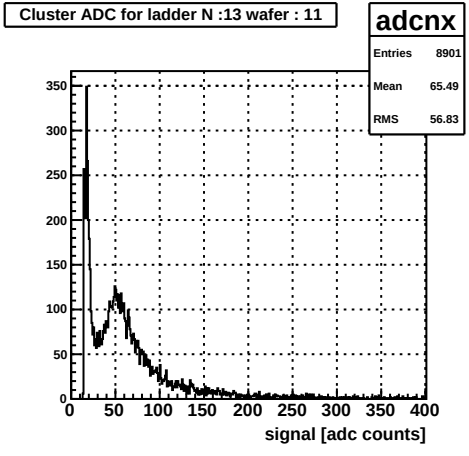

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 14292
Mean 43.55
RMS 41.71
signal [adc counts]

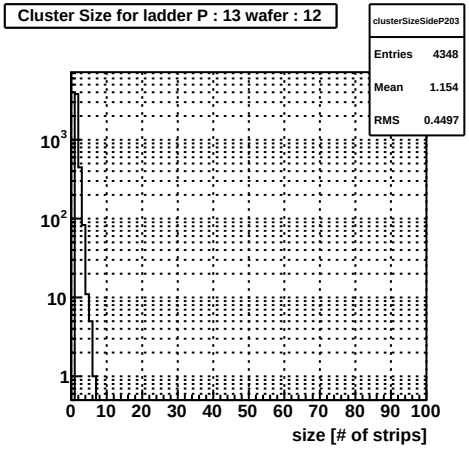

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 10967
Mean 1.315
RMS 0.6267
size [# of strips]

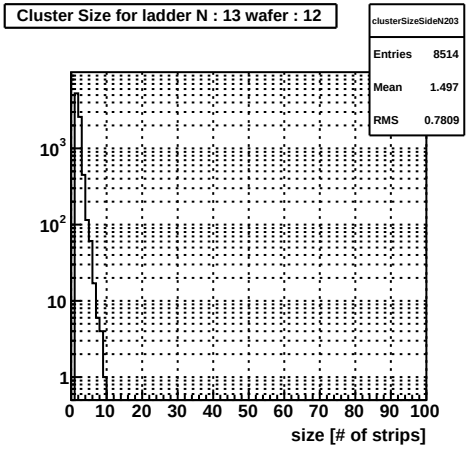

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 8901
Mean 1.502
RMS 0.7663
size [# of strips]

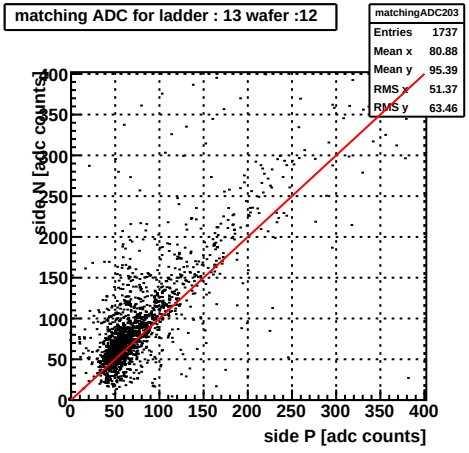

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 6086
Mean x 80.81
Mean y 76.81
RMS x 57.49
RMS y 55.12
side N [adc counts]
side P [adc counts]

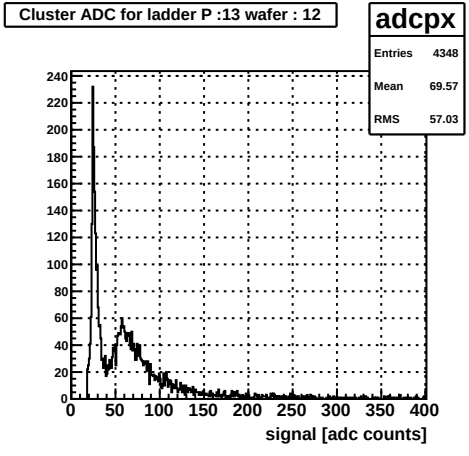

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 10967
Mean 72.24
RMS 57.74
signal [adc counts]

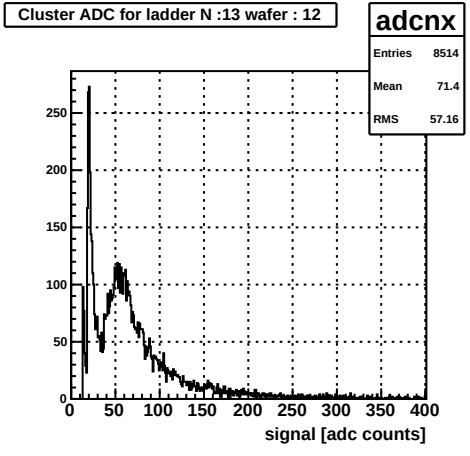

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 8901
Mean 65.49
RMS 56.83
signal [adc counts]

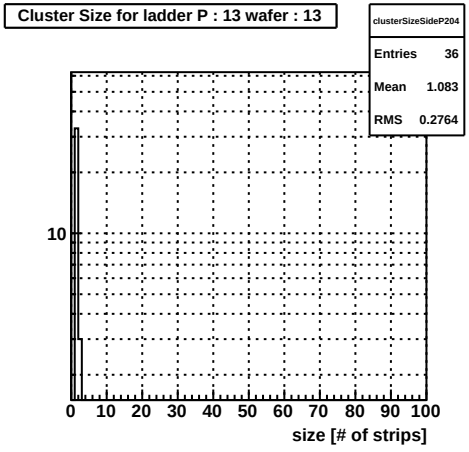

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4348
Mean 1.154
RMS 0.4497
size [# of strips]

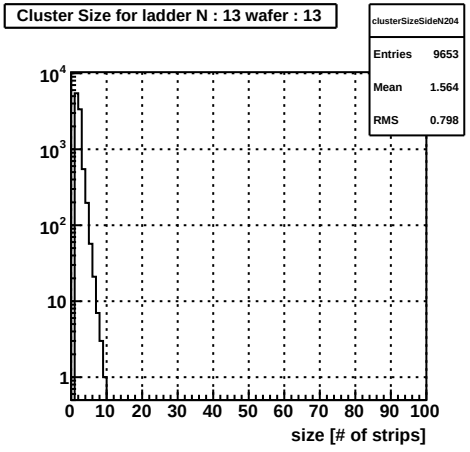

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 8514
Mean 1.497
RMS 0.7809
size [# of strips]

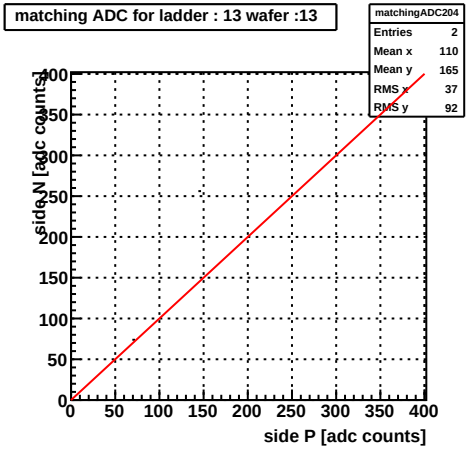

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1737
Mean x 80.88
Mean y 95.39
RMS x 51.37
RMS y 63.46
side N [adc counts]
side P [adc counts]

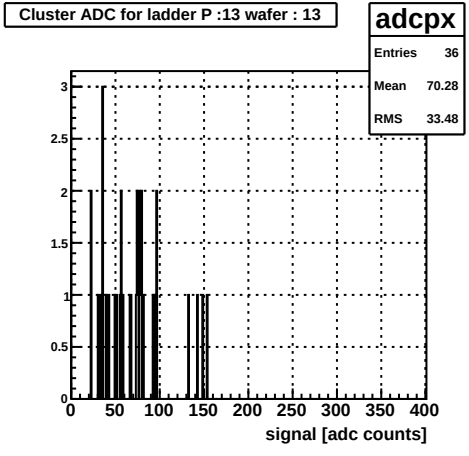

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4348
Mean 69.57
RMS 57.03
signal [adc counts]

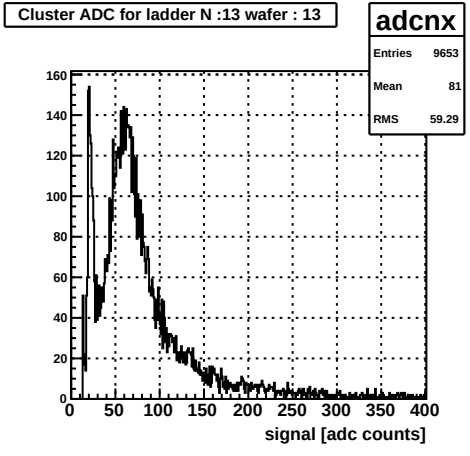

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 8514
Mean 71.4
RMS 57.16
signal [adc counts]

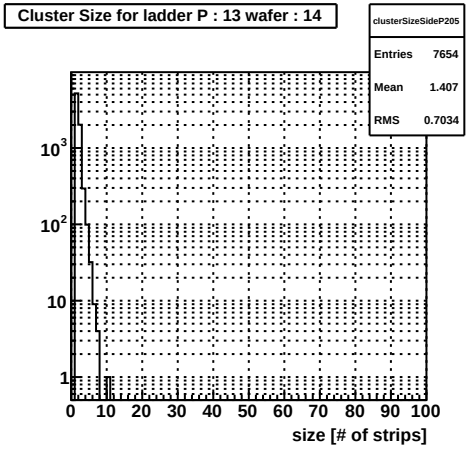

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 36
Mean 1.083
RMS 0.2764
size [# of strips]

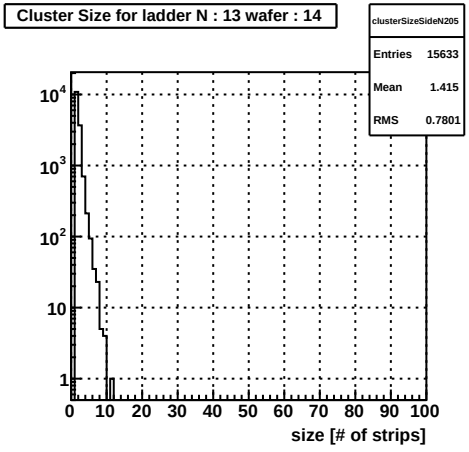

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 9653
Mean 1.564
RMS 0.798
size [# of strips]

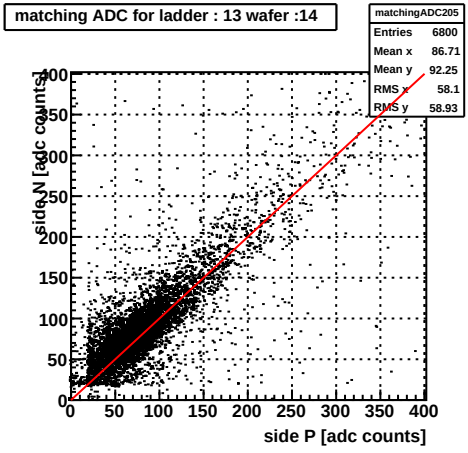

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 110
Mean y 165
RMS x 37
RMS y 92
side N [adc counts]
side P [adc counts]

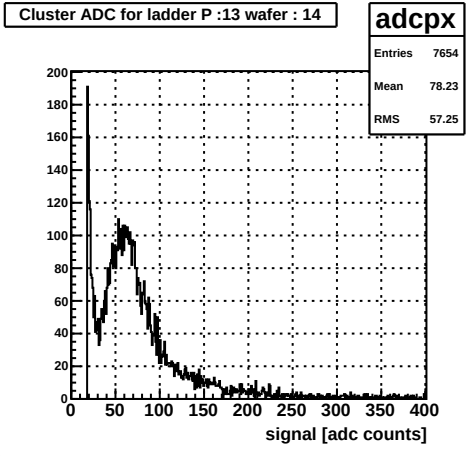

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 36
Mean 70.28
RMS 33.48
signal [adc counts]

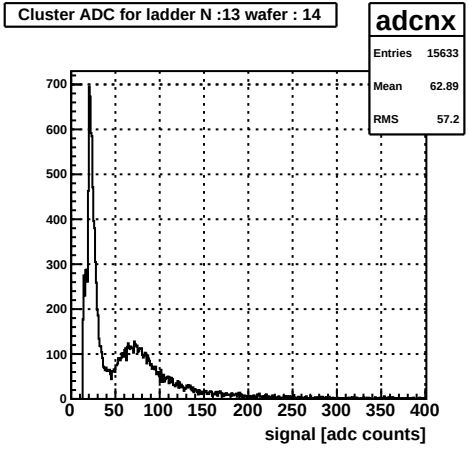

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 9653
Mean 81
RMS 59.29
signal [adc counts]

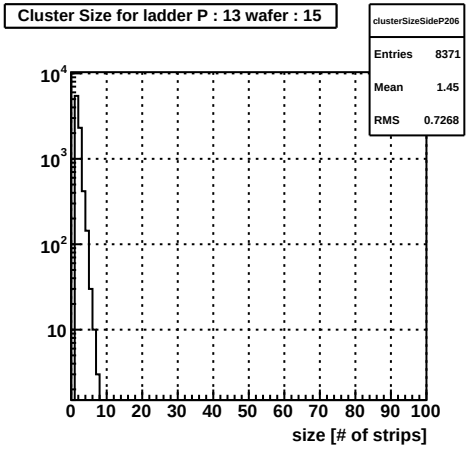

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 7654
Mean 1.407
RMS 0.7034
size [# of strips]

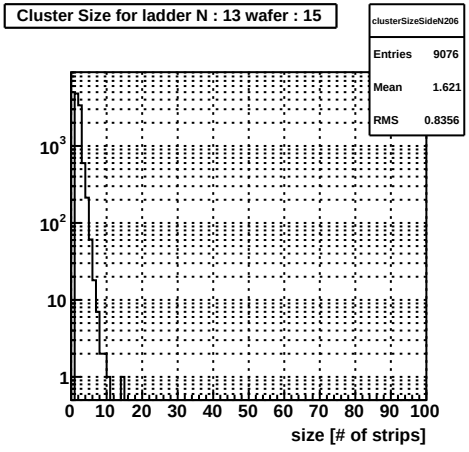

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 15633
Mean 1.415
RMS 0.7801
size [# of strips]

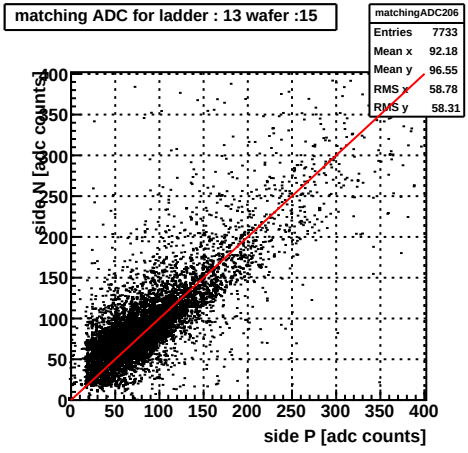

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 6800
Mean x 86.71
Mean y 92.25
RMS x 58.1
RMS y 58.93
side N [adc counts]
side P [adc counts]

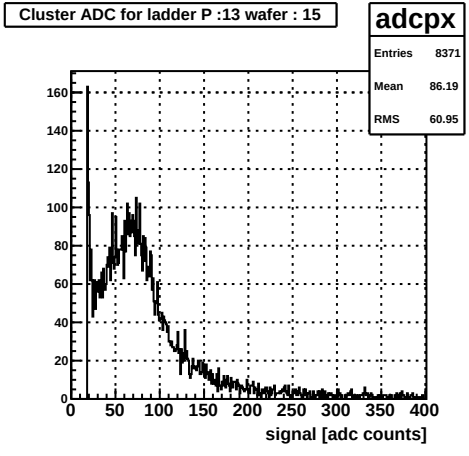

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 7654
Mean 78.23
RMS 57.25
signal [adc counts]

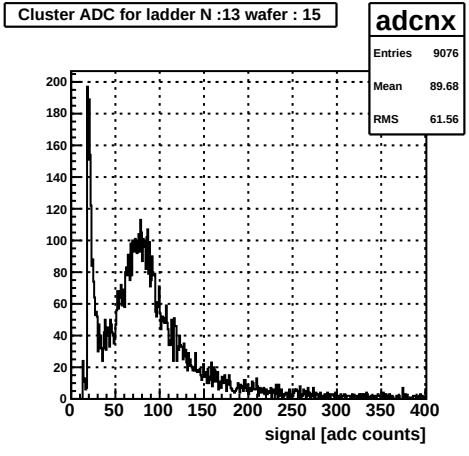

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 15633
Mean 62.89
RMS 57.2
signal [adc counts]

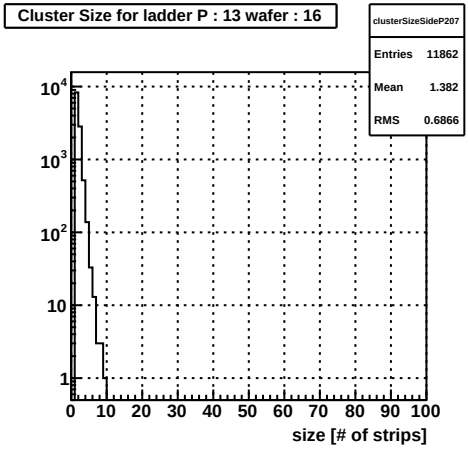

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 8371
Mean 1.45
RMS 0.7268
size [# of strips]

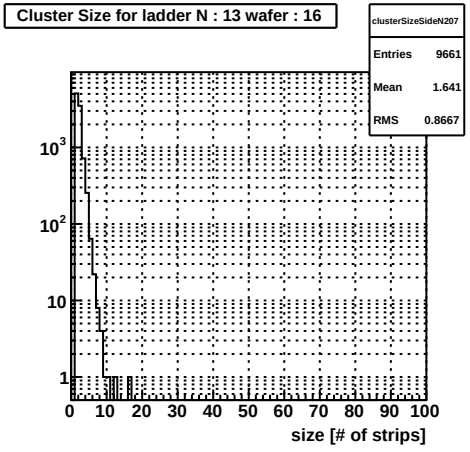

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 9076
Mean 1.621
RMS 0.8356
size [# of strips]

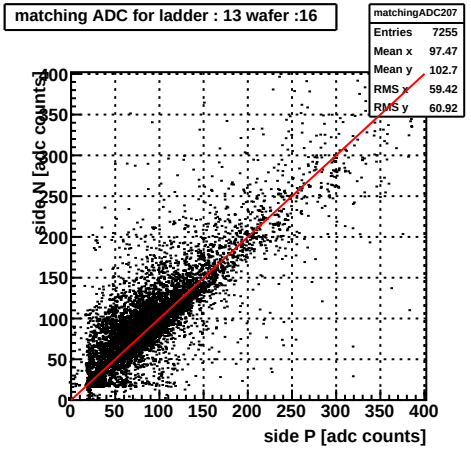

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 7733
Mean x 92.18
Mean y 96.55
RMS x 58.78
RMS y 58.31
side N [adc counts]
side P [adc counts]

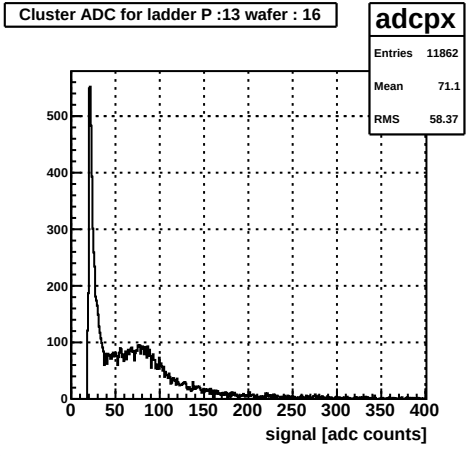

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 8371
Mean 86.19
RMS 60.95
signal [adc counts]

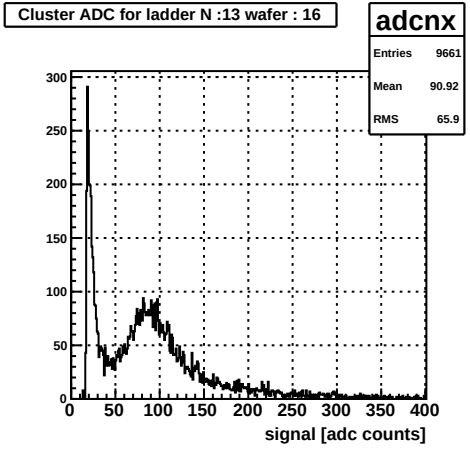

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 9076
Mean 89.68
RMS 61.56
signal [adc counts]

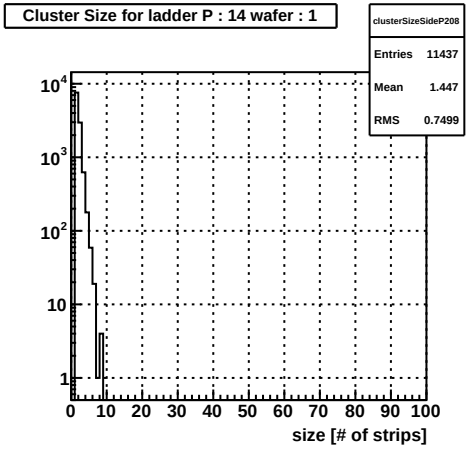

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 11862
Mean 1.382
RMS 0.6866
size [# of strips]

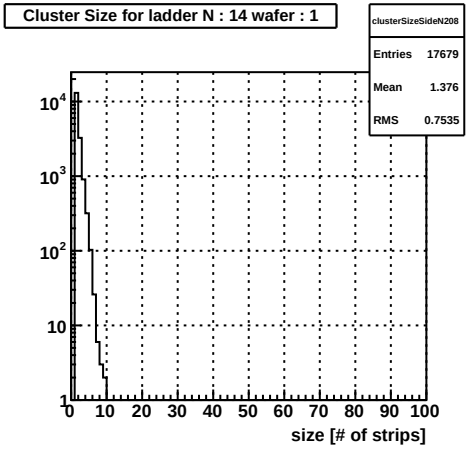

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 9661
Mean 1.641
RMS 0.8667
size [# of strips]

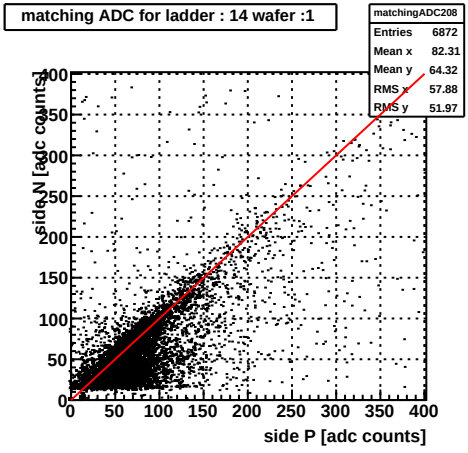

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 7255
Mean x 97.47
Mean y 102.7
RMS x 59.42
RMS y 60.92
side N [adc counts]
side P [adc counts]

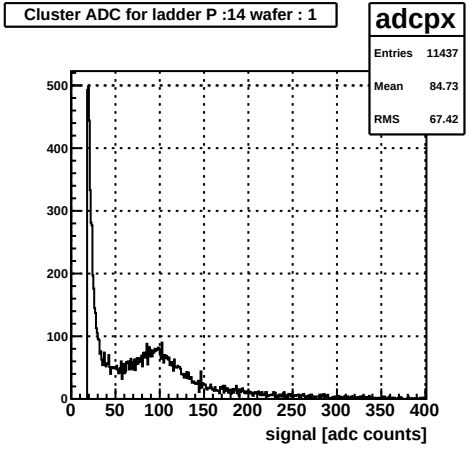

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 11862
Mean 71.1
RMS 58.37
signal [adc counts]

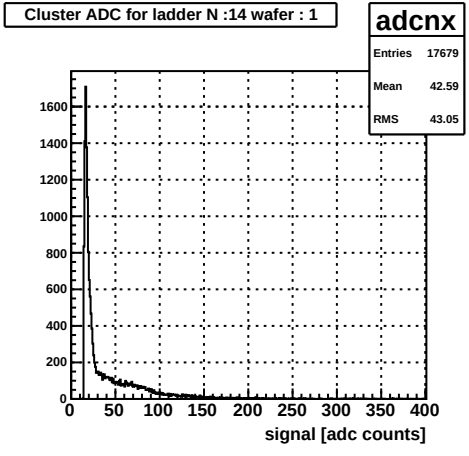

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 9661
Mean 90.92
RMS 65.9
signal [adc counts]

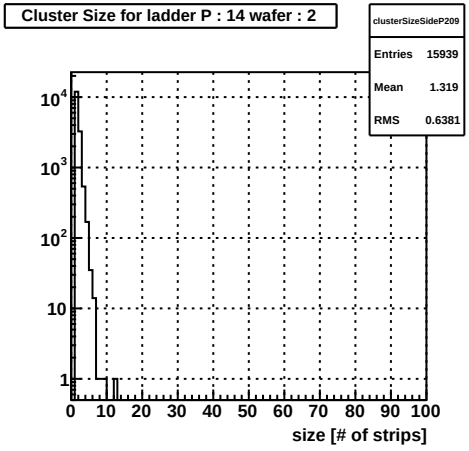

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 11437
Mean 1.447
RMS 0.7499
size [# of strips]

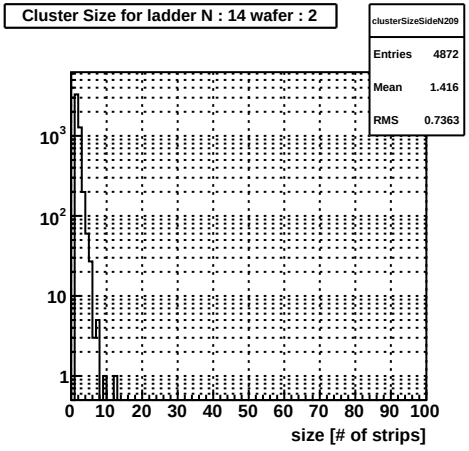

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 17679
Mean 1.376
RMS 0.7535
size [# of strips]

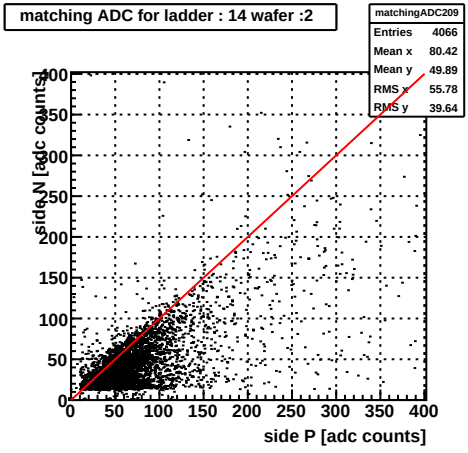

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 6872
Mean x 82.31
Mean y 64.32
RMS x 57.88
RMS y 51.97
side N [adc counts]
side P [adc counts]

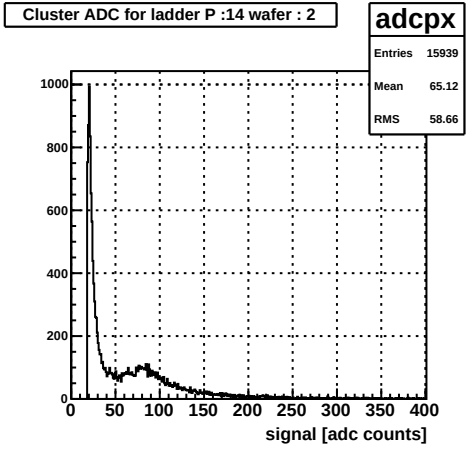

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 11437
Mean 84.73
RMS 67.42
signal [adc counts]

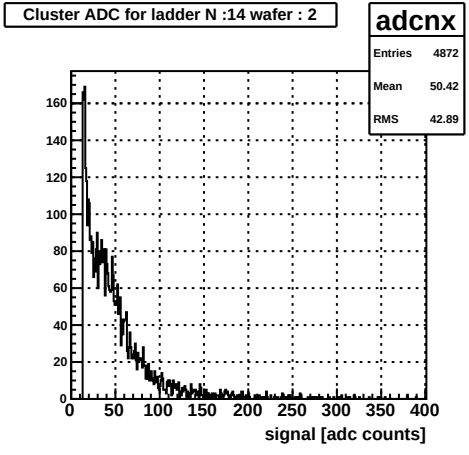

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 17679
Mean 42.59
RMS 43.05
signal [adc counts]

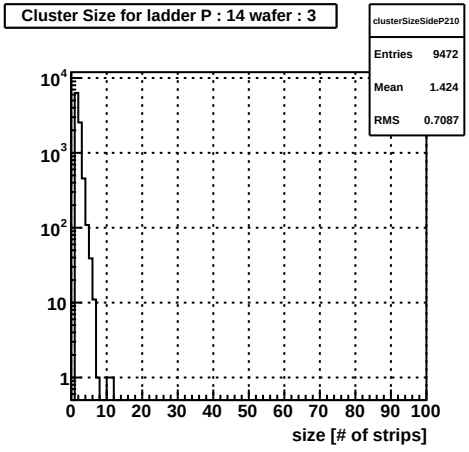

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 15939
Mean 1.319
RMS 0.6381
size [# of strips]

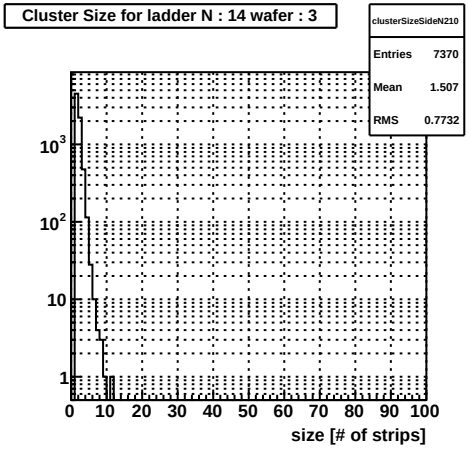

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 4872
Mean 1.416
RMS 0.7363
size [# of strips]

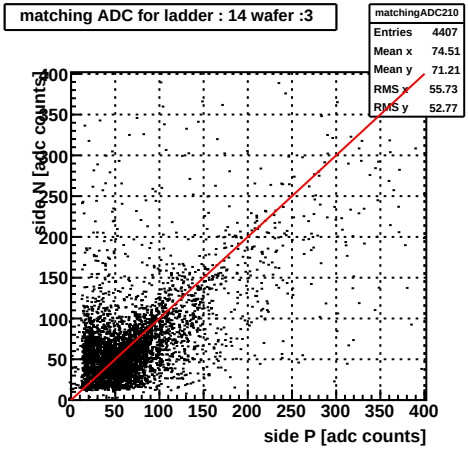

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 4066
Mean x 80.42
Mean y 49.89
RMS x 55.78
RMS y 39.64
side N [adc counts]
side P [adc counts]

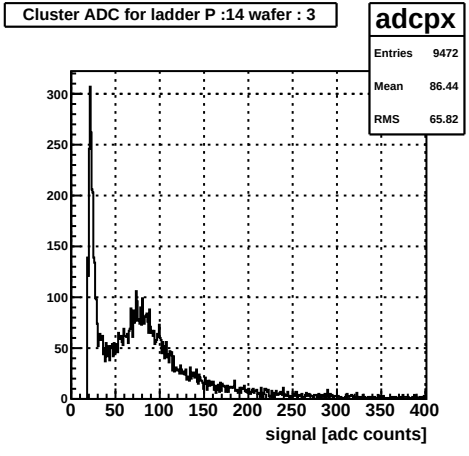

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 15939
Mean 65.12
RMS 58.66
signal [adc counts]

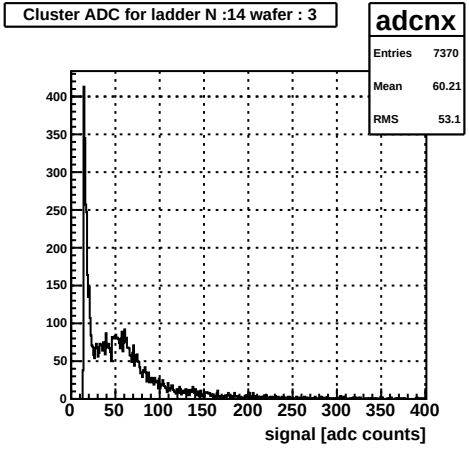

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 4872
Mean 50.42
RMS 42.89
signal [adc counts]

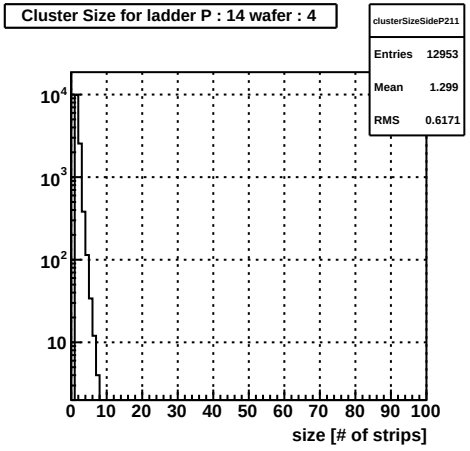

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 9472
Mean 1.424
RMS 0.7087
size [# of strips]

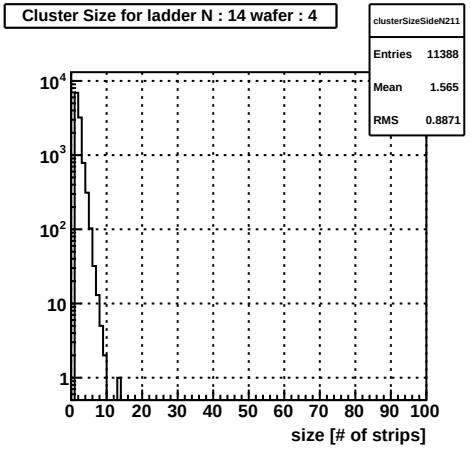

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 7370
Mean 1.507
RMS 0.7732
size [# of strips]

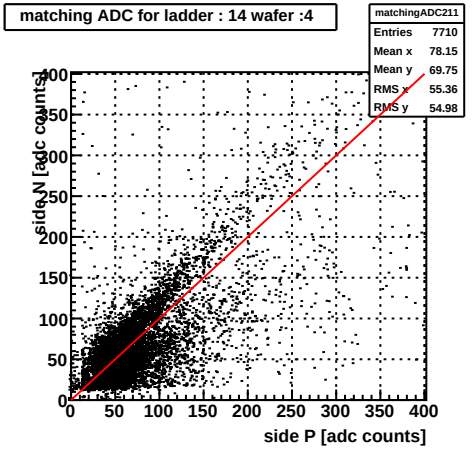

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4407
Mean x 74.51
Mean y 71.21
RMS x 55.73
RMS y 52.77
side N [adc counts]
side P [adc counts]

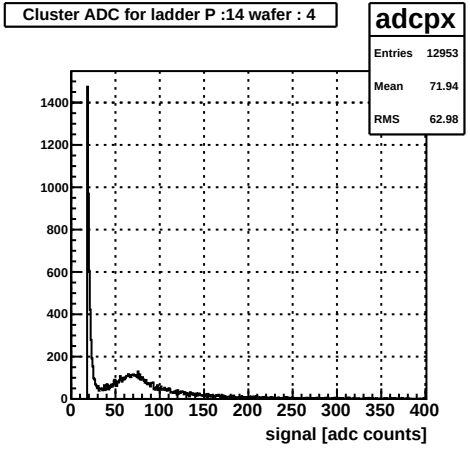

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 9472
Mean 86.44
RMS 65.82
signal [adc counts]

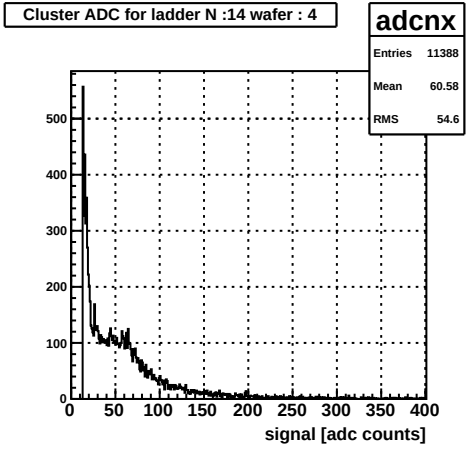

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 7370
Mean 60.21
RMS 53.1
signal [adc counts]

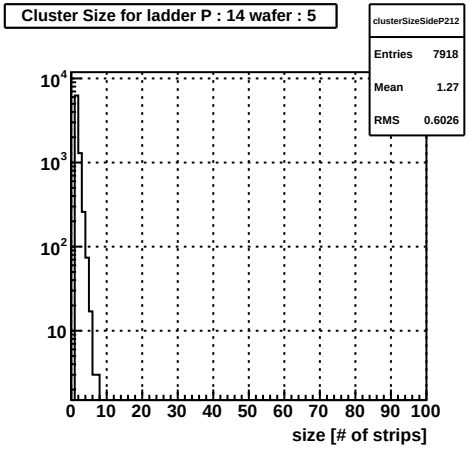

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 12953
Mean 1.299
RMS 0.6171
size [# of strips]

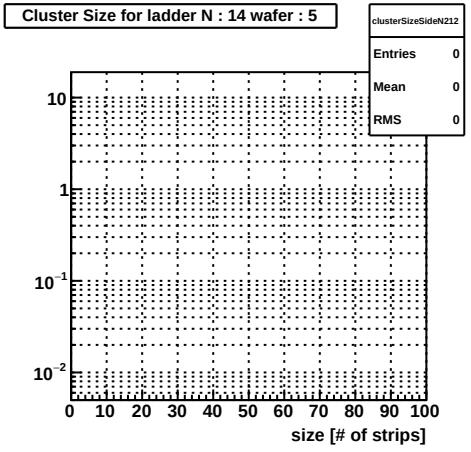

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 11388
Mean 1.565
RMS 0.8871
size [# of strips]

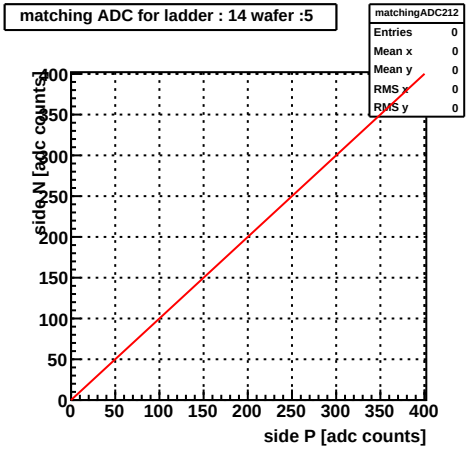

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 7710
Mean x 78.15
Mean y 69.75
RMS x 55.36
RMS y 54.98
side N [adc counts]
side P [adc counts]

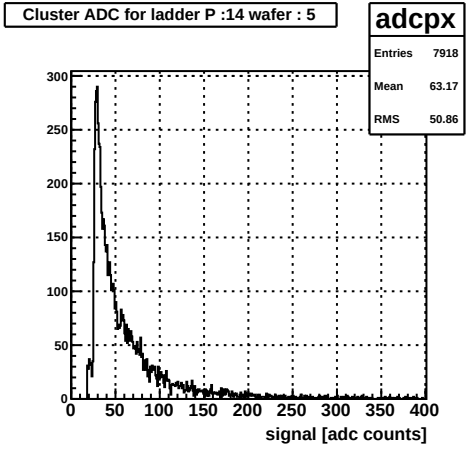

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 12953
Mean 71.94
RMS 62.98
signal [adc counts]

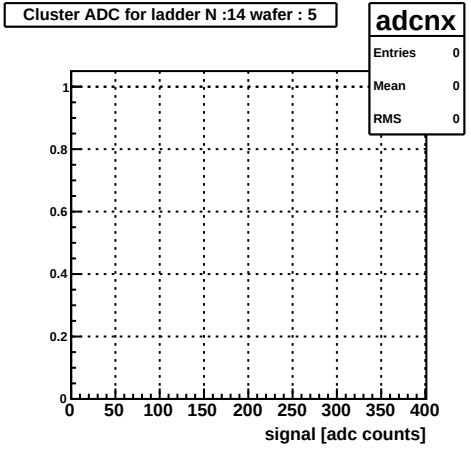

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 11388
Mean 60.58
RMS 54.6
signal [adc counts]

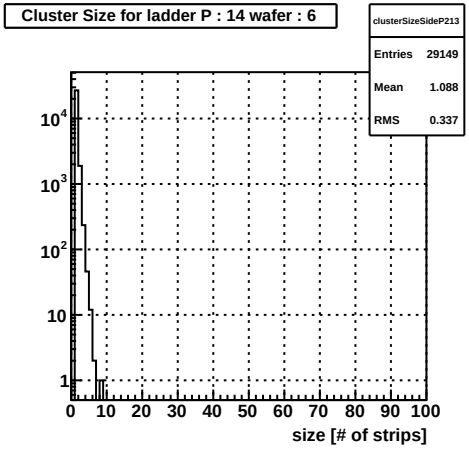

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7918
Mean 1.27
RMS 0.6026
size [# of strips]

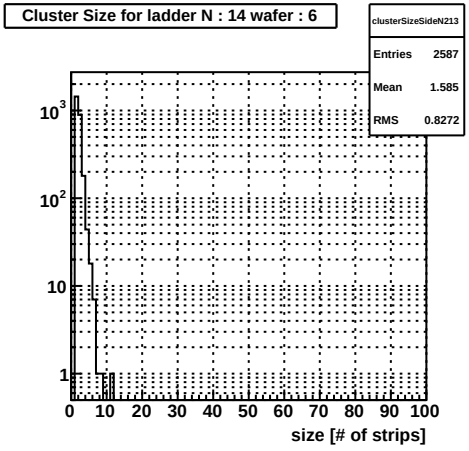

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

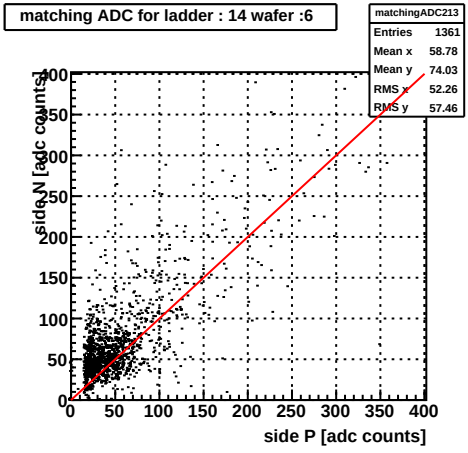

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

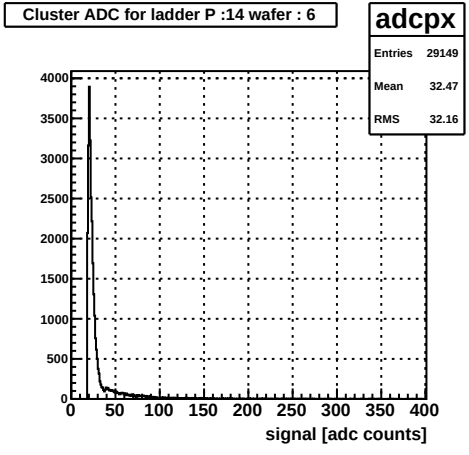

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7918
Mean 63.17
RMS 50.86
signal [adc counts]

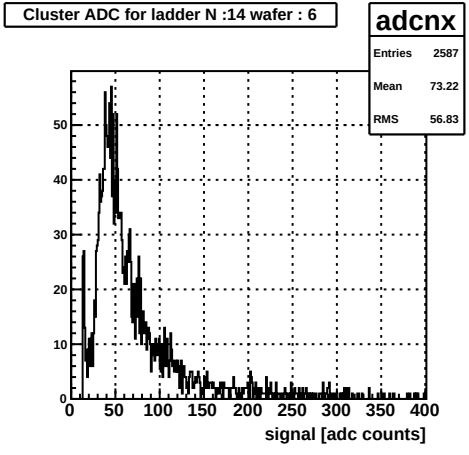

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

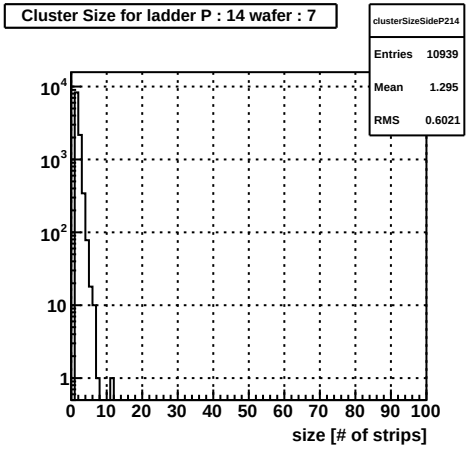

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 29149
Mean 1.088
RMS 0.337
size [# of strips]

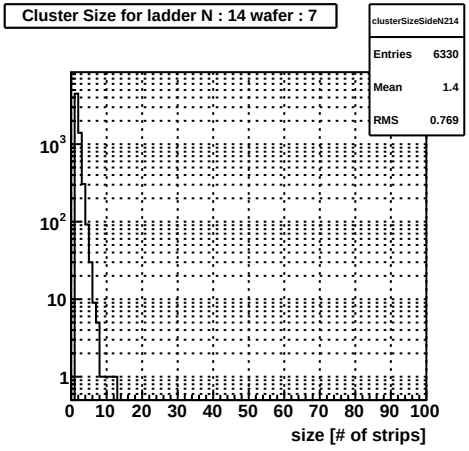

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2587
Mean 1.585
RMS 0.8272
size [# of strips]

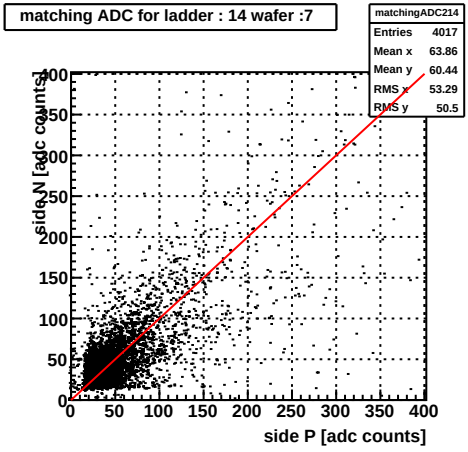

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1361
Mean x 58.78
Mean y 74.03
RMS x 52.26
RMS y 57.46
side N [adc counts]
side P [adc counts]

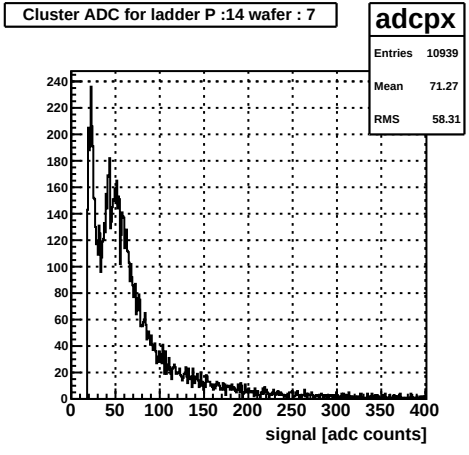

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 29149
Mean 32.47
RMS 32.16
signal [adc counts]

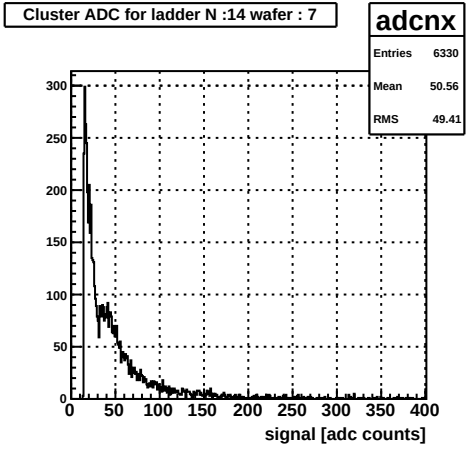

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2587
Mean 73.22
RMS 56.83
signal [adc counts]

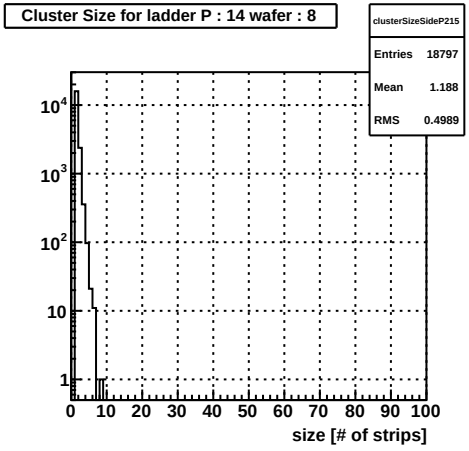

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 10939
Mean 1.295
RMS 0.6021
size [# of strips]

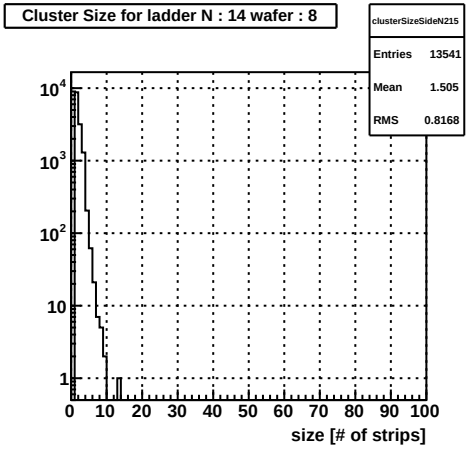

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6330
Mean 1.4
RMS 0.769
size [# of strips]

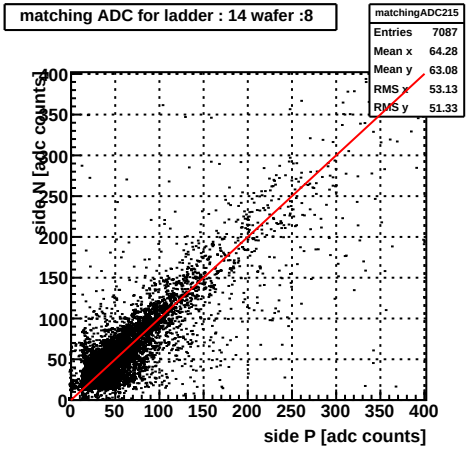

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4017
Mean x 63.86
Mean y 60.44
RMS x 53.29
RMS y 50.5
side N [adc counts]
side P [adc counts]

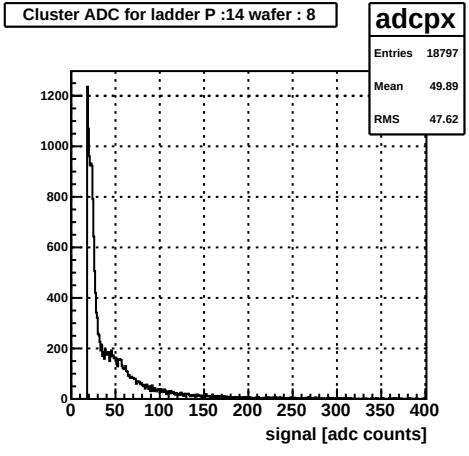

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 10939
Mean 71.27
RMS 58.31
signal [adc counts]

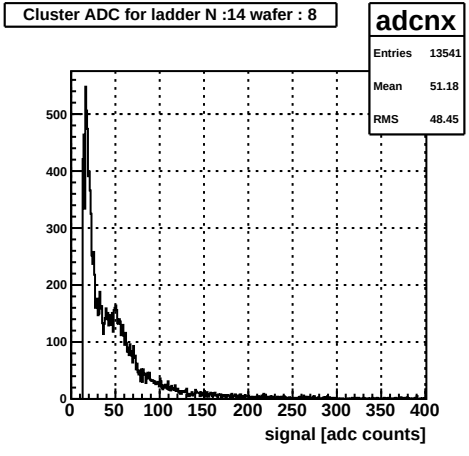

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6330
Mean 50.56
RMS 49.41
signal [adc counts]

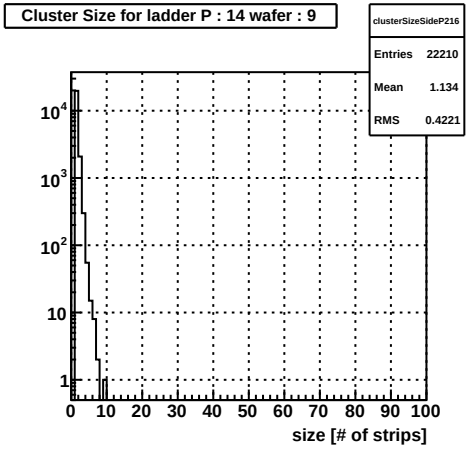

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 18797
Mean 1.188
RMS 0.4989
size [# of strips]

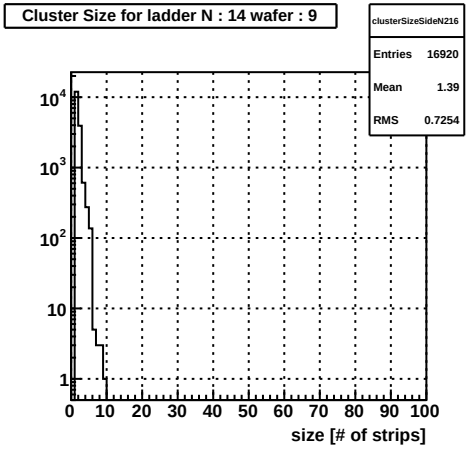

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 13541
Mean 1.505
RMS 0.8168
size [# of strips]

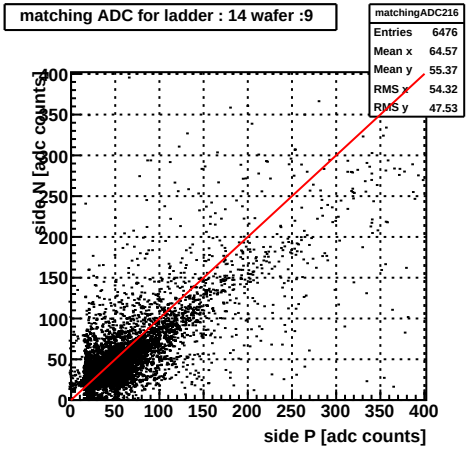

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 7087
Mean x 64.28
Mean y 63.08
RMS x 53.13
RMS y 51.33
side N [adc counts]
side P [adc counts]

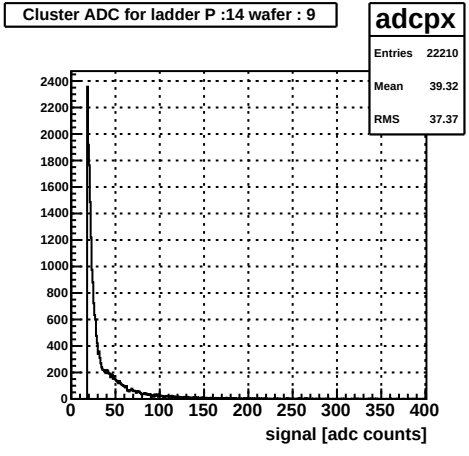

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 18797
Mean 49.89
RMS 47.62
signal [adc counts]

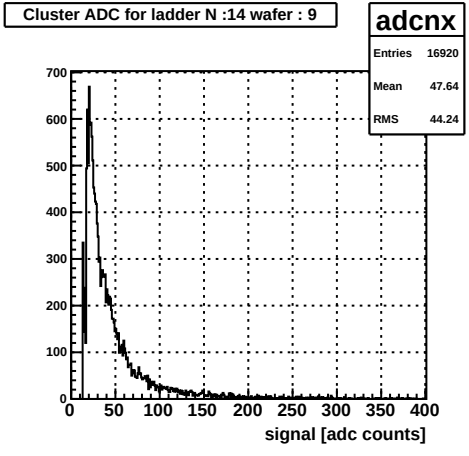

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 13541
Mean 51.18
RMS 48.45
signal [adc counts]

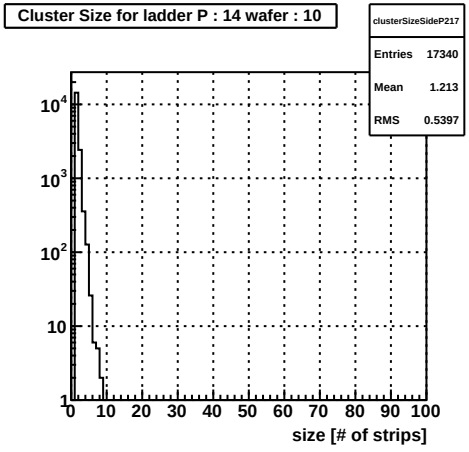

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 22210
Mean 1.134
RMS 0.4221
size [# of strips]

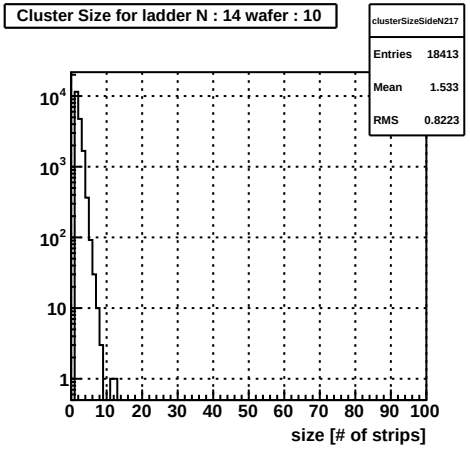

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 16920
Mean 1.39
RMS 0.7254
size [# of strips]

