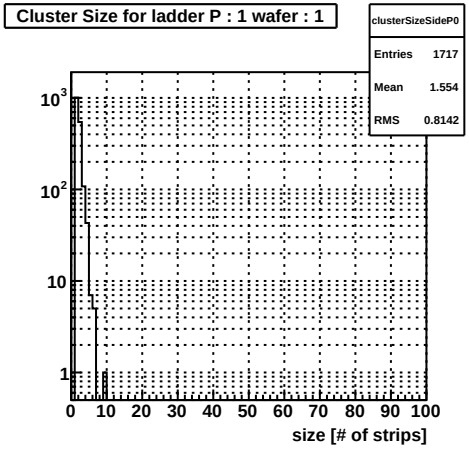
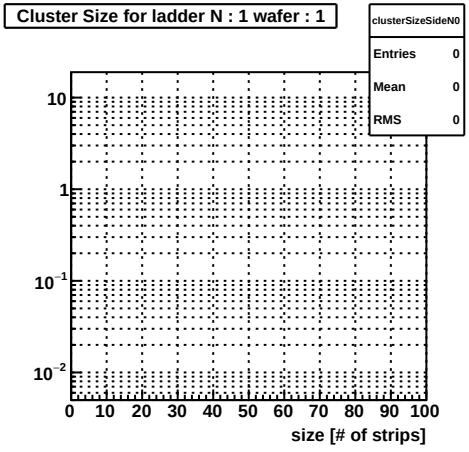
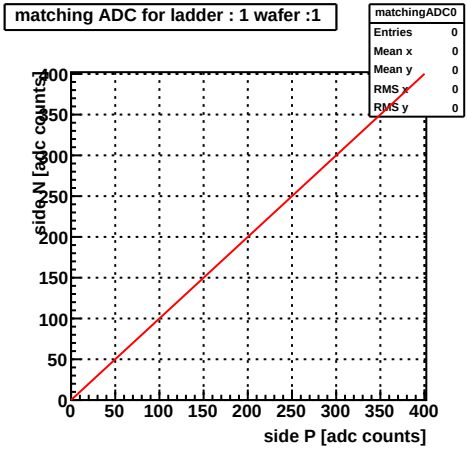
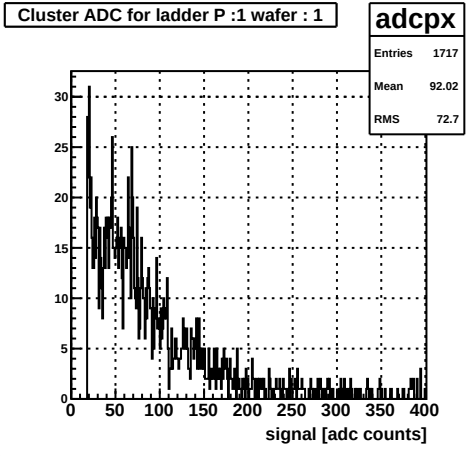
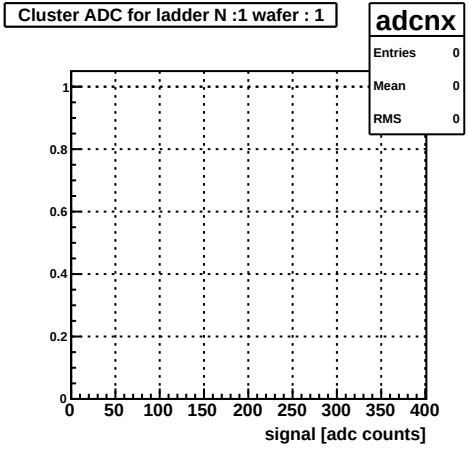
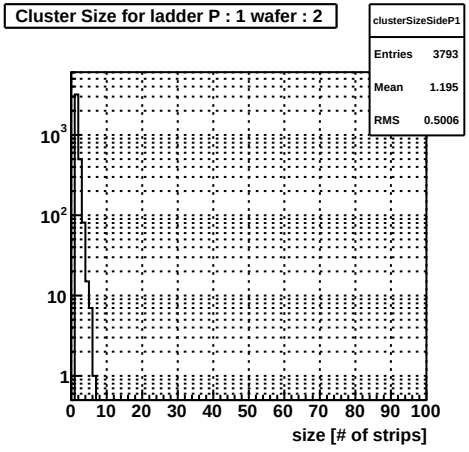

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1717
Mean 1.554
RMS 0.8142
size [# of strips]

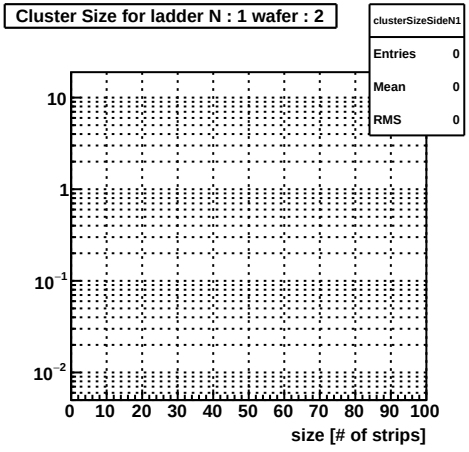

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

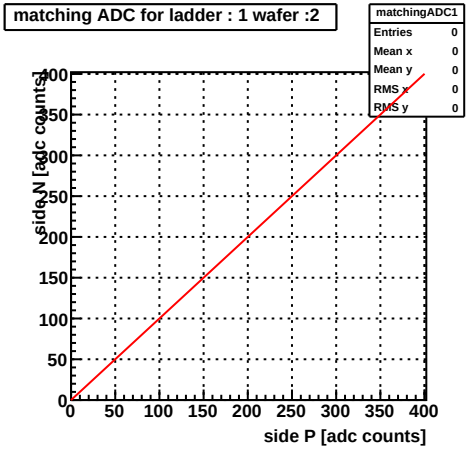

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

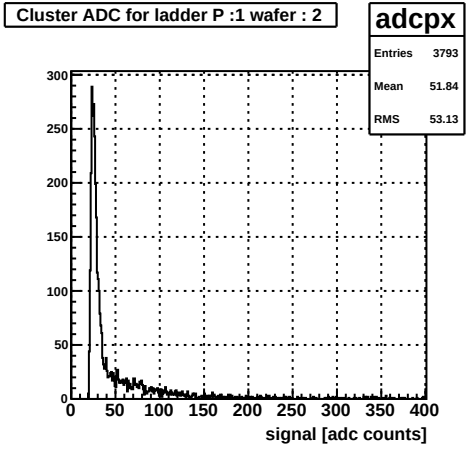

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1717
Mean 92.02
RMS 72.7
signal [adc counts]

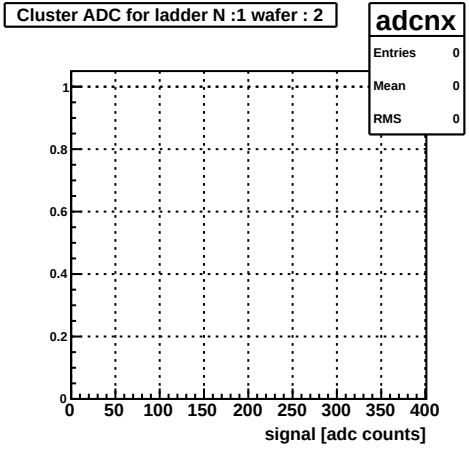

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

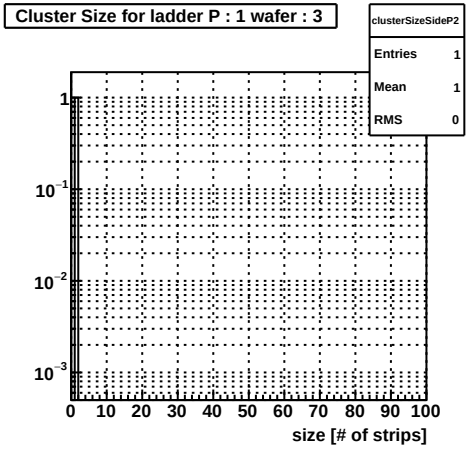

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3793
Mean 1.195
RMS 0.5006
size [# of strips]

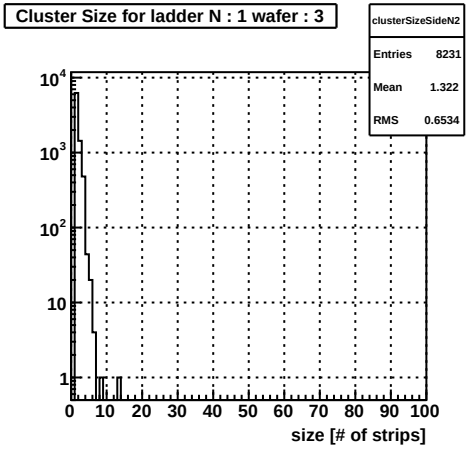

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

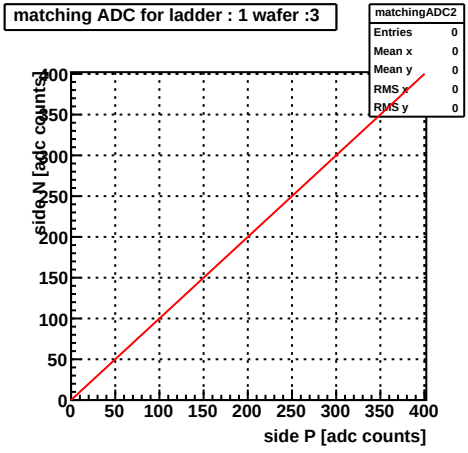

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

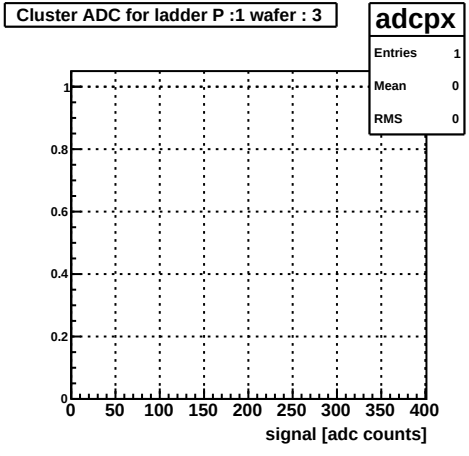

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3793
Mean 51.84
RMS 53.13
signal [adc counts]

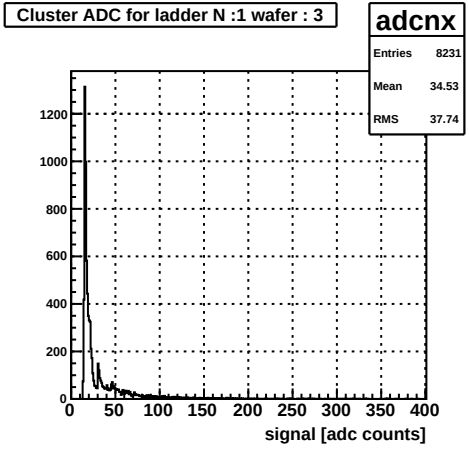

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

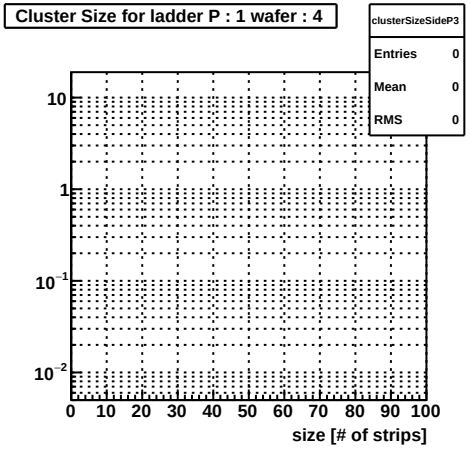

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

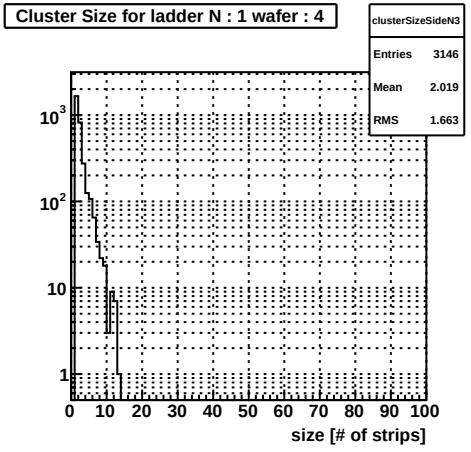

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8231
Mean 1.322
RMS 0.6534
size [# of strips]

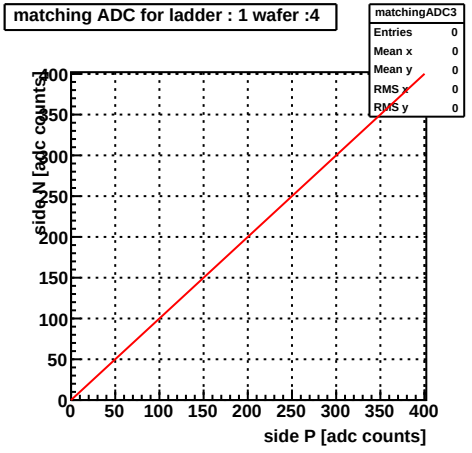

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

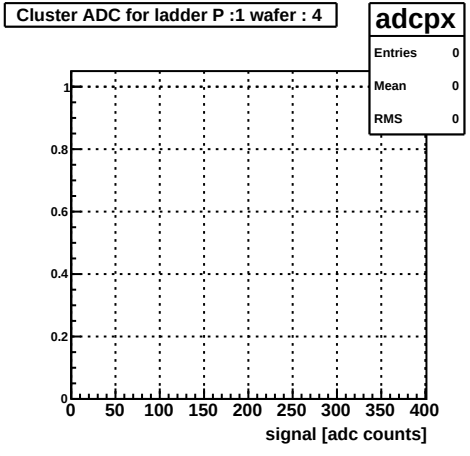

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

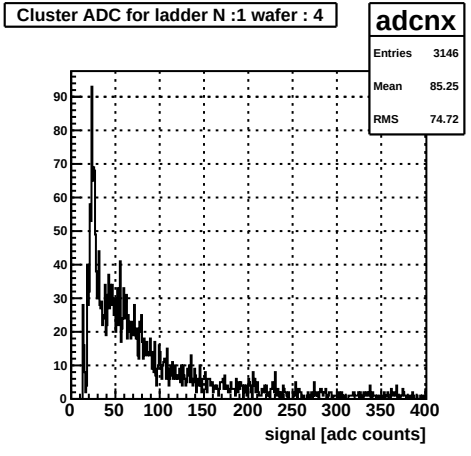

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8231
Mean 34.53
RMS 37.74
signal [adc counts]

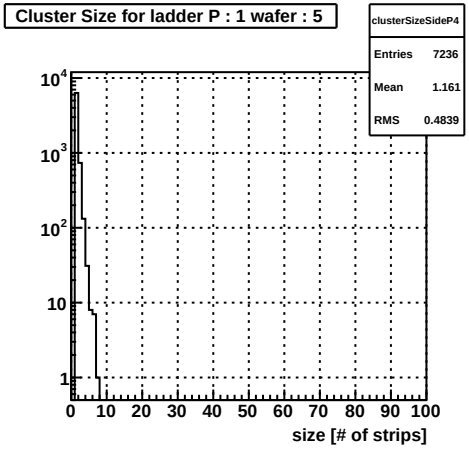

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

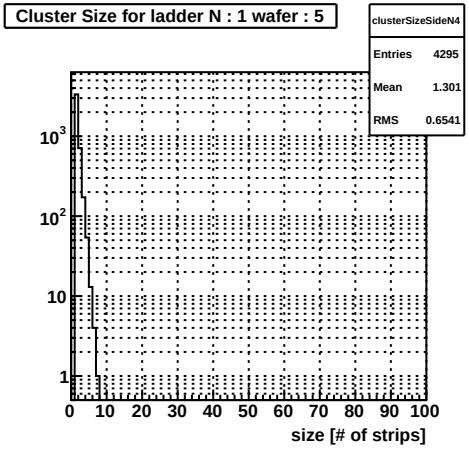

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3146
Mean 2.019
RMS 1.663
size [# of strips]

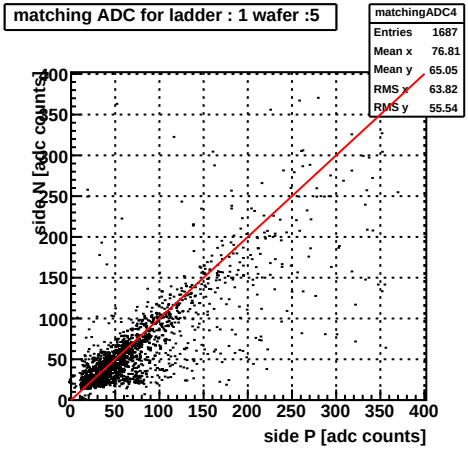

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

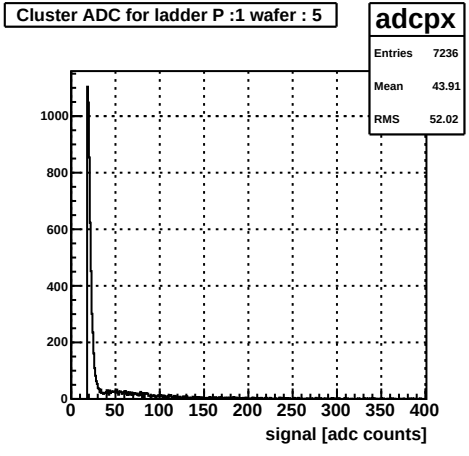

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

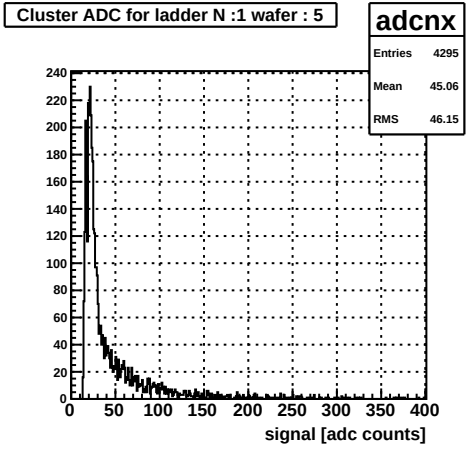

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3146
Mean 85.25
RMS 74.72
signal [adc counts]

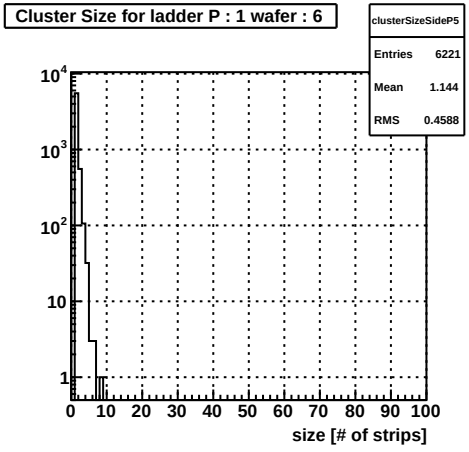

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7236
Mean 1.161
RMS 0.4839
size [# of strips]

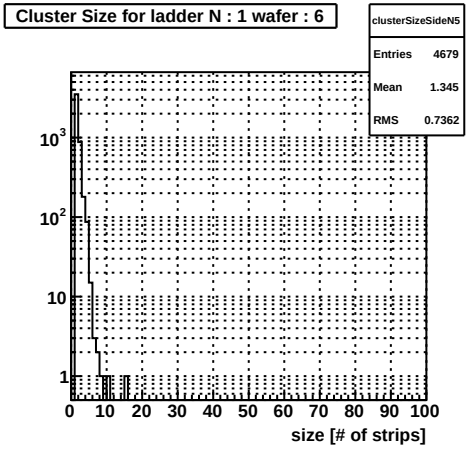

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4295
Mean 1.301
RMS 0.6541
size [# of strips]

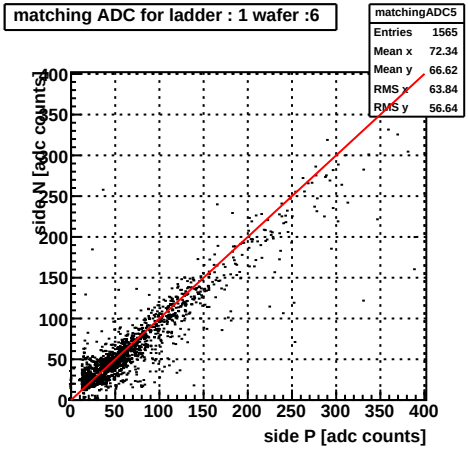

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1687
Mean x 76.81
Mean y 65.05
RMS x 63.82
RMS y 55.54
side N [adc counts]
side P [adc counts]

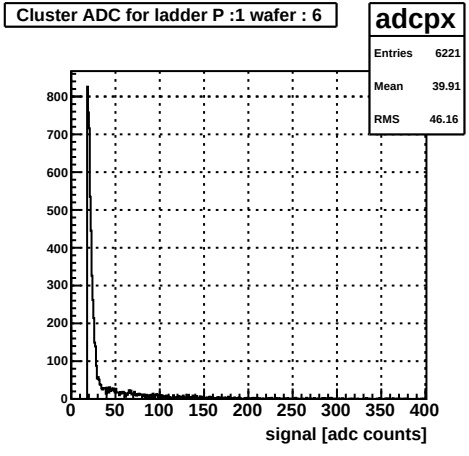

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7236
Mean 43.91
RMS 52.02
signal [adc counts]

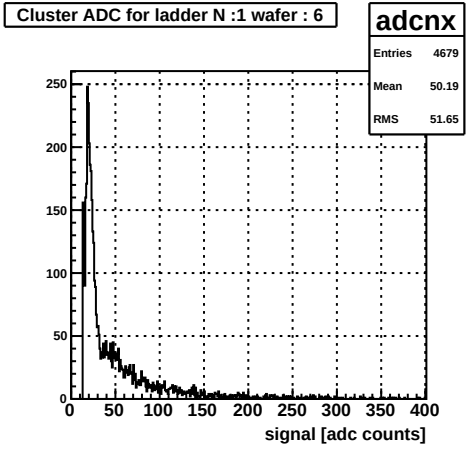

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4295
Mean 45.06
RMS 46.15
signal [adc counts]

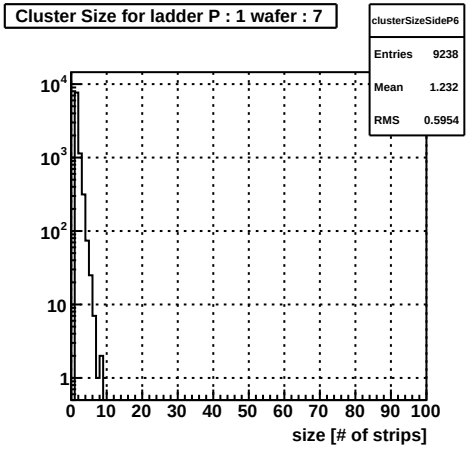

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6221
Mean 1.144
RMS 0.4588
size [# of strips]

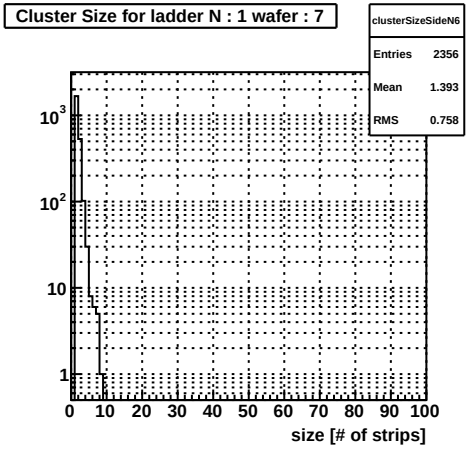

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4679
Mean 1.345
RMS 0.7362
size [# of strips]

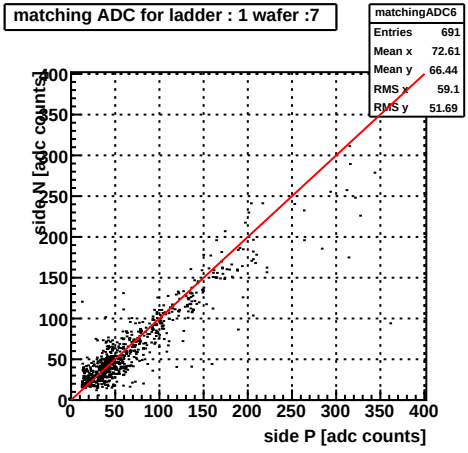

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1565
Mean x 72.34
Mean y 66.62
RMS x 63.84
RMS y 56.64
side N [adc counts]
side P [adc counts]

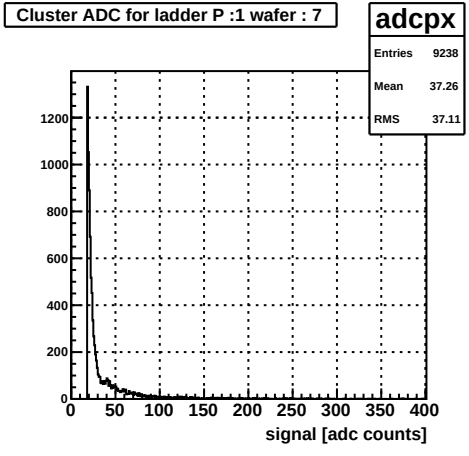

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6221
Mean 39.91
RMS 46.16
signal [adc counts]

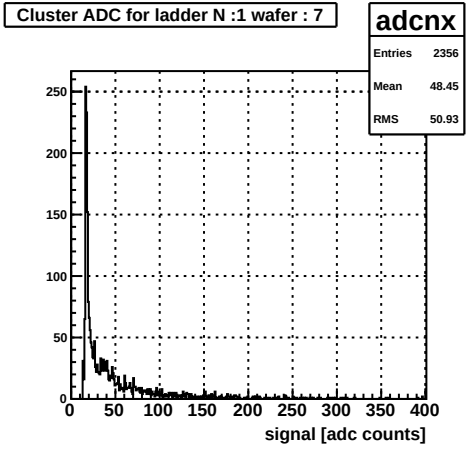

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4679
Mean 50.19
RMS 51.65
signal [adc counts]

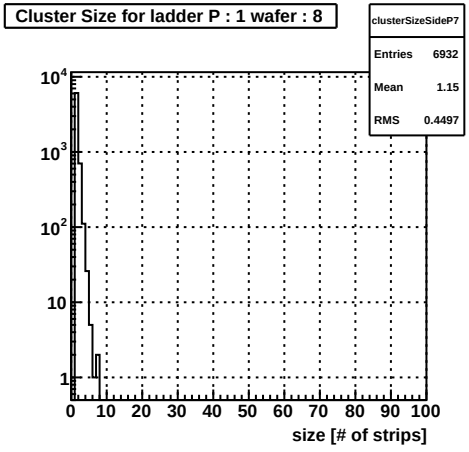

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9238
Mean 1.232
RMS 0.5954
size [# of strips]

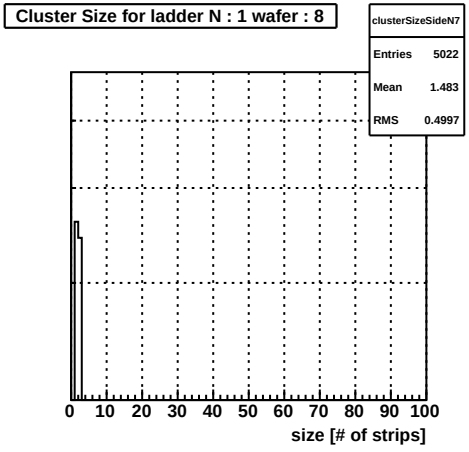

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2356
Mean 1.393
RMS 0.758
size [# of strips]

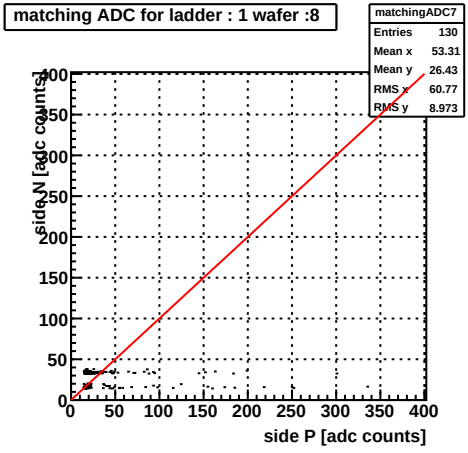

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 691
Mean x 72.61
Mean y 66.44
RMS x 59.1
RMS y 51.69
side N [adc counts]
side P [adc counts]

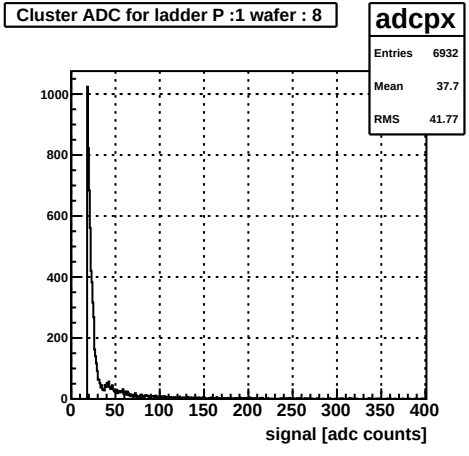

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9238
Mean 37.26
RMS 37.11
signal [adc counts]

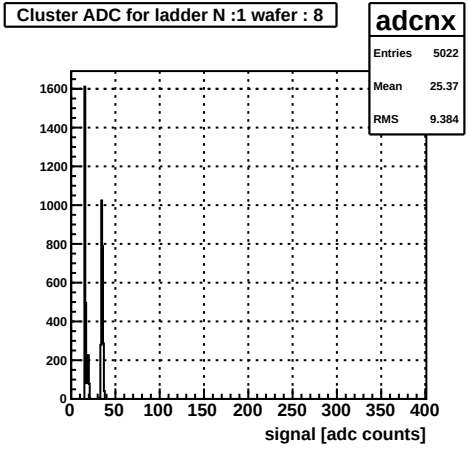

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2356
Mean 48.45
RMS 50.93
signal [adc counts]

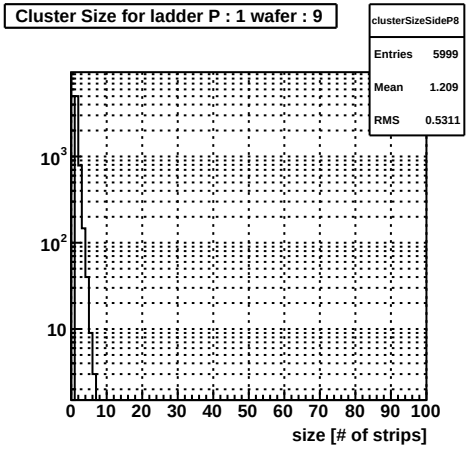

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6932
Mean 1.15
RMS 0.4497
size [# of strips]

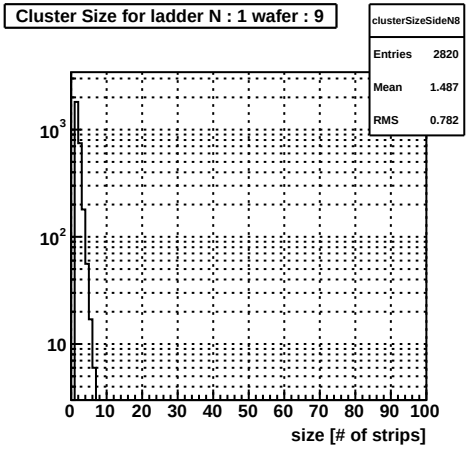

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5022
Mean 1.483
RMS 0.4997
size [# of strips]

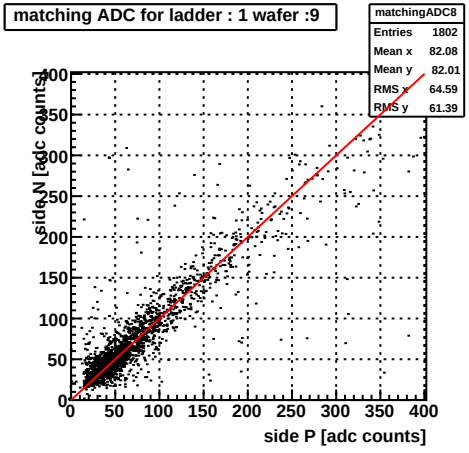

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 130
Mean x 53.31
Mean y 26.43
RMS x 60.77
RMS y 8.973
side N [adc counts]
side P [adc counts]

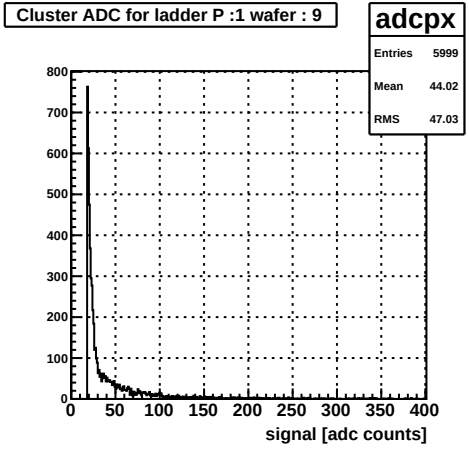

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6932
Mean 37.7
RMS 41.77
signal [adc counts]

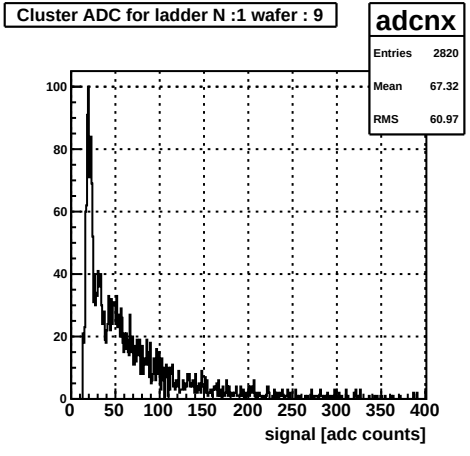

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5022
Mean 25.37
RMS 9.384
signal [adc counts]

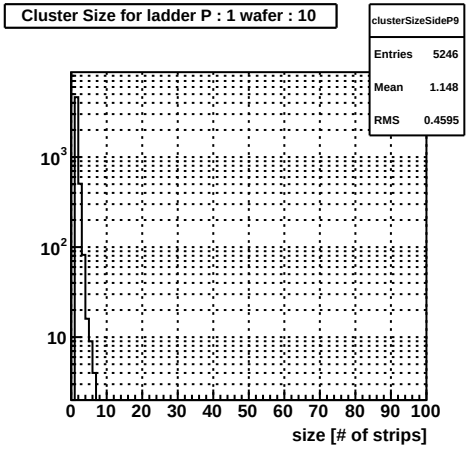

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5999
Mean 1.209
RMS 0.5311
size [# of strips]

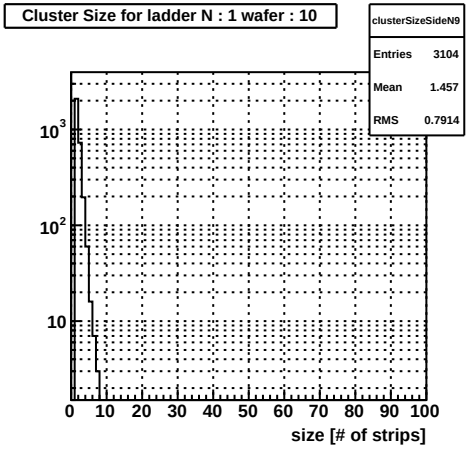

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2820
Mean 1.487
RMS 0.782
size [# of strips]

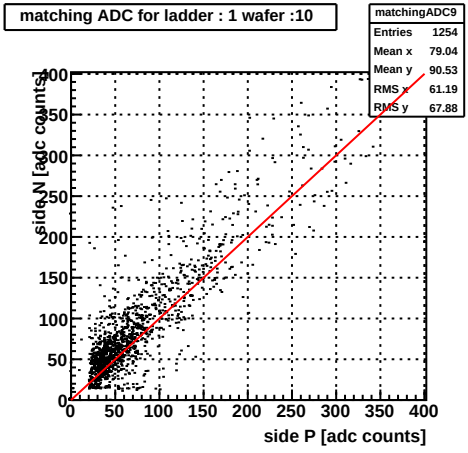

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1802
Mean x 82.08
Mean y 82.01
RMS x 64.59
RMS y 61.39
side N [adc counts]
side P [adc counts]

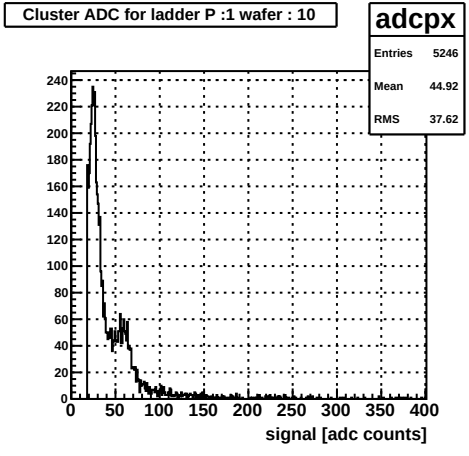

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5999
Mean 44.02
RMS 47.03
signal [adc counts]

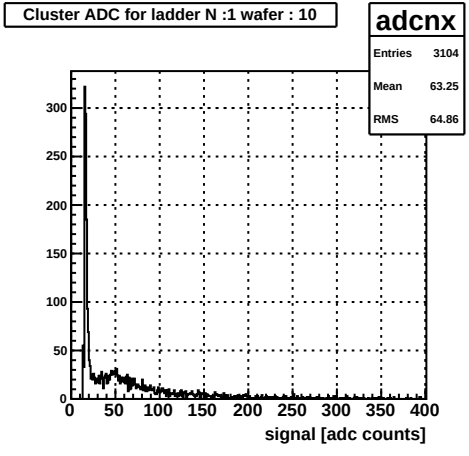

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2820
Mean 67.32
RMS 60.97
signal [adc counts]

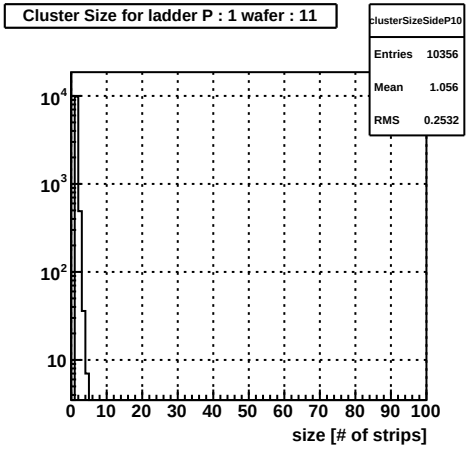

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5246
Mean 1.148
RMS 0.4595
size [# of strips]

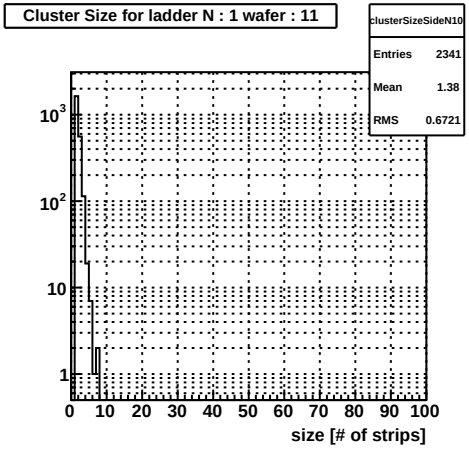

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3104
Mean 1.457
RMS 0.7914
size [# of strips]

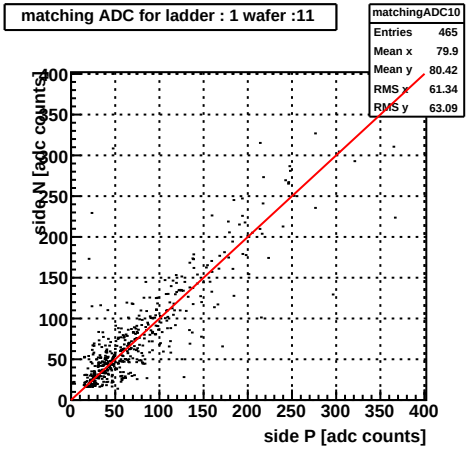

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1254
Mean x 79.04
Mean y 90.53
RMS x 61.19
RMS y 67.88
side N [adc counts]
side P [adc counts]

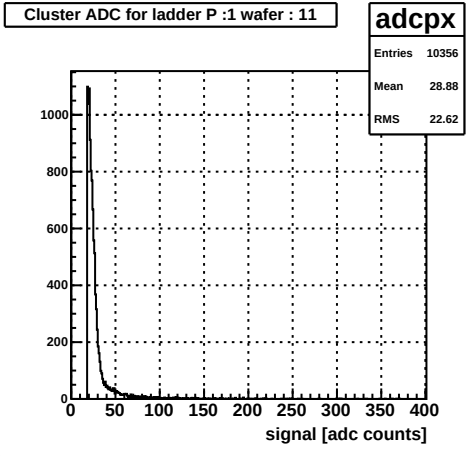

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5246
Mean 44.92
RMS 37.62
signal [adc counts]

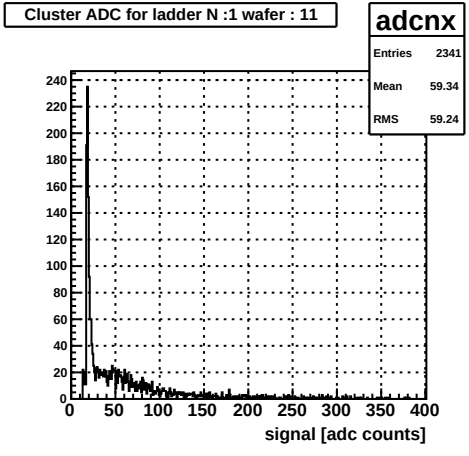

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3104
Mean 63.25
RMS 64.86
signal [adc counts]

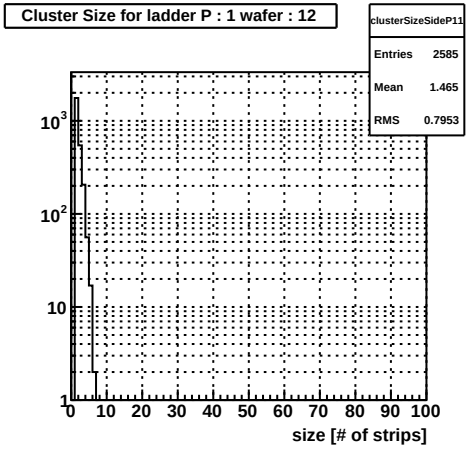

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10356
Mean 1.056
RMS 0.2532
size [# of strips]

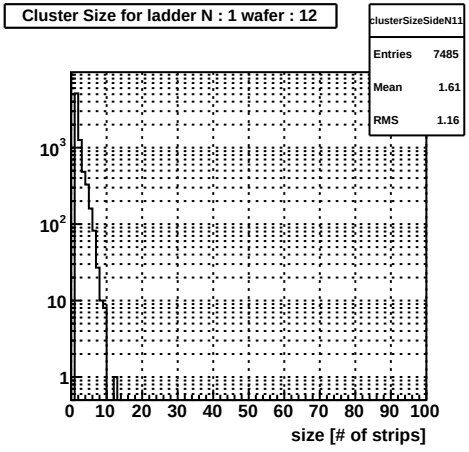

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2341
Mean 1.38
RMS 0.6721
size [# of strips]

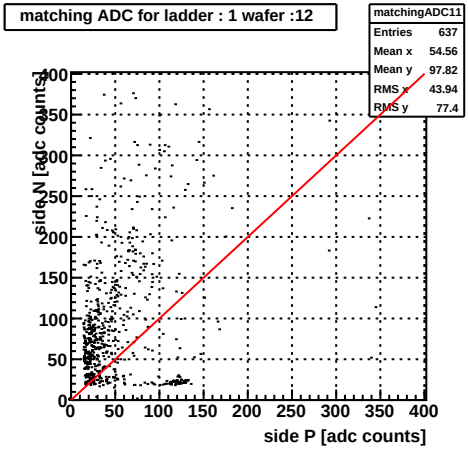

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 465
Mean x 79.9
Mean y 80.42
RMS x 61.34
RMS y 63.09
side N [adc counts]
side P [adc counts]

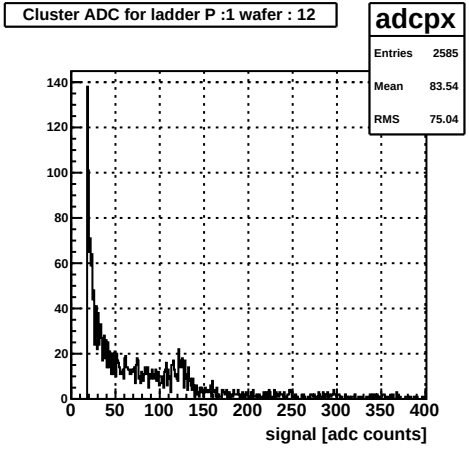

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10356
Mean 28.88
RMS 22.62
signal [adc counts]

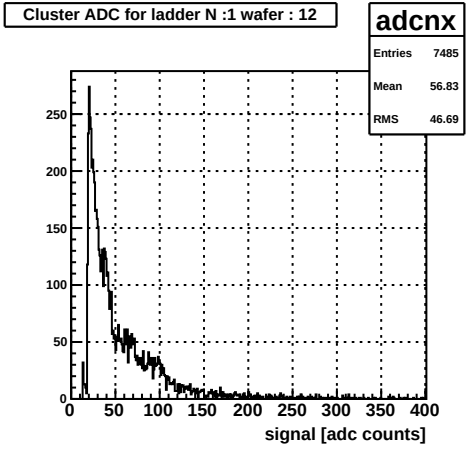

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2341
Mean 59.34
RMS 59.24
signal [adc counts]

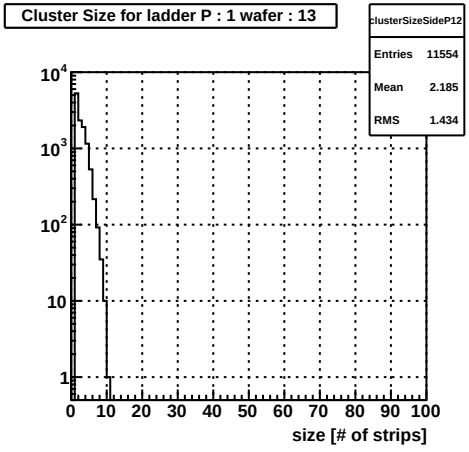

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2585
Mean 1.465
RMS 0.7953
size [# of strips]

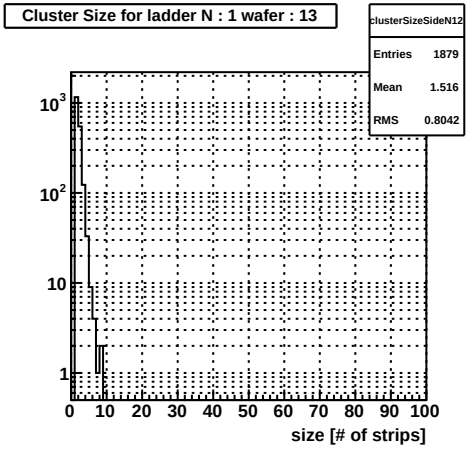

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7485
Mean 1.61
RMS 1.16
size [# of strips]

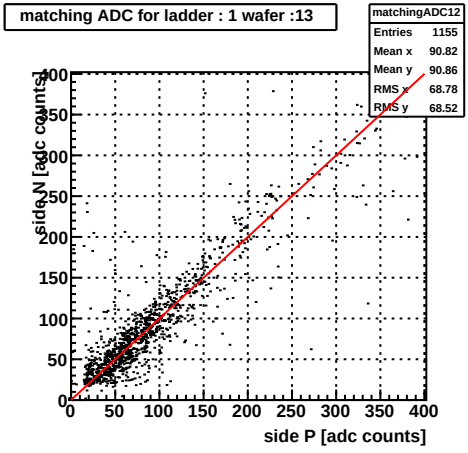

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 637
Mean x 54.56
Mean y 97.82
RMS x 43.94
RMS y 77.4
side N [adc counts]
side P [adc counts]

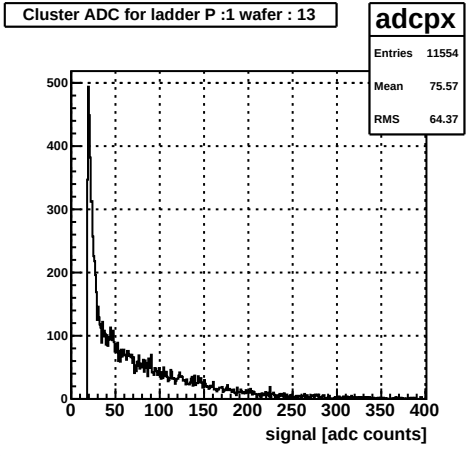

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2585
Mean 83.54
RMS 75.04
signal [adc counts]

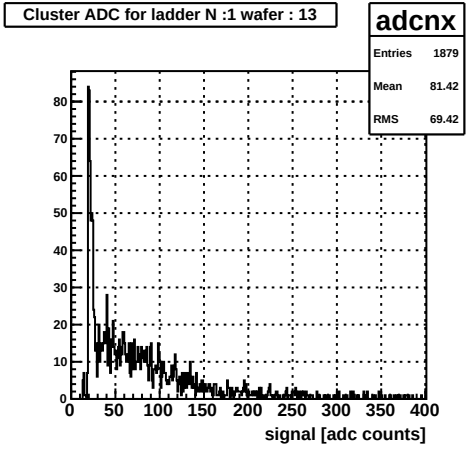

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7485
Mean 56.83
RMS 46.69
signal [adc counts]

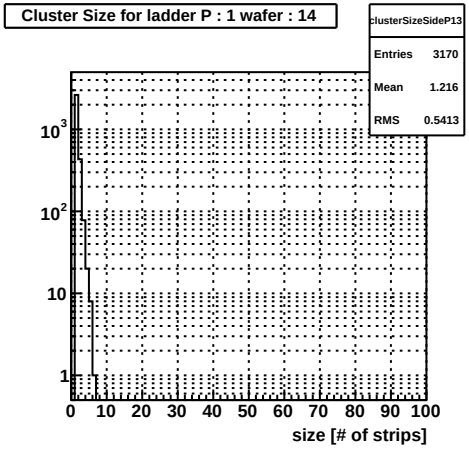

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11554
Mean 2.185
RMS 1.434
size [# of strips]

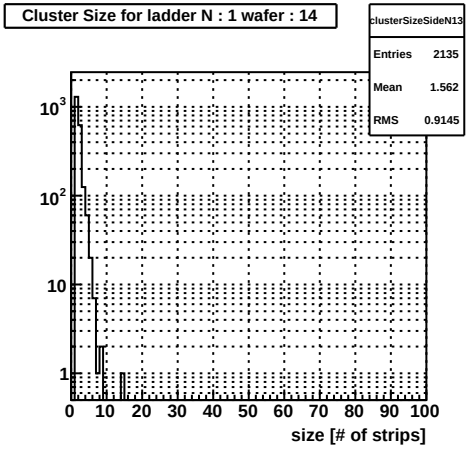

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1879
Mean 1.516
RMS 0.8042
size [# of strips]

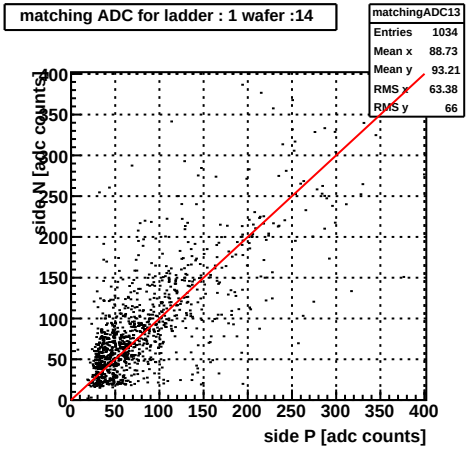

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1155
Mean x 90.82
Mean y 90.86
RMS x 68.78
RMS y 68.52
side N [adc counts]
side P [adc counts]

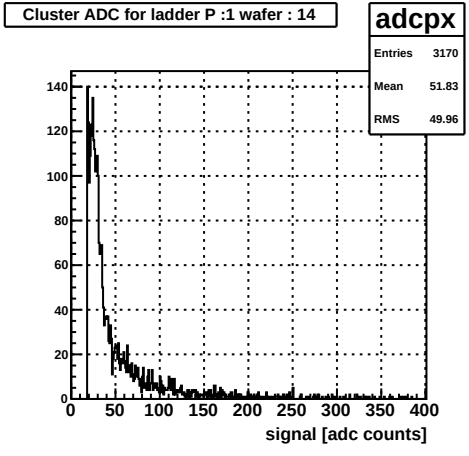

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11554
Mean 75.57
RMS 64.37
signal [adc counts]