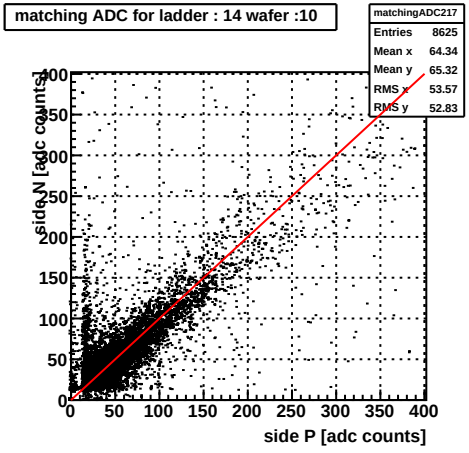

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6476
Mean x 64.57
Mean y 55.37
RMS x 54.32
RMS y 47.53
side N [adc counts]
side P [adc counts]

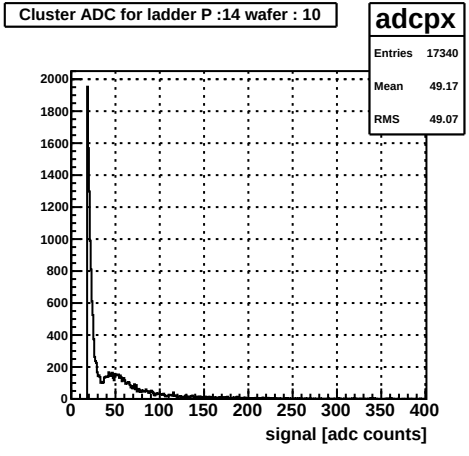

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 22210
Mean 39.32
RMS 37.37
signal [adc counts]

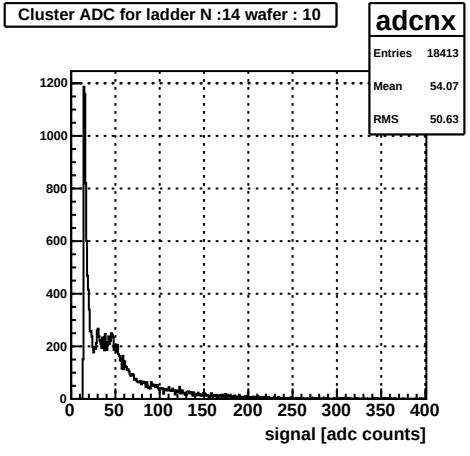

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 16920
Mean 47.64
RMS 44.24
signal [adc counts]

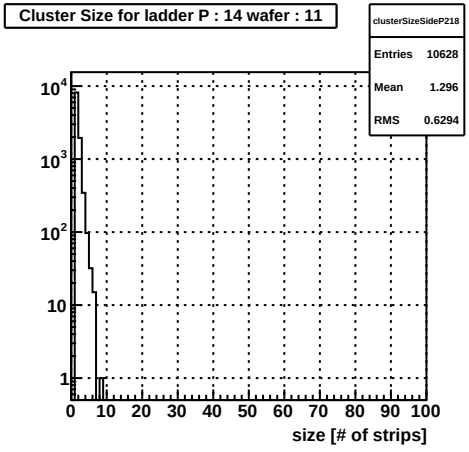

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 17340
Mean 1.213
RMS 0.5397
size [# of strips]

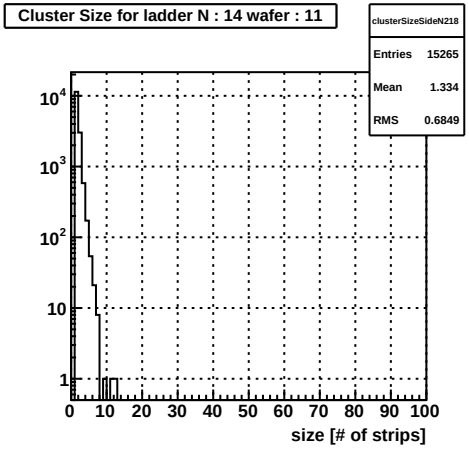

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 18413
Mean 1.533
RMS 0.8223
size [# of strips]

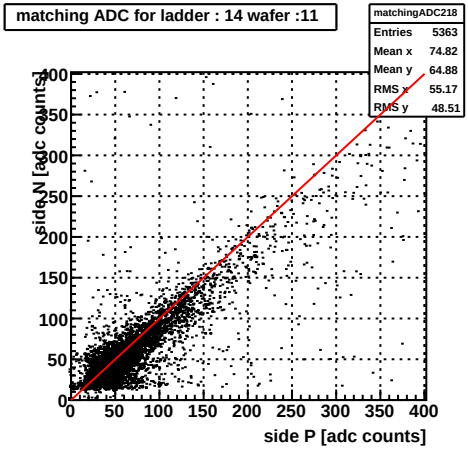

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 8625
Mean x 64.34
Mean y 65.32
RMS x 53.57
RMS y 52.83
side N [adc counts]
side P [adc counts]

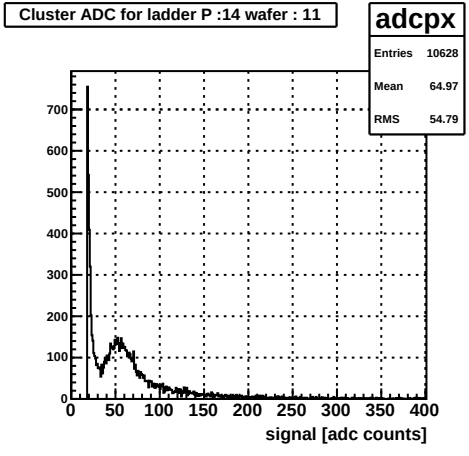

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 17340
Mean 49.17
RMS 49.07
signal [adc counts]

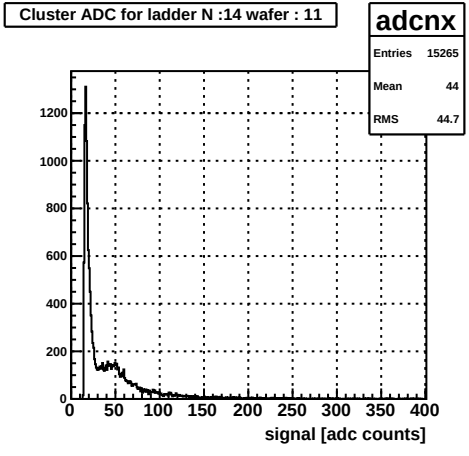

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 18413
Mean 54.07
RMS 50.63
signal [adc counts]

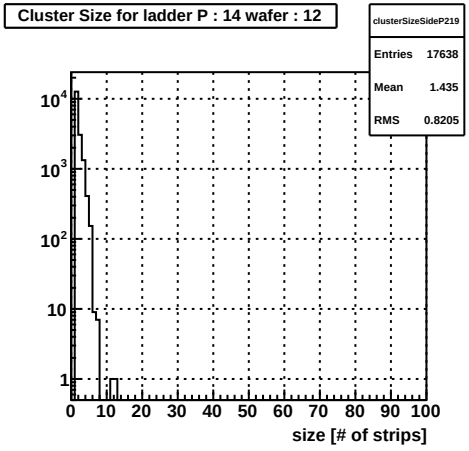

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 10628
Mean 1.296
RMS 0.6294
size [# of strips]

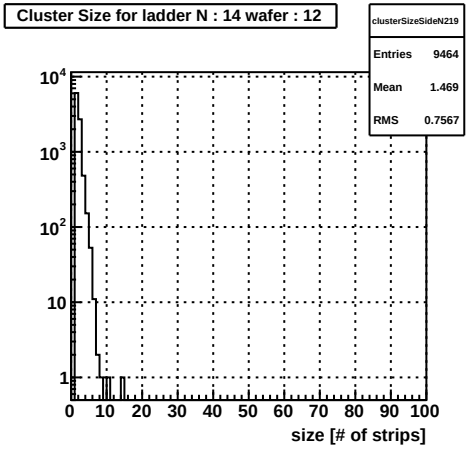

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 15265
Mean 1.334
RMS 0.6849
size [# of strips]

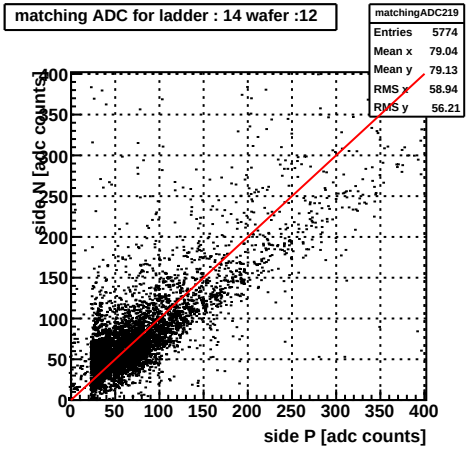

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 5363
Mean x 74.82
Mean y 64.88
RMS x 55.17
RMS y 48.51
side N [adc counts]
side P [adc counts]

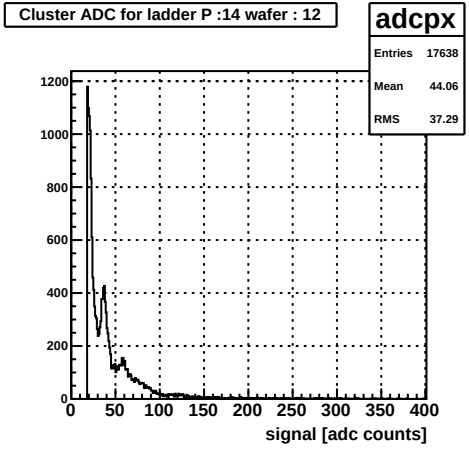

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 10628
Mean 64.97
RMS 54.79
signal [adc counts]

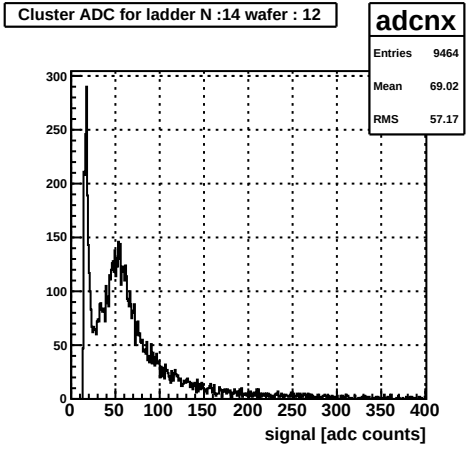

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 15265
Mean 44
RMS 44.7
signal [adc counts]

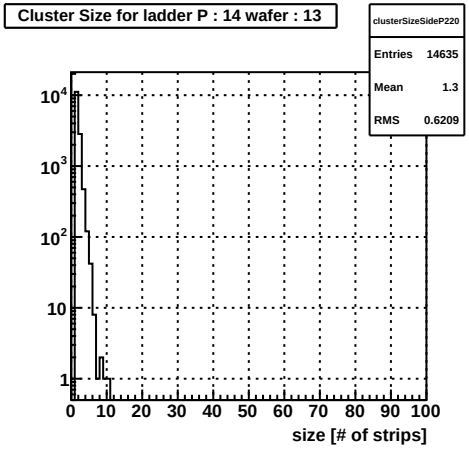

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 17638
Mean 1.435
RMS 0.8205
size [# of strips]

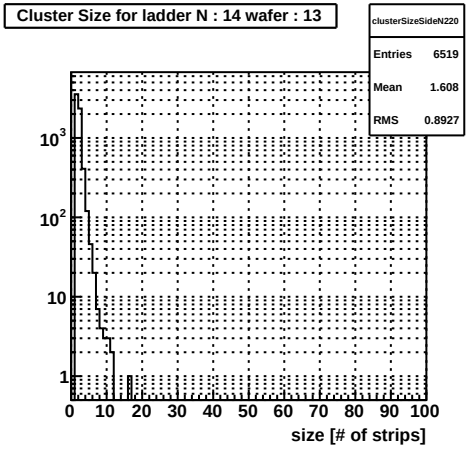

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 9464
Mean 1.469
RMS 0.7567
size [# of strips]

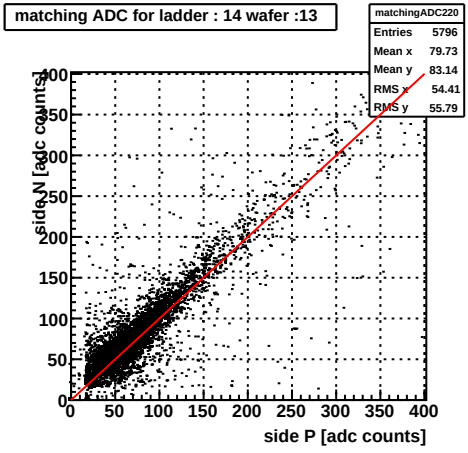

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 5774
Mean x 79.04
Mean y 79.13
RMS x 58.94
RMS y 56.21
side N [adc counts]
side P [adc counts]

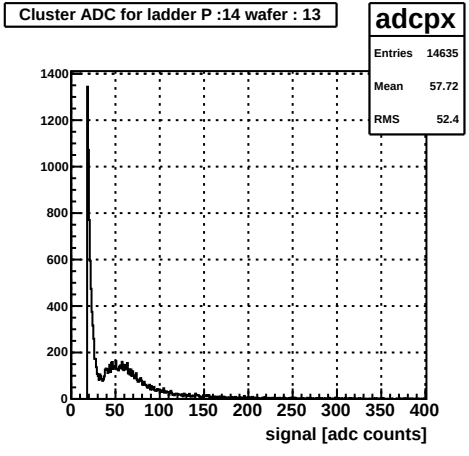

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 17638
Mean 44.06
RMS 37.29
signal [adc counts]

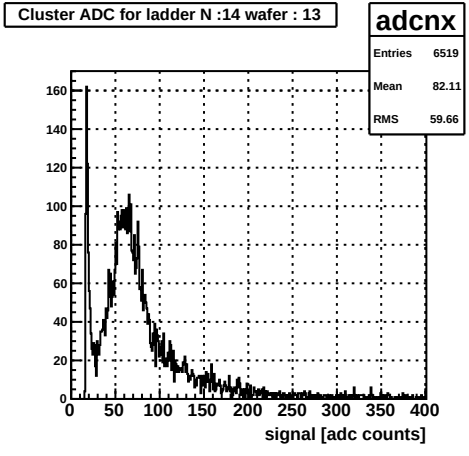

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 9464
Mean 69.02
RMS 57.17
signal [adc counts]

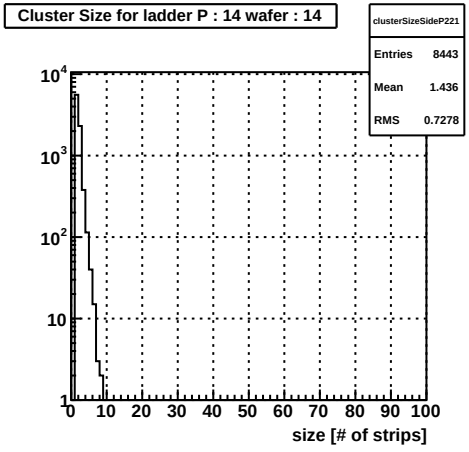

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 14635
Mean 1.3
RMS 0.6209
size [# of strips]

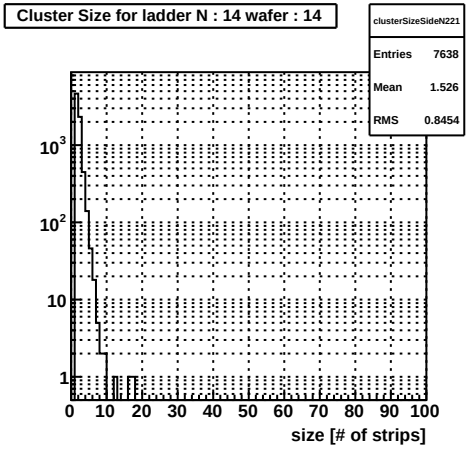

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 6519
Mean 1.608
RMS 0.8927
size [# of strips]

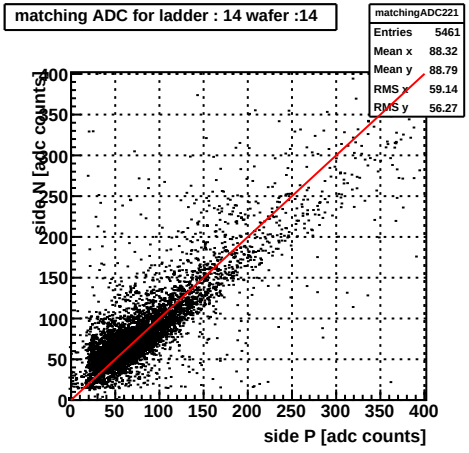

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 5796
Mean x 79.73
Mean y 83.14
RMS x 54.41
RMS y 55.79
side N [adc counts]
side P [adc counts]

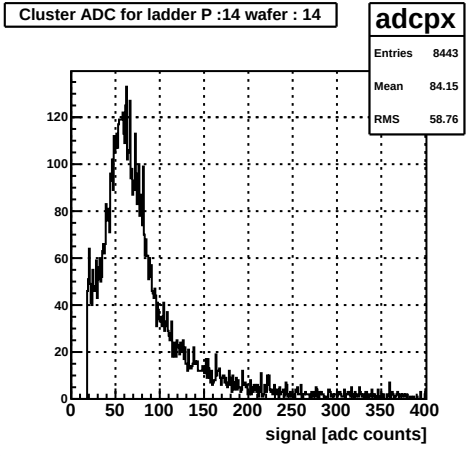

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 14635
Mean 57.72
RMS 52.4
signal [adc counts]

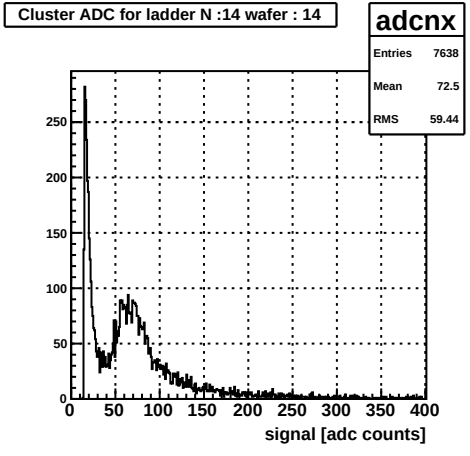

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 6519
Mean 82.11
RMS 59.66
signal [adc counts]

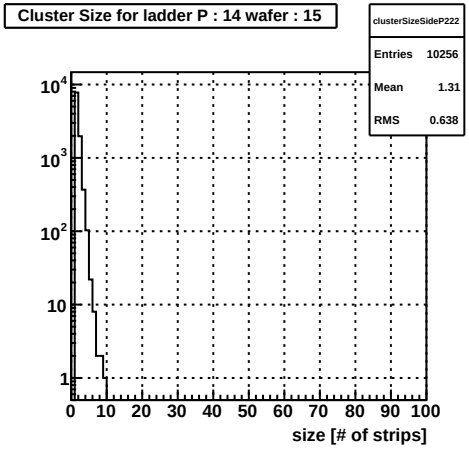

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 8443
Mean 1.436
RMS 0.7278
size [# of strips]

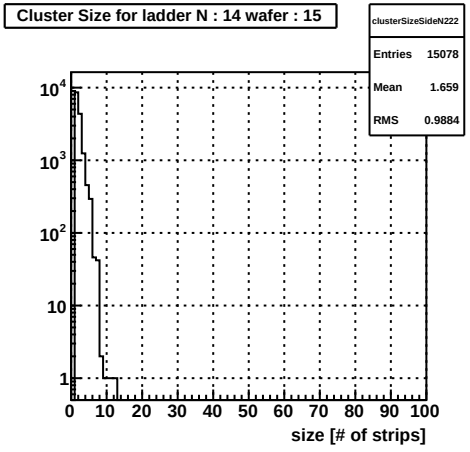

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 7638
Mean 1.526
RMS 0.8454
size [# of strips]

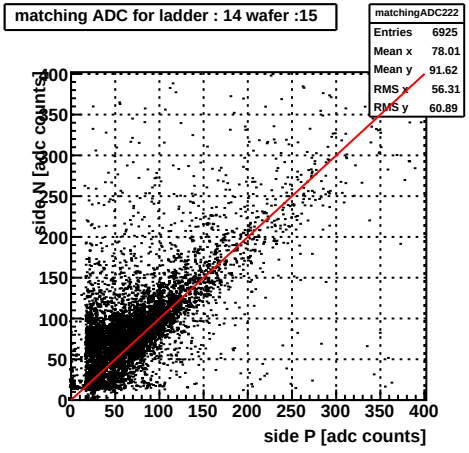

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 5461
Mean x 88.32
Mean y 88.79
RMS x 59.14
RMS y 56.27
side N [adc counts]
side P [adc counts]

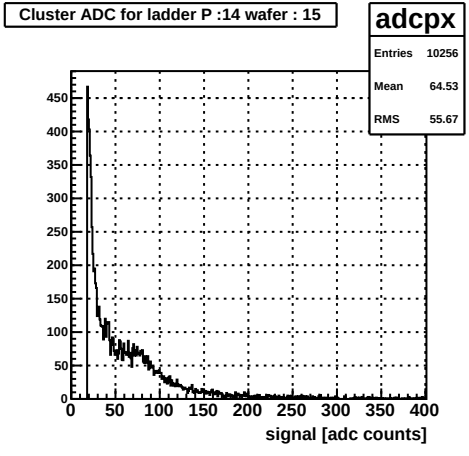

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 8443
Mean 84.15
RMS 58.76
signal [adc counts]

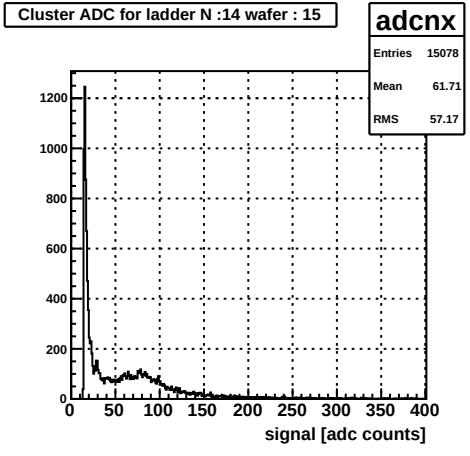

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 7638
Mean 72.5
RMS 59.44
signal [adc counts]

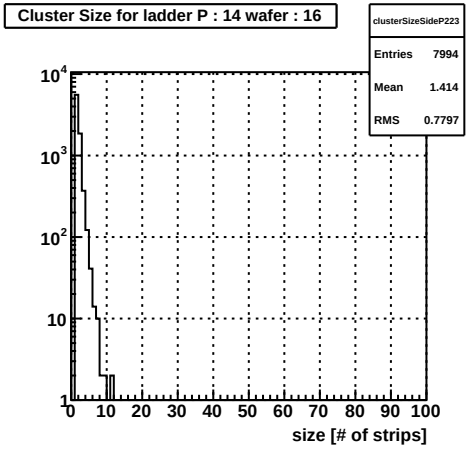

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 10256
Mean 1.31
RMS 0.638
size [# of strips]

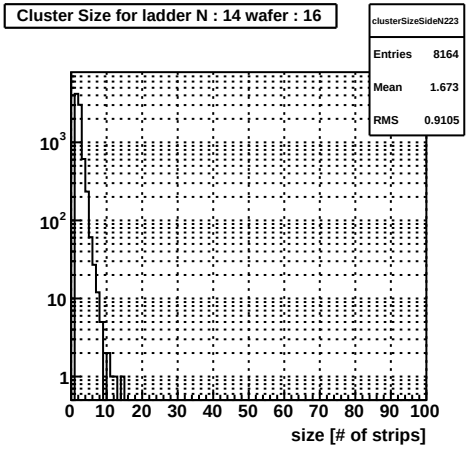

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 15078
Mean 1.659
RMS 0.9884
size [# of strips]

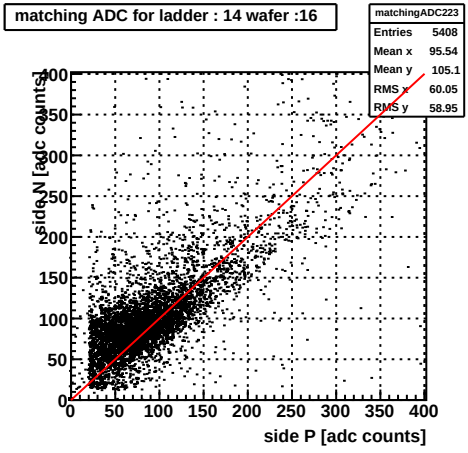

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 6925
Mean x 78.01
Mean y 91.62
RMS x 56.31
RMS y 60.89
side N [adc counts]
side P [adc counts]

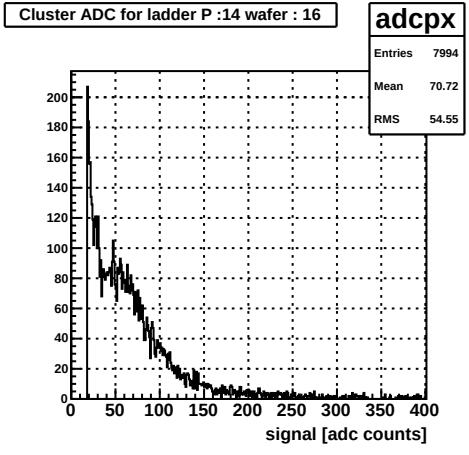

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 10256
Mean 64.53
RMS 55.67
signal [adc counts]

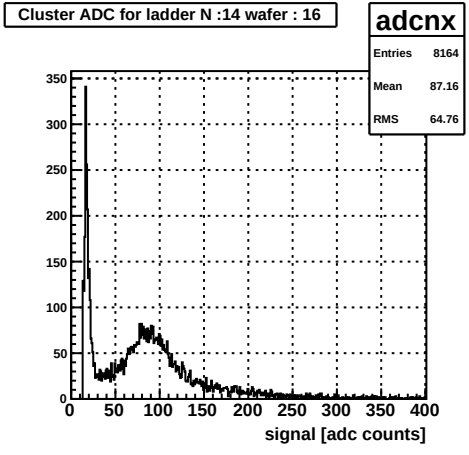

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 15078
Mean 61.71
RMS 57.17
signal [adc counts]

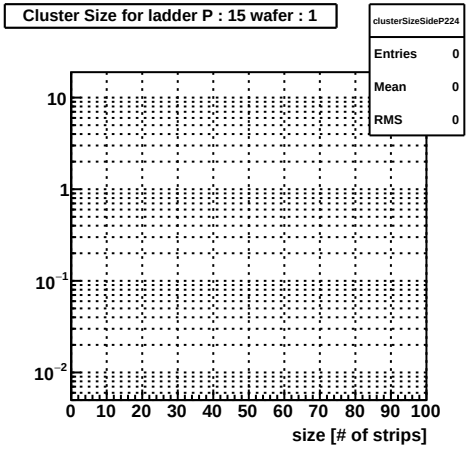

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 7994
Mean 1.414
RMS 0.7797
size [# of strips]

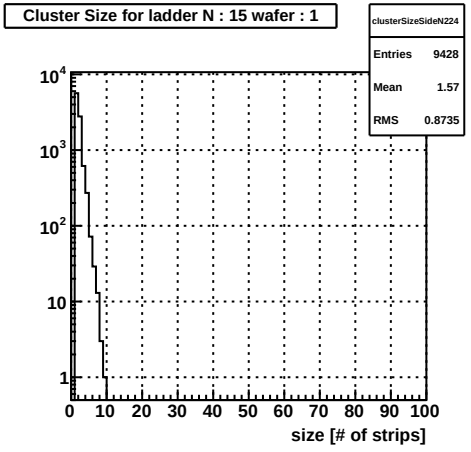

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 8164
Mean 1.673
RMS 0.9105
size [# of strips]

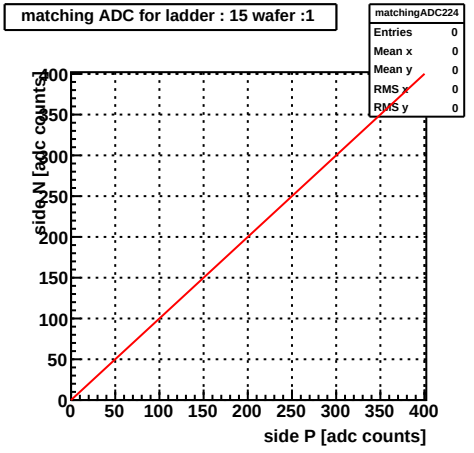

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 5408
Mean x 95.54
Mean y 105.1
RMS x 60.05
RMS y 58.95
side N [adc counts]
side P [adc counts]

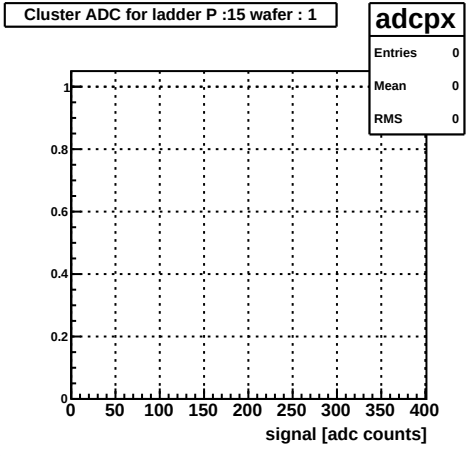

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 7994
Mean 70.72
RMS 54.55
signal [adc counts]

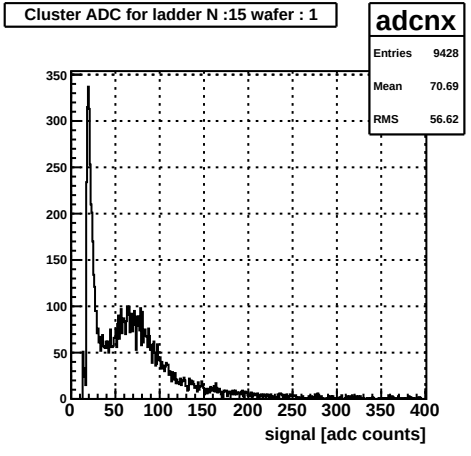

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 8164
Mean 87.16
RMS 64.76
signal [adc counts]

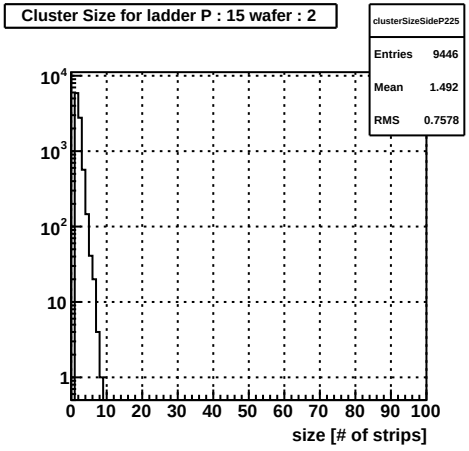

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

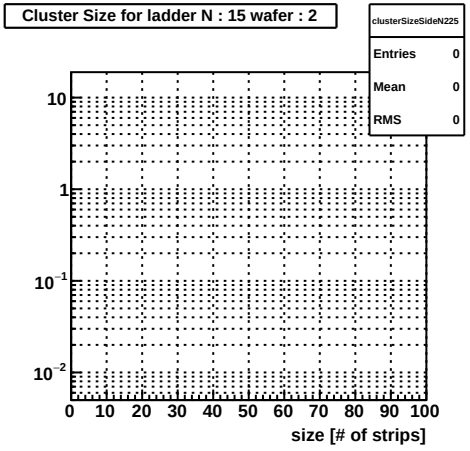

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 9428
Mean 1.57
RMS 0.8735
size [# of strips]

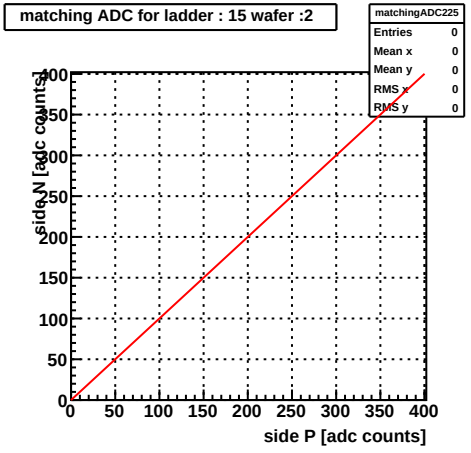

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

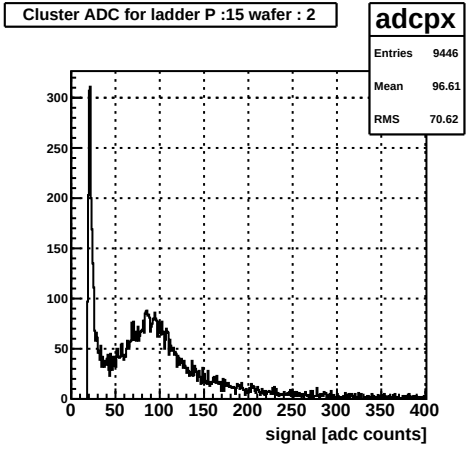

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

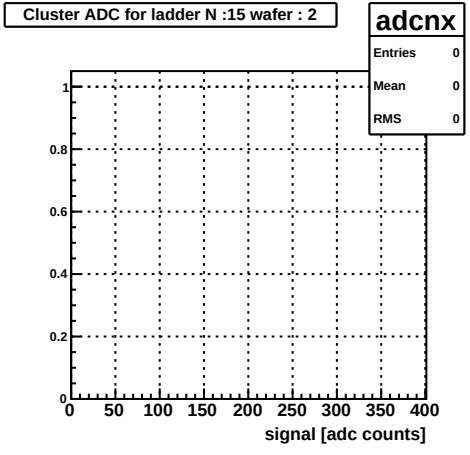

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 9428
Mean 70.69
RMS 56.62
signal [adc counts]

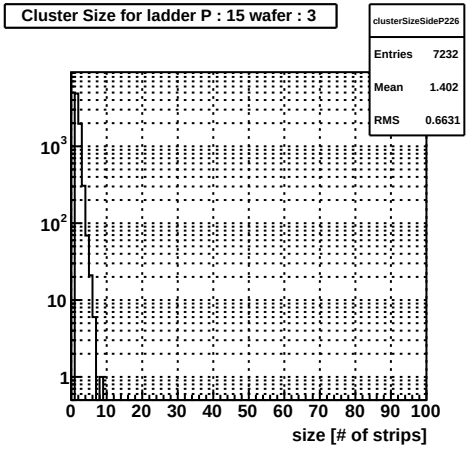

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 9446
Mean 1.492
RMS 0.7578
size [# of strips]

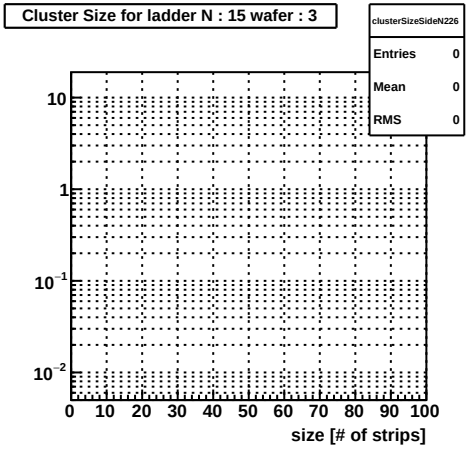

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

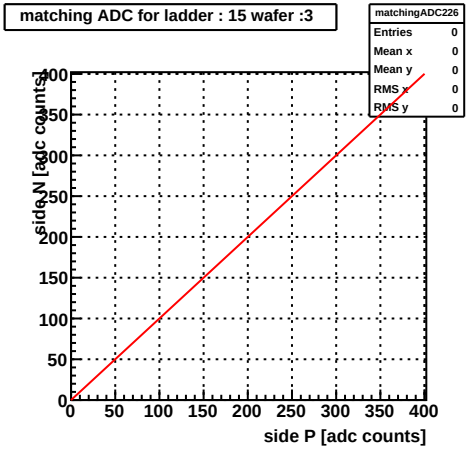

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

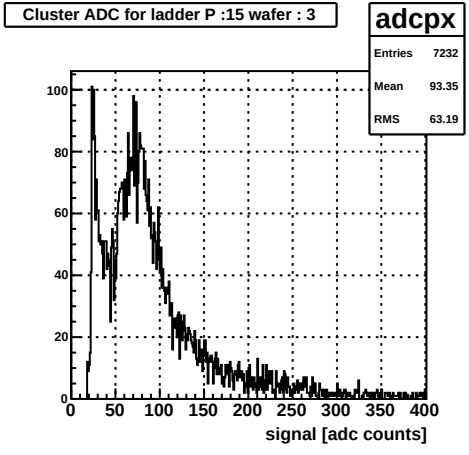

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 9446
Mean 96.61
RMS 70.62
signal [adc counts]

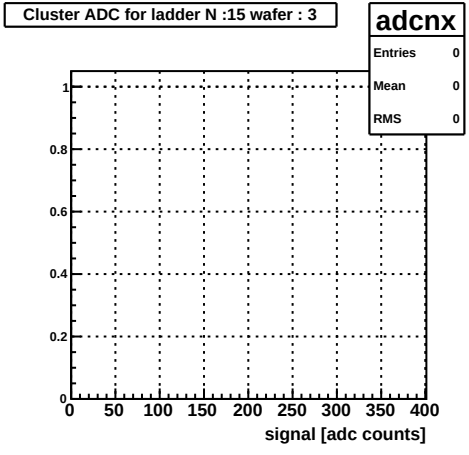

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

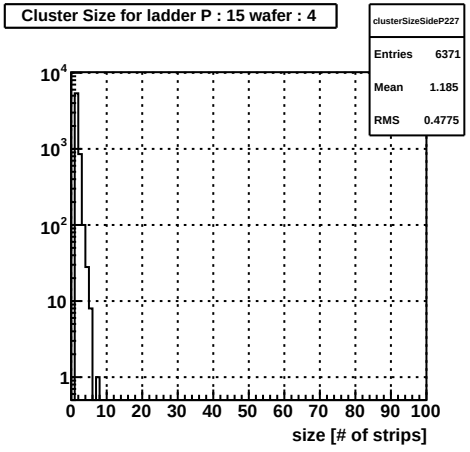

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 7232
Mean 1.402
RMS 0.6631
size [# of strips]

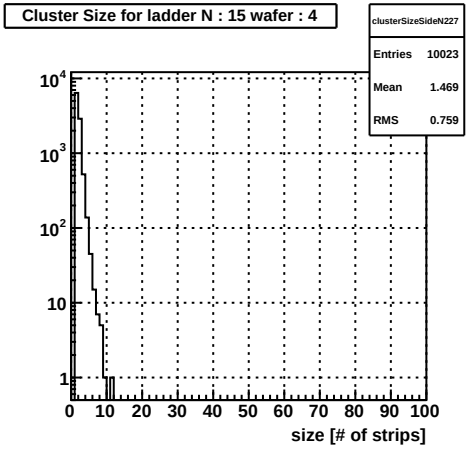

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

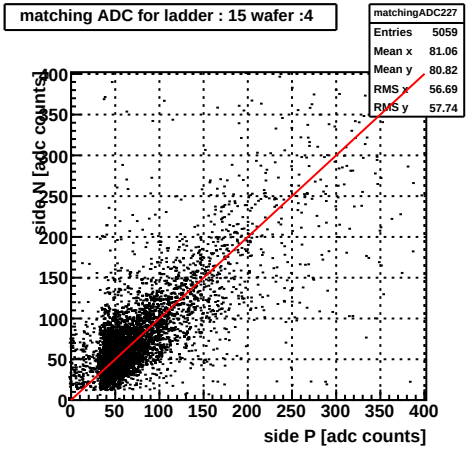

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

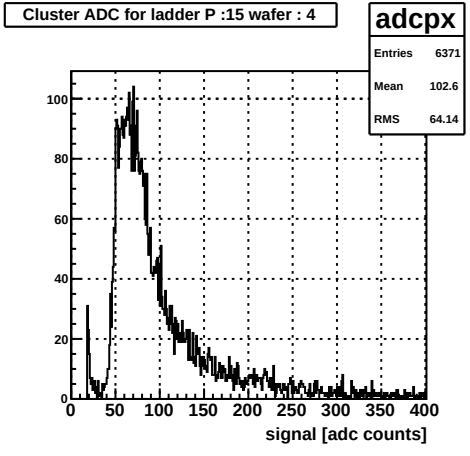

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 7232
Mean 93.35
RMS 63.19
signal [adc counts]

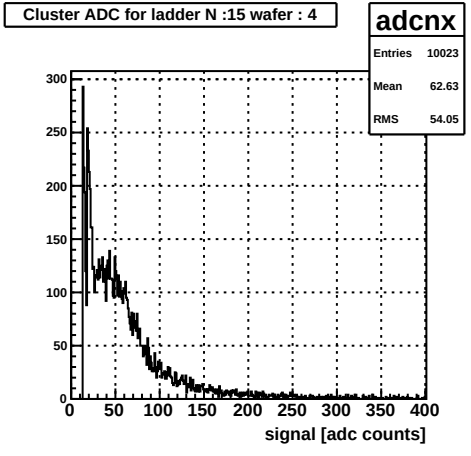

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

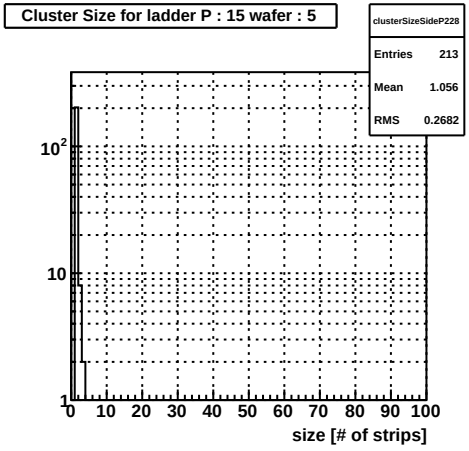

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 6371
Mean 1.185
RMS 0.4775
size [# of strips]

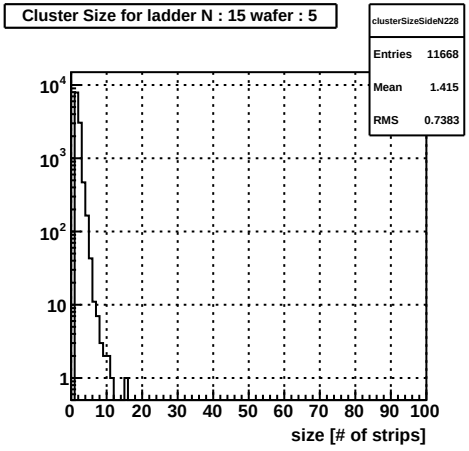

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 10023
Mean 1.469
RMS 0.759
size [# of strips]

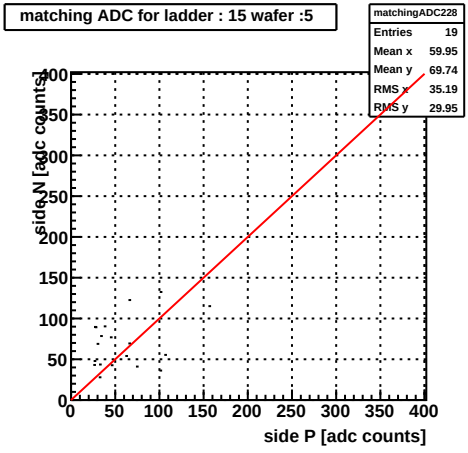

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5059
Mean x 81.06
Mean y 80.82
RMS x 56.69
RMS y 57.74
side N [adc counts]
side P [adc counts]

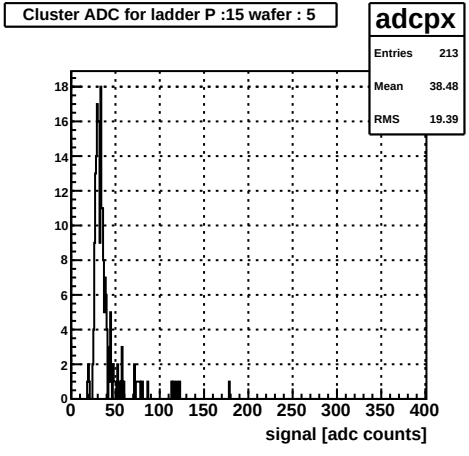

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 6371
Mean 102.6
RMS 64.14
signal [adc counts]

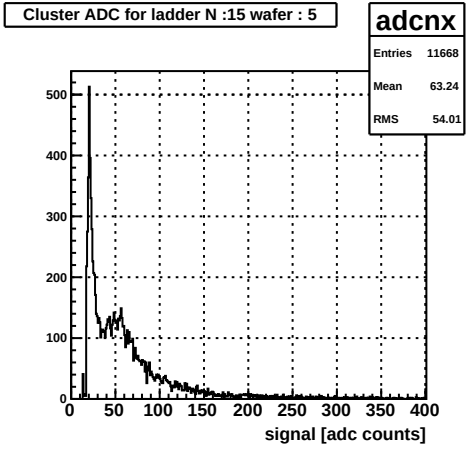

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 10023
Mean 62.63
RMS 54.05
signal [adc counts]

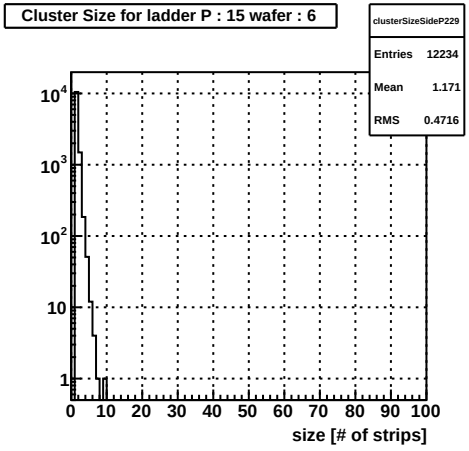

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 213
Mean 1.056
RMS 0.2682
size [# of strips]

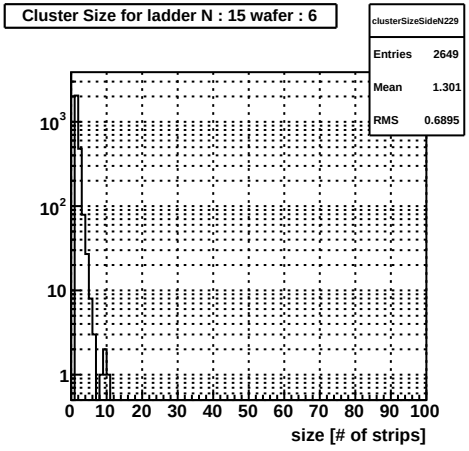

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 11668
Mean 1.415
RMS 0.7383
size [# of strips]

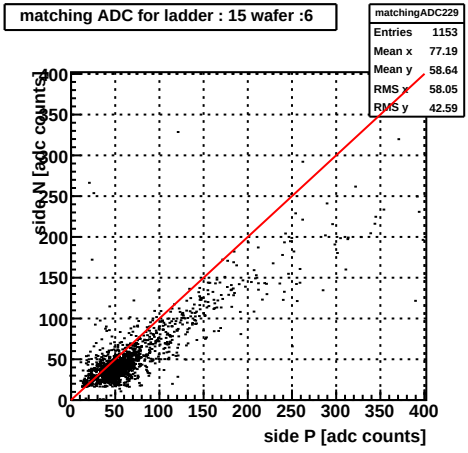

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 19
Mean x 59.95
Mean y 69.74
RMS x 35.19
RMS y 29.95
side N [adc counts]
side P [adc counts]

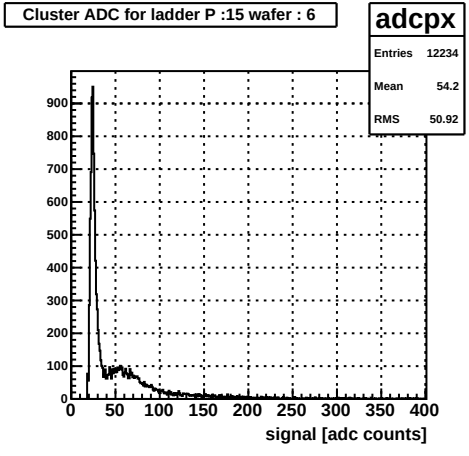

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 213
Mean 38.48
RMS 19.39
signal [adc counts]

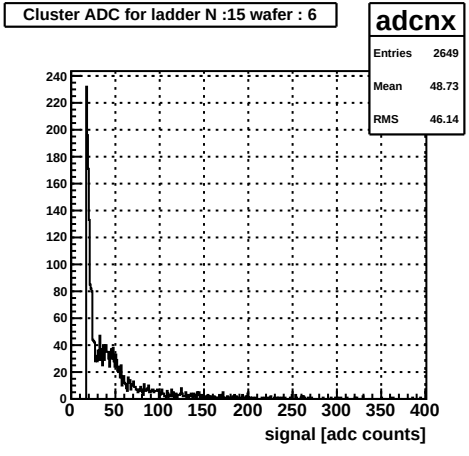

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 11668
Mean 63.24
RMS 54.01
signal [adc counts]

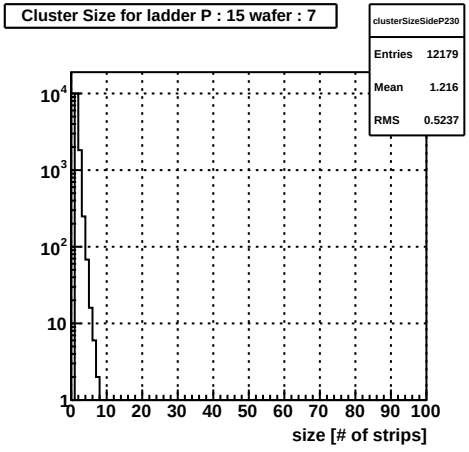

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 12234
Mean 1.171
RMS 0.4716
size [# of strips]

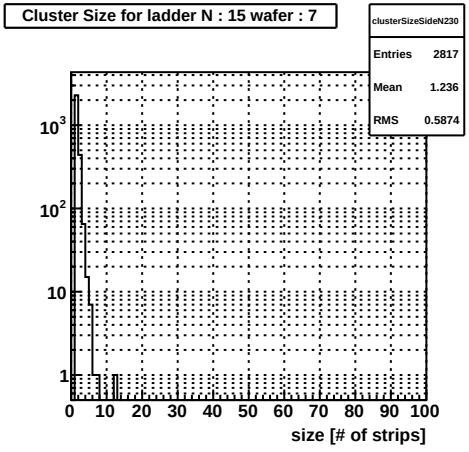

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2649
Mean 1.301
RMS 0.6895
size [# of strips]

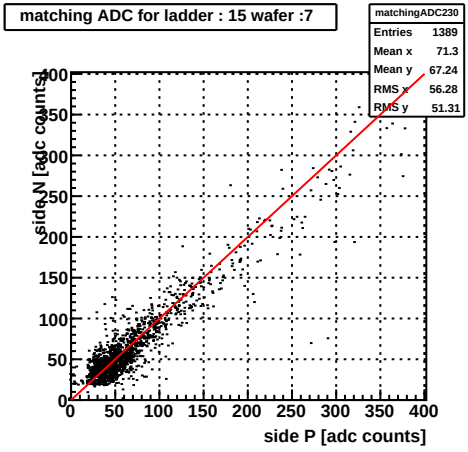

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1153
Mean x 77.19
Mean y 58.64
RMS x 58.05
RMS y 42.59
side N [adc counts]
side P [adc counts]

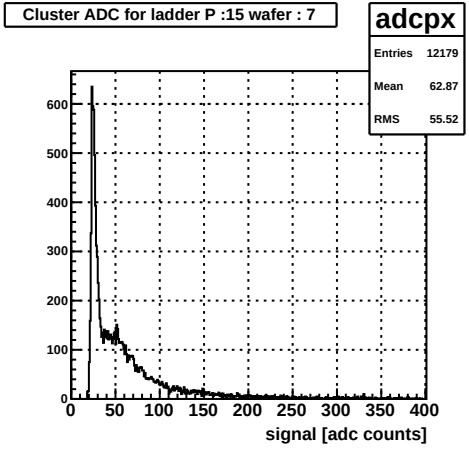

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 12234
Mean 54.2
RMS 50.92
signal [adc counts]

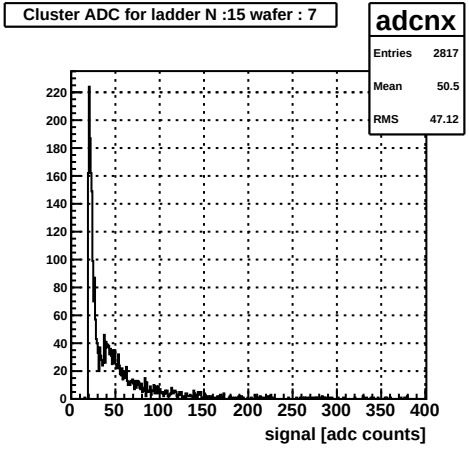

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2649
Mean 48.73
RMS 46.14
signal [adc counts]

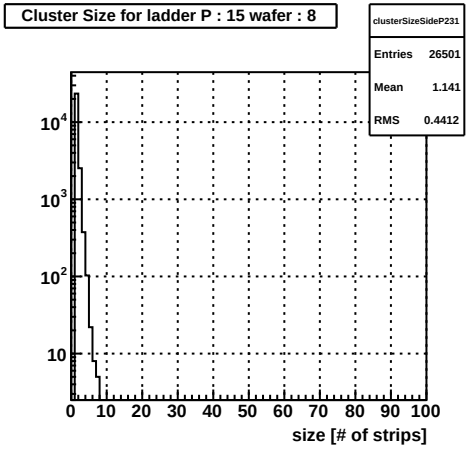

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 12179
Mean 1.216
RMS 0.5237
size [# of strips]

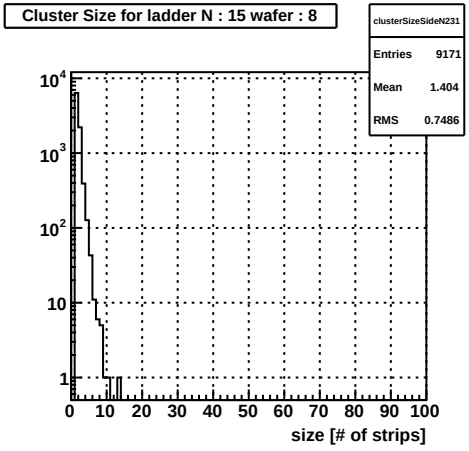

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2817
Mean 1.236
RMS 0.5874
size [# of strips]

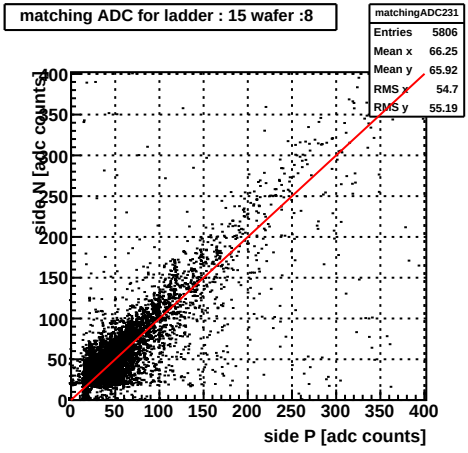

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1389
Mean x 71.3
Mean y 67.24
RMS x 56.28
RMS y 51.31
side N [adc counts]
side P [adc counts]

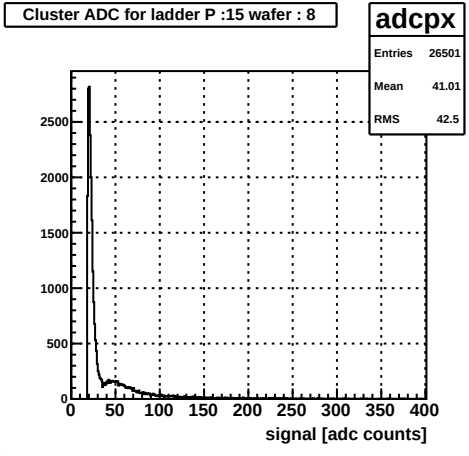

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 12179
Mean 62.87
RMS 55.52
signal [adc counts]

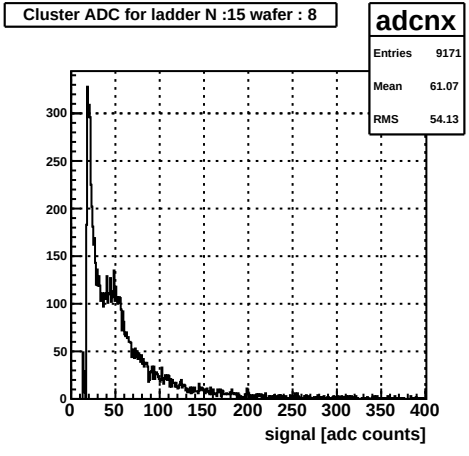

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2817
Mean 50.5
RMS 47.12
signal [adc counts]

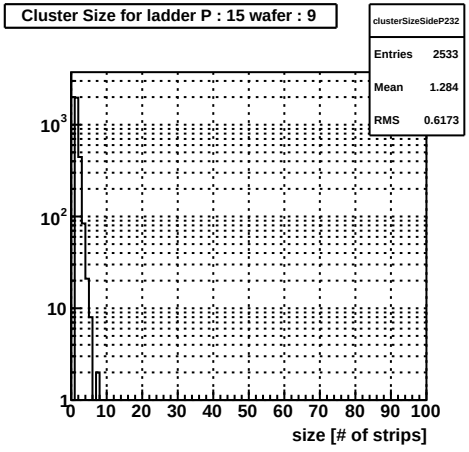

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 26501
Mean 1.141
RMS 0.4412
size [# of strips]