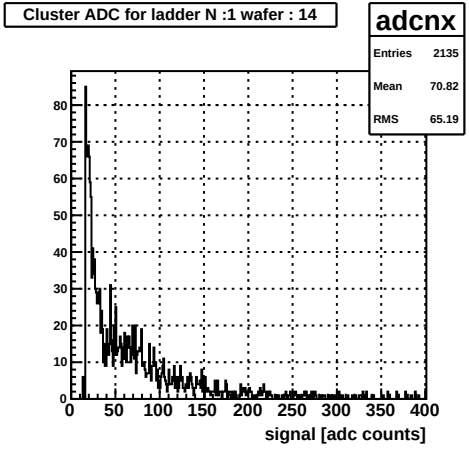

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1879
Mean 81.42
RMS 69.42
signal [adc counts]

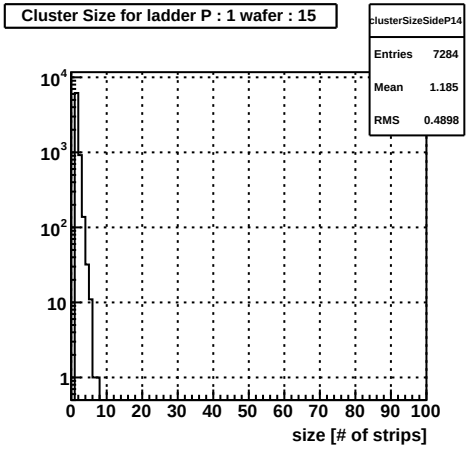

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3170
Mean 1.216
RMS 0.5413
size [# of strips]

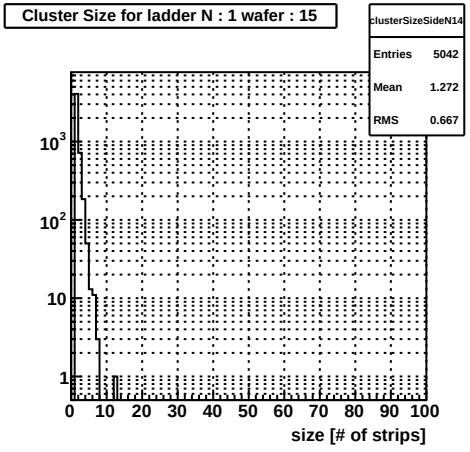

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2135
Mean 1.562
RMS 0.9145
size [# of strips]

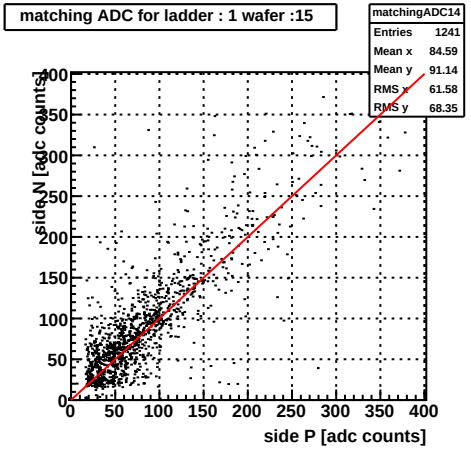

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1034
Mean x 88.73
Mean y 93.21
RMS x 63.38
RMS y 66
side N [adc counts]
side P [adc counts]

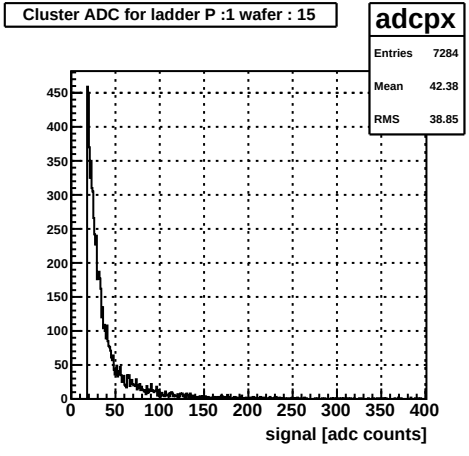

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3170
Mean 51.83
RMS 49.96
signal [adc counts]

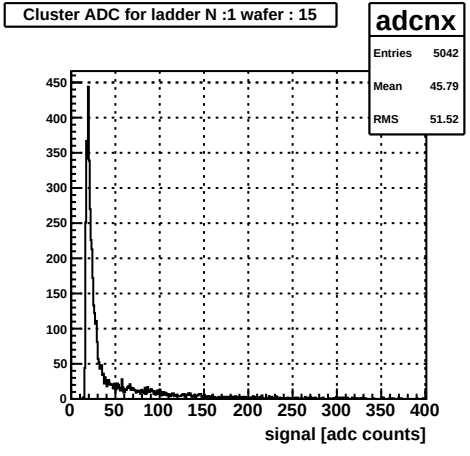

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2135
Mean 70.82
RMS 65.19
signal [adc counts]

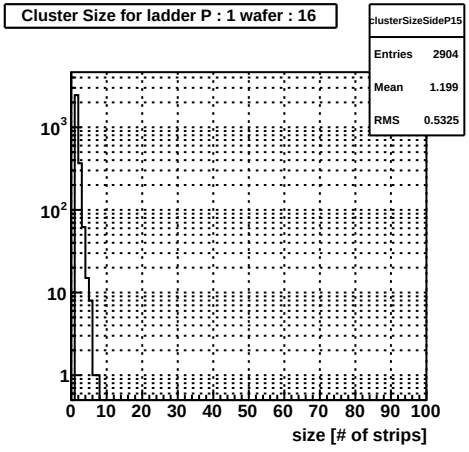

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7284
Mean 1.185
RMS 0.4898
size [# of strips]

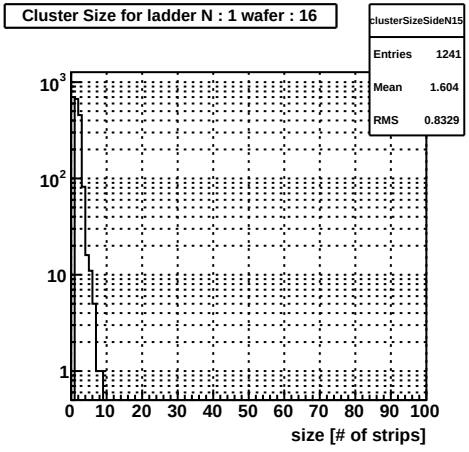

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5042
Mean 1.272
RMS 0.667
size [# of strips]

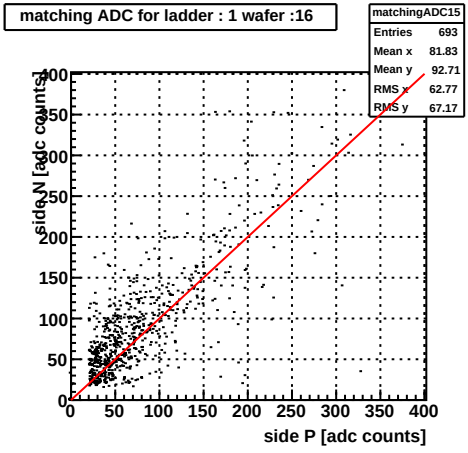

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1241
Mean x 84.59
Mean y 91.14
RMS x 61.58
RMS y 68.35
side N [adc counts]
side P [adc counts]

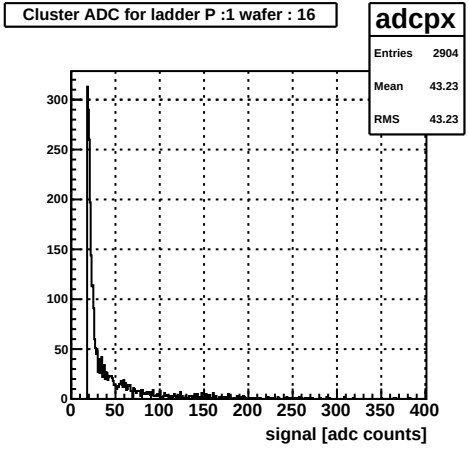

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7284
Mean 42.38
RMS 38.85
signal [adc counts]

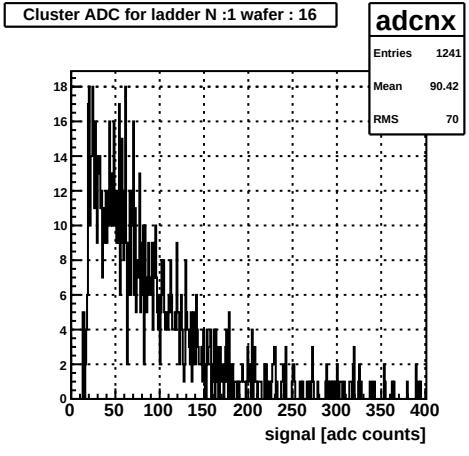

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5042
Mean 45.79
RMS 51.52
signal [adc counts]

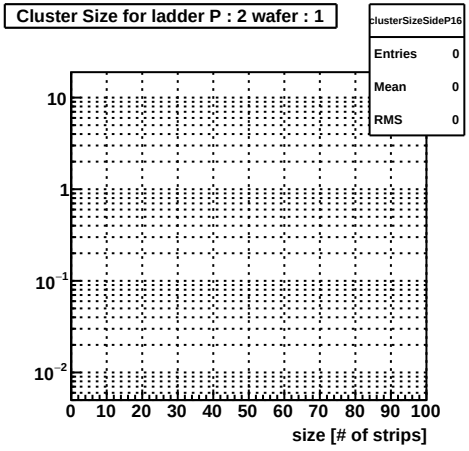

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2904
Mean 1.199
RMS 0.5325
size [# of strips]

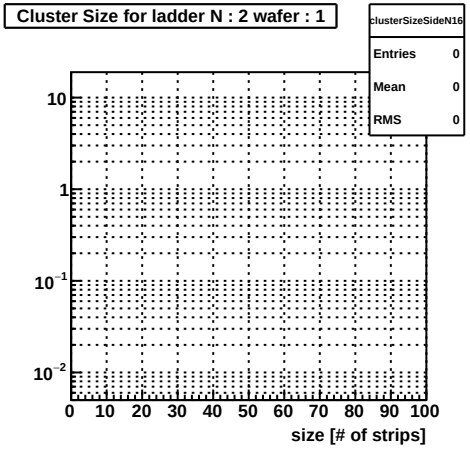

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1241
Mean 1.604
RMS 0.8329
size [# of strips]

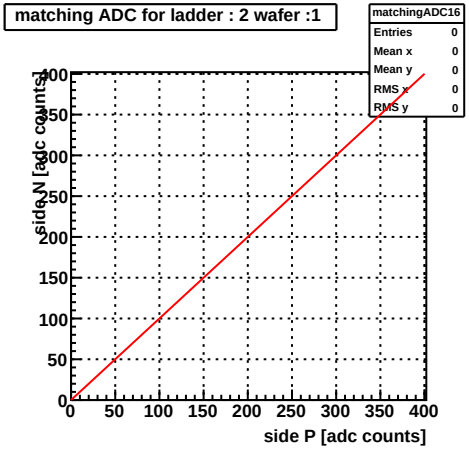

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 693
Mean x 81.83
Mean y 92.71
RMS x 62.77
RMS y 67.17
side N [adc counts]
side P [adc counts]

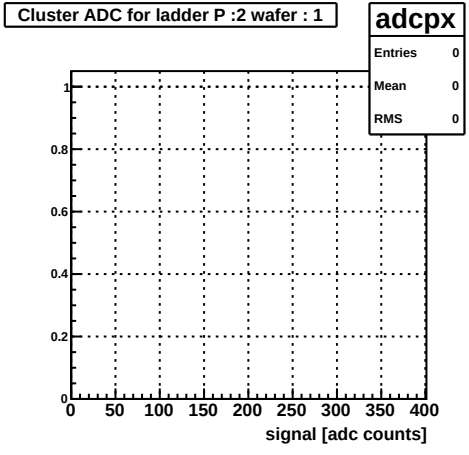

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2904
Mean 43.23
RMS 43.23
signal [adc counts]

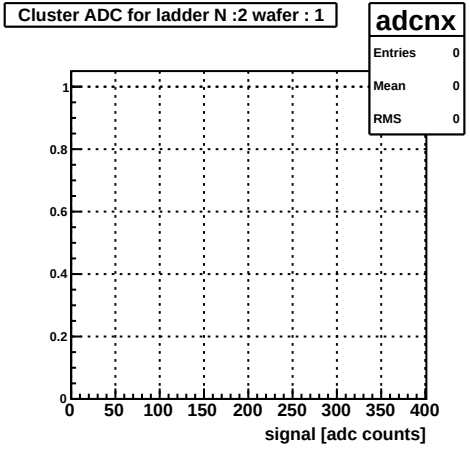

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1241
Mean 90.42
RMS 70
signal [adc counts]