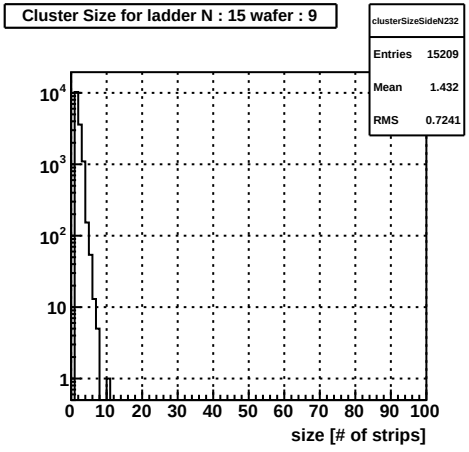

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 9171
Mean 1.404
RMS 0.7486
size [# of strips]

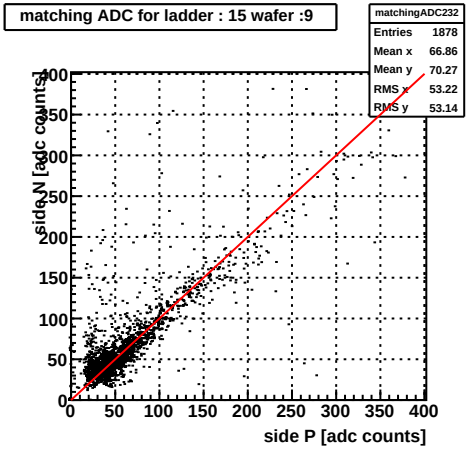

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 5806
Mean x 66.25
Mean y 65.92
RMS x 54.7
RMS y 55.19
side N [adc counts]
side P [adc counts]

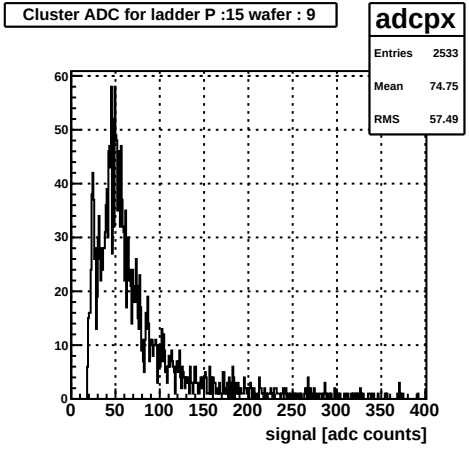

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 26501
Mean 41.01
RMS 42.5
signal [adc counts]

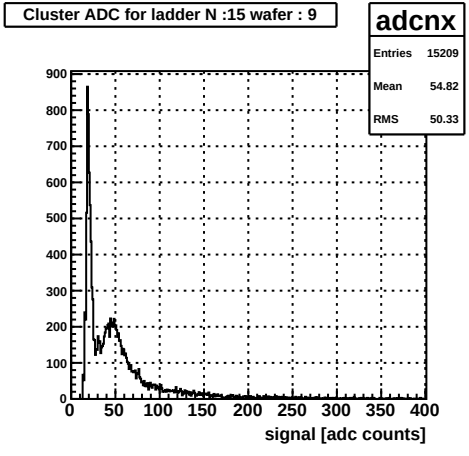

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 9171
Mean 61.07
RMS 54.13
signal [adc counts]

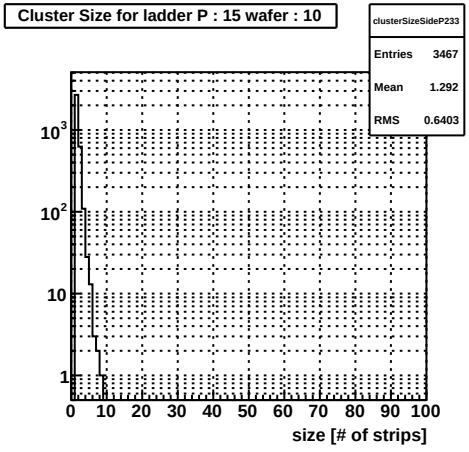

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2533
Mean 1.284
RMS 0.6173
size [# of strips]

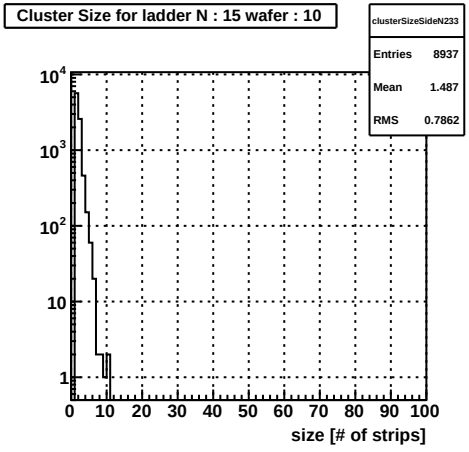

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 15209
Mean 1.432
RMS 0.7241
size [# of strips]

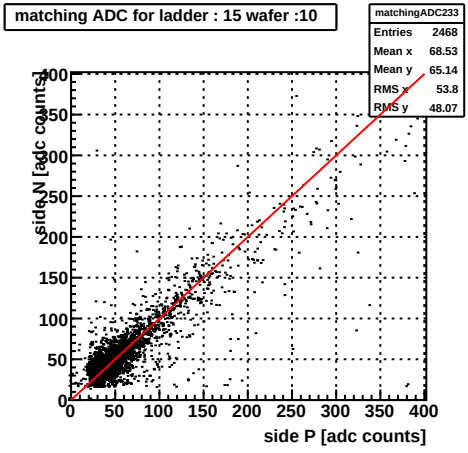

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1878
Mean x 66.86
Mean y 70.27
RMS x 53.22
RMS y 53.14
side N [adc counts]
side P [adc counts]

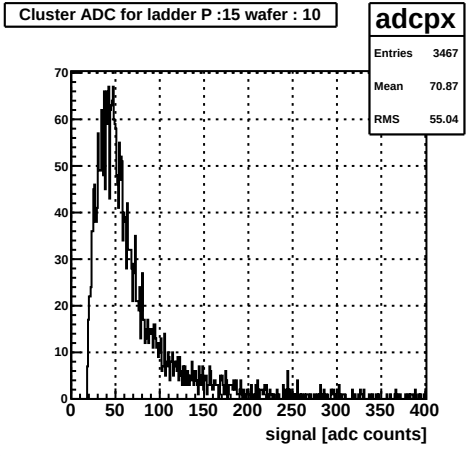

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2533
Mean 74.75
RMS 57.49
signal [adc counts]

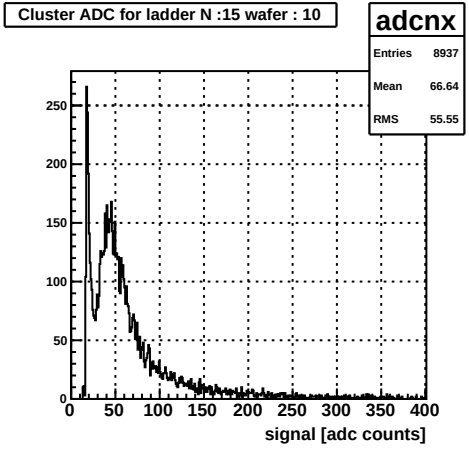

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 15209
Mean 54.82
RMS 50.33
signal [adc counts]

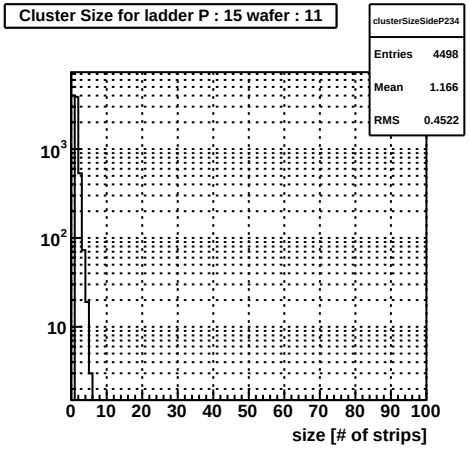

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3467
Mean 1.292
RMS 0.6403
size [# of strips]

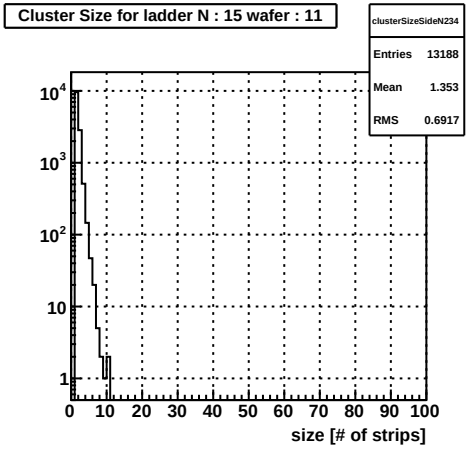

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 8937
Mean 1.487
RMS 0.7862
size [# of strips]

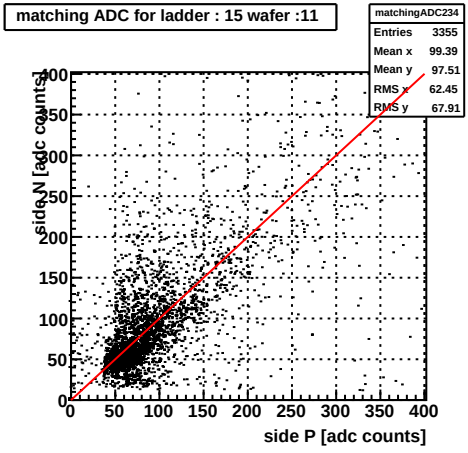

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2468
Mean x 68.53
Mean y 65.14
RMS x 53.8
RMS y 48.07
side N [adc counts]
side P [adc counts]

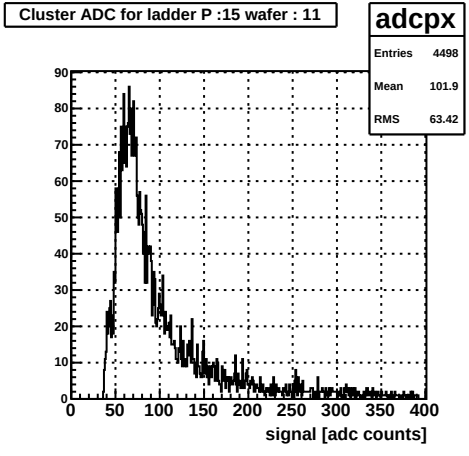

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3467
Mean 70.87
RMS 55.04
signal [adc counts]

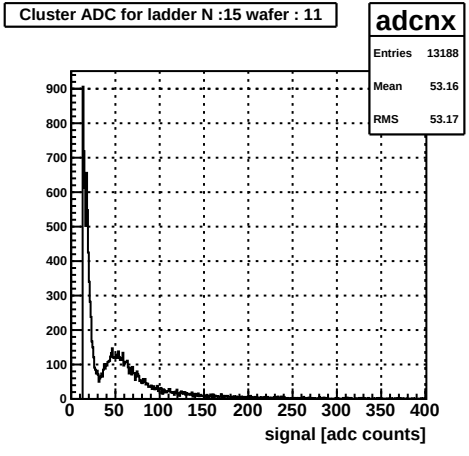

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 8937
Mean 66.64
RMS 55.55
signal [adc counts]

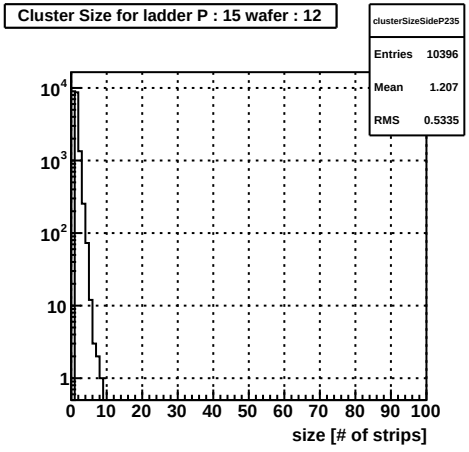

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 4498
Mean 1.166
RMS 0.4522
size [# of strips]

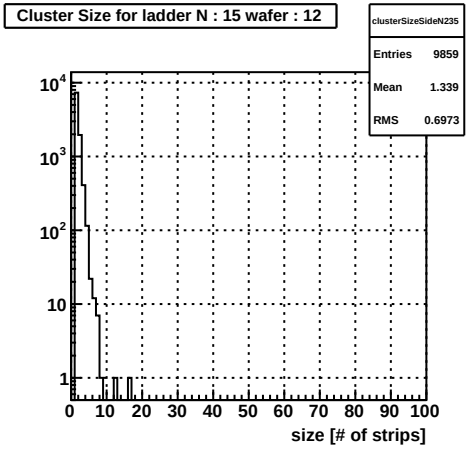

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 13188
Mean 1.353
RMS 0.6917
size [# of strips]

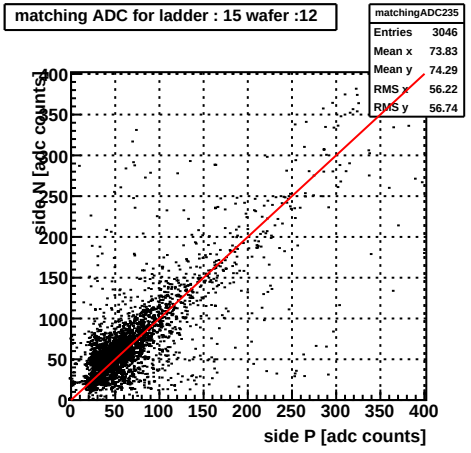

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 3355
Mean x 99.39
Mean y 97.51
RMS x 62.45
RMS y 67.91
side N [adc counts]
side P [adc counts]

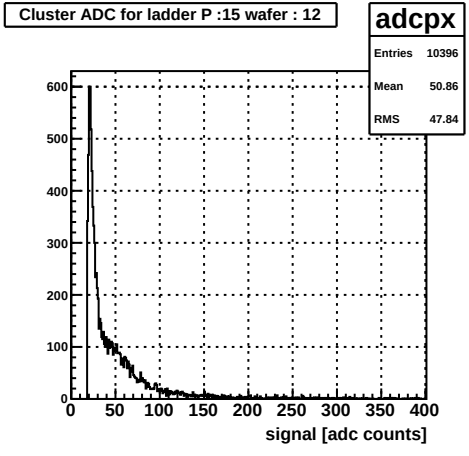

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 4498
Mean 101.9
RMS 63.42
signal [adc counts]

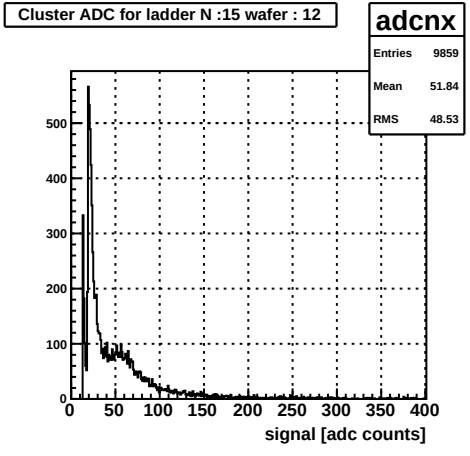

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 13188
Mean 53.16
RMS 53.17
signal [adc counts]

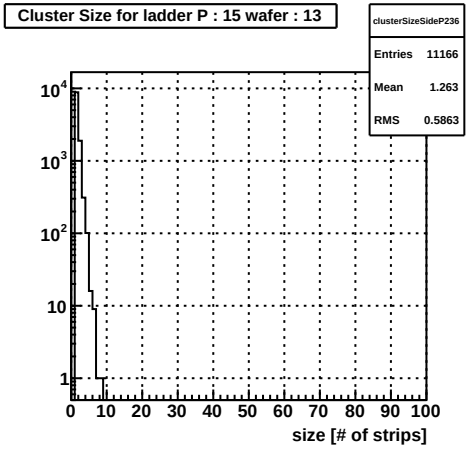

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 10396
Mean 1.207
RMS 0.5335
size [# of strips]

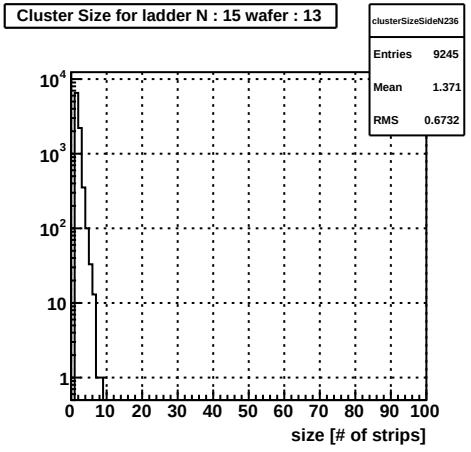

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 9859
Mean 1.339
RMS 0.6973
size [# of strips]

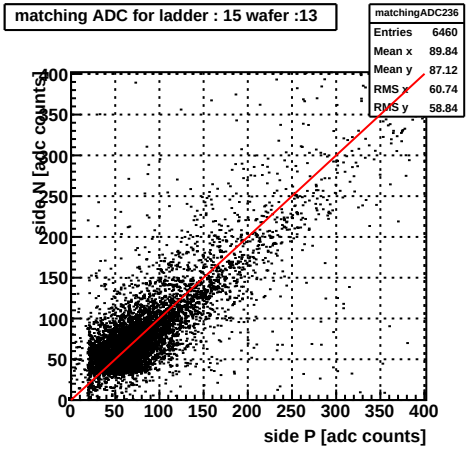

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 3046
Mean x 73.83
Mean y 74.29
RMS x 56.22
RMS y 56.74
side N [adc counts]
side P [adc counts]

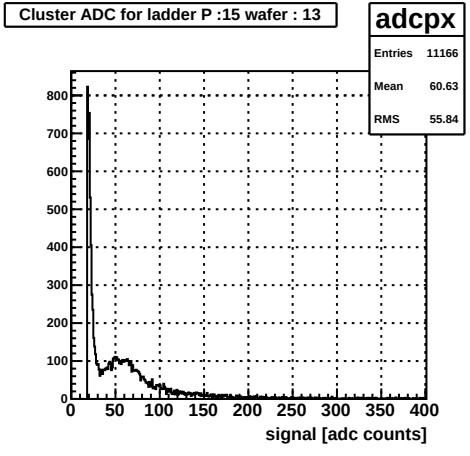

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 10396
Mean 50.86
RMS 47.84
signal [adc counts]

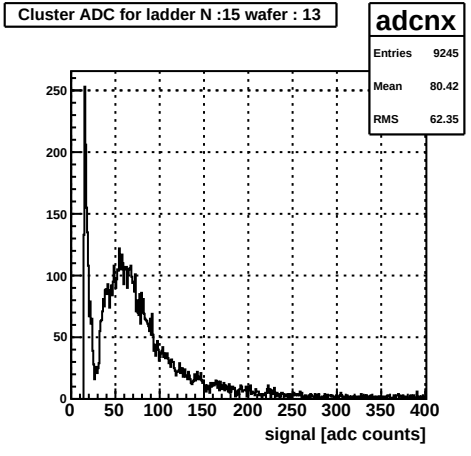

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 9859
Mean 51.84
RMS 48.53
signal [adc counts]

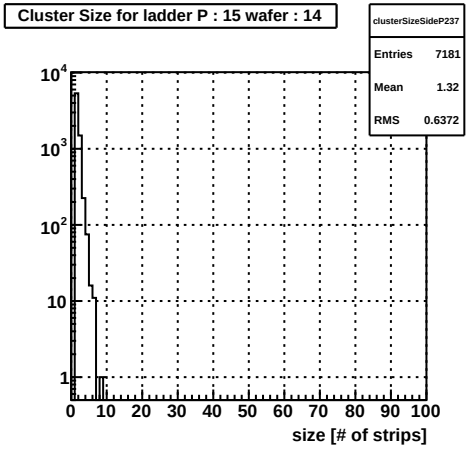

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 11166
Mean 1.263
RMS 0.5863
size [# of strips]

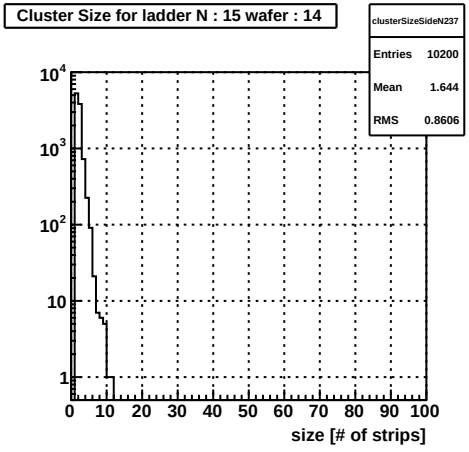

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 9245
Mean 1.371
RMS 0.6732
size [# of strips]

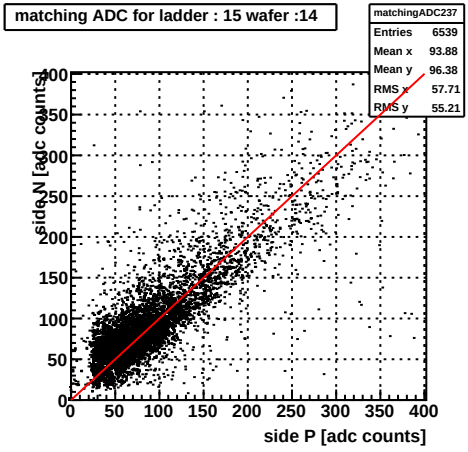

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 6460
Mean x 89.84
Mean y 87.12
RMS x 60.74
RMS y 58.84
side N [adc counts]
side P [adc counts]

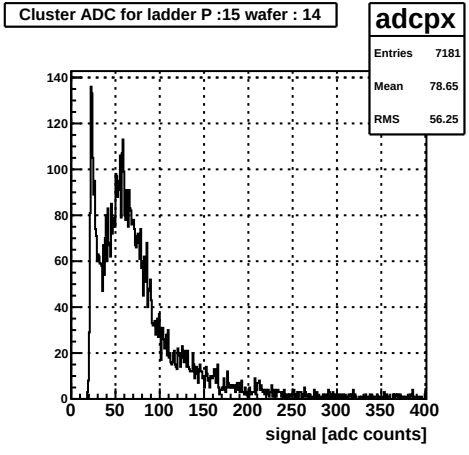

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 11166
Mean 60.63
RMS 55.84
signal [adc counts]

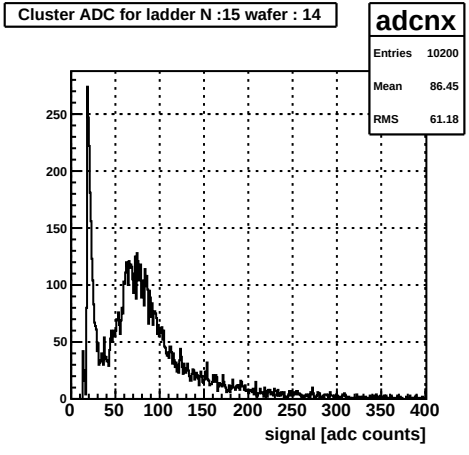

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 9245
Mean 80.42
RMS 62.35
signal [adc counts]

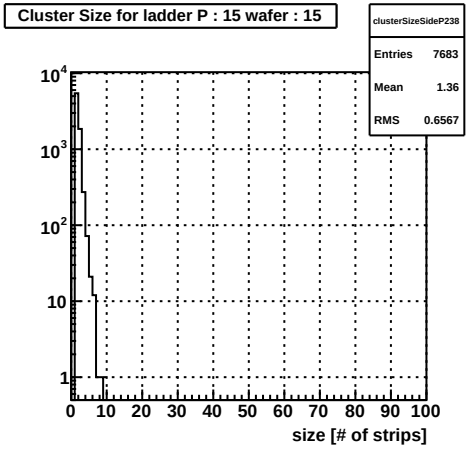

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 7181
Mean 1.32
RMS 0.6372
size [# of strips]

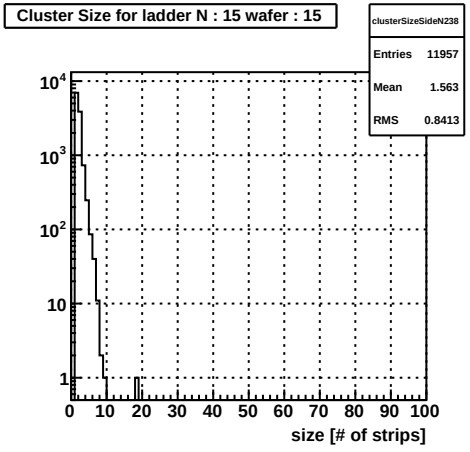

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 10200
Mean 1.644
RMS 0.8606
size [# of strips]

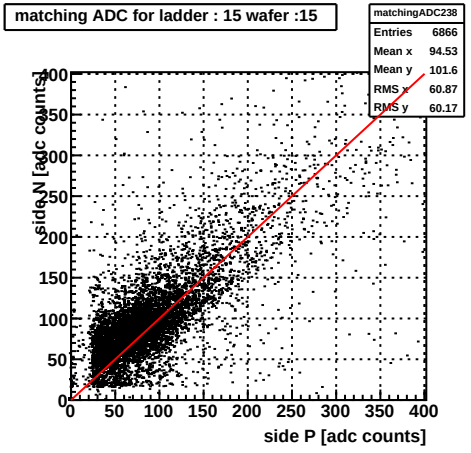

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 6539
Mean x 93.88
Mean y 96.38
RMS x 57.71
RMS y 55.21
side N [adc counts]
side P [adc counts]

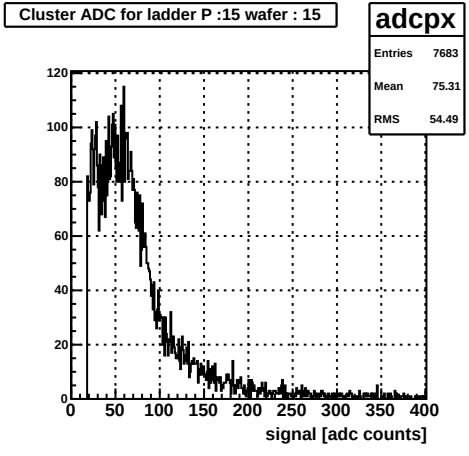

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 7181
Mean 78.65
RMS 56.25
signal [adc counts]

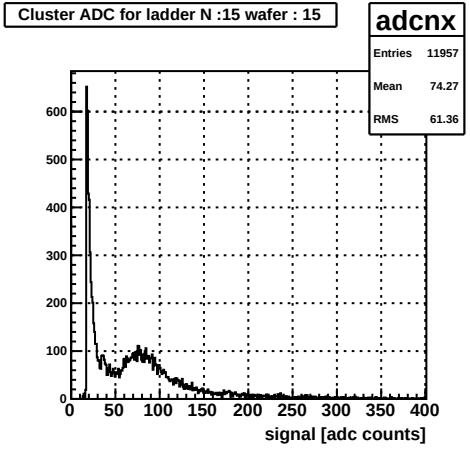

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 10200
Mean 86.45
RMS 61.18
signal [adc counts]

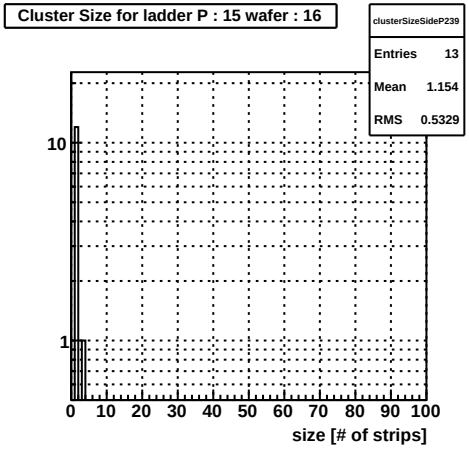

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 7683
Mean 1.36
RMS 0.6567
size [# of strips]

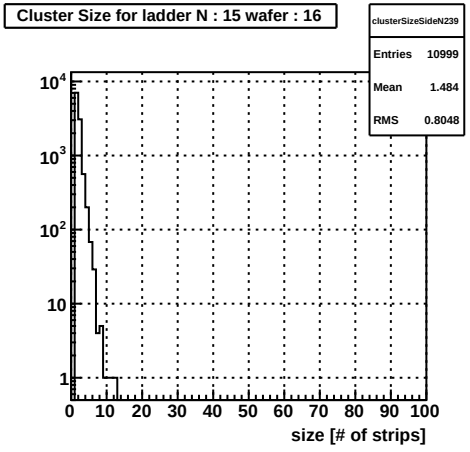

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 11957
Mean 1.563
RMS 0.8413
size [# of strips]

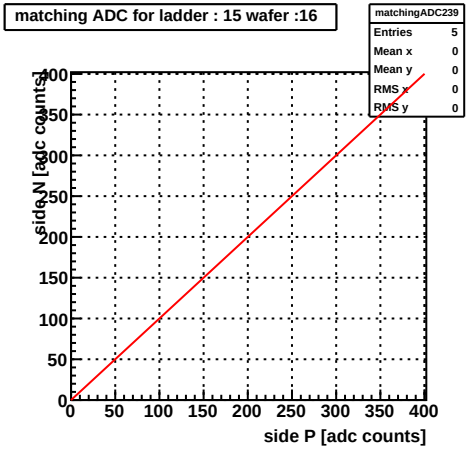

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 6866
Mean x 94.53
Mean y 101.6
RMS x 60.87
RMS y 60.17
side N [adc counts]
side P [adc counts]

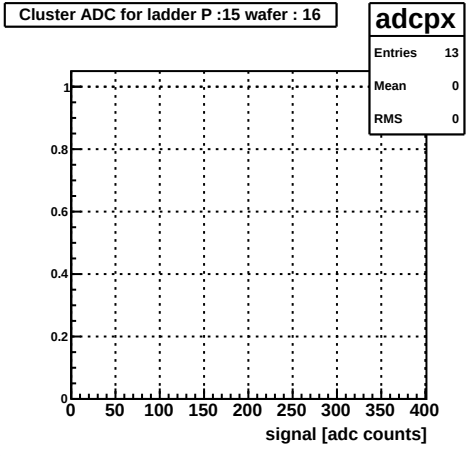

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 7683
Mean 75.31
RMS 54.49
signal [adc counts]

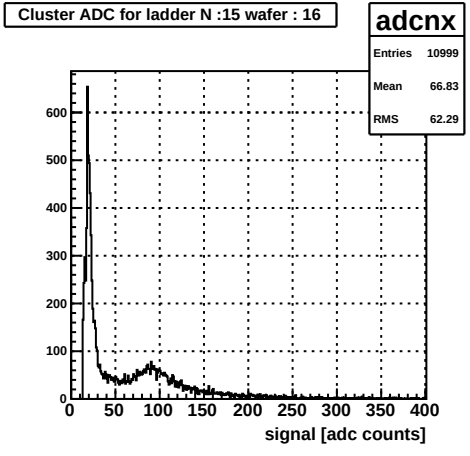

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 11957
Mean 74.27
RMS 61.36
signal [adc counts]

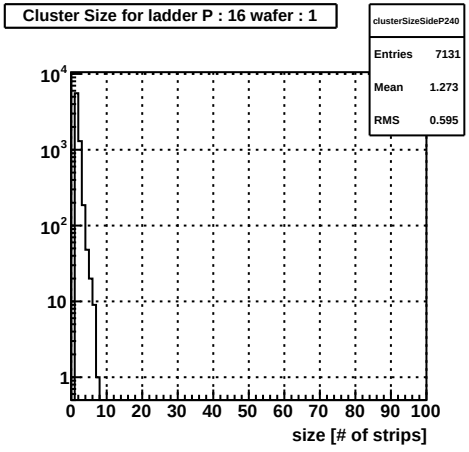

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 13
Mean 1.154
RMS 0.5329
size [# of strips]

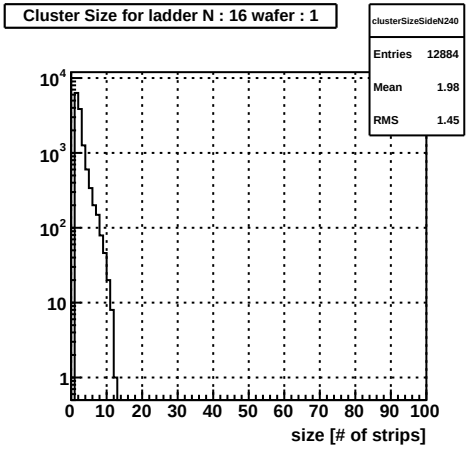

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 10999
Mean 1.484
RMS 0.8048
size [# of strips]

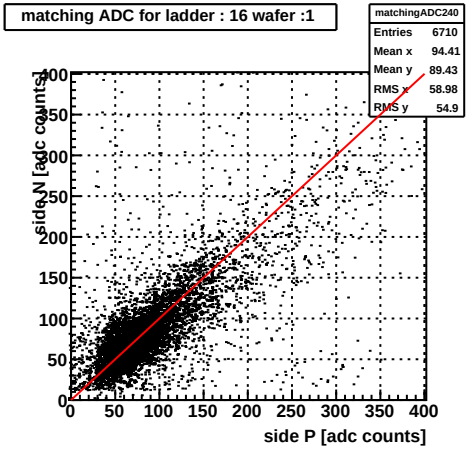

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

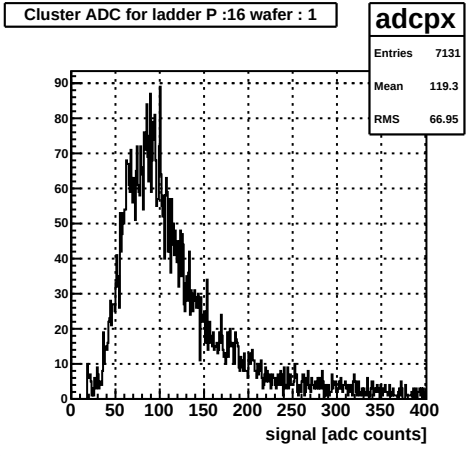

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

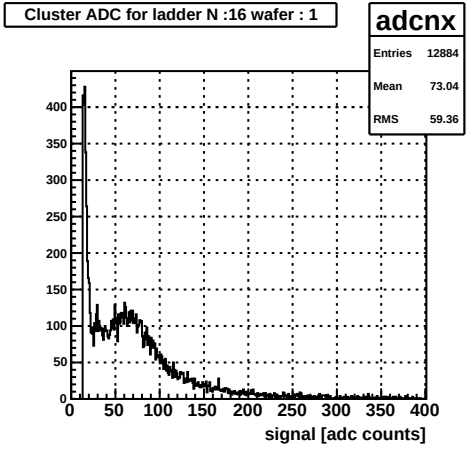

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 10999
Mean 66.83
RMS 62.29
signal [adc counts]

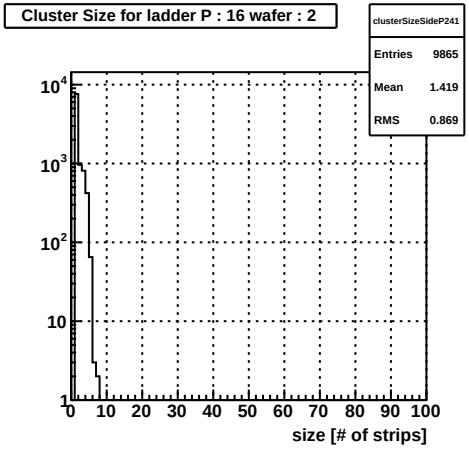

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 7131
Mean 1.273
RMS 0.595
size [# of strips]

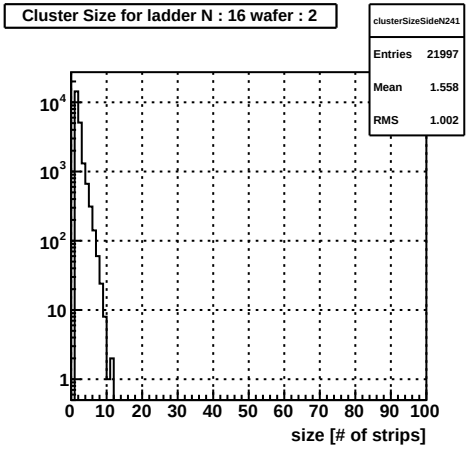

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 12884
Mean 1.98
RMS 1.45
size [# of strips]

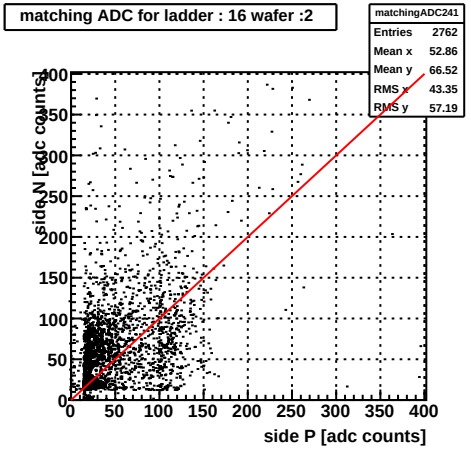

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 6710
Mean x 94.41
Mean y 89.43
RMS x 58.98
RMS y 54.9
side N [adc counts]
side P [adc counts]

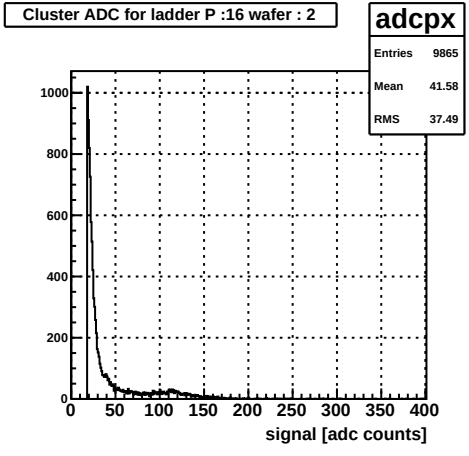

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 7131
Mean 119.3
RMS 66.95
signal [adc counts]

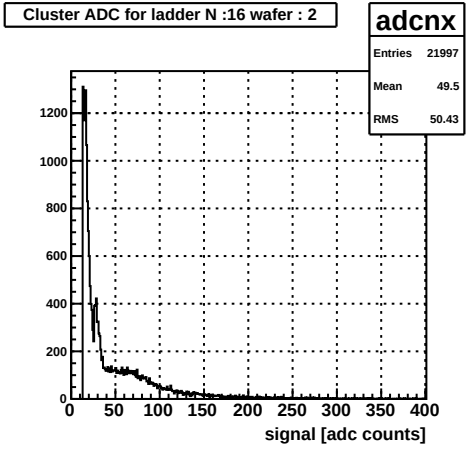

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 12884
Mean 73.04
RMS 59.36
signal [adc counts]

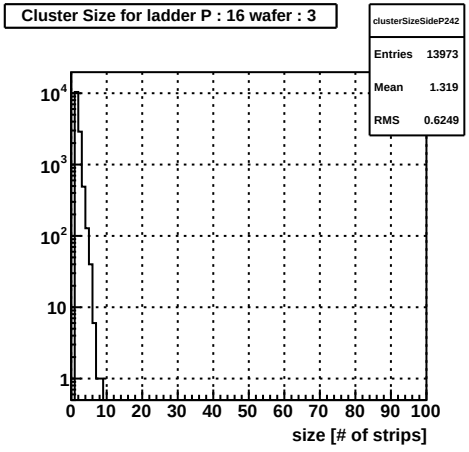

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9865
Mean 1.419
RMS 0.869
size [# of strips]

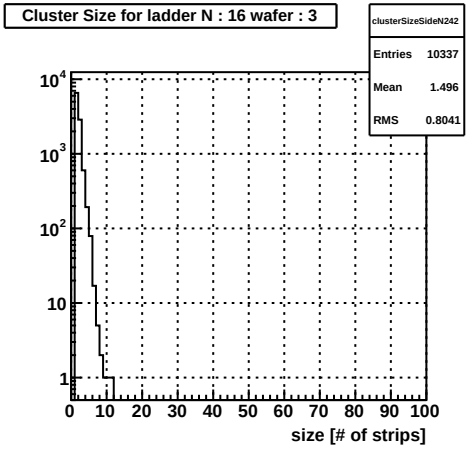

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 21997
Mean 1.558
RMS 1.002
size [# of strips]

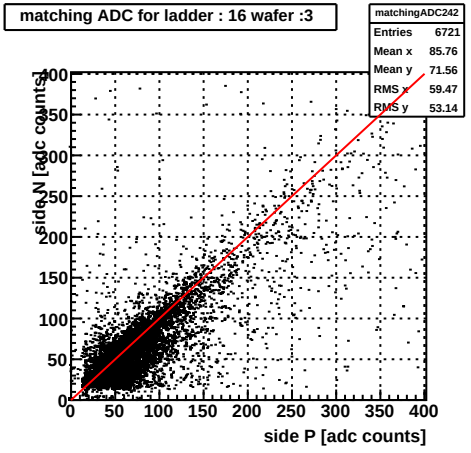

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2762
Mean x 52.86
Mean y 66.52
RMS x 43.35
RMS y 57.19
side N [adc counts]
side P [adc counts]

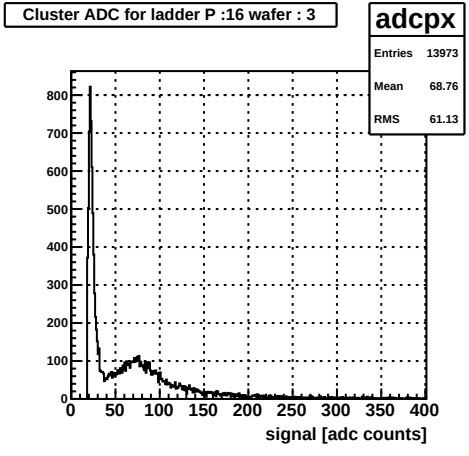

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9865
Mean 41.58
RMS 37.49
signal [adc counts]

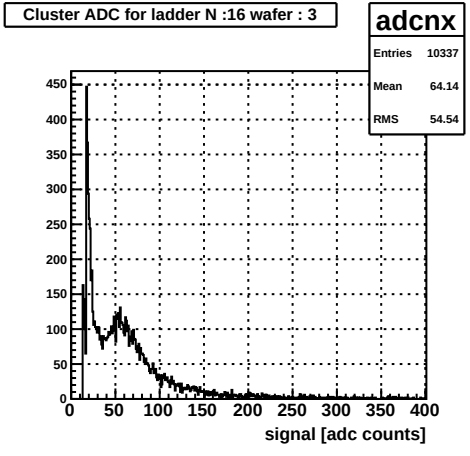

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 21997
Mean 49.5
RMS 50.43
signal [adc counts]

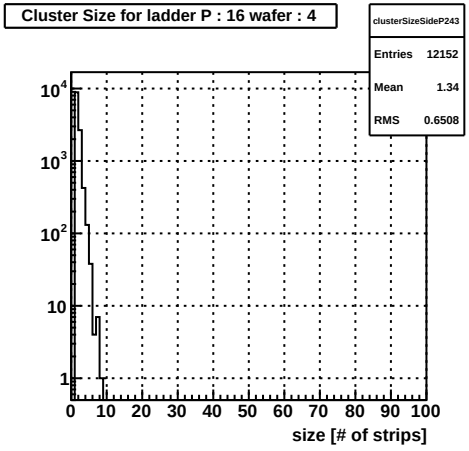

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 13973
Mean 1.319
RMS 0.6249
size [# of strips]

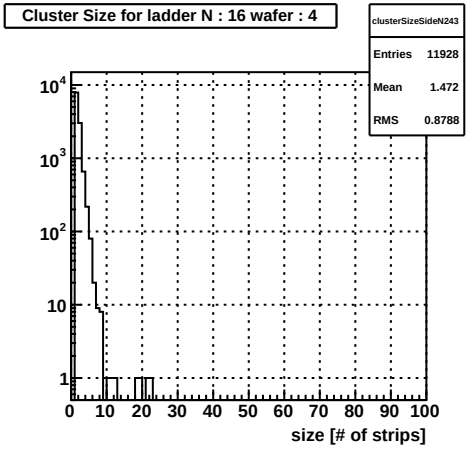

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10337
Mean 1.496
RMS 0.8041
size [# of strips]

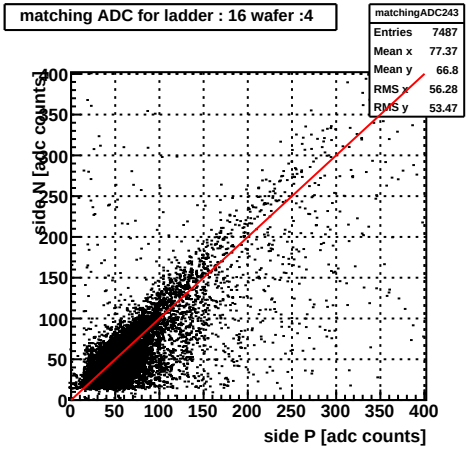

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 6721
Mean x 85.76
Mean y 71.56
RMS x 59.47
RMS y 53.14
side N [adc counts]
side P [adc counts]

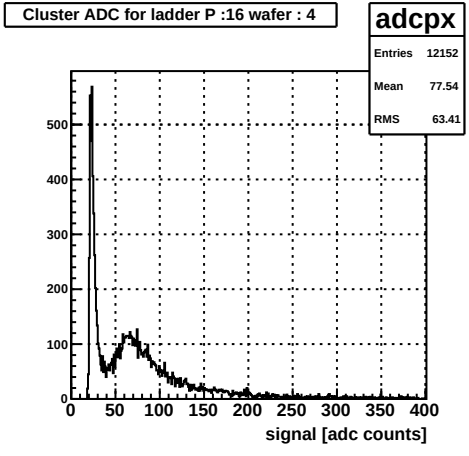

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 13973
Mean 68.76
RMS 61.13
signal [adc counts]

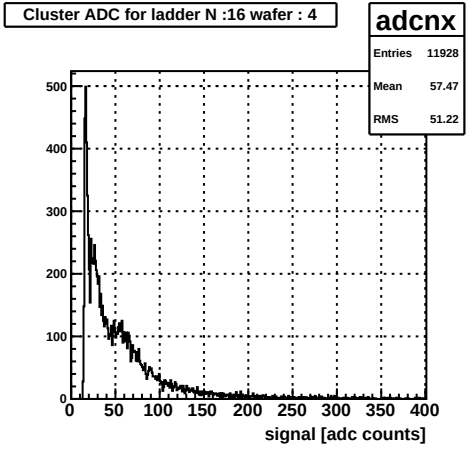

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10337
Mean 64.14
RMS 54.54
signal [adc counts]

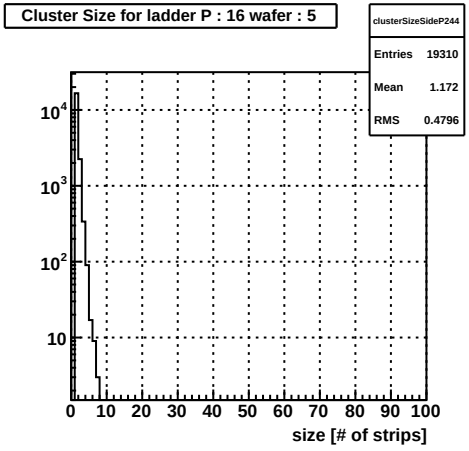

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 12152
Mean 1.34
RMS 0.6508
size [# of strips]

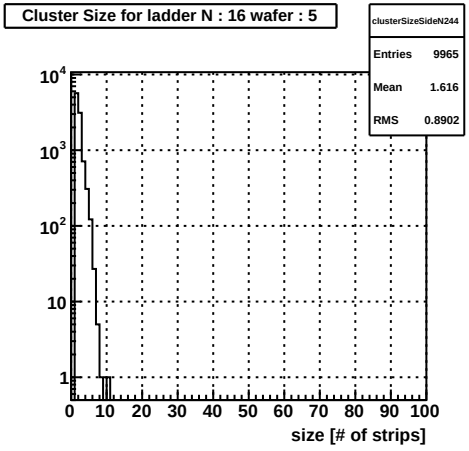

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11928
Mean 1.472
RMS 0.8788
size [# of strips]

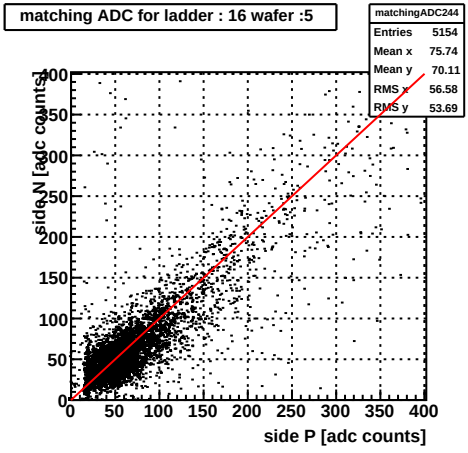

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 7487
Mean x 77.37
Mean y 66.8
RMS x 56.28
RMS y 53.47
side N [adc counts]
side P [adc counts]

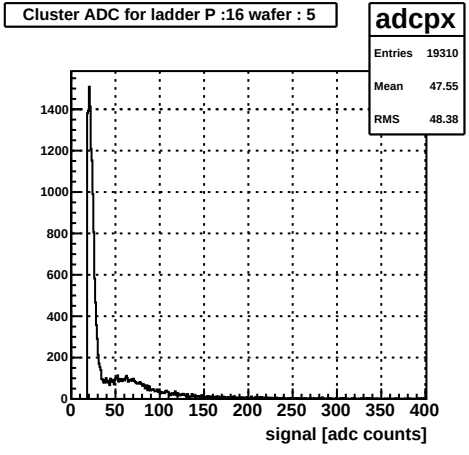

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 12152
Mean 77.54
RMS 63.41
signal [adc counts]

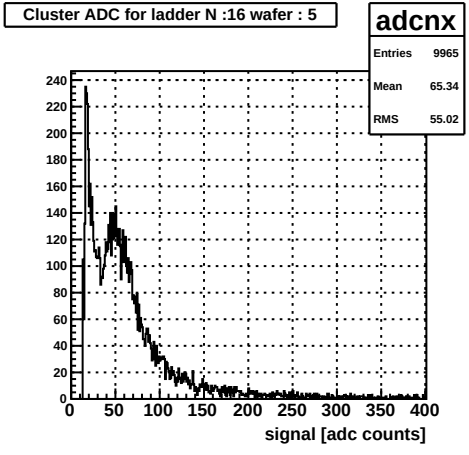

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11928
Mean 57.47
RMS 51.22
signal [adc counts]

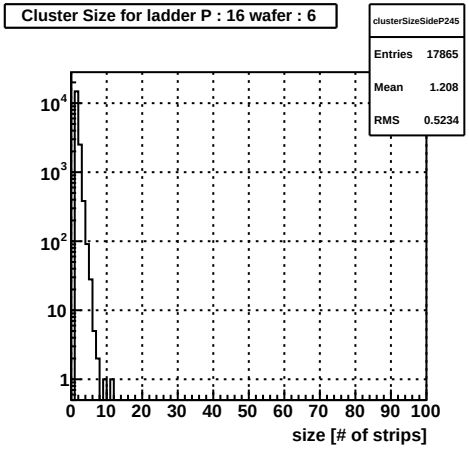

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 19310
Mean 1.172
RMS 0.4796
size [# of strips]

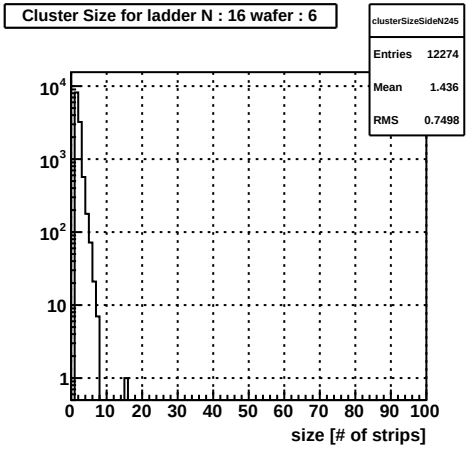

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 9965
Mean 1.616
RMS 0.8902
size [# of strips]

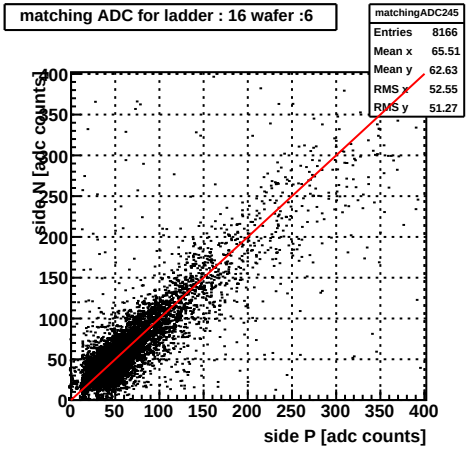

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 5154
Mean x 75.74
Mean y 70.11
RMS x 56.58
RMS y 53.69
side N [adc counts]
side P [adc counts]

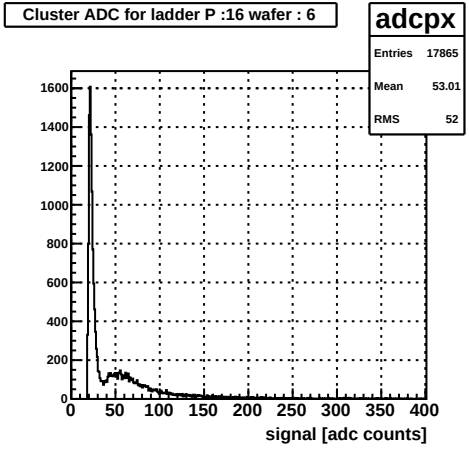

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 19310
Mean 47.55
RMS 48.38
signal [adc counts]

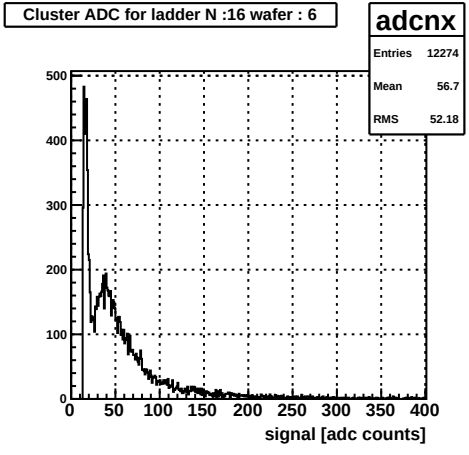

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 9965
Mean 65.34
RMS 55.02
signal [adc counts]

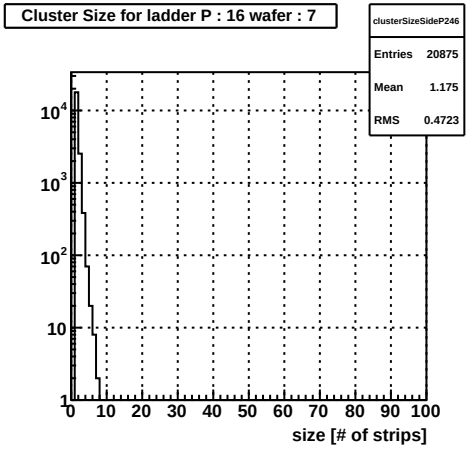

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 17865
Mean 1.208
RMS 0.5234
size [# of strips]

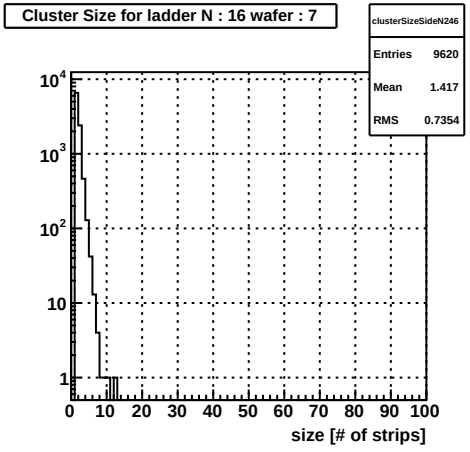

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 12274
Mean 1.436
RMS 0.7498
size [# of strips]

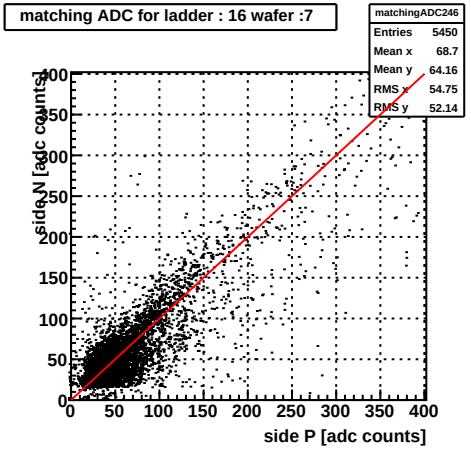

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 8166
Mean x 65.51
Mean y 62.63
RMS x 52.55
RMS y 51.27
side N [adc counts]
side P [adc counts]

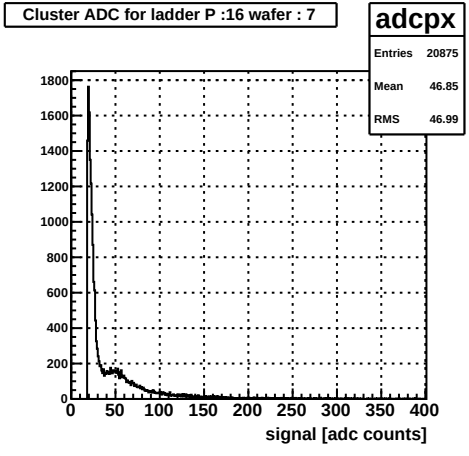

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 17865
Mean 53.01
RMS 52
signal [adc counts]

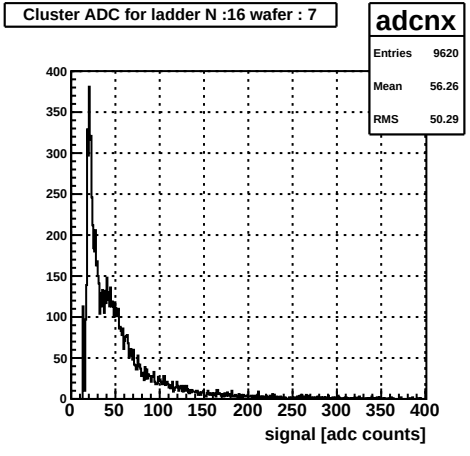

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 12274
Mean 56.7
RMS 52.18
signal [adc counts]