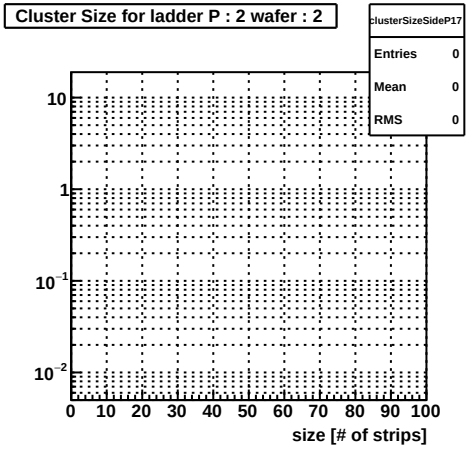

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

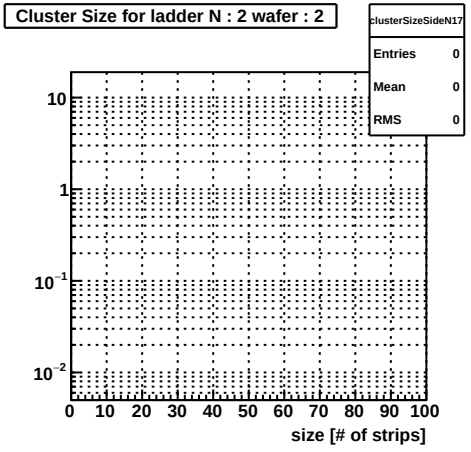

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

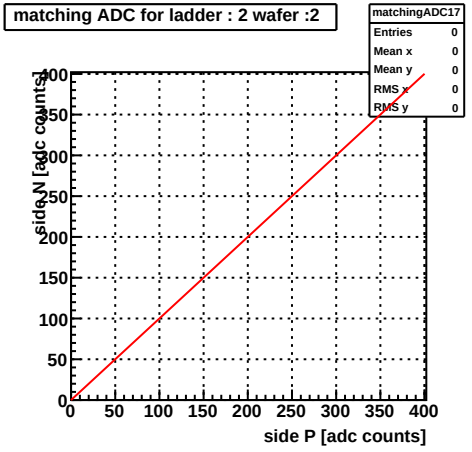

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

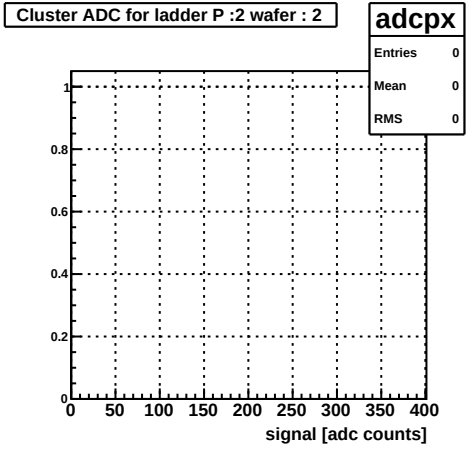

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

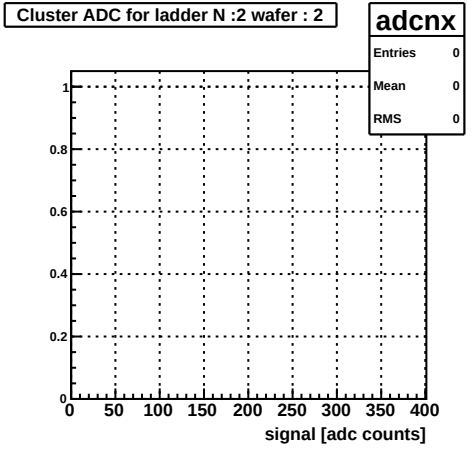

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

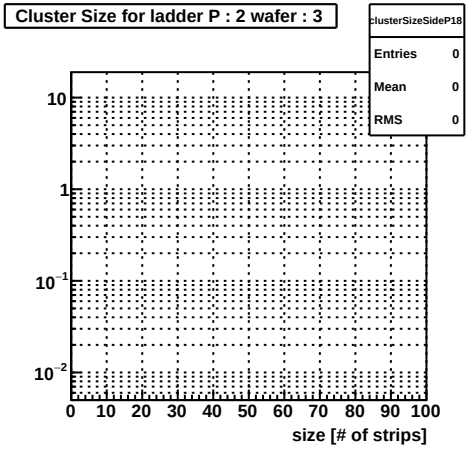

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

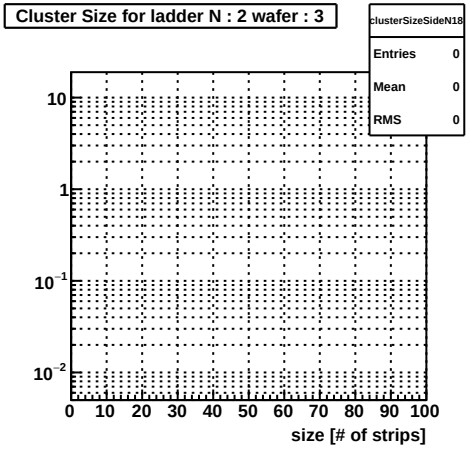

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

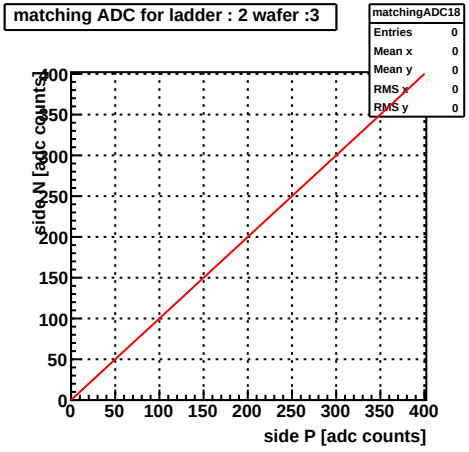

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

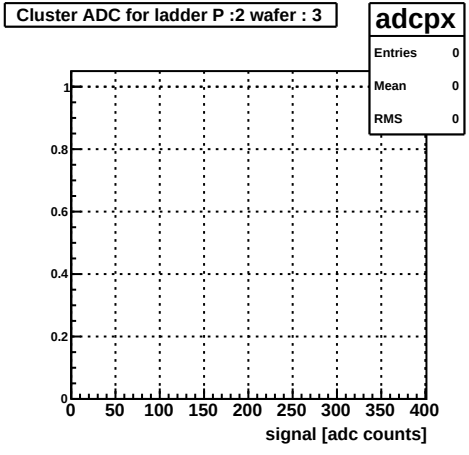

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

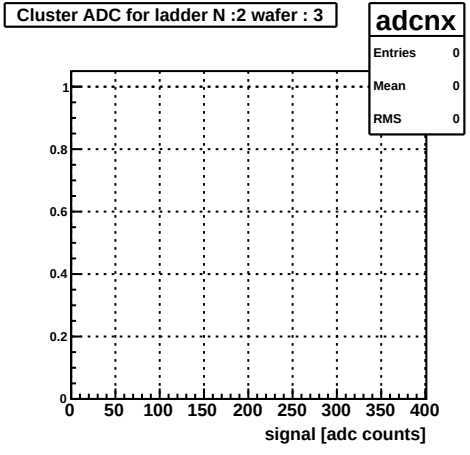

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

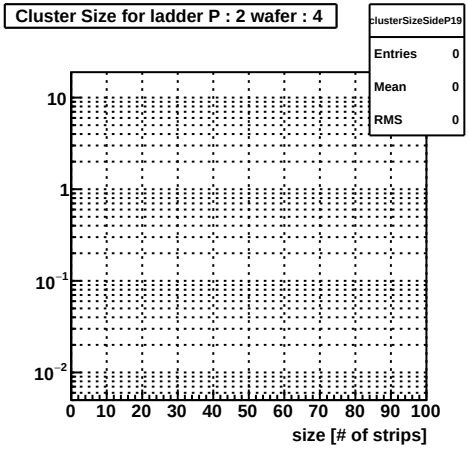

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

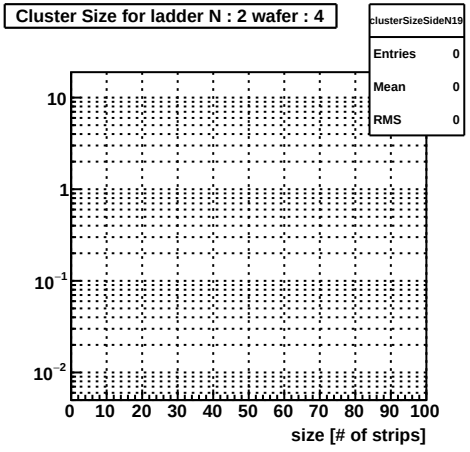

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

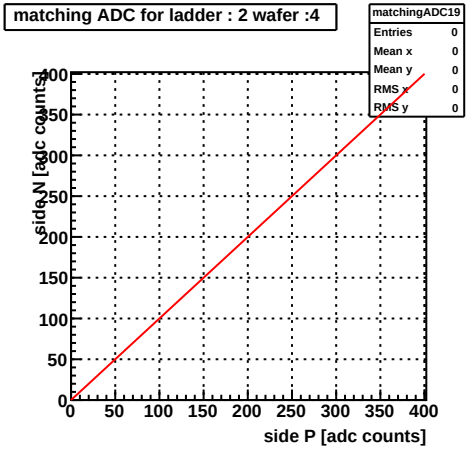

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

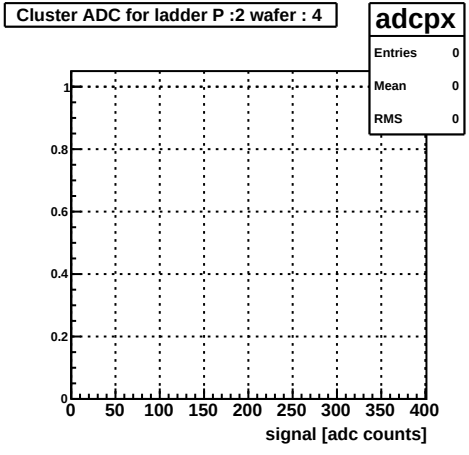

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

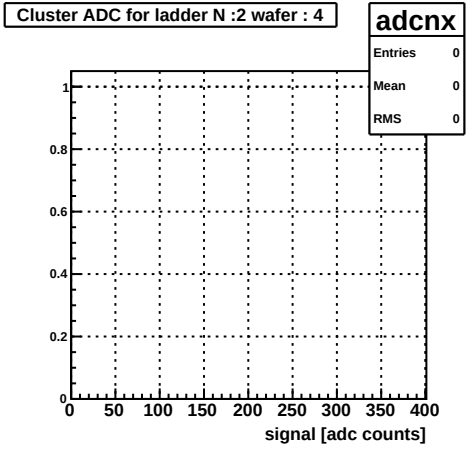

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

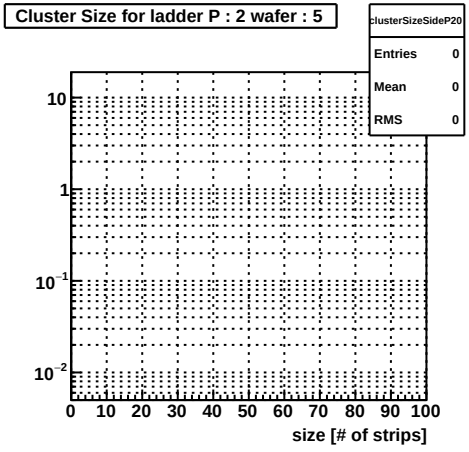

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

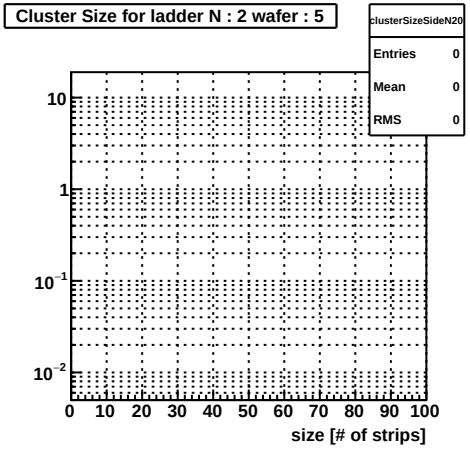

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

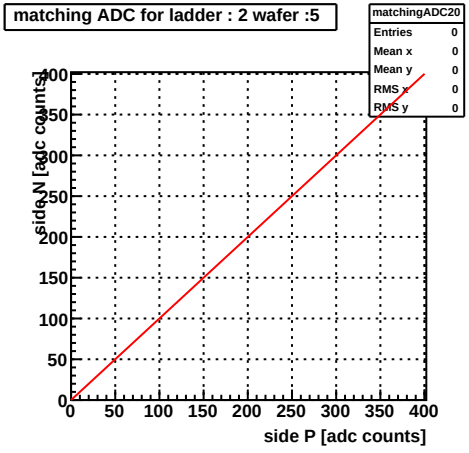

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

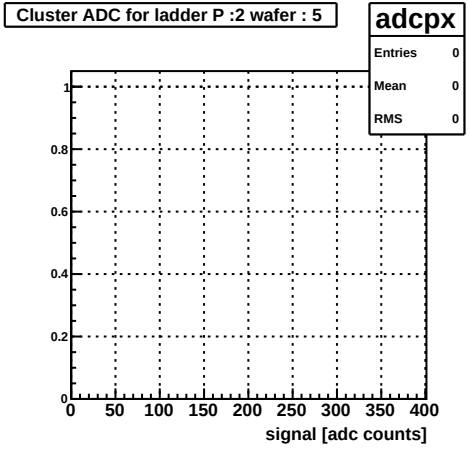

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

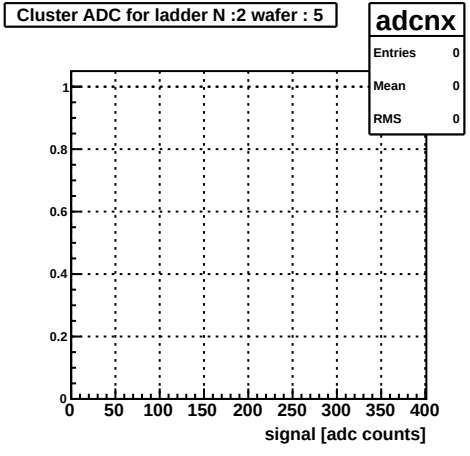

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

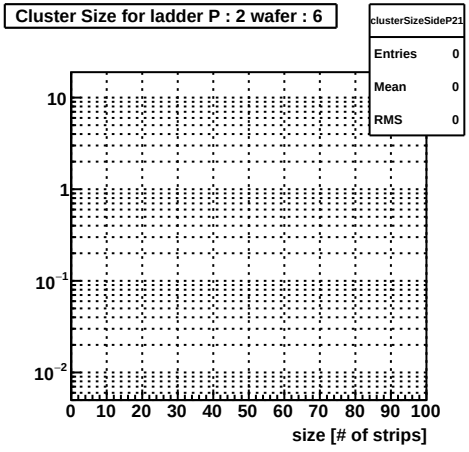

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

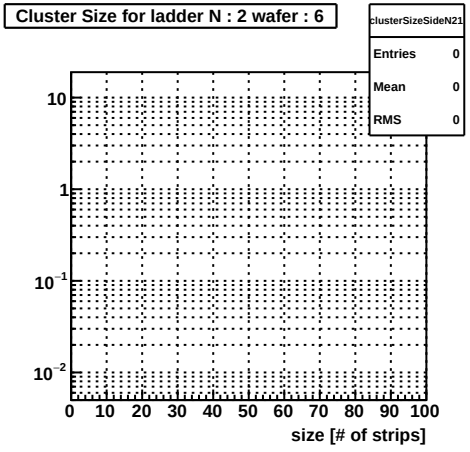

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

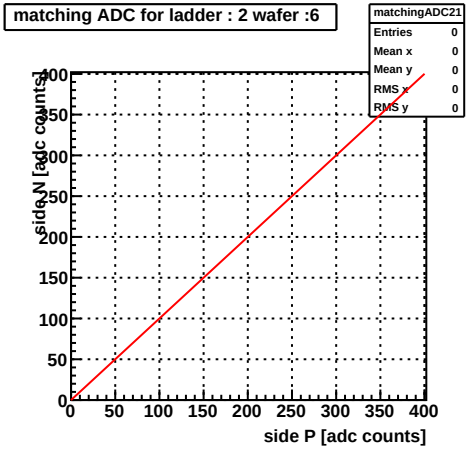

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

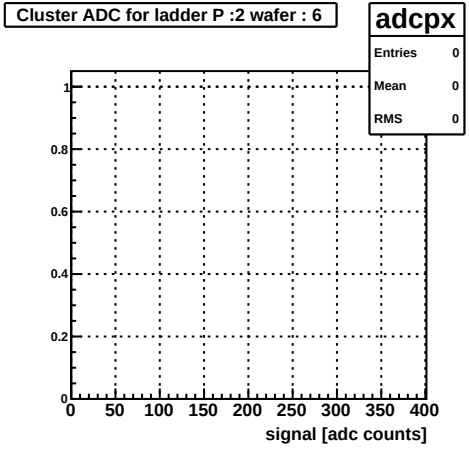

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

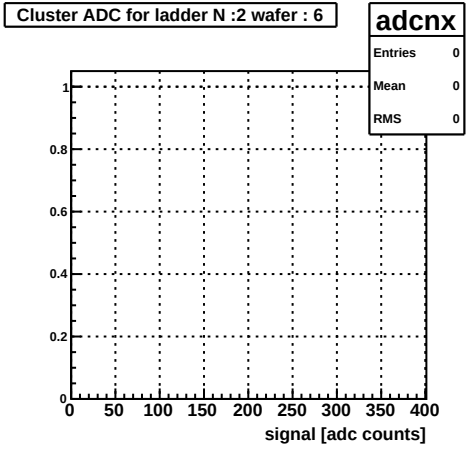

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

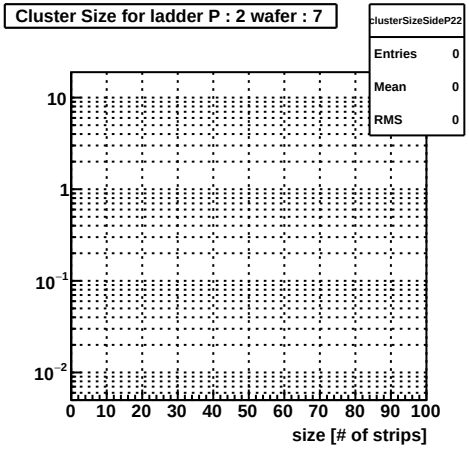

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

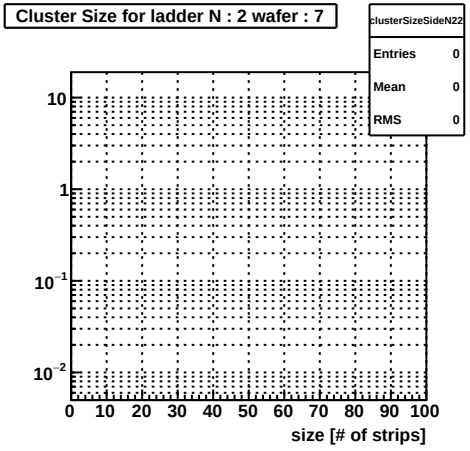

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

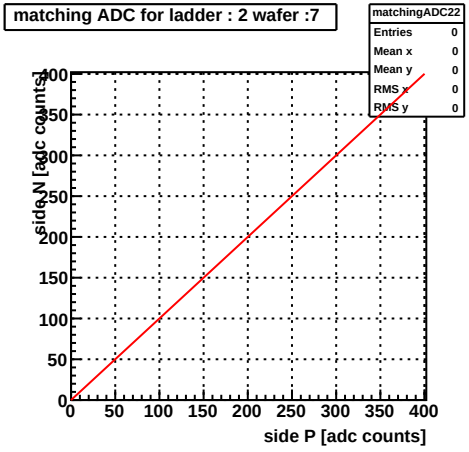

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

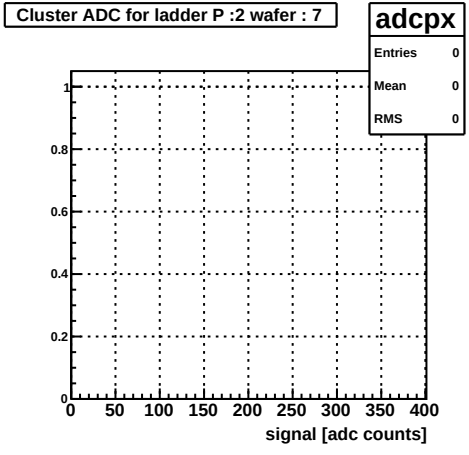

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

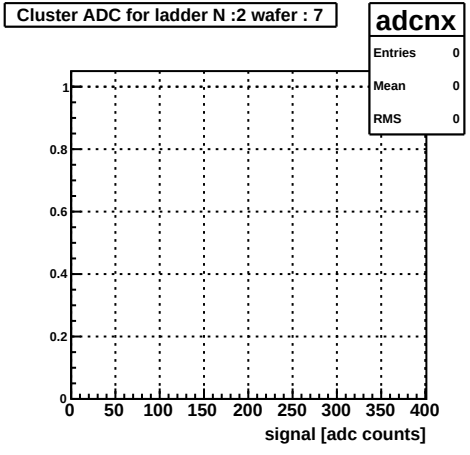

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

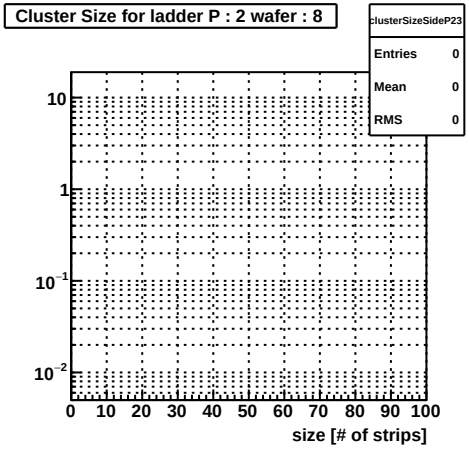

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

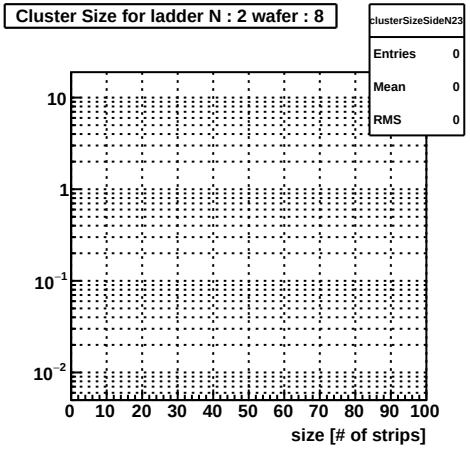

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

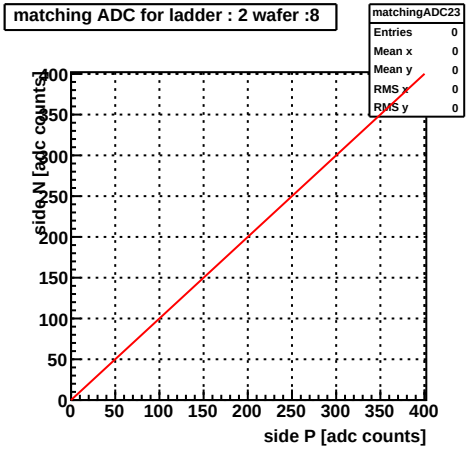

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

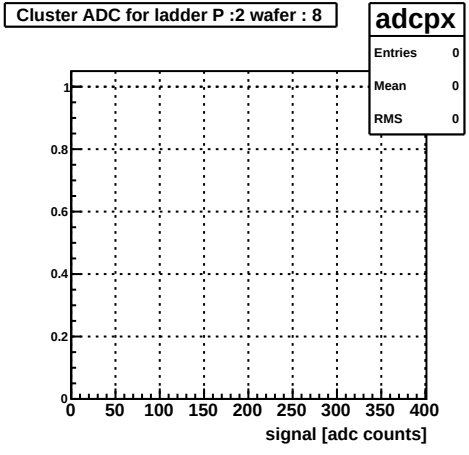

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

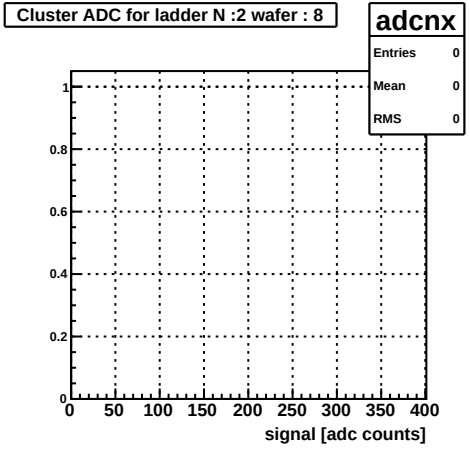

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

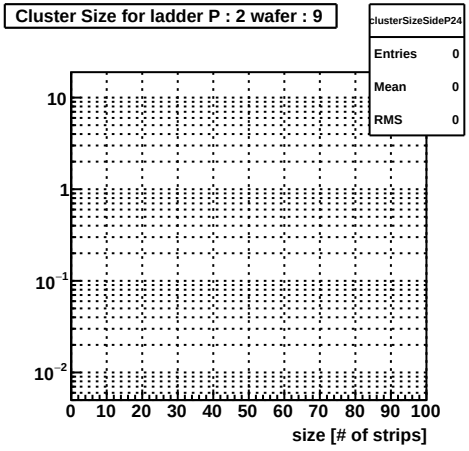

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

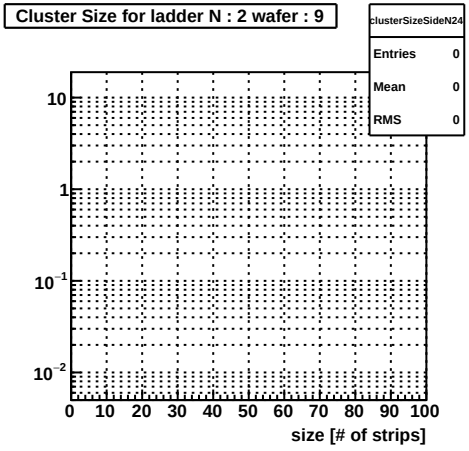

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

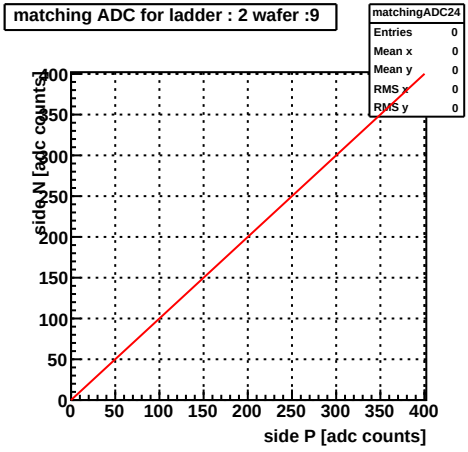

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

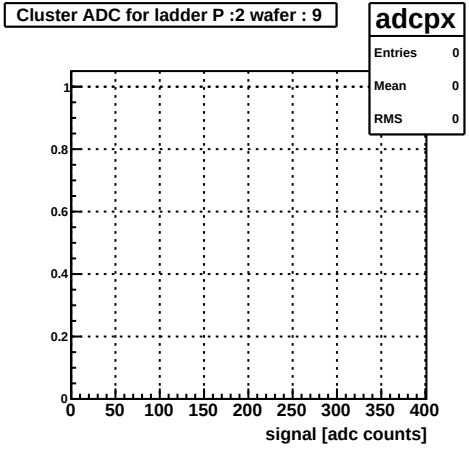

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

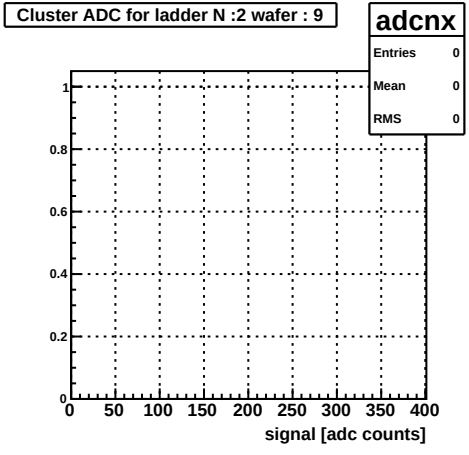

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

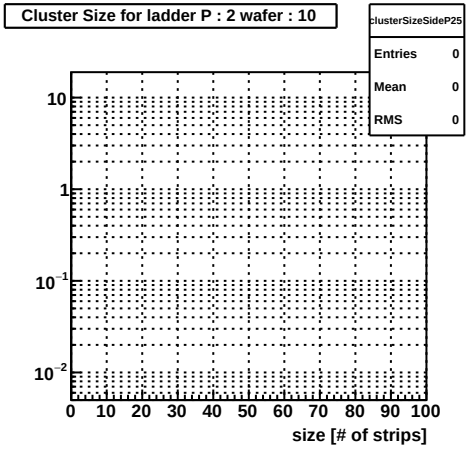

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

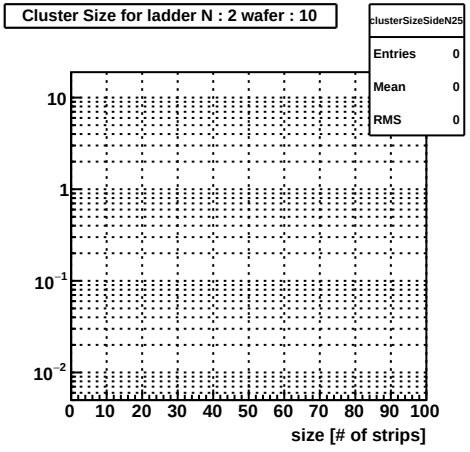

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

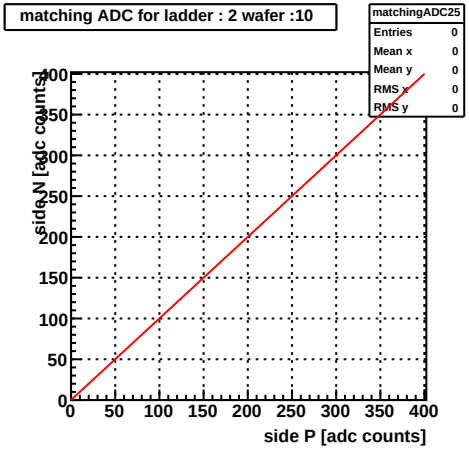

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

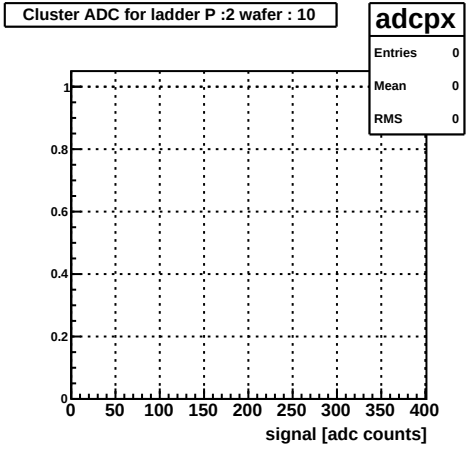

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

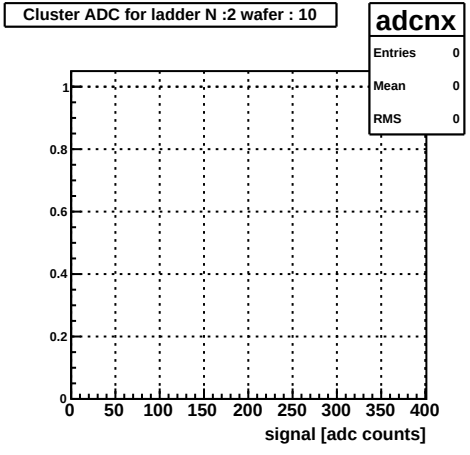

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

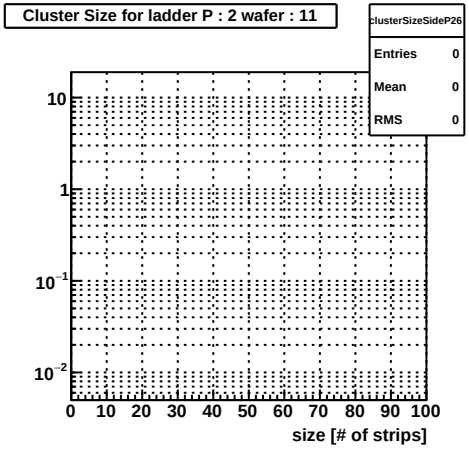

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

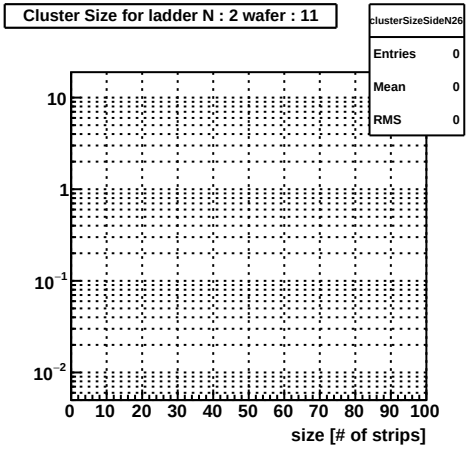

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

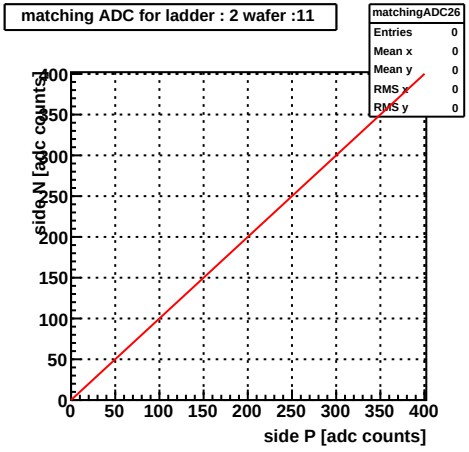

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

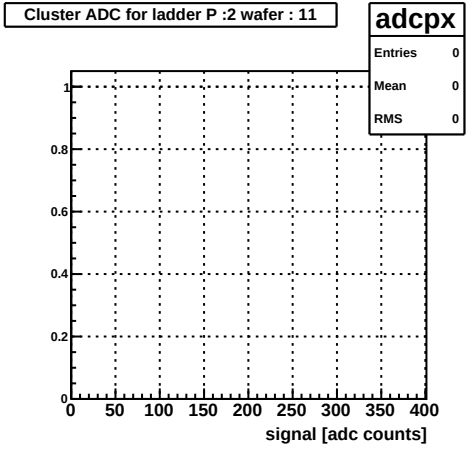

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

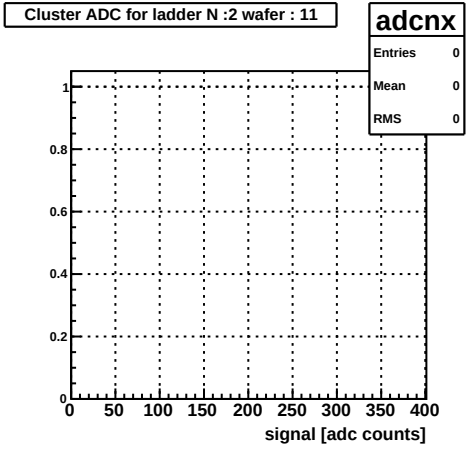

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

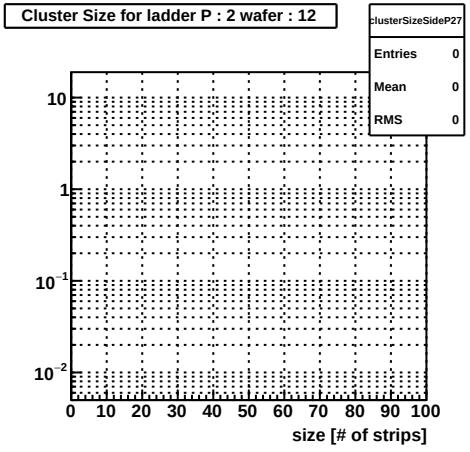

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

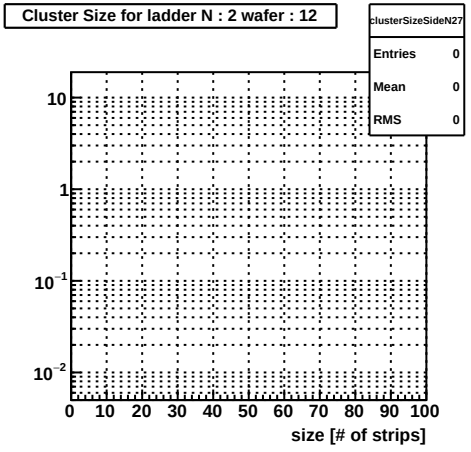

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

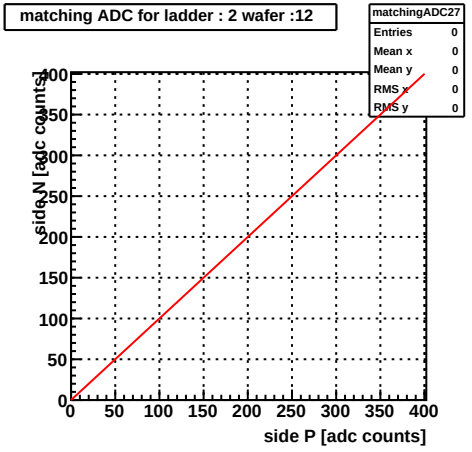

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

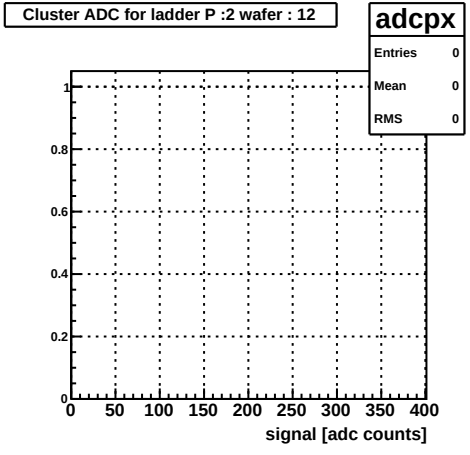

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

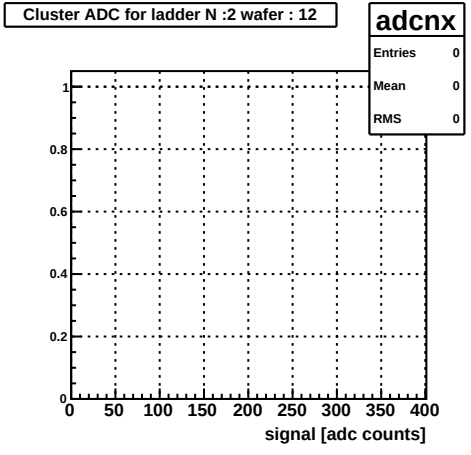

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

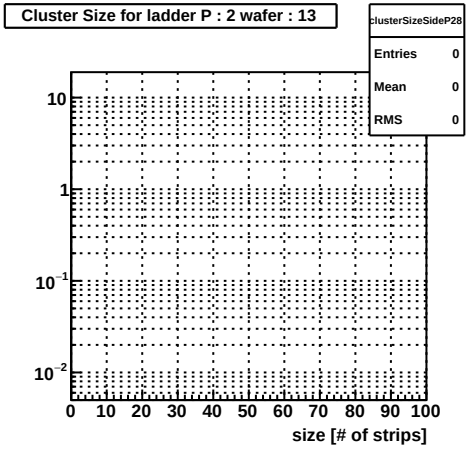

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

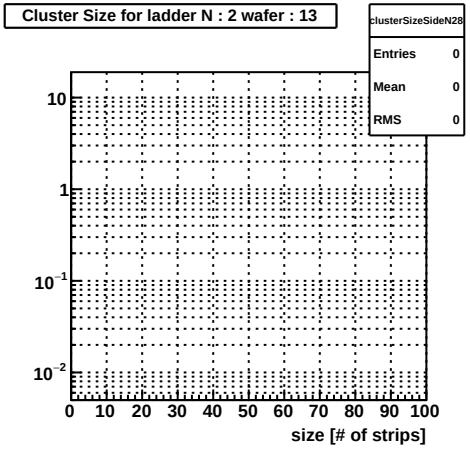

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

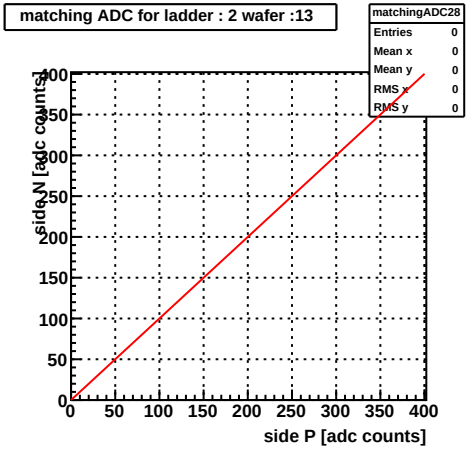

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

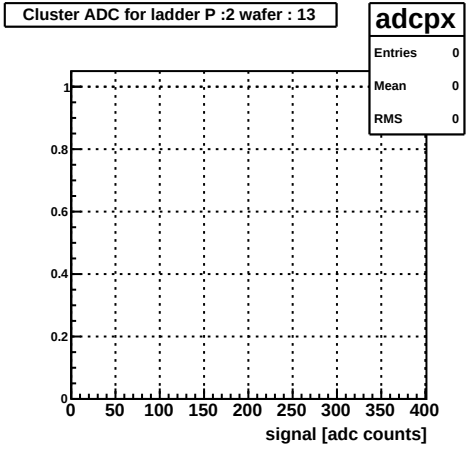

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

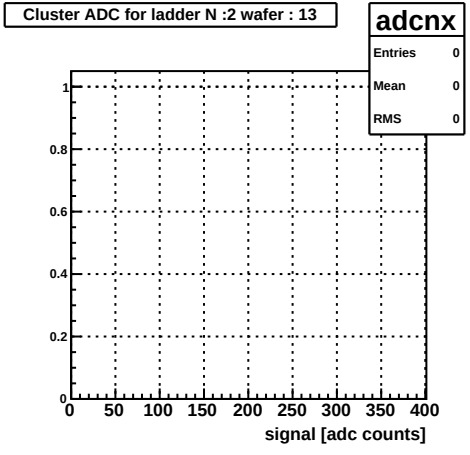

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

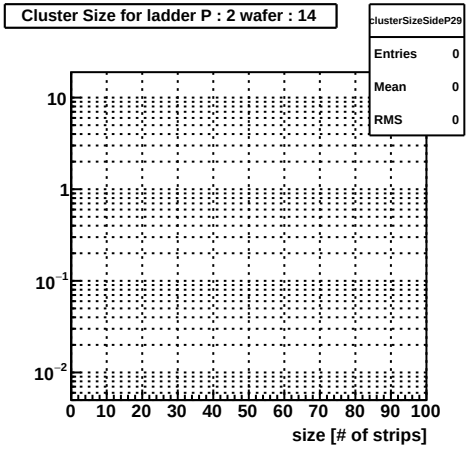

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

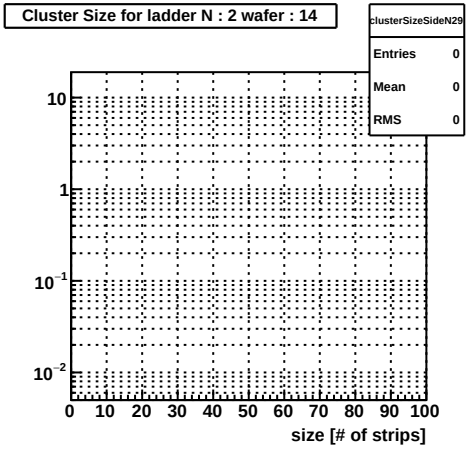

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

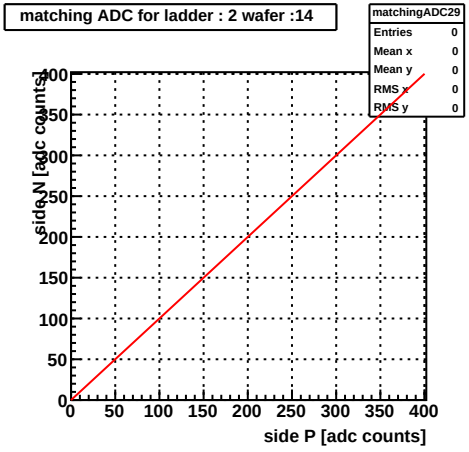

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

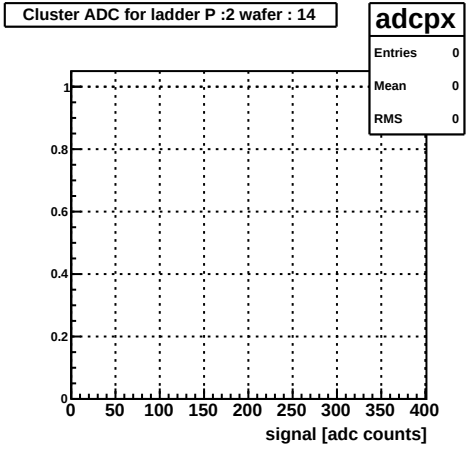

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

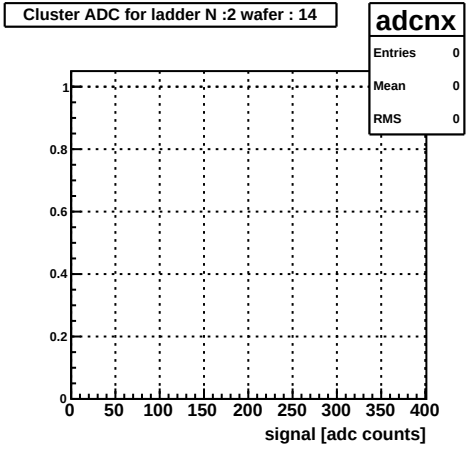

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

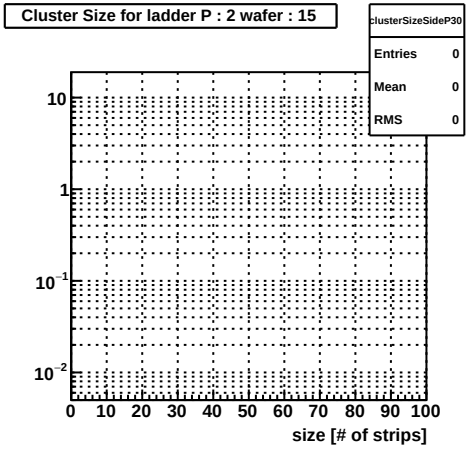

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

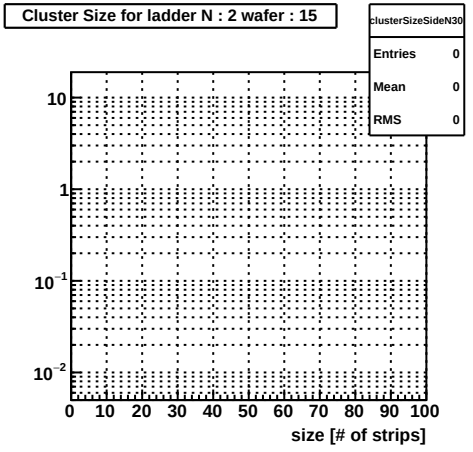

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

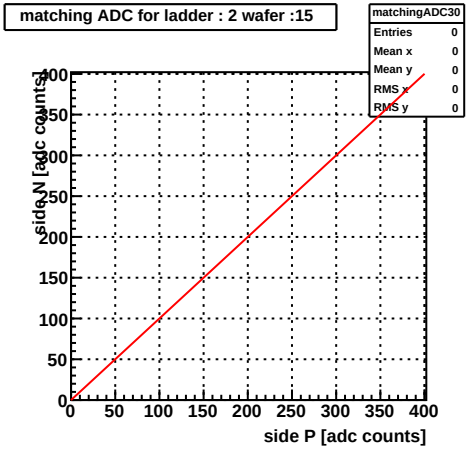

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

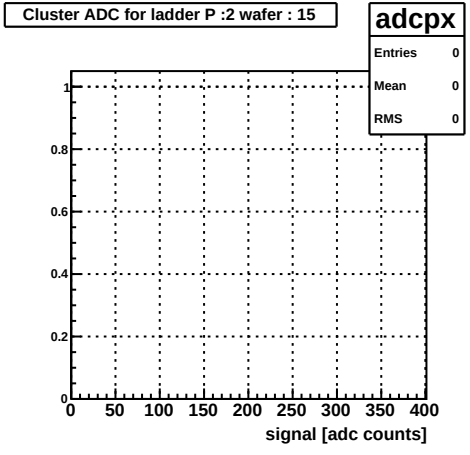

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

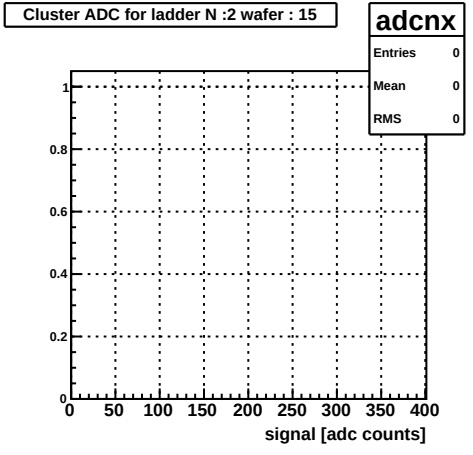

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

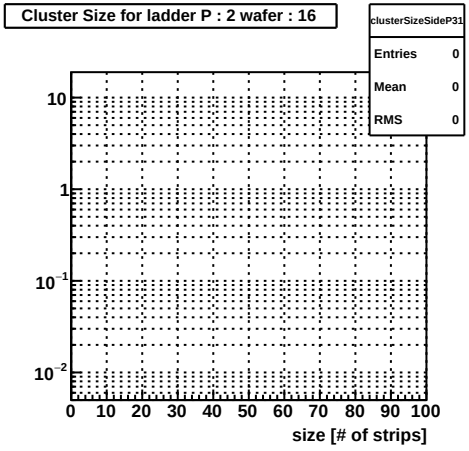

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

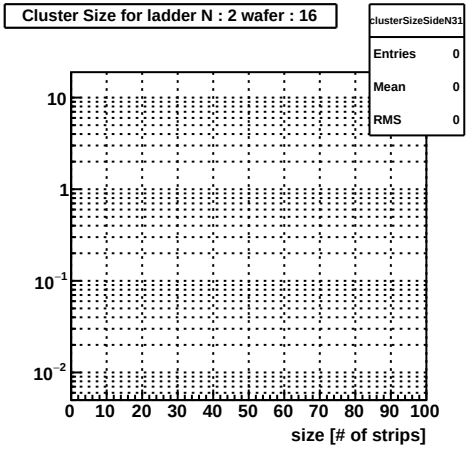

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

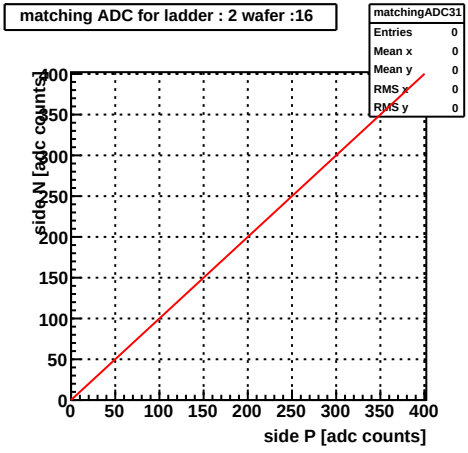

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

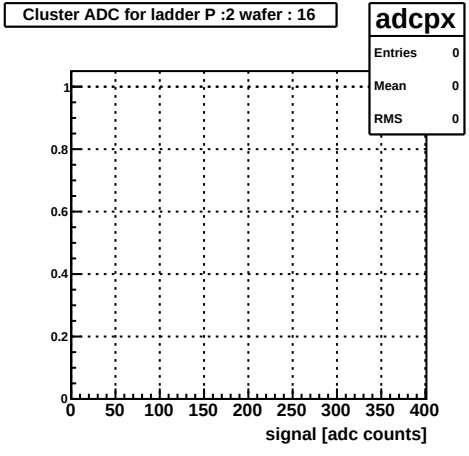

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

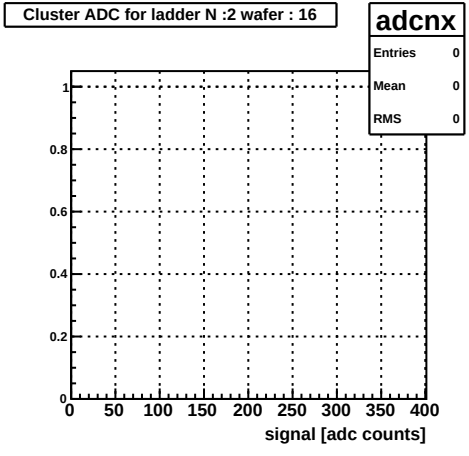

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

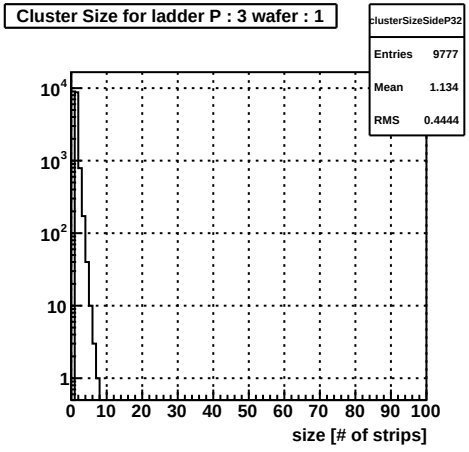

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

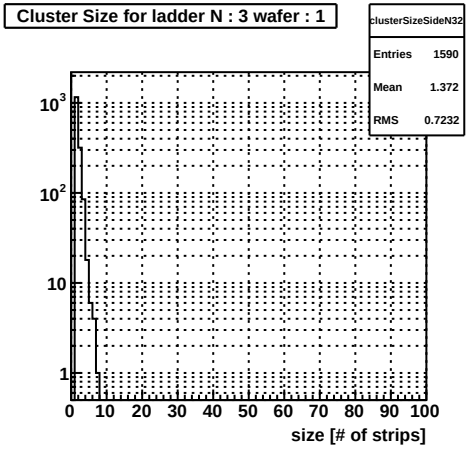

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

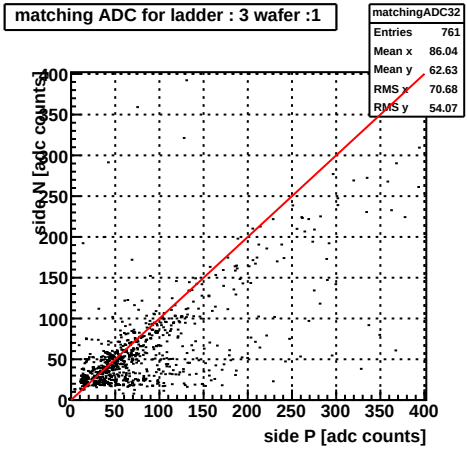

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

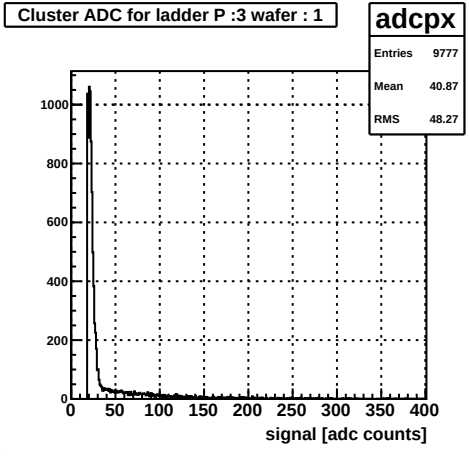

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

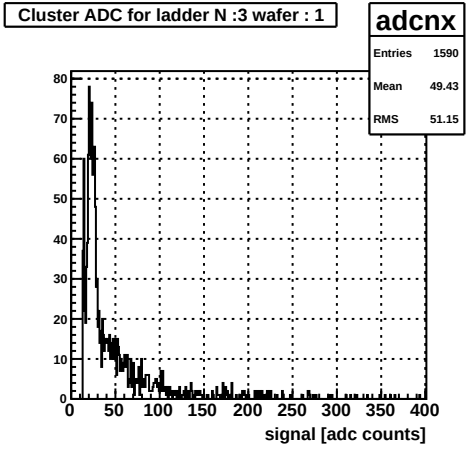

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

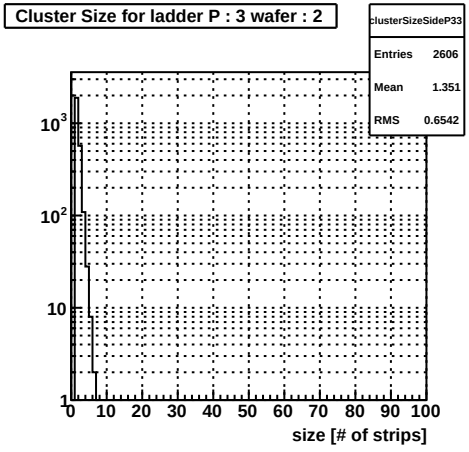

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 9777
Mean 1.134
RMS 0.4444
size [# of strips]

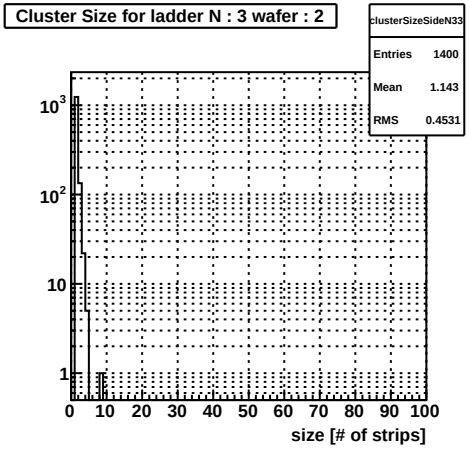

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1590
Mean 1.372
RMS 0.7232
size [# of strips]

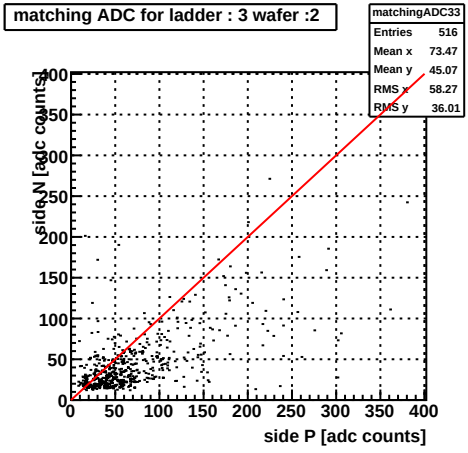

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 761
Mean x 86.04
Mean y 62.63
RMS x 70.68
RMS y 54.07
side N [adc counts]
side P [adc counts]

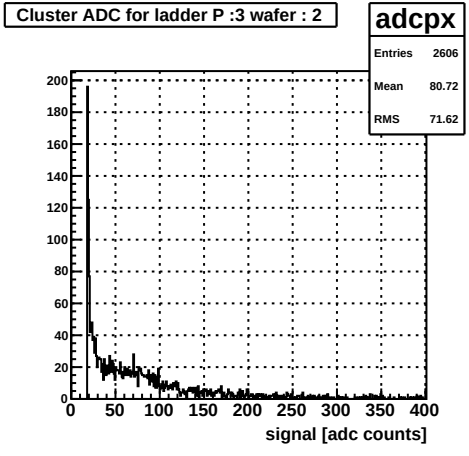

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 9777
Mean 40.87
RMS 48.27
signal [adc counts]

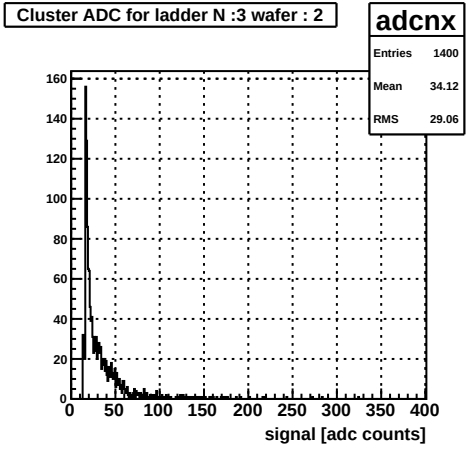

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1590
Mean 49.43
RMS 51.15
signal [adc counts]

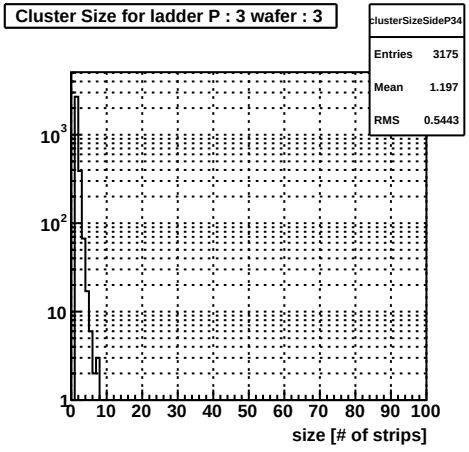

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2606
Mean 1.351
RMS 0.6542
size [# of strips]

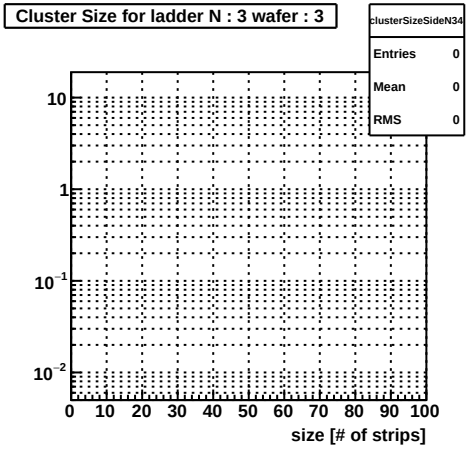

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1400
Mean 1.143
RMS 0.4531
size [# of strips]

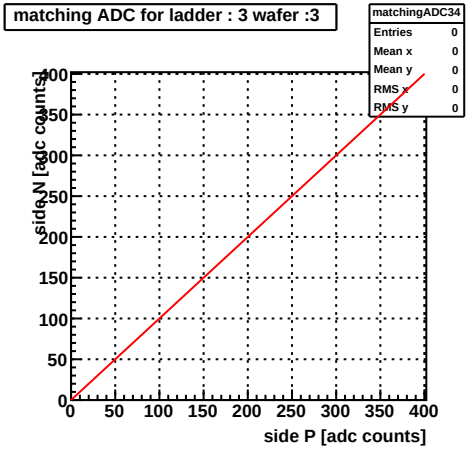

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 516
Mean x 73.47
Mean y 45.07
RMS x 58.27
RMS y 36.01
side N [adc counts]
side P [adc counts]

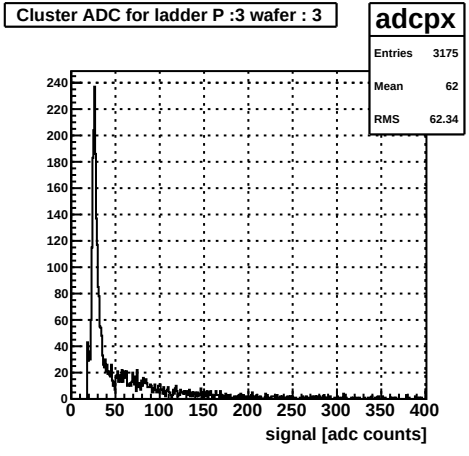

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2606
Mean 80.72
RMS 71.62
signal [adc counts]

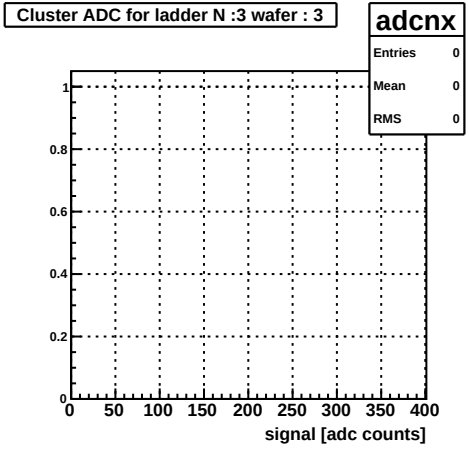

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1400
Mean 34.12
RMS 29.06
signal [adc counts]

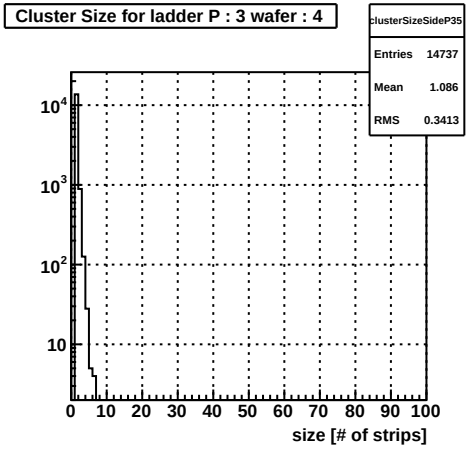

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3175
Mean 1.197
RMS 0.5443
size [# of strips]

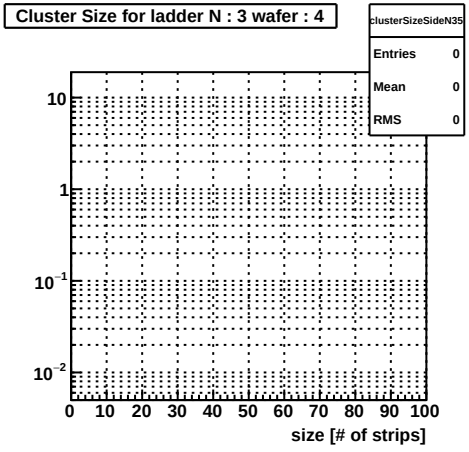

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

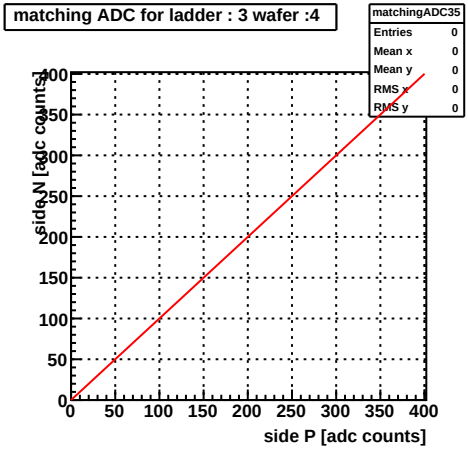

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

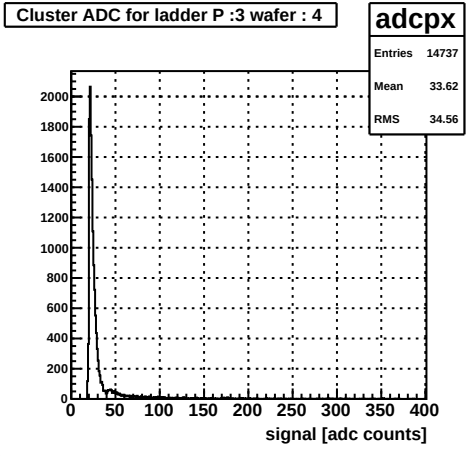

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3175
Mean 62
RMS 62.34
signal [adc counts]

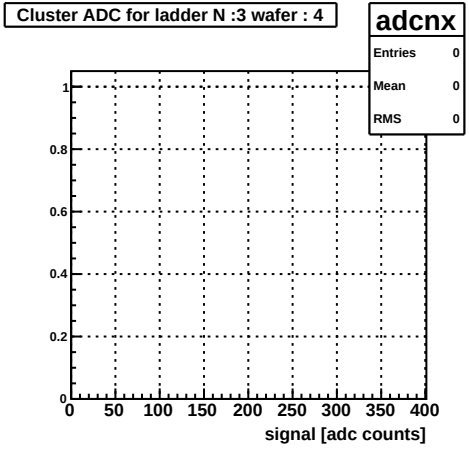

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

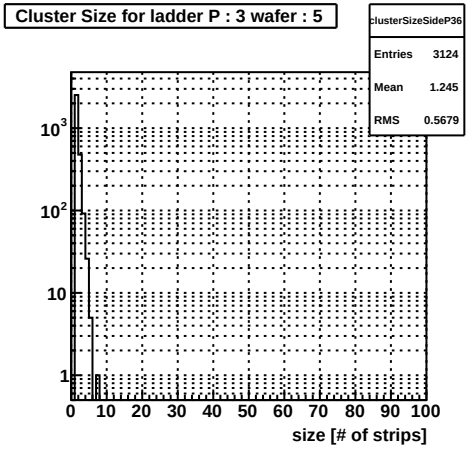

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14737
Mean 1.086
RMS 0.3413
size [# of strips]

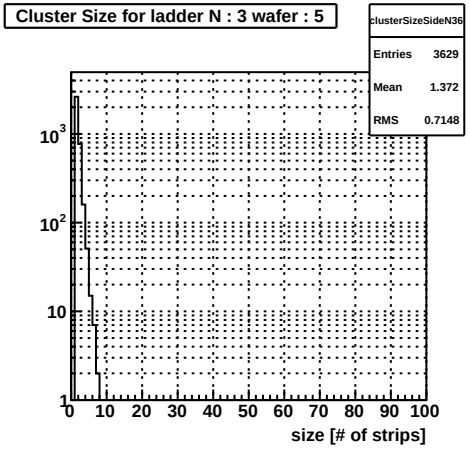

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

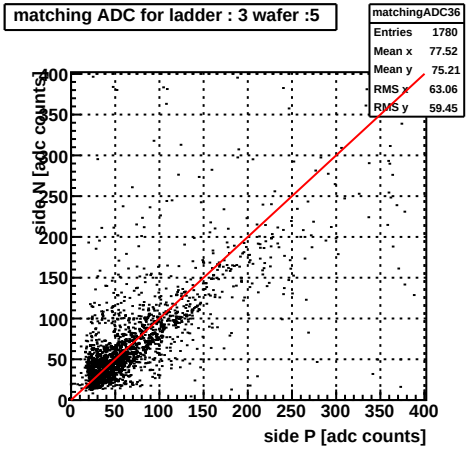

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

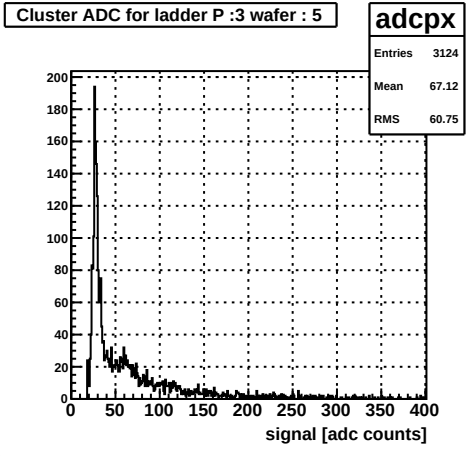

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14737
Mean 33.62
RMS 34.56
signal [adc counts]

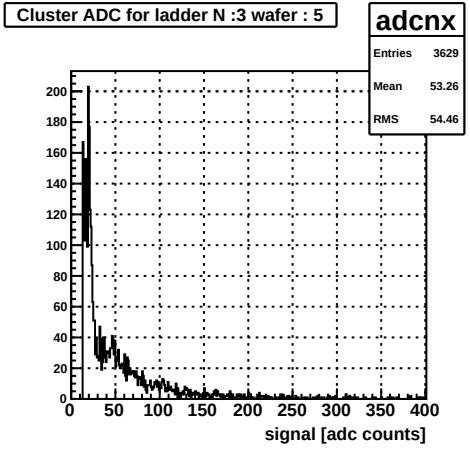

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

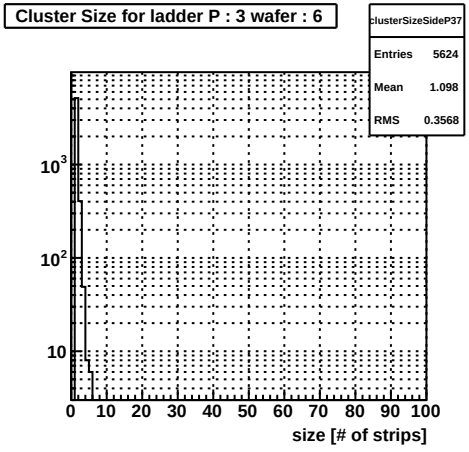

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3124
Mean 1.245
RMS 0.5679
size [# of strips]

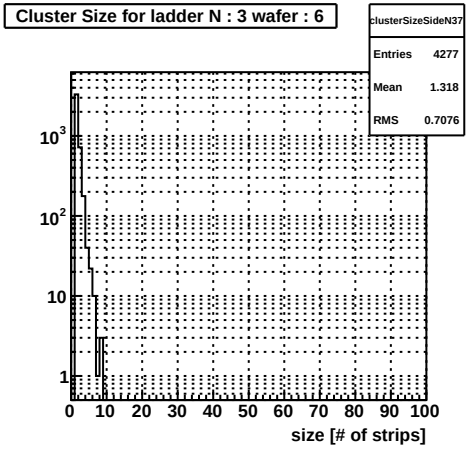

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3629
Mean 1.372
RMS 0.7148
size [# of strips]

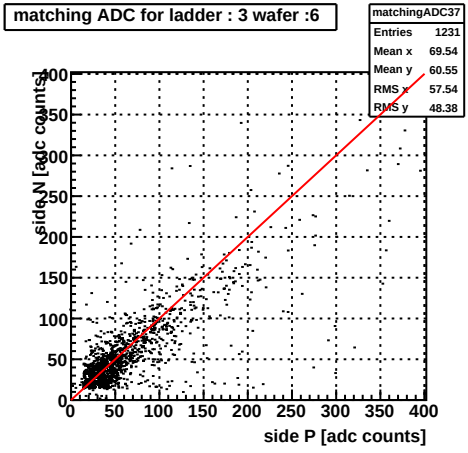

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1780
Mean x 77.52
Mean y 75.21
RMS x 63.06
RMS y 59.45
side N [adc counts]
side P [adc counts]

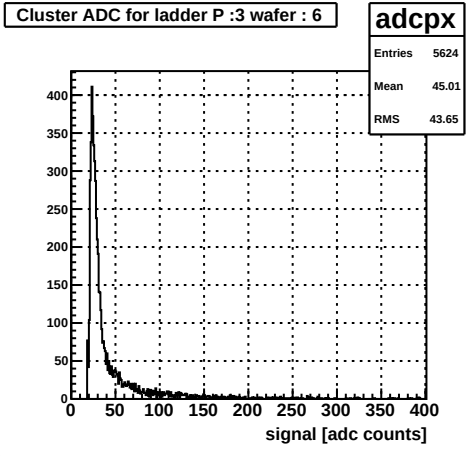

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3124
Mean 67.12
RMS 60.75
signal [adc counts]

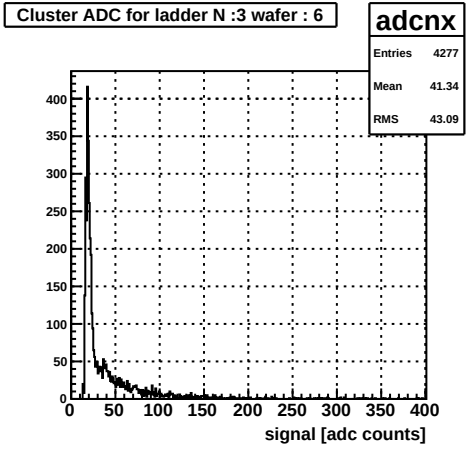

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3629
Mean 53.26
RMS 54.46
signal [adc counts]

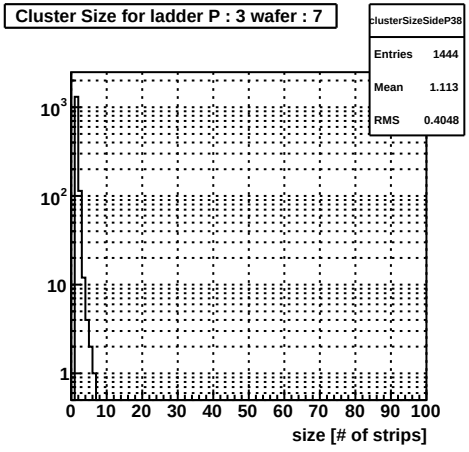

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5624
Mean 1.098
RMS 0.3568
size [# of strips]

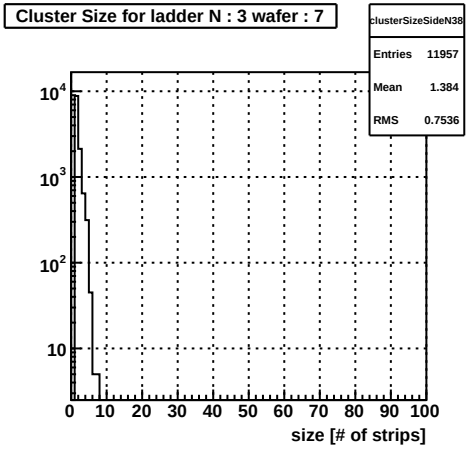

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4277
Mean 1.318
RMS 0.7076
size [# of strips]

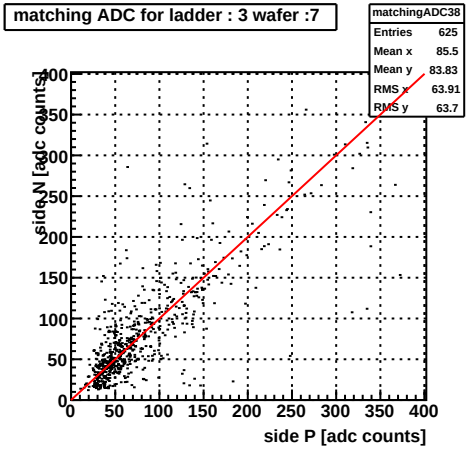

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1231
Mean x 69.54
Mean y 60.55
RMS x 57.54
RMS y 48.38
side N [adc counts]
side P [adc counts]

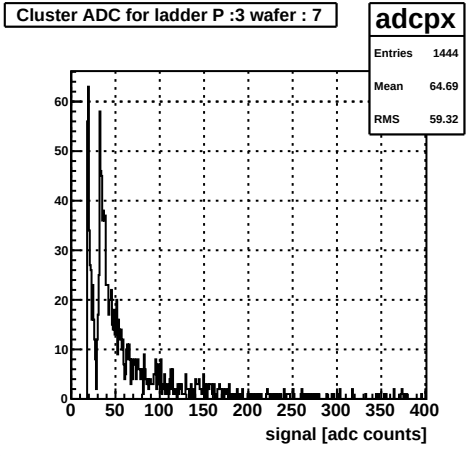

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5624
Mean 45.01
RMS 43.65
signal [adc counts]

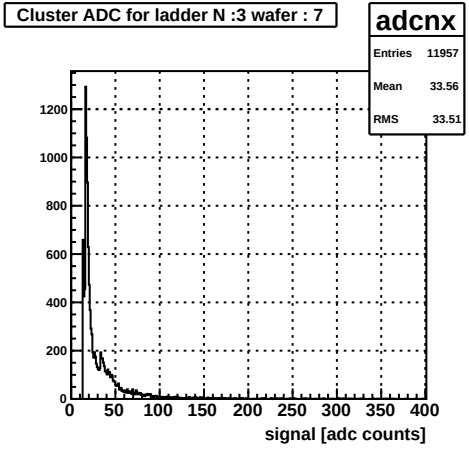

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4277
Mean 41.34
RMS 43.09
signal [adc counts]

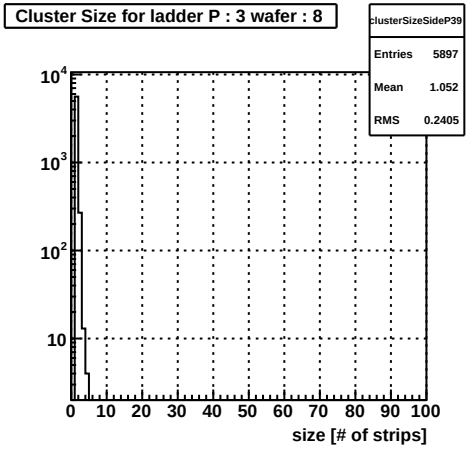

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1444
Mean 1.113
RMS 0.4048
size [# of strips]

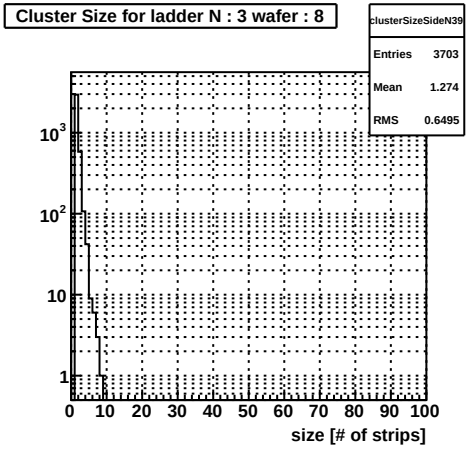

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11957
Mean 1.384
RMS 0.7536
size [# of strips]

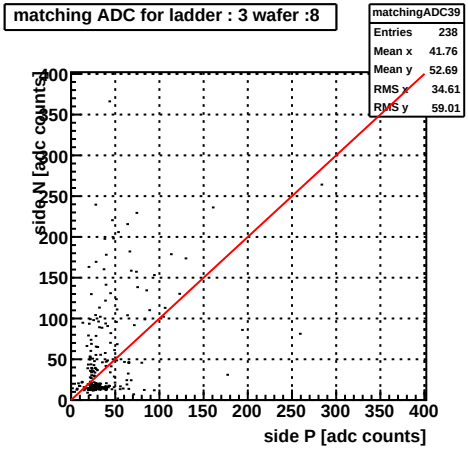

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 625
Mean x 85.5
Mean y 83.83
RMS x 63.91
RMS y 63.7
side N [adc counts]
side P [adc counts]

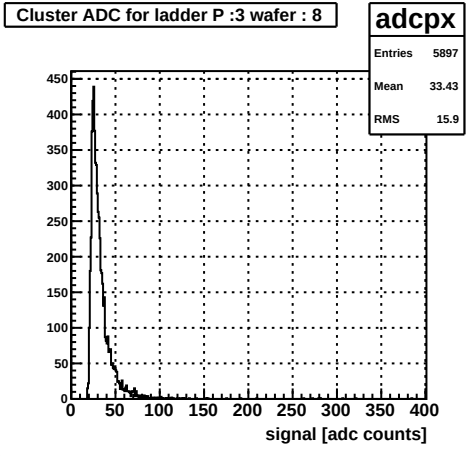

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1444
Mean 64.69
RMS 59.32
signal [adc counts]

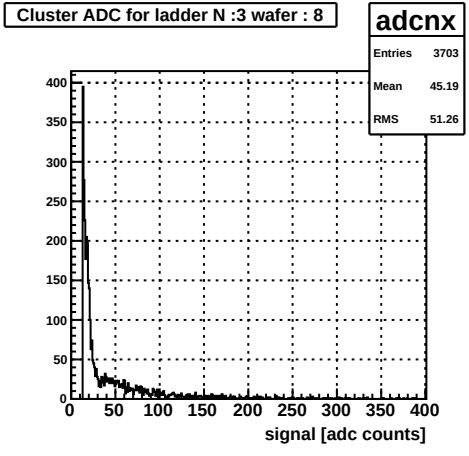

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11957
Mean 33.56
RMS 33.51
signal [adc counts]

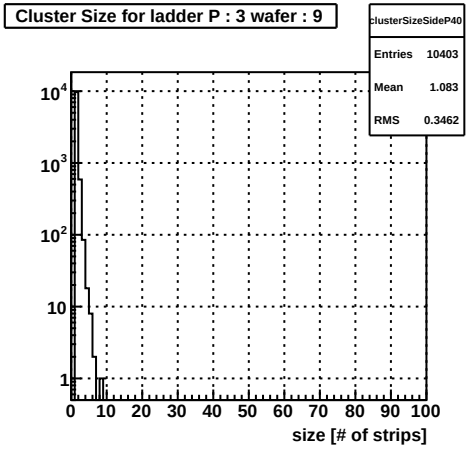

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5897
Mean 1.052
RMS 0.2405
size [# of strips]

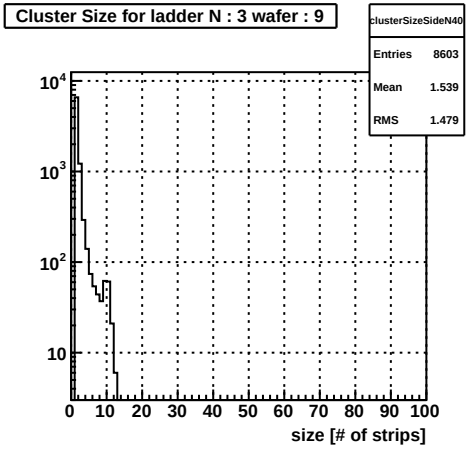

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3703
Mean 1.274
RMS 0.6495
size [# of strips]

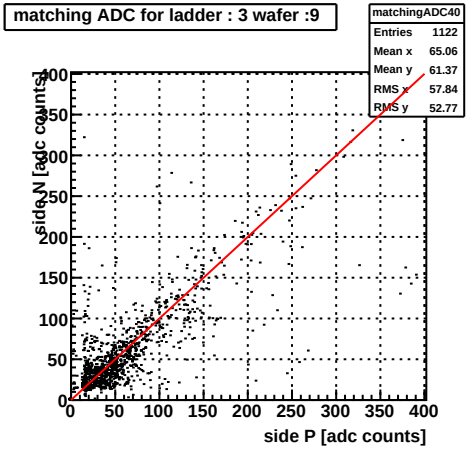

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 238
Mean x 41.76
Mean y 52.69
RMS x 34.61
RMS y 59.01
side N [adc counts]
side P [adc counts]

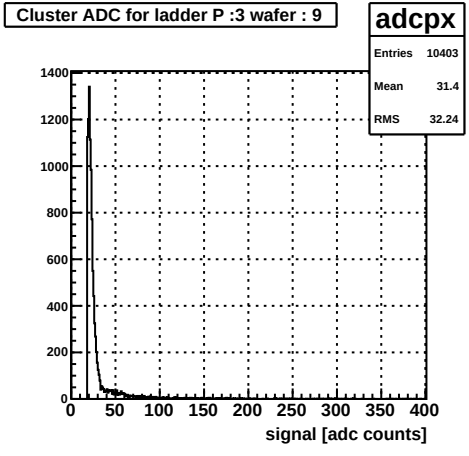

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5897
Mean 33.43
RMS 15.9
signal [adc counts]

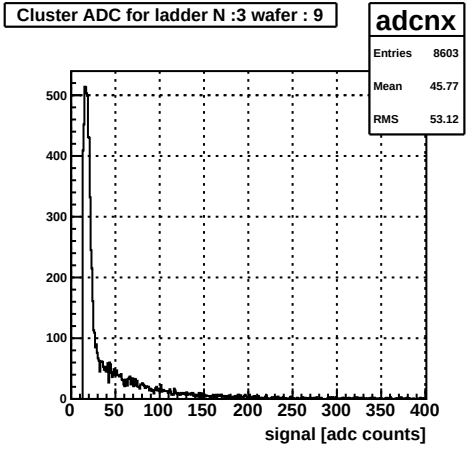

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3703
Mean 45.19
RMS 51.26
signal [adc counts]

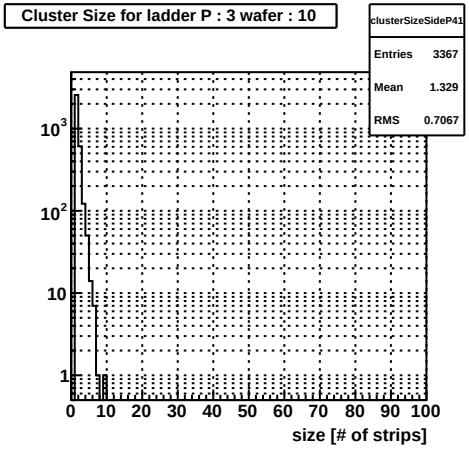

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10403
Mean 1.083
RMS 0.3462
size [# of strips]

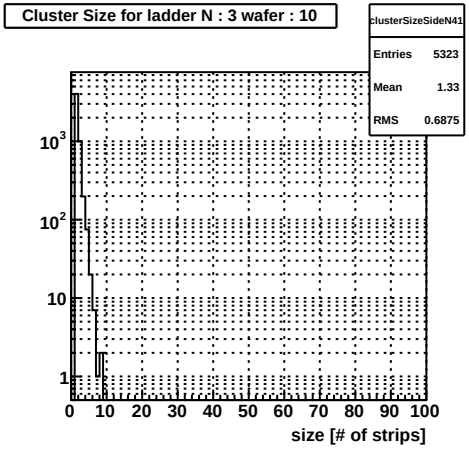

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8603
Mean 1.539
RMS 1.479
size [# of strips]

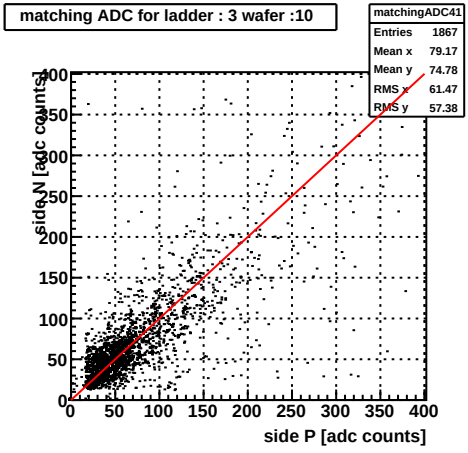

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1122
Mean x 65.06
Mean y 61.37
RMS x 57.84
RMS y 52.77
side N [adc counts]
side P [adc counts]

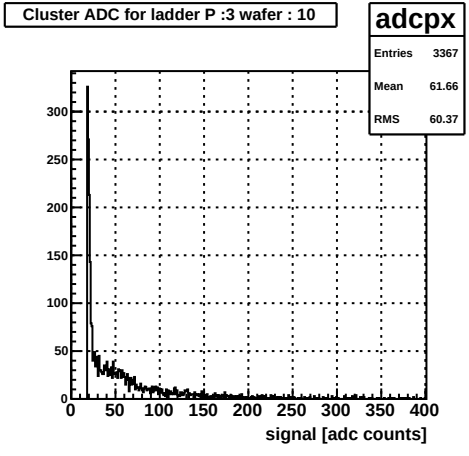

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10403
Mean 31.4
RMS 32.24
signal [adc counts]

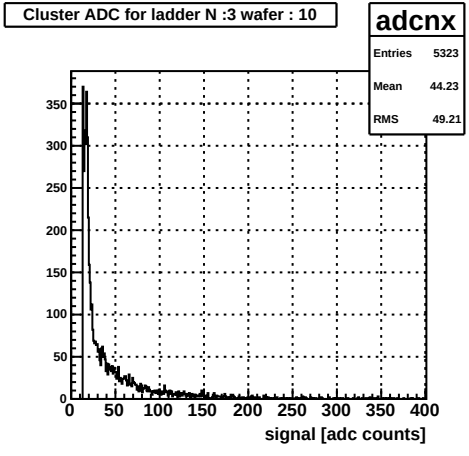

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8603
Mean 45.77
RMS 53.12
signal [adc counts]

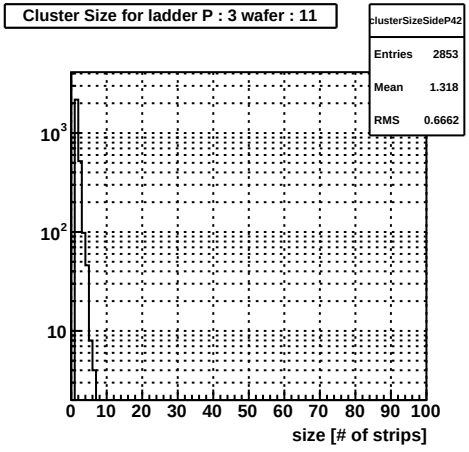

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3367
Mean 1.329
RMS 0.7067
size [# of strips]

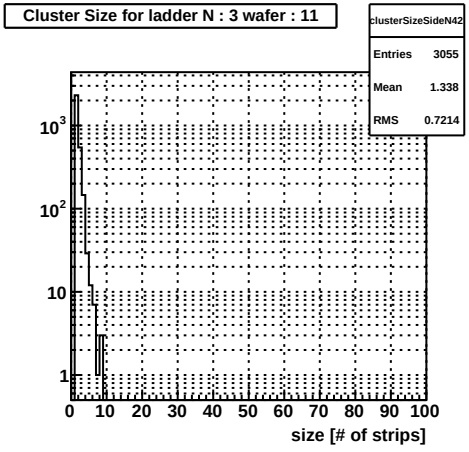

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5323
Mean 1.33
RMS 0.6875
size [# of strips]

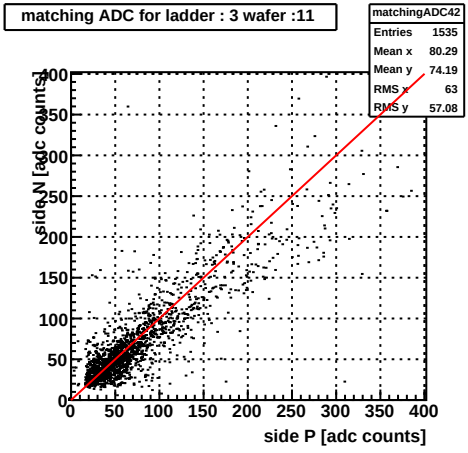

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1867
Mean x 79.17
Mean y 74.78
RMS x 61.47
RMS y 57.38
side N [adc counts]
side P [adc counts]

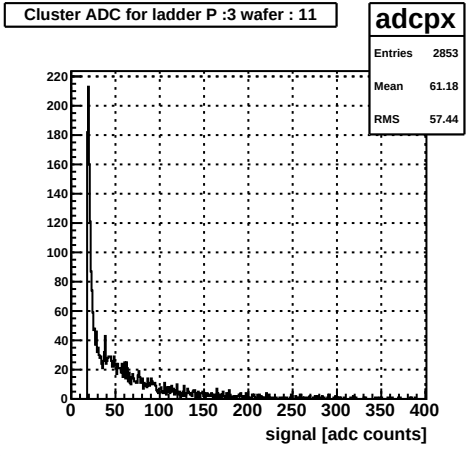

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3367
Mean 61.66
RMS 60.37
signal [adc counts]

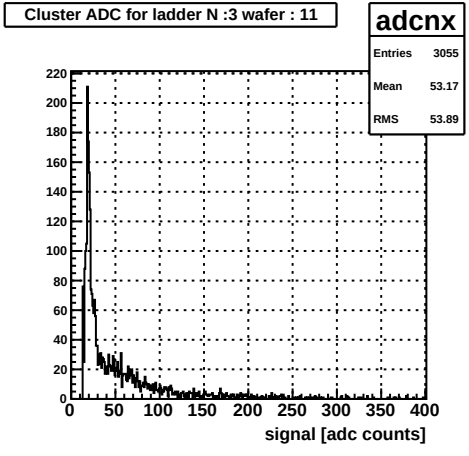

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5323
Mean 44.23
RMS 49.21
signal [adc counts]

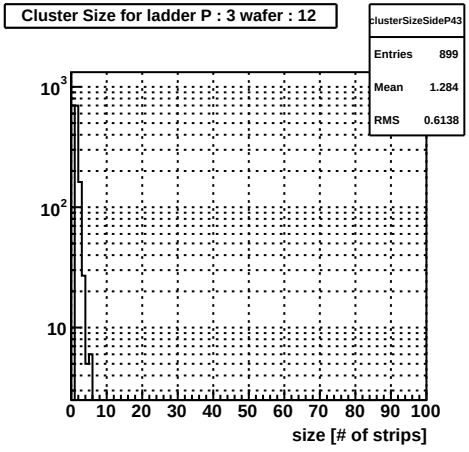

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2853
Mean 1.318
RMS 0.6662
size [# of strips]

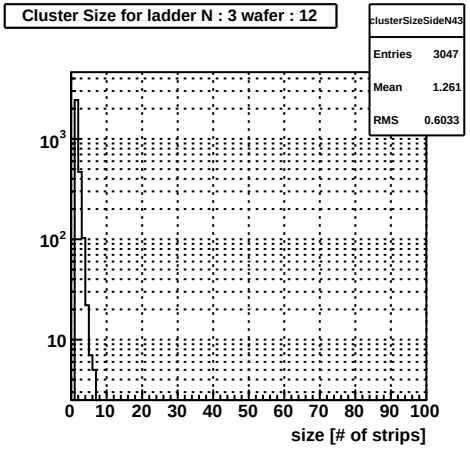

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3055
Mean 1.338
RMS 0.7214
size [# of strips]

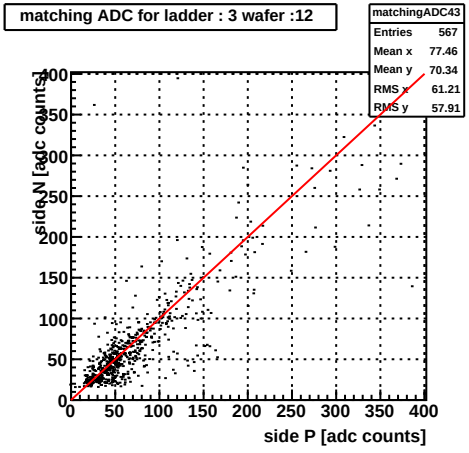

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1535
Mean x 80.29
Mean y 74.19
RMS x 63
RMS y 57.08
side N [adc counts]
side P [adc counts]

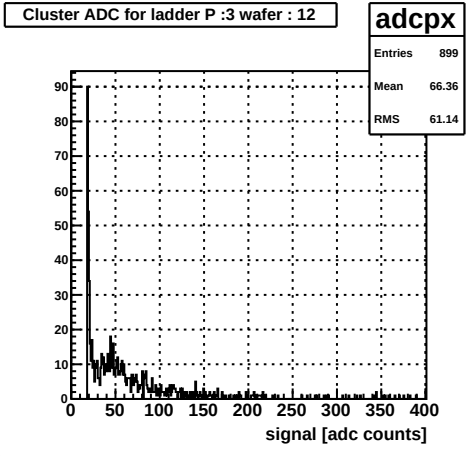

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2853
Mean 61.18
RMS 57.44
signal [adc counts]

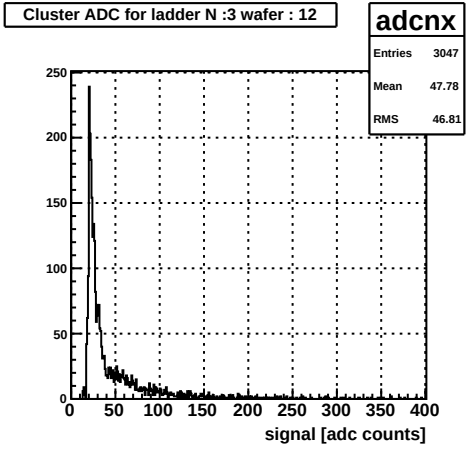

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3055
Mean 53.17
RMS 53.89
signal [adc counts]

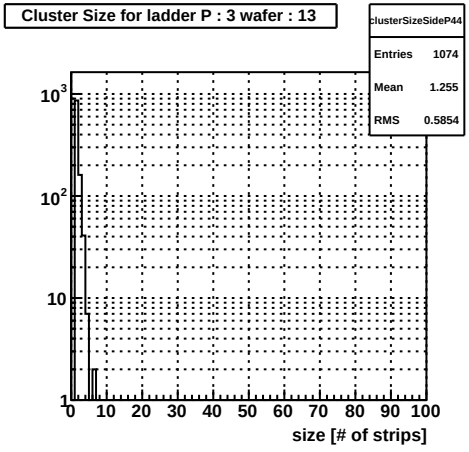

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 899
Mean 1.284
RMS 0.6138
size [# of strips]

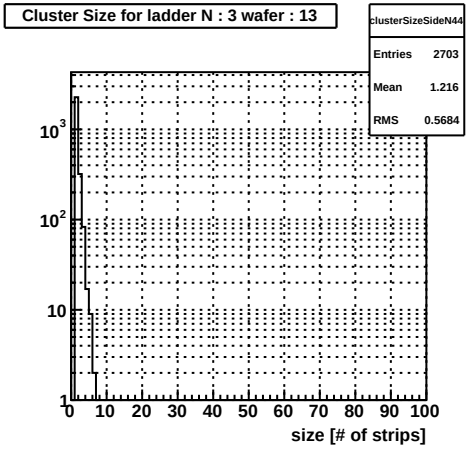

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3047
Mean 1.261
RMS 0.6033
size [# of strips]

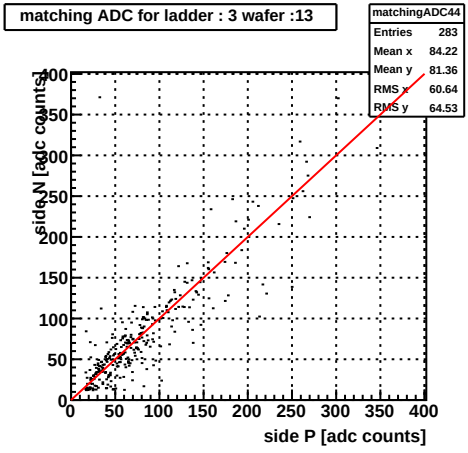

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 567
Mean x 77.46
Mean y 70.34
RMS x 61.21
RMS y 57.91
side N [adc counts]
side P [adc counts]

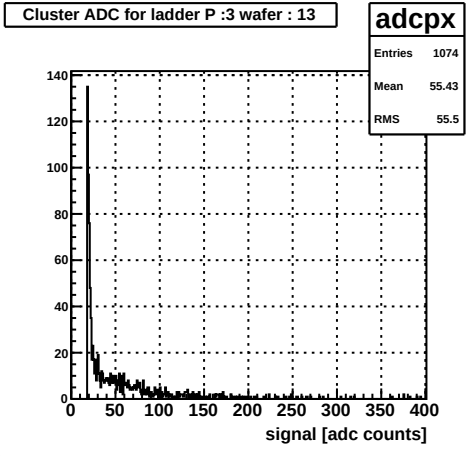

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 899
Mean 66.36
RMS 61.14
signal [adc counts]

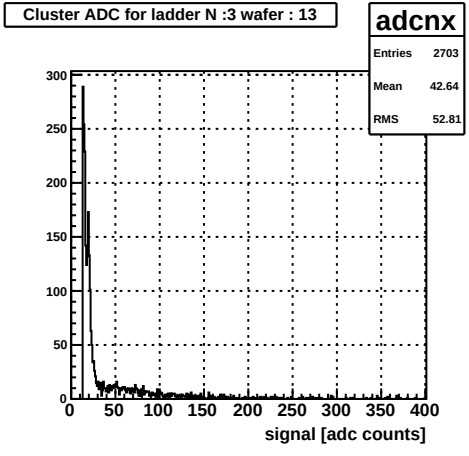

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3047
Mean 47.78
RMS 46.81
signal [adc counts]

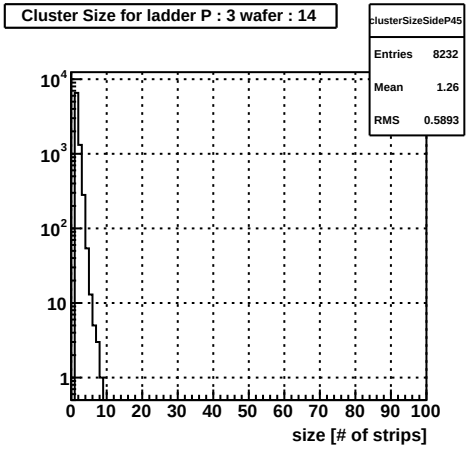

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1074
Mean 1.255
RMS 0.5854
size [# of strips]

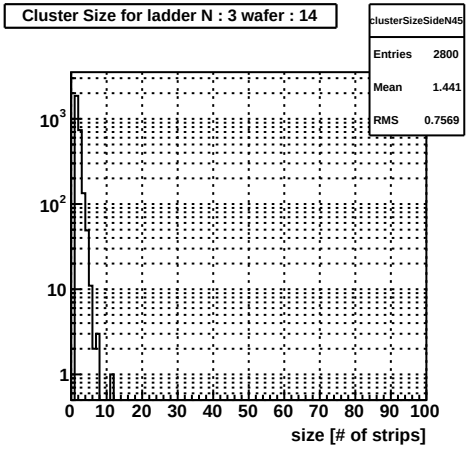

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2703
Mean 1.216
RMS 0.5684
size [# of strips]

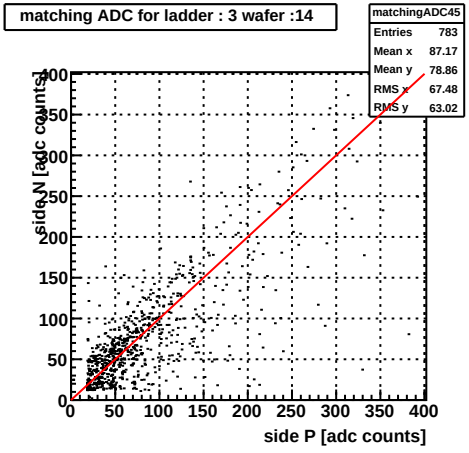

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 283
Mean x 84.22
Mean y 81.36
RMS x 60.64
RMS y 64.53
side N [adc counts]
side P [adc counts]

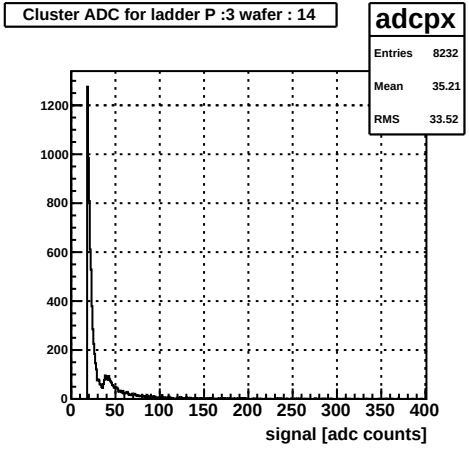

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1074
Mean 55.43
RMS 55.5
signal [adc counts]

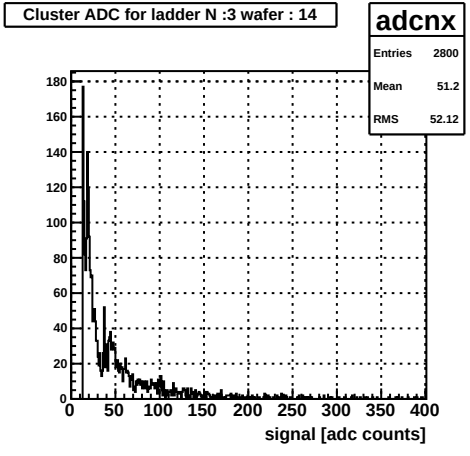

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2703
Mean 42.64
RMS 52.81
signal [adc counts]

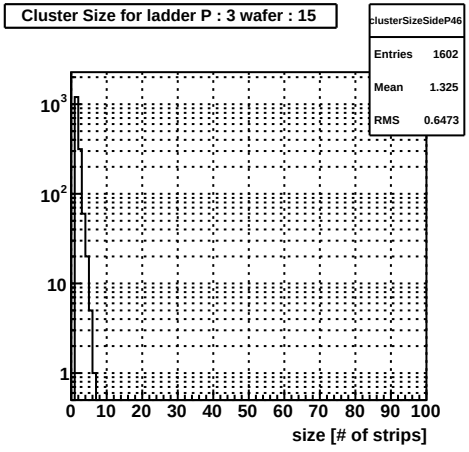

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8232
Mean 1.26
RMS 0.5893
size [# of strips]

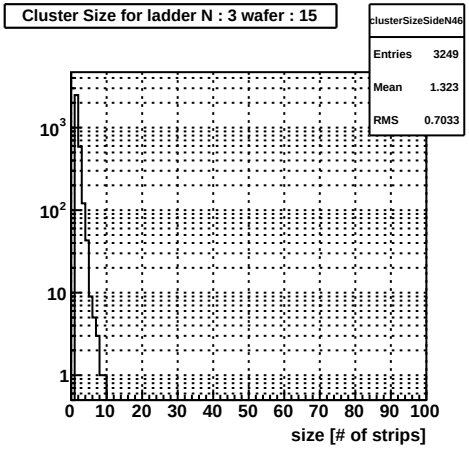

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2800
Mean 1.441
RMS 0.7569
size [# of strips]

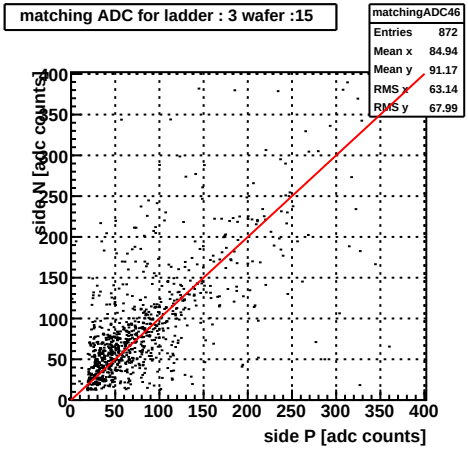

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 783
Mean x 87.17
Mean y 78.86
RMS x 67.48
RMS y 63.02
side N [adc counts]
side P [adc counts]

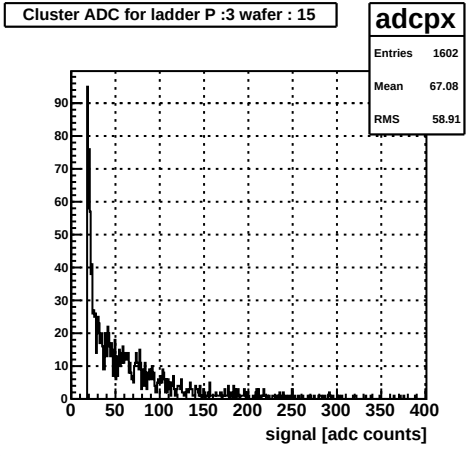

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8232
Mean 35.21
RMS 33.52
signal [adc counts]

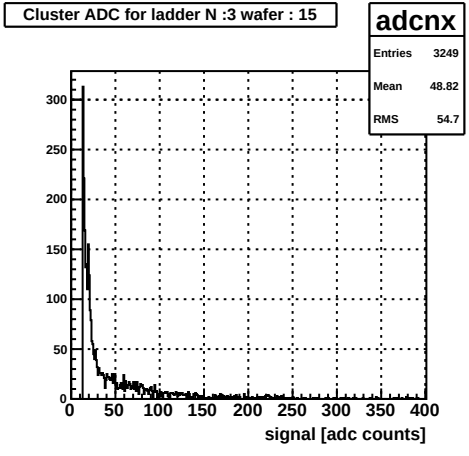

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2800
Mean 51.2
RMS 52.12
signal [adc counts]

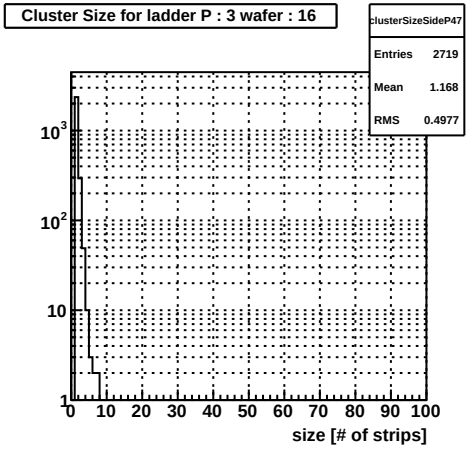

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1602
Mean 1.325
RMS 0.6473
size [# of strips]

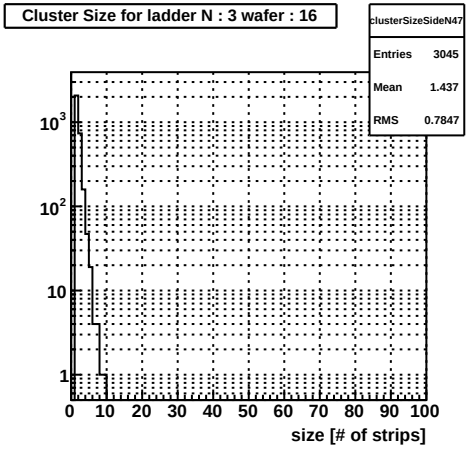

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3249
Mean 1.323
RMS 0.7033
size [# of strips]

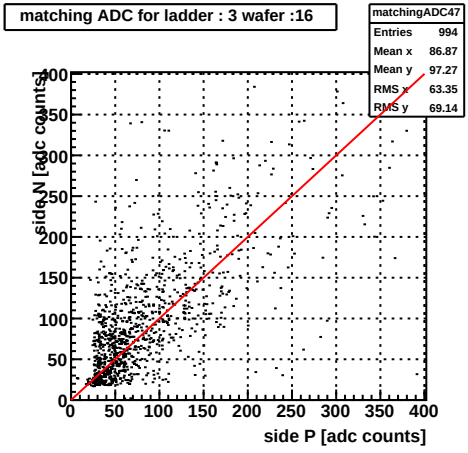

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 872
Mean x 84.94
Mean y 91.17
RMS x 63.14
RMS y 67.99
side N [adc counts]
side P [adc counts]

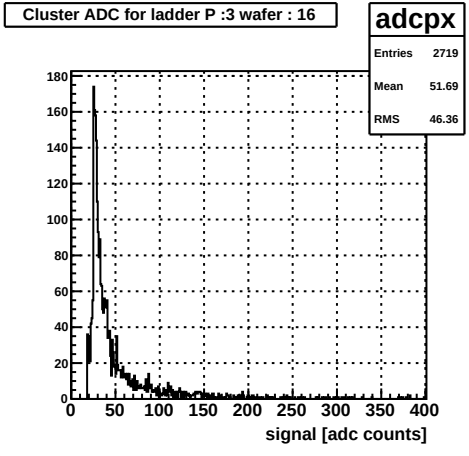

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1602
Mean 67.08
RMS 58.91
signal [adc counts]

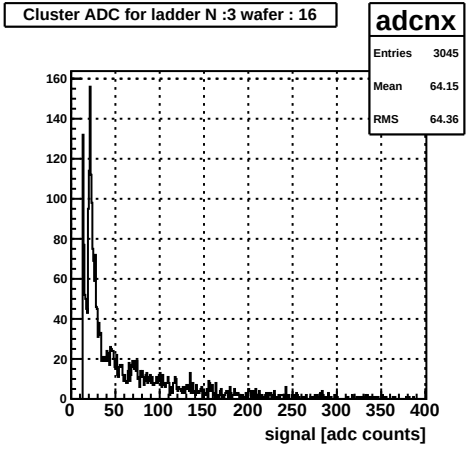

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3249
Mean 48.82
RMS 54.7
signal [adc counts]

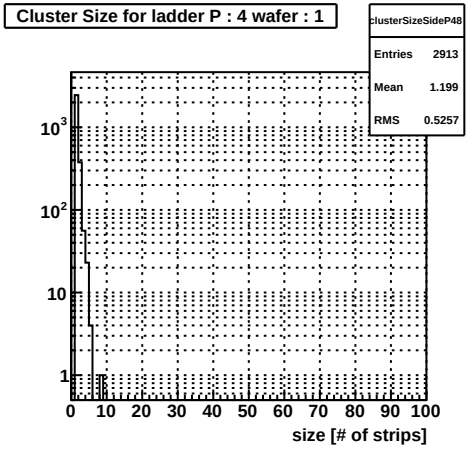

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2719
Mean 1.168
RMS 0.4977
size [# of strips]

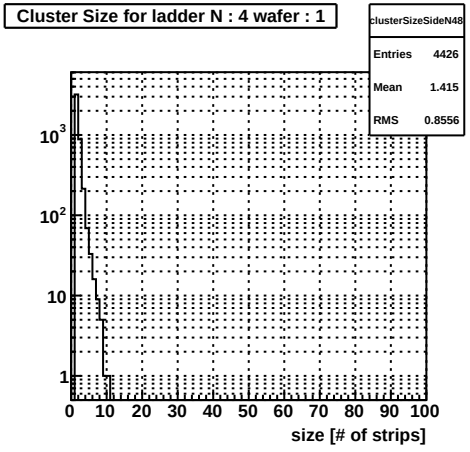

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3045
Mean 1.437
RMS 0.7847
size [# of strips]

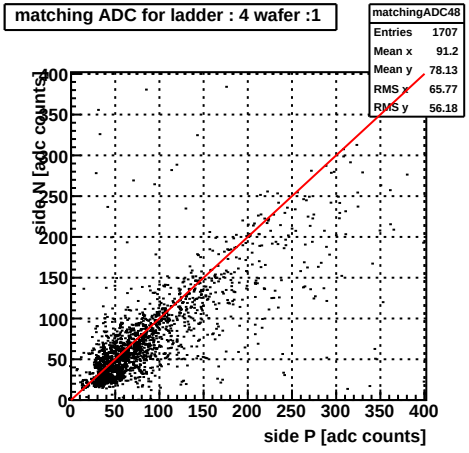

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 994
Mean x 86.87
Mean y 97.27
RMS x 63.35
RMS y 69.14
side N [adc counts]
side P [adc counts]

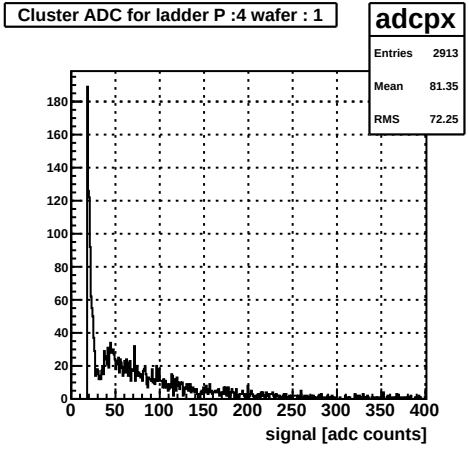

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2719
Mean 51.69
RMS 46.36
signal [adc counts]

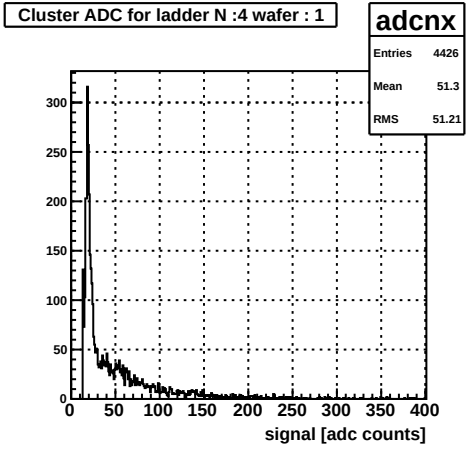

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3045
Mean 64.15
RMS 64.36
signal [adc counts]

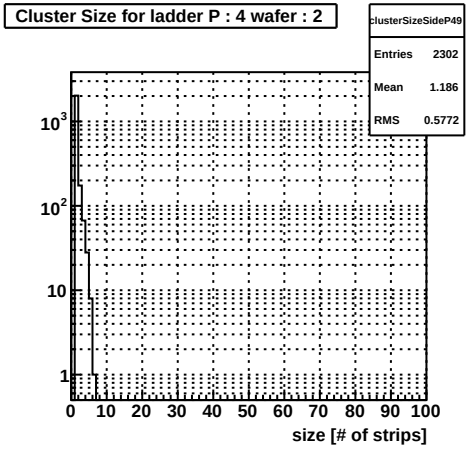

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2913
Mean 1.199
RMS 0.5257
size [# of strips]

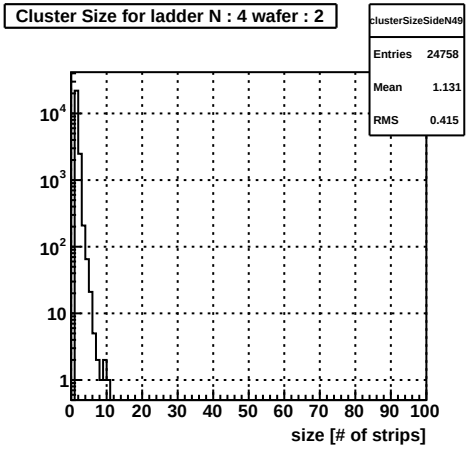

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4426
Mean 1.415
RMS 0.8556
size [# of strips]

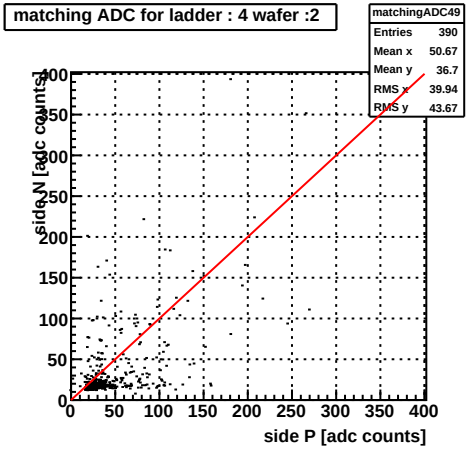

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1707
Mean x 91.2
Mean y 78.13
RMS x 65.77
RMS y 56.18
side N [adc counts]
side P [adc counts]

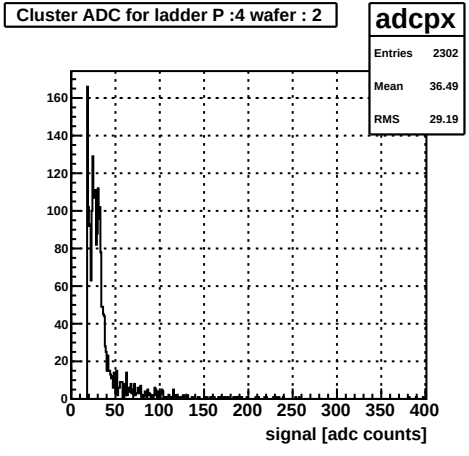

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2913
Mean 81.35
RMS 72.25
signal [adc counts]

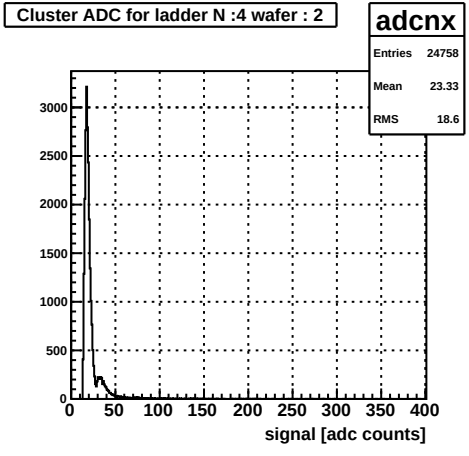

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4426
Mean 51.3
RMS 51.21
signal [adc counts]

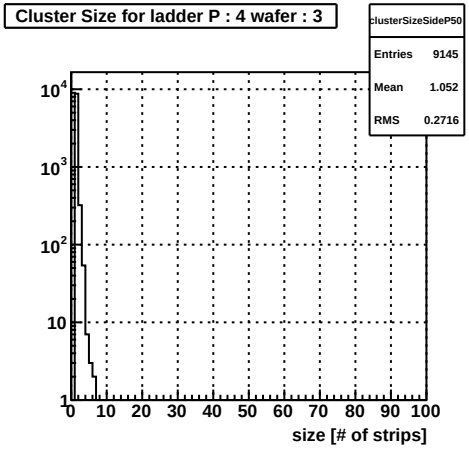

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2302
Mean 1.186
RMS 0.5772
size [# of strips]

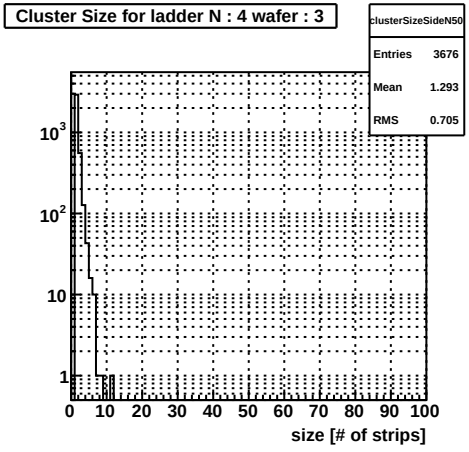

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 24758
Mean 1.131
RMS 0.415
size [# of strips]

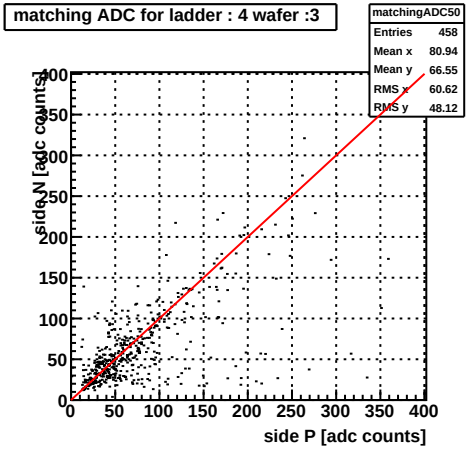

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 390
Mean x 50.67
Mean y 36.7
RMS x 39.94
RMS y 43.67
side N [adc counts]
side P [adc counts]

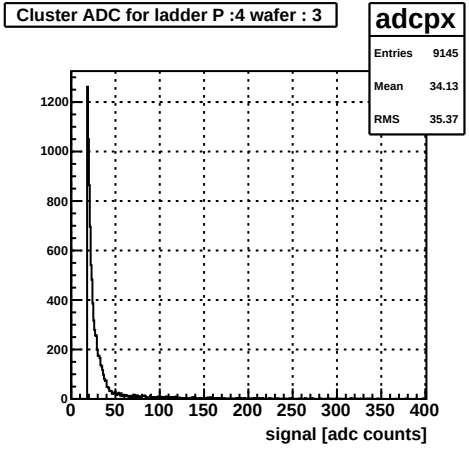

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2302
Mean 36.49
RMS 29.19
signal [adc counts]

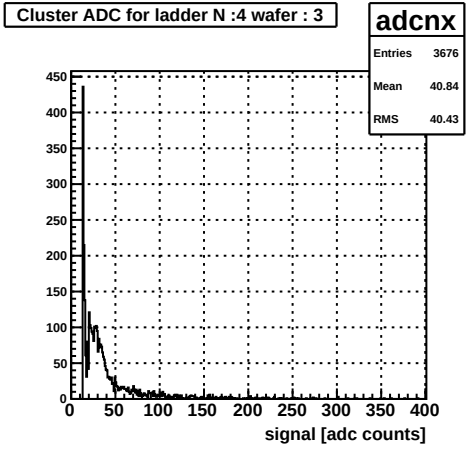

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 24758
Mean 23.33
RMS 18.6
signal [adc counts]

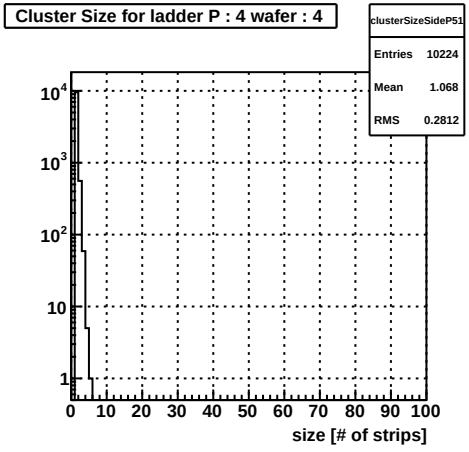

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9145
Mean 1.052
RMS 0.2716
size [# of strips]

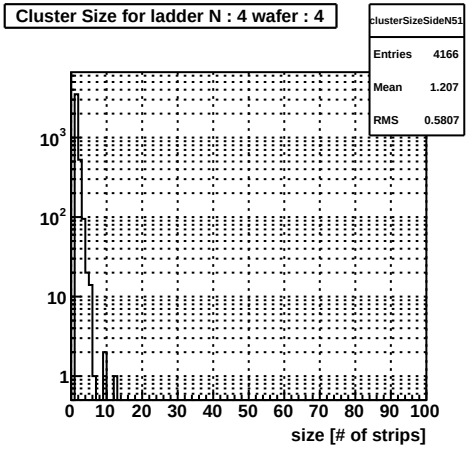

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3676
Mean 1.293
RMS 0.705
size [# of strips]

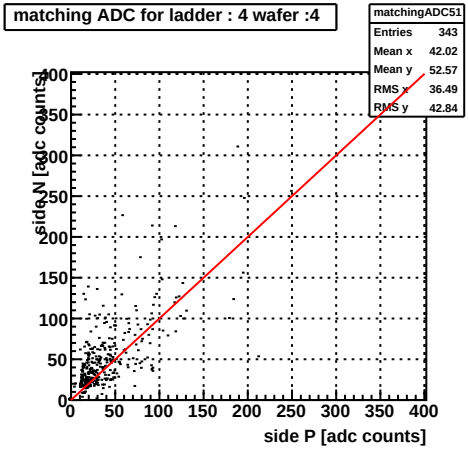

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 458
Mean x 80.94
Mean y 66.55
RMS x 60.62
RMS y 48.12
side N [adc counts]
side P [adc counts]

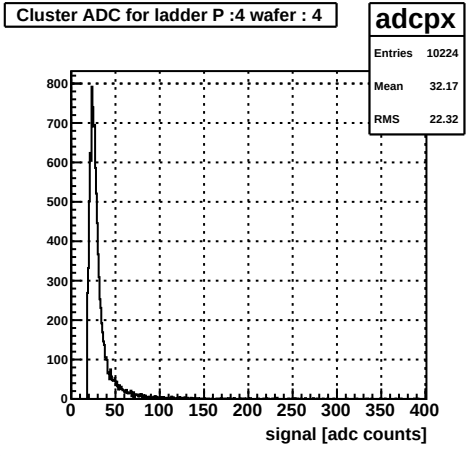

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9145
Mean 34.13
RMS 35.37
signal [adc counts]

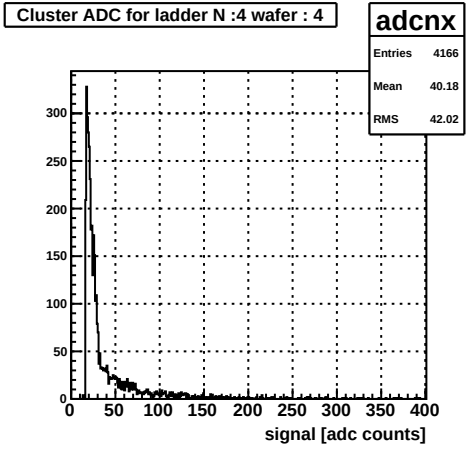

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3676
Mean 40.84
RMS 40.43
signal [adc counts]

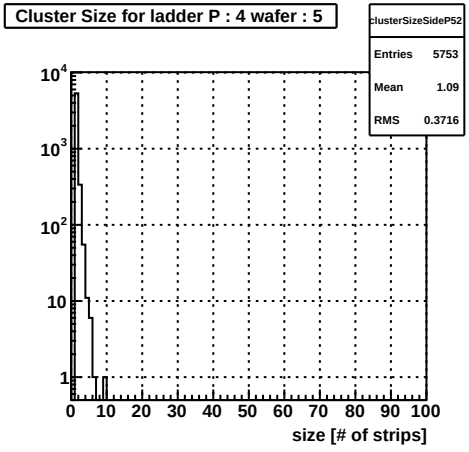

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10224
Mean 1.068
RMS 0.2812
size [# of strips]

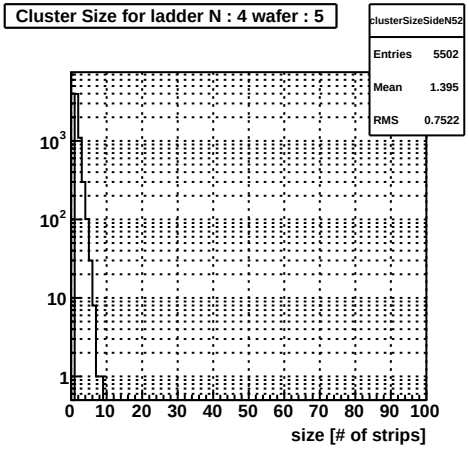

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4166
Mean 1.207
RMS 0.5807
size [# of strips]

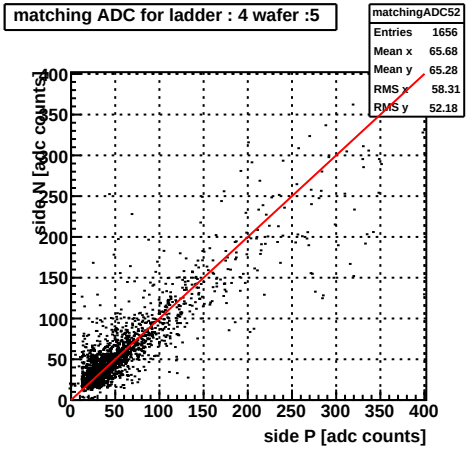

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 343
Mean x 42.02
Mean y 52.57
RMS x 36.49
RMS y 42.84
side N [adc counts]
side P [adc counts]

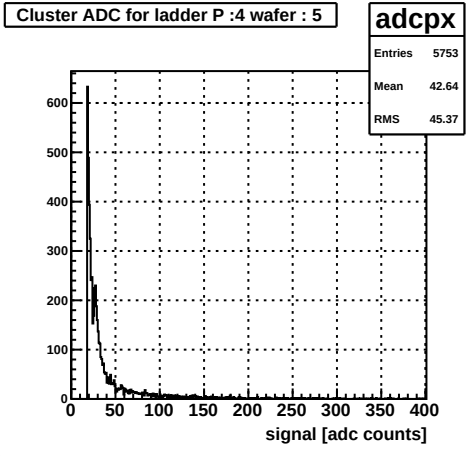

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10224
Mean 32.17
RMS 22.32
signal [adc counts]

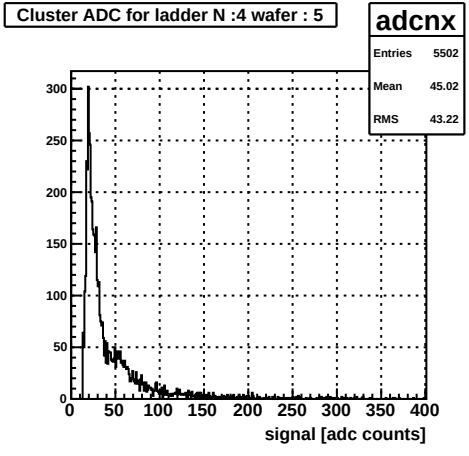

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4166
Mean 40.18
RMS 42.02
signal [adc counts]

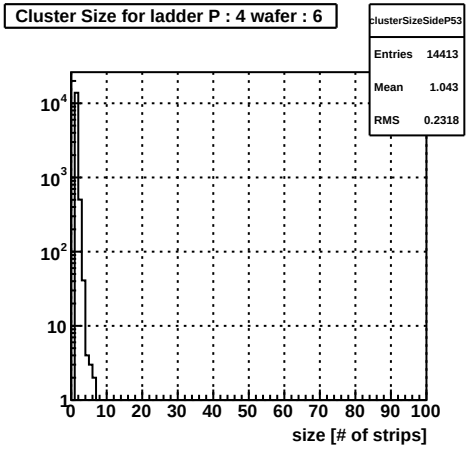

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5753
Mean 1.09
RMS 0.3716
size [# of strips]

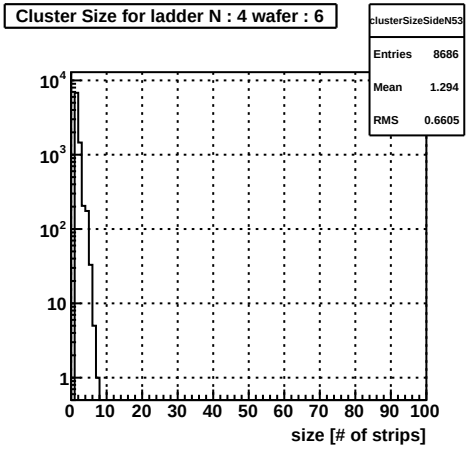

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5502
Mean 1.395
RMS 0.7522
size [# of strips]

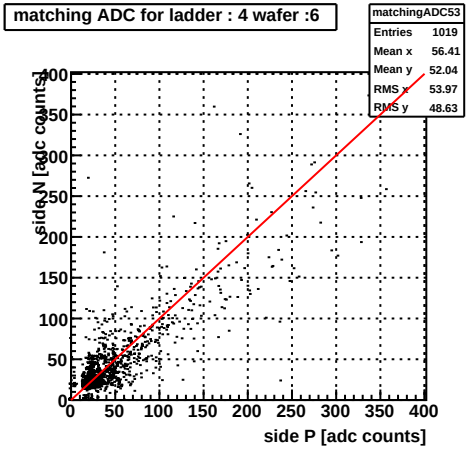

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1656
Mean x 65.68
Mean y 65.28
RMS x 58.31
RMS y 52.18
side N [adc counts]
side P [adc counts]

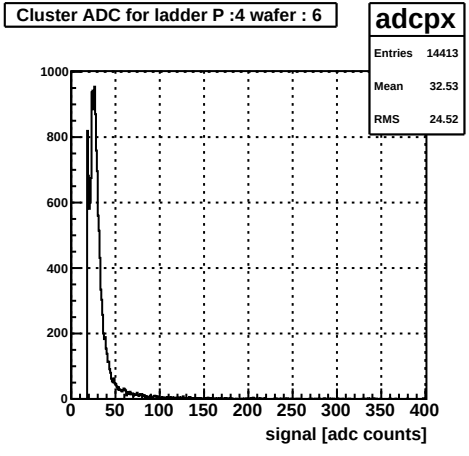

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5753
Mean 42.64
RMS 45.37
signal [adc counts]

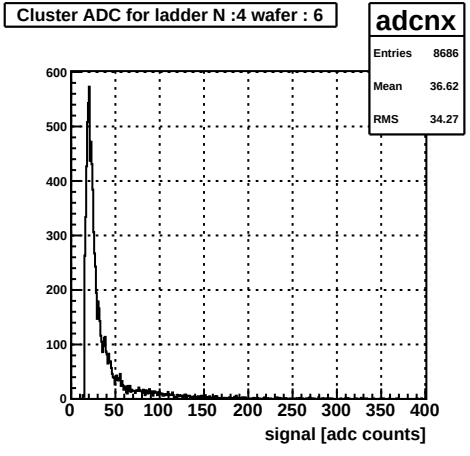

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5502
Mean 45.02
RMS 43.22
signal [adc counts]

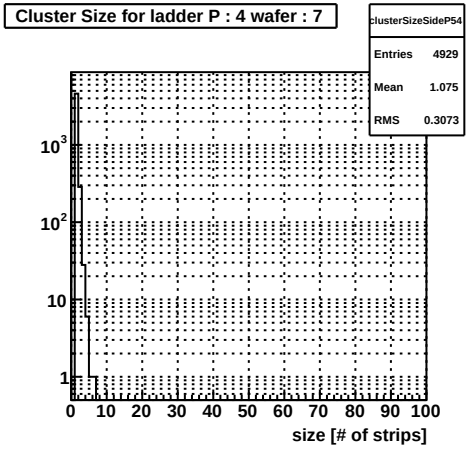

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 14413
Mean 1.043
RMS 0.2318
size [# of strips]

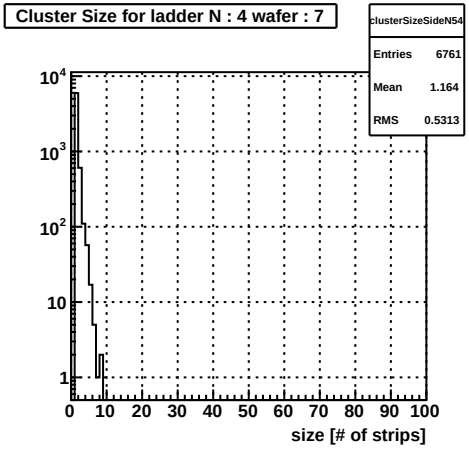

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8686
Mean 1.294
RMS 0.6605
size [# of strips]

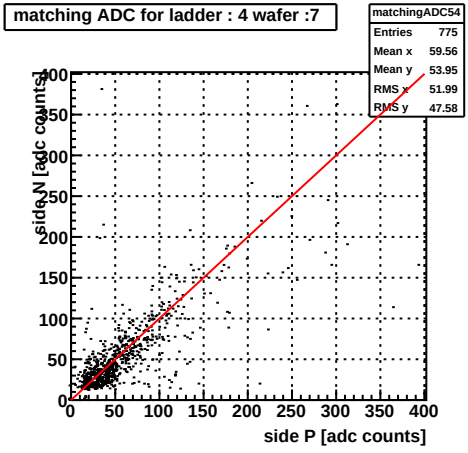

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1019
Mean x 56.41
Mean y 52.04
RMS x 53.97
RMS y 48.63
side N [adc counts]
side P [adc counts]

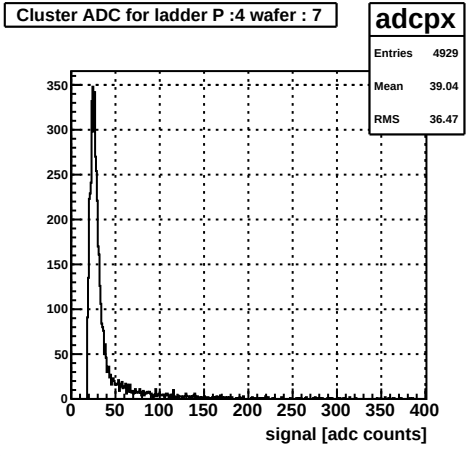

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 14413
Mean 32.53
RMS 24.52
signal [adc counts]

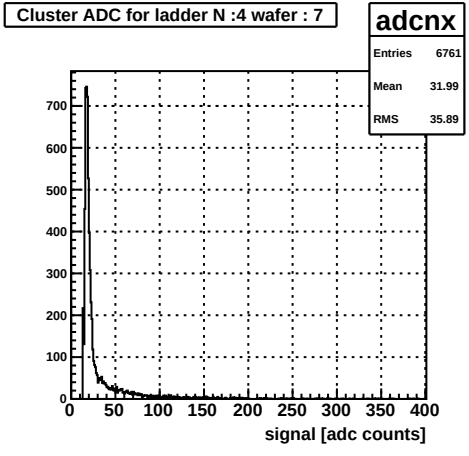

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8686
Mean 36.62
RMS 34.27
signal [adc counts]

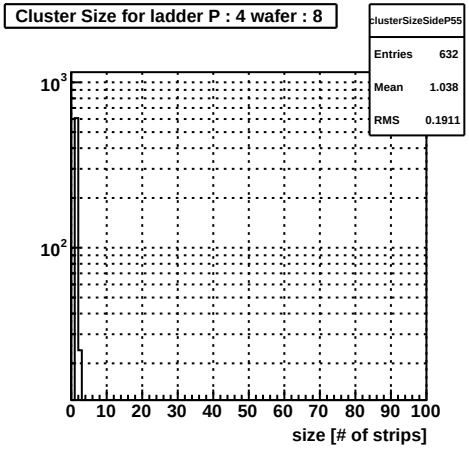

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4929
Mean 1.075
RMS 0.3073
size [# of strips]

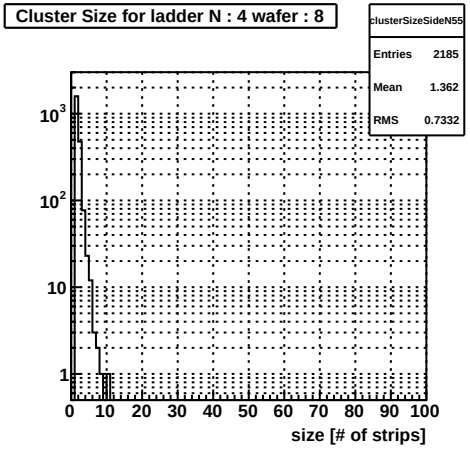

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6761
Mean 1.164
RMS 0.5313
size [# of strips]

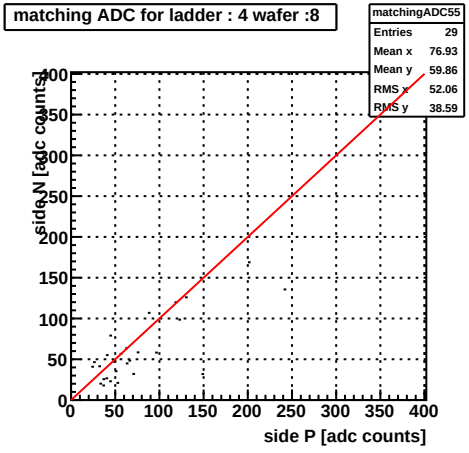

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 775
Mean x 59.56
Mean y 53.95
RMS x 51.99
RMS y 47.58
side N [adc counts]
side P [adc counts]

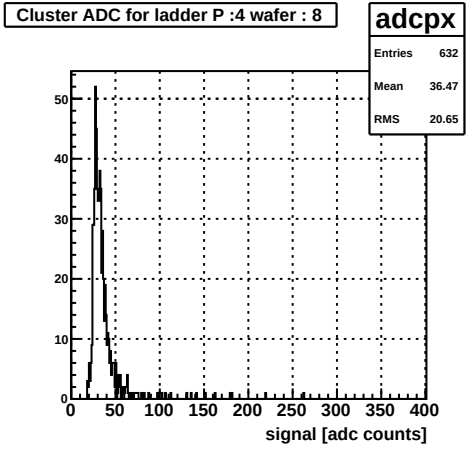

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4929
Mean 39.04
RMS 36.47
signal [adc counts]

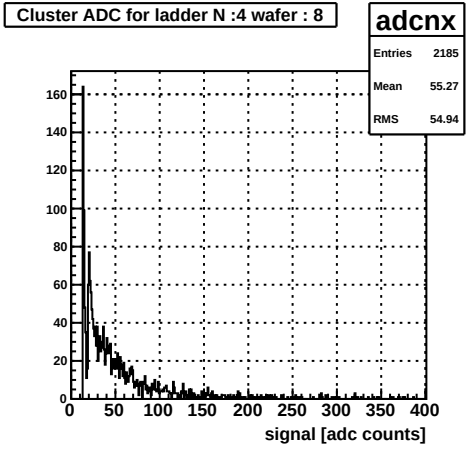

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6761
Mean 31.99
RMS 35.89
signal [adc counts]