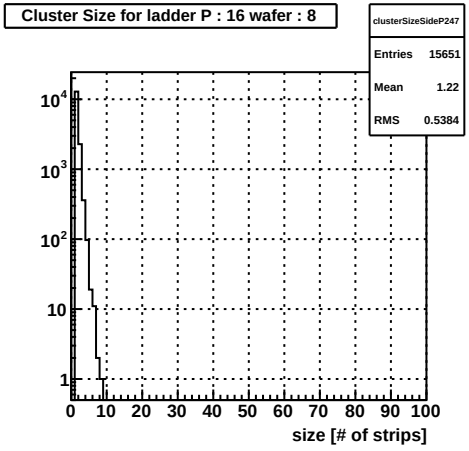

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 20875
Mean 1.175
RMS 0.4723
size [# of strips]

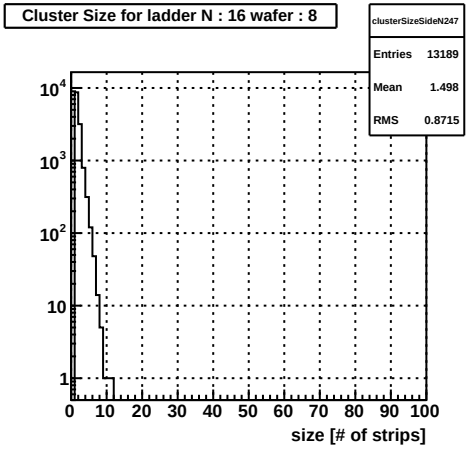

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 9620
Mean 1.417
RMS 0.7354
size [# of strips]

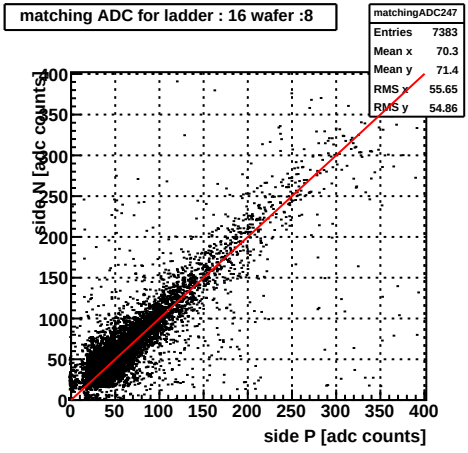

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 5450
Mean x 68.7
Mean y 64.16
RMS x 54.75
RMS y 52.14
side N [adc counts]
side P [adc counts]

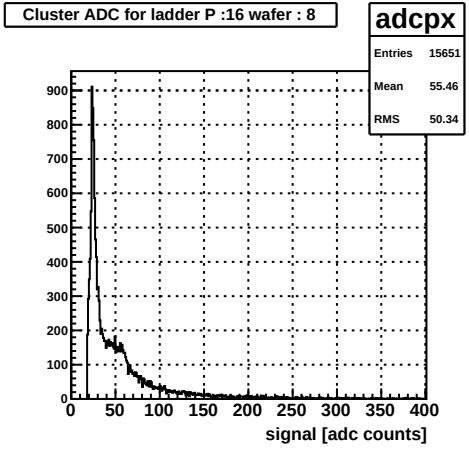

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 20875
Mean 46.85
RMS 46.99
signal [adc counts]

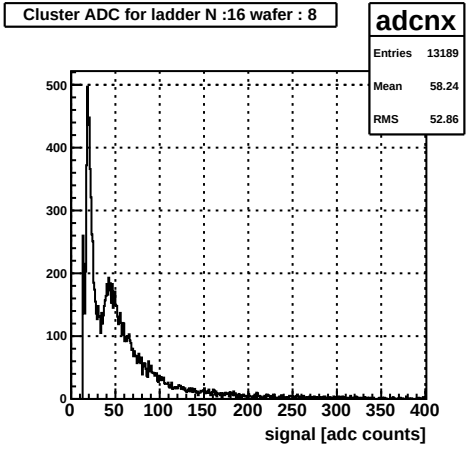

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 9620
Mean 56.26
RMS 50.29
signal [adc counts]

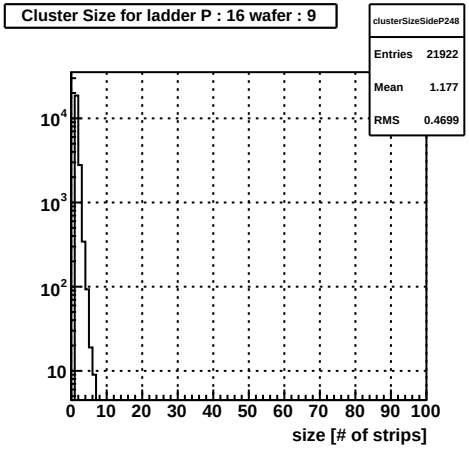

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 15651
Mean 1.22
RMS 0.5384
size [# of strips]

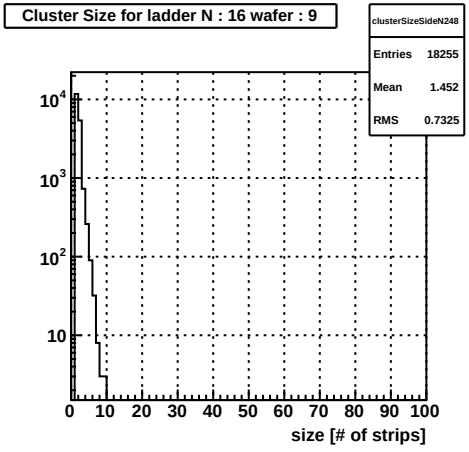

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 13189
Mean 1.498
RMS 0.8715
size [# of strips]

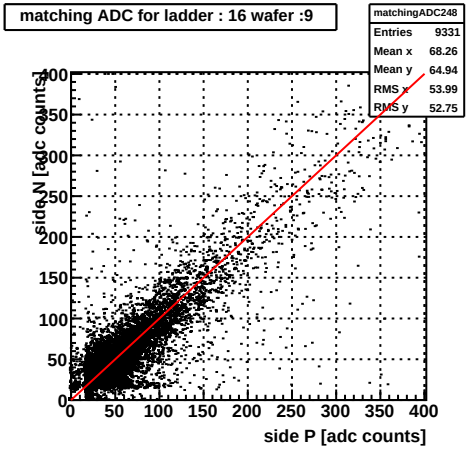

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 7383
Mean x 70.3
Mean y 71.4
RMS x 55.65
RMS y 54.86
side N [adc counts]
side P [adc counts]

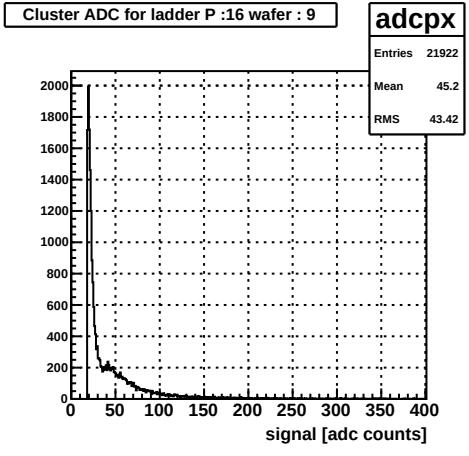

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 15651
Mean 55.46
RMS 50.34
signal [adc counts]

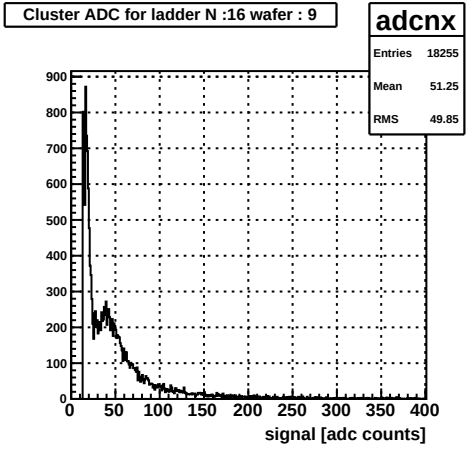

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 13189
Mean 58.24
RMS 52.86
signal [adc counts]

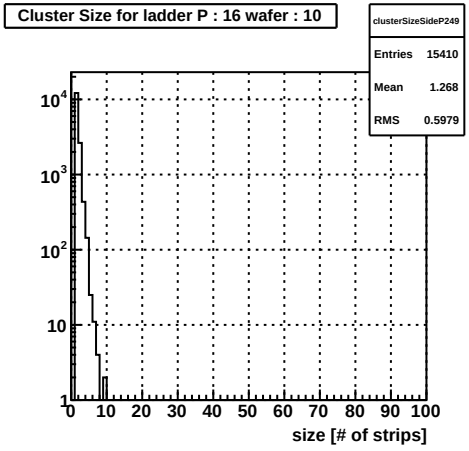

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 21922
Mean 1.177
RMS 0.4699
size [# of strips]

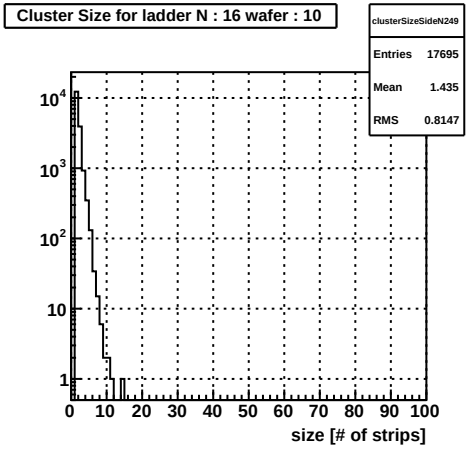

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 18255
Mean 1.452
RMS 0.7325
size [# of strips]

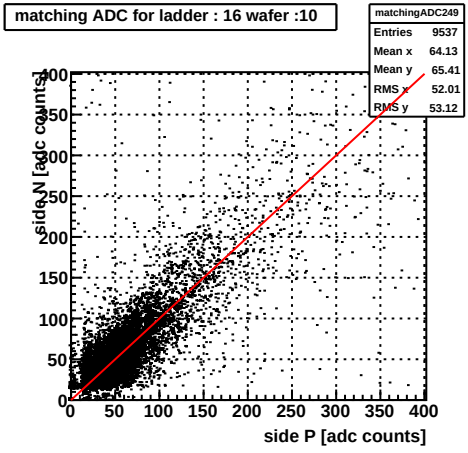

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 9331
Mean x 68.26
Mean y 64.94
RMS x 53.99
RMS y 52.75
side N [adc counts]
side P [adc counts]

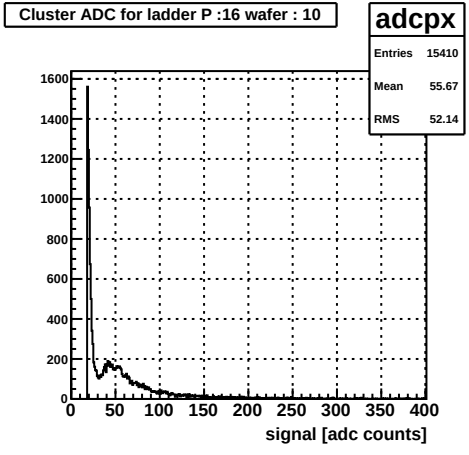

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 21922
Mean 45.2
RMS 43.42
signal [adc counts]

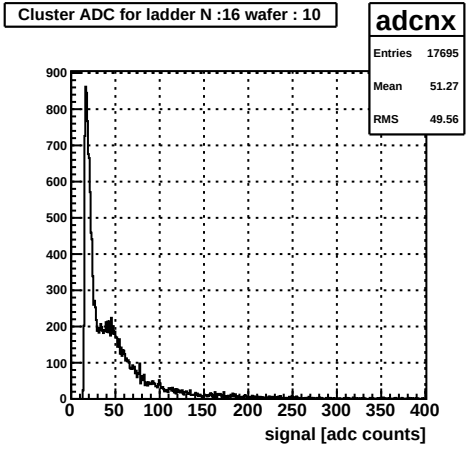

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 18255
Mean 51.25
RMS 49.85
signal [adc counts]

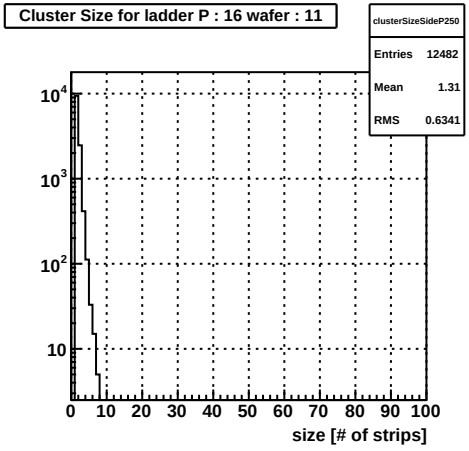

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 15410
Mean 1.268
RMS 0.5979
size [# of strips]

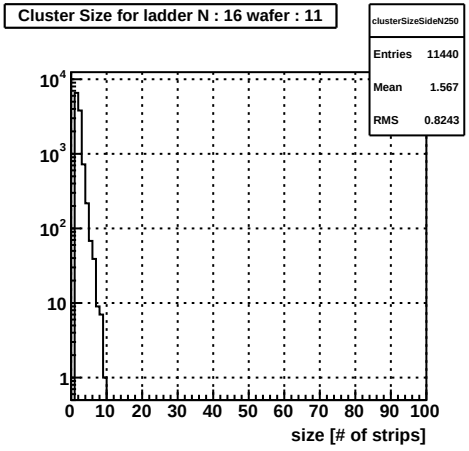

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 17695
Mean 1.435
RMS 0.8147
size [# of strips]

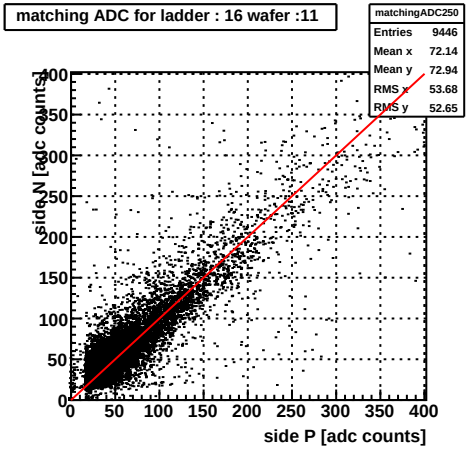

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 9537
Mean x 64.13
Mean y 65.41
RMS x 52.01
RMS y 53.12
side N [adc counts]
side P [adc counts]

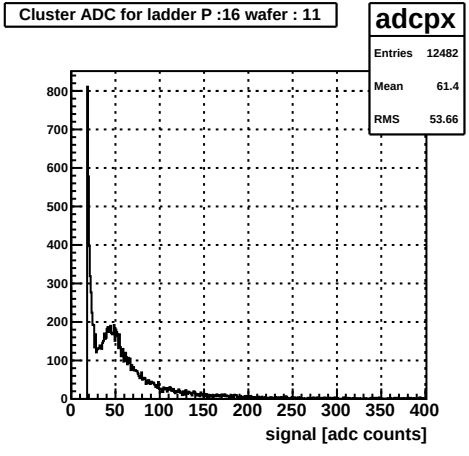

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 15410
Mean 55.67
RMS 52.14
signal [adc counts]

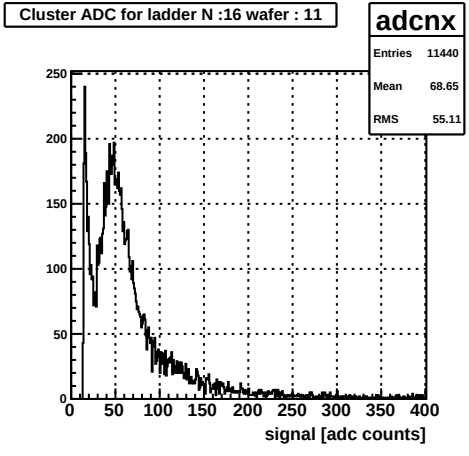

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 17695
Mean 51.27
RMS 49.56
signal [adc counts]

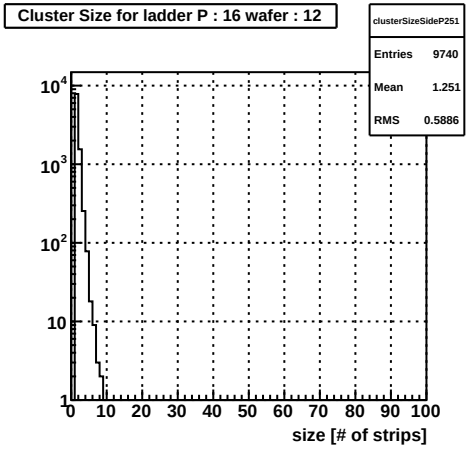

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 12482
Mean 1.31
RMS 0.6341
size [# of strips]

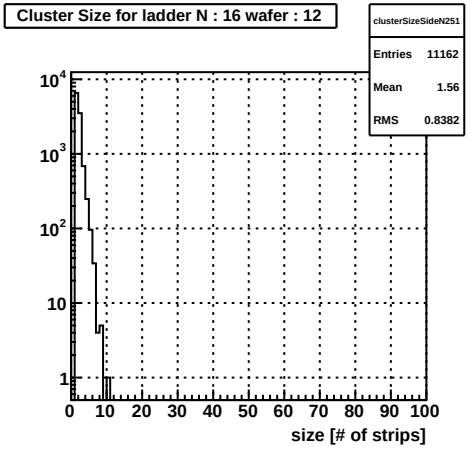

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 11440
Mean 1.567
RMS 0.8243
size [# of strips]

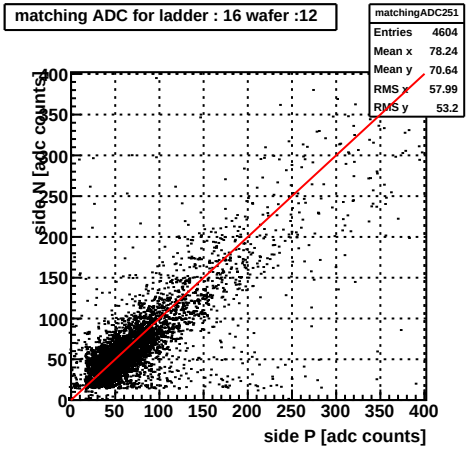

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 9446
Mean x 72.14
Mean y 72.94
RMS x 53.68
RMS y 52.65
side N [adc counts]
side P [adc counts]

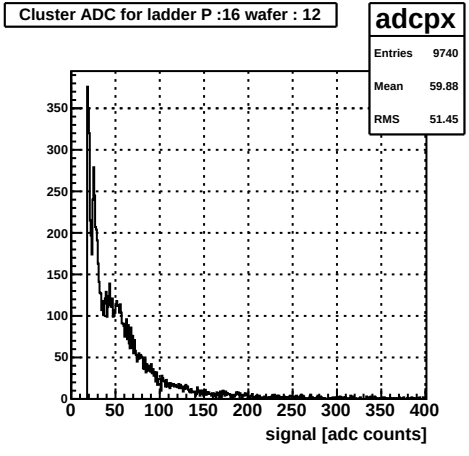

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 12482
Mean 61.4
RMS 53.66
signal [adc counts]

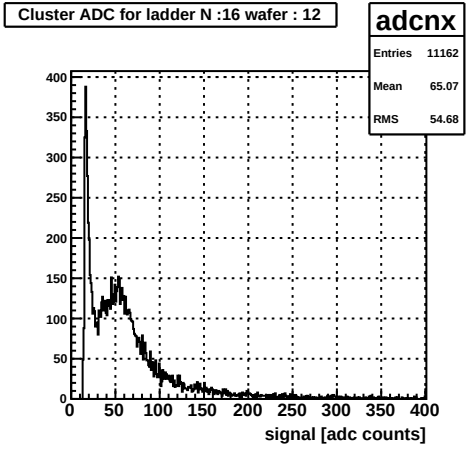

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 11440
Mean 68.65
RMS 55.11
signal [adc counts]

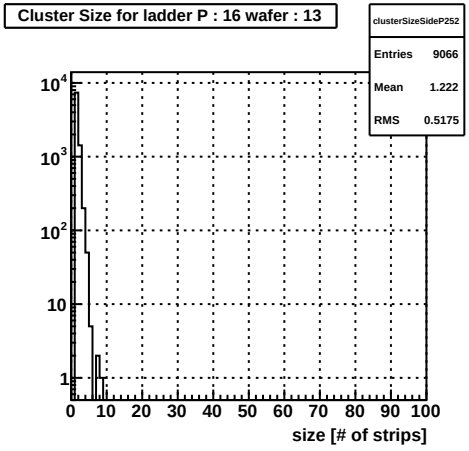

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 9740
Mean 1.251
RMS 0.5886
size [# of strips]

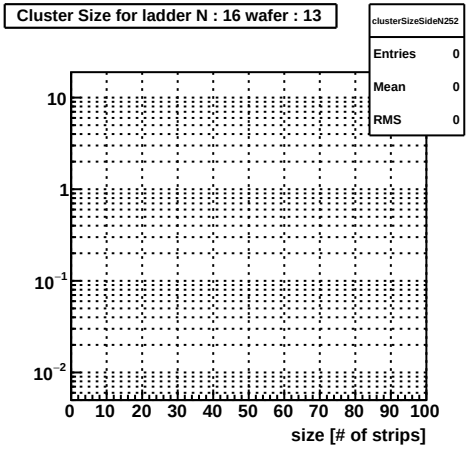

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 11162
Mean 1.56
RMS 0.8382
size [# of strips]

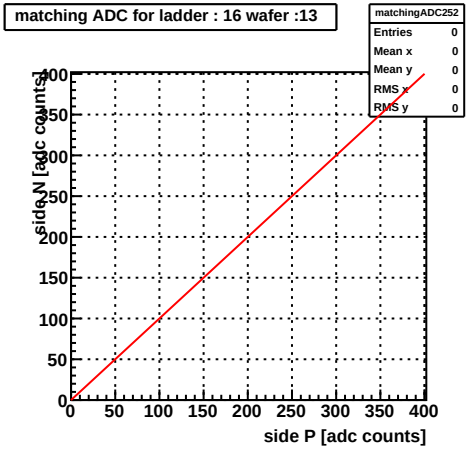

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 4604
Mean x 78.24
Mean y 70.64
RMS x 57.99
RMS y 53.2
side N [adc counts]
side P [adc counts]

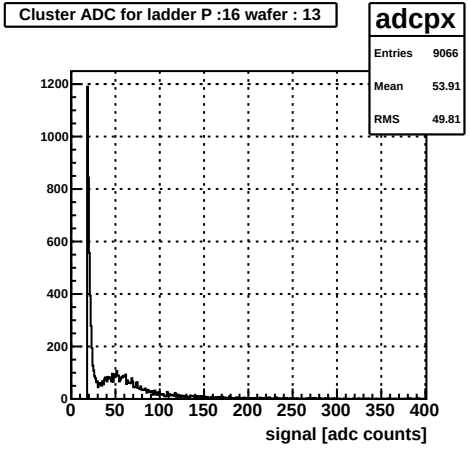

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 9740
Mean 59.88
RMS 51.45
signal [adc counts]

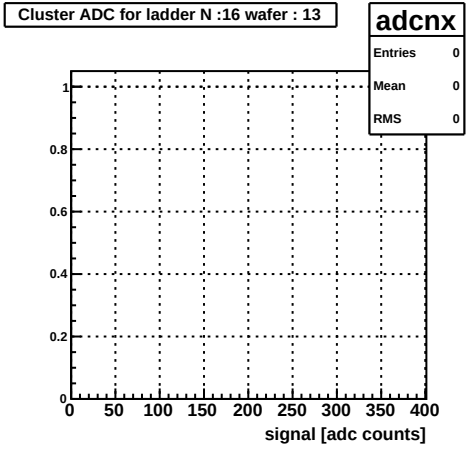

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 11162
Mean 65.07
RMS 54.68
signal [adc counts]

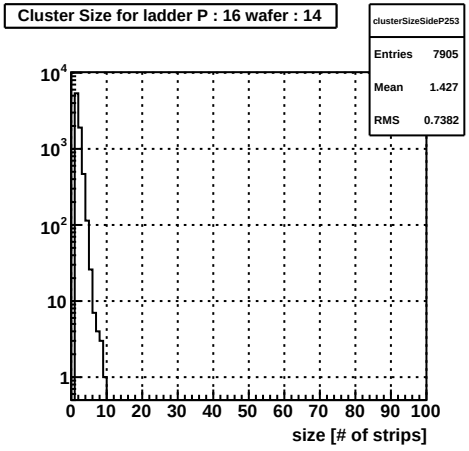

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 9066
Mean 1.222
RMS 0.5175
size [# of strips]

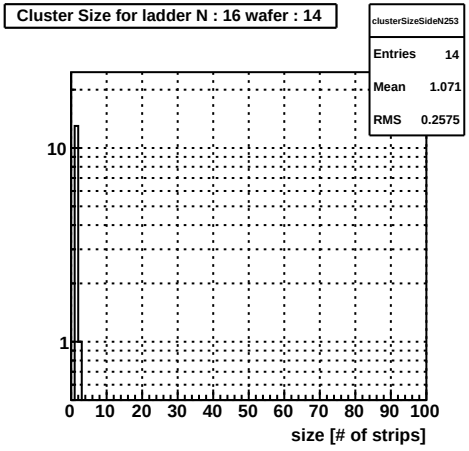

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

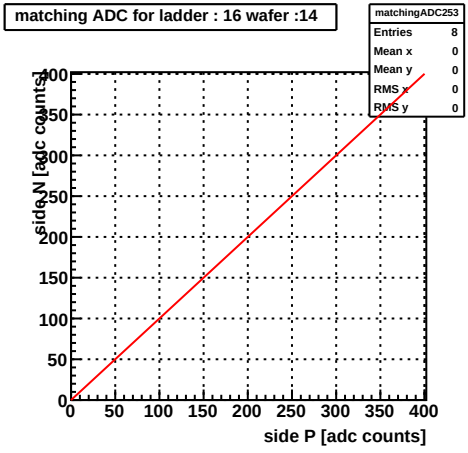

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

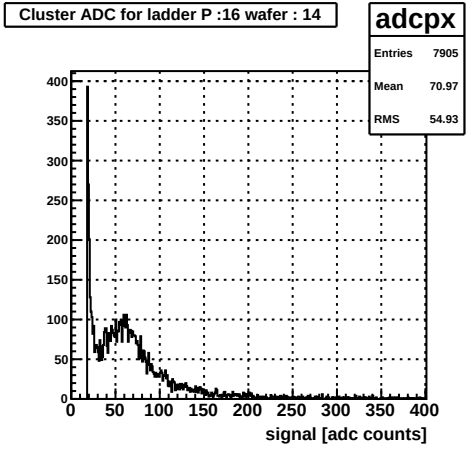

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 9066
Mean 53.91
RMS 49.81
signal [adc counts]

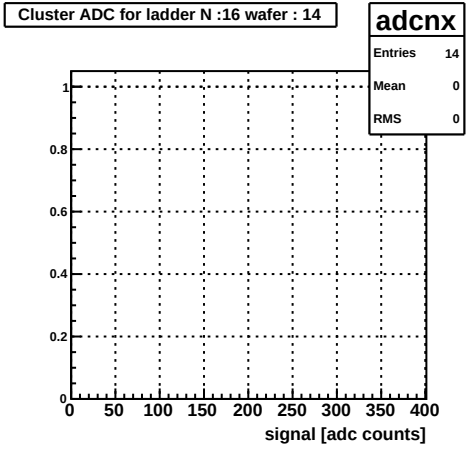

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

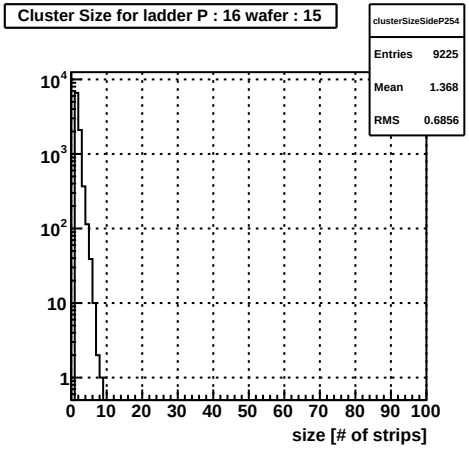

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 7905
Mean 1.427
RMS 0.7382
size [# of strips]

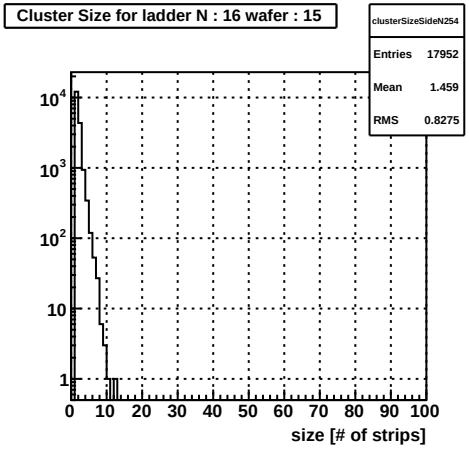

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 14
Mean 1.071
RMS 0.2575
size [# of strips]

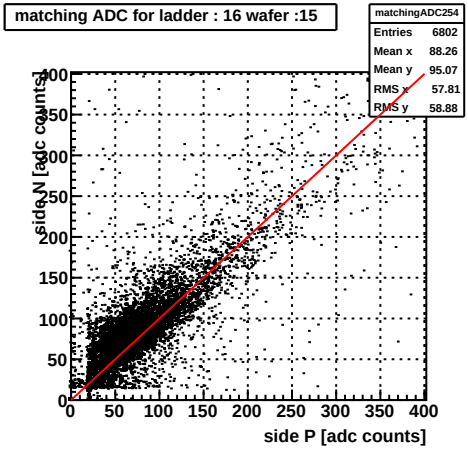

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

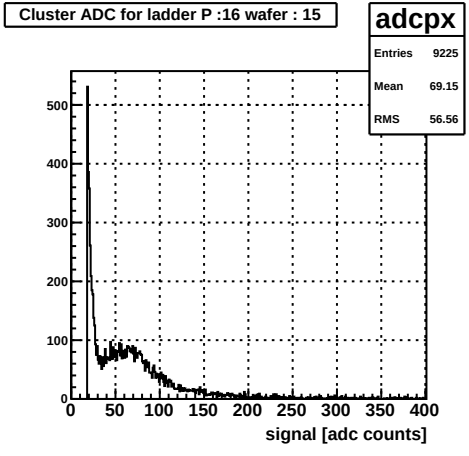

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 7905
Mean 70.97
RMS 54.93
signal [adc counts]

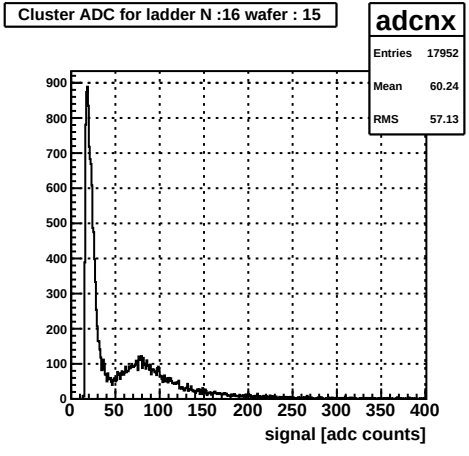

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 14
Mean 0
RMS 0
signal [adc counts]

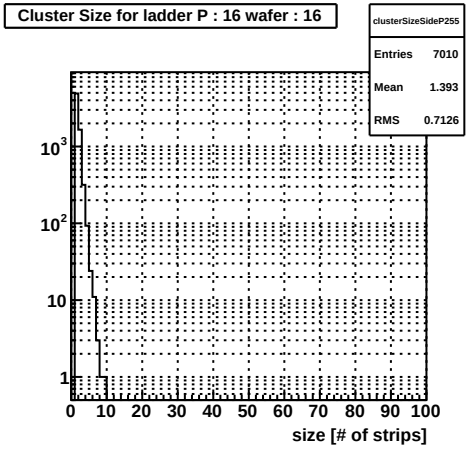

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 9225
Mean 1.368
RMS 0.6856
size [# of strips]

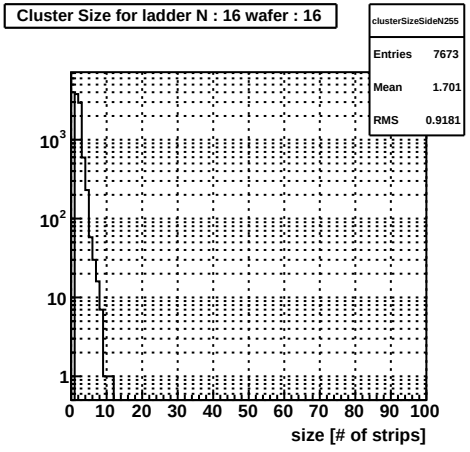

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 17952
Mean 1.459
RMS 0.8275
size [# of strips]

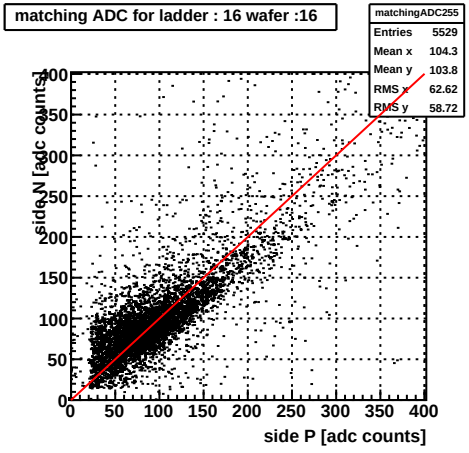

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 6802
Mean x 88.26
Mean y 95.07
RMS x 57.81
RMS y 58.88
side N [adc counts]
side P [adc counts]

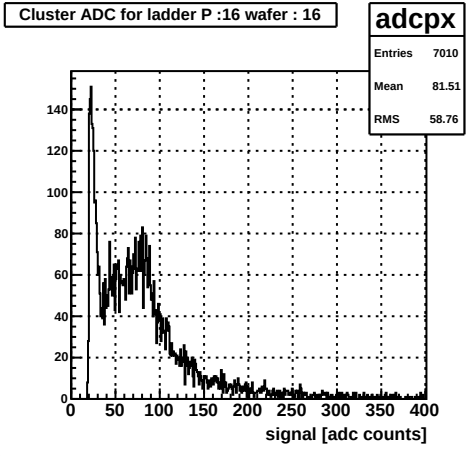

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 9225
Mean 69.15
RMS 56.56
signal [adc counts]

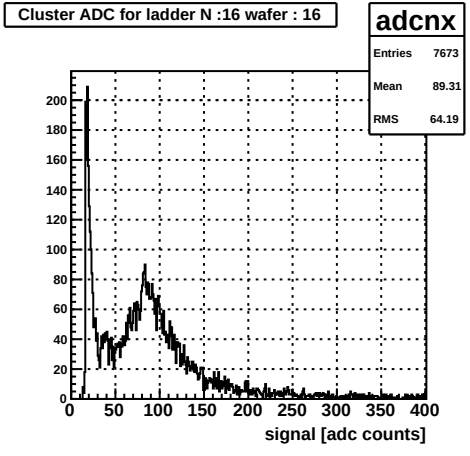

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 17952
Mean 60.24
RMS 57.13
signal [adc counts]

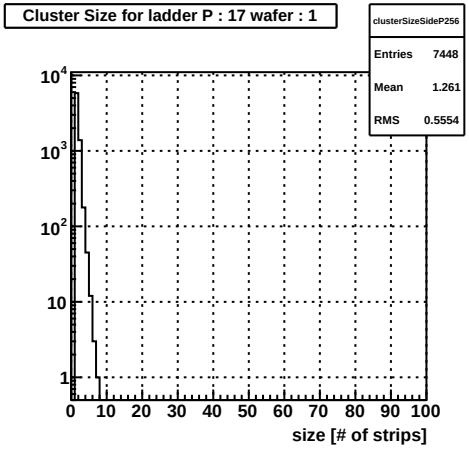

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 7010
Mean 1.393
RMS 0.7126
size [# of strips]

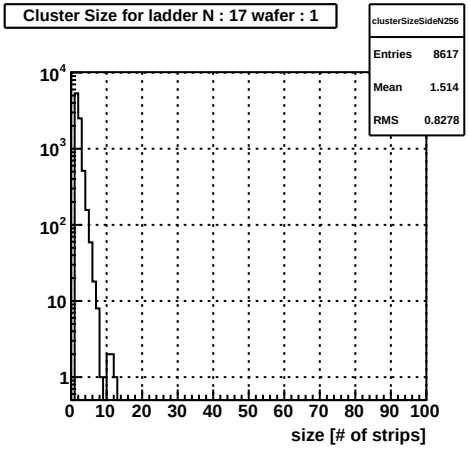

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 7673
Mean 1.701
RMS 0.9181
size [# of strips]

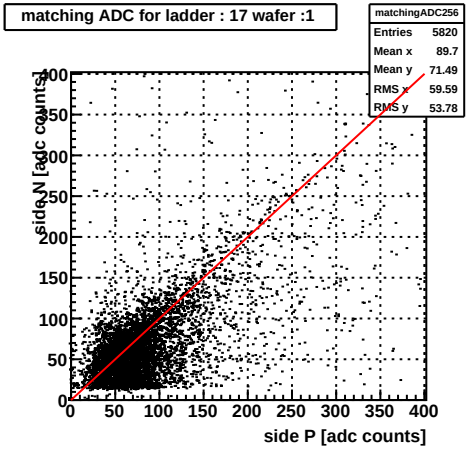

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 5529
Mean x 104.3
Mean y 103.8
RMS x 62.62
RMS y 58.72
side N [adc counts]
side P [adc counts]

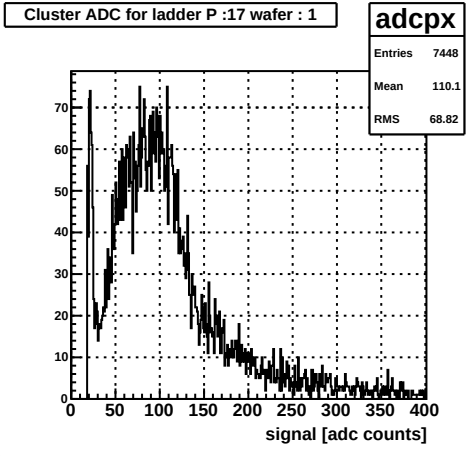

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 7010
Mean 81.51
RMS 58.76
signal [adc counts]

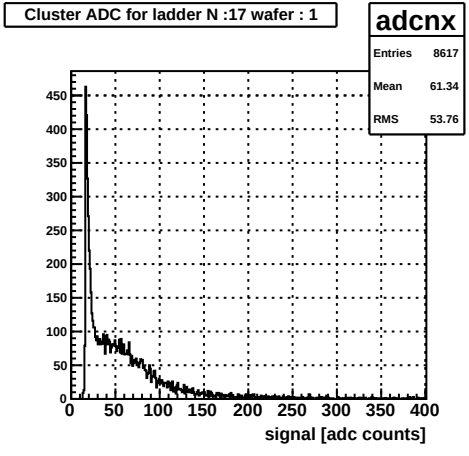

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 7673
Mean 89.31
RMS 64.19
signal [adc counts]

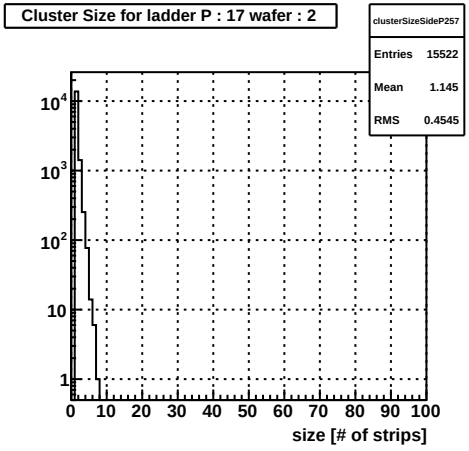

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 7448
Mean 1.261
RMS 0.5554
size [# of strips]

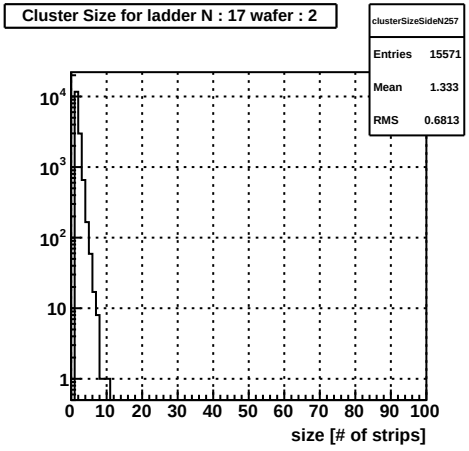

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 8617
Mean 1.514
RMS 0.8278
size [# of strips]

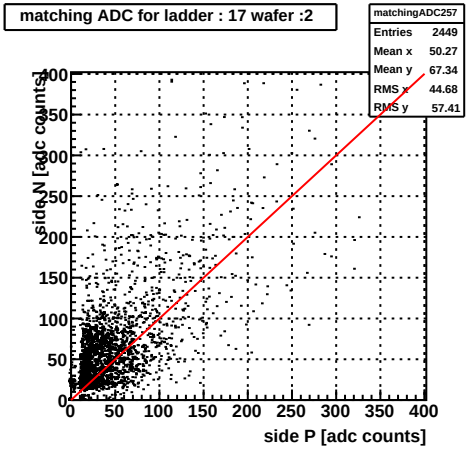

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 5820
Mean x 89.7
Mean y 71.49
RMS x 59.59
RMS y 53.78
side N [adc counts]
side P [adc counts]

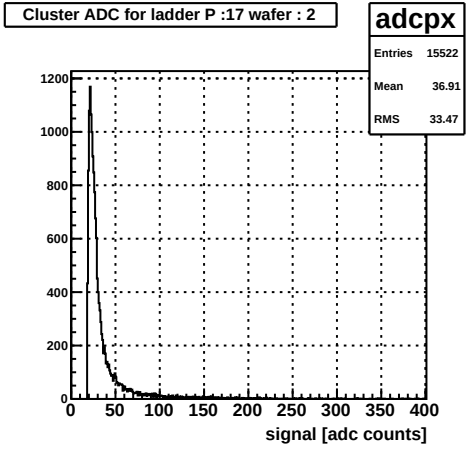

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 7448
Mean 110.1
RMS 68.82
signal [adc counts]

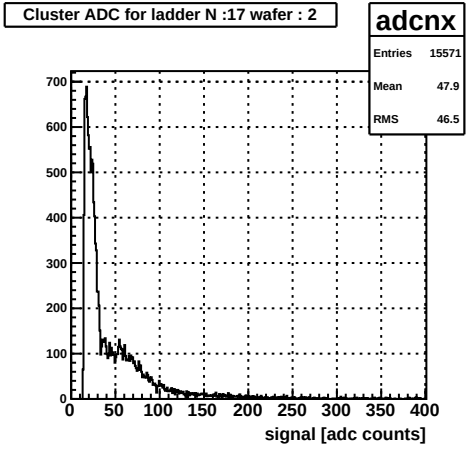

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 8617
Mean 61.34
RMS 53.76
signal [adc counts]

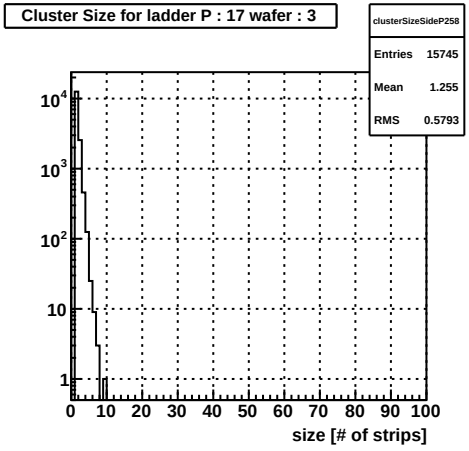

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15522
Mean 1.145
RMS 0.4545
size [# of strips]

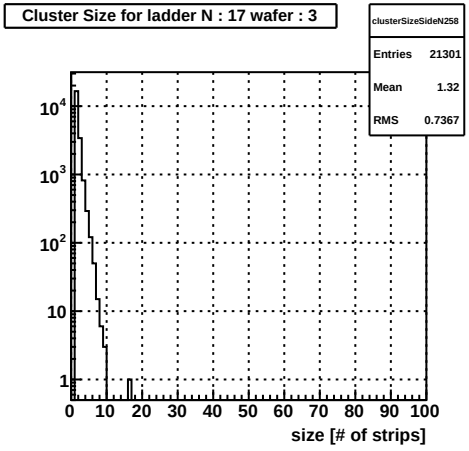

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 15571
Mean 1.333
RMS 0.6813
size [# of strips]

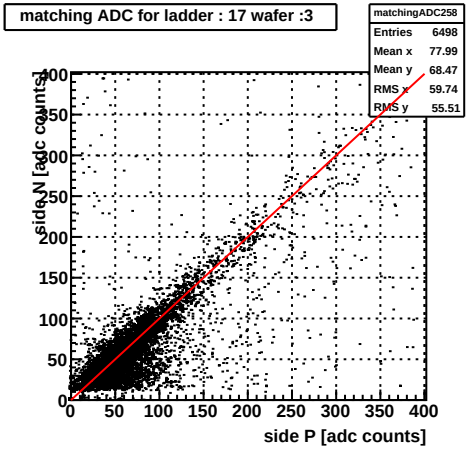

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2449
Mean x 50.27
Mean y 67.34
RMS x 44.68
RMS y 57.41
side N [adc counts]
side P [adc counts]

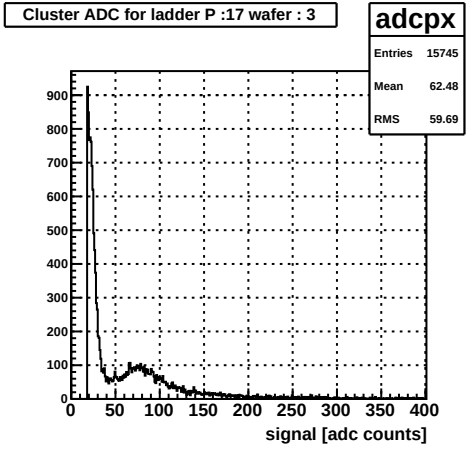

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15522
Mean 36.91
RMS 33.47
signal [adc counts]

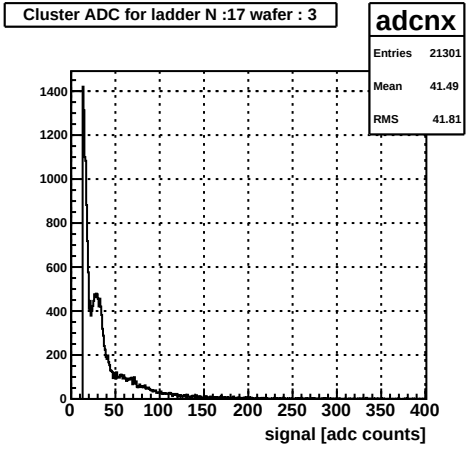

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 15571
Mean 47.9
RMS 46.5
signal [adc counts]

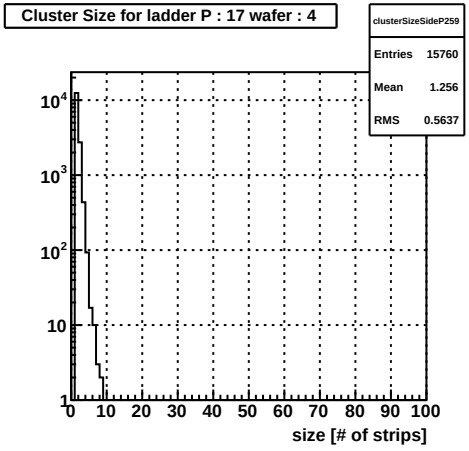

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 15745
Mean 1.255
RMS 0.5793
size [# of strips]

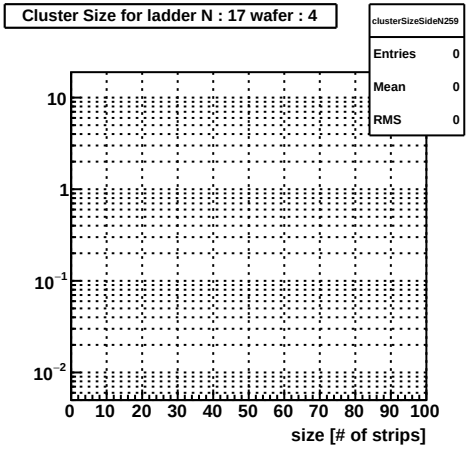

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 21301
Mean 1.32
RMS 0.7367
size [# of strips]

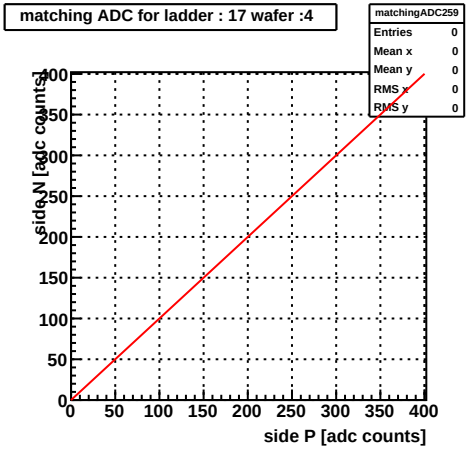

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 6498
Mean x 77.99
Mean y 68.47
RMS x 59.74
RMS y 55.51
side N [adc counts]
side P [adc counts]

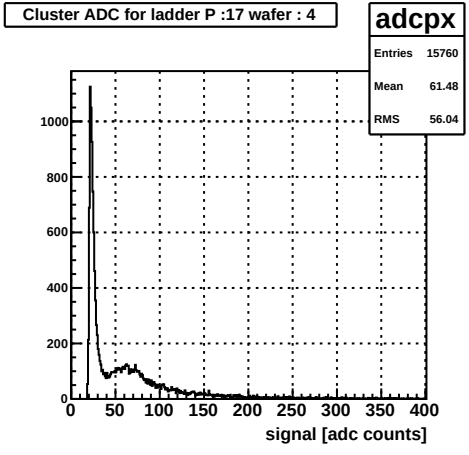

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 15745
Mean 62.48
RMS 59.69
signal [adc counts]

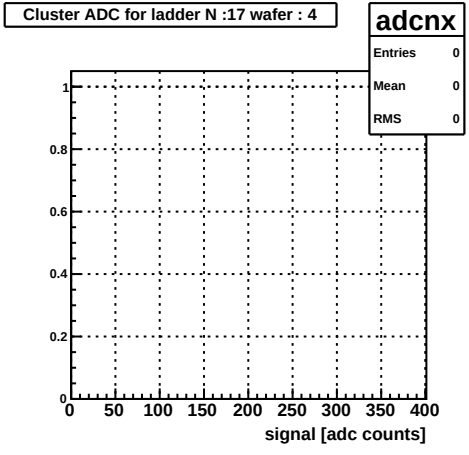

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 21301
Mean 41.49
RMS 41.81
signal [adc counts]

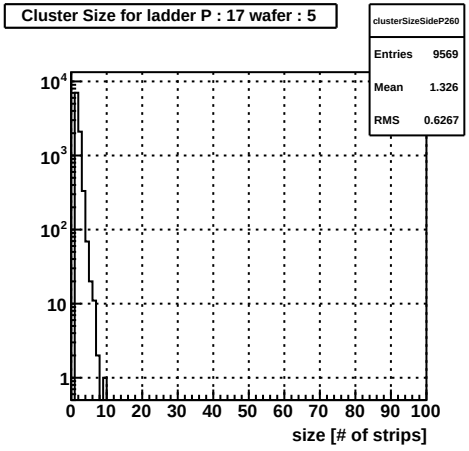

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 15760
Mean 1.256
RMS 0.5637
size [# of strips]

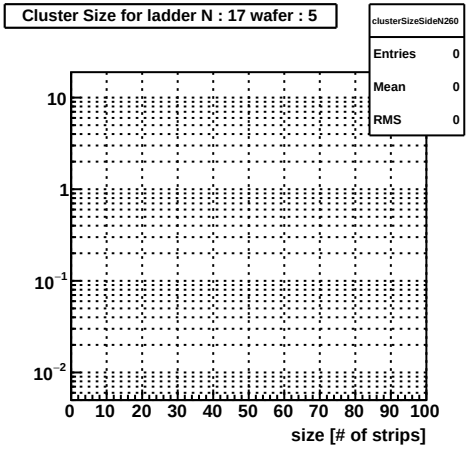

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

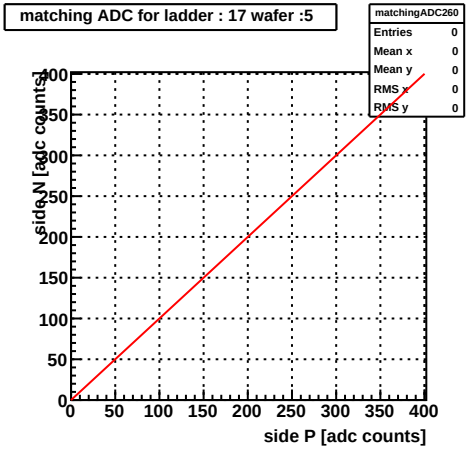

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

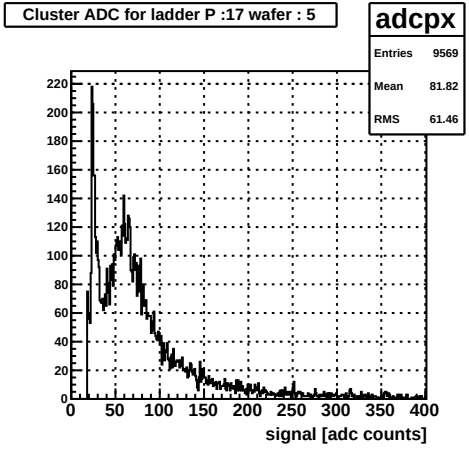

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 15760
Mean 61.48
RMS 56.04
signal [adc counts]

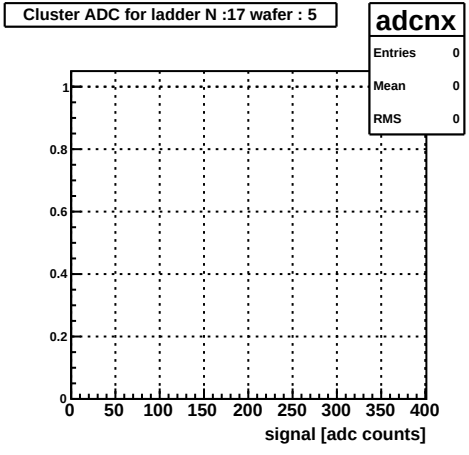

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

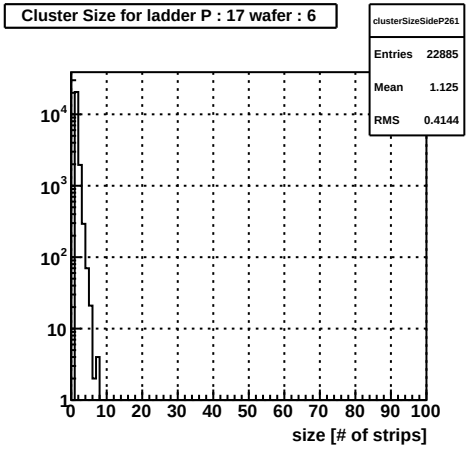

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 9569
Mean 1.326
RMS 0.6267
size [# of strips]

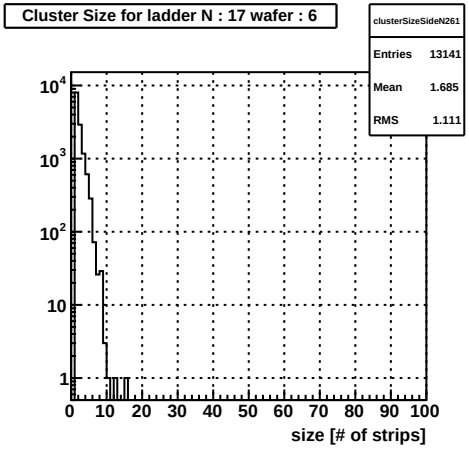

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

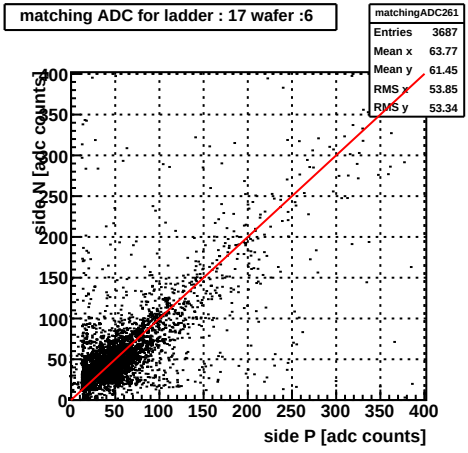

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

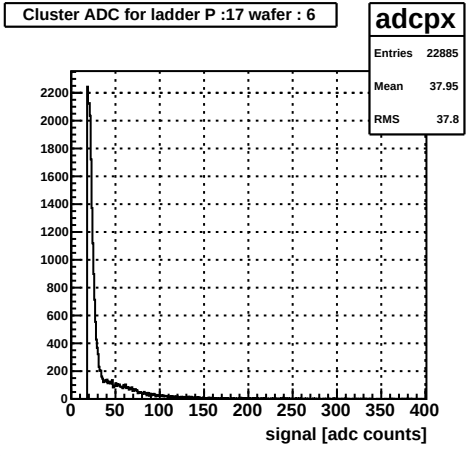

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 9569
Mean 81.82
RMS 61.46
signal [adc counts]