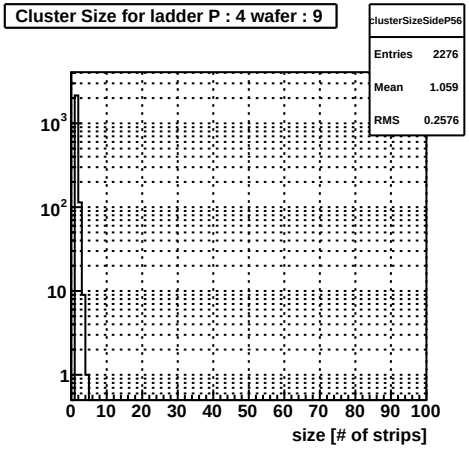

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 632
Mean 1.038
RMS 0.1911
size [# of strips]

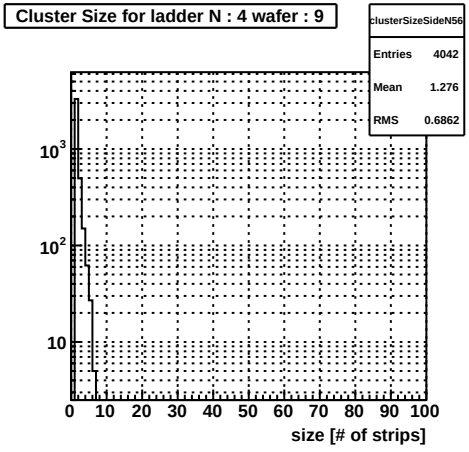

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2185
Mean 1.362
RMS 0.7332
size [# of strips]

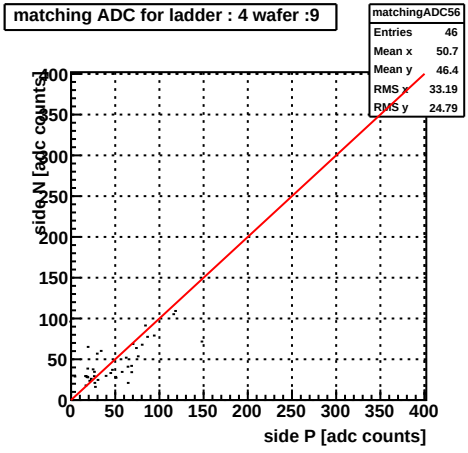

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 29
Mean x 76.93
Mean y 59.86
RMS x 52.06
RMS y 38.59
side N [adc counts]
side P [adc counts]

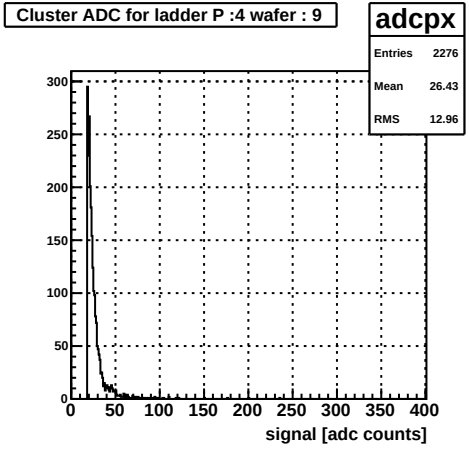

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 632
Mean 36.47
RMS 20.65
signal [adc counts]

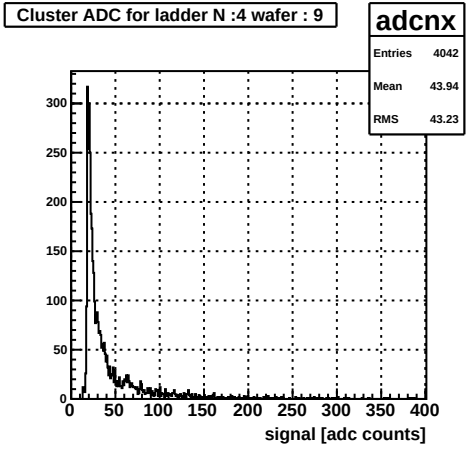

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2185
Mean 55.27
RMS 54.94
signal [adc counts]

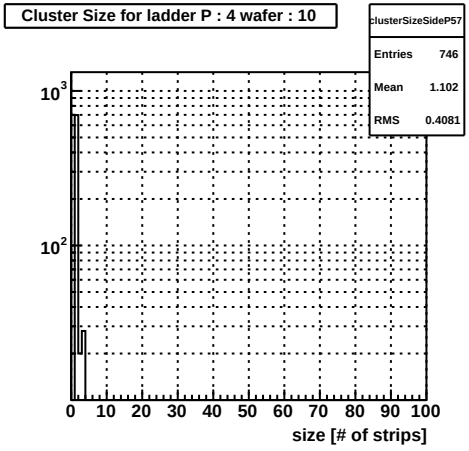

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2276
Mean 1.059
RMS 0.2576
size [# of strips]

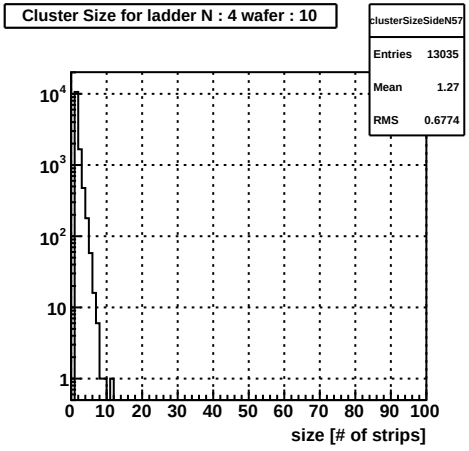

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4042
Mean 1.276
RMS 0.6862
size [# of strips]

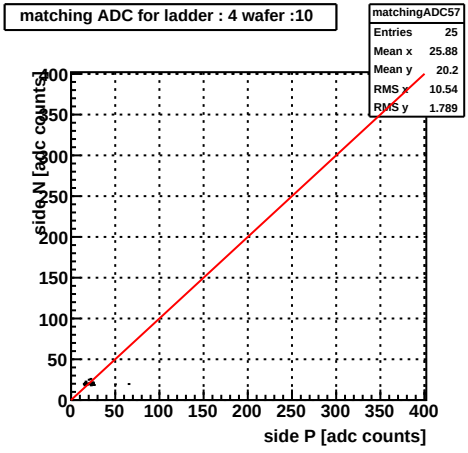

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 46
Mean x 50.7
Mean y 46.4
RMS x 33.19
RMS y 24.79
side N [adc counts]
side P [adc counts]

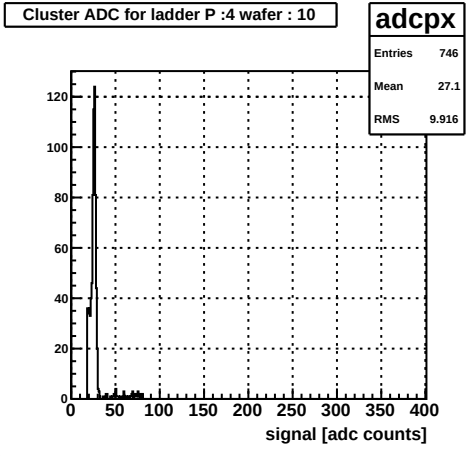

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2276
Mean 26.43
RMS 12.96
signal [adc counts]

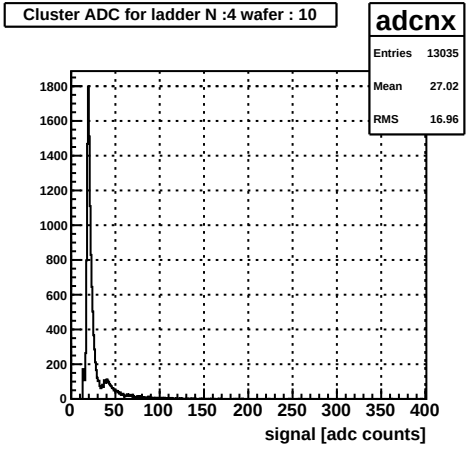

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4042
Mean 43.94
RMS 43.23
signal [adc counts]

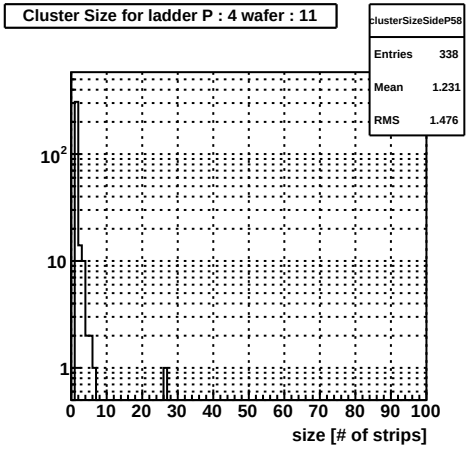

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 746
Mean 1.102
RMS 0.4081
size [# of strips]

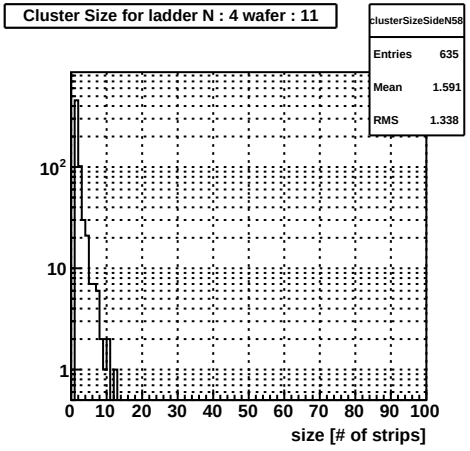

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 13035
Mean 1.27
RMS 0.6774
size [# of strips]

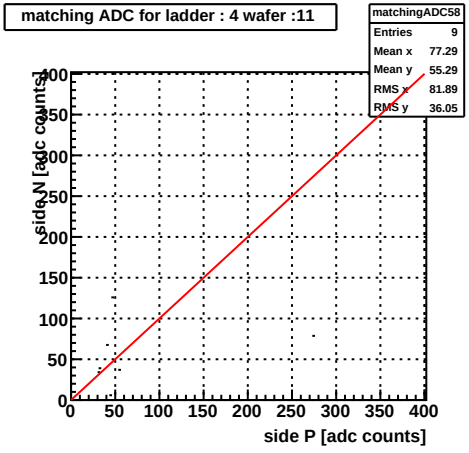

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 25
Mean x 25.88
Mean y 20.2
RMS x 10.54
RMS y 1.789
side N [adc counts]
side P [adc counts]

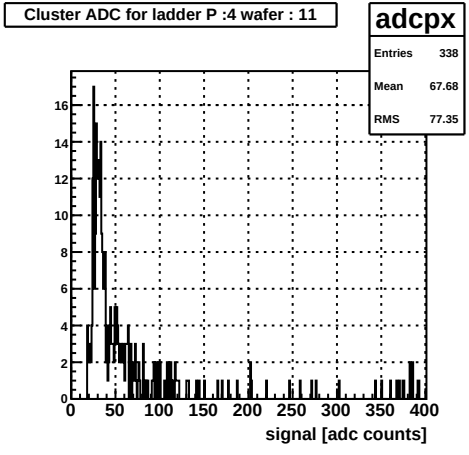

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 746
Mean 27.1
RMS 9.916
signal [adc counts]

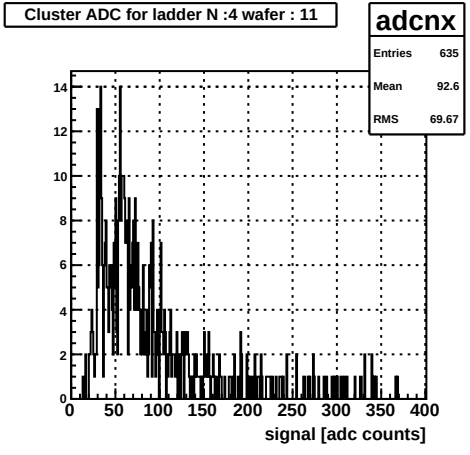

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 13035
Mean 27.02
RMS 16.96
signal [adc counts]

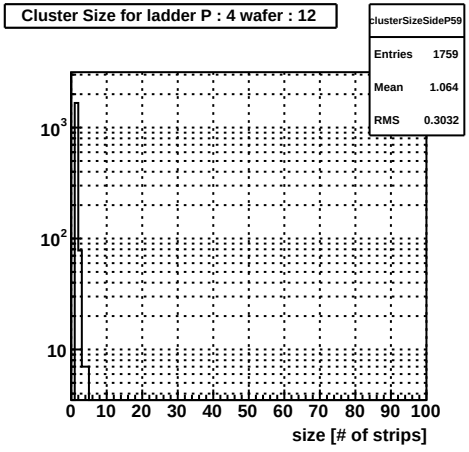

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 338
Mean 1.231
RMS 1.476
size [# of strips]

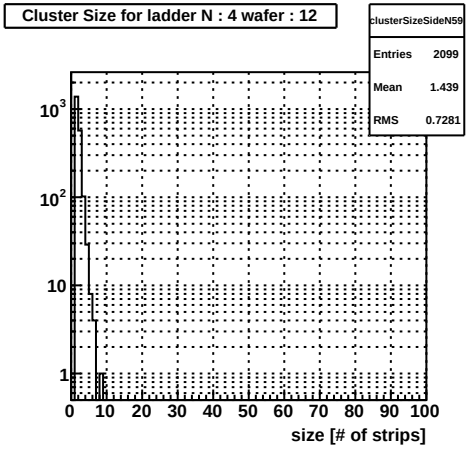

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 635
Mean 1.591
RMS 1.338
size [# of strips]

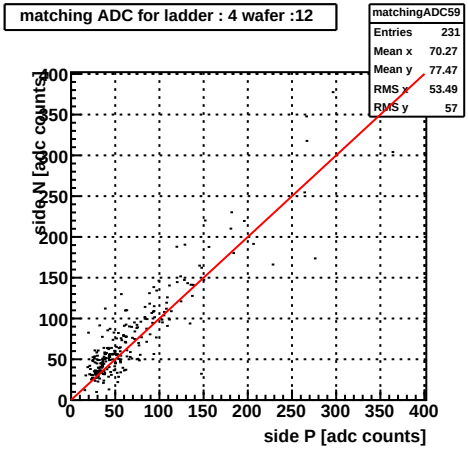

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 9
Mean x 77.29
Mean y 55.29
RMS x 81.89
RMS y 36.05
side N [adc counts]
side P [adc counts]

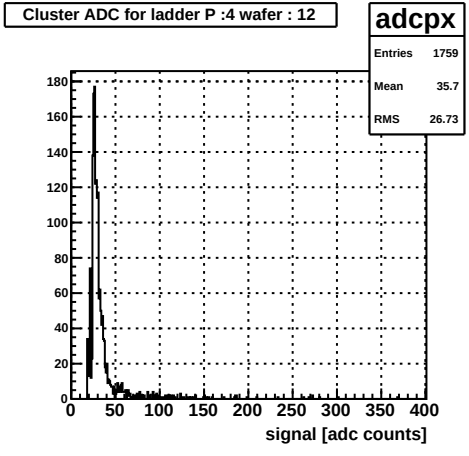

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 338
Mean 67.68
RMS 77.35
signal [adc counts]

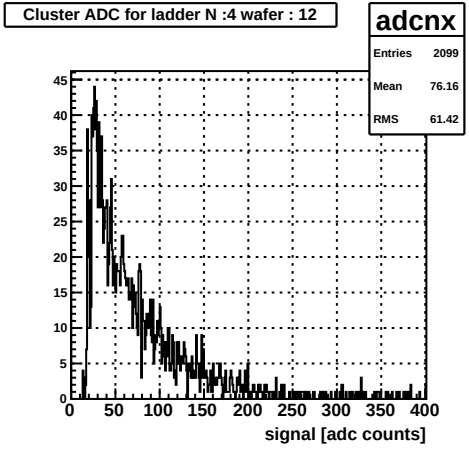

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 635
Mean 92.6
RMS 69.67
signal [adc counts]

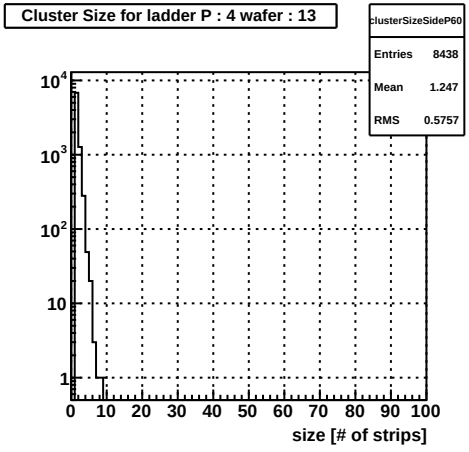

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1759
Mean 1.064
RMS 0.3032
size [# of strips]

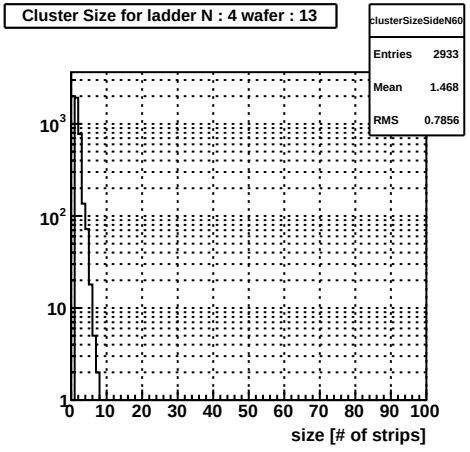

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2099
Mean 1.439
RMS 0.7281
size [# of strips]

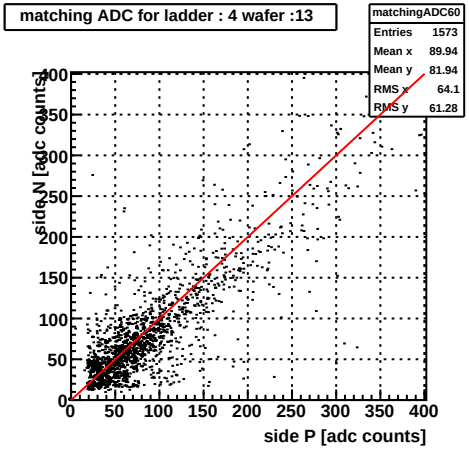

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 231
Mean x 70.27
Mean y 77.47
RMS x 53.49
RMS y 57
side N [adc counts]
side P [adc counts]

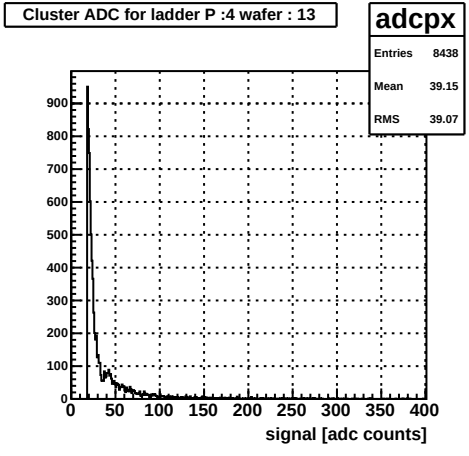

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1759
Mean 35.7
RMS 26.73
signal [adc counts]

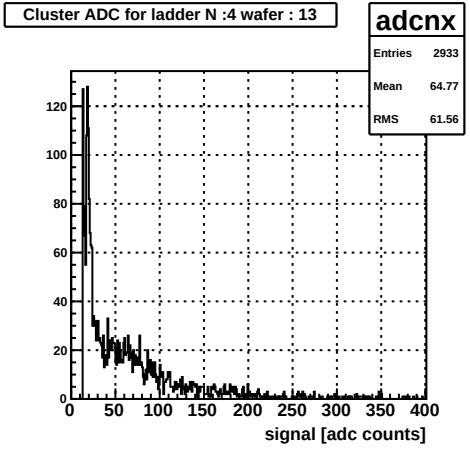

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2099
Mean 76.16
RMS 61.42
signal [adc counts]

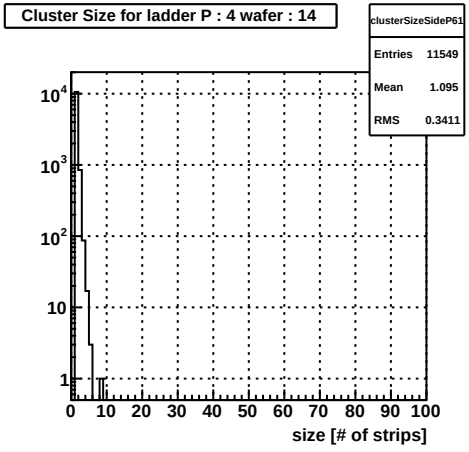

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8438
Mean 1.247
RMS 0.5757
size [# of strips]

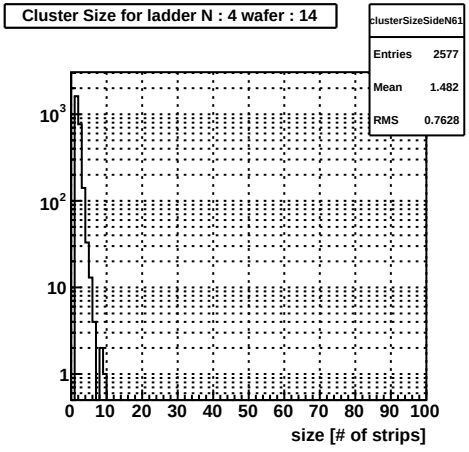

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2933
Mean 1.468
RMS 0.7856
size [# of strips]

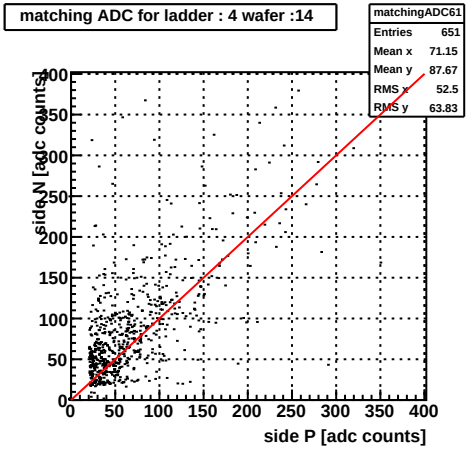

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1573
Mean x 89.94
Mean y 81.94
RMS x 64.1
RMS y 61.28
side N [adc counts]
side P [adc counts]

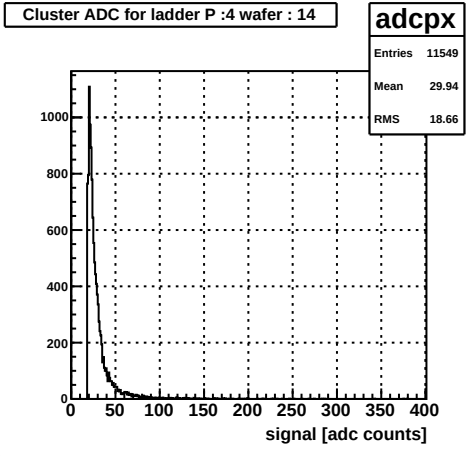

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8438
Mean 39.15
RMS 39.07
signal [adc counts]

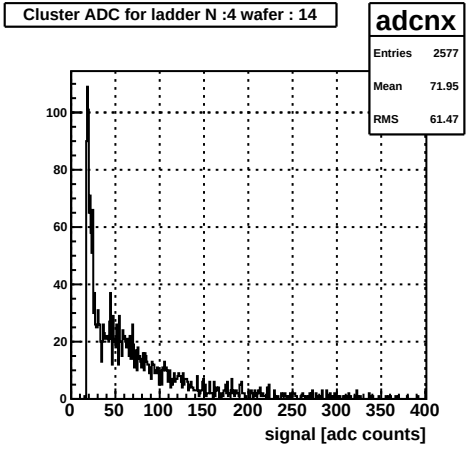

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2933
Mean 64.77
RMS 61.56
signal [adc counts]

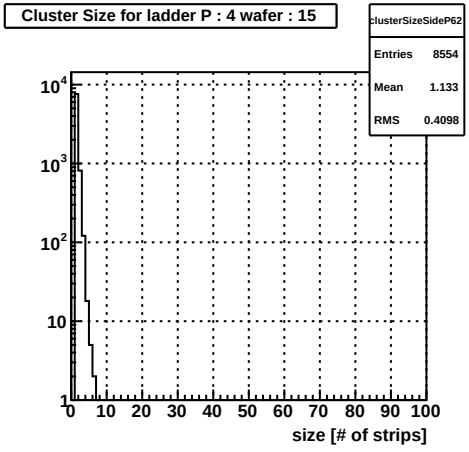

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11549
Mean 1.095
RMS 0.3411
size [# of strips]

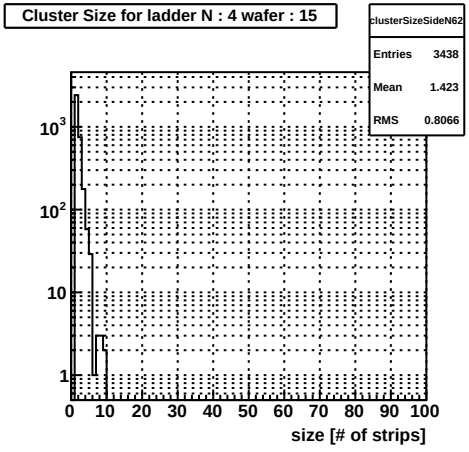

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2577
Mean 1.482
RMS 0.7628
size [# of strips]

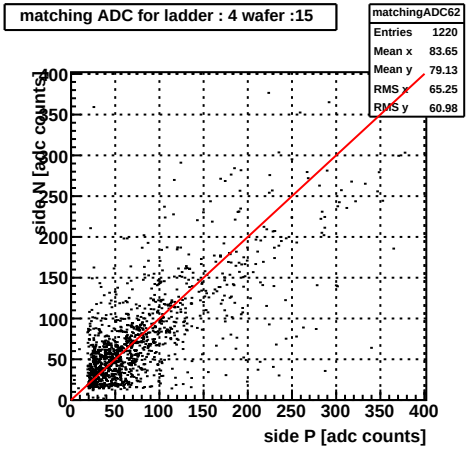

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 651
Mean x 71.15
Mean y 87.67
RMS x 52.5
RMS y 63.83
side N [adc counts]
side P [adc counts]

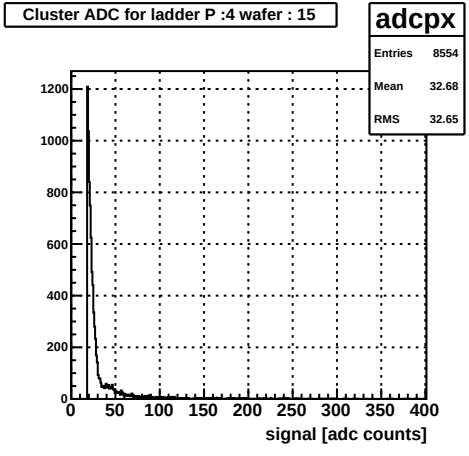

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11549
Mean 29.94
RMS 18.66
signal [adc counts]

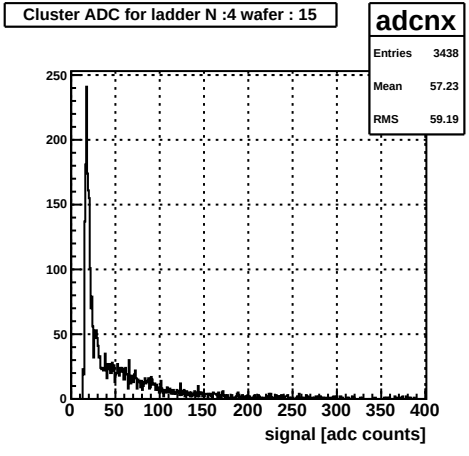

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2577
Mean 71.95
RMS 61.47
signal [adc counts]

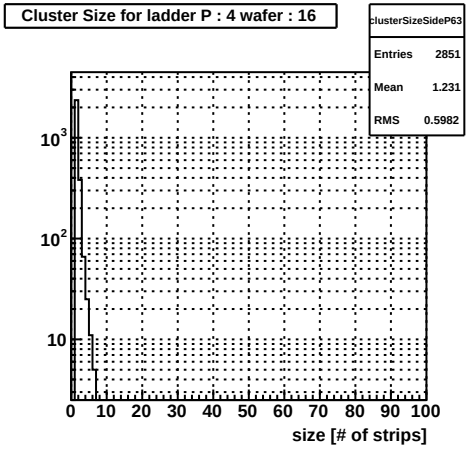

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8554
Mean 1.133
RMS 0.4098
size [# of strips]

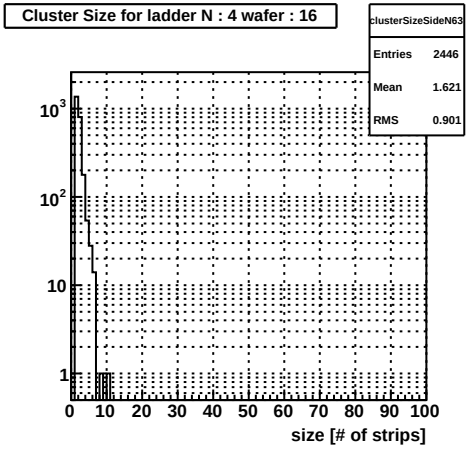

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3438
Mean 1.423
RMS 0.8066
size [# of strips]

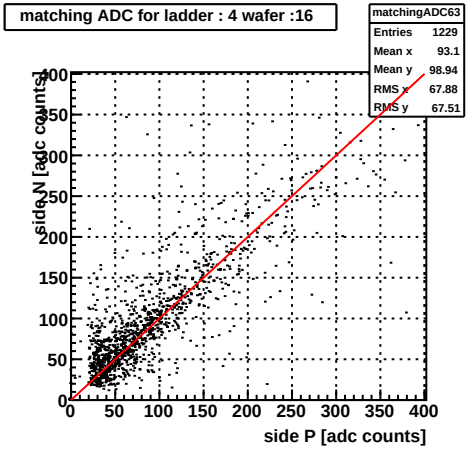

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1220
Mean x 83.65
Mean y 79.13
RMS x 65.25
RMS y 60.98
side N [adc counts]
side P [adc counts]

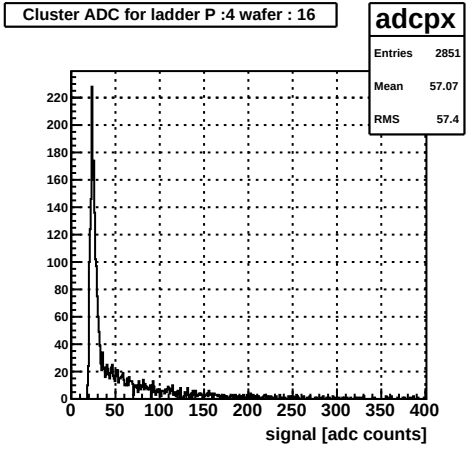

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8554
Mean 32.68
RMS 32.65
signal [adc counts]

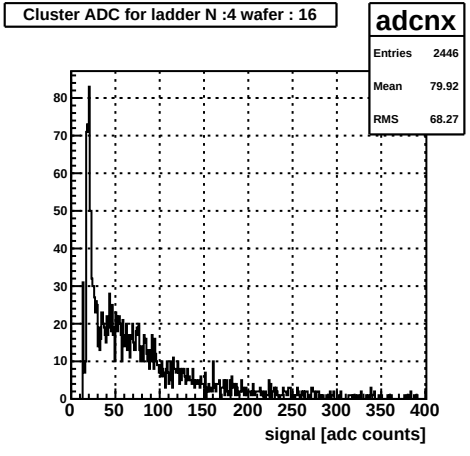

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3438
Mean 57.23
RMS 59.19
signal [adc counts]

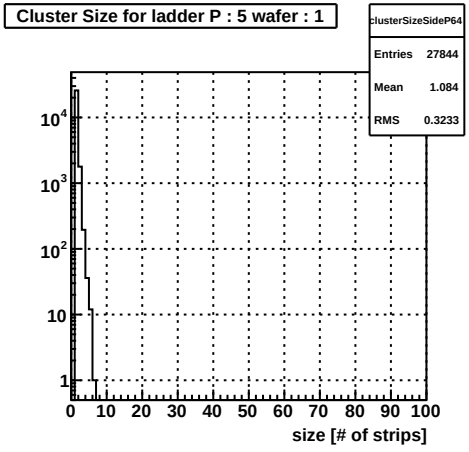

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2851
Mean 1.231
RMS 0.5982
size [# of strips]

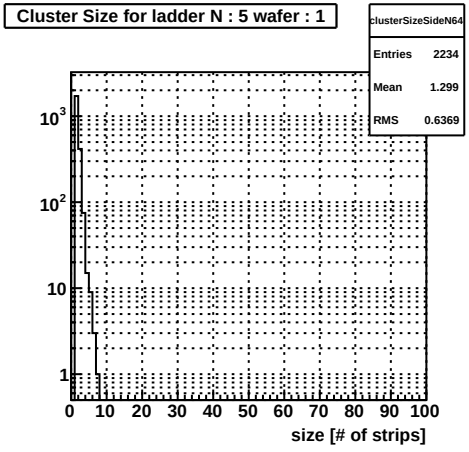

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2446
Mean 1.621
RMS 0.901
size [# of strips]

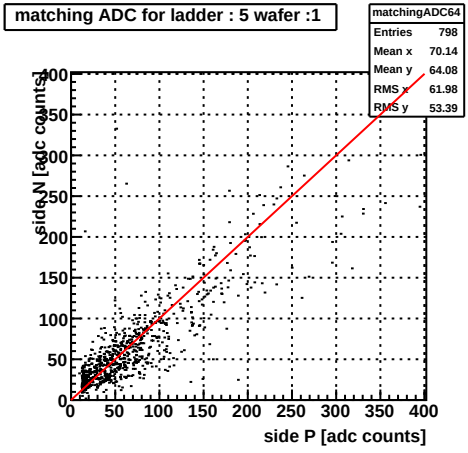

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1229
Mean x 93.1
Mean y 98.94
RMS x 67.88
RMS y 67.51
side N [adc counts]
side P [adc counts]

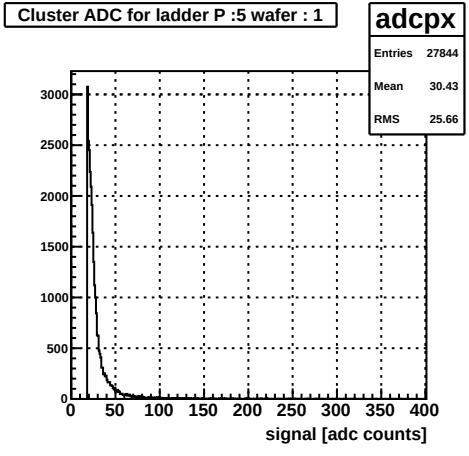

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2851
Mean 57.07
RMS 57.4
signal [adc counts]

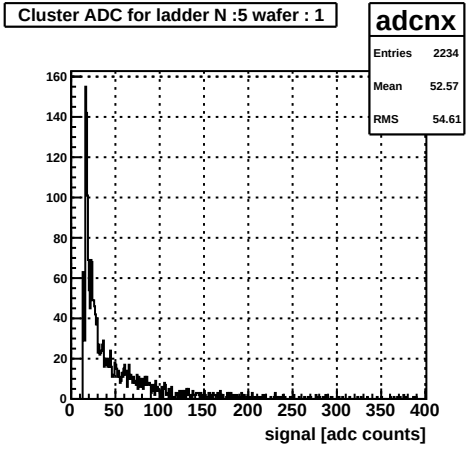

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2446
Mean 79.92
RMS 68.27
signal [adc counts]

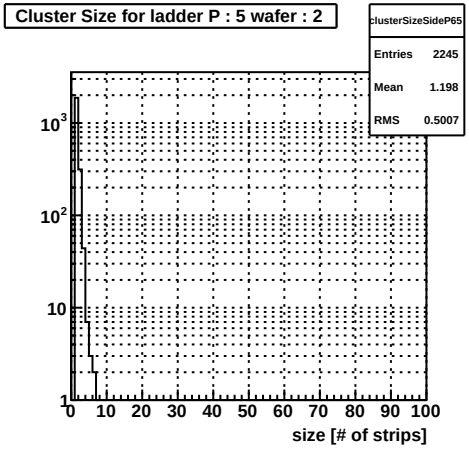

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 27844
Mean 1.084
RMS 0.3233
size [# of strips]

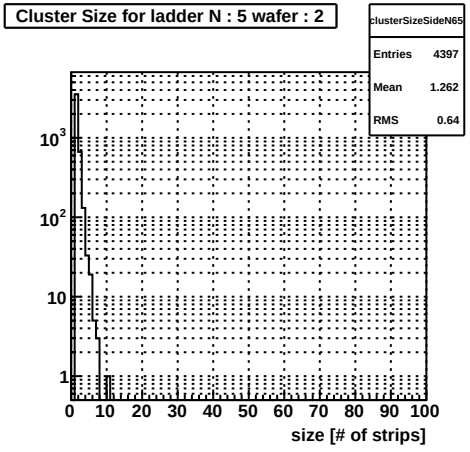

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2234
Mean 1.299
RMS 0.6369
size [# of strips]

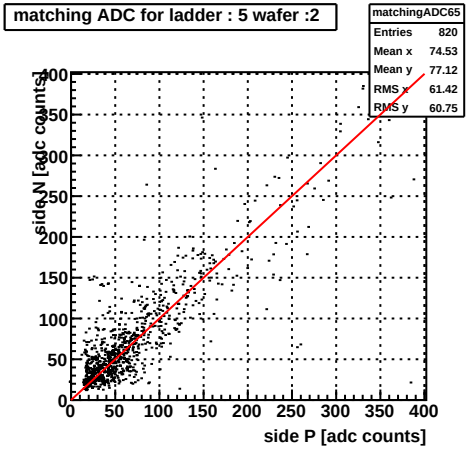

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 798
Mean x 70.14
Mean y 64.08
RMS x 61.98
RMS y 53.39
side N [adc counts]
side P [adc counts]

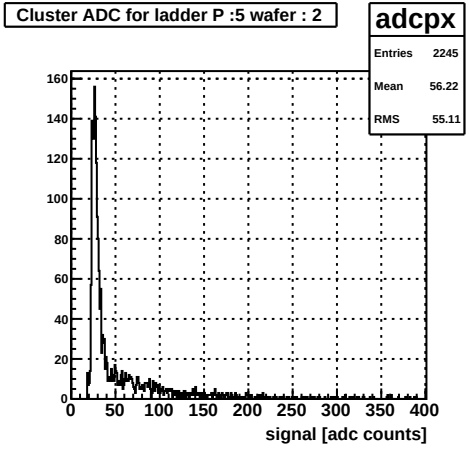

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 27844
Mean 30.43
RMS 25.66
signal [adc counts]

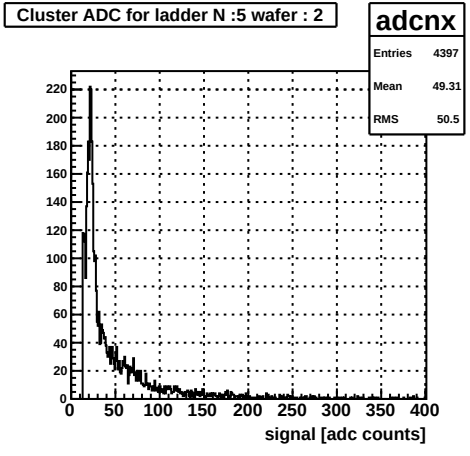

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2234
Mean 52.57
RMS 54.61
signal [adc counts]

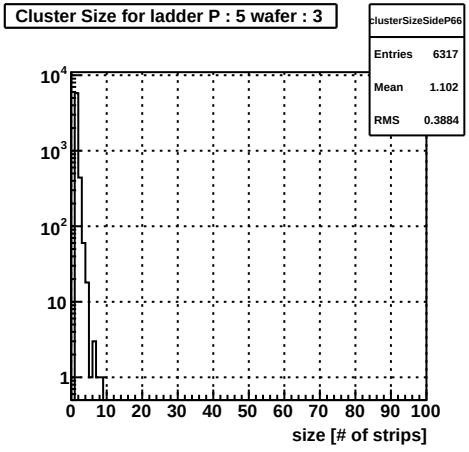

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2245
Mean 1.198
RMS 0.5007
size [# of strips]

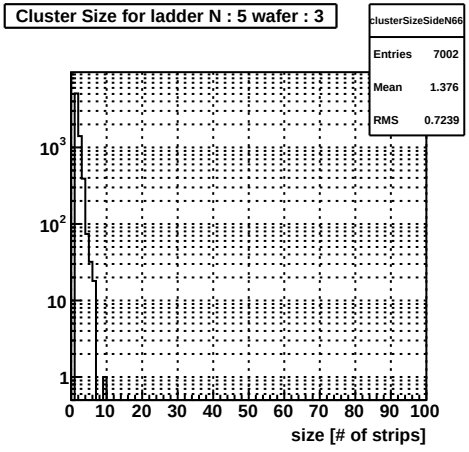

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4397
Mean 1.262
RMS 0.64
size [# of strips]

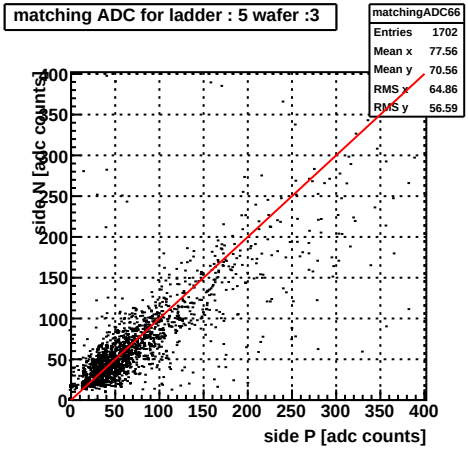

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 820
Mean x 74.53
Mean y 77.12
RMS x 61.42
RMS y 60.75
side N [adc counts]
side P [adc counts]

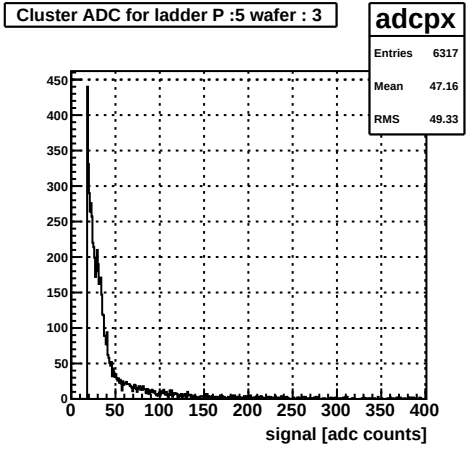

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2245
Mean 56.22
RMS 55.11
signal [adc counts]

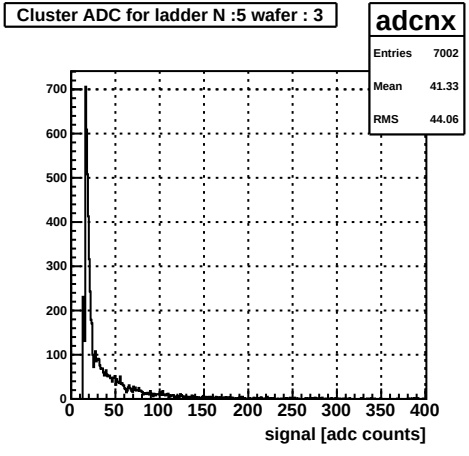

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4397
Mean 49.31
RMS 50.5
signal [adc counts]

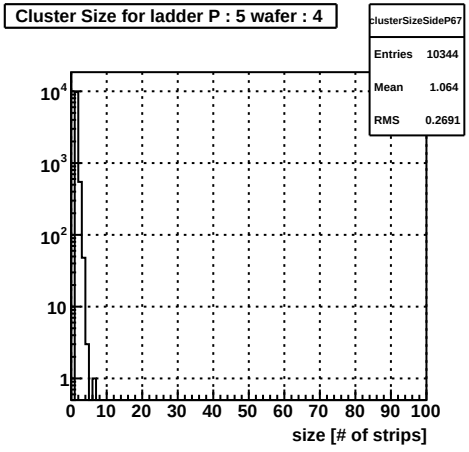

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6317
Mean 1.102
RMS 0.3884
size [# of strips]

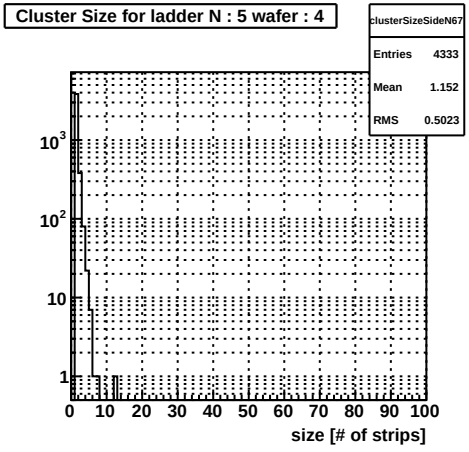

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7002
Mean 1.376
RMS 0.7239
size [# of strips]

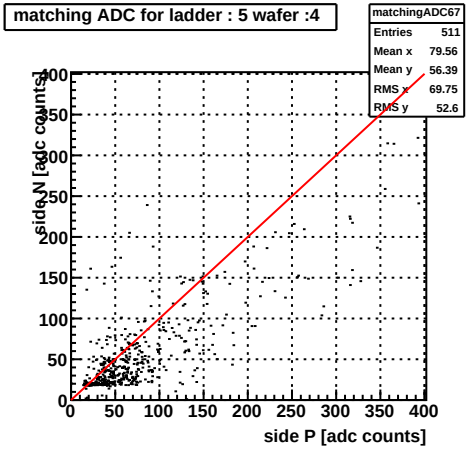

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1702
Mean x 77.56
Mean y 70.56
RMS x 64.86
RMS y 56.59
side N [adc counts]
side P [adc counts]

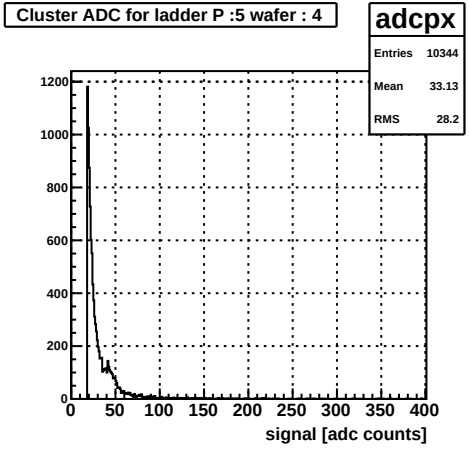

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6317
Mean 47.16
RMS 49.33
signal [adc counts]

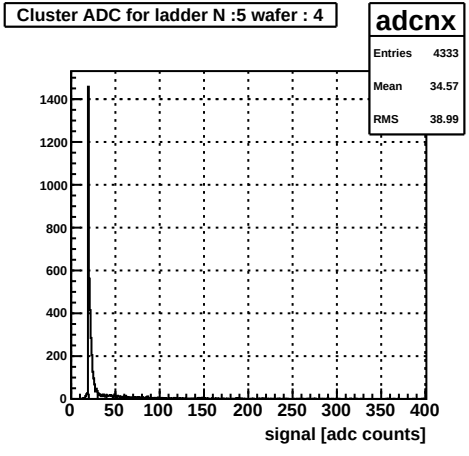

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7002
Mean 41.33
RMS 44.06
signal [adc counts]

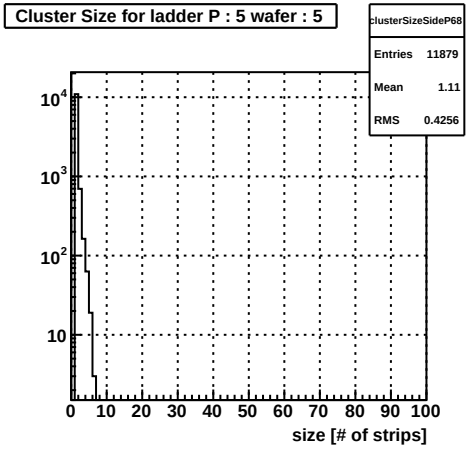

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10344
Mean 1.064
RMS 0.2691
size [# of strips]

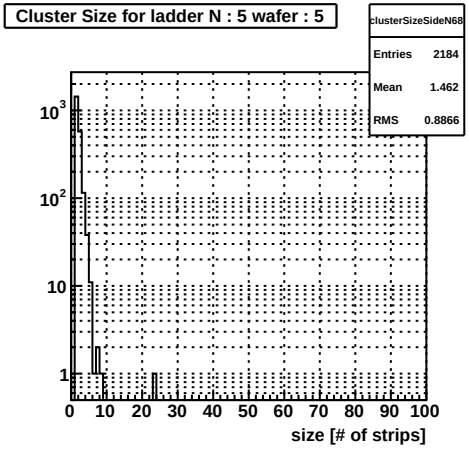

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4333
Mean 1.152
RMS 0.5023
size [# of strips]

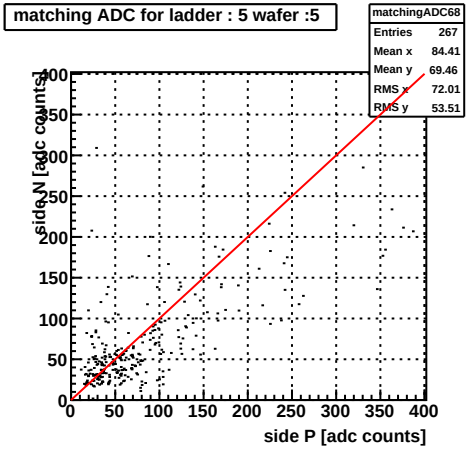

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 511
Mean x 79.56
Mean y 56.39
RMS x 69.75
RMS y 52.6
side N [adc counts]
side P [adc counts]

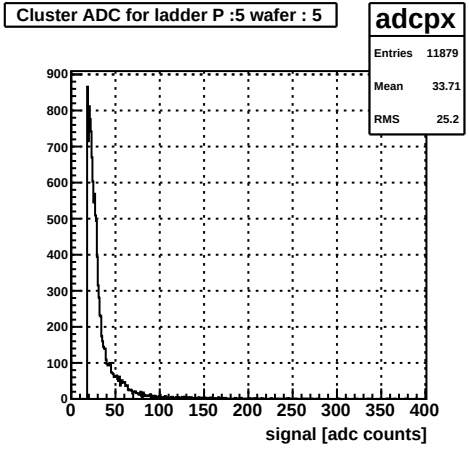

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10344
Mean 33.13
RMS 28.2
signal [adc counts]

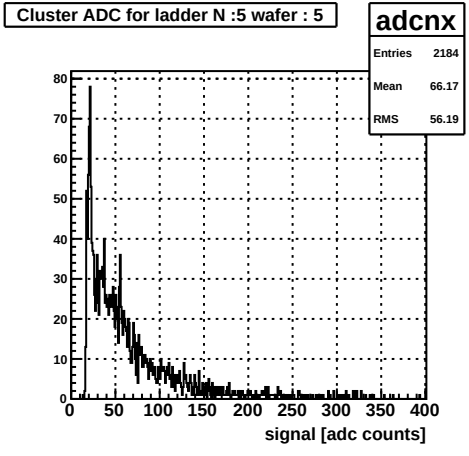

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4333
Mean 34.57
RMS 38.99
signal [adc counts]

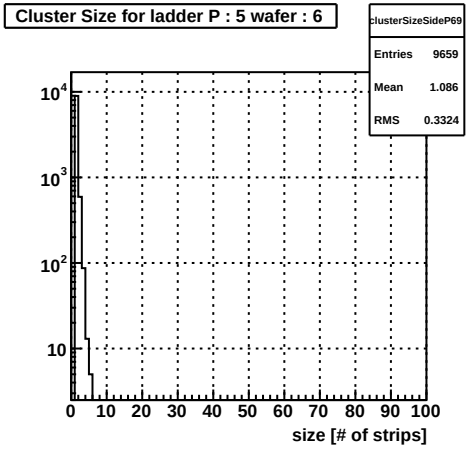

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11879
Mean 1.11
RMS 0.4256
size [# of strips]

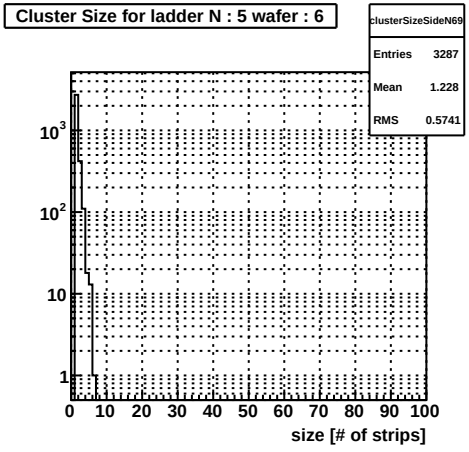

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2184
Mean 1.462
RMS 0.8866
size [# of strips]

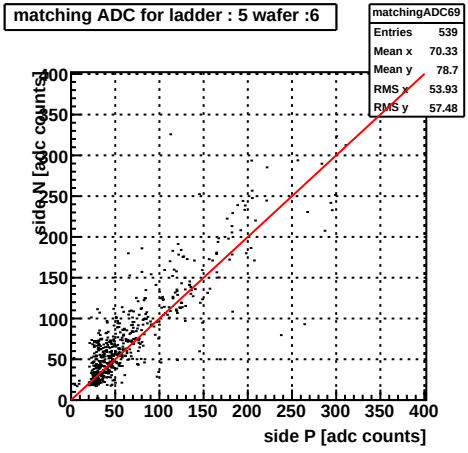

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 267
Mean x 84.41
Mean y 69.46
RMS x 72.01
RMS y 53.51
side N [adc counts]
side P [adc counts]

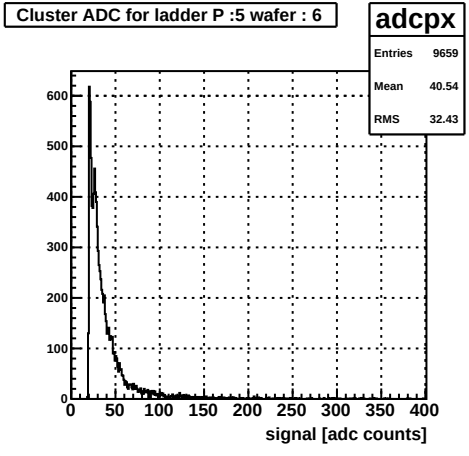

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11879
Mean 33.71
RMS 25.2
signal [adc counts]

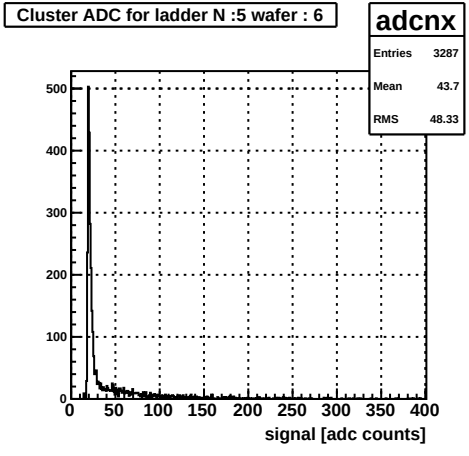

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2184
Mean 66.17
RMS 56.19
signal [adc counts]

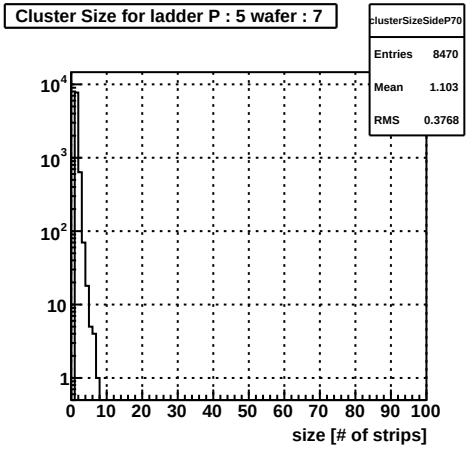

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9659
Mean 1.086
RMS 0.3324
size [# of strips]

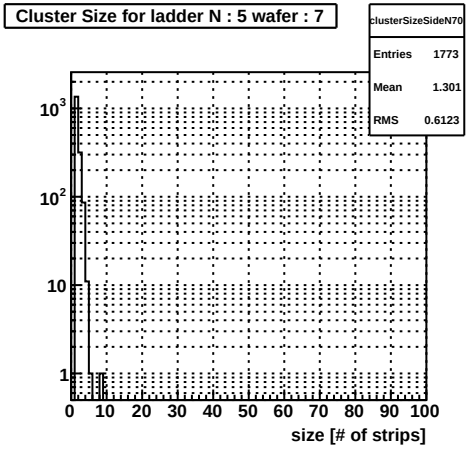

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3287
Mean 1.228
RMS 0.5741
size [# of strips]

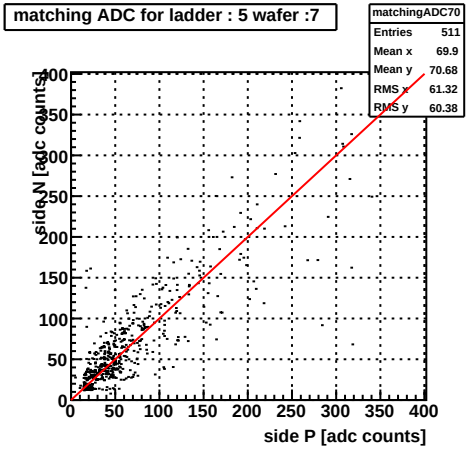

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 539
Mean x 70.33
Mean y 78.7
RMS x 53.93
RMS y 57.48
side N [adc counts]
side P [adc counts]

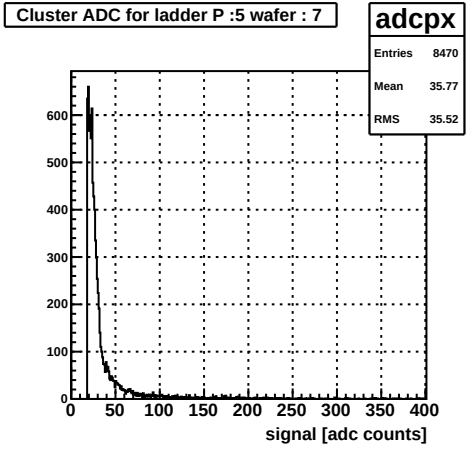

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9659
Mean 40.54
RMS 32.43
signal [adc counts]

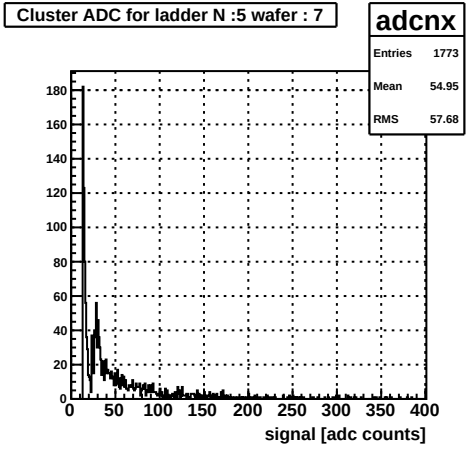

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3287
Mean 43.7
RMS 48.33
signal [adc counts]

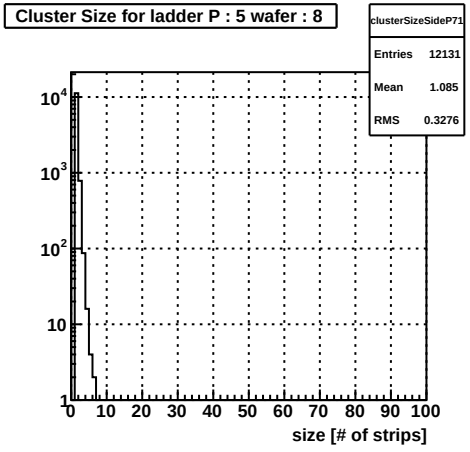

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8470
Mean 1.103
RMS 0.3768
size [# of strips]

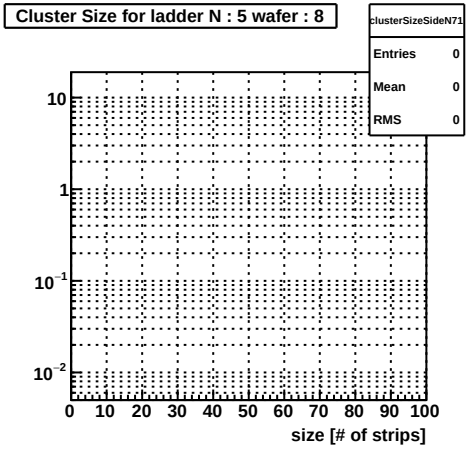

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1773
Mean 1.301
RMS 0.6123
size [# of strips]

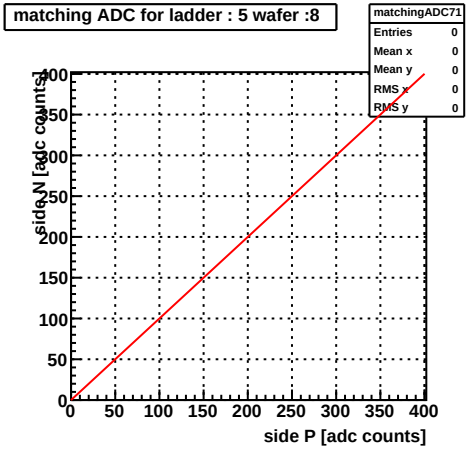

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 511
Mean x 69.9
Mean y 70.68
RMS x 61.32
RMS y 60.38
side N [adc counts]
side P [adc counts]

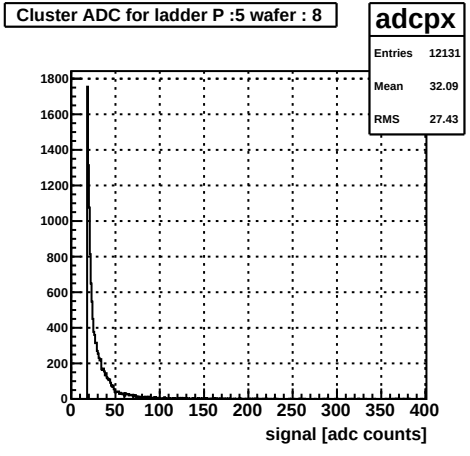

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8470
Mean 35.77
RMS 35.52
signal [adc counts]

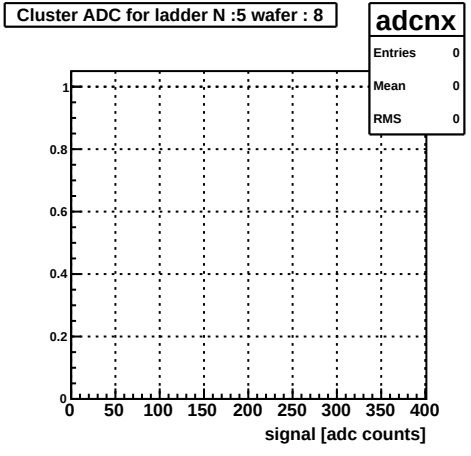

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1773
Mean 54.95
RMS 57.68
signal [adc counts]

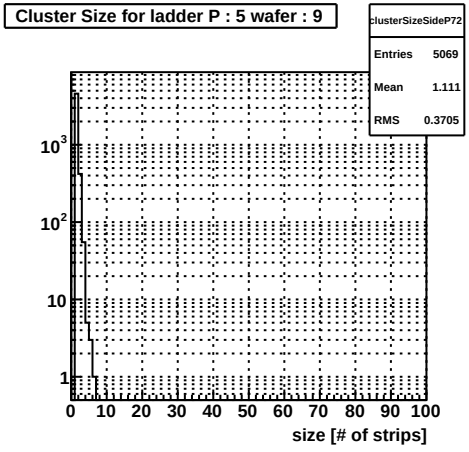

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 12131
Mean 1.085
RMS 0.3276
size [# of strips]

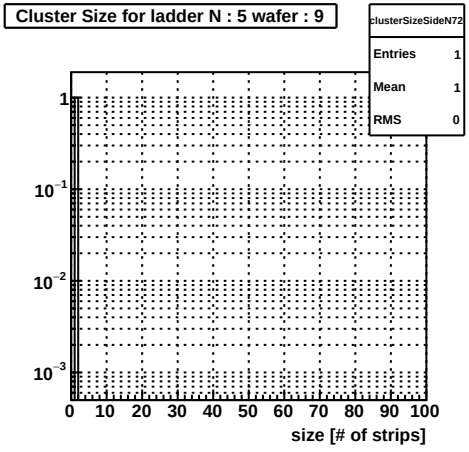

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

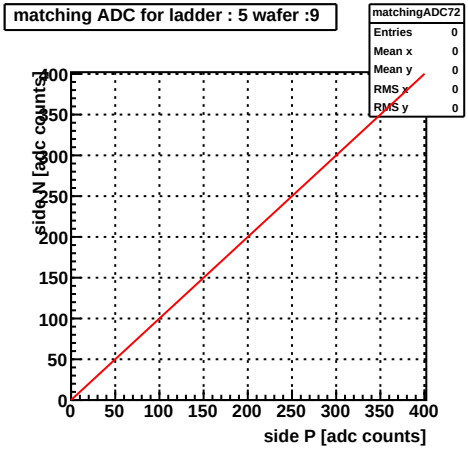

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

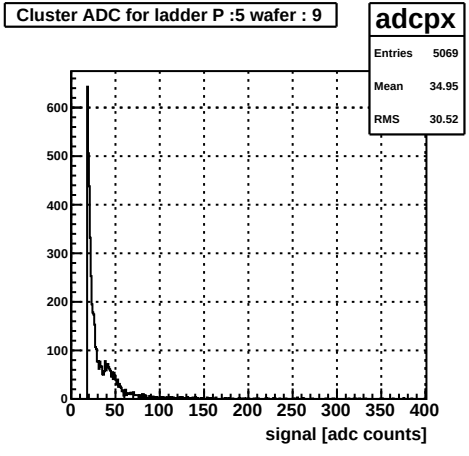

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 12131
Mean 32.09
RMS 27.43
signal [adc counts]

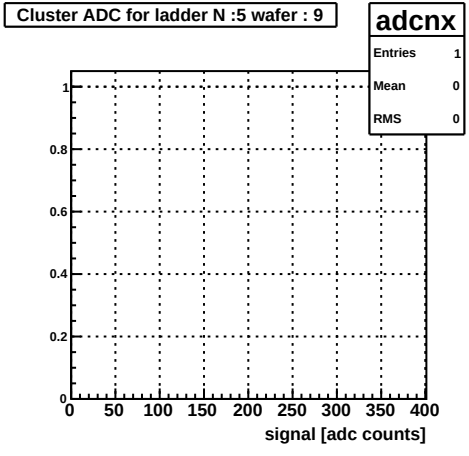

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

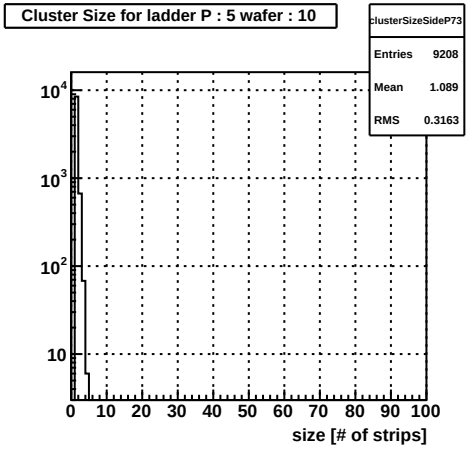

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5069
Mean 1.111
RMS 0.3705
size [# of strips]

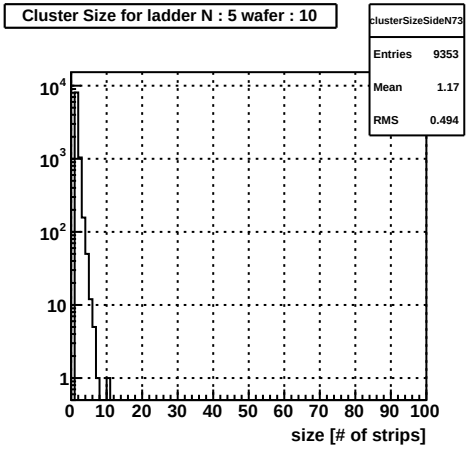

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

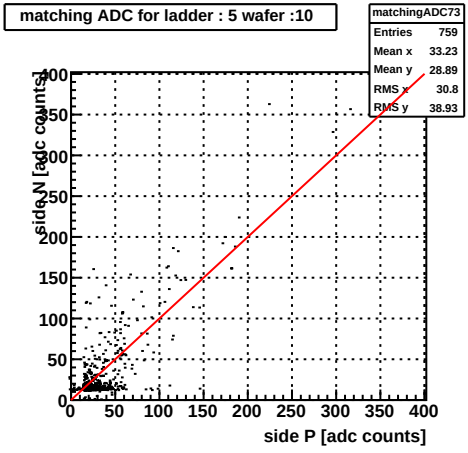

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

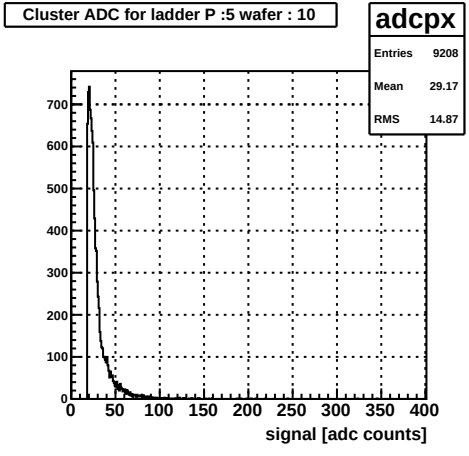

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5069
Mean 34.95
RMS 30.52
signal [adc counts]

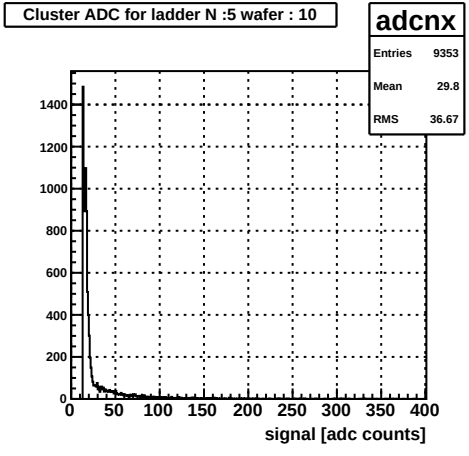

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

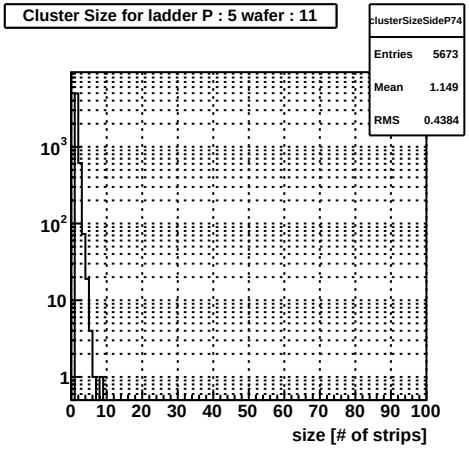

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9208
Mean 1.089
RMS 0.3163
size [# of strips]

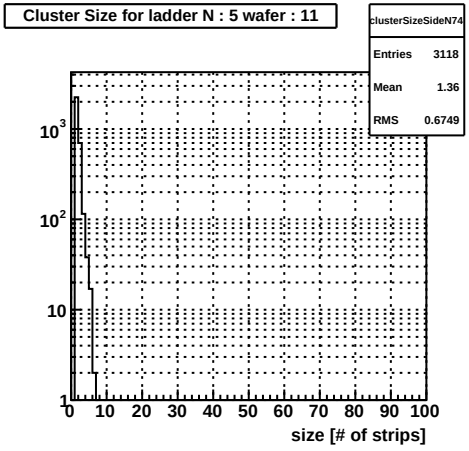

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9353
Mean 1.17
RMS 0.494
size [# of strips]

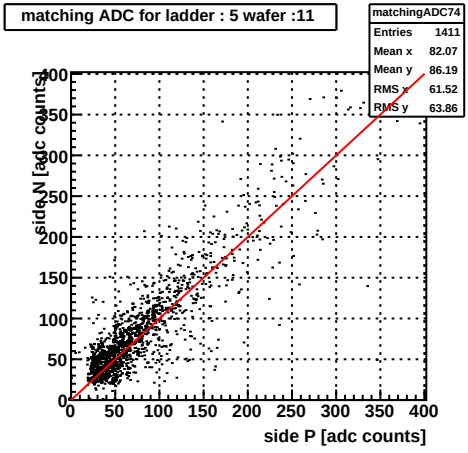

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 759
Mean x 33.23
Mean y 28.89
RMS x 30.8
RMS y 38.93
side N [adc counts]
side P [adc counts]

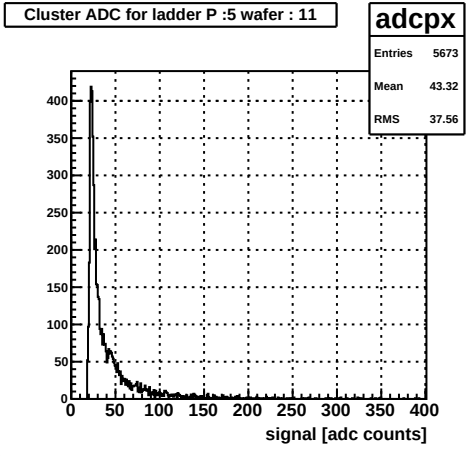

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9208
Mean 29.17
RMS 14.87
signal [adc counts]

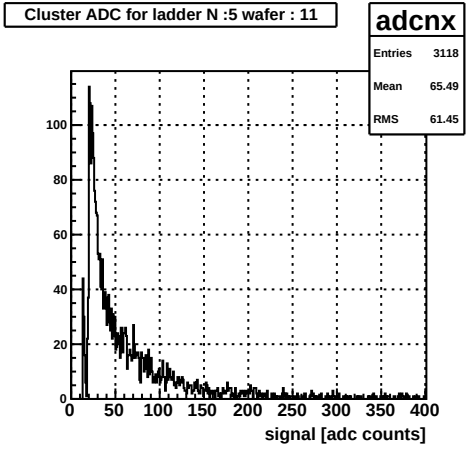

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9353
Mean 29.8
RMS 36.67
signal [adc counts]

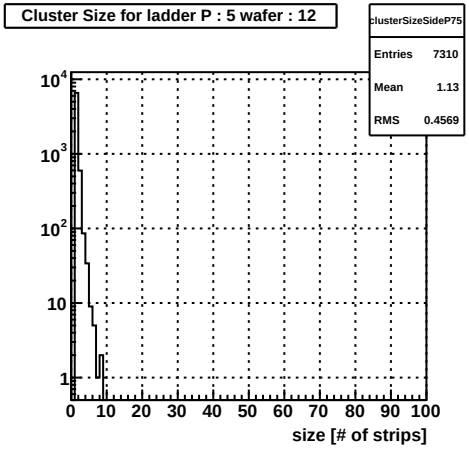

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5673
Mean 1.149
RMS 0.4384
size [# of strips]

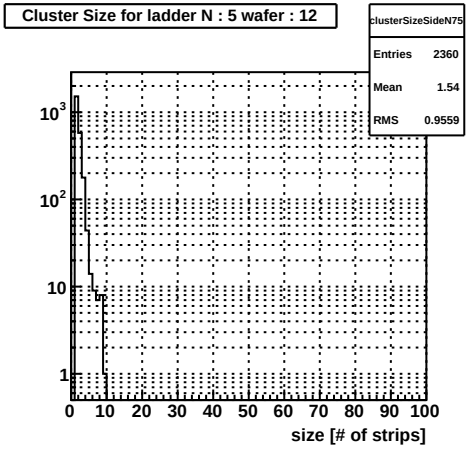

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3118
Mean 1.36
RMS 0.6749
size [# of strips]

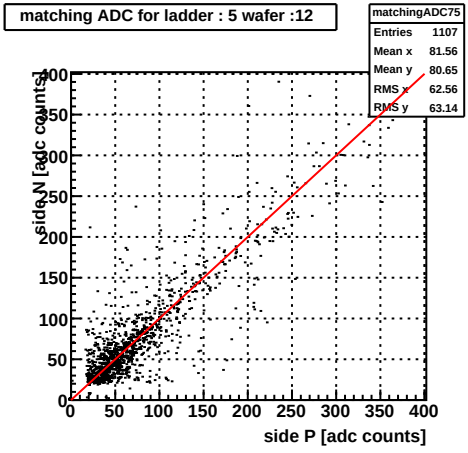

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1411
Mean x 82.07
Mean y 86.19
RMS x 61.52
RMS y 63.86
side N [adc counts]
side P [adc counts]

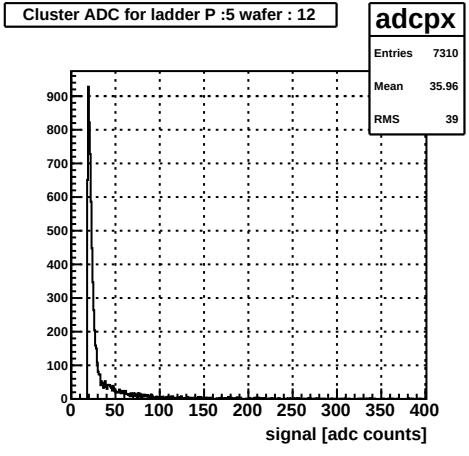

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5673
Mean 43.32
RMS 37.56
signal [adc counts]

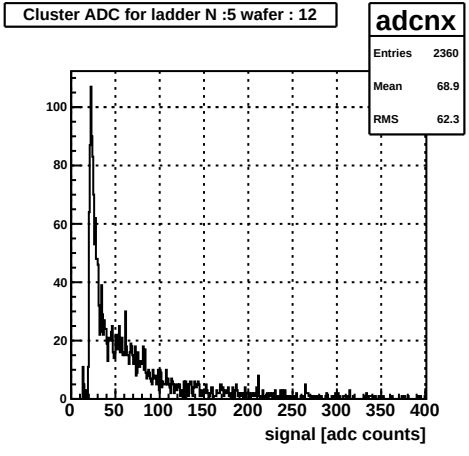

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3118
Mean 65.49
RMS 61.45
signal [adc counts]

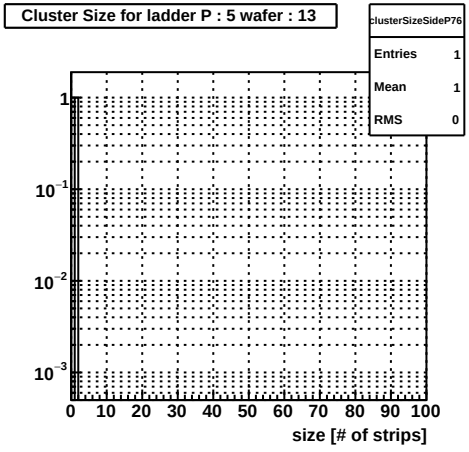

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7310
Mean 1.13
RMS 0.4569
size [# of strips]

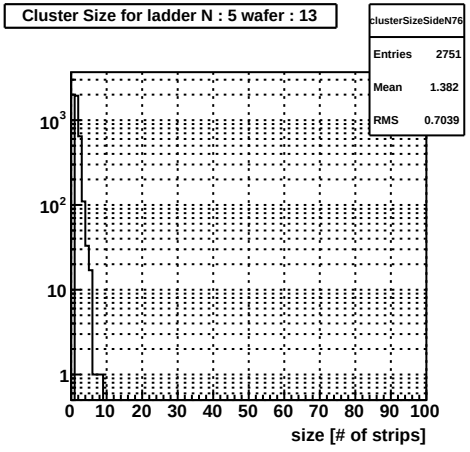

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2360
Mean 1.54
RMS 0.9559
size [# of strips]

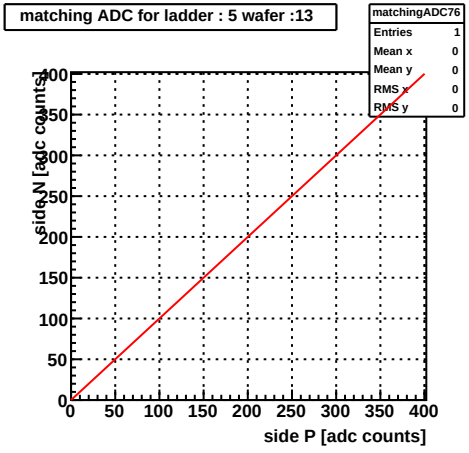

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1107
Mean x 81.56
Mean y 80.65
RMS x 62.56
RMS y 63.14
side N [adc counts]
side P [adc counts]

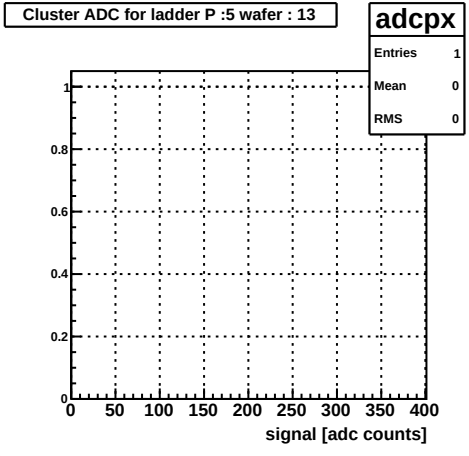

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7310
Mean 35.96
RMS 39
signal [adc counts]

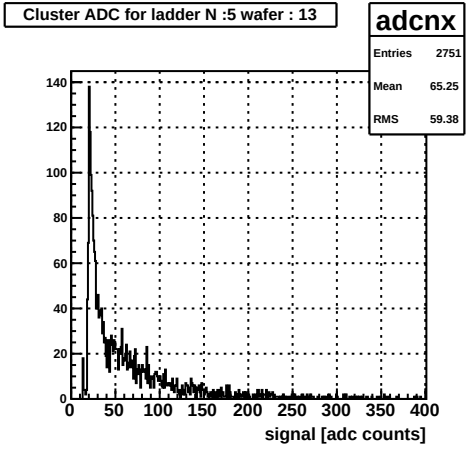

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2360
Mean 68.9
RMS 62.3
signal [adc counts]

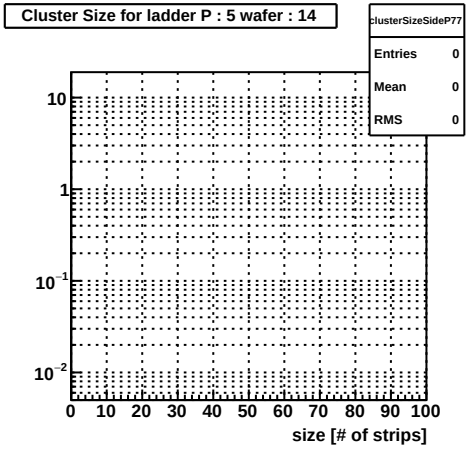

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

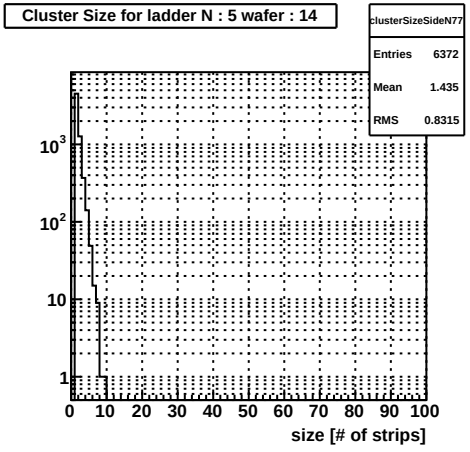

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2751
Mean 1.382
RMS 0.7039
size [# of strips]

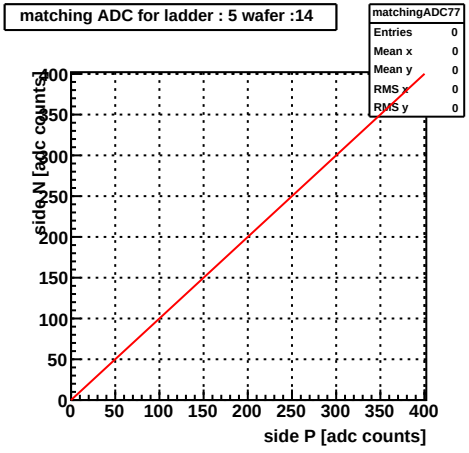

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

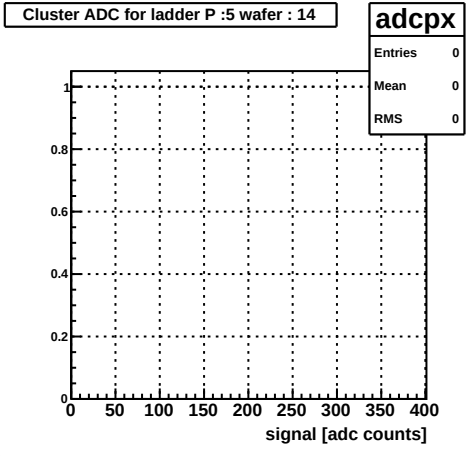

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

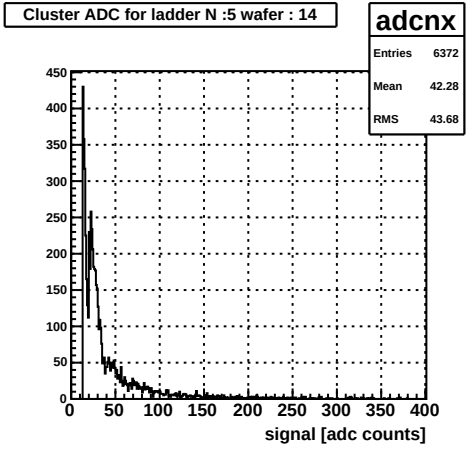

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2751
Mean 65.25
RMS 59.38
signal [adc counts]

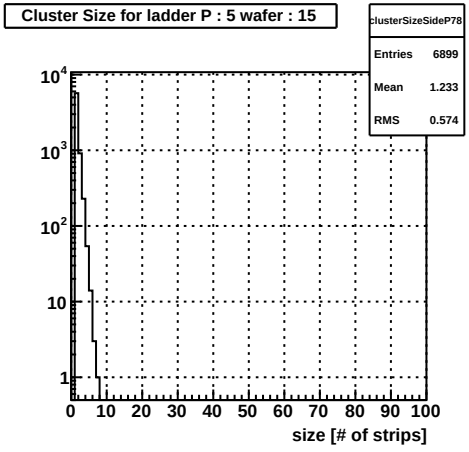

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

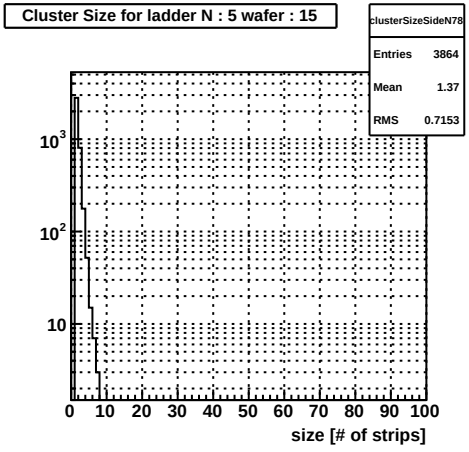

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6372
Mean 1.435
RMS 0.8315
size [# of strips]

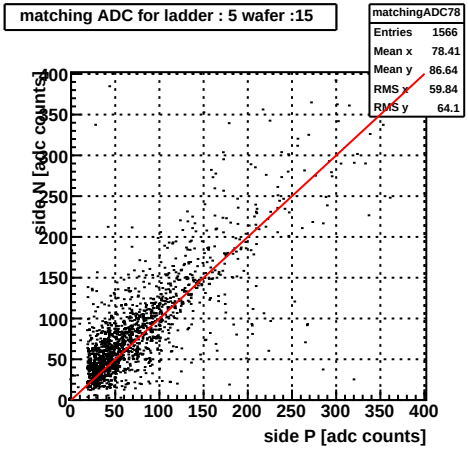

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

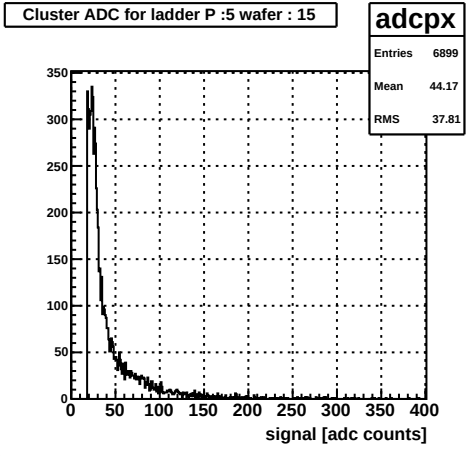

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

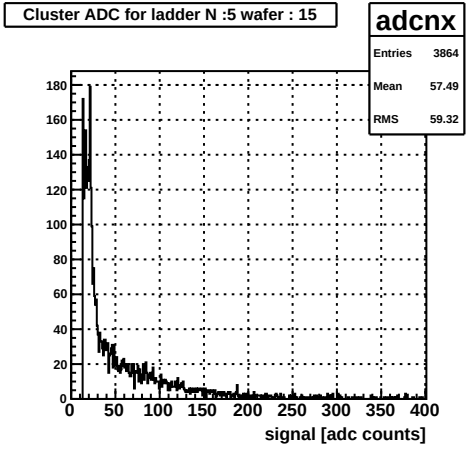

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6372
Mean 42.28
RMS 43.68
signal [adc counts]

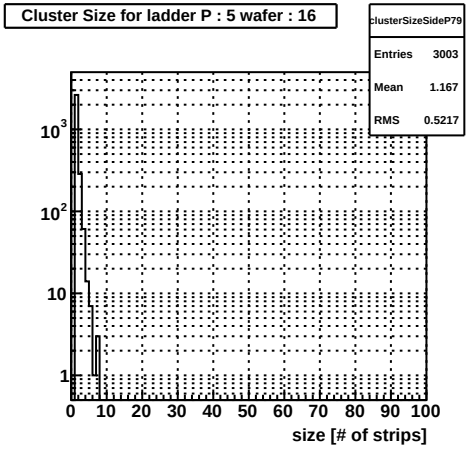

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6899
Mean 1.233
RMS 0.574
size [# of strips]

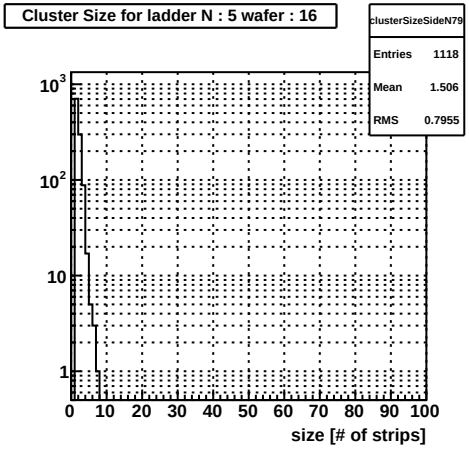

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3864
Mean 1.37
RMS 0.7153
size [# of strips]

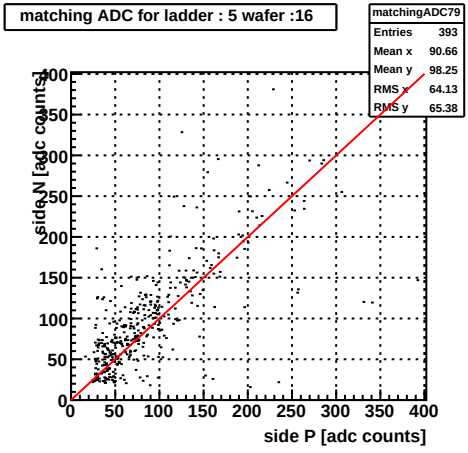

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1566
Mean x 78.41
Mean y 86.64
RMS x 59.84
RMS y 64.1
side N [adc counts]
side P [adc counts]

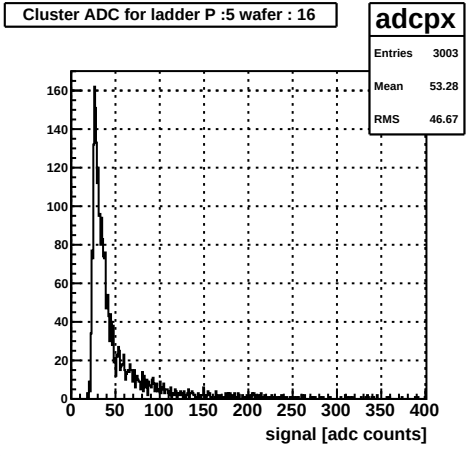

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6899
Mean 44.17
RMS 37.81
signal [adc counts]

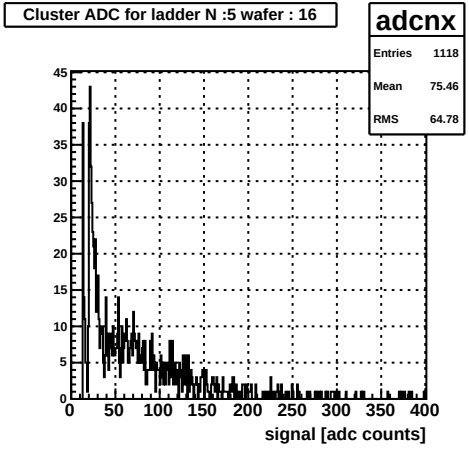

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3864
Mean 57.49
RMS 59.32
signal [adc counts]

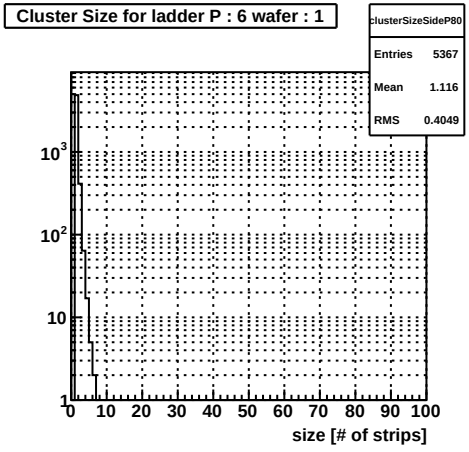

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3003
Mean 1.167
RMS 0.5217
size [# of strips]

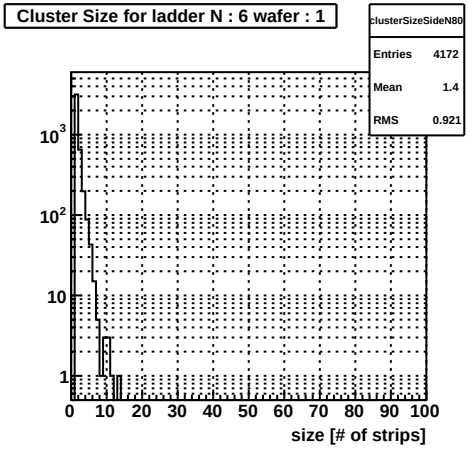

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1118
Mean 1.506
RMS 0.7955
size [# of strips]

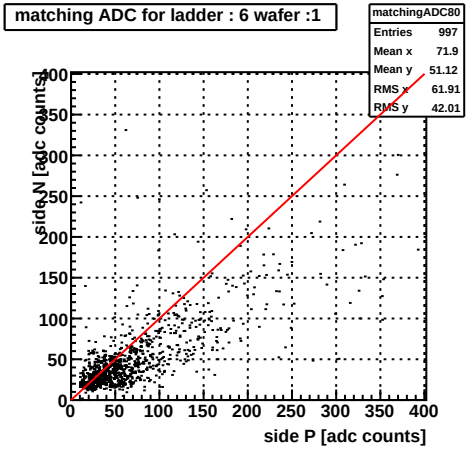

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 393
Mean x 90.66
Mean y 98.25
RMS x 64.13
RMS y 65.38
side N [adc counts]
side P [adc counts]

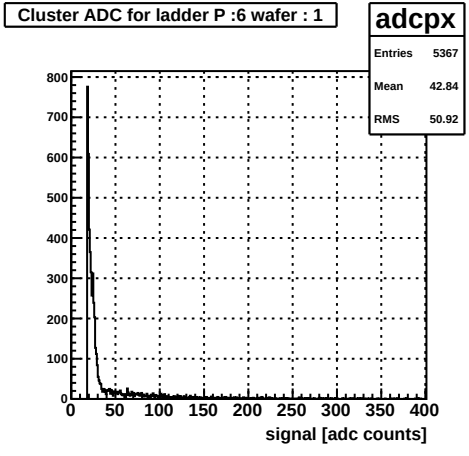

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3003
Mean 53.28
RMS 46.67
signal [adc counts]

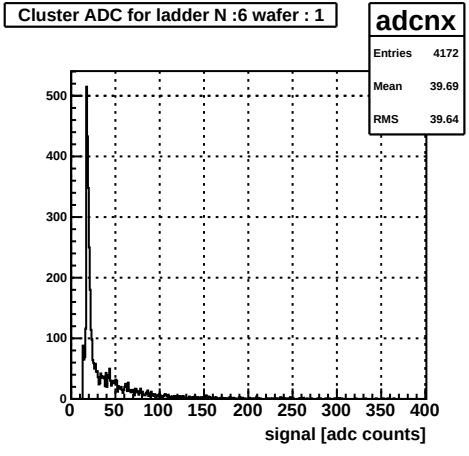

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1118
Mean 75.46
RMS 64.78
signal [adc counts]

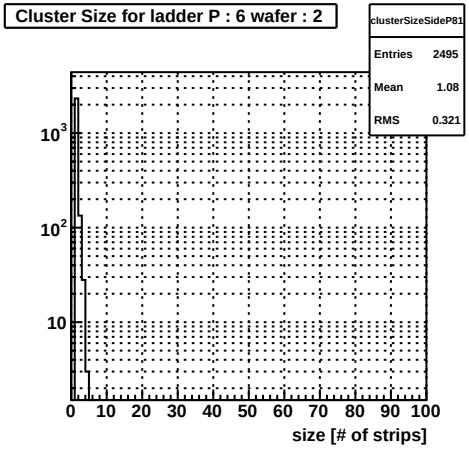

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5367
Mean 1.116
RMS 0.4049
size [# of strips]

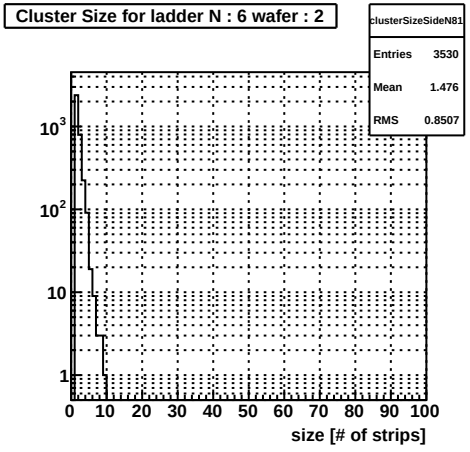

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4172
Mean 1.4
RMS 0.921
size [# of strips]

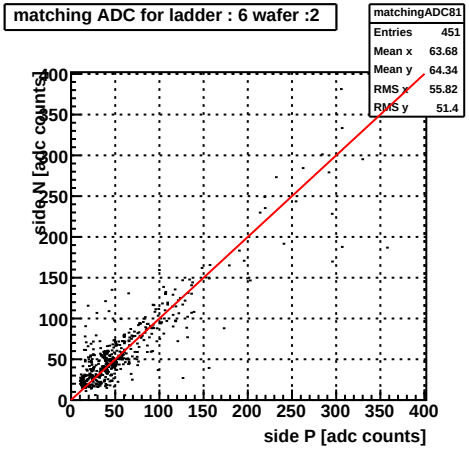

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 997
Mean x 71.9
Mean y 51.12
RMS x 61.91
RMS y 42.01
side N [adc counts]
side P [adc counts]

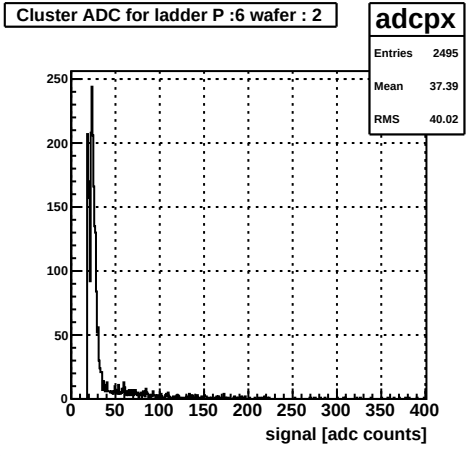

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5367
Mean 42.84
RMS 50.92
signal [adc counts]

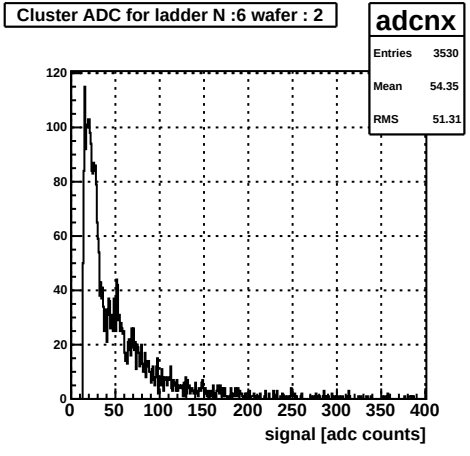

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4172
Mean 39.69
RMS 39.64
signal [adc counts]

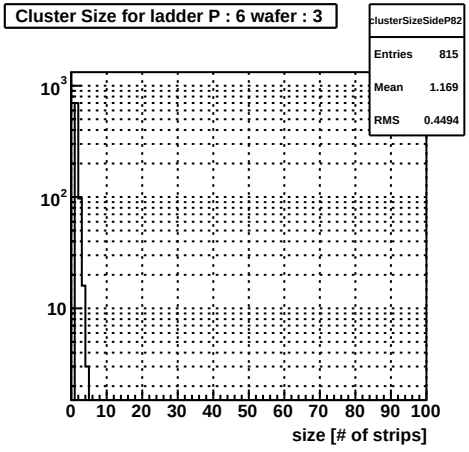

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2495
Mean 1.08
RMS 0.321
size [# of strips]

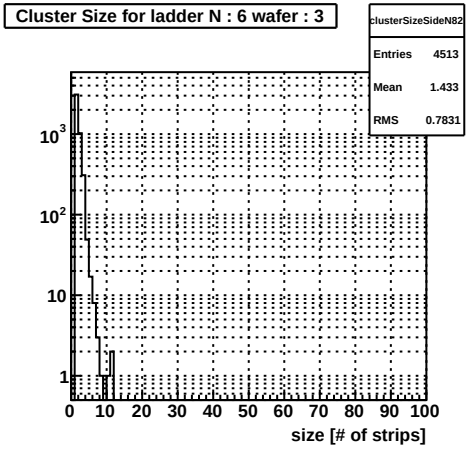

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3530
Mean 1.476
RMS 0.8507
size [# of strips]

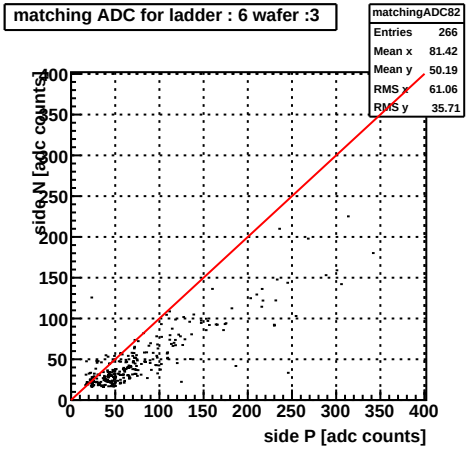

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 451
Mean x 63.68
Mean y 64.34
RMS x 55.82
RMS y 51.4
side N [adc counts]
side P [adc counts]

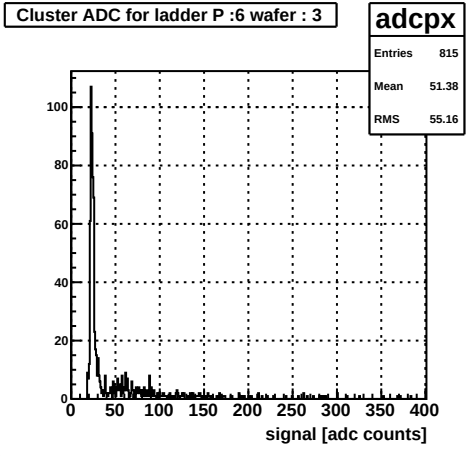

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2495
Mean 37.39
RMS 40.02
signal [adc counts]

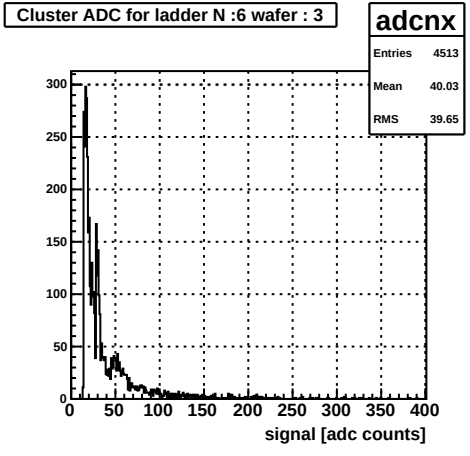

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3530
Mean 54.35
RMS 51.31
signal [adc counts]

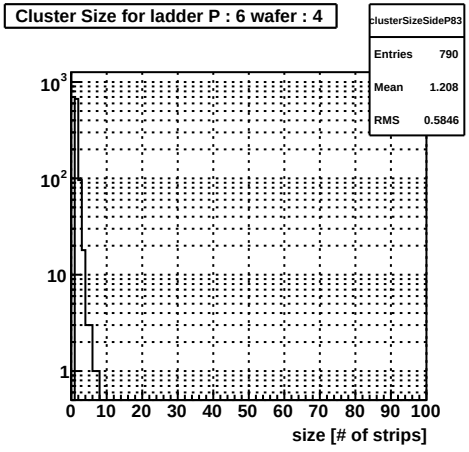

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 815
Mean 1.169
RMS 0.4494
size [# of strips]