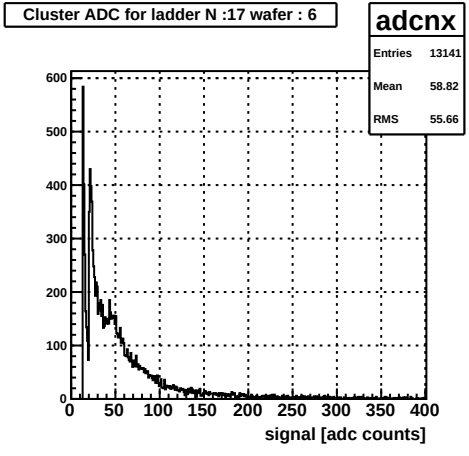

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

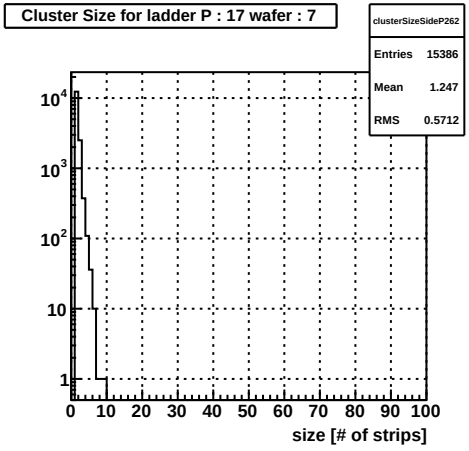

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 22885
Mean 1.125
RMS 0.4144
size [# of strips]

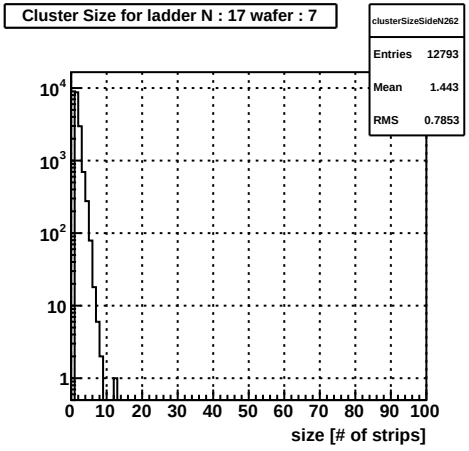

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 13141
Mean 1.685
RMS 1.111
size [# of strips]

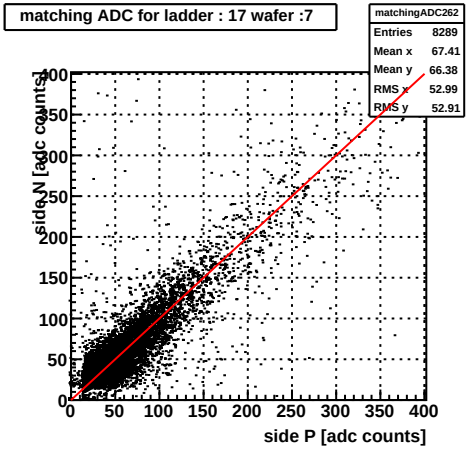

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3687
Mean x 63.77
Mean y 61.45
RMS x 53.85
RMS y 53.34
side N [adc counts]
side P [adc counts]

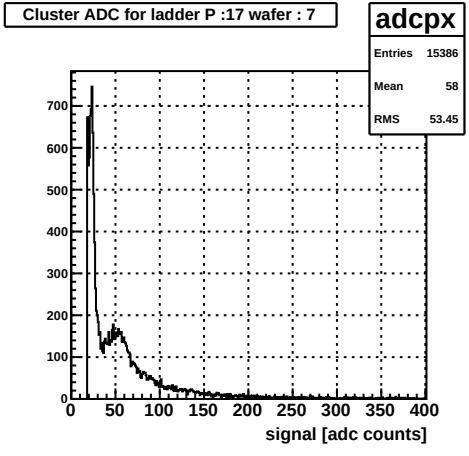

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 22885
Mean 37.95
RMS 37.8
signal [adc counts]

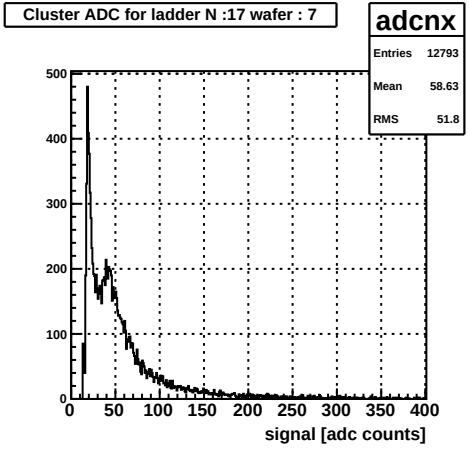

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 13141
Mean 58.82
RMS 55.66
signal [adc counts]

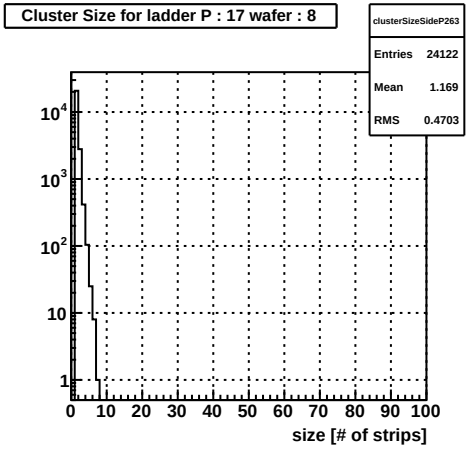

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 15386
Mean 1.247
RMS 0.5712
size [# of strips]

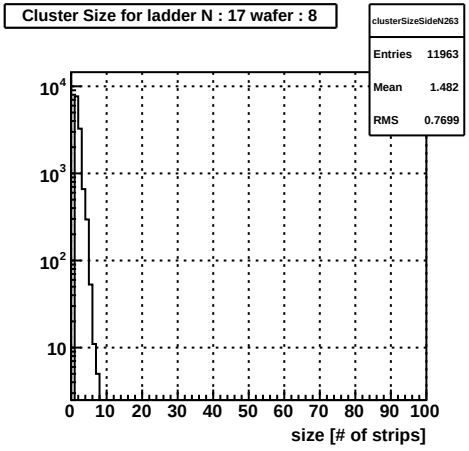

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 12793
Mean 1.443
RMS 0.7853
size [# of strips]

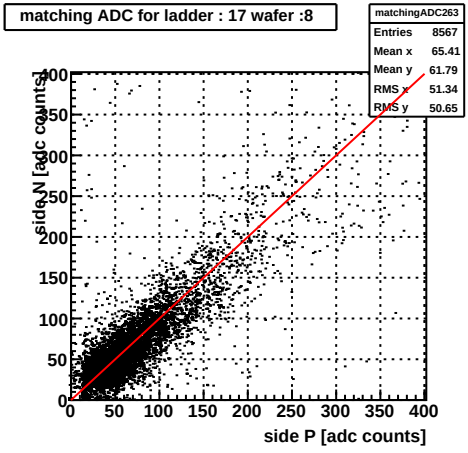

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 8289
Mean x 67.41
Mean y 66.38
RMS x 52.99
RMS y 52.91
side N [adc counts]
side P [adc counts]

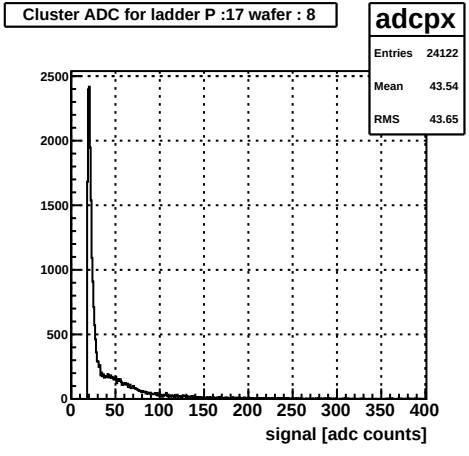

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 15386
Mean 58
RMS 53.45
signal [adc counts]

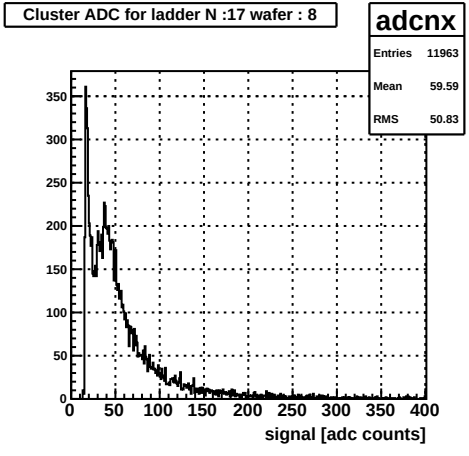

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 12793
Mean 58.63
RMS 51.8
signal [adc counts]

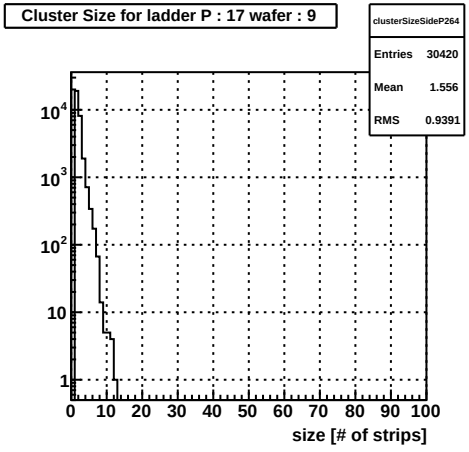

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 24122
Mean 1.169
RMS 0.4703
size [# of strips]

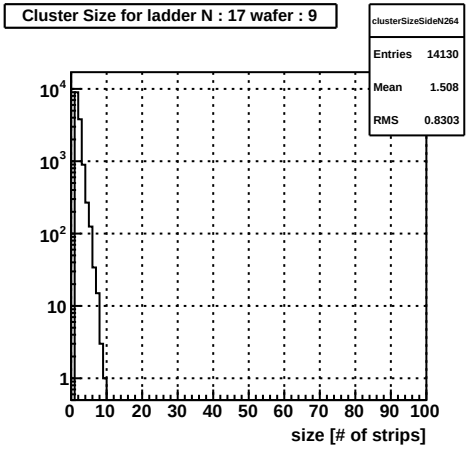

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 11963
Mean 1.482
RMS 0.7699
size [# of strips]

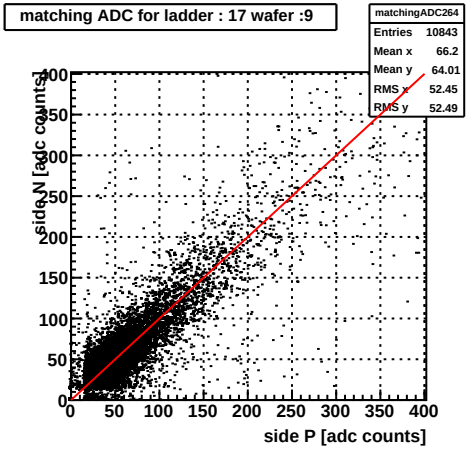

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 8567
Mean x 65.41
Mean y 61.79
RMS x 51.34
RMS y 50.65
side N [adc counts]
side P [adc counts]

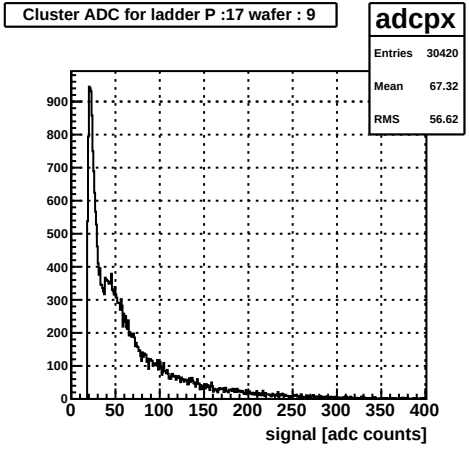

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 24122
Mean 43.54
RMS 43.65
signal [adc counts]

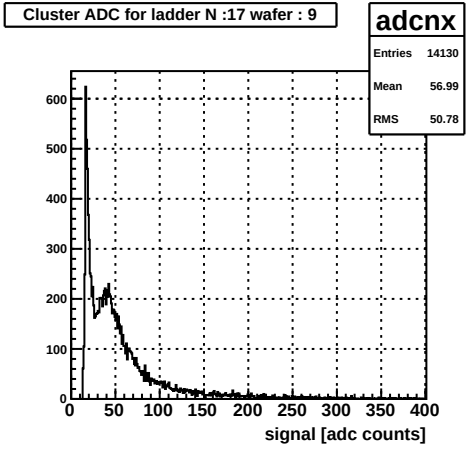

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 11963
Mean 59.59
RMS 50.83
signal [adc counts]

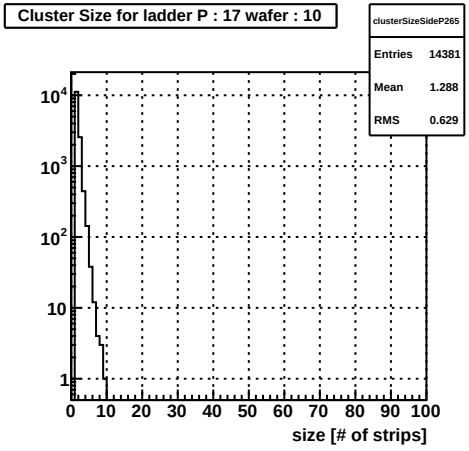

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 30420
Mean 1.556
RMS 0.9391
size [# of strips]

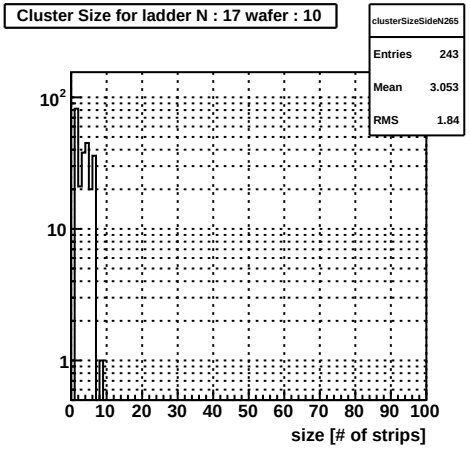

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 14130
Mean 1.508
RMS 0.8303
size [# of strips]

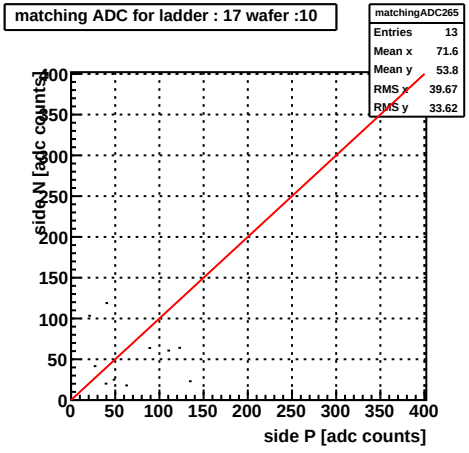

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 10843
Mean x 66.2
Mean y 64.01
RMS x 52.45
RMS y 52.49
side N [adc counts]
side P [adc counts]

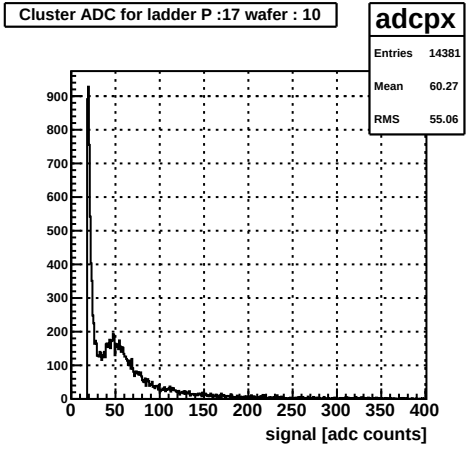

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 30420
Mean 67.32
RMS 56.62
signal [adc counts]

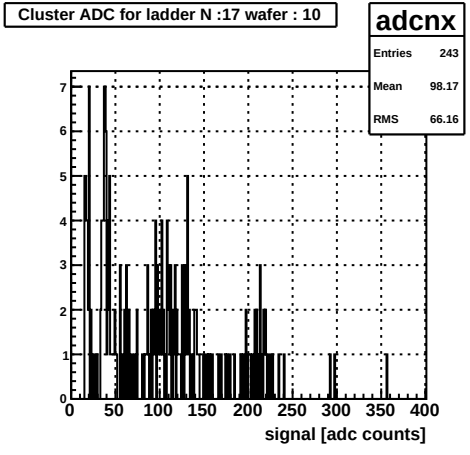

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 14130
Mean 56.99
RMS 50.78
signal [adc counts]

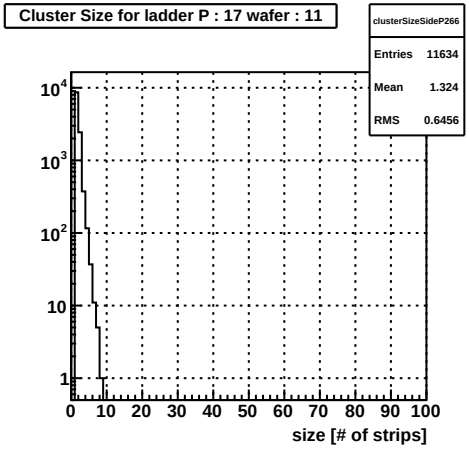

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 14381
Mean 1.288
RMS 0.629
size [# of strips]

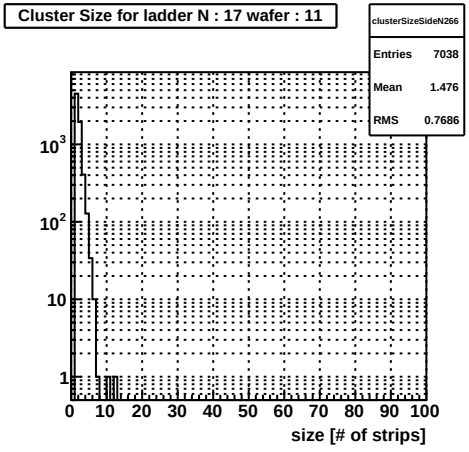

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 243
Mean 3.053
RMS 1.84
size [# of strips]

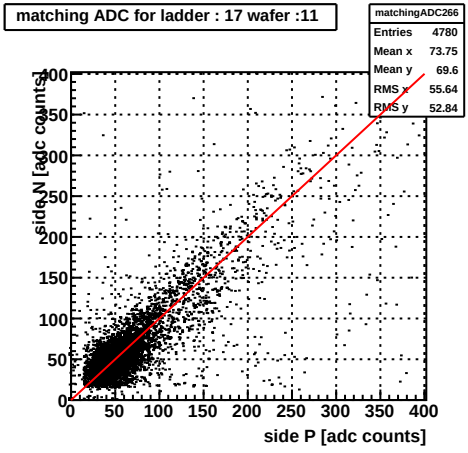

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 13
Mean x 71.6
Mean y 53.8
RMS x 39.67
RMS y 33.62
side N [adc counts]
side P [adc counts]

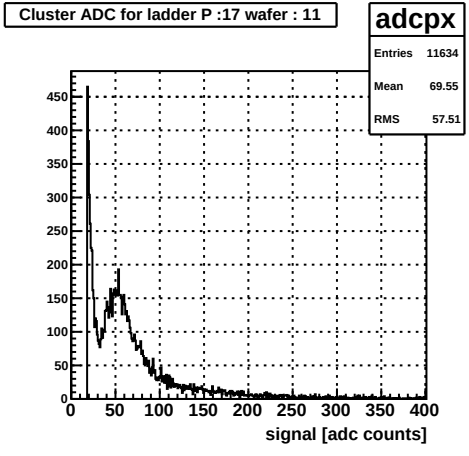

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 14381
Mean 60.27
RMS 55.06
signal [adc counts]

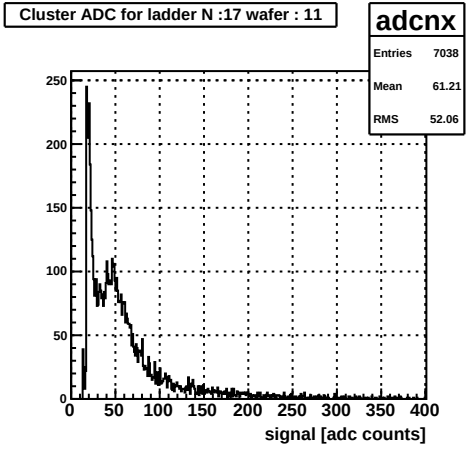

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 243
Mean 98.17
RMS 66.16
signal [adc counts]

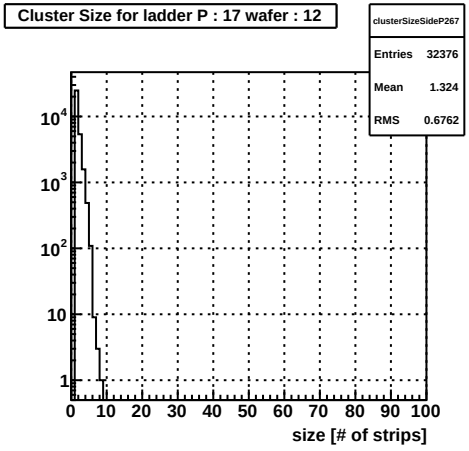

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 11634
Mean 1.324
RMS 0.6456
size [# of strips]

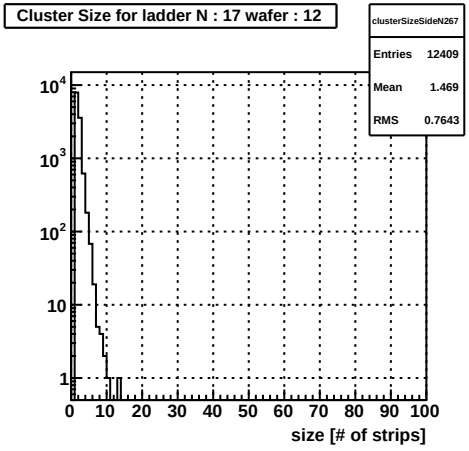

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 7038
Mean 1.476
RMS 0.7686
size [# of strips]

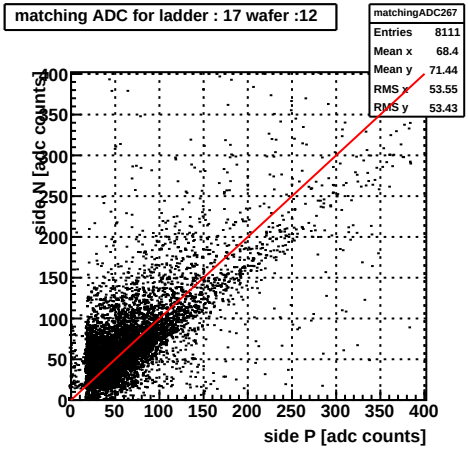

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 4780
Mean x 73.75
Mean y 69.6
RMS x 55.64
RMS y 52.84
side N [adc counts]
side P [adc counts]

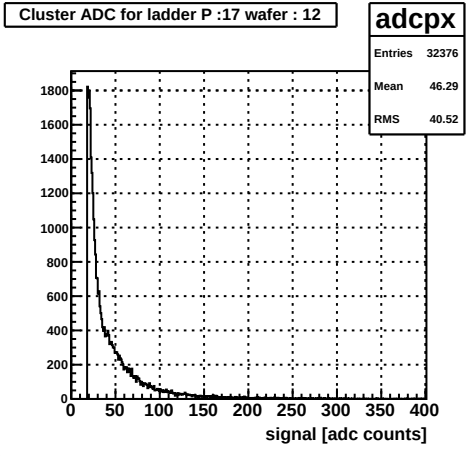

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 11634
Mean 69.55
RMS 57.51
signal [adc counts]

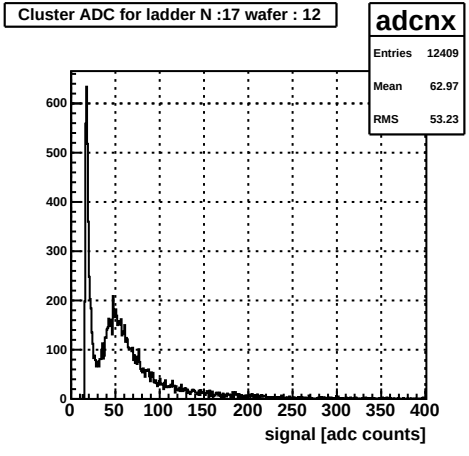

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 7038
Mean 61.21
RMS 52.06
signal [adc counts]

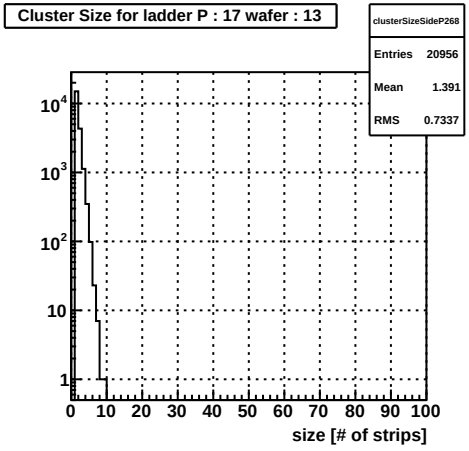

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 32376
Mean 1.324
RMS 0.6762
size [# of strips]

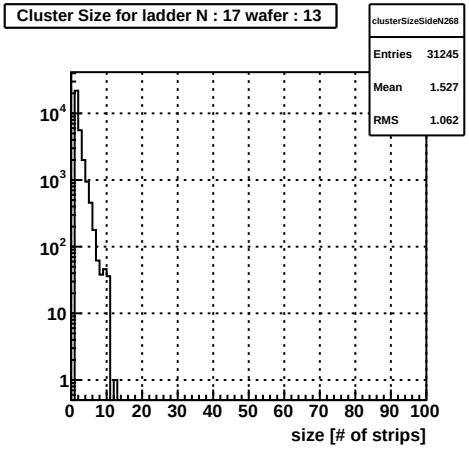

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 12409
Mean 1.469
RMS 0.7643
size [# of strips]

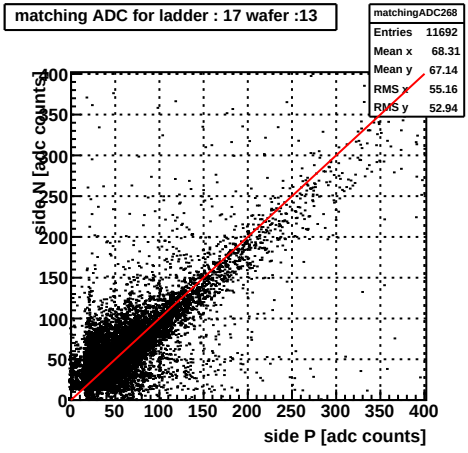

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 8111
Mean x 68.4
Mean y 71.44
RMS x 53.55
RMS y 53.43
side N [adc counts]
side P [adc counts]

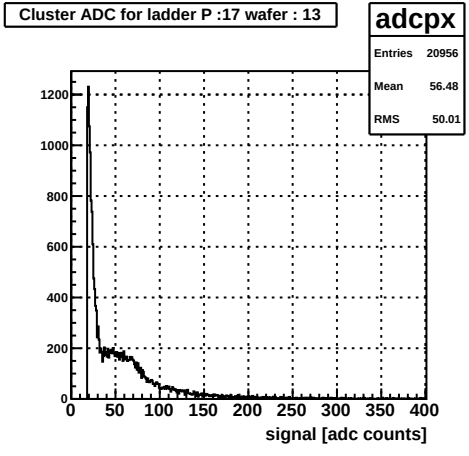

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 32376
Mean 46.29
RMS 40.52
signal [adc counts]

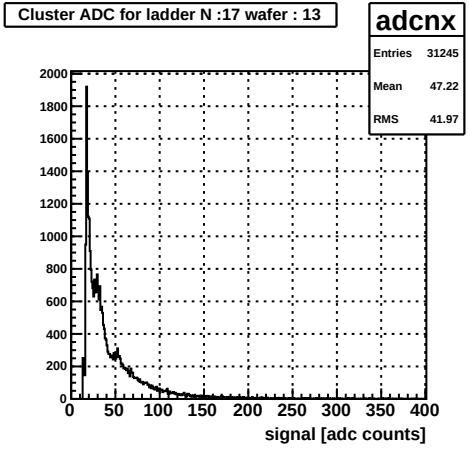

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 12409
Mean 62.97
RMS 53.23
signal [adc counts]

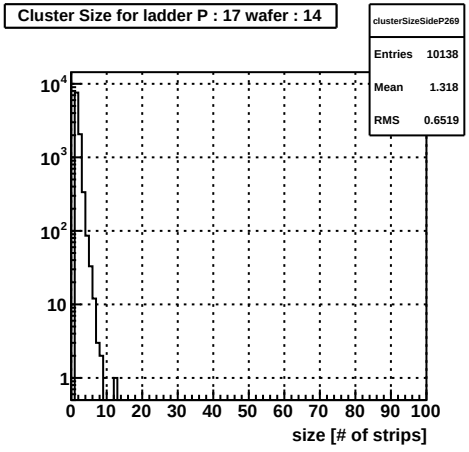

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 20956
Mean 1.391
RMS 0.7337
size [# of strips]

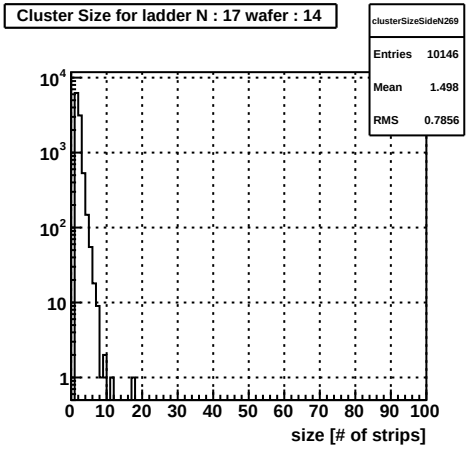

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 31245
Mean 1.527
RMS 1.062
size [# of strips]

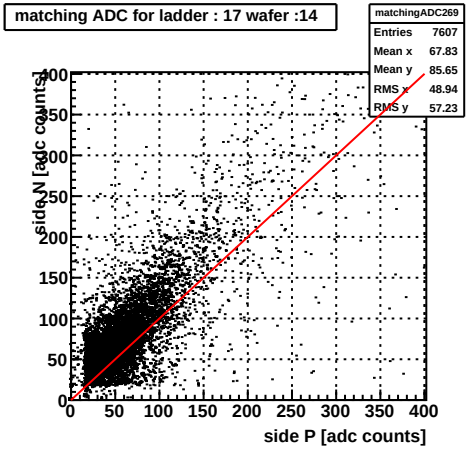

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 11692
Mean x 68.31
Mean y 67.14
RMS x 55.16
RMS y 52.94
side N [adc counts]
side P [adc counts]

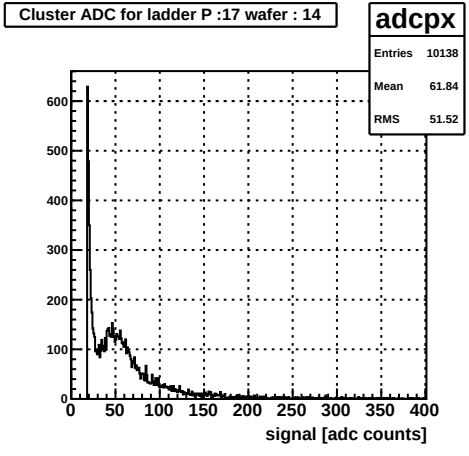

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 20956
Mean 56.48
RMS 50.01
signal [adc counts]

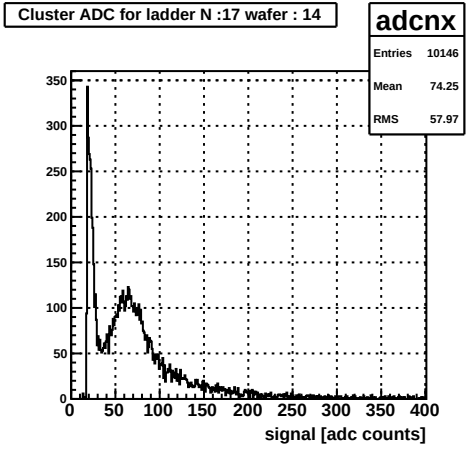

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 31245
Mean 47.22
RMS 41.97
signal [adc counts]

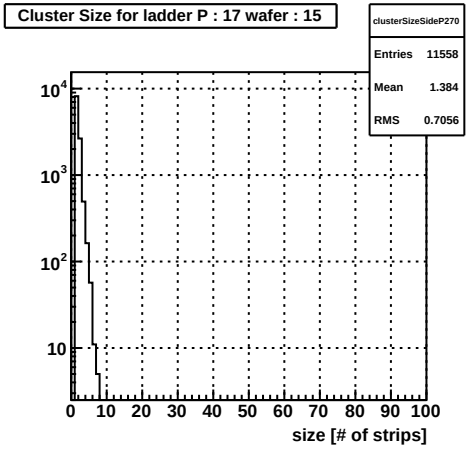

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 10138
Mean 1.318
RMS 0.6519
size [# of strips]

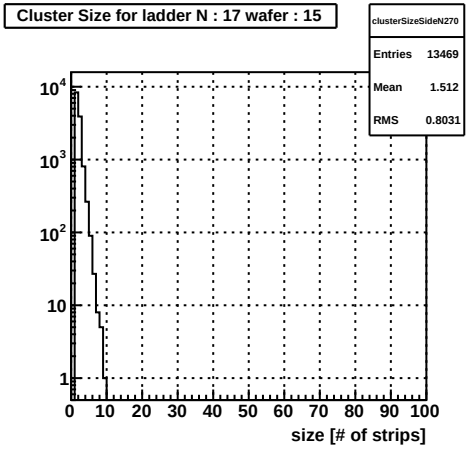

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 10146
Mean 1.498
RMS 0.7856
size [# of strips]

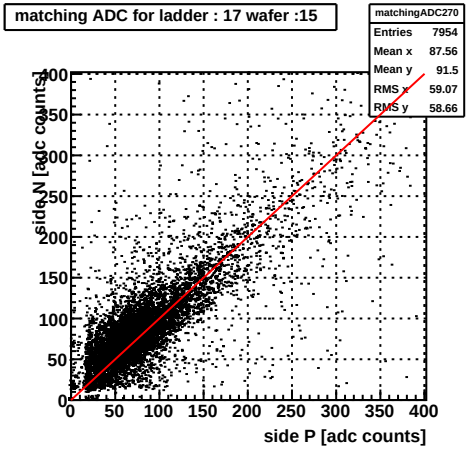

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 7607
Mean x 67.83
Mean y 85.65
RMS x 48.94
RMS y 57.23
side N [adc counts]
side P [adc counts]

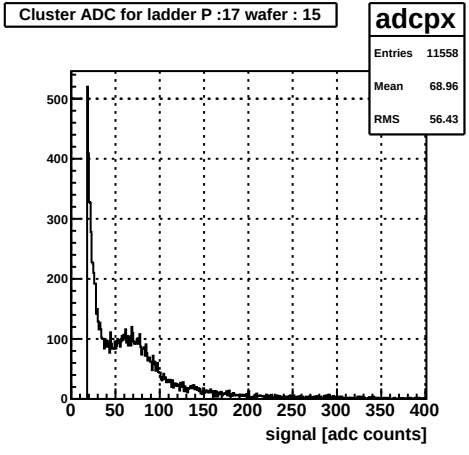

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 10138
Mean 61.84
RMS 51.52
signal [adc counts]

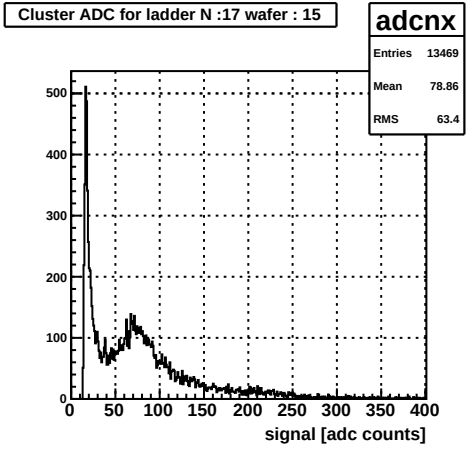

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 10146
Mean 74.25
RMS 57.97
signal [adc counts]

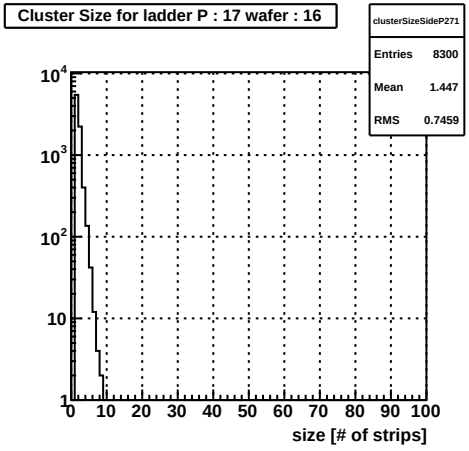

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 11558
Mean 1.384
RMS 0.7056
size [# of strips]

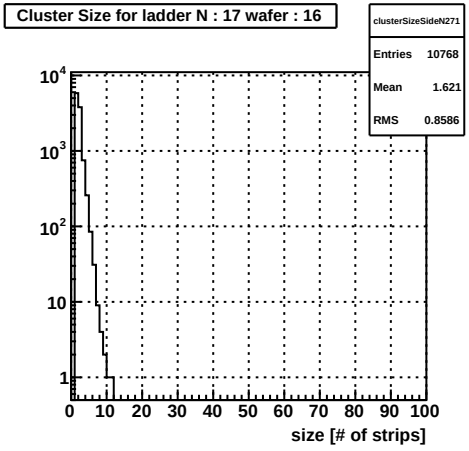

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 13469
Mean 1.512
RMS 0.8031
size [# of strips]

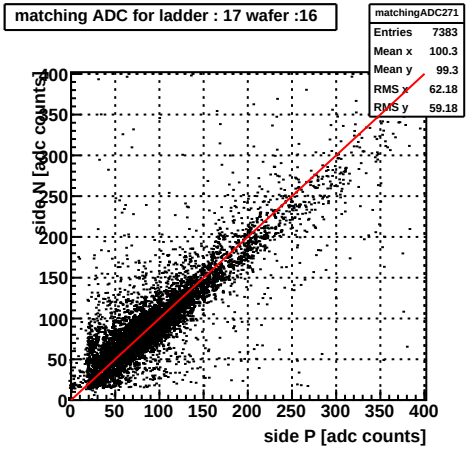

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 7954
Mean x 87.56
Mean y 91.5
RMS x 59.07
RMS y 58.66
side N [adc counts]
side P [adc counts]

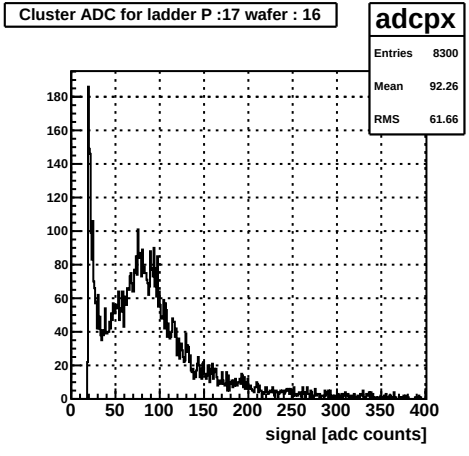

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 11558
Mean 68.96
RMS 56.43
signal [adc counts]

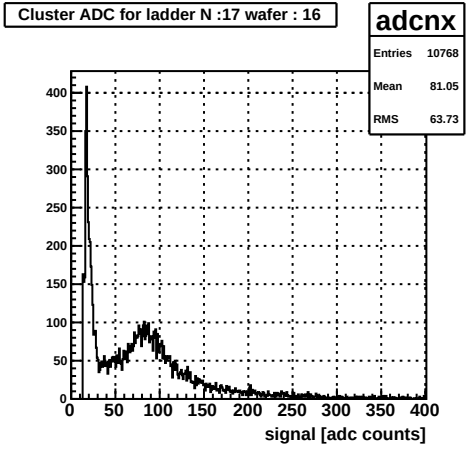

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 13469
Mean 78.86
RMS 63.4
signal [adc counts]

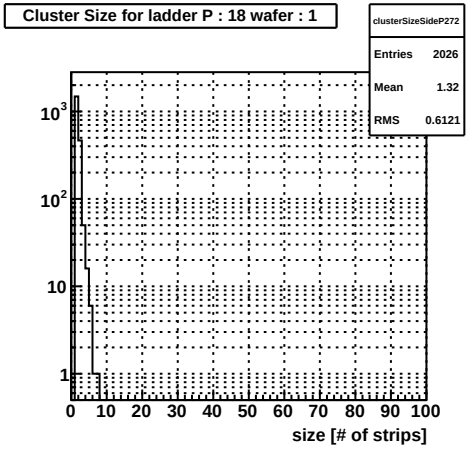

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 8300
Mean 1.447
RMS 0.7459
size [# of strips]

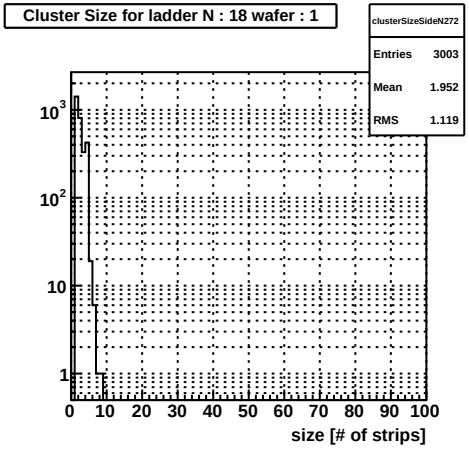

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 10768
Mean 1.621
RMS 0.8586
size [# of strips]

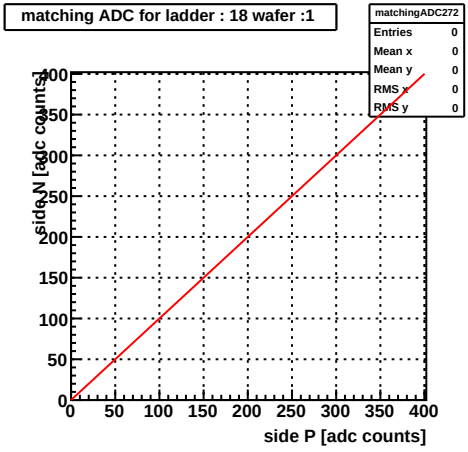

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 7383
Mean x 100.3
Mean y 99.3
RMS x 62.18
RMS y 59.18
side N [adc counts]
side P [adc counts]

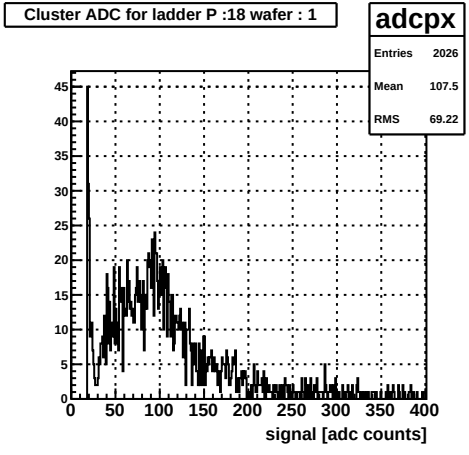

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 8300
Mean 92.26
RMS 61.66
signal [adc counts]

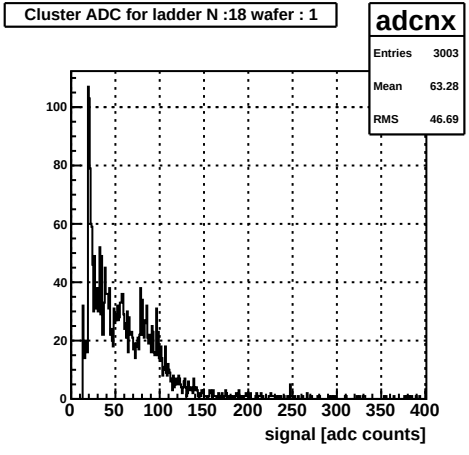

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 10768
Mean 81.05
RMS 63.73
signal [adc counts]

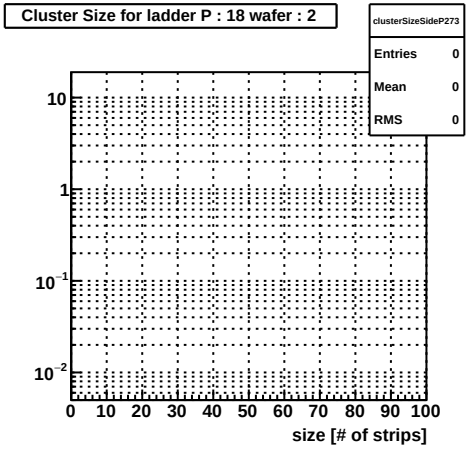

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2026
Mean 1.32
RMS 0.6121
size [# of strips]

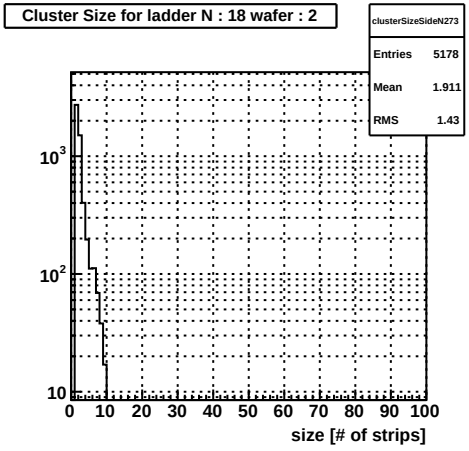

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3003
Mean 1.952
RMS 1.119
size [# of strips]

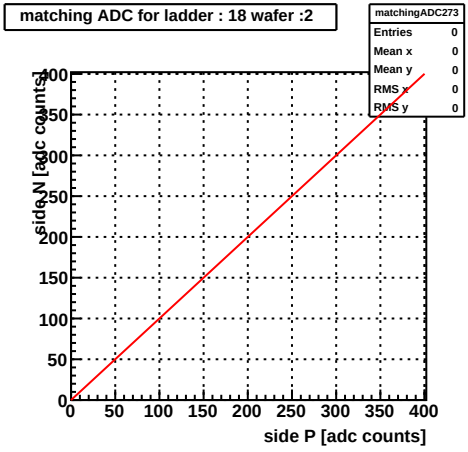

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

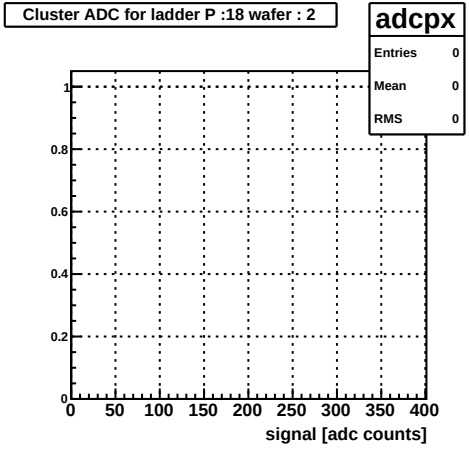

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2026
Mean 107.5
RMS 69.22
signal [adc counts]

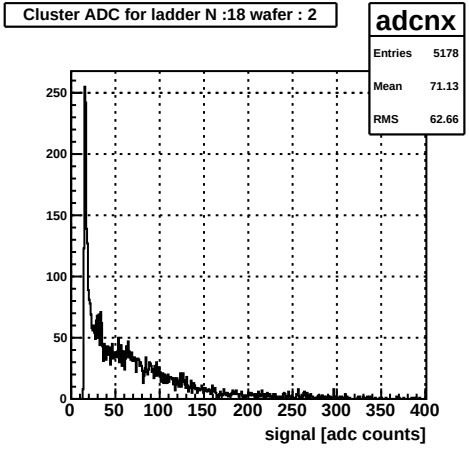

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3003
Mean 63.28
RMS 46.69
signal [adc counts]

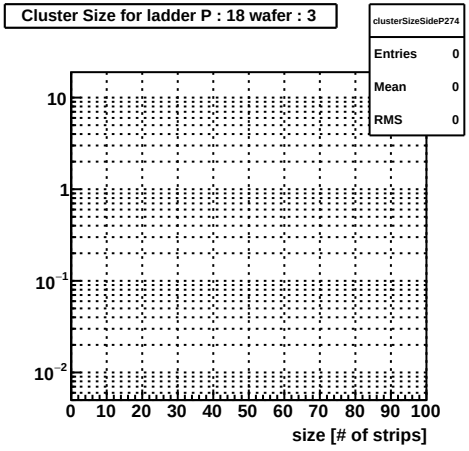

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

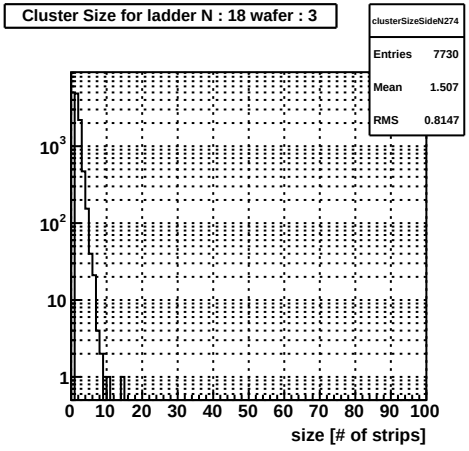

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5178
Mean 1.911
RMS 1.43
size [# of strips]

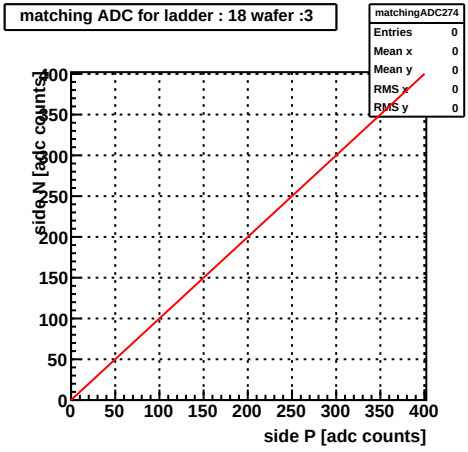

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

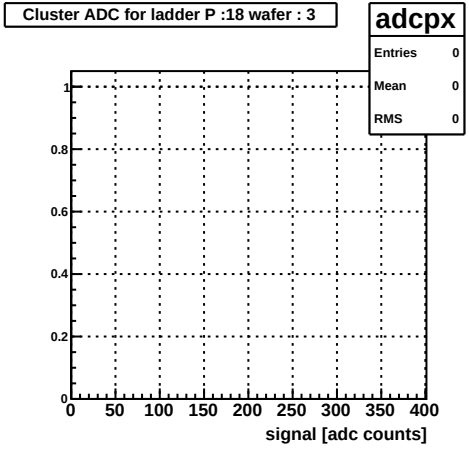

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

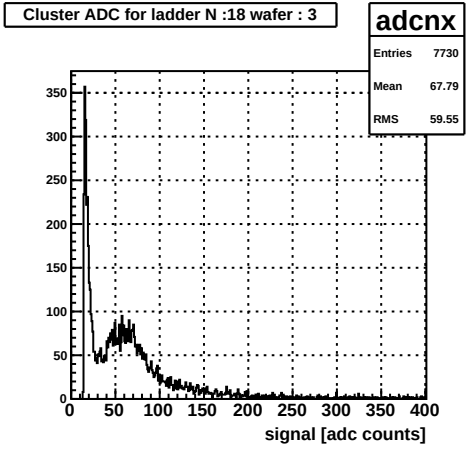

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5178
Mean 71.13
RMS 62.66
signal [adc counts]

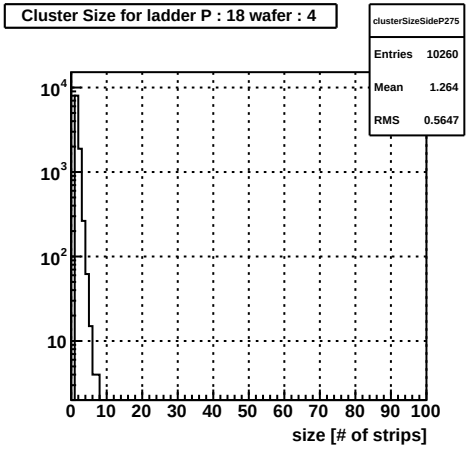

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

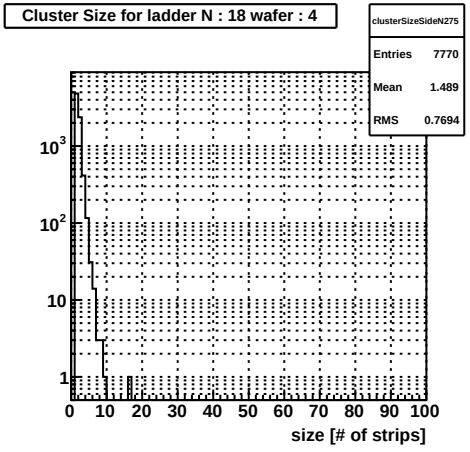

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 7730
Mean 1.507
RMS 0.8147
size [# of strips]

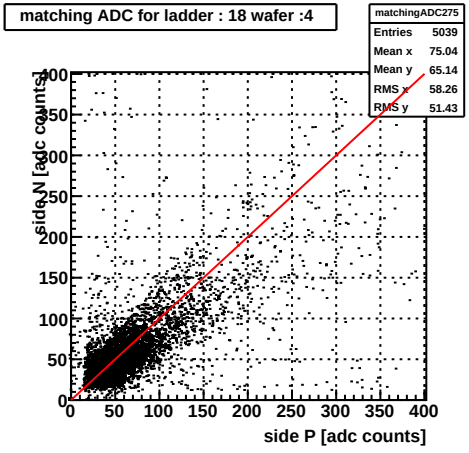

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

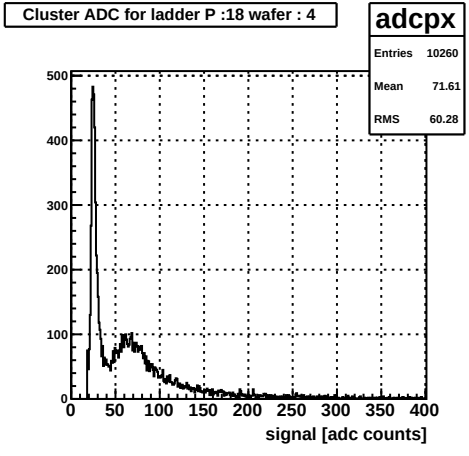

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

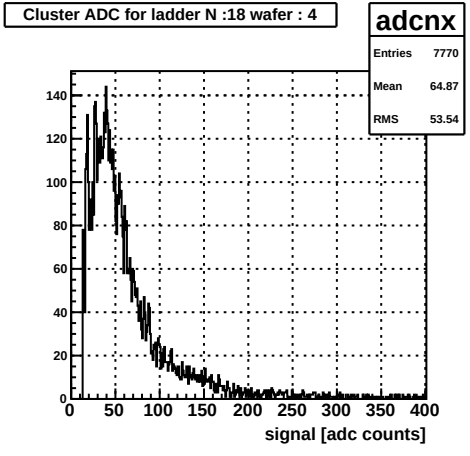

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 7730
Mean 67.79
RMS 59.55
signal [adc counts]

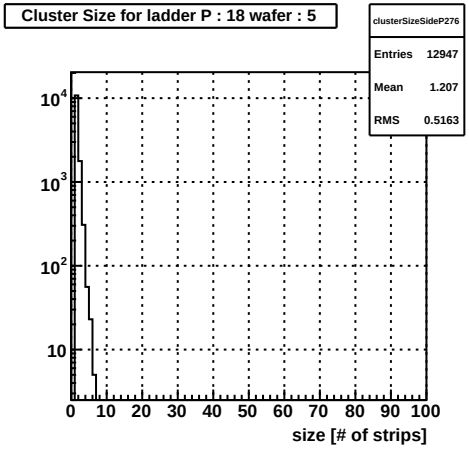

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 10260
Mean 1.264
RMS 0.5647
size [# of strips]

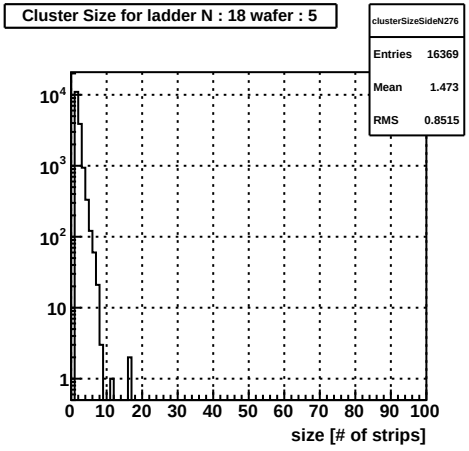

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 7770
Mean 1.489
RMS 0.7694
size [# of strips]

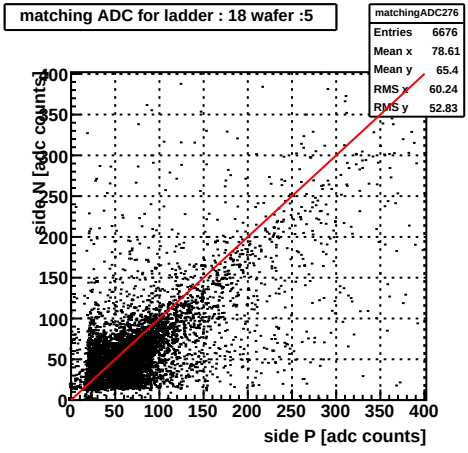

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5039
Mean x 75.04
Mean y 65.14
RMS x 58.26
RMS y 51.43
side N [adc counts]
side P [adc counts]

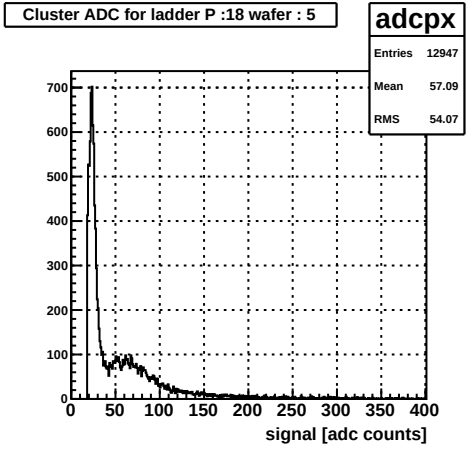

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 10260
Mean 71.61
RMS 60.28
signal [adc counts]

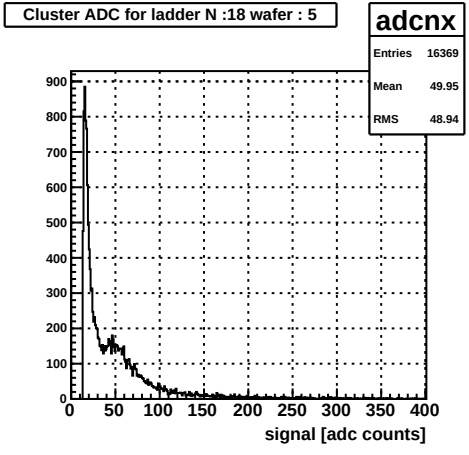

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 7770
Mean 64.87
RMS 53.54
signal [adc counts]

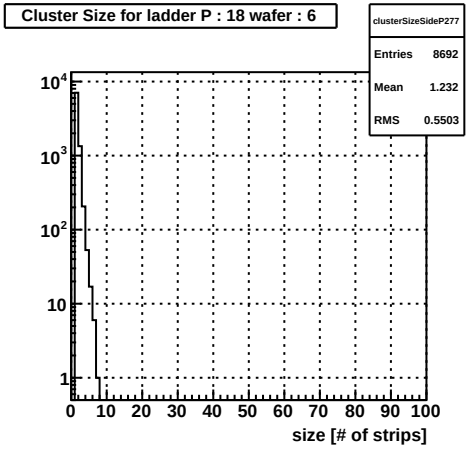

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 12947
Mean 1.207
RMS 0.5163
size [# of strips]

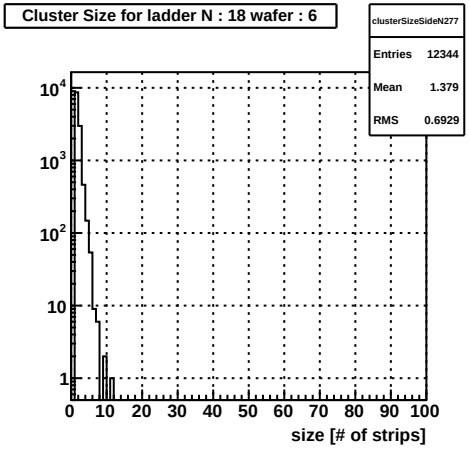

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 16369
Mean 1.473
RMS 0.8515
size [# of strips]

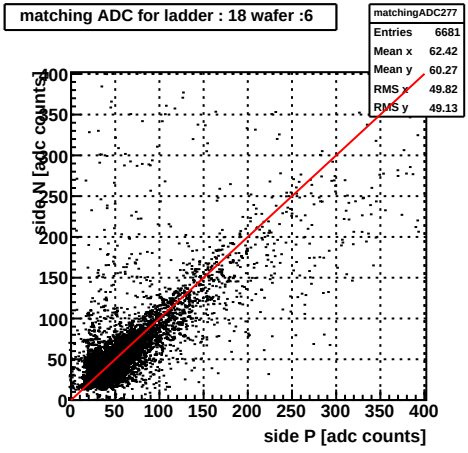

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6676
Mean x 78.61
Mean y 65.4
RMS x 60.24
RMS y 52.83
side N [adc counts]
side P [adc counts]

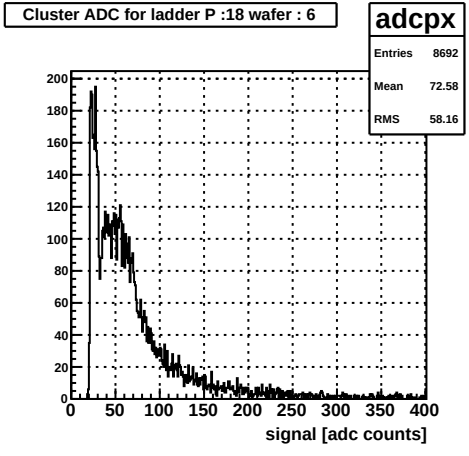

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 12947
Mean 57.09
RMS 54.07
signal [adc counts]

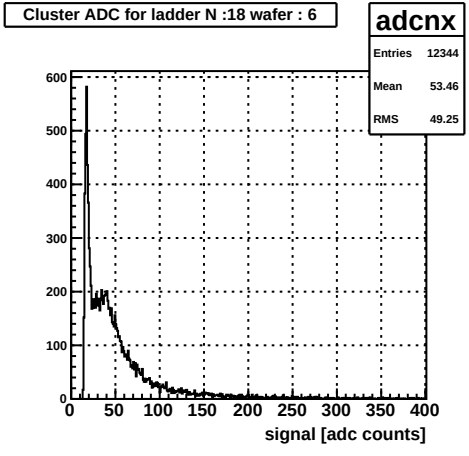

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 16369
Mean 49.95
RMS 48.94
signal [adc counts]

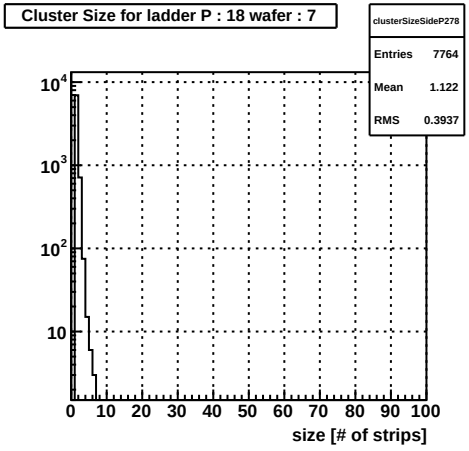

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8692
Mean 1.232
RMS 0.5503
size [# of strips]

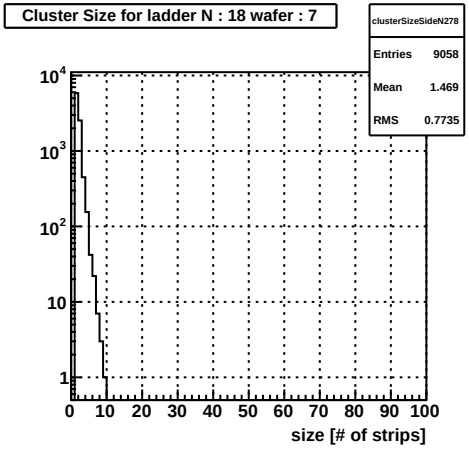

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 12344
Mean 1.379
RMS 0.6929
size [# of strips]

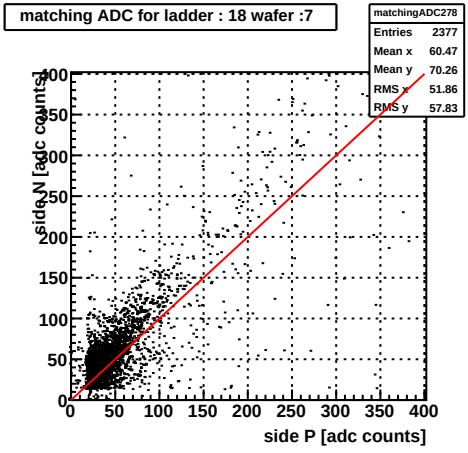

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6681
Mean x 62.42
Mean y 60.27
RMS x 49.82
RMS y 49.13
side N [adc counts]
side P [adc counts]

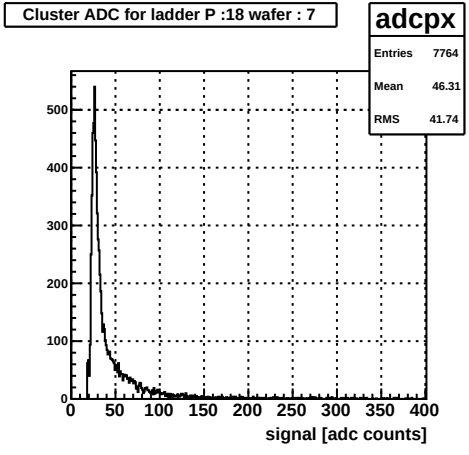

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8692
Mean 72.58
RMS 58.16
signal [adc counts]

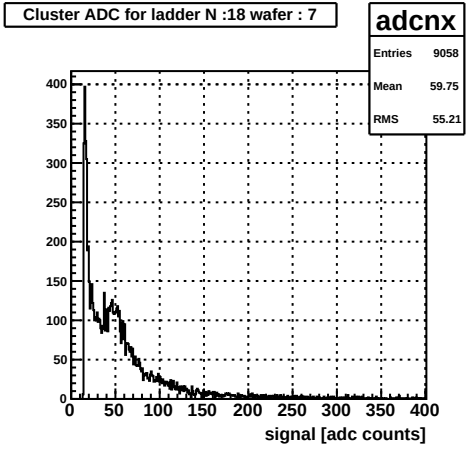

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 12344
Mean 53.46
RMS 49.25
signal [adc counts]

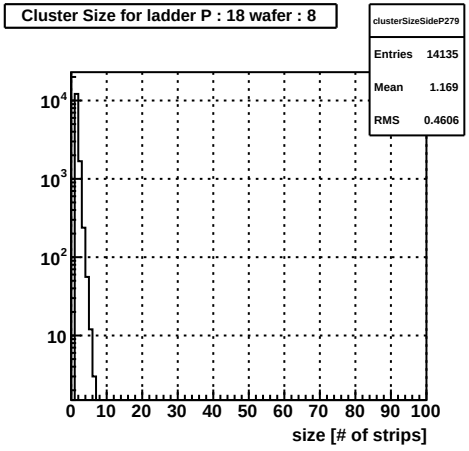

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7764
Mean 1.122
RMS 0.3937
size [# of strips]

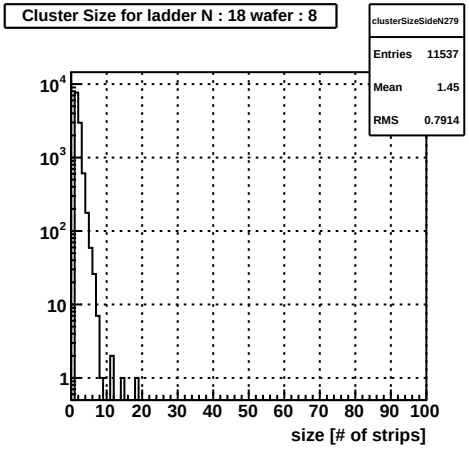

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 9058
Mean 1.469
RMS 0.7735
size [# of strips]

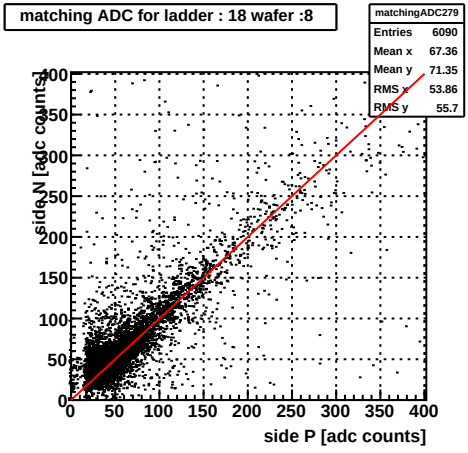

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2377
Mean x 60.47
Mean y 70.26
RMS x 51.86
RMS y 57.83
side N [adc counts]
side P [adc counts]

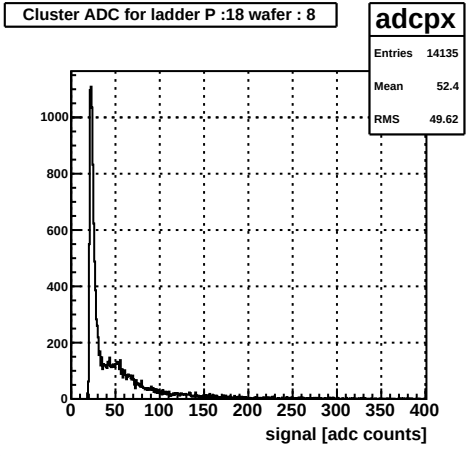

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7764
Mean 46.31
RMS 41.74
signal [adc counts]

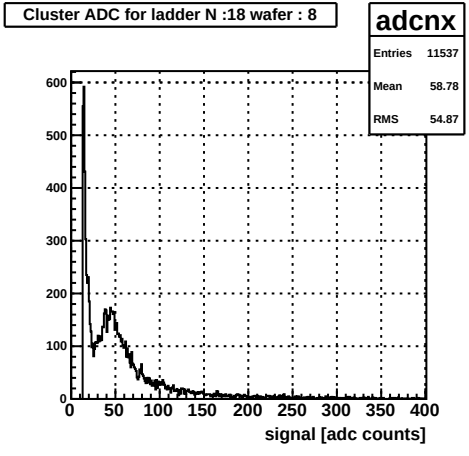

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 9058
Mean 59.75
RMS 55.21
signal [adc counts]

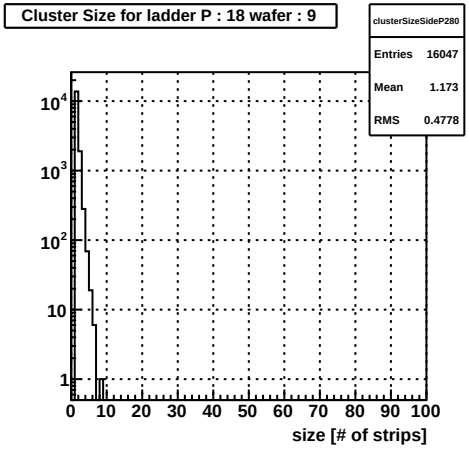

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 14135
Mean 1.169
RMS 0.4606
size [# of strips]

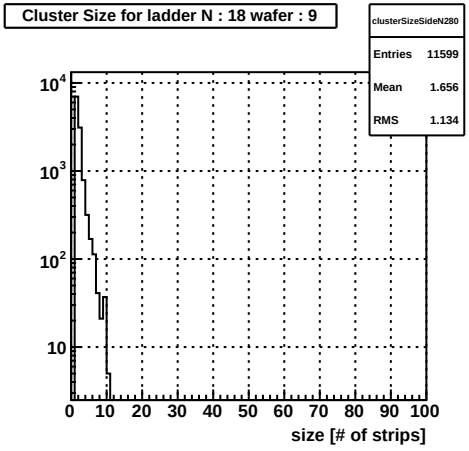

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 11537
Mean 1.45
RMS 0.7914
size [# of strips]

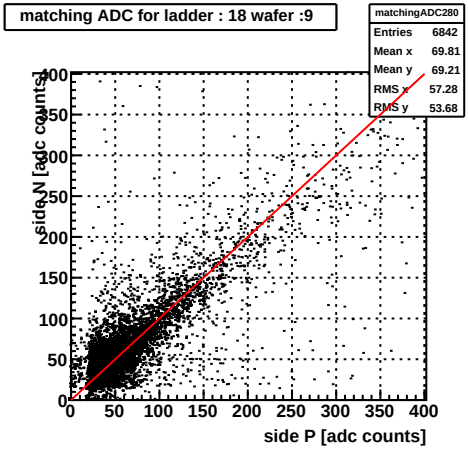

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6090
Mean x 67.36
Mean y 71.35
RMS x 53.86
RMS y 55.7
side N [adc counts]
side P [adc counts]

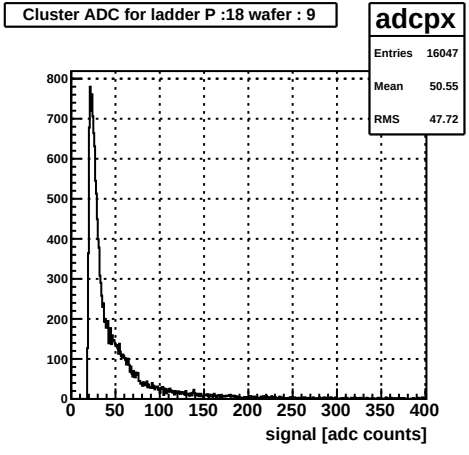

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 14135
Mean 52.4
RMS 49.62
signal [adc counts]

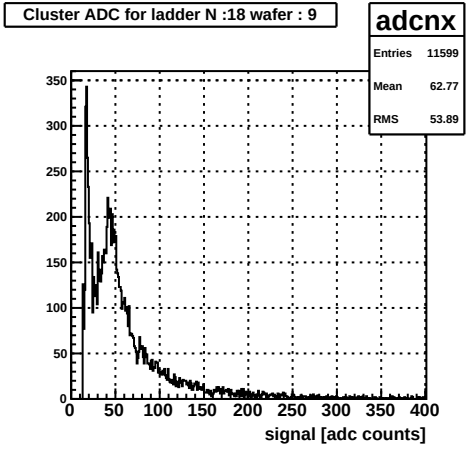

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 11537
Mean 58.78
RMS 54.87
signal [adc counts]

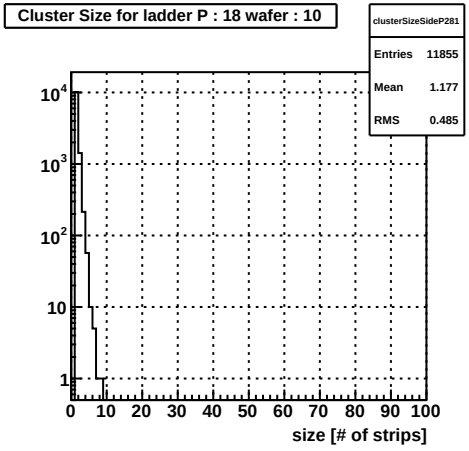

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 16047
Mean 1.173
RMS 0.4778
size [# of strips]

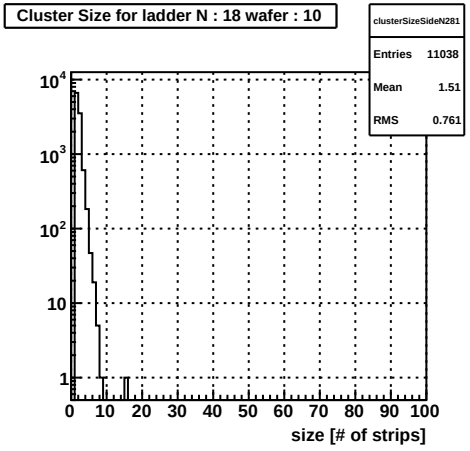

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 11599
Mean 1.656
RMS 1.134
size [# of strips]

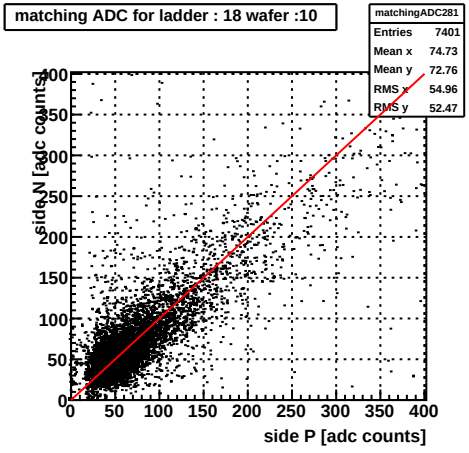

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 6842
Mean x 69.81
Mean y 69.21
RMS x 57.28
RMS y 53.68
side N [adc counts]
side P [adc counts]

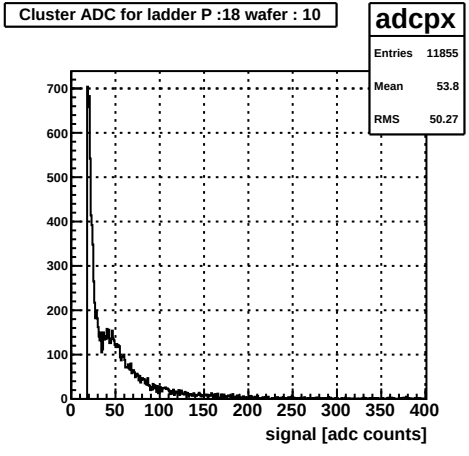

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 16047
Mean 50.55
RMS 47.72
signal [adc counts]

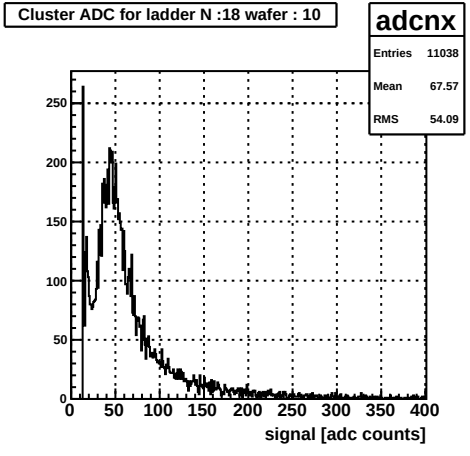

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 11599
Mean 62.77
RMS 53.89
signal [adc counts]

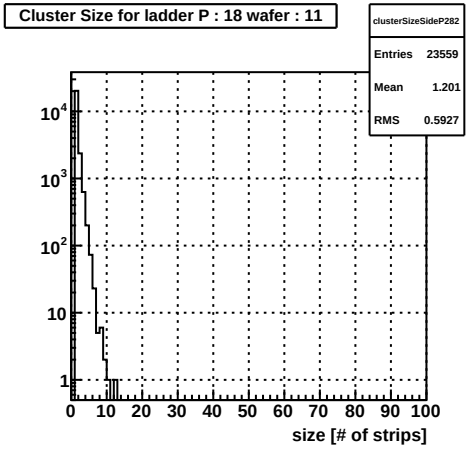

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 11855
Mean 1.177
RMS 0.485
size [# of strips]

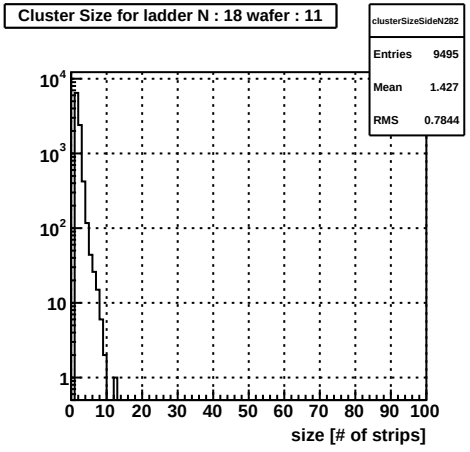

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 11038
Mean 1.51
RMS 0.761
size [# of strips]

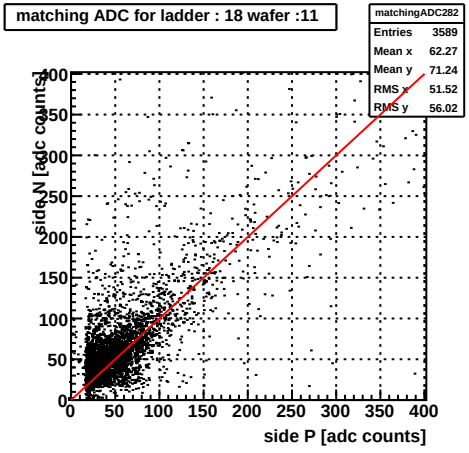

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 7401
Mean x 74.73
Mean y 72.76
RMS x 54.96
RMS y 52.47
side N [adc counts]
side P [adc counts]

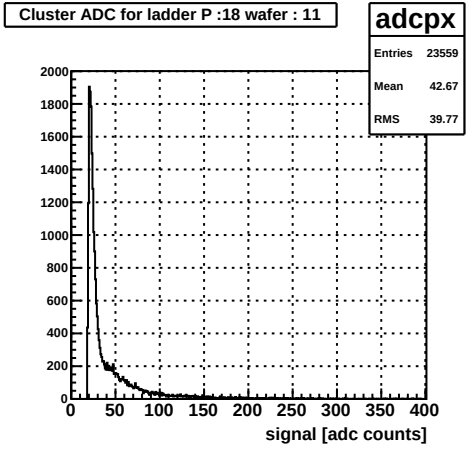

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 11855
Mean 53.8
RMS 50.27
signal [adc counts]

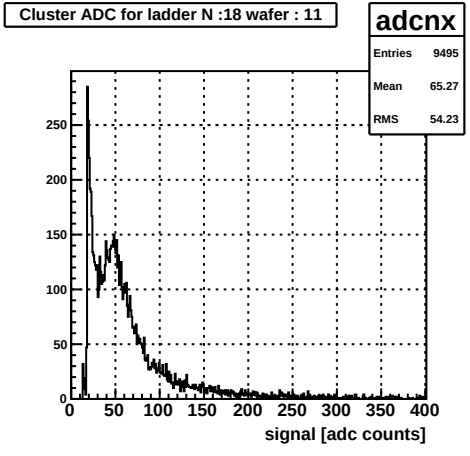

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 11038
Mean 67.57
RMS 54.09
signal [adc counts]

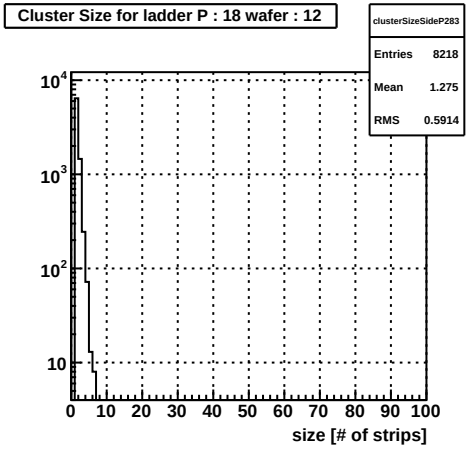

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23559
Mean 1.201
RMS 0.5927
size [# of strips]

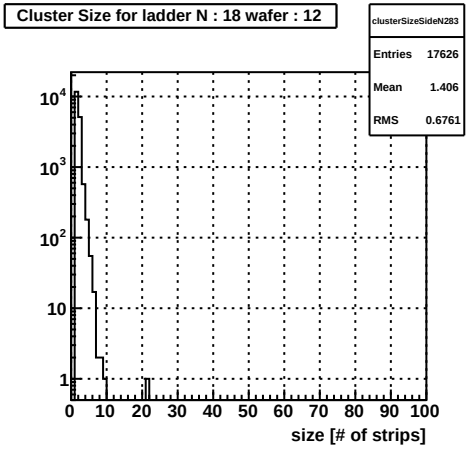

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9495
Mean 1.427
RMS 0.7844
size [# of strips]

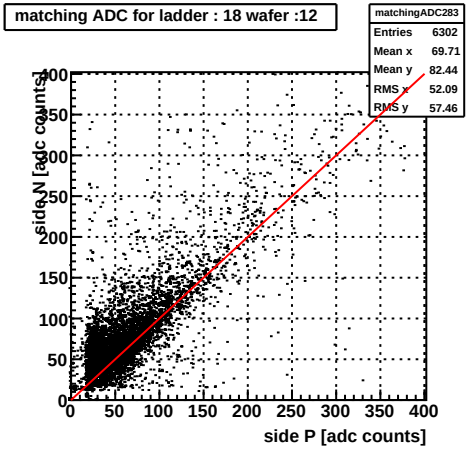

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 3589
Mean x 62.27
Mean y 71.24
RMS x 51.52
RMS y 56.02
side N [adc counts]
side P [adc counts]

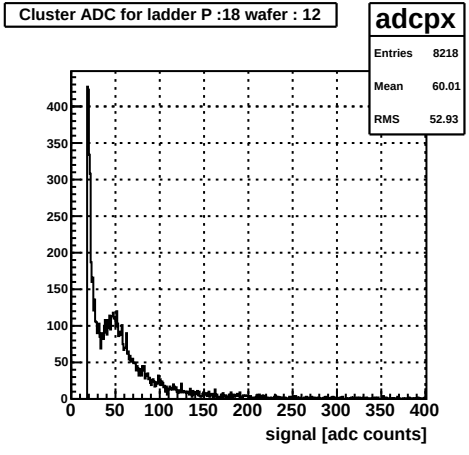

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23559
Mean 42.67
RMS 39.77
signal [adc counts]

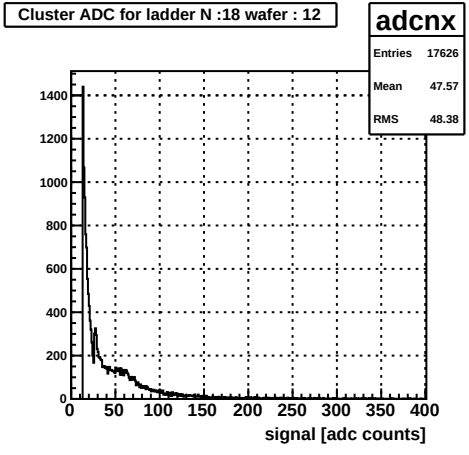

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9495
Mean 65.27
RMS 54.23
signal [adc counts]

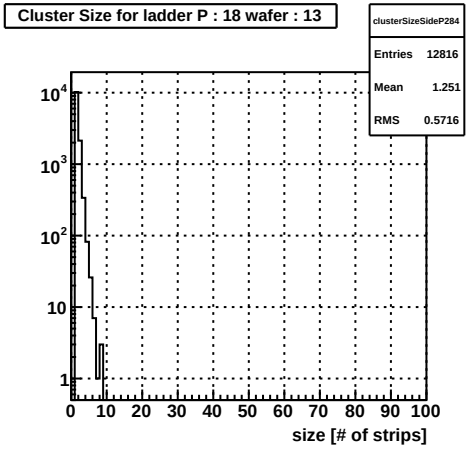

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 8218
Mean 1.275
RMS 0.5914
size [# of strips]

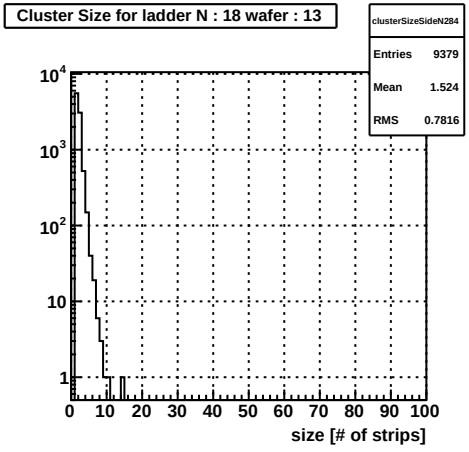

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 17626
Mean 1.406
RMS 0.6761
size [# of strips]

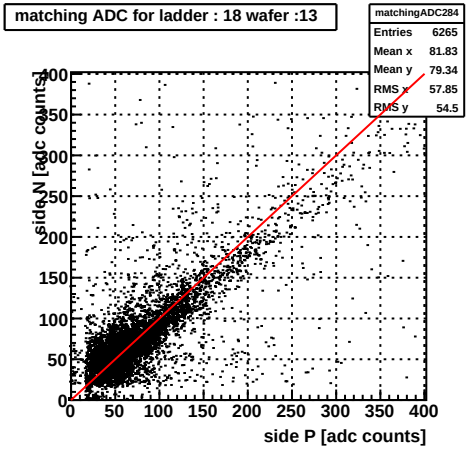

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 6302
Mean x 69.71
Mean y 82.44
RMS x 52.09
RMS y 57.46
side N [adc counts]
side P [adc counts]

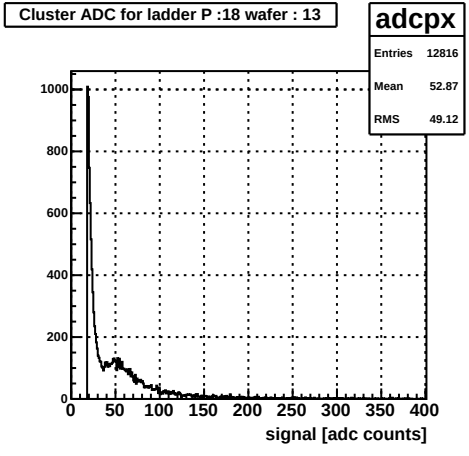

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 8218
Mean 60.01
RMS 52.93
signal [adc counts]

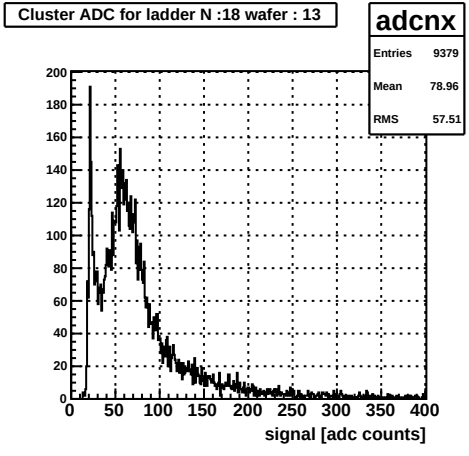

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 17626
Mean 47.57
RMS 48.38
signal [adc counts]

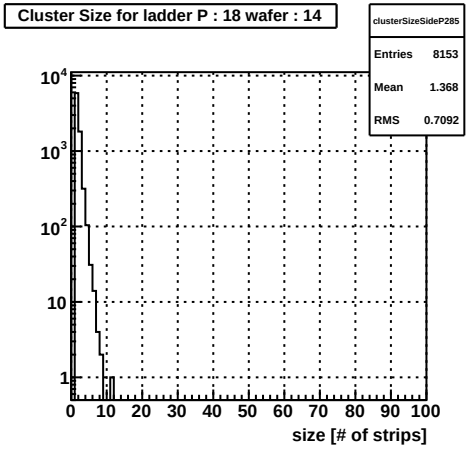

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 12816
Mean 1.251
RMS 0.5716
size [# of strips]

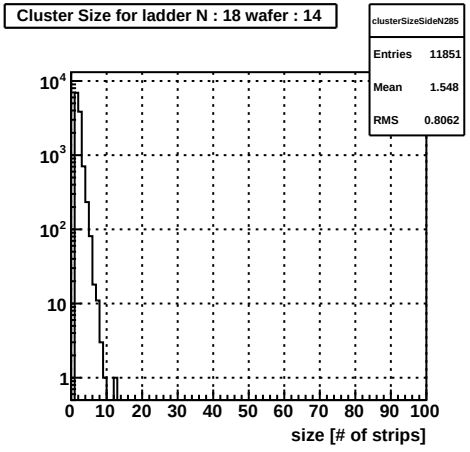

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 9379
Mean 1.524
RMS 0.7816
size [# of strips]

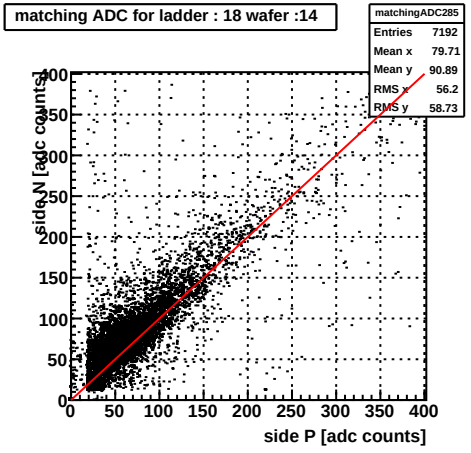

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 6265
Mean x 81.83
Mean y 79.34
RMS x 57.85
RMS y 54.5
side N [adc counts]
side P [adc counts]

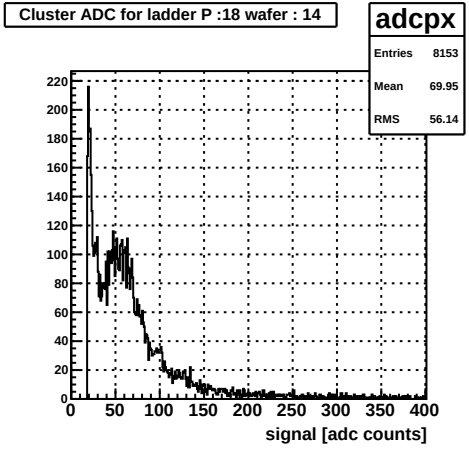

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 12816
Mean 52.87
RMS 49.12
signal [adc counts]

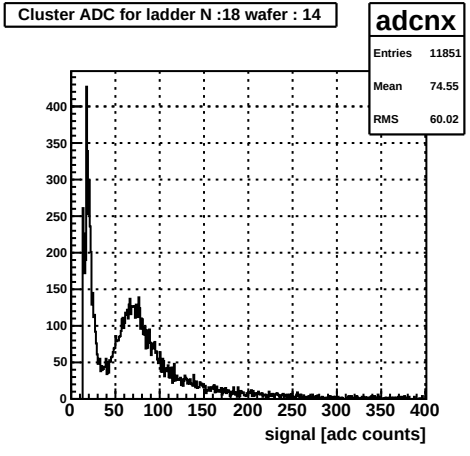

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 9379
Mean 78.96
RMS 57.51
signal [adc counts]

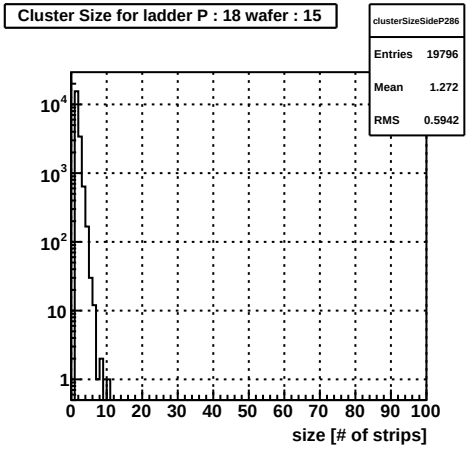

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 8153
Mean 1.368
RMS 0.7092
size [# of strips]

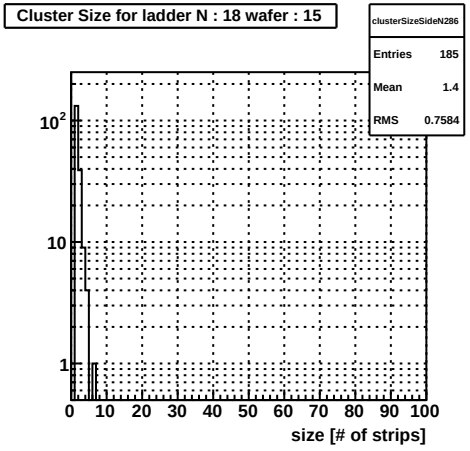

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 11851
Mean 1.548
RMS 0.8062
size [# of strips]

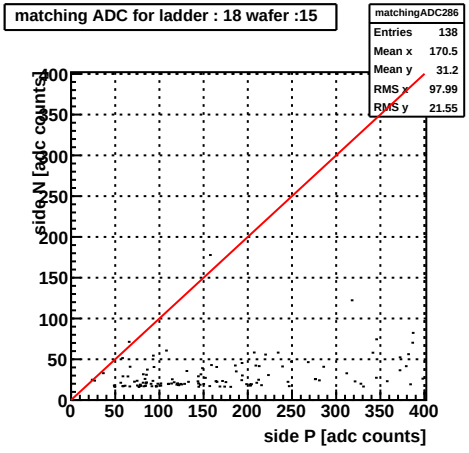

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 7192
Mean x 79.71
Mean y 90.89
RMS x 56.2
RMS y 58.73
side N [adc counts]
side P [adc counts]

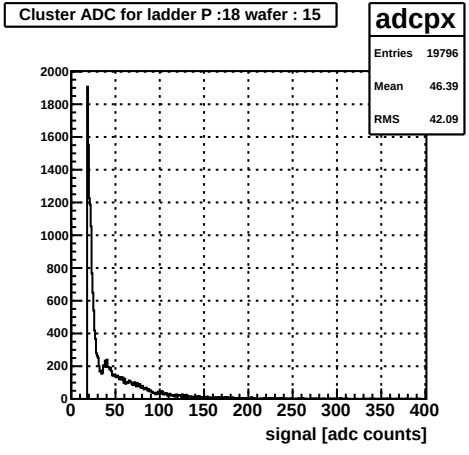

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 8153
Mean 69.95
RMS 56.14
signal [adc counts]

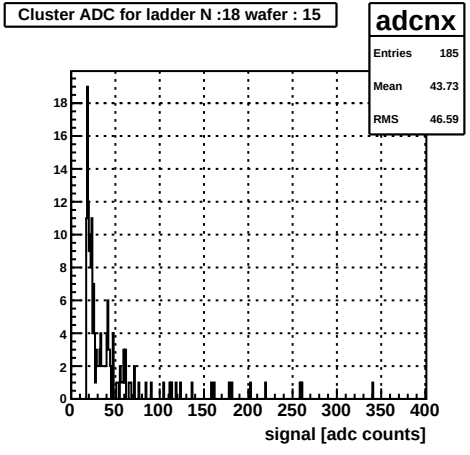

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 11851
Mean 74.55
RMS 60.02
signal [adc counts]

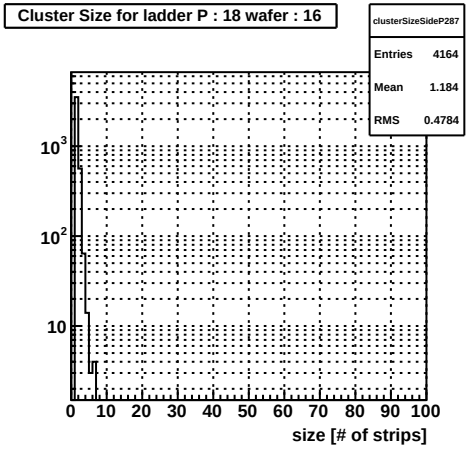

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 19796
Mean 1.272
RMS 0.5942
size [# of strips]

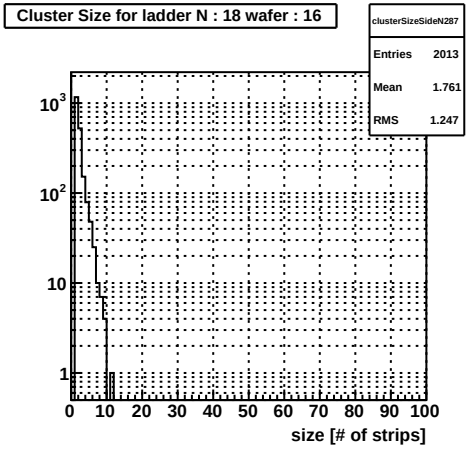

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 185
Mean 1.4
RMS 0.7584
size [# of strips]

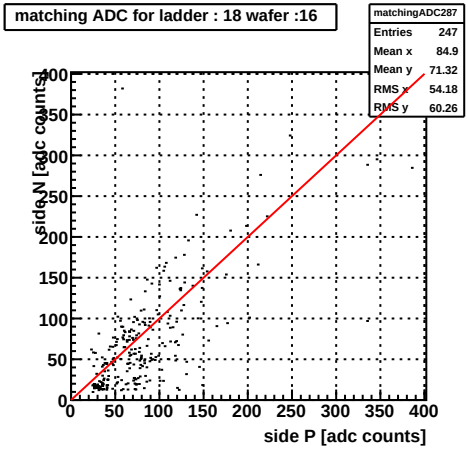

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 138
Mean x 170.5
Mean y 31.2
RMS x 97.99
RMS y 21.55
side N [adc counts]
side P [adc counts]

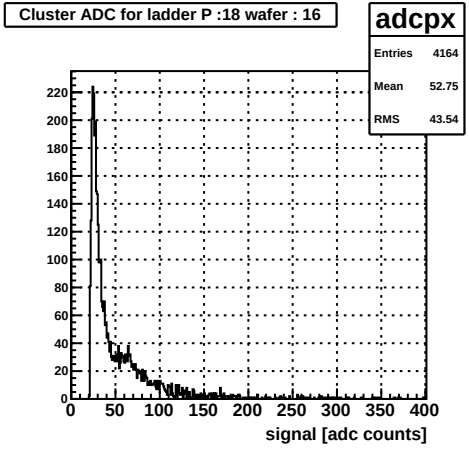

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 19796
Mean 46.39
RMS 42.09
signal [adc counts]

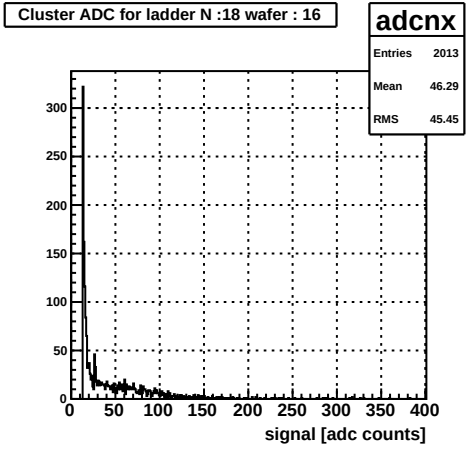

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 185
Mean 43.73
RMS 46.59
signal [adc counts]

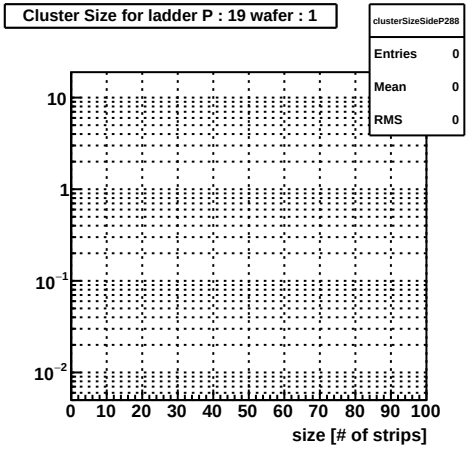

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4164
Mean 1.184
RMS 0.4784
size [# of strips]

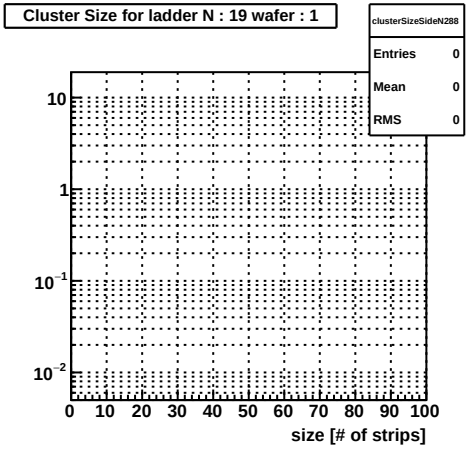

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2013
Mean 1.761
RMS 1.247
size [# of strips]

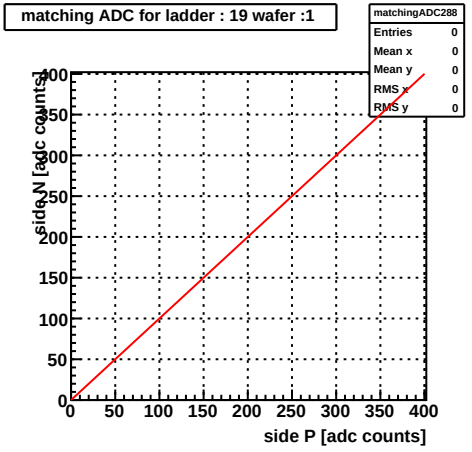

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 247
Mean x 84.9
Mean y 71.32
RMS x 54.18
RMS y 60.26
side N [adc counts]
side P [adc counts]

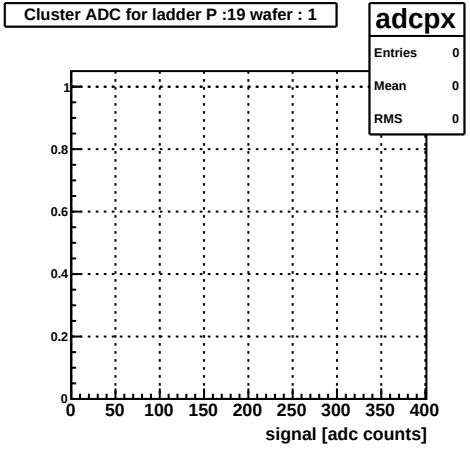

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4164
Mean 52.75
RMS 43.54
signal [adc counts]

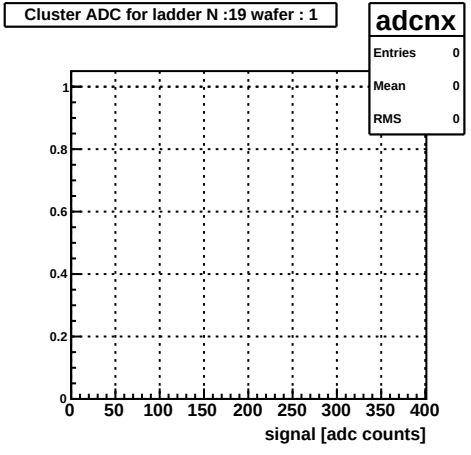

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2013
Mean 46.29
RMS 45.45
signal [adc counts]