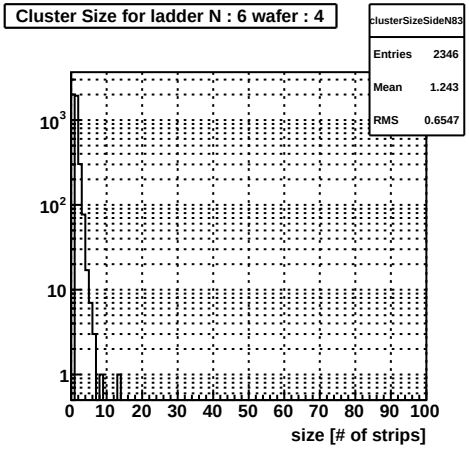

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4513
Mean 1.433
RMS 0.7831
size [# of strips]

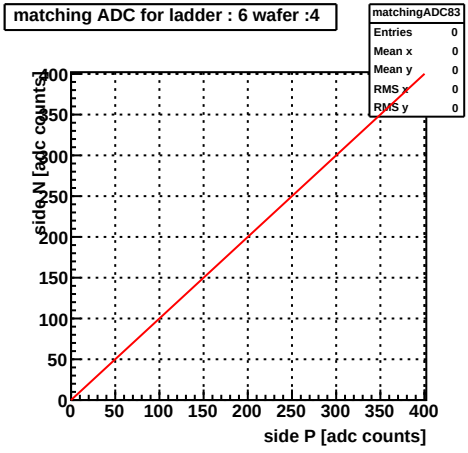

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 266
Mean x 81.42
Mean y 50.19
RMS x 61.06
RMS y 35.71
side N [adc counts]
side P [adc counts]

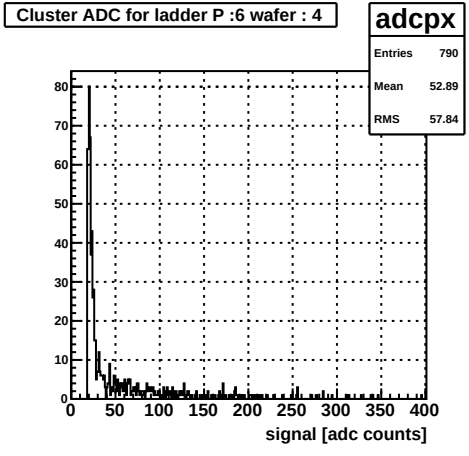

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 815
Mean 51.38
RMS 55.16
signal [adc counts]

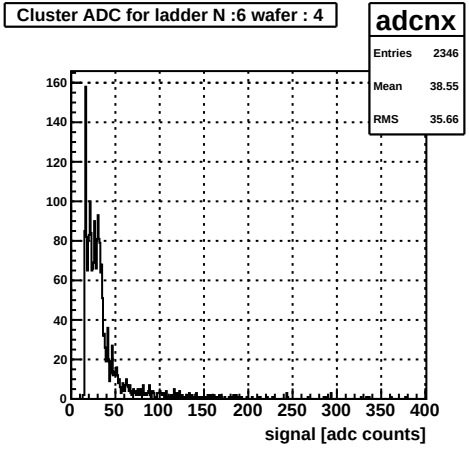

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4513
Mean 40.03
RMS 39.65
signal [adc counts]

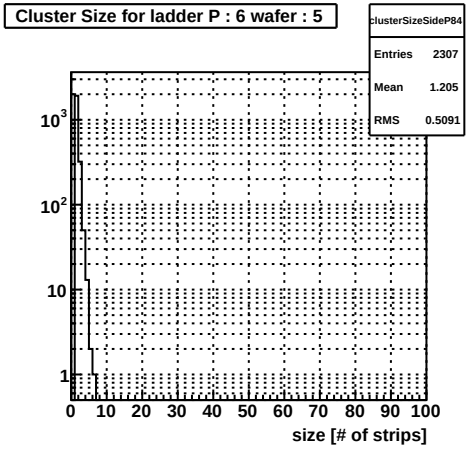

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 790
Mean 1.208
RMS 0.5846
size [# of strips]

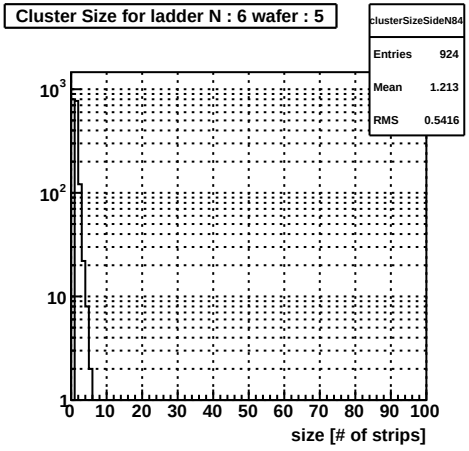

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2346
Mean 1.243
RMS 0.6547
size [# of strips]

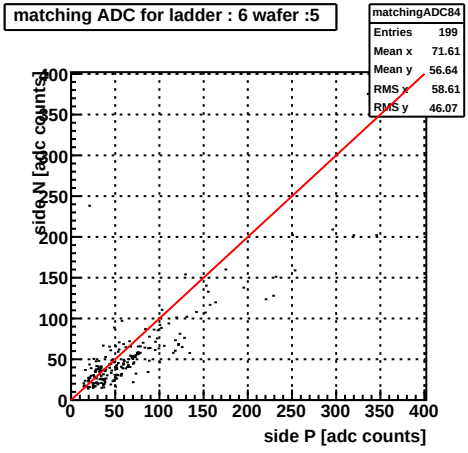

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

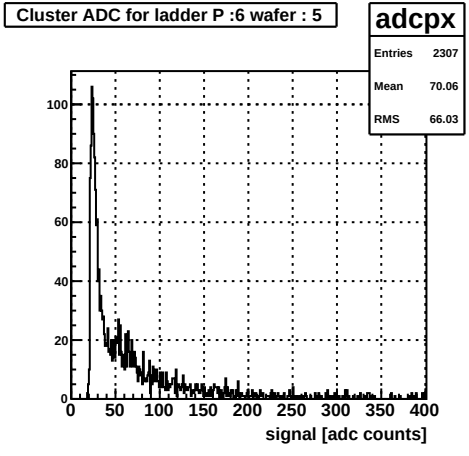

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 790
Mean 52.89
RMS 57.84
signal [adc counts]

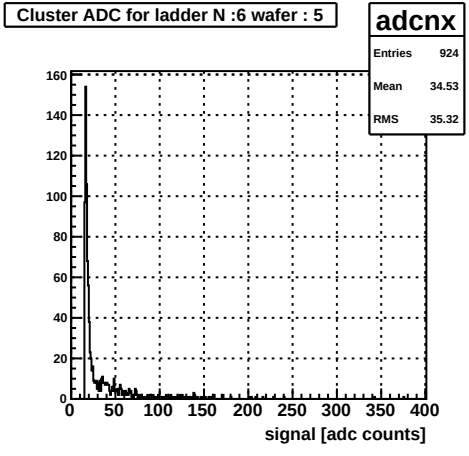

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2346
Mean 38.55
RMS 35.66
signal [adc counts]

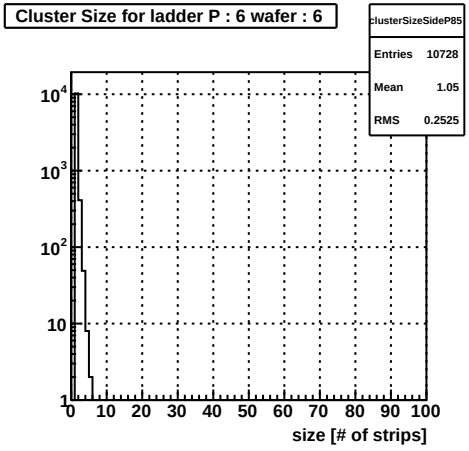

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2307
Mean 1.205
RMS 0.5091
size [# of strips]

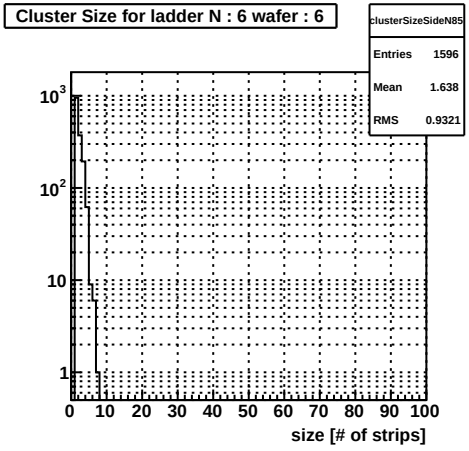

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 924
Mean 1.213
RMS 0.5416
size [# of strips]

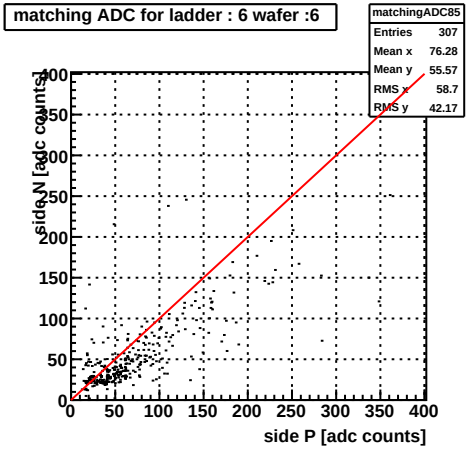

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 199
Mean x 71.61
Mean y 56.64
RMS x 58.61
RMS y 46.07
side N [adc counts]
side P [adc counts]

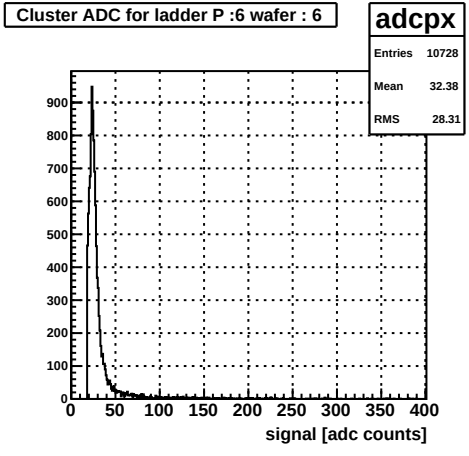

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2307
Mean 70.06
RMS 66.03
signal [adc counts]

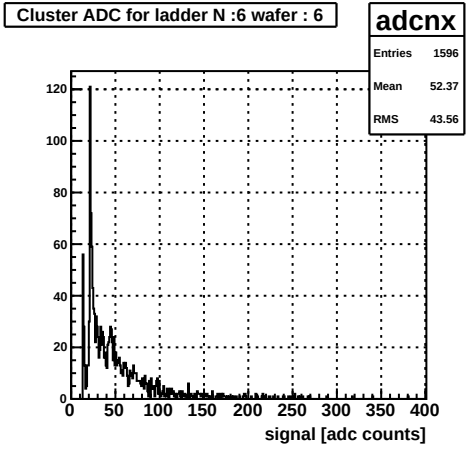

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 924
Mean 34.53
RMS 35.32
signal [adc counts]

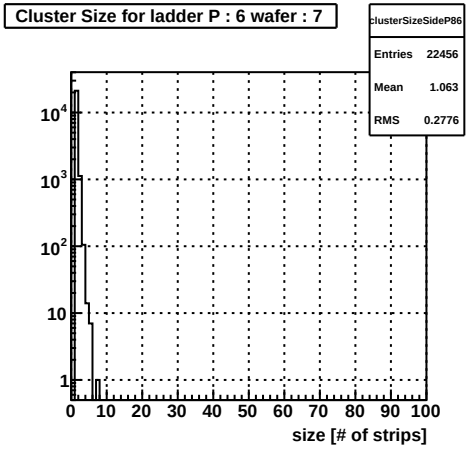

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10728
Mean 1.05
RMS 0.2525
size [# of strips]

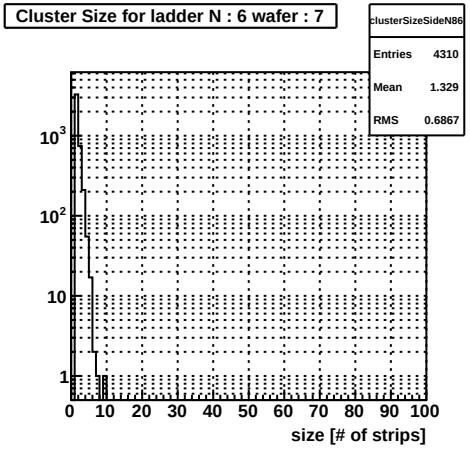

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1596
Mean 1.638
RMS 0.9321
size [# of strips]

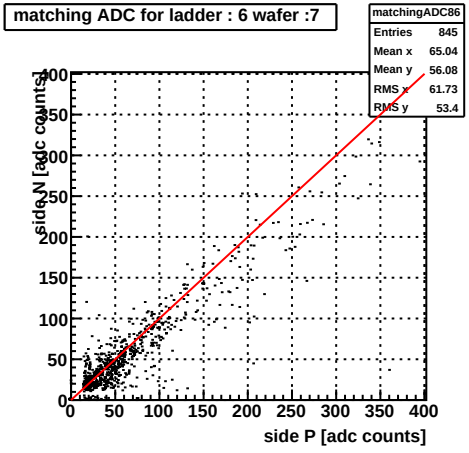

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 307
Mean x 76.28
Mean y 55.57
RMS x 58.7
RMS y 42.17
side N [adc counts]
side P [adc counts]

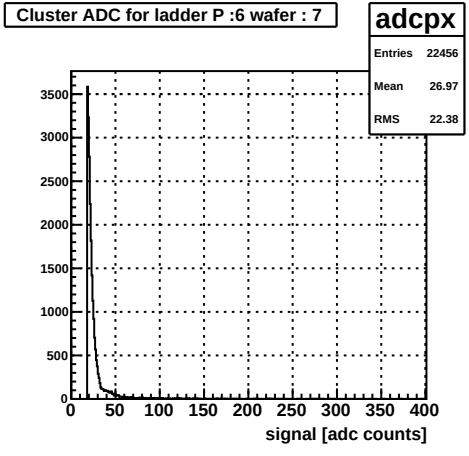

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10728
Mean 32.38
RMS 28.31
signal [adc counts]

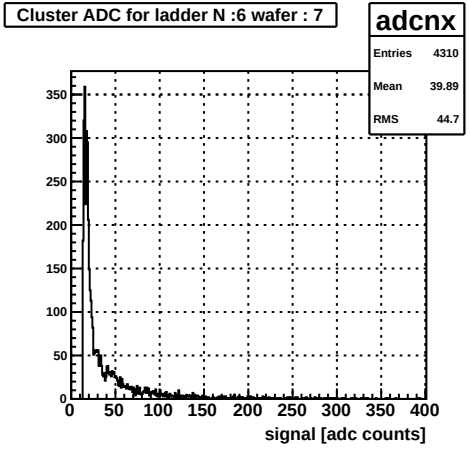

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1596
Mean 52.37
RMS 43.56
signal [adc counts]

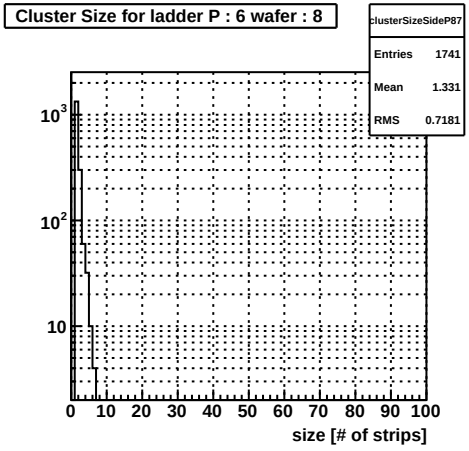

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 22456
Mean 1.063
RMS 0.2776
size [# of strips]

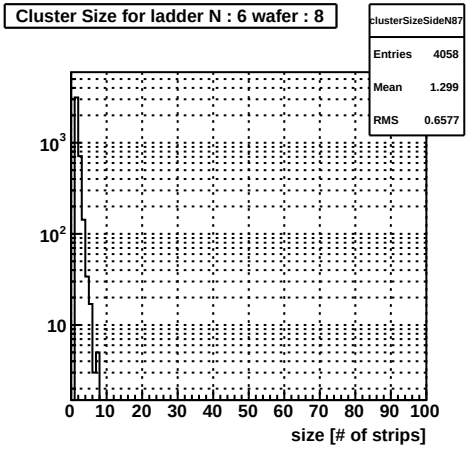

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4310
Mean 1.329
RMS 0.6867
size [# of strips]

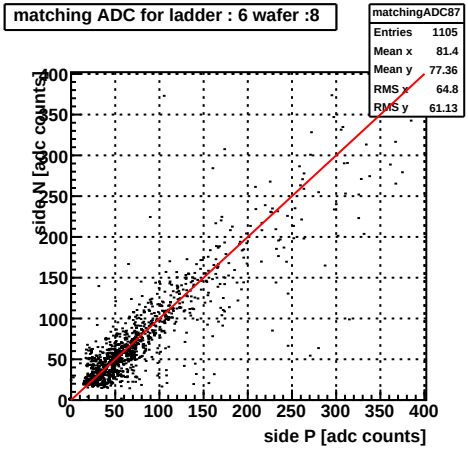

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 845
Mean x 65.04
Mean y 56.08
RMS x 61.73
RMS y 53.4
side N [adc counts]
side P [adc counts]

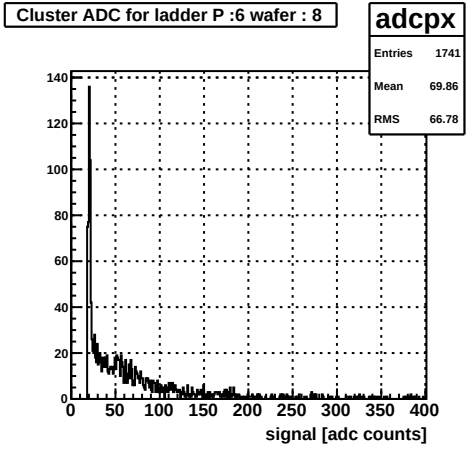

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 22456
Mean 26.97
RMS 22.38
signal [adc counts]

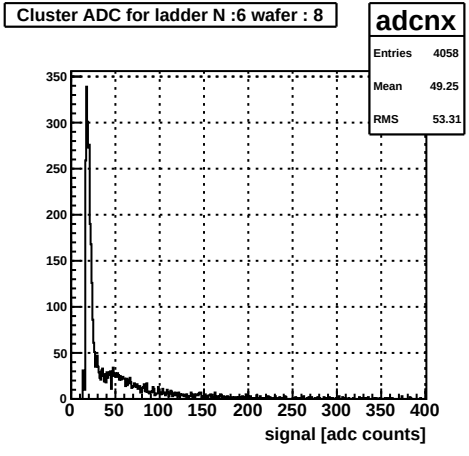

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4310
Mean 39.89
RMS 44.7
signal [adc counts]

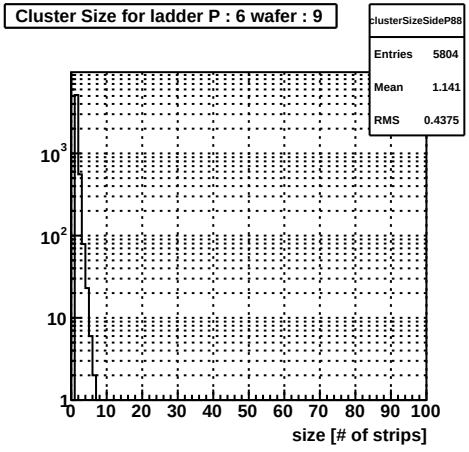

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1741
Mean 1.331
RMS 0.7181
size [# of strips]

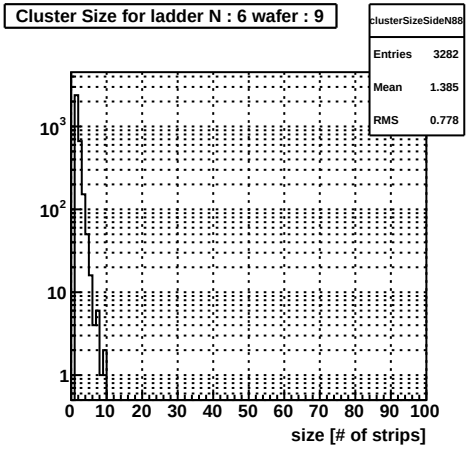

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4058
Mean 1.299
RMS 0.6577
size [# of strips]

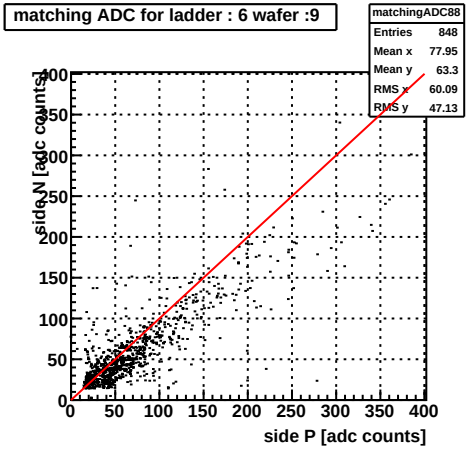

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1105
Mean x 81.4
Mean y 77.36
RMS x 64.8
RMS y 61.13
side N [adc counts]
side P [adc counts]

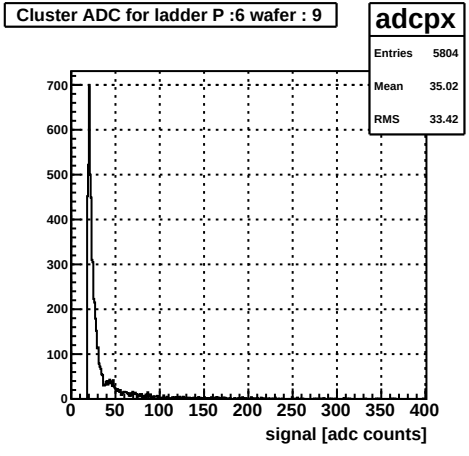

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1741
Mean 69.86
RMS 66.78
signal [adc counts]

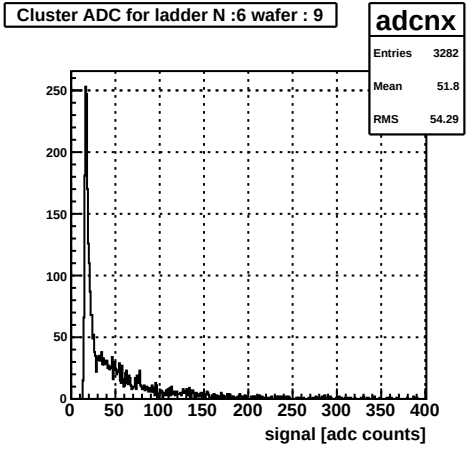

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4058
Mean 49.25
RMS 53.31
signal [adc counts]

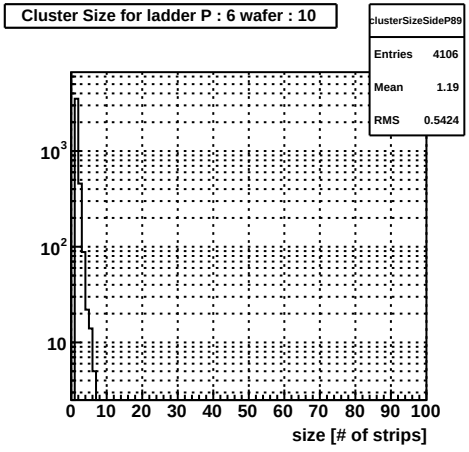

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5804
Mean 1.141
RMS 0.4375
size [# of strips]

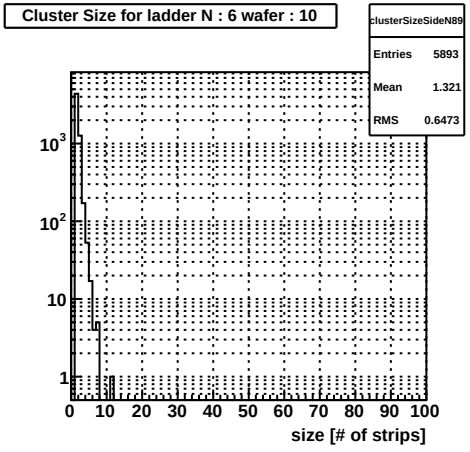

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3282
Mean 1.385
RMS 0.778
size [# of strips]

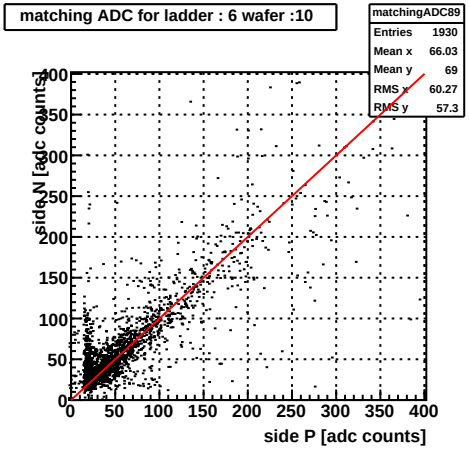

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 848
Mean x 77.95
Mean y 63.3
RMS x 60.09
RMS y 47.13
side N [adc counts]
side P [adc counts]

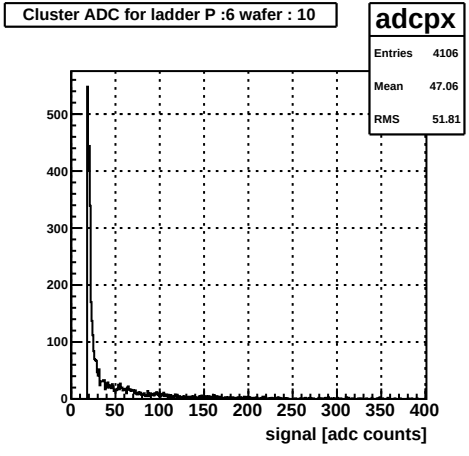

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5804
Mean 35.02
RMS 33.42
signal [adc counts]

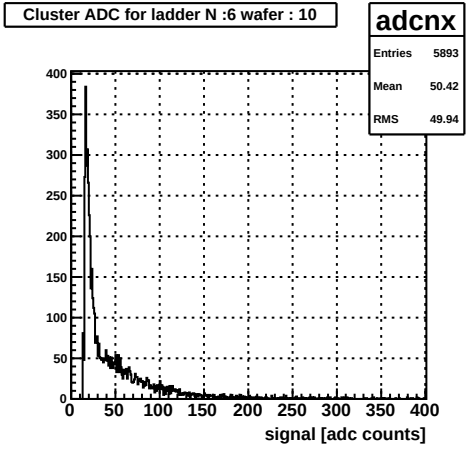

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3282
Mean 51.8
RMS 54.29
signal [adc counts]

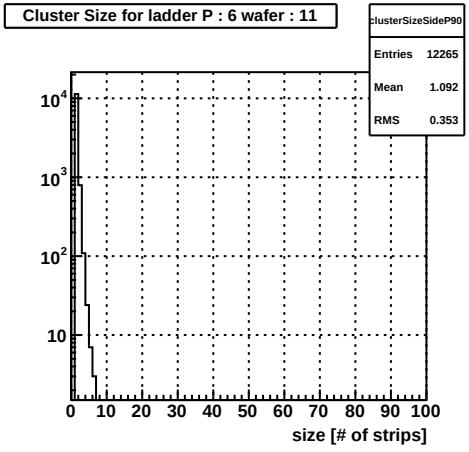

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4106
Mean 1.19
RMS 0.5424
size [# of strips]

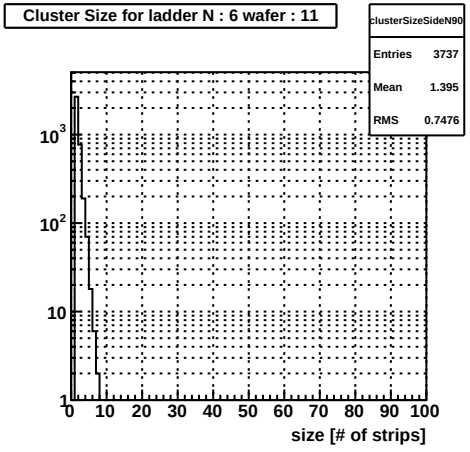

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5893
Mean 1.321
RMS 0.6473
size [# of strips]

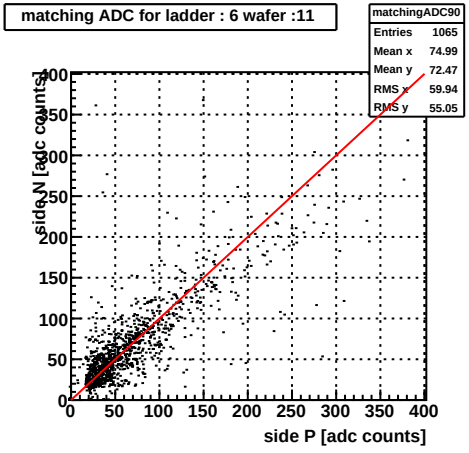

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1930
Mean x 66.03
Mean y 69
RMS x 60.27
RMS y 57.3
side N [adc counts]
side P [adc counts]

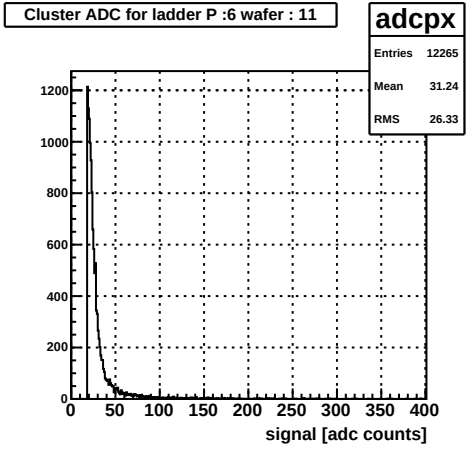

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4106
Mean 47.06
RMS 51.81
signal [adc counts]

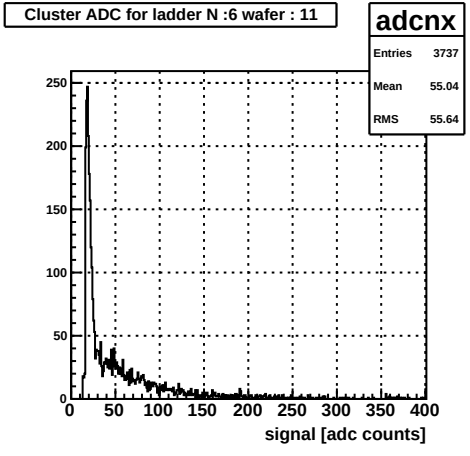

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5893
Mean 50.42
RMS 49.94
signal [adc counts]

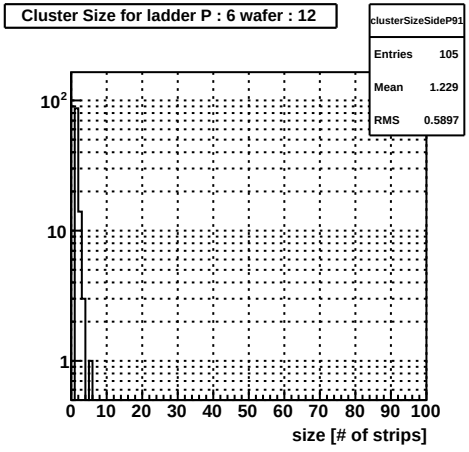

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 12265
Mean 1.092
RMS 0.353
size [# of strips]

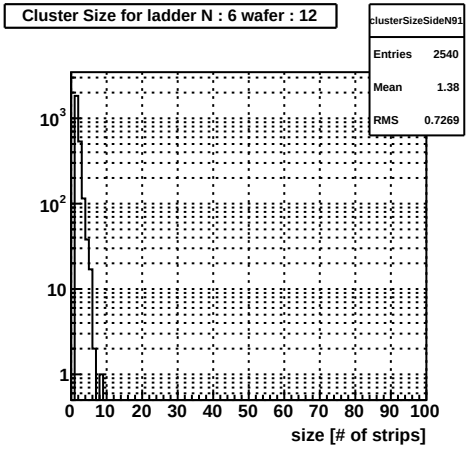

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3737
Mean 1.395
RMS 0.7476
size [# of strips]

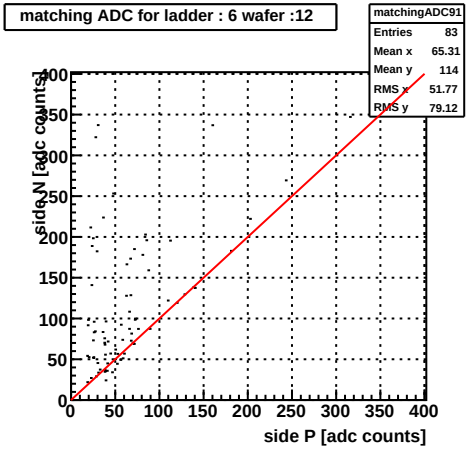

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1065
Mean x 74.99
Mean y 72.47
RMS x 59.94
RMS y 55.05
side N [adc counts]
side P [adc counts]

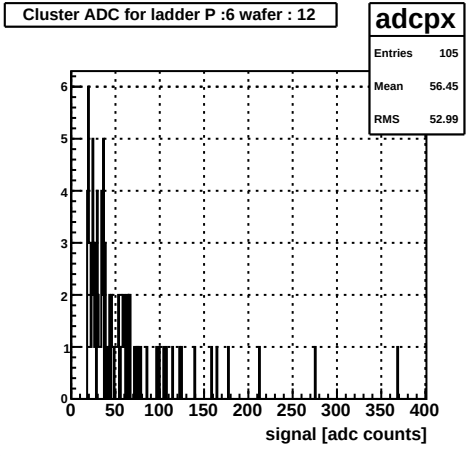

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 12265
Mean 31.24
RMS 26.33
signal [adc counts]

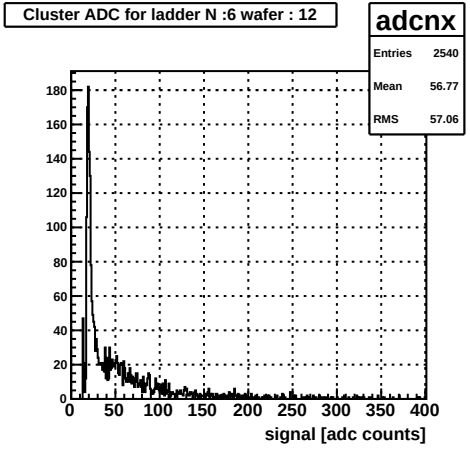

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3737
Mean 55.04
RMS 55.64
signal [adc counts]

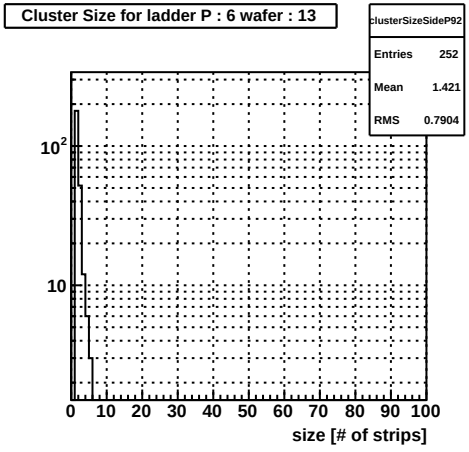

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 105
Mean 1.229
RMS 0.5897
size [# of strips]

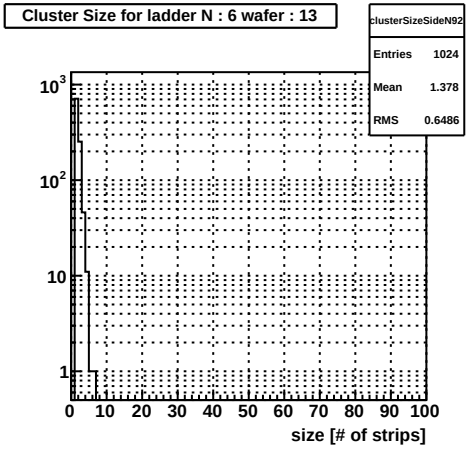

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2540
Mean 1.38
RMS 0.7269
size [# of strips]

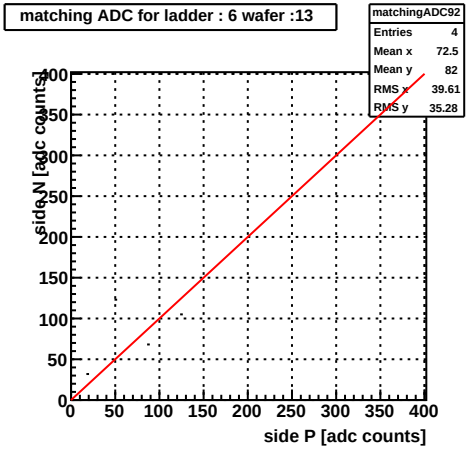

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 83
Mean x 65.31
Mean y 114
RMS x 51.77
RMS y 79.12
side N [adc counts]
side P [adc counts]

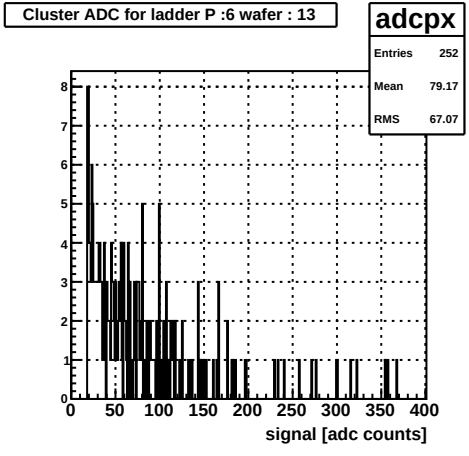

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 105
Mean 56.45
RMS 52.99
signal [adc counts]

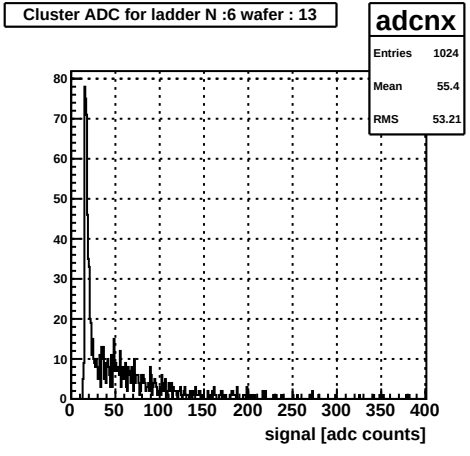

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2540
Mean 56.77
RMS 57.06
signal [adc counts]

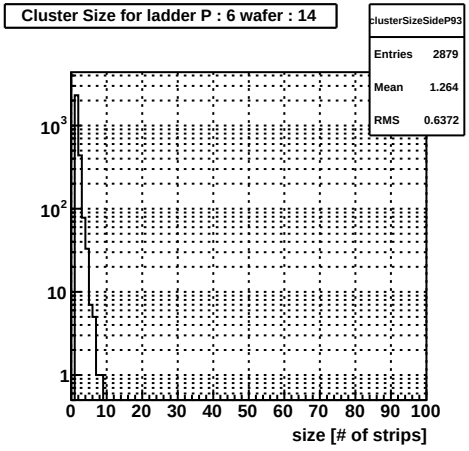

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 252
Mean 1.421
RMS 0.7904
size [# of strips]

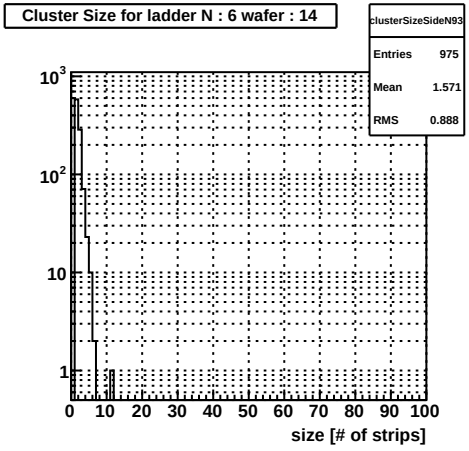

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1024
Mean 1.378
RMS 0.6486
size [# of strips]

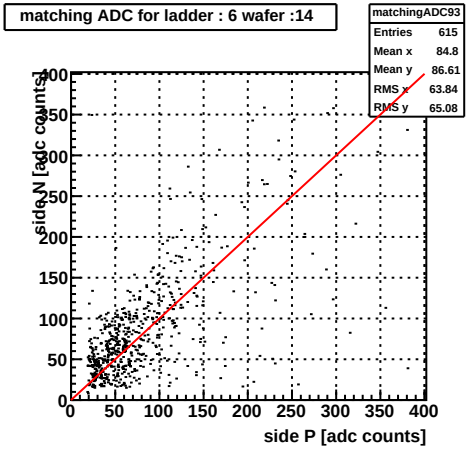

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 72.5
Mean y 82
RMS x 39.61
RMS y 35.28
side N [adc counts]
side P [adc counts]

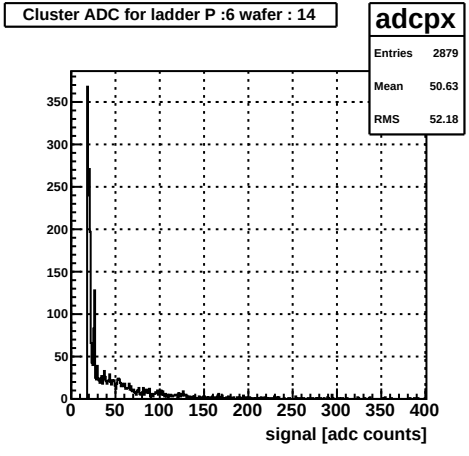

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 252
Mean 79.17
RMS 67.07
signal [adc counts]

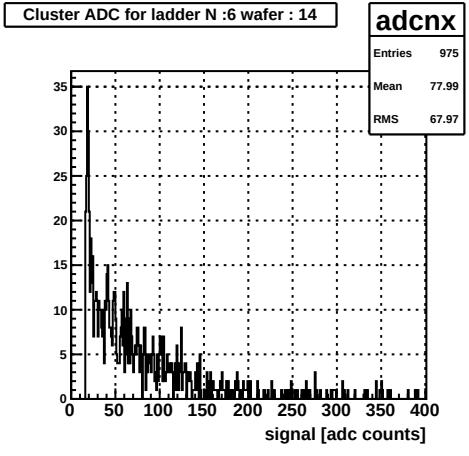

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1024
Mean 55.4
RMS 53.21
signal [adc counts]

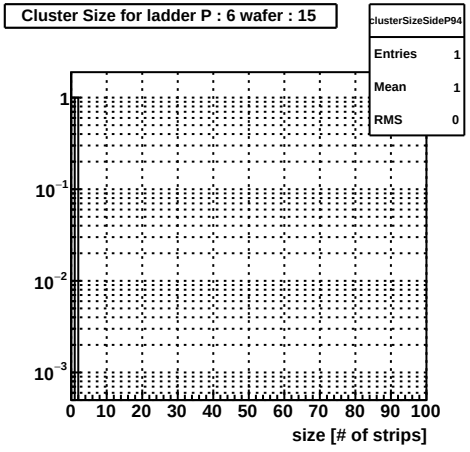

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2879
Mean 1.264
RMS 0.6372
size [# of strips]

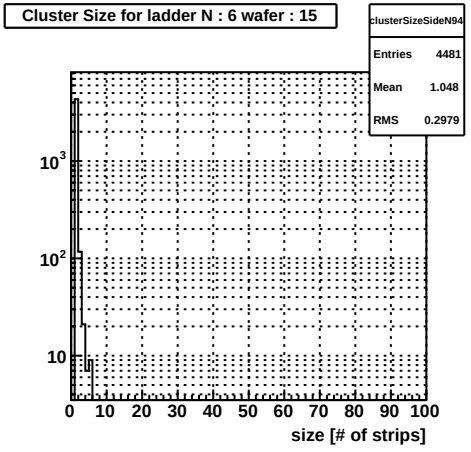

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 975
Mean 1.571
RMS 0.888
size [# of strips]

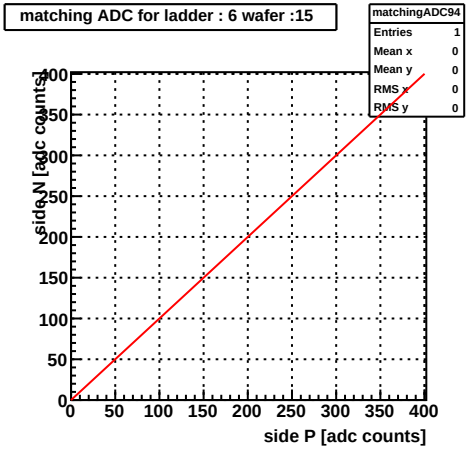

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 615
Mean x 84.8
Mean y 86.61
RMS x 63.84
RMS y 65.08
side N [adc counts]
side P [adc counts]

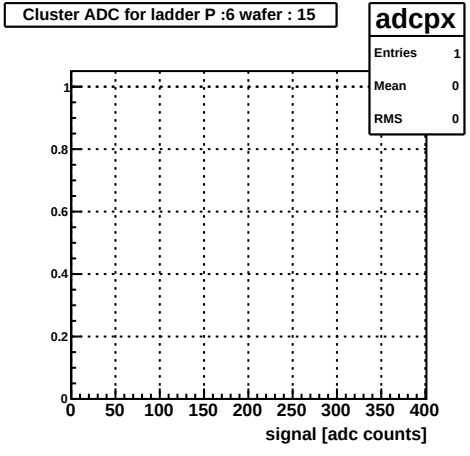

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2879
Mean 50.63
RMS 52.18
signal [adc counts]

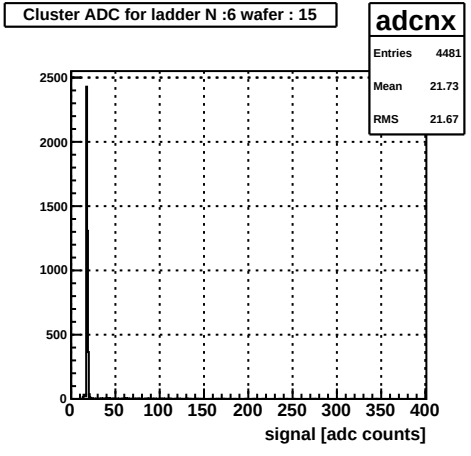

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 975
Mean 77.99
RMS 67.97
signal [adc counts]

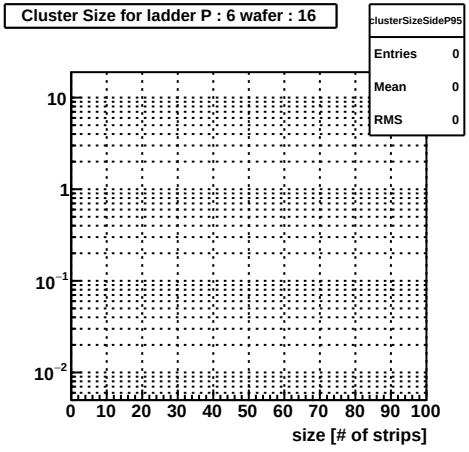

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

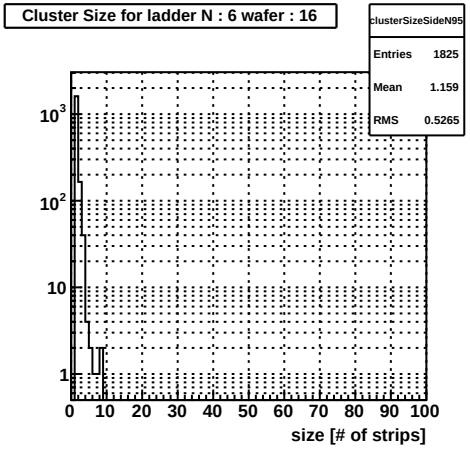

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4481
Mean 1.048
RMS 0.2979
size [# of strips]

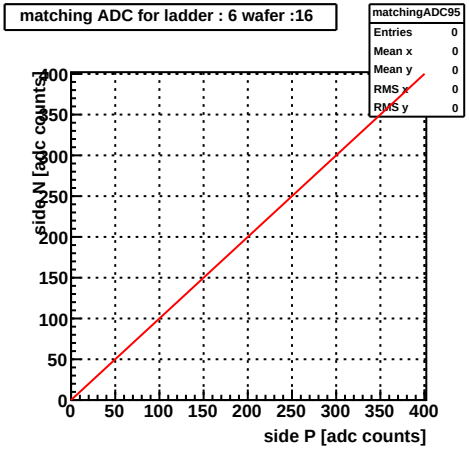

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

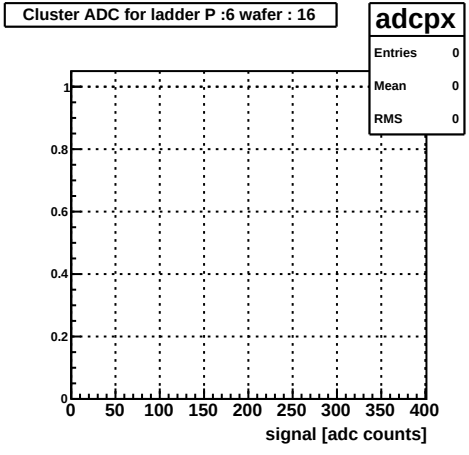

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

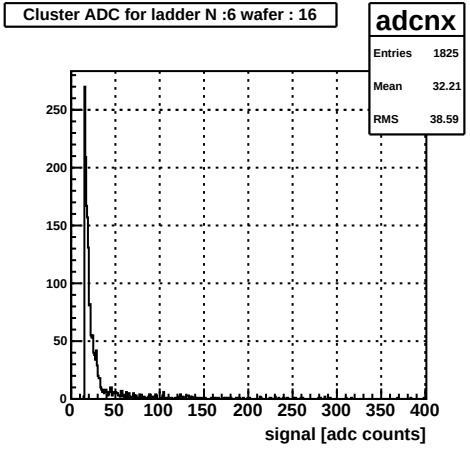

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4481
Mean 21.73
RMS 21.67
signal [adc counts]

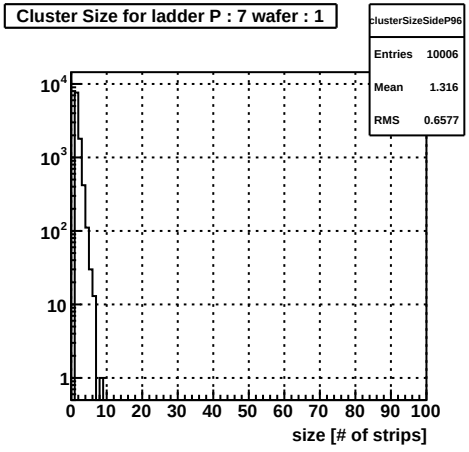

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

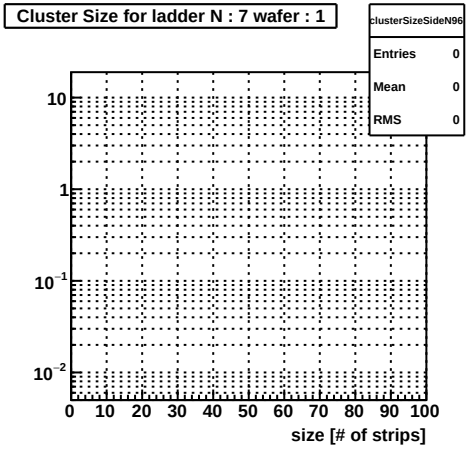

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1825
Mean 1.159
RMS 0.5265
size [# of strips]

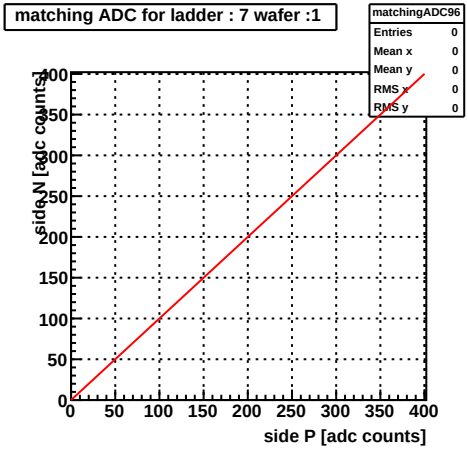

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

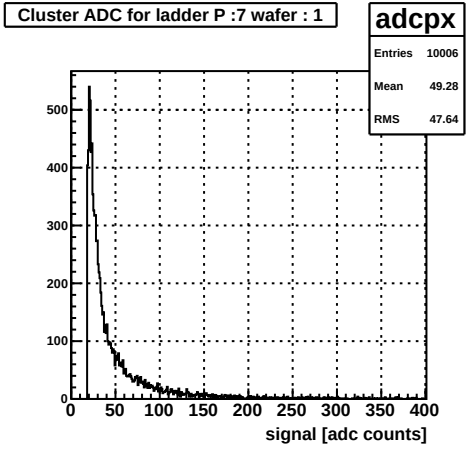

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

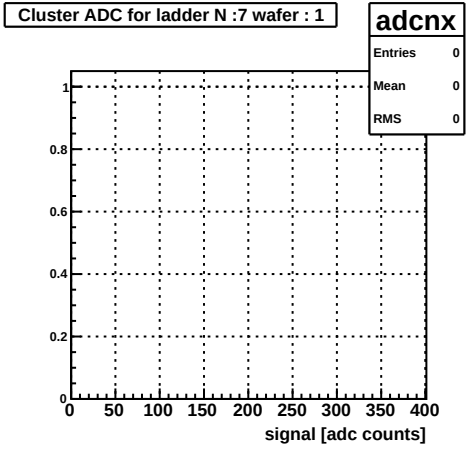

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1825
Mean 32.21
RMS 38.59
signal [adc counts]