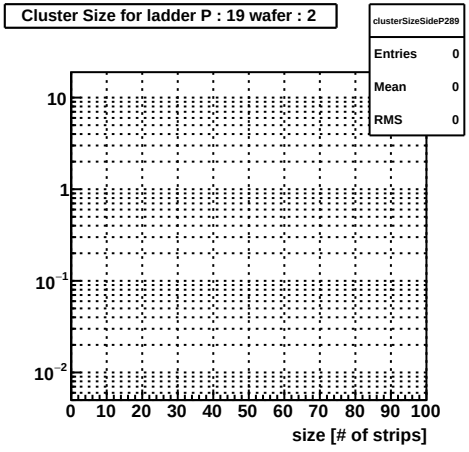

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

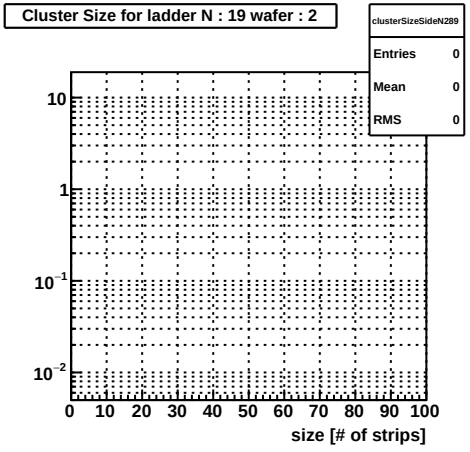

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

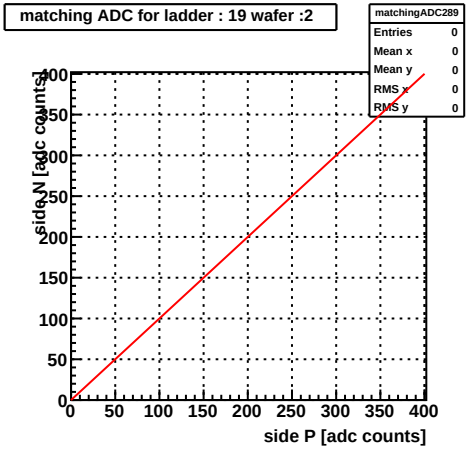

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

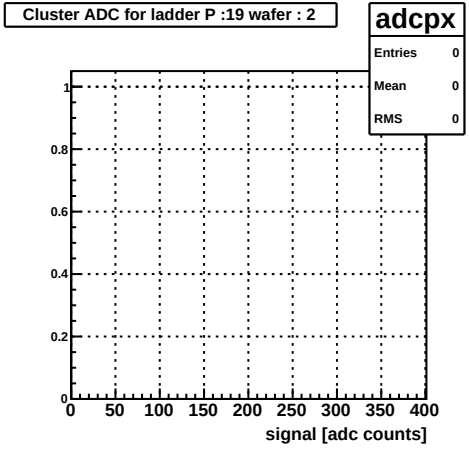

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

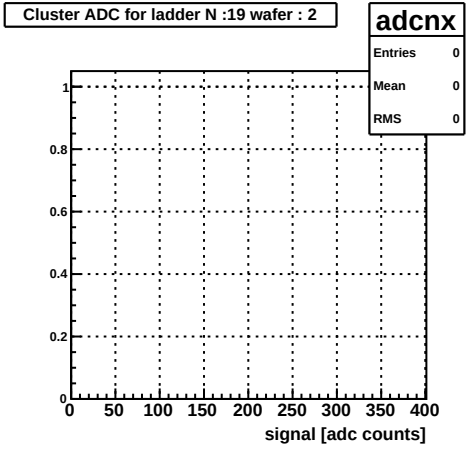

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

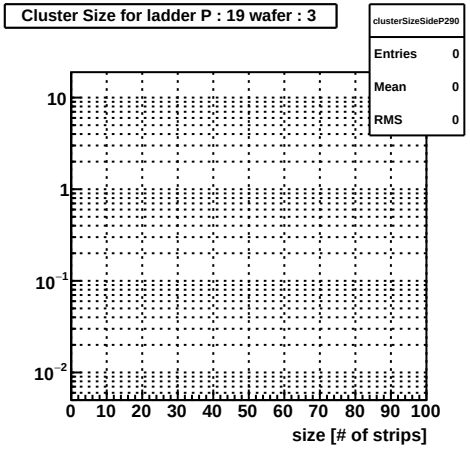

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

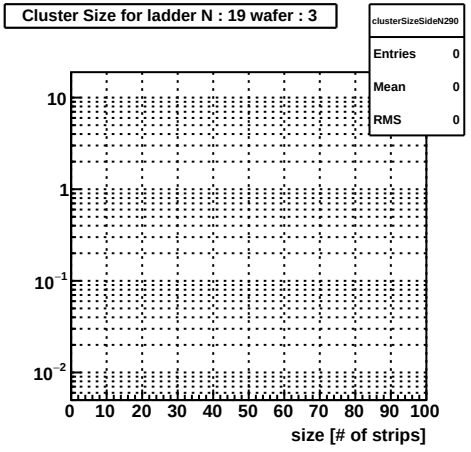

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

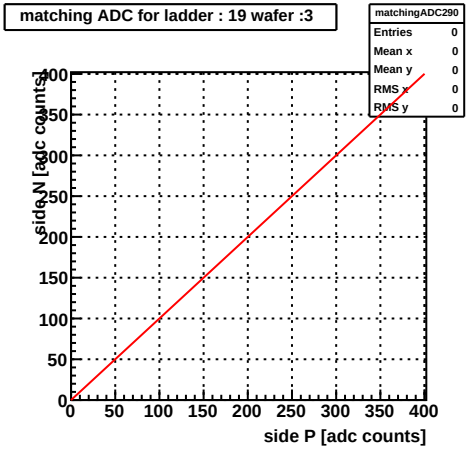

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

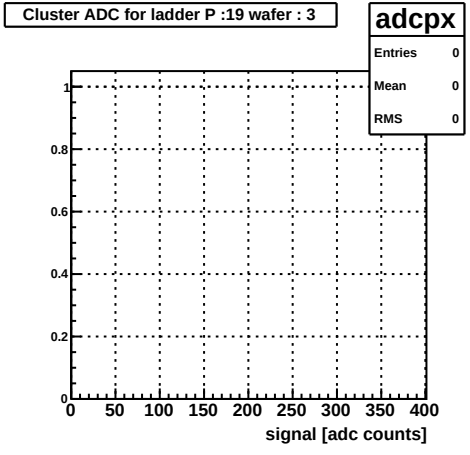

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

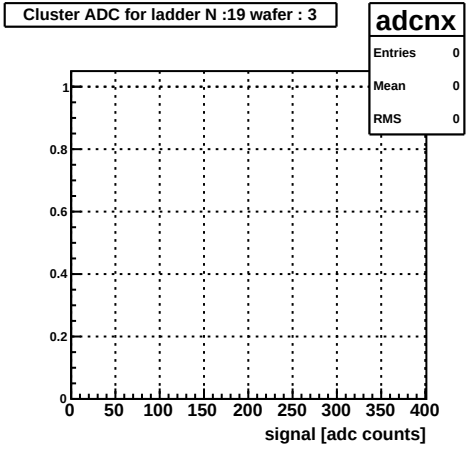

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

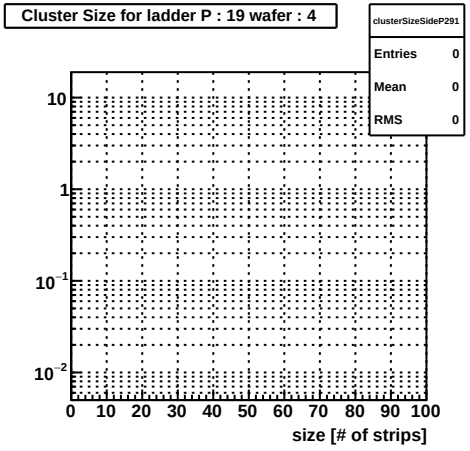

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

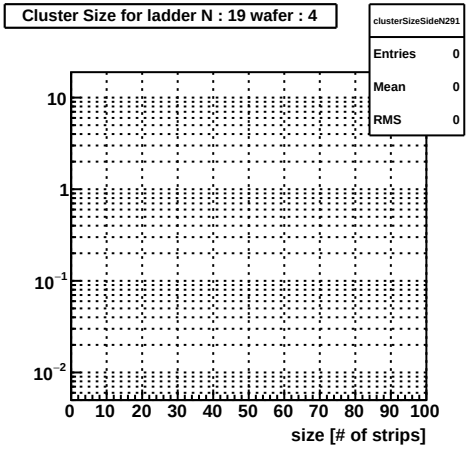

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

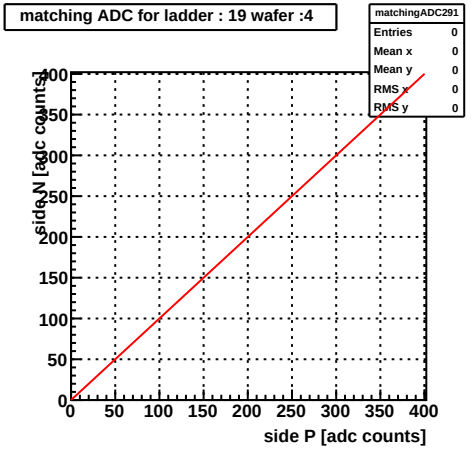

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

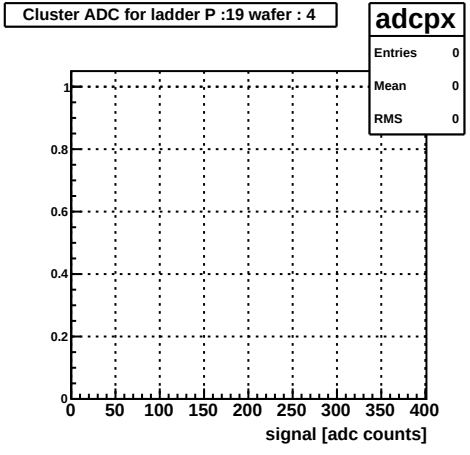

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

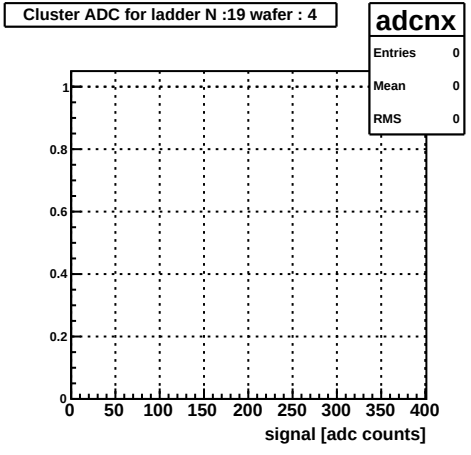

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

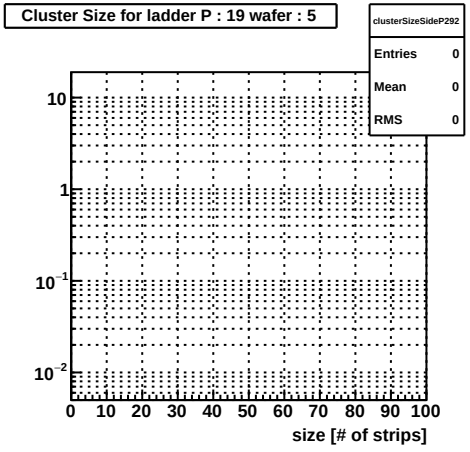

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

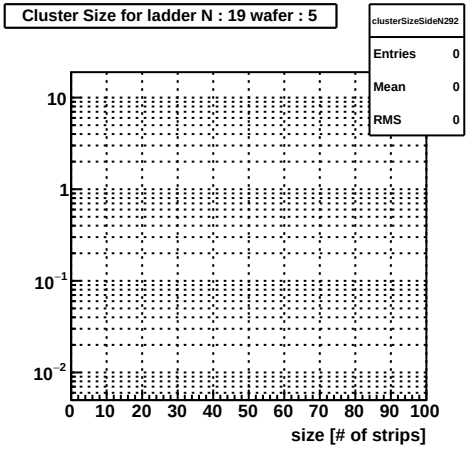

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

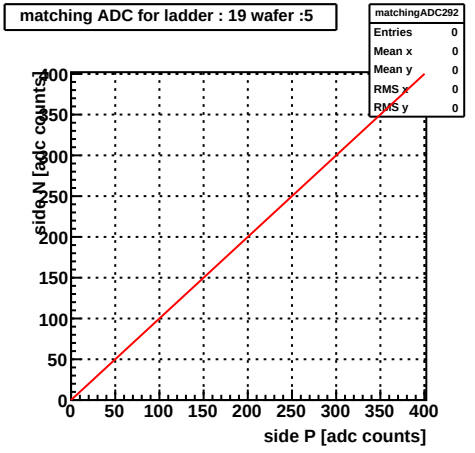

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

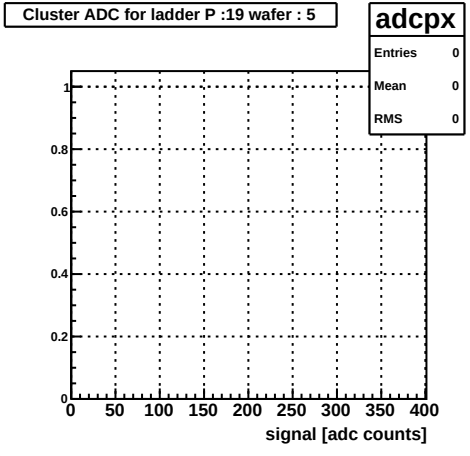

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

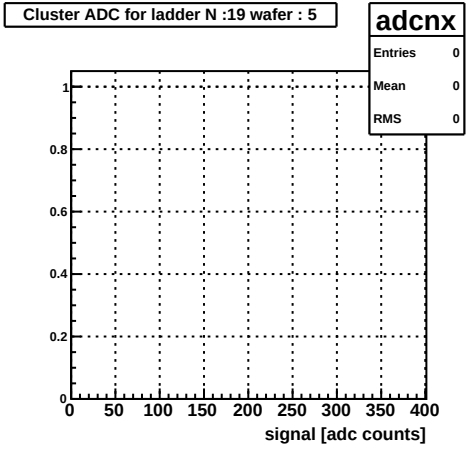

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

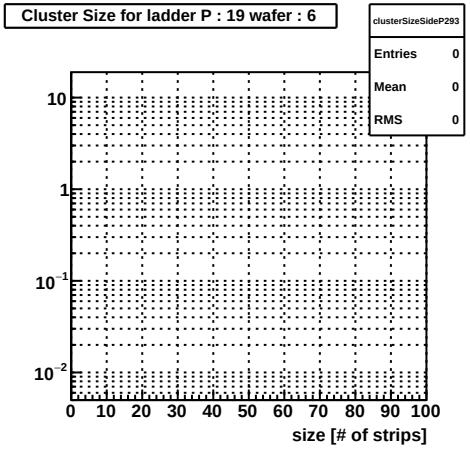

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

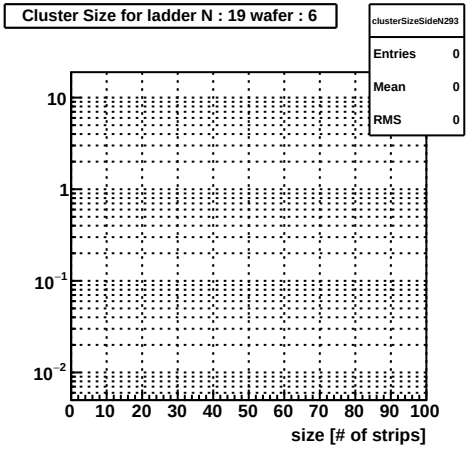

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

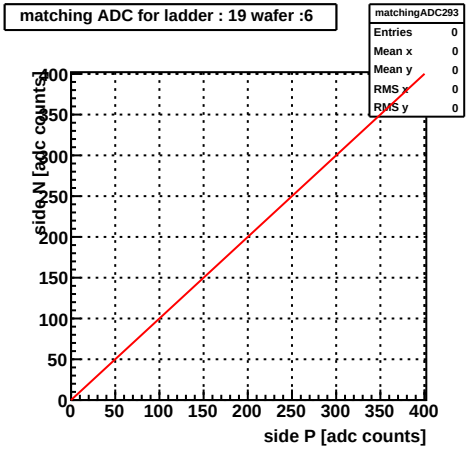

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

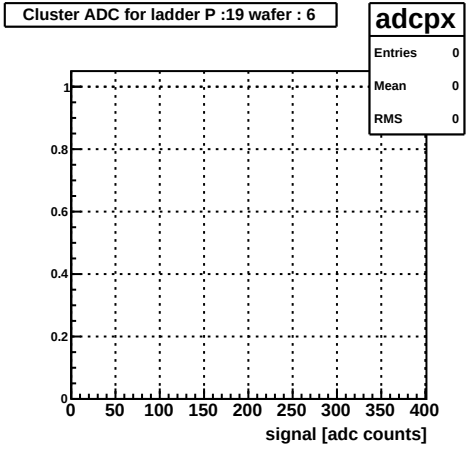

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

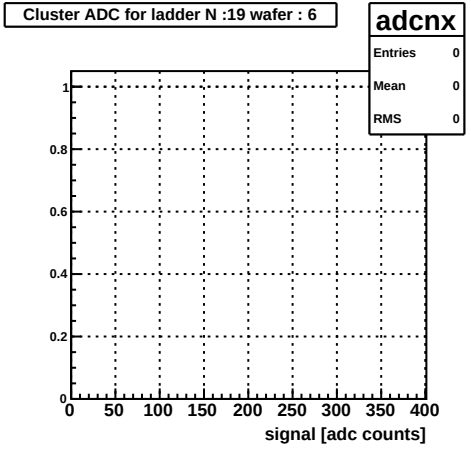

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

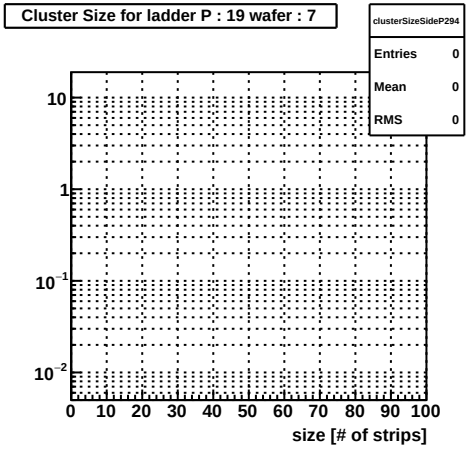

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

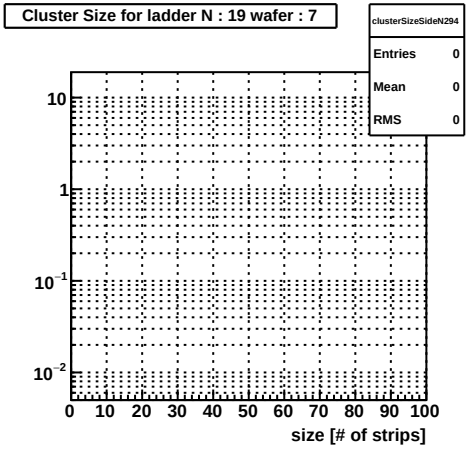

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

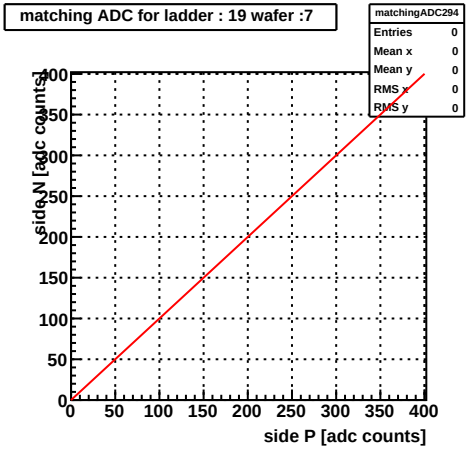

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

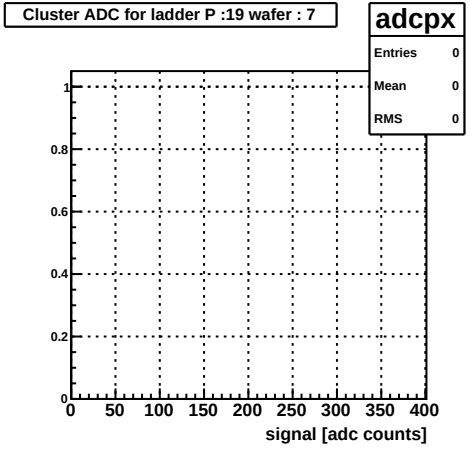

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

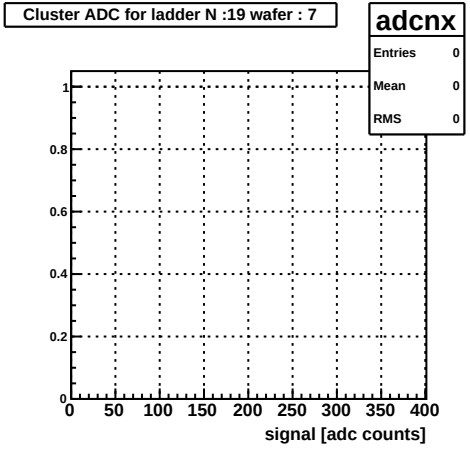

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

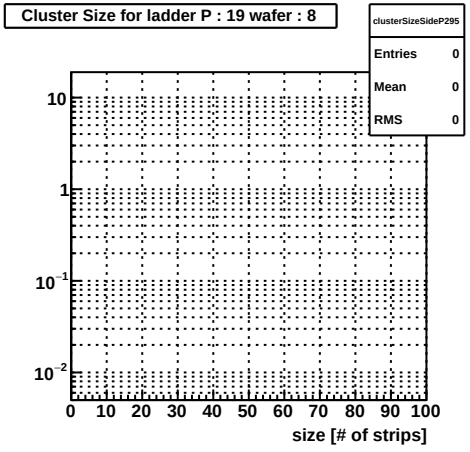

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

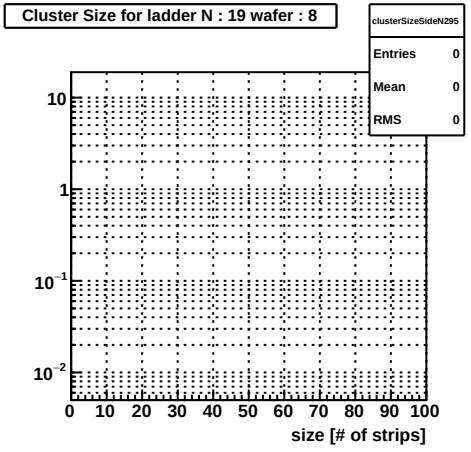

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

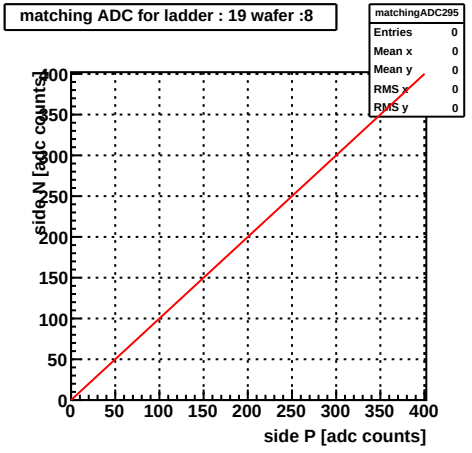

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

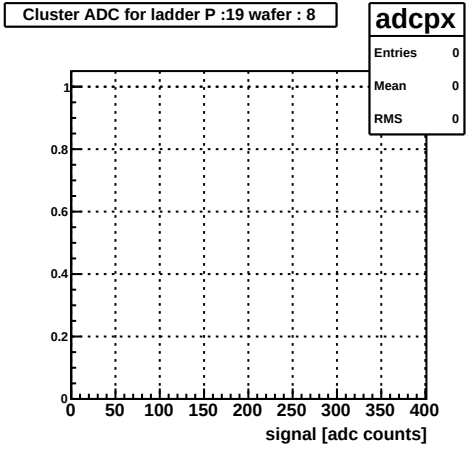

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

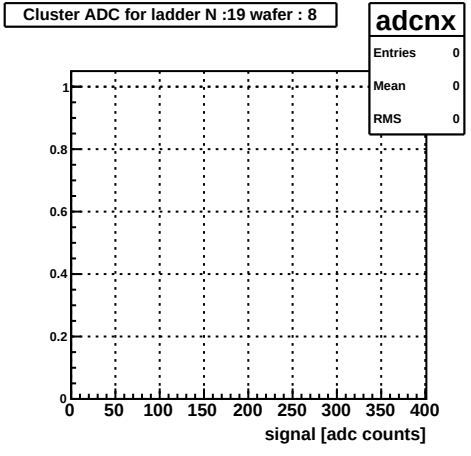

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

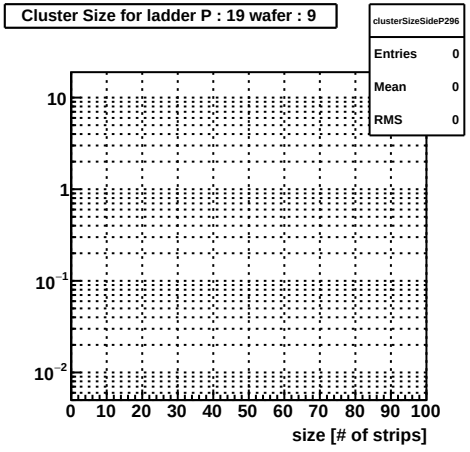

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

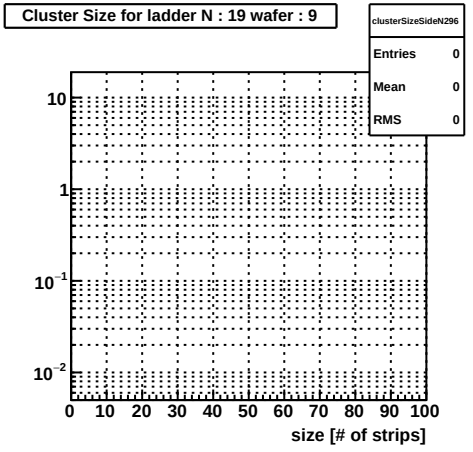

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

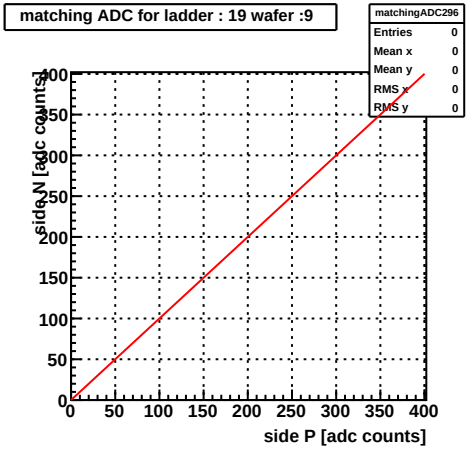

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

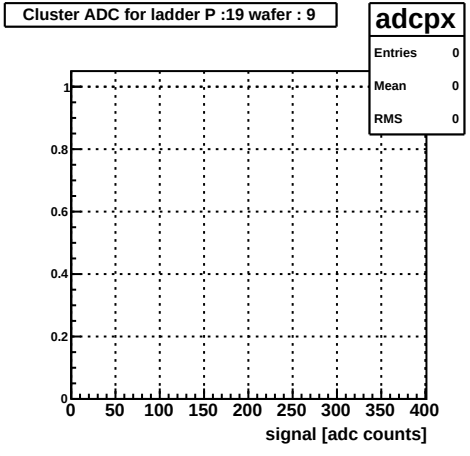

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

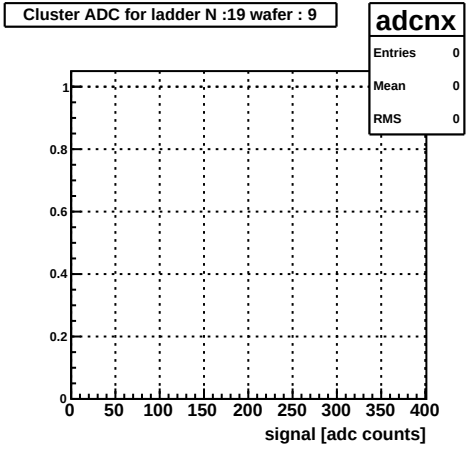

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

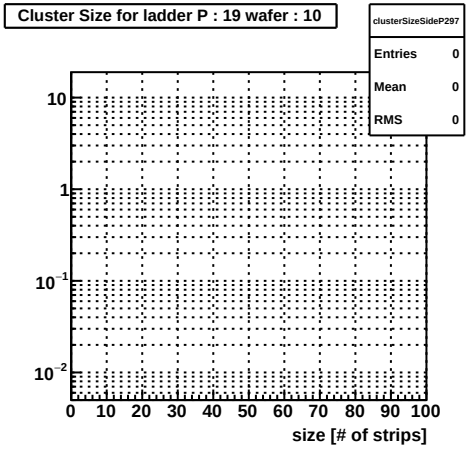

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

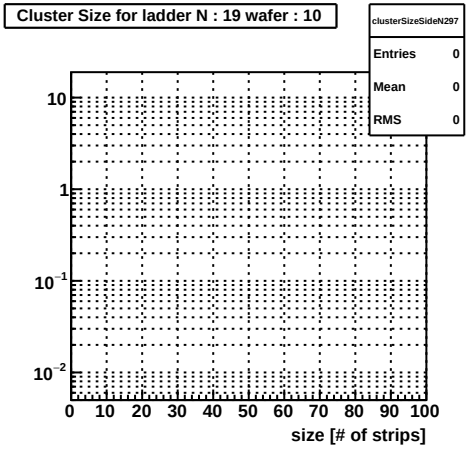

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

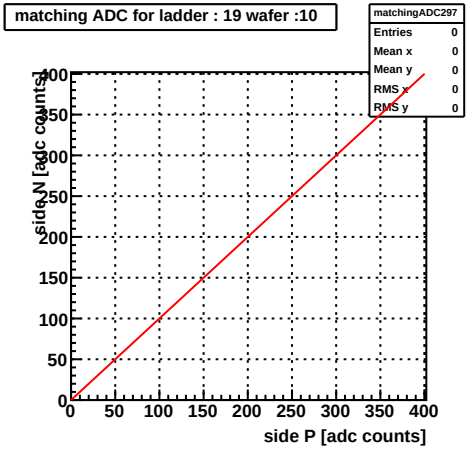

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

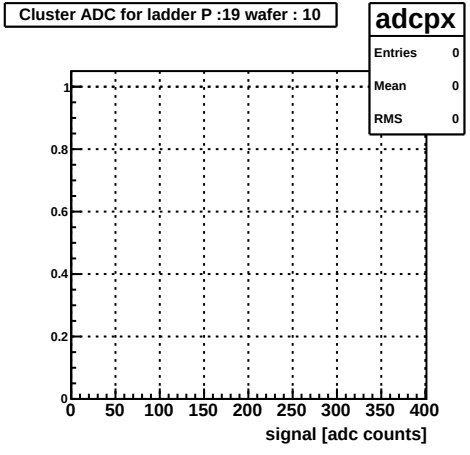

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

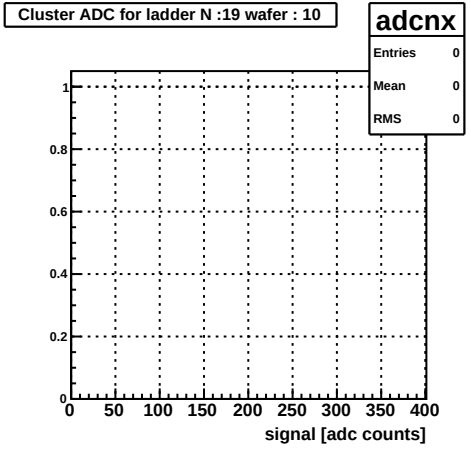

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

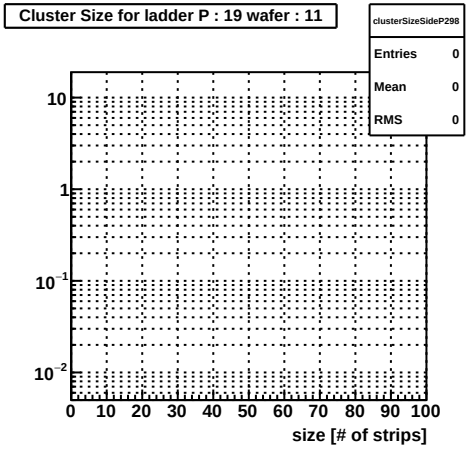

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

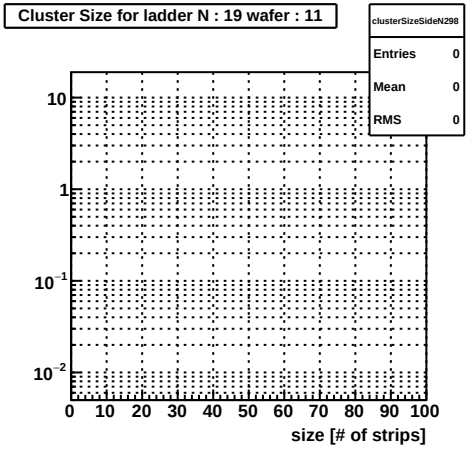

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

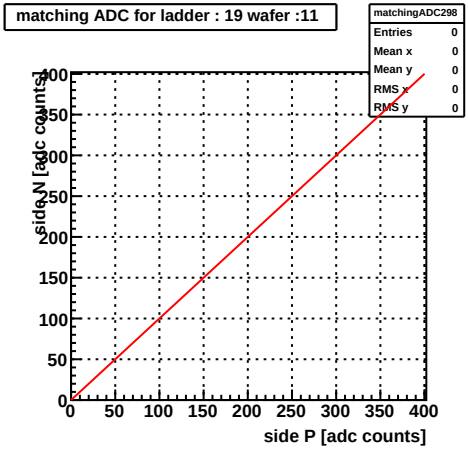

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

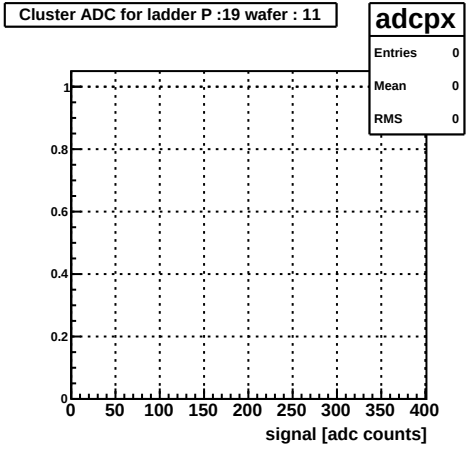

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

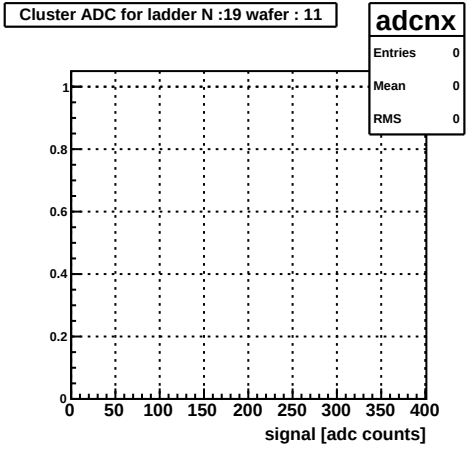

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

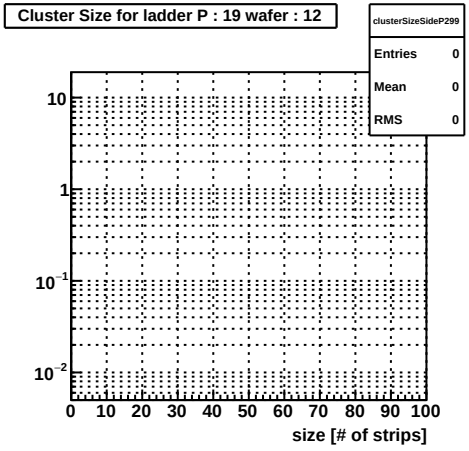

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

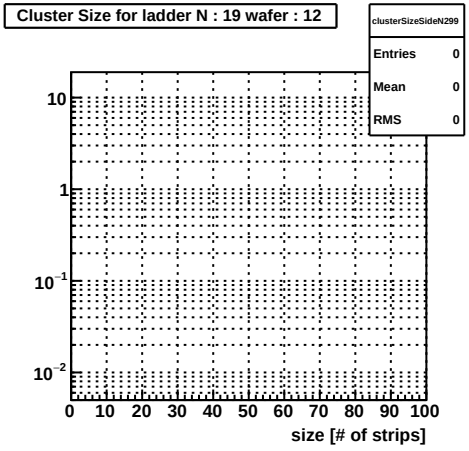

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

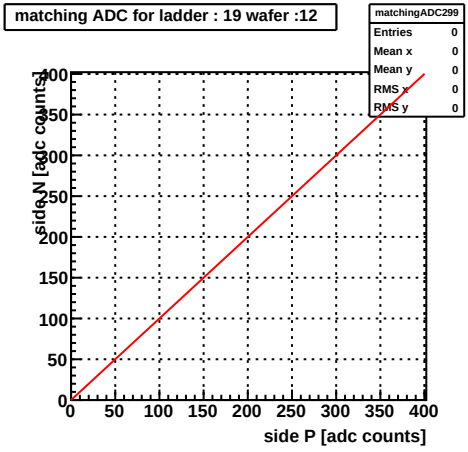

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

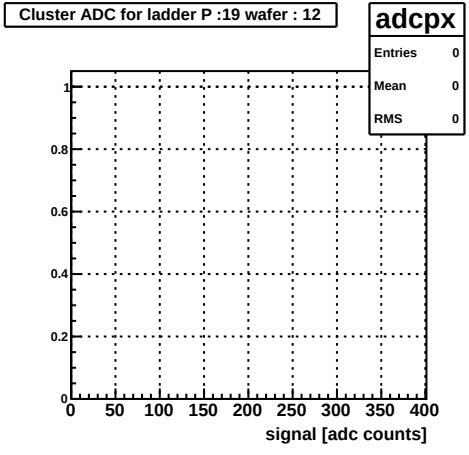

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

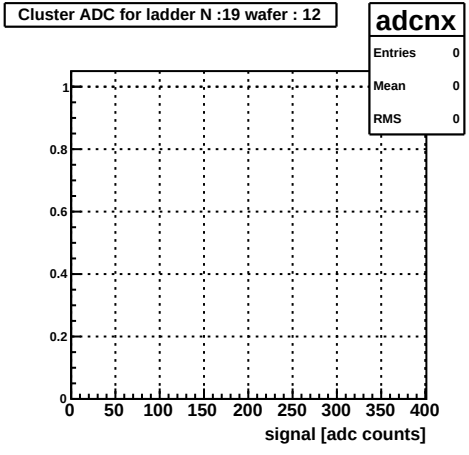

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

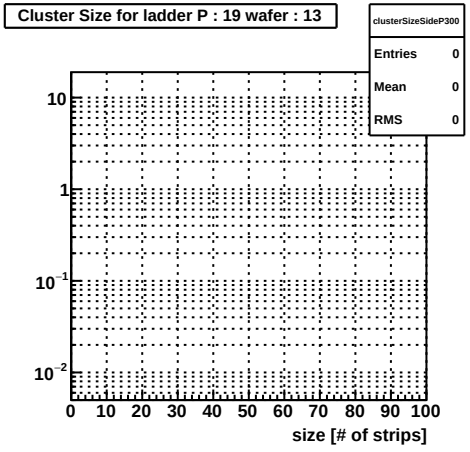

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

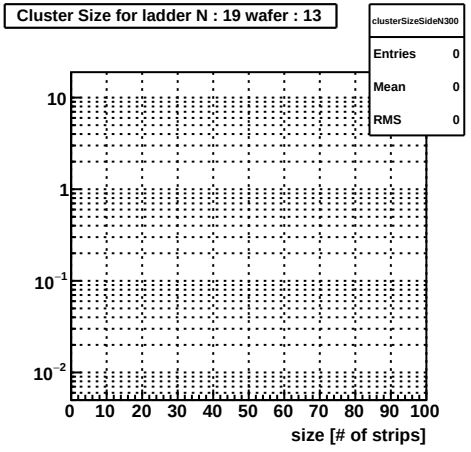

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

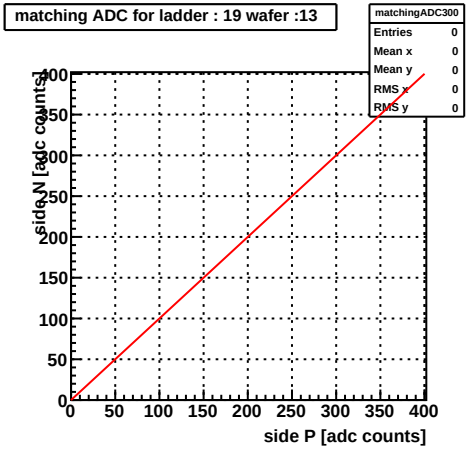

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

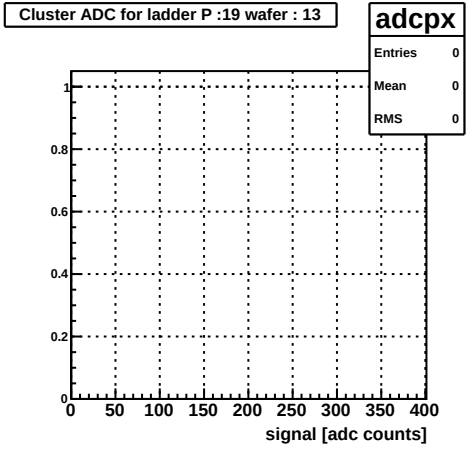

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

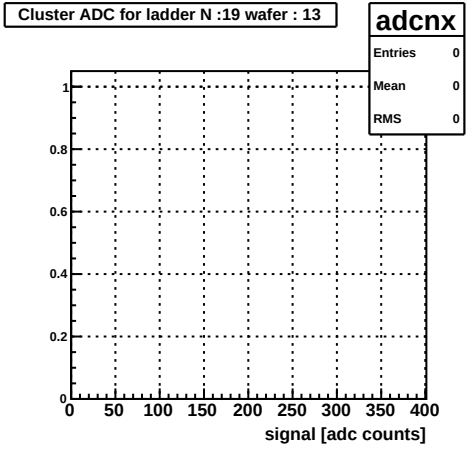

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

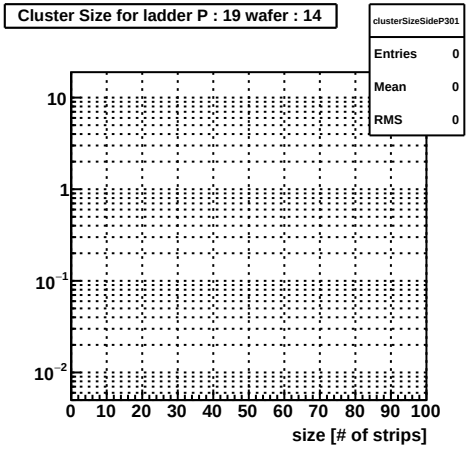

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

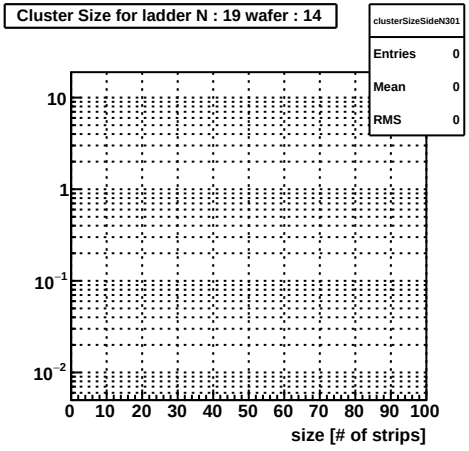

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

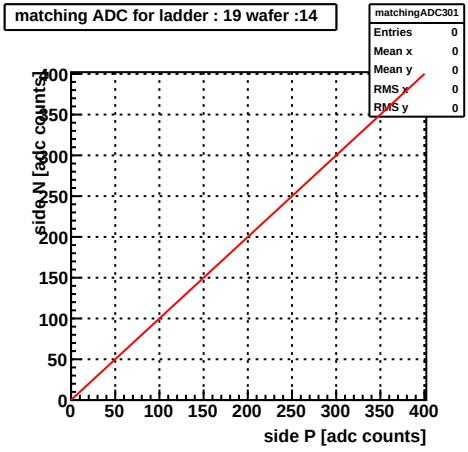

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

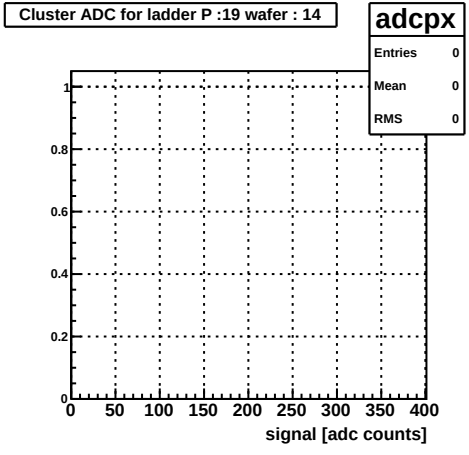

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

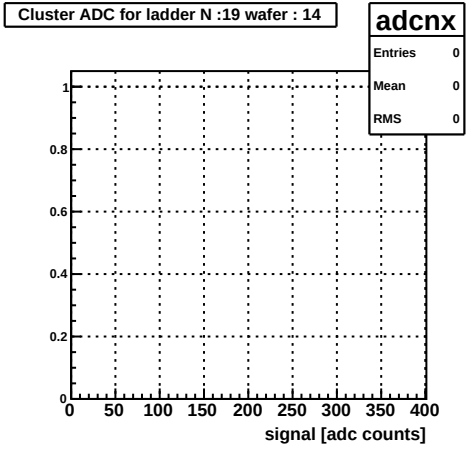

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

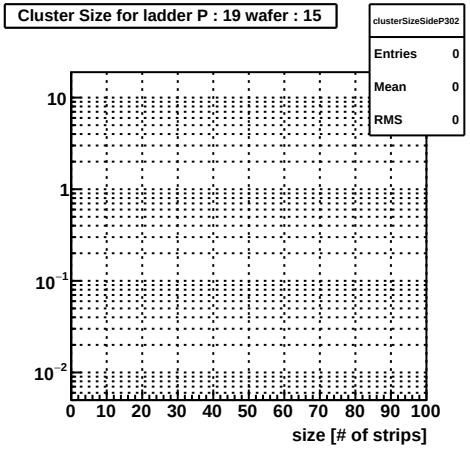

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

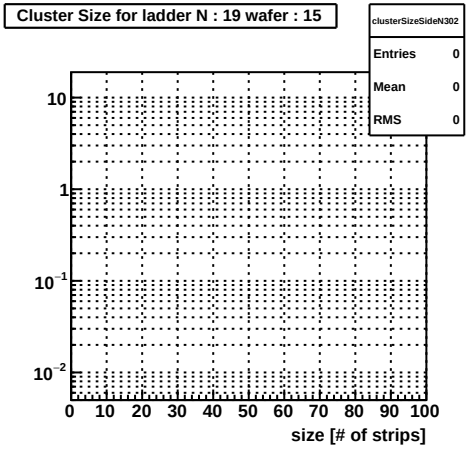

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

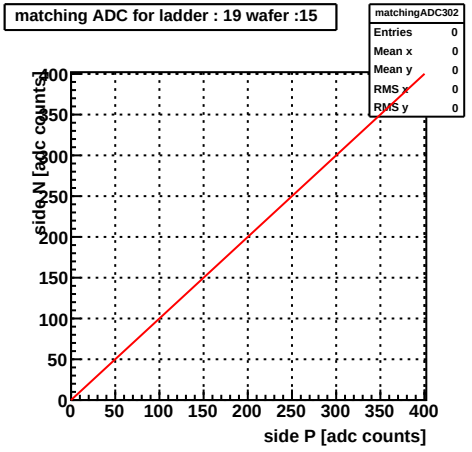

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

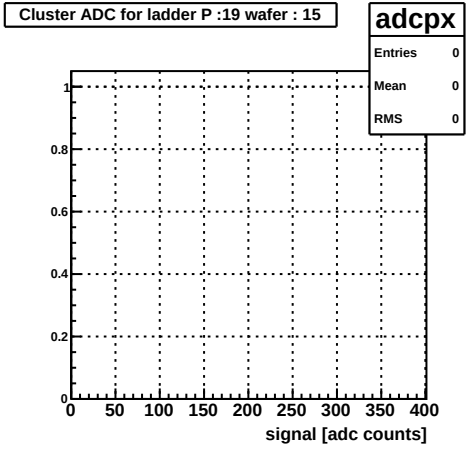

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

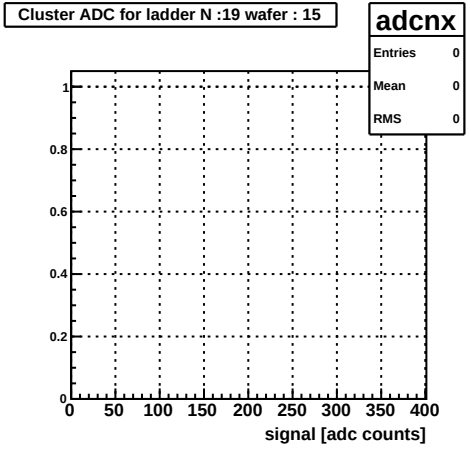

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

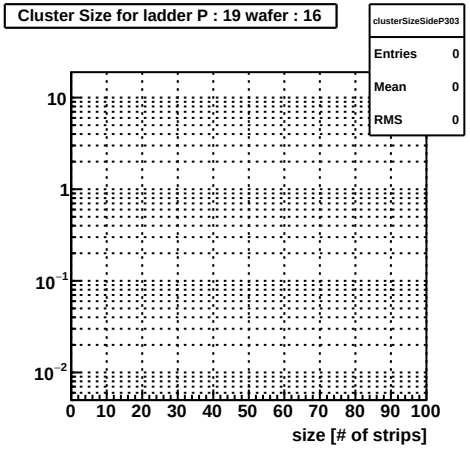

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

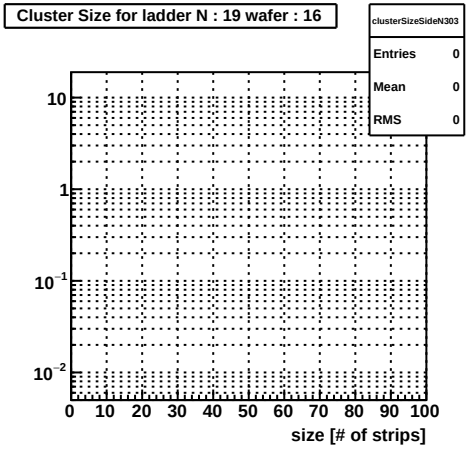

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

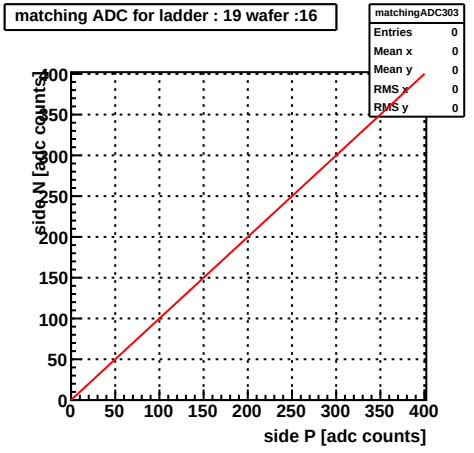

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

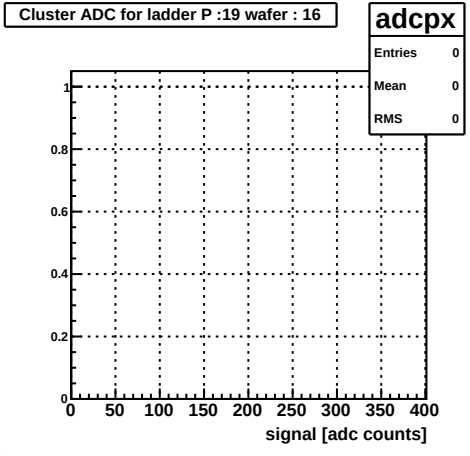

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

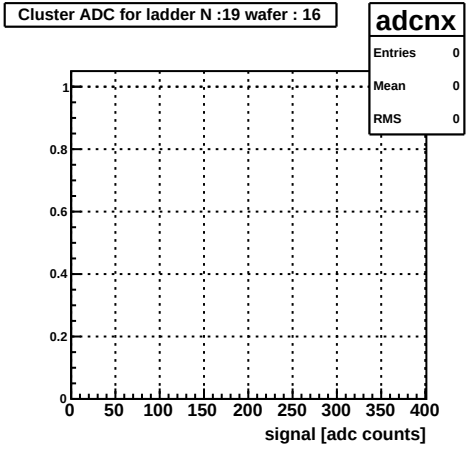

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

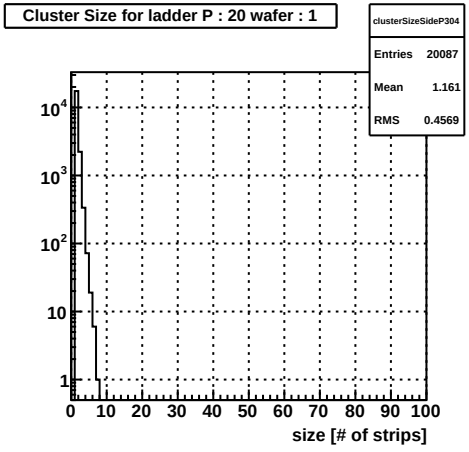

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

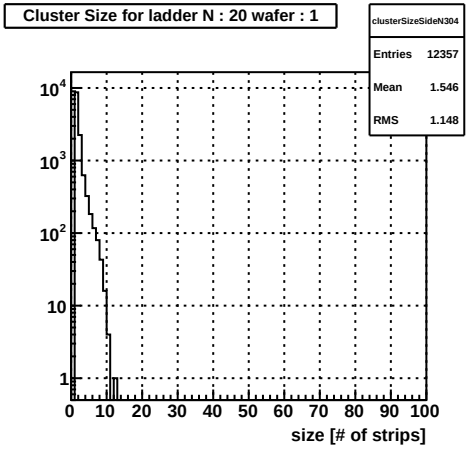

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

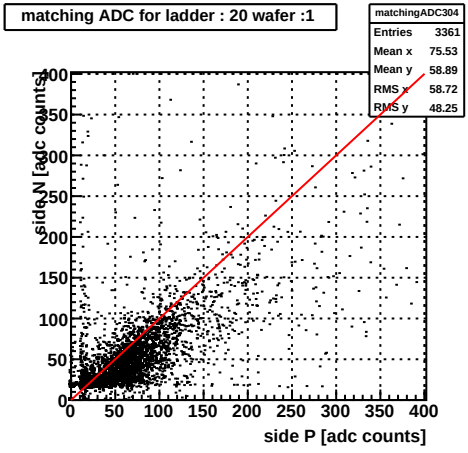

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

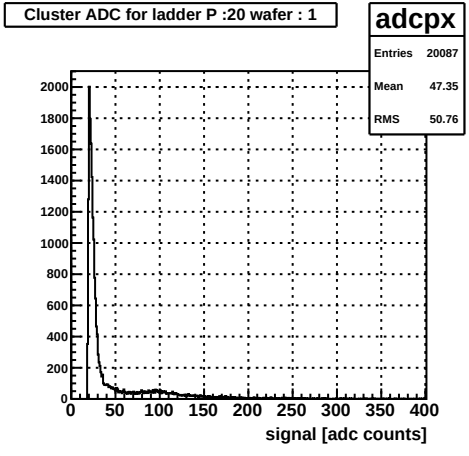

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

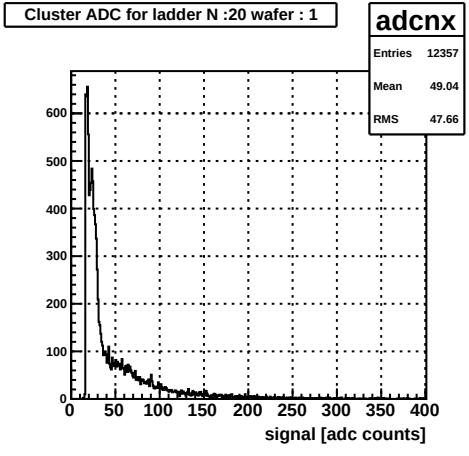

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

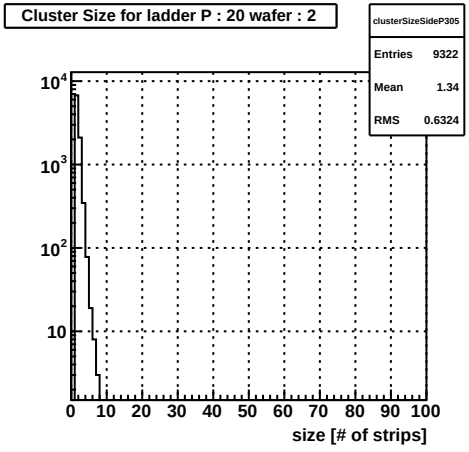

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 20087
Mean 1.161
RMS 0.4569
size [# of strips]

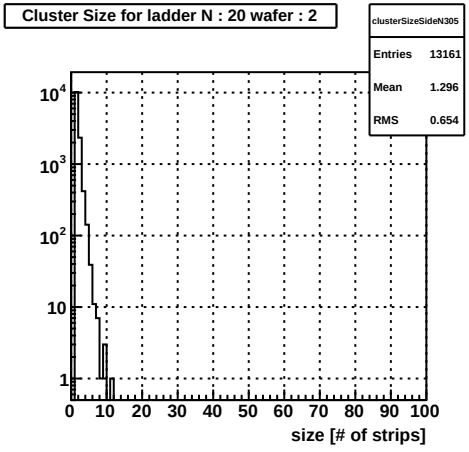

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 12357
Mean 1.546
RMS 1.148
size [# of strips]

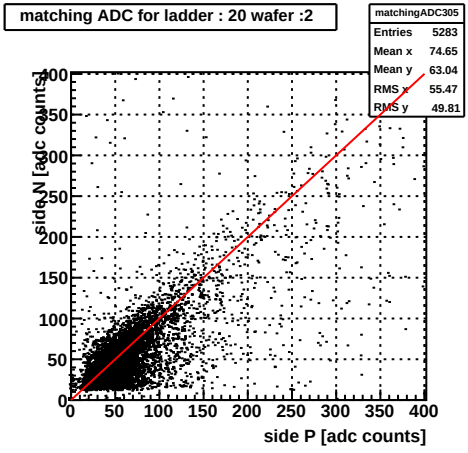

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3361
Mean x 75.53
Mean y 58.89
RMS x 58.72
RMS y 48.25
side N [adc counts]
side P [adc counts]

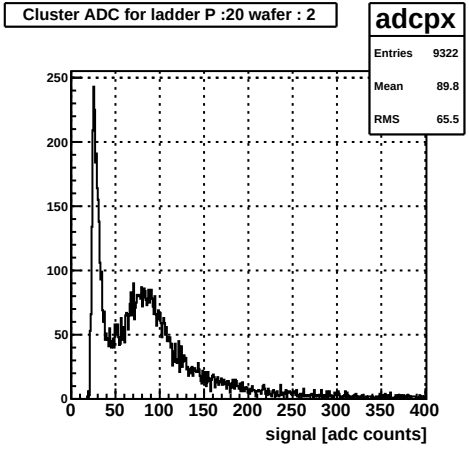

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 20087
Mean 47.35
RMS 50.76
signal [adc counts]

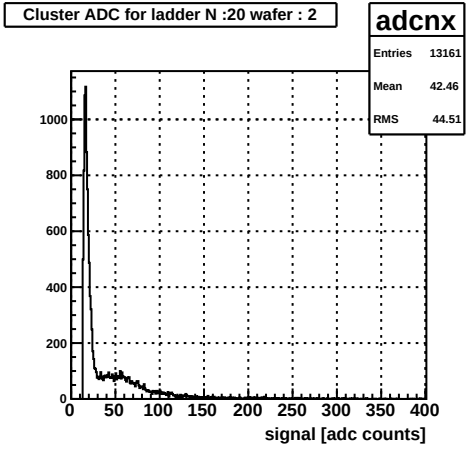

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 12357
Mean 49.04
RMS 47.66
signal [adc counts]

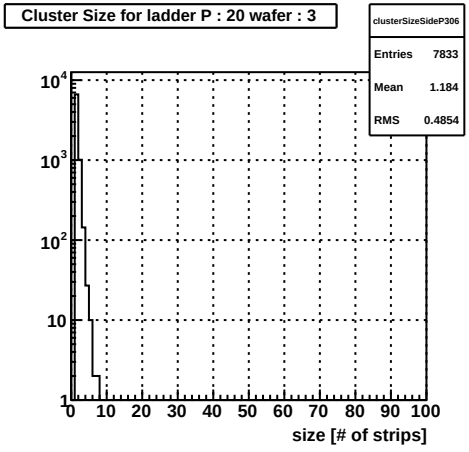

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 9322
Mean 1.34
RMS 0.6324
size [# of strips]

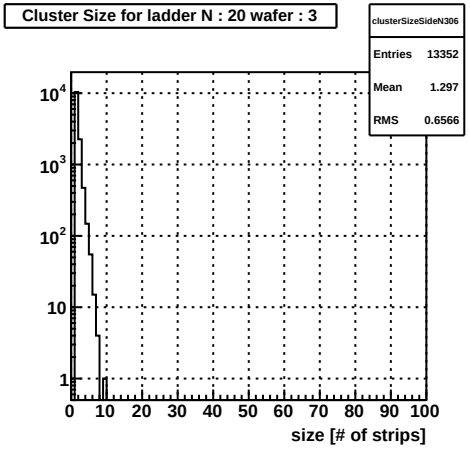

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 13161
Mean 1.296
RMS 0.654
size [# of strips]

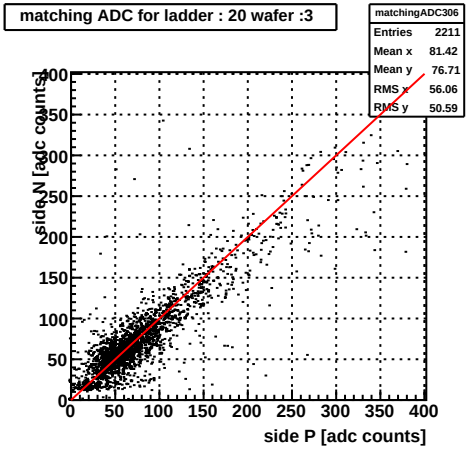

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 5283
Mean x 74.65
Mean y 63.04
RMS x 55.47
RMS y 49.81
side N [adc counts]
side P [adc counts]

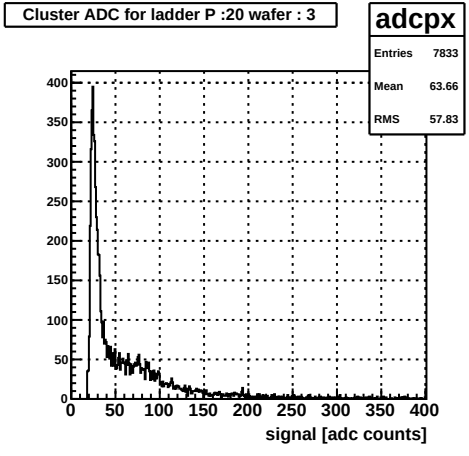

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 9322
Mean 89.8
RMS 65.5
signal [adc counts]

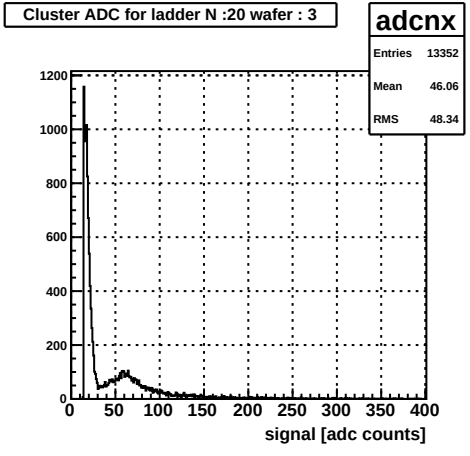

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 13161
Mean 42.46
RMS 44.51
signal [adc counts]

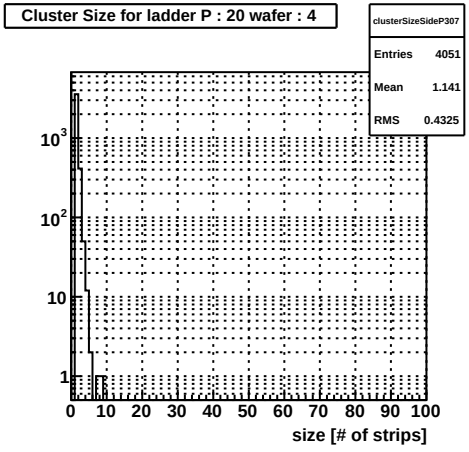

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7833
Mean 1.184
RMS 0.4854
size [# of strips]

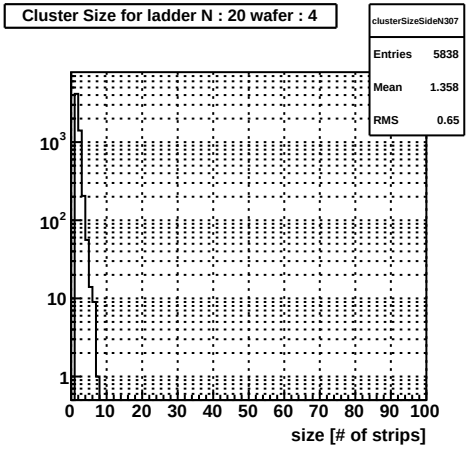

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 13352
Mean 1.297
RMS 0.6566
size [# of strips]

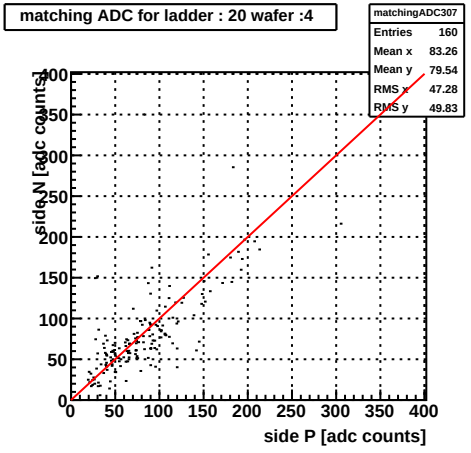

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2211
Mean x 81.42
Mean y 76.71
RMS x 56.06
RMS y 50.59
side N [adc counts]
side P [adc counts]

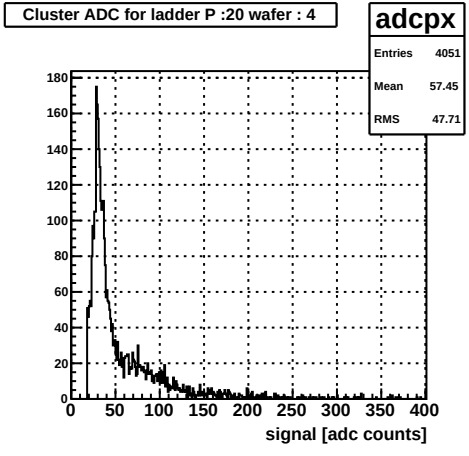

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7833
Mean 63.66
RMS 57.83
signal [adc counts]

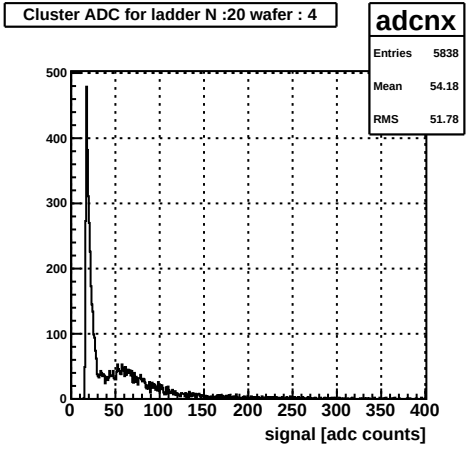

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 13352
Mean 46.06
RMS 48.34
signal [adc counts]

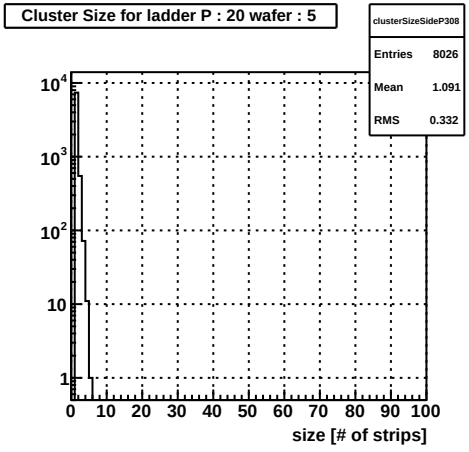

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 4051
Mean 1.141
RMS 0.4325
size [# of strips]

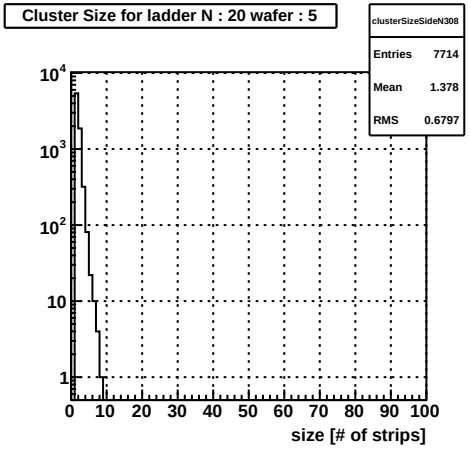

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 5838
Mean 1.358
RMS 0.65
size [# of strips]

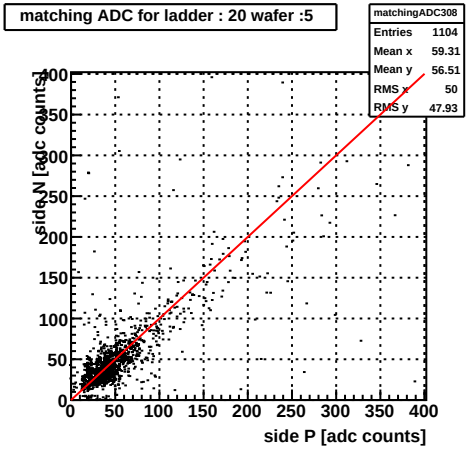

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 160
Mean x 83.26
Mean y 79.54
RMS x 47.28
RMS y 49.83
side N [adc counts]
side P [adc counts]

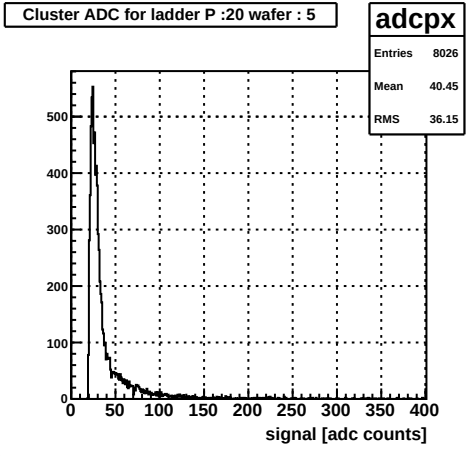

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 4051
Mean 57.45
RMS 47.71
signal [adc counts]

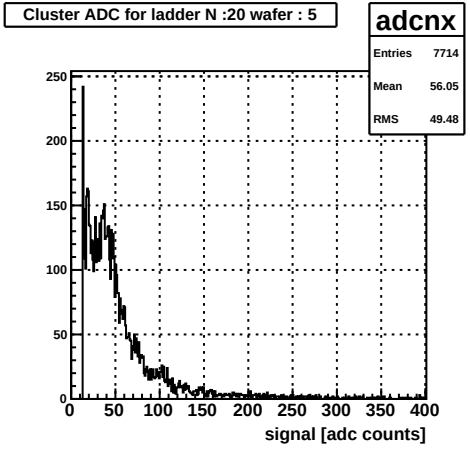

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 5838
Mean 54.18
RMS 51.78
signal [adc counts]

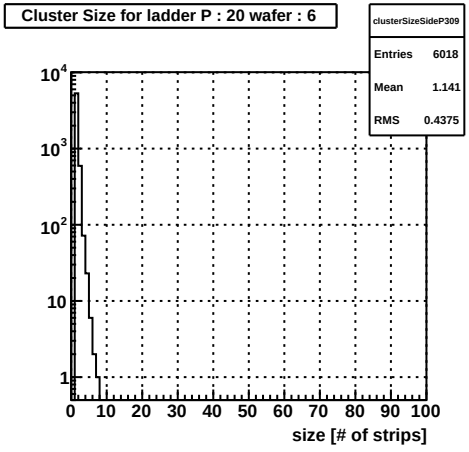

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 8026
Mean 1.091
RMS 0.332
size [# of strips]

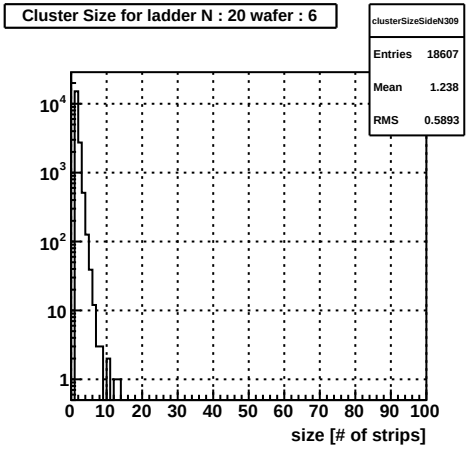

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 7714
Mean 1.378
RMS 0.6797
size [# of strips]

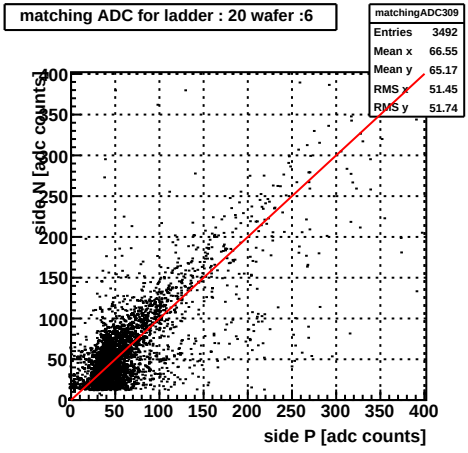

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1104
Mean x 59.31
Mean y 56.51
RMS x 50
RMS y 47.93
side N [adc counts]
side P [adc counts]

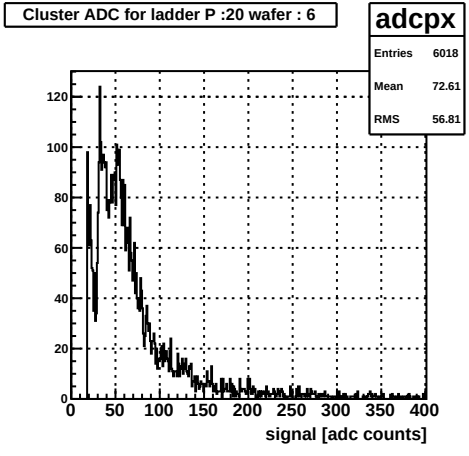

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 8026
Mean 40.45
RMS 36.15
signal [adc counts]

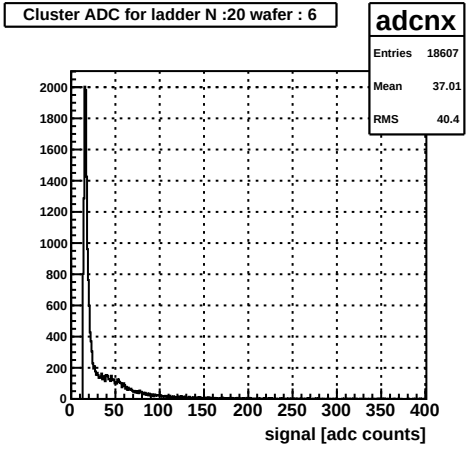

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 7714
Mean 56.05
RMS 49.48
signal [adc counts]

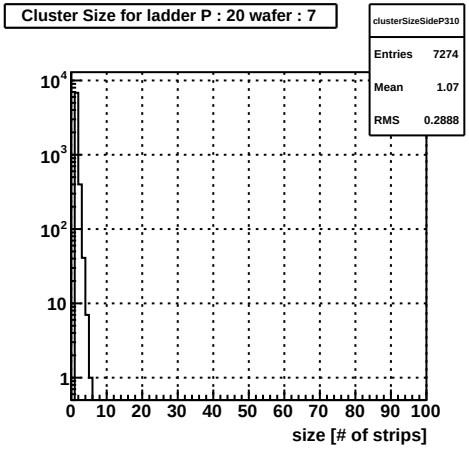

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 6018
Mean 1.141
RMS 0.4375
size [# of strips]

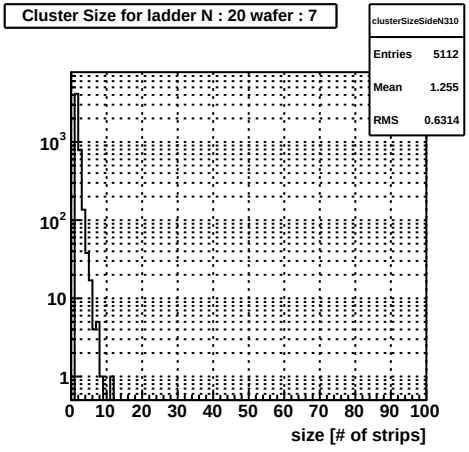

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 18607
Mean 1.238
RMS 0.5893
size [# of strips]

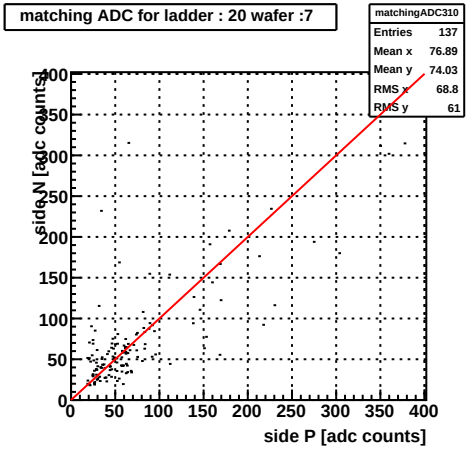

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3492
Mean x 66.55
Mean y 65.17
RMS x 51.45
RMS y 51.74
side N [adc counts]
side P [adc counts]

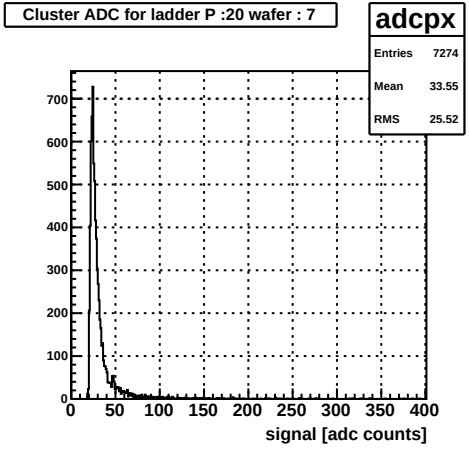

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 6018
Mean 72.61
RMS 56.81
signal [adc counts]

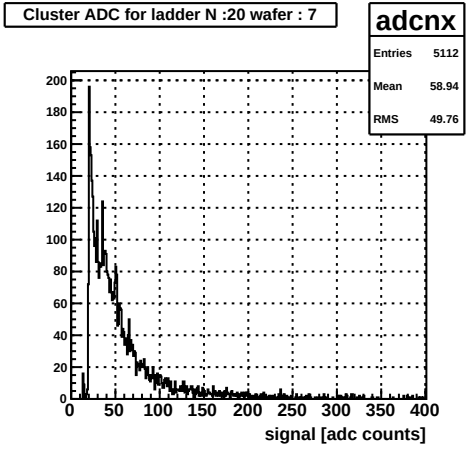

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 18607
Mean 37.01
RMS 40.4
signal [adc counts]

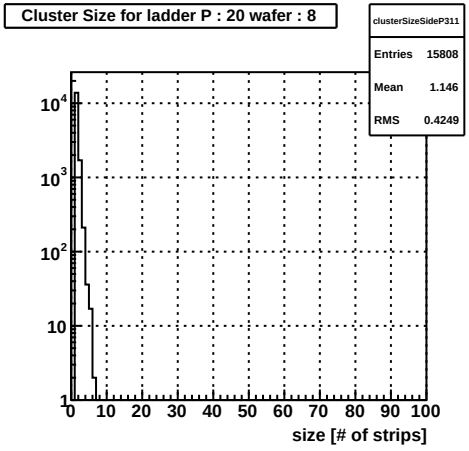

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7274
Mean 1.07
RMS 0.2888
size [# of strips]

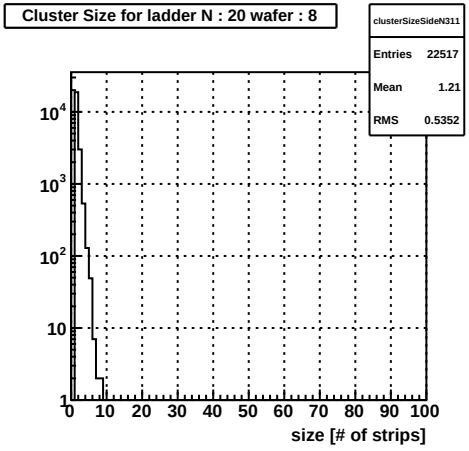

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 5112
Mean 1.255
RMS 0.6314
size [# of strips]

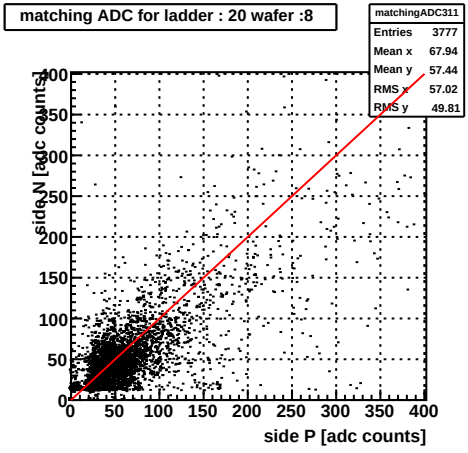

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 137
Mean x 76.89
Mean y 74.03
RMS x 68.8
RMS y 61
side N [adc counts]
side P [adc counts]

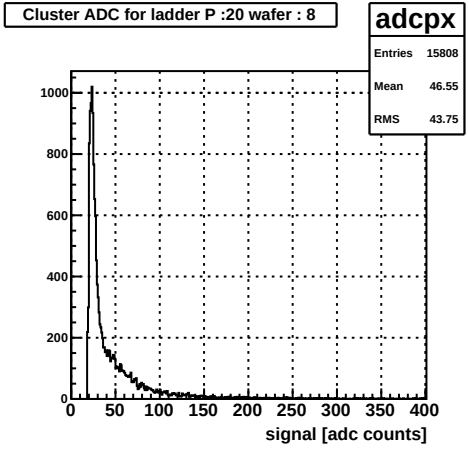

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7274
Mean 33.55
RMS 25.52
signal [adc counts]

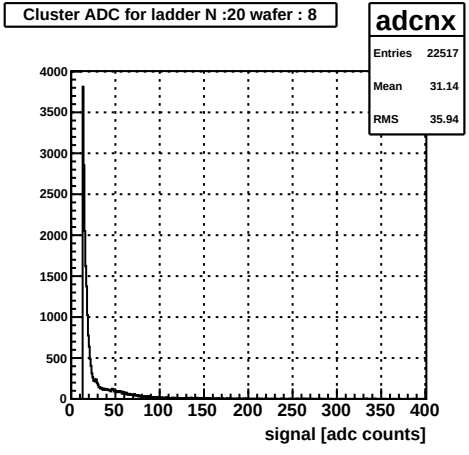

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 5112
Mean 58.94
RMS 49.76
signal [adc counts]

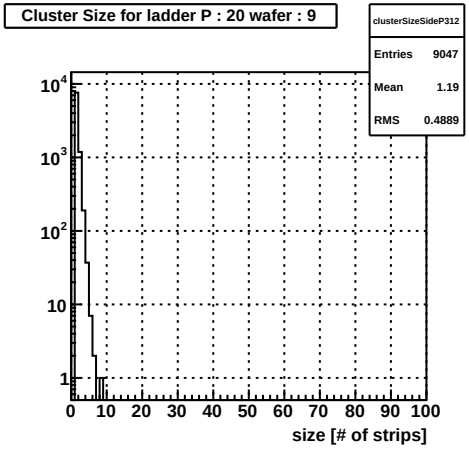

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 15808
Mean 1.146
RMS 0.4249
size [# of strips]

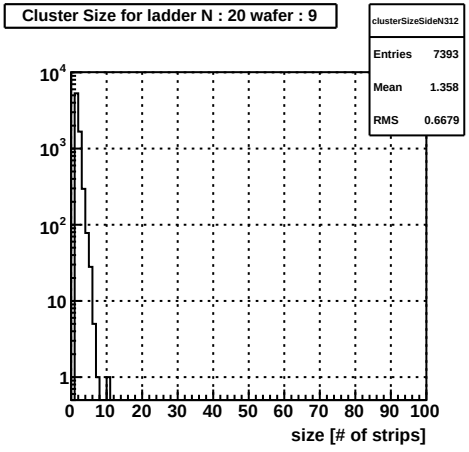

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 22517
Mean 1.21
RMS 0.5352
size [# of strips]

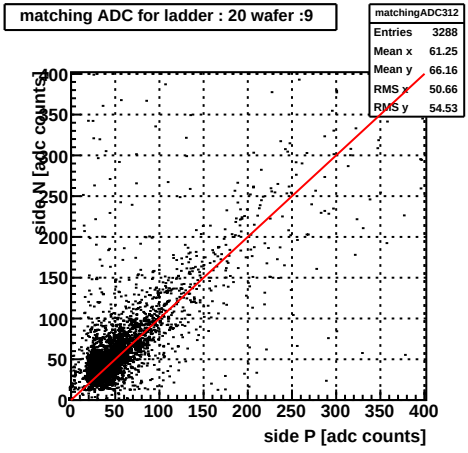

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3777
Mean x 67.94
Mean y 57.44
RMS x 57.02
RMS y 49.81
side N [adc counts]
side P [adc counts]

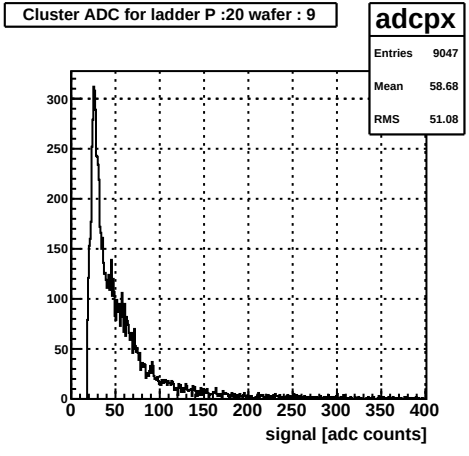

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 15808
Mean 46.55
RMS 43.75
signal [adc counts]

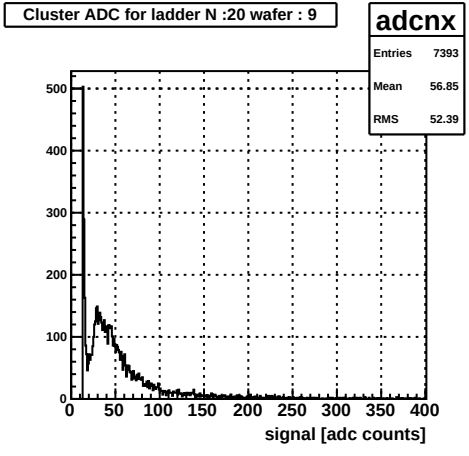

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 22517
Mean 31.14
RMS 35.94
signal [adc counts]

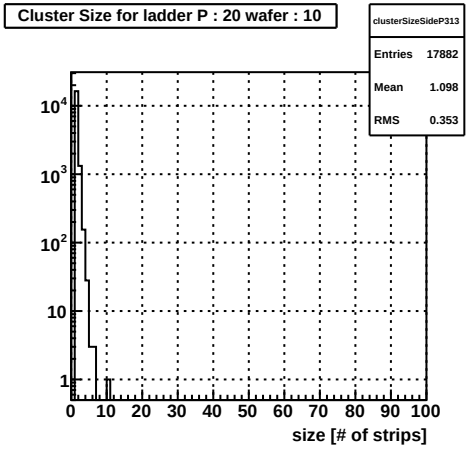

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 9047
Mean 1.19
RMS 0.4889
size [# of strips]

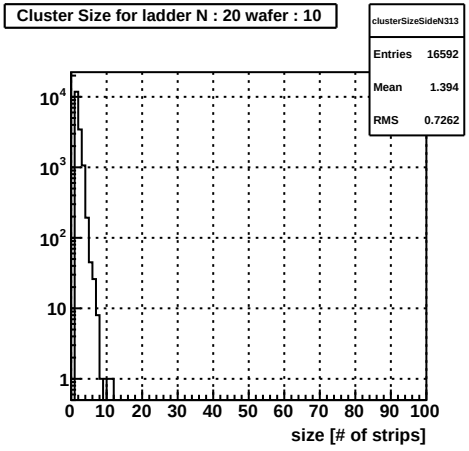

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 7393
Mean 1.358
RMS 0.6679
size [# of strips]

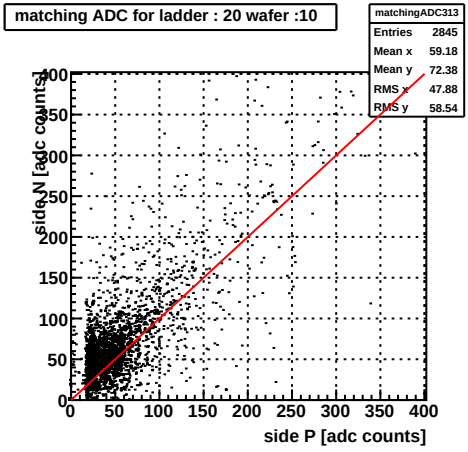

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 3288
Mean x 61.25
Mean y 66.16
RMS x 50.66
RMS y 54.53
side N [adc counts]
side P [adc counts]

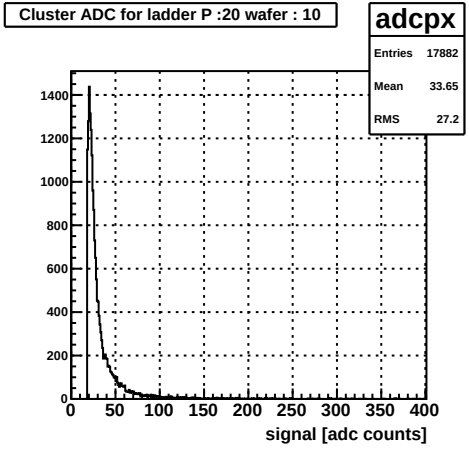

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 9047
Mean 58.68
RMS 51.08
signal [adc counts]

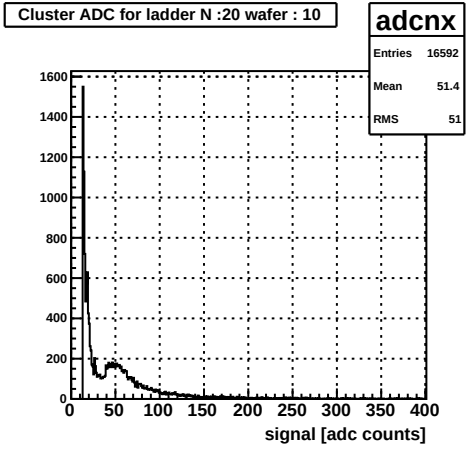

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 7393
Mean 56.85
RMS 52.39
signal [adc counts]

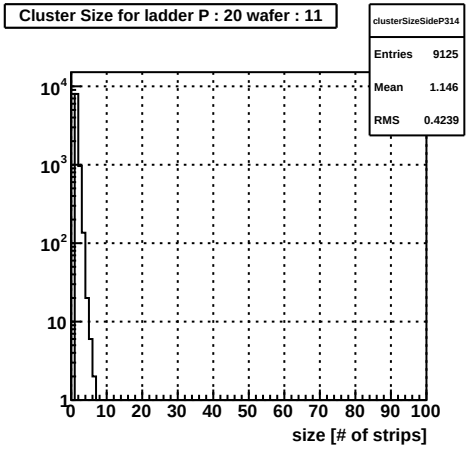

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 17882
Mean 1.098
RMS 0.353
size [# of strips]

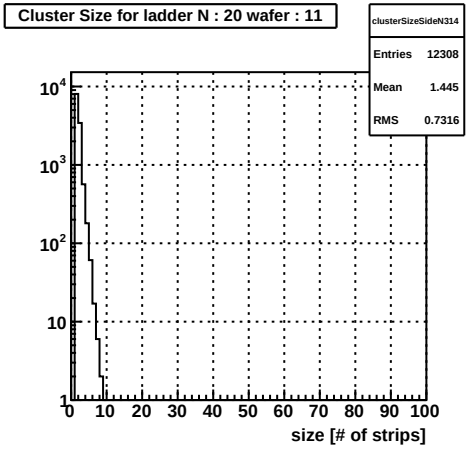

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 16592
Mean 1.394
RMS 0.7262
size [# of strips]

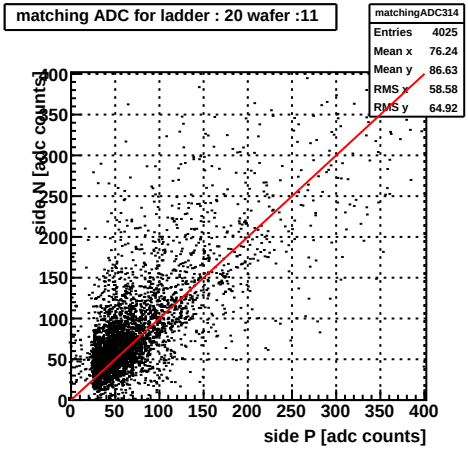

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 2845
Mean x 59.18
Mean y 72.38
RMS x 47.88
RMS y 58.54
side N [adc counts]
side P [adc counts]

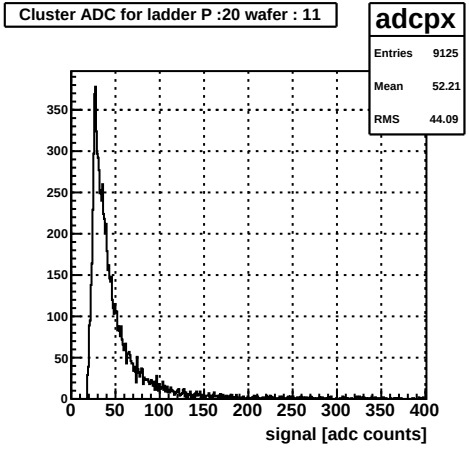

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 17882
Mean 33.65
RMS 27.2
signal [adc counts]

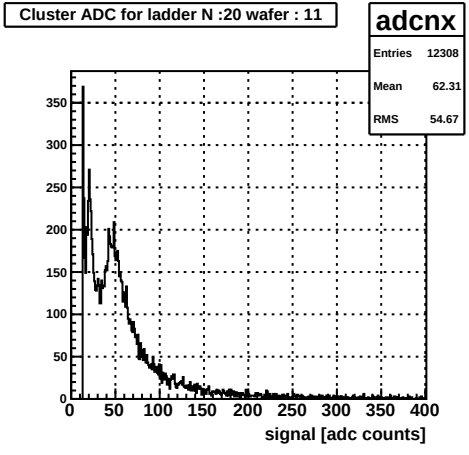

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 16592
Mean 51.4
RMS 51
signal [adc counts]

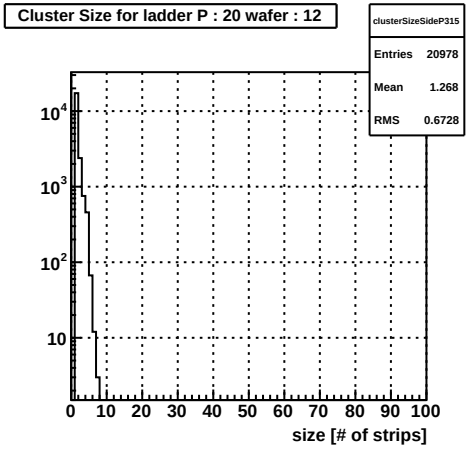

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9125
Mean 1.146
RMS 0.4239
size [# of strips]

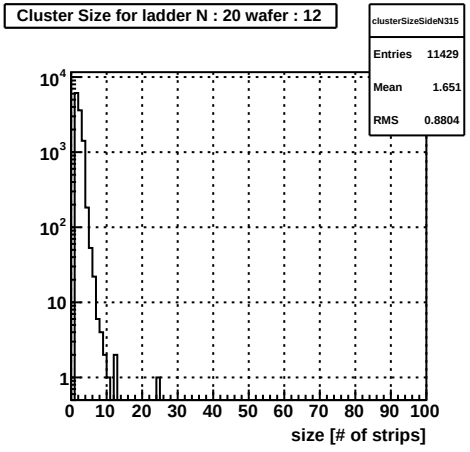

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 12308
Mean 1.445
RMS 0.7316
size [# of strips]

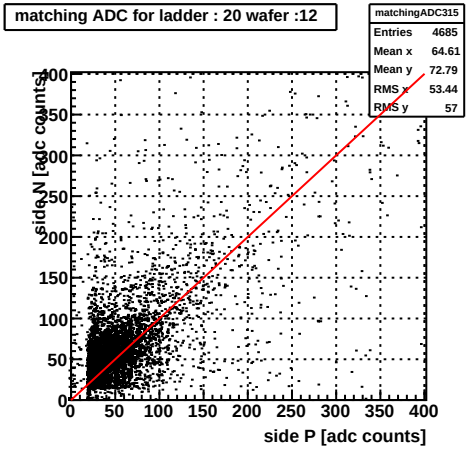

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 4025
Mean x 76.24
Mean y 86.63
RMS x 58.58
RMS y 64.92
side N [adc counts]
side P [adc counts]

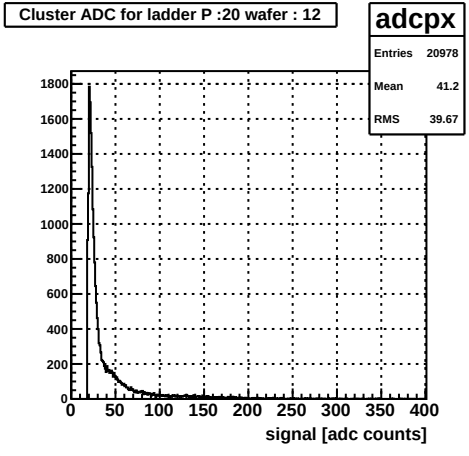

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9125
Mean 52.21
RMS 44.09
signal [adc counts]

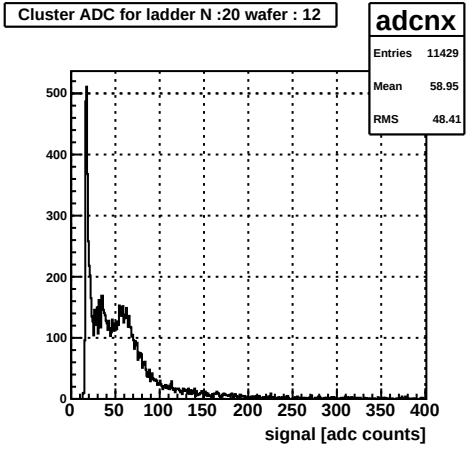

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 12308
Mean 62.31
RMS 54.67
signal [adc counts]

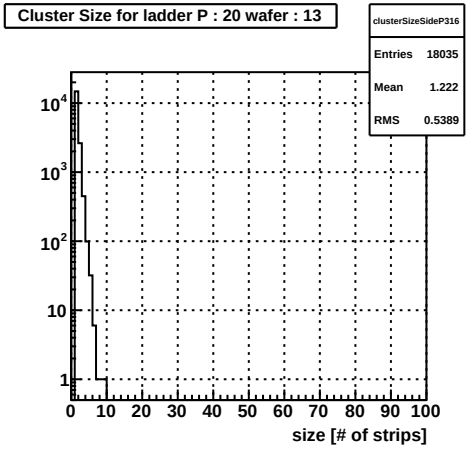

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 20978
Mean 1.268
RMS 0.6728
size [# of strips]

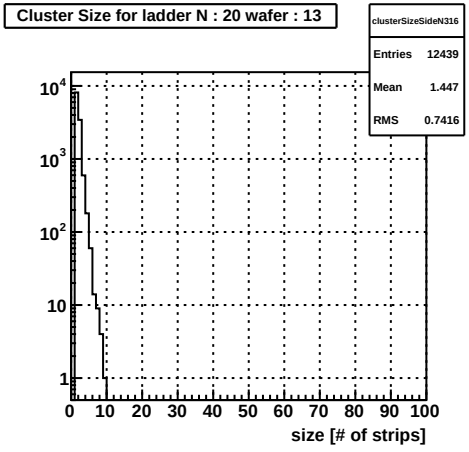

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 11429
Mean 1.651
RMS 0.8804
size [# of strips]

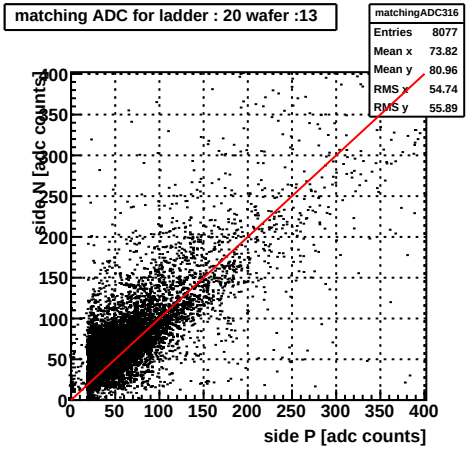

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 4685
Mean x 64.61
Mean y 72.79
RMS x 53.44
RMS y 57
side N [adc counts]
side P [adc counts]

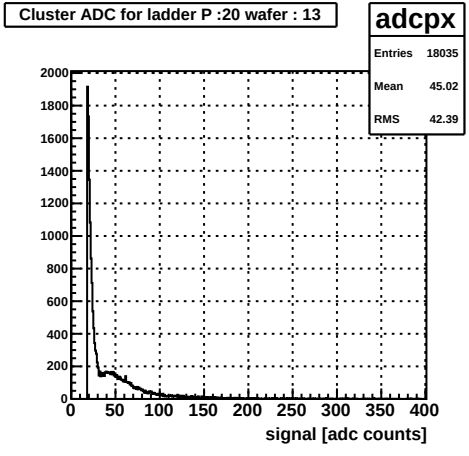

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 20978
Mean 41.2
RMS 39.67
signal [adc counts]

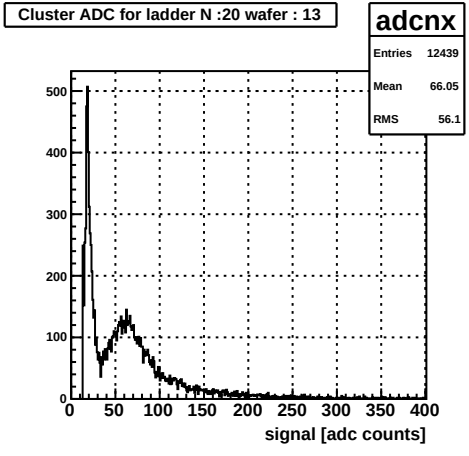

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 11429
Mean 58.95
RMS 48.41
signal [adc counts]

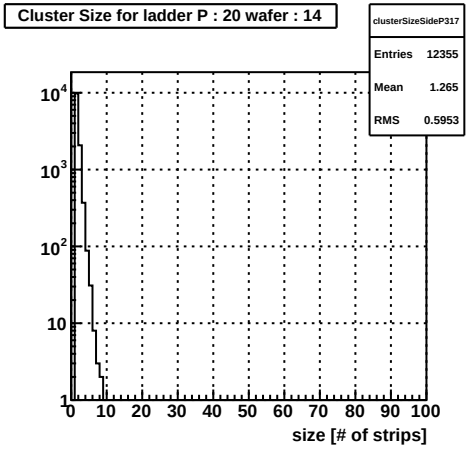

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 18035
Mean 1.222
RMS 0.5389
size [# of strips]

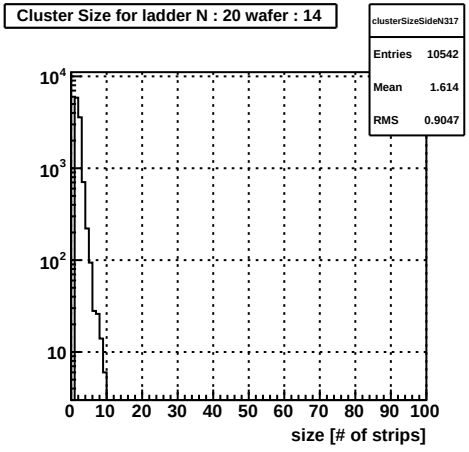

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 12439
Mean 1.447
RMS 0.7416
size [# of strips]

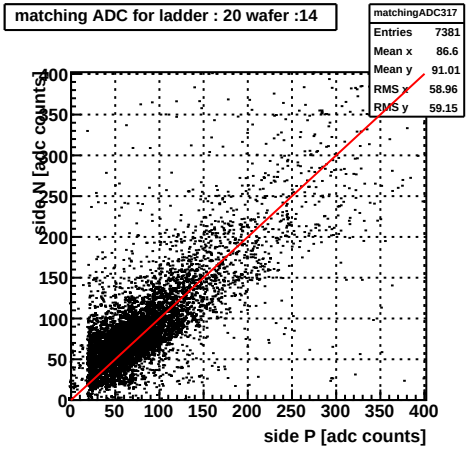

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 8077
Mean x 73.82
Mean y 80.96
RMS x 54.74
RMS y 55.89
side N [adc counts]
side P [adc counts]

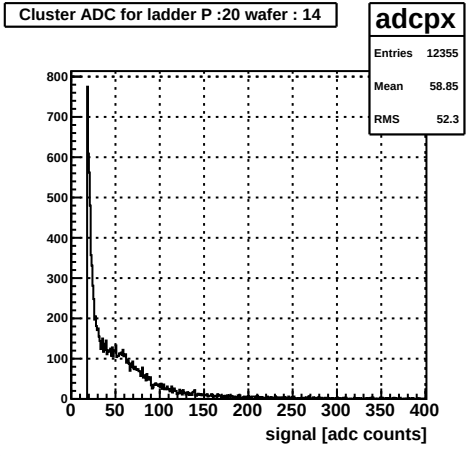

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 18035
Mean 45.02
RMS 42.39
signal [adc counts]

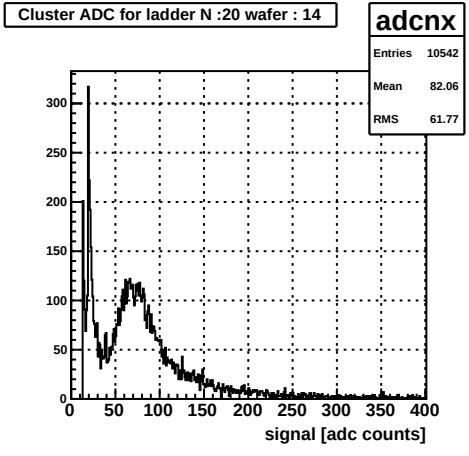

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 12439
Mean 66.05
RMS 56.1
signal [adc counts]

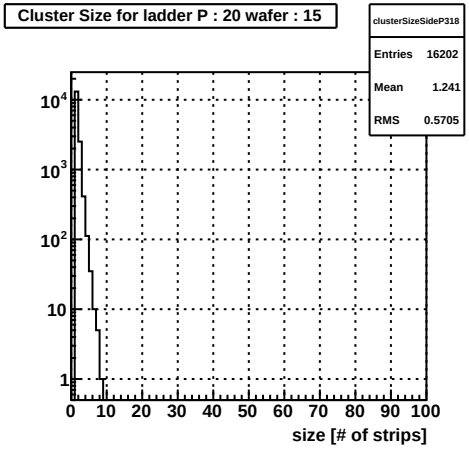

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 12355
Mean 1.265
RMS 0.5953
size [# of strips]

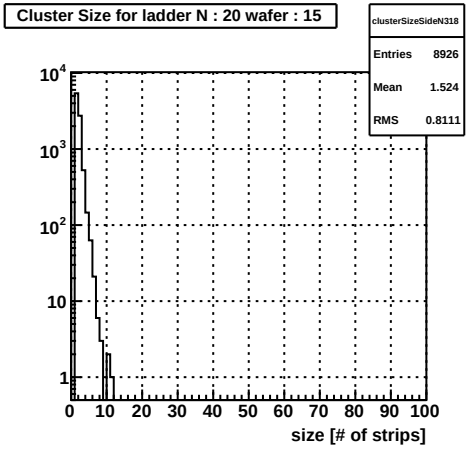

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 10542
Mean 1.614
RMS 0.9047
size [# of strips]

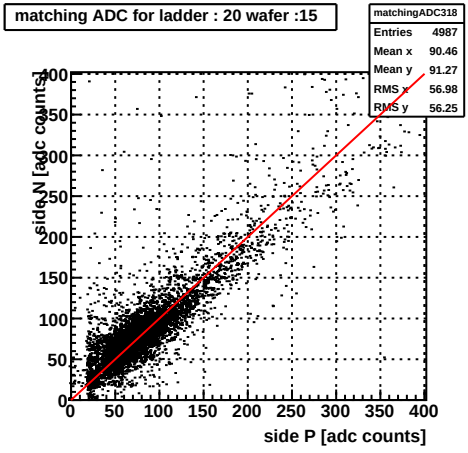

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 7381
Mean x 86.6
Mean y 91.01
RMS x 58.96
RMS y 59.15
side N [adc counts]
side P [adc counts]

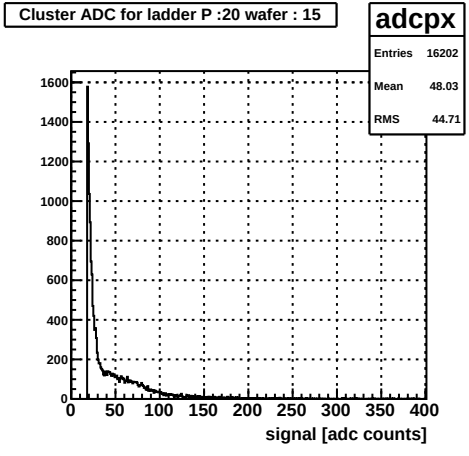

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 12355
Mean 58.85
RMS 52.3
signal [adc counts]

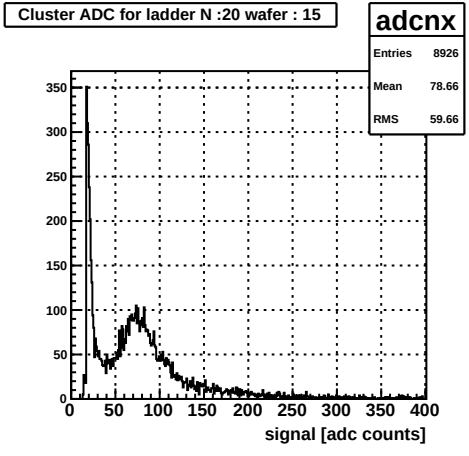

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 10542
Mean 82.06
RMS 61.77
signal [adc counts]

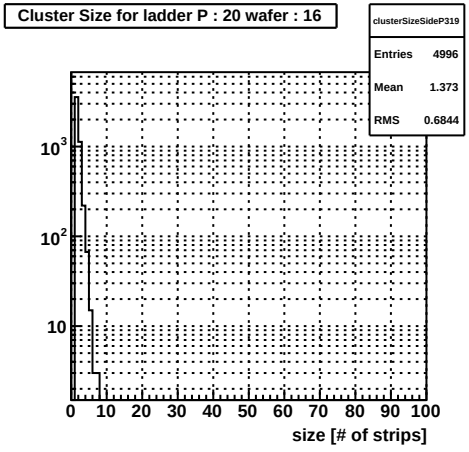

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 16202
Mean 1.241
RMS 0.5705
size [# of strips]

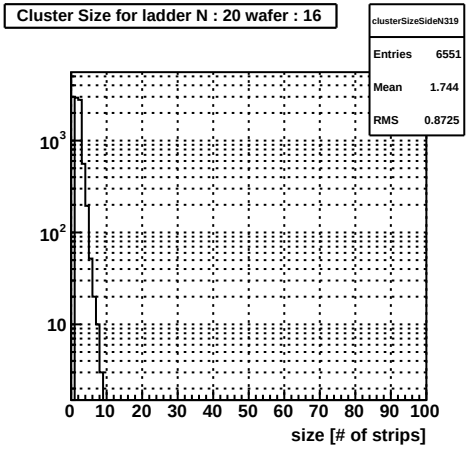

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 8926
Mean 1.524
RMS 0.8111
size [# of strips]

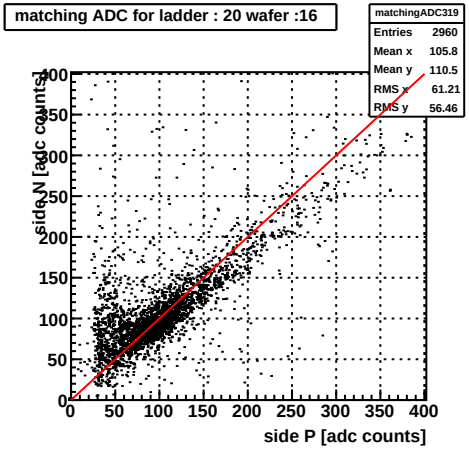

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 4987
Mean x 90.46
Mean y 91.27
RMS x 56.98
RMS y 56.25
side N [adc counts]
side P [adc counts]

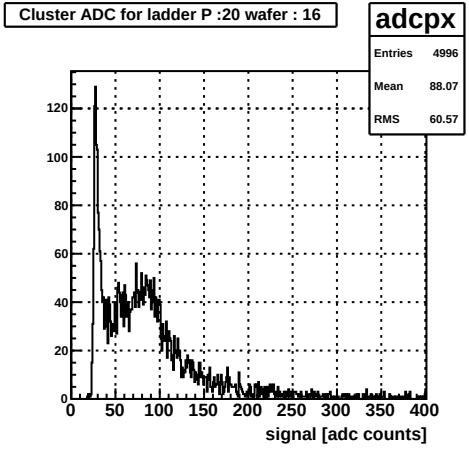

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 16202
Mean 48.03
RMS 44.71
signal [adc counts]

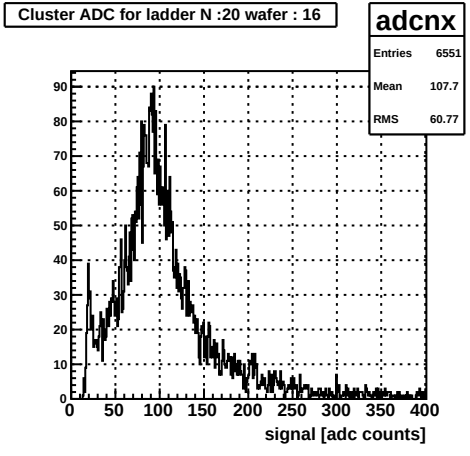

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 8926
Mean 78.66
RMS 59.66
signal [adc counts]

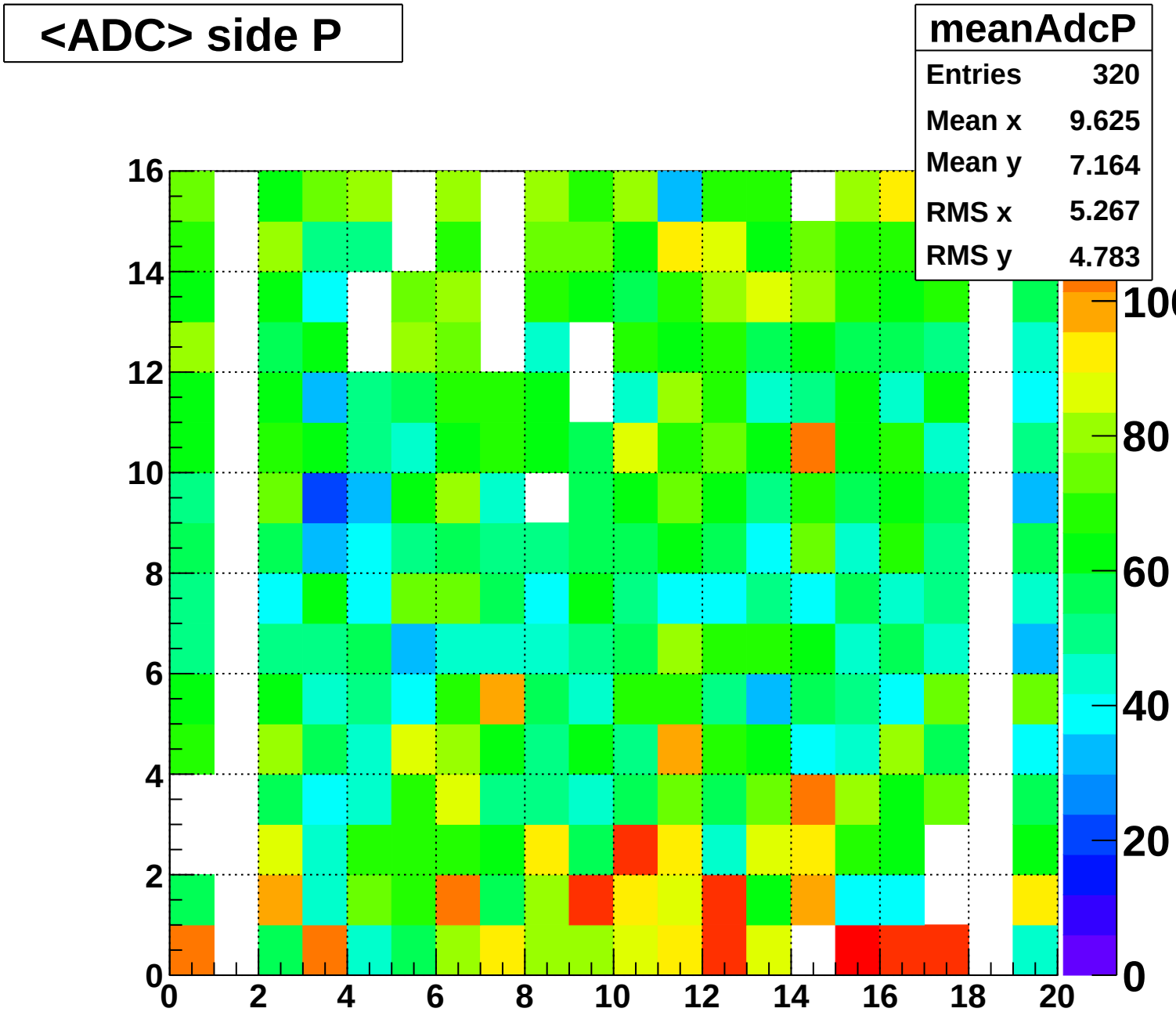

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4996
Mean 1.373
RMS 0.6844
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 6551
Mean 1.744
RMS 0.8725
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2960
Mean x 105.8
Mean y 110.5
RMS x 61.21
RMS y 56.46
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4996
Mean 88.07
RMS 60.57
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 6551
Mean 107.7
RMS 60.77
signal [adc counts]



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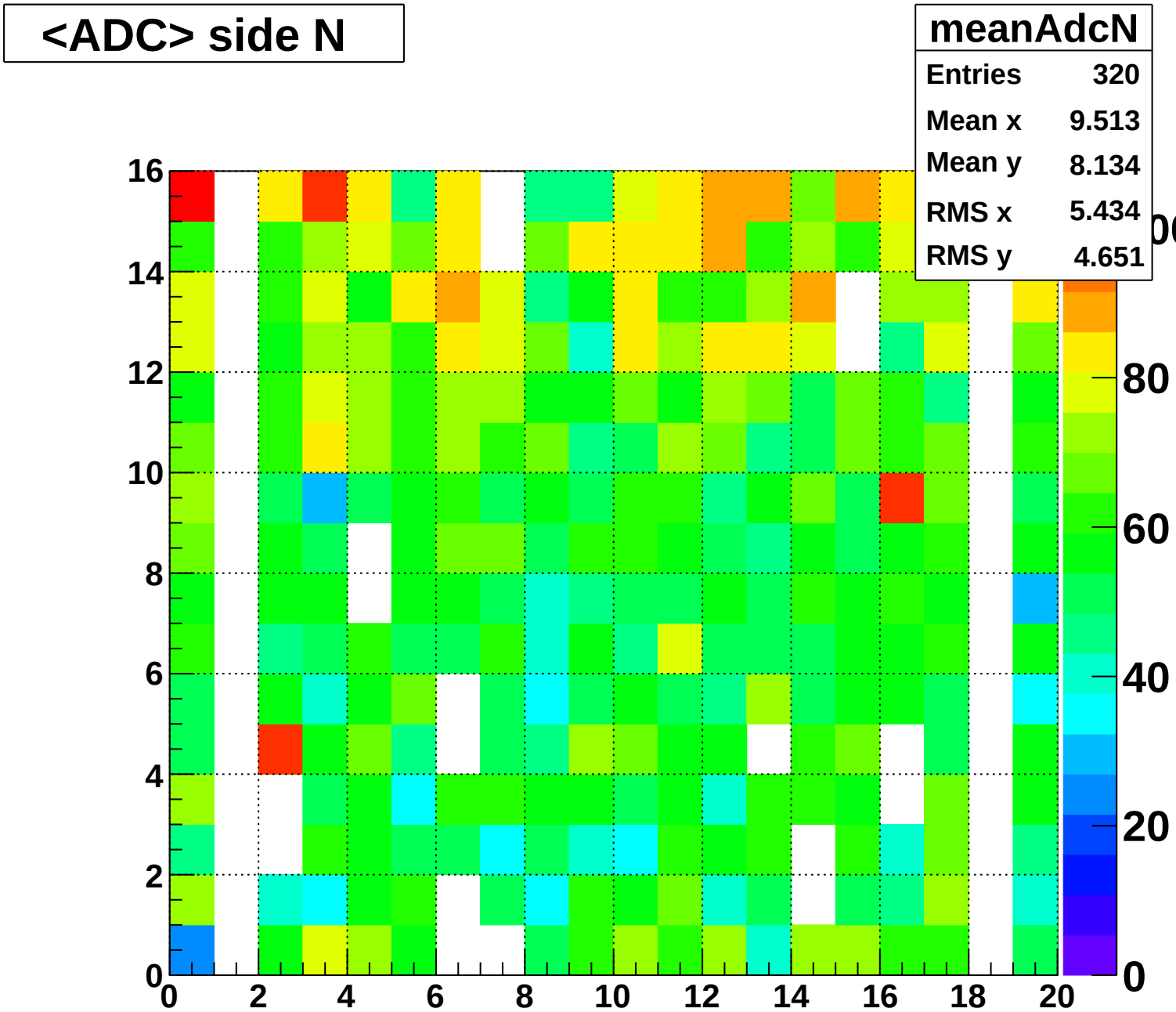

2016-06-25 17:12:07