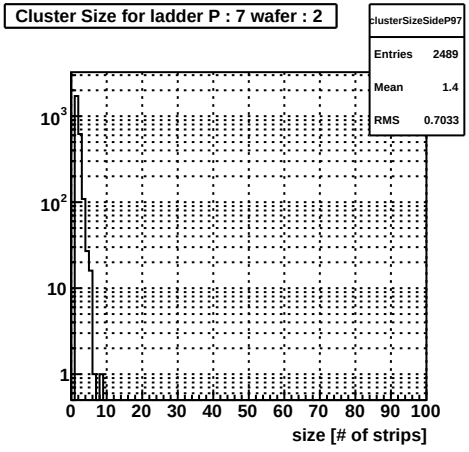

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 10006
Mean 1.316
RMS 0.6577
size [# of strips]

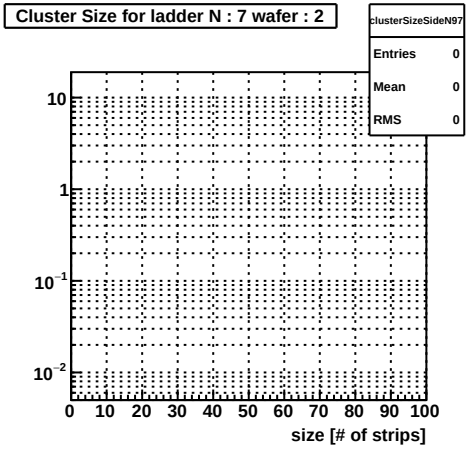

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

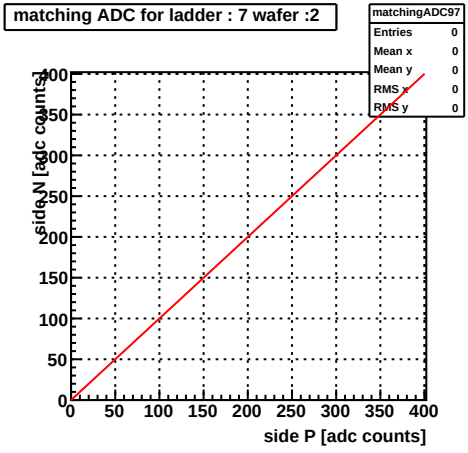

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

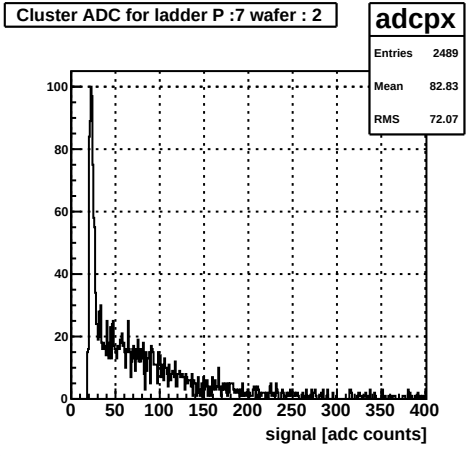

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 10006
Mean 49.28
RMS 47.64
signal [adc counts]

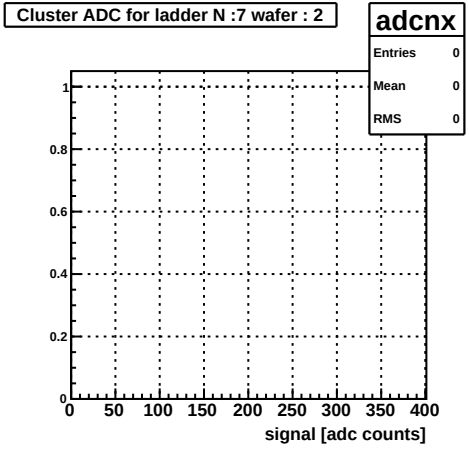

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

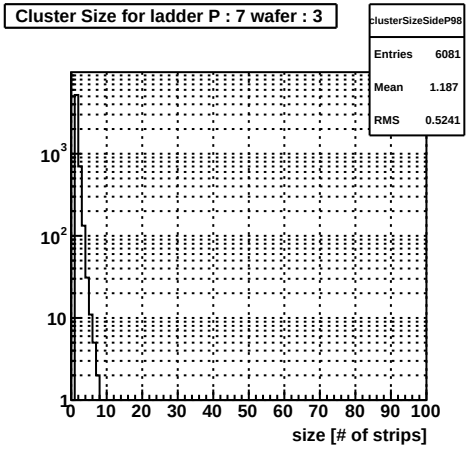

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2489
Mean 1.4
RMS 0.7033
size [# of strips]

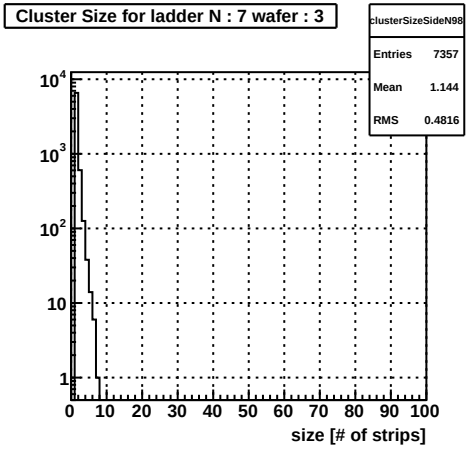

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

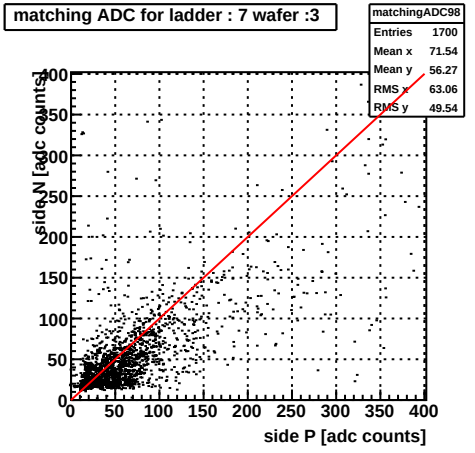

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

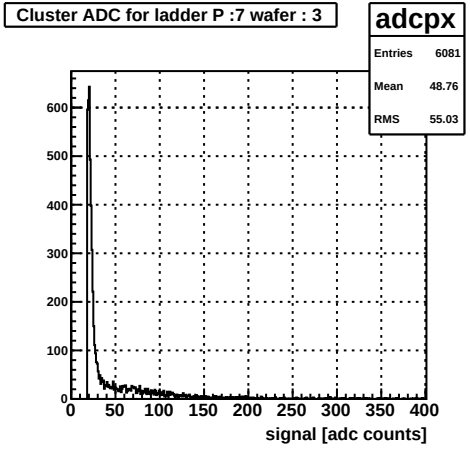

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2489
Mean 82.83
RMS 72.07
signal [adc counts]

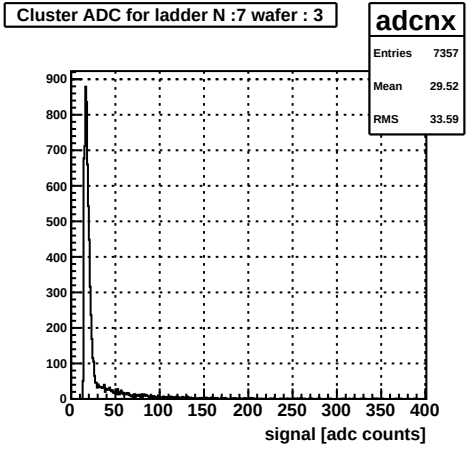

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

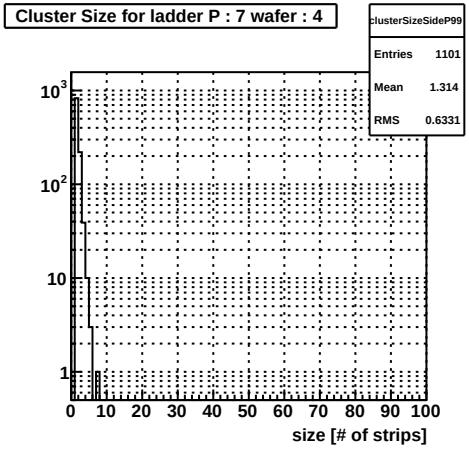

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6081
Mean 1.187
RMS 0.5241
size [# of strips]

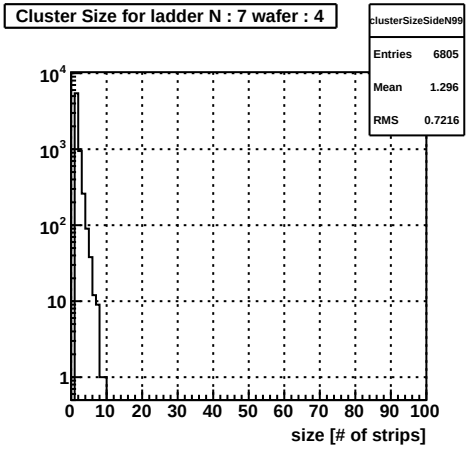

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7357
Mean 1.144
RMS 0.4816
size [# of strips]

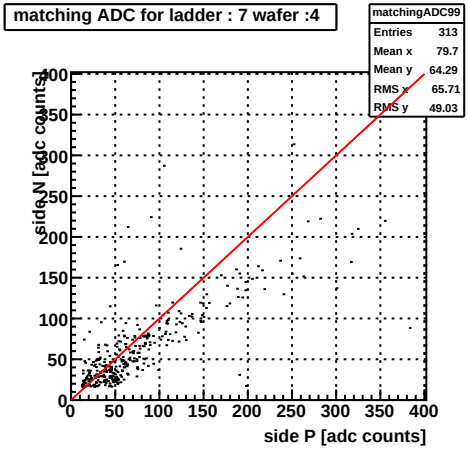

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1700
Mean x 71.54
Mean y 56.27
RMS x 63.06
RMS y 49.54
side N [adc counts]
side P [adc counts]

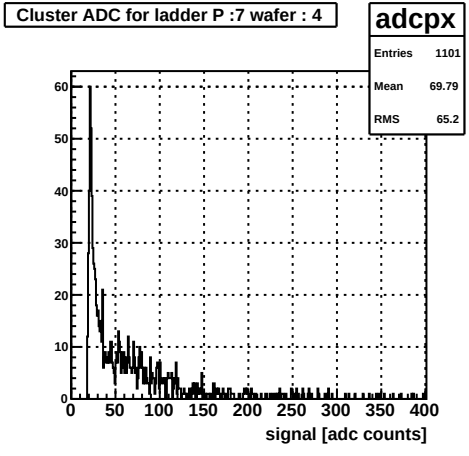

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6081
Mean 48.76
RMS 55.03
signal [adc counts]

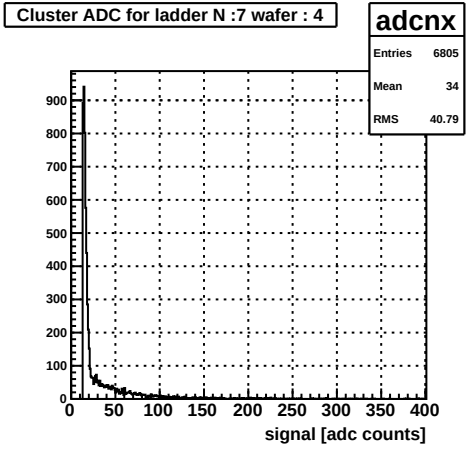

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7357
Mean 29.52
RMS 33.59
signal [adc counts]

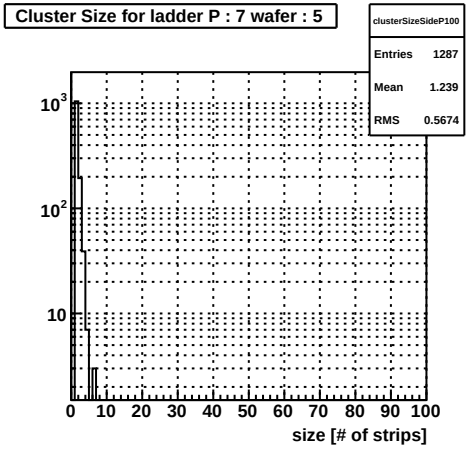

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1101
Mean 1.314
RMS 0.6331
size [# of strips]

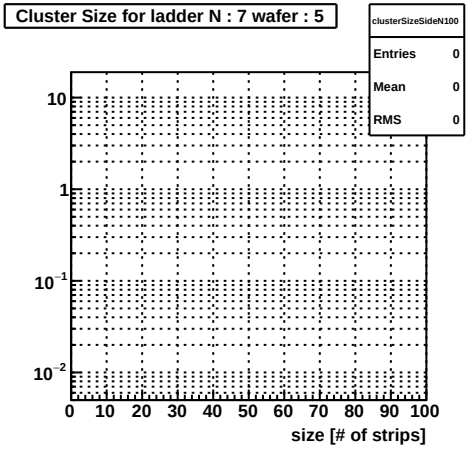

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6805
Mean 1.296
RMS 0.7216
size [# of strips]

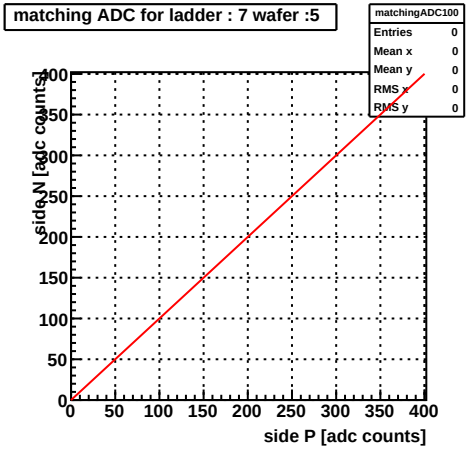

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 313
Mean x 79.7
Mean y 64.29
RMS x 65.71
RMS y 49.03
side N [adc counts]
side P [adc counts]

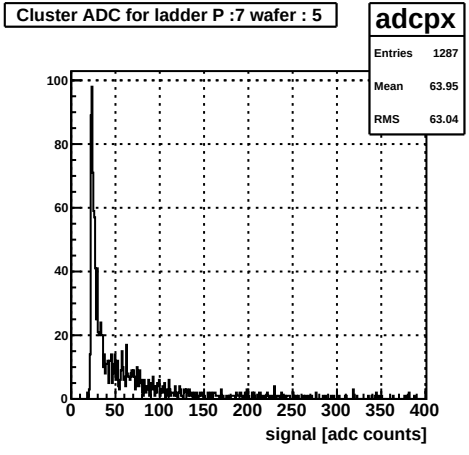

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1101
Mean 69.79
RMS 65.2
signal [adc counts]

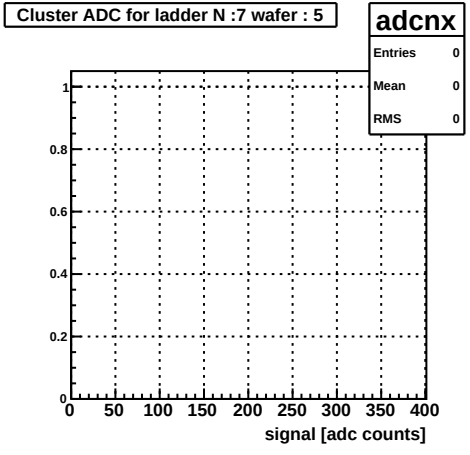

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6805
Mean 34
RMS 40.79
signal [adc counts]

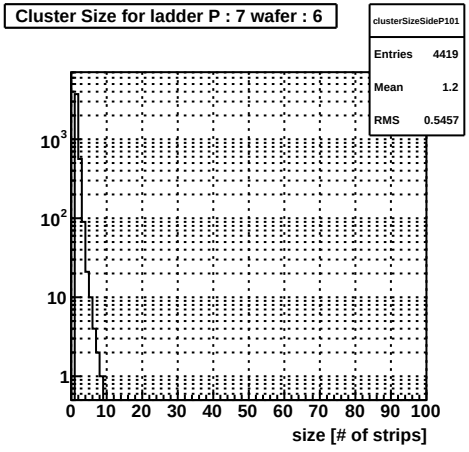

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1287
Mean 1.239
RMS 0.5674
size [# of strips]

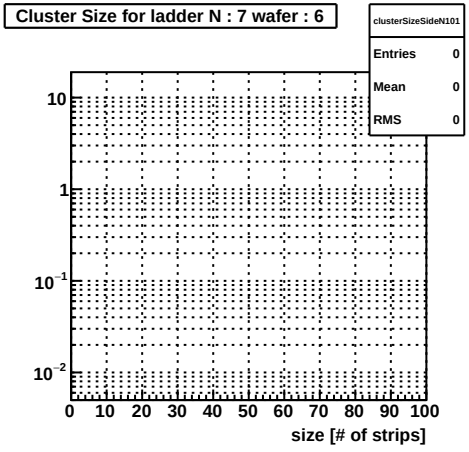

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

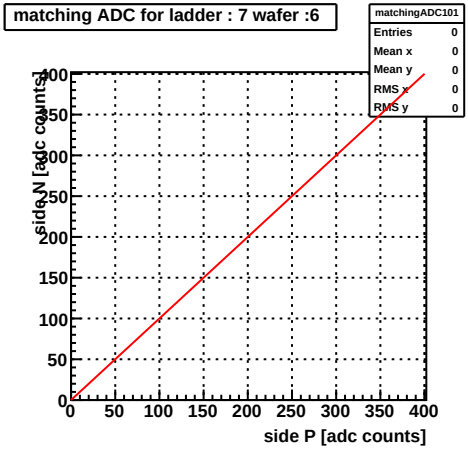

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

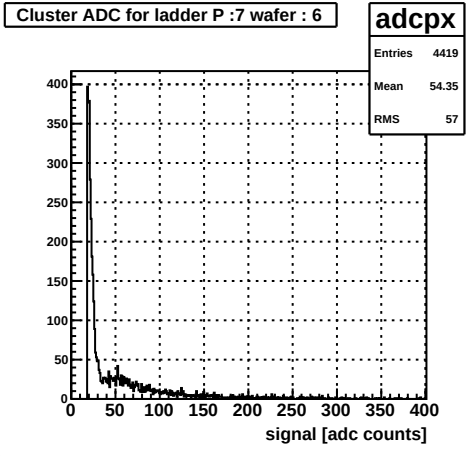

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1287
Mean 63.95
RMS 63.04
signal [adc counts]

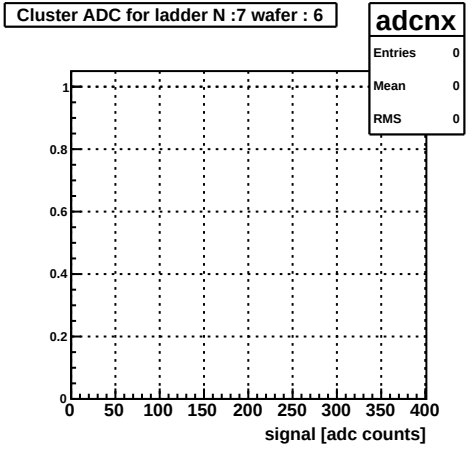

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

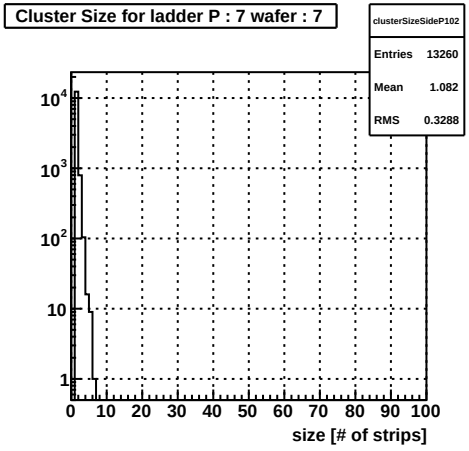

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4419
Mean 1.2
RMS 0.5457
size [# of strips]

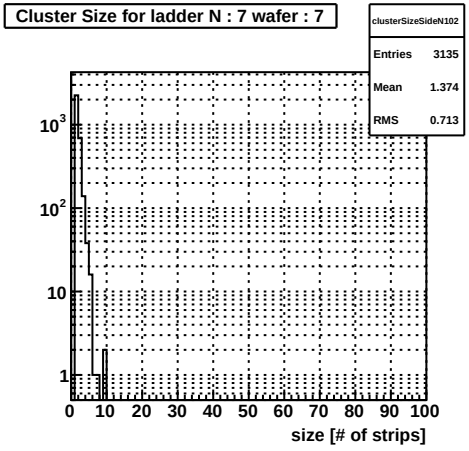

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

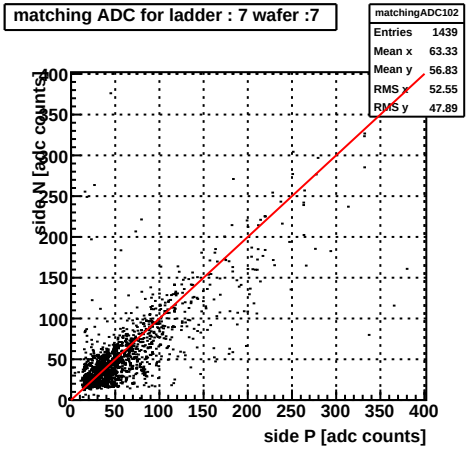

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

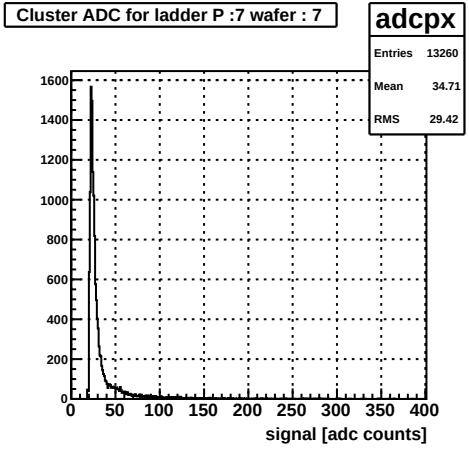

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4419
Mean 54.35
RMS 57
signal [adc counts]

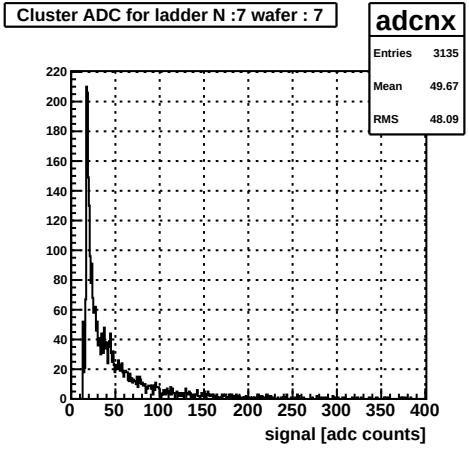

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

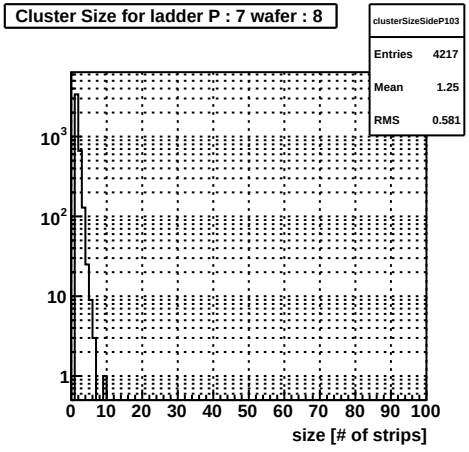

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13260
Mean 1.082
RMS 0.3288
size [# of strips]

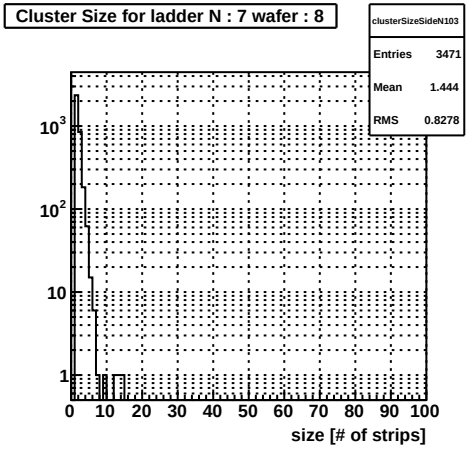

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3135
Mean 1.374
RMS 0.713
size [# of strips]

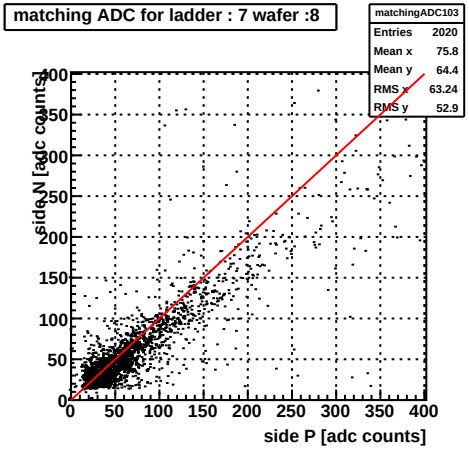

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1439
Mean x 63.33
Mean y 56.83
RMS x 52.55
RMS y 47.89
side N [adc counts]
side P [adc counts]

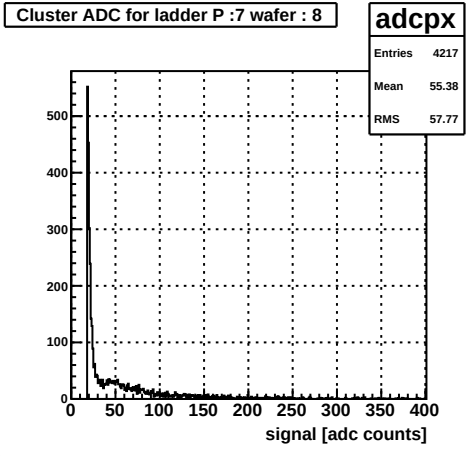

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13260
Mean 34.71
RMS 29.42
signal [adc counts]

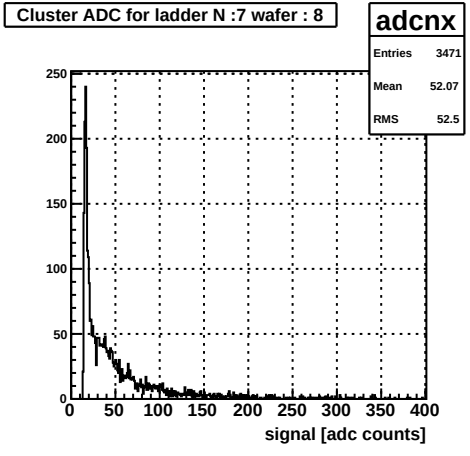

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3135
Mean 49.67
RMS 48.09
signal [adc counts]

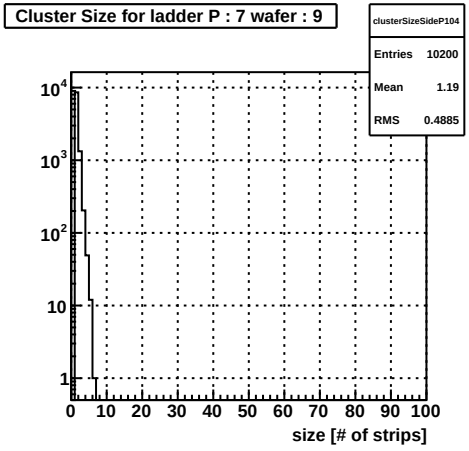

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4217
Mean 1.25
RMS 0.581
size [# of strips]

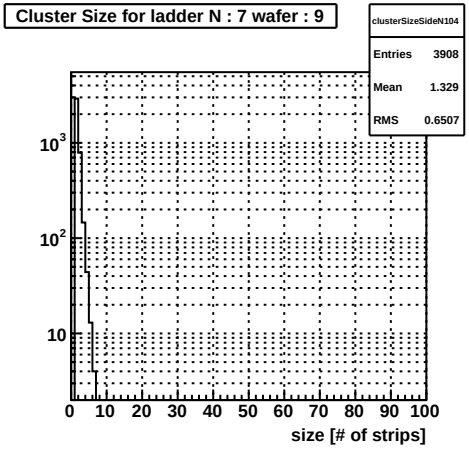

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3471
Mean 1.444
RMS 0.8278
size [# of strips]

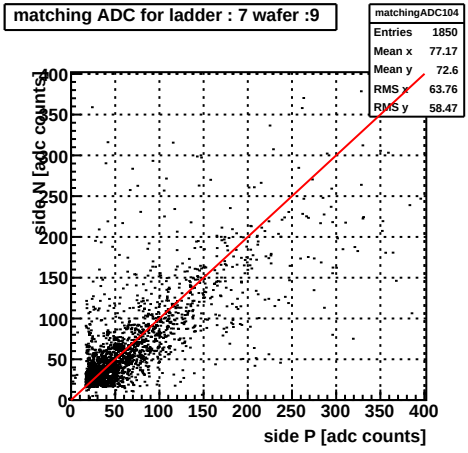

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2020
Mean x 75.8
Mean y 64.4
RMS x 63.24
RMS y 52.9
side N [adc counts]
side P [adc counts]

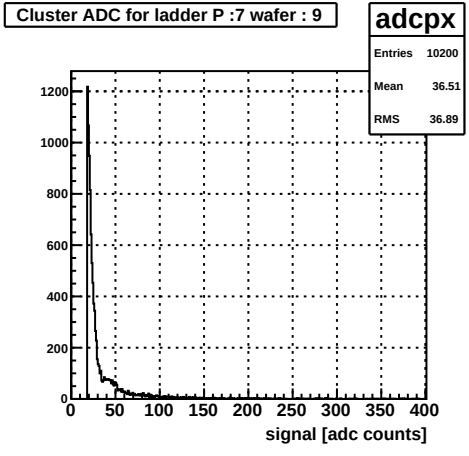

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4217
Mean 55.38
RMS 57.77
signal [adc counts]

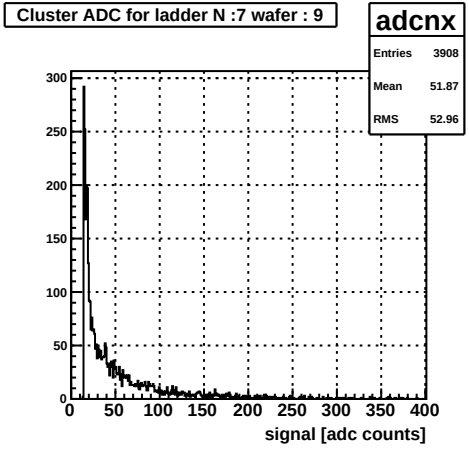

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3471
Mean 52.07
RMS 52.5
signal [adc counts]

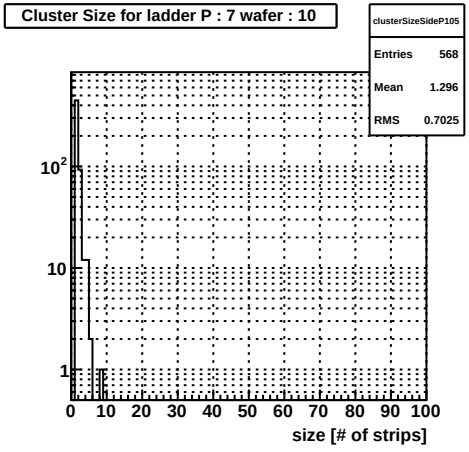

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10200
Mean 1.19
RMS 0.4885
size [# of strips]

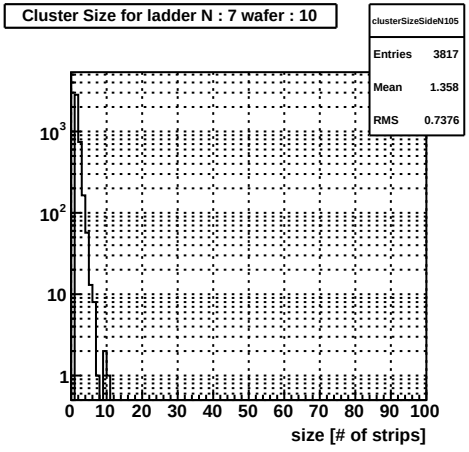

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3908
Mean 1.329
RMS 0.6507
size [# of strips]

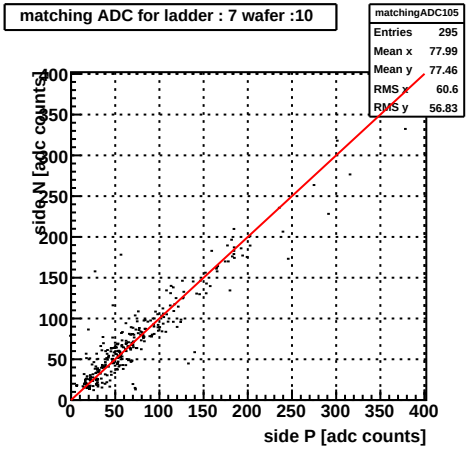

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1850
Mean x 77.17
Mean y 72.6
RMS x 63.76
RMS y 58.47
side N [adc counts]
side P [adc counts]

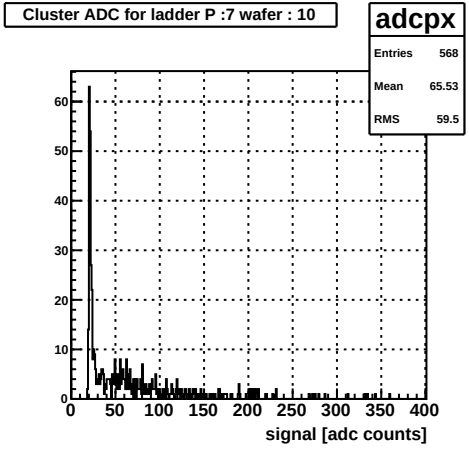

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10200
Mean 36.51
RMS 36.89
signal [adc counts]

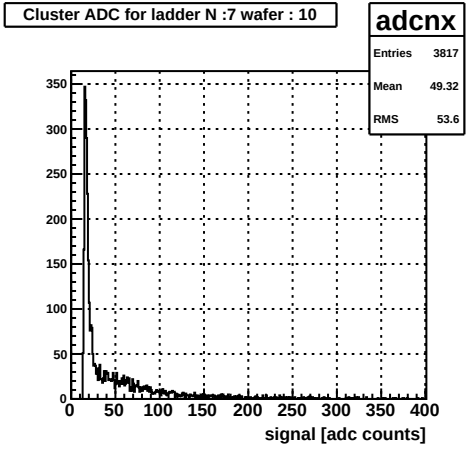

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3908
Mean 51.87
RMS 52.96
signal [adc counts]

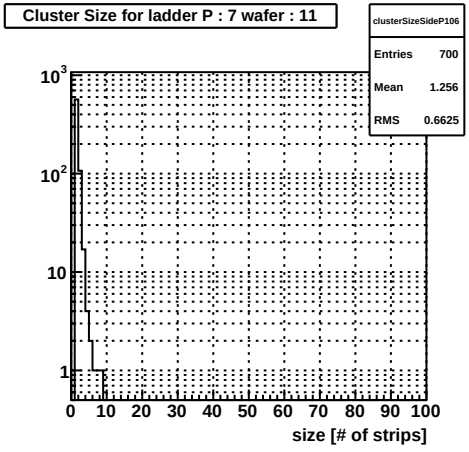

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 568
Mean 1.296
RMS 0.7025
size [# of strips]

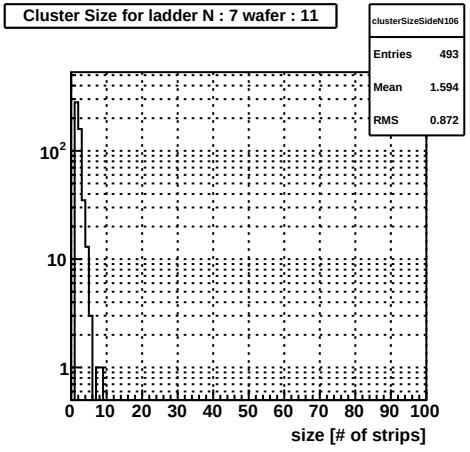

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3817
Mean 1.358
RMS 0.7376
size [# of strips]

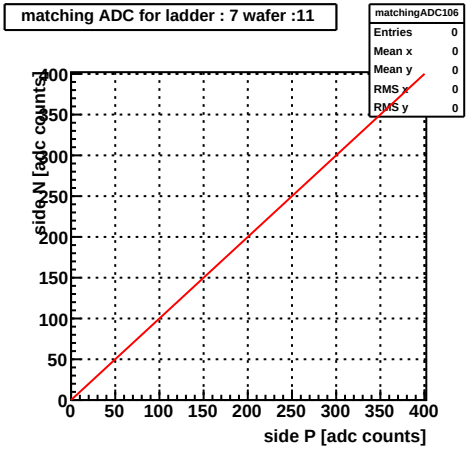

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 295
Mean x 77.99
Mean y 77.46
RMS x 60.6
RMS y 56.83
side N [adc counts]
side P [adc counts]

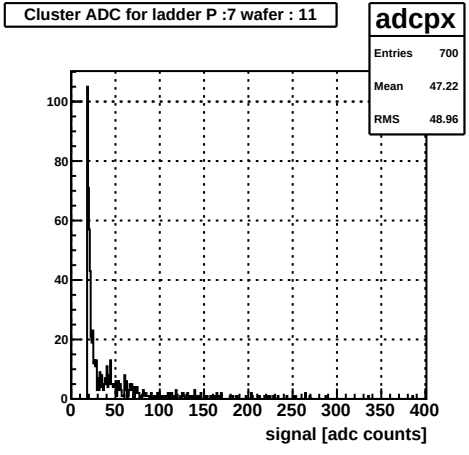

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 568
Mean 65.53
RMS 59.5
signal [adc counts]

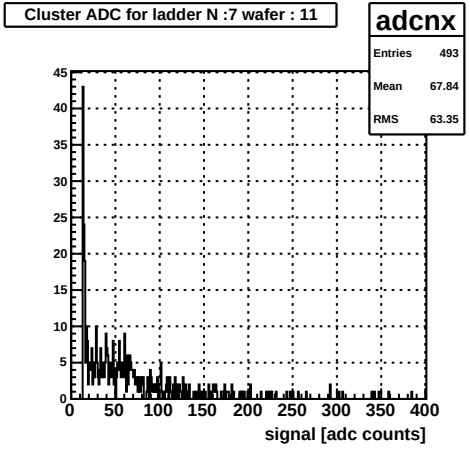

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3817
Mean 49.32
RMS 53.6
signal [adc counts]

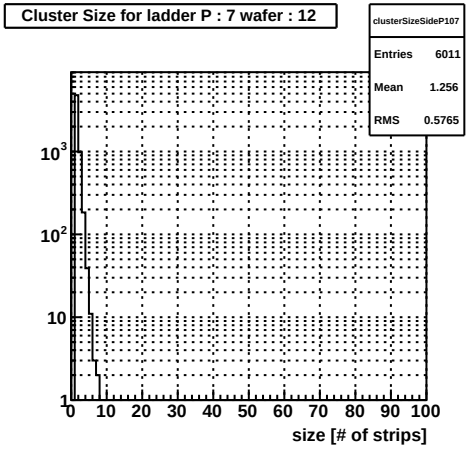

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 700
Mean 1.256
RMS 0.6625
size [# of strips]

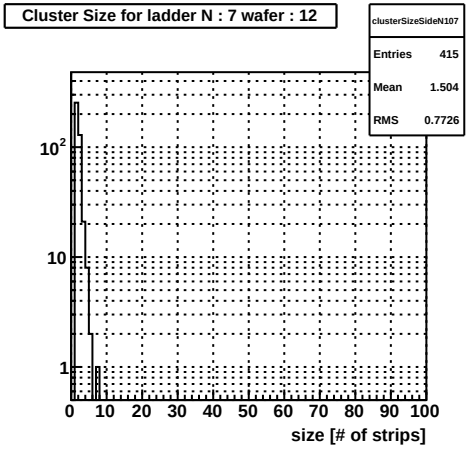

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 493
Mean 1.594
RMS 0.872
size [# of strips]

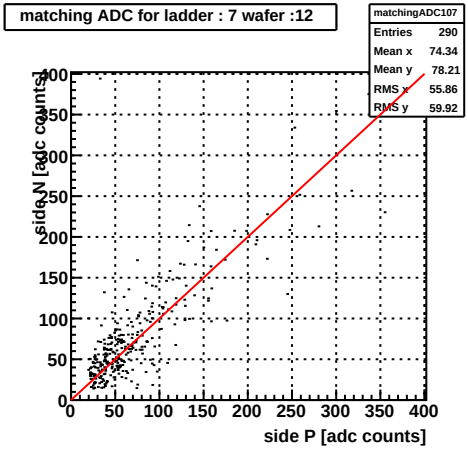

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

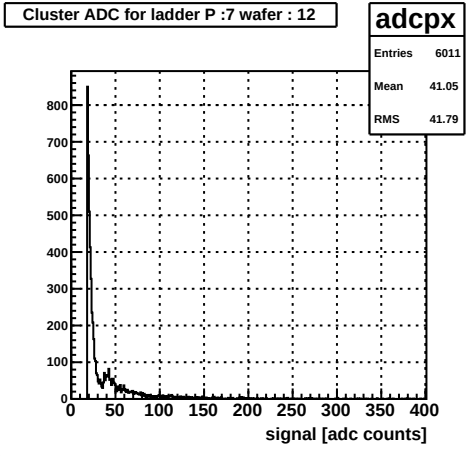

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 700
Mean 47.22
RMS 48.96
signal [adc counts]

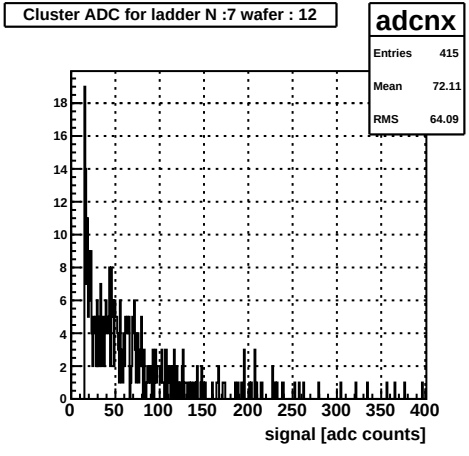

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 493
Mean 67.84
RMS 63.35
signal [adc counts]

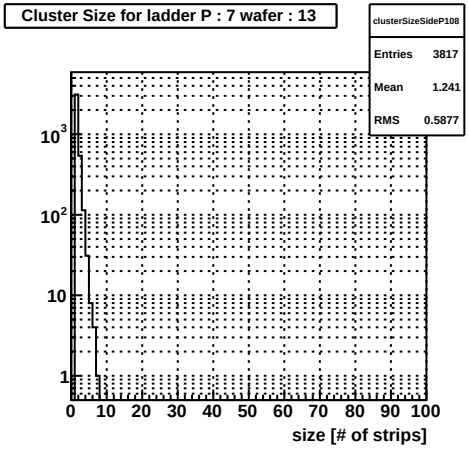

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 6011
Mean 1.256
RMS 0.5765
size [# of strips]

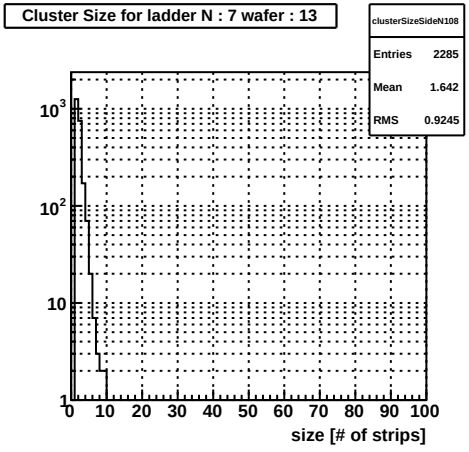

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 415
Mean 1.504
RMS 0.7726
size [# of strips]

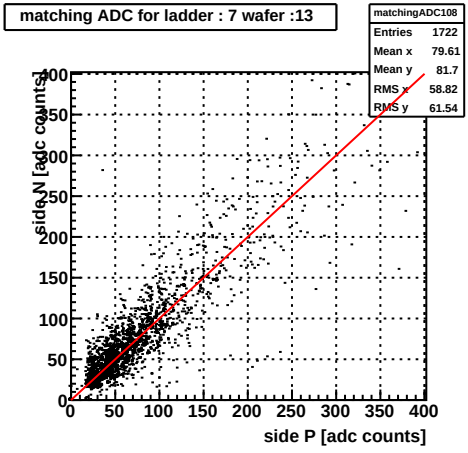

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 290
Mean x 74.34
Mean y 78.21
RMS x 55.86
RMS y 59.92
side N [adc counts]
side P [adc counts]

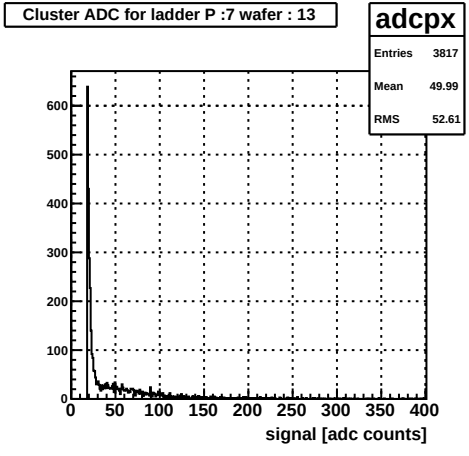

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 6011
Mean 41.05
RMS 41.79
signal [adc counts]

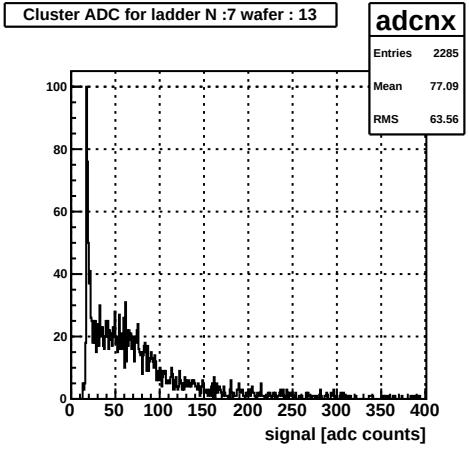

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 415
Mean 72.11
RMS 64.09
signal [adc counts]

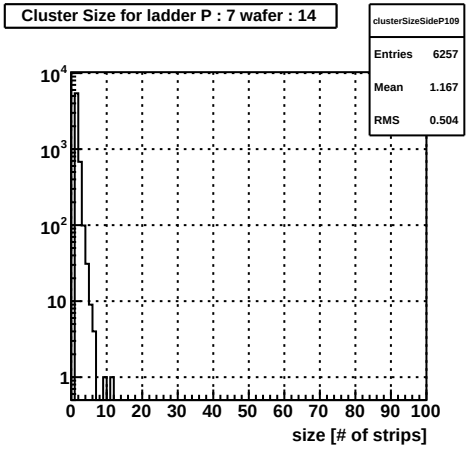

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3817
Mean 1.241
RMS 0.5877
size [# of strips]

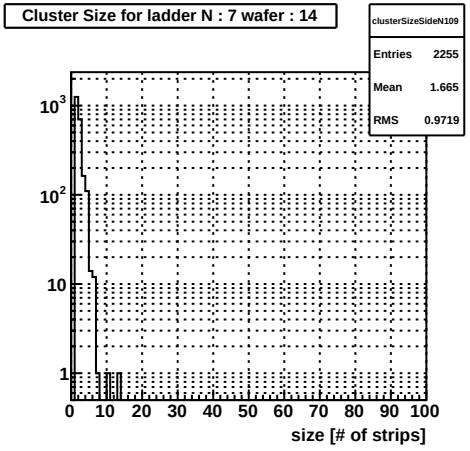

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2285
Mean 1.642
RMS 0.9245
size [# of strips]

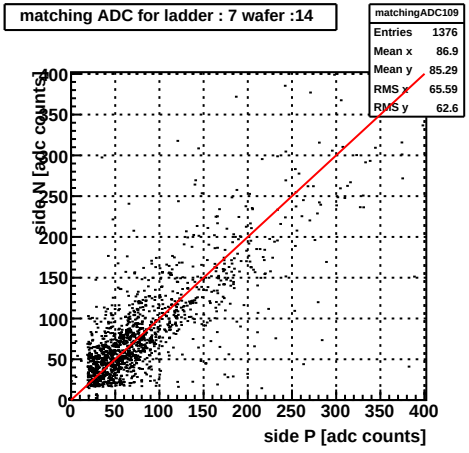

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1722
Mean x 79.61
Mean y 81.7
RMS x 58.82
RMS y 61.54
side N [adc counts]
side P [adc counts]

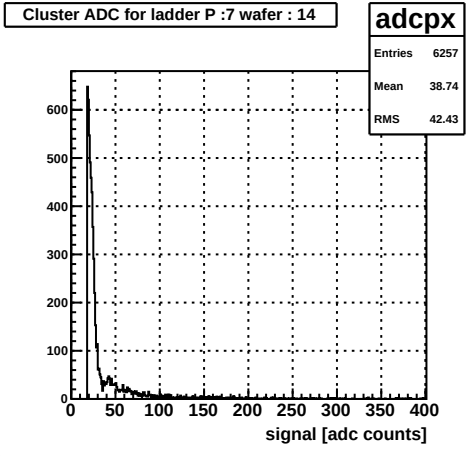

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3817
Mean 49.99
RMS 52.61
signal [adc counts]

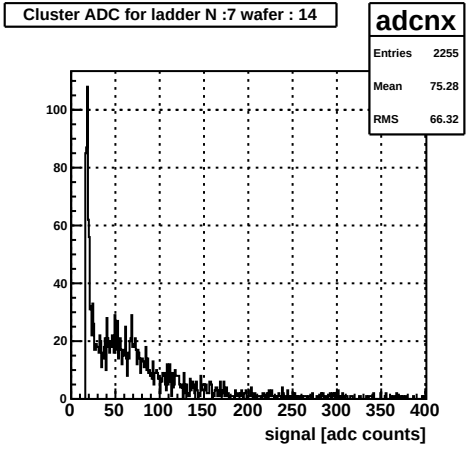

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2285
Mean 77.09
RMS 63.56
signal [adc counts]

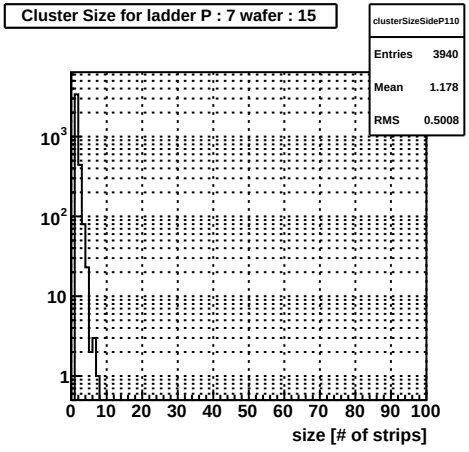

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6257
Mean 1.167
RMS 0.504
size [# of strips]

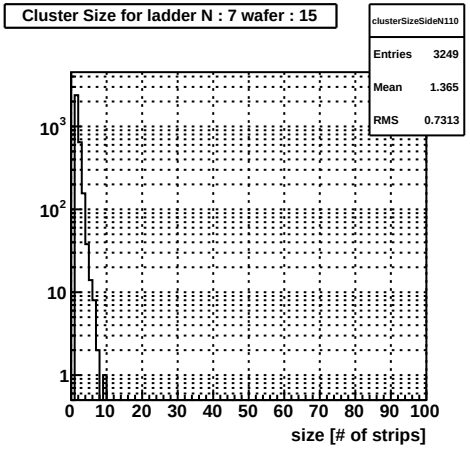

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2255
Mean 1.665
RMS 0.9719
size [# of strips]

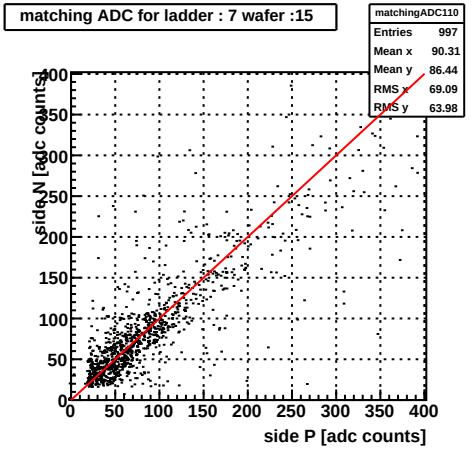

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1376
Mean x 86.9
Mean y 85.29
RMS x 65.59
RMS y 62.6
side N [adc counts]
side P [adc counts]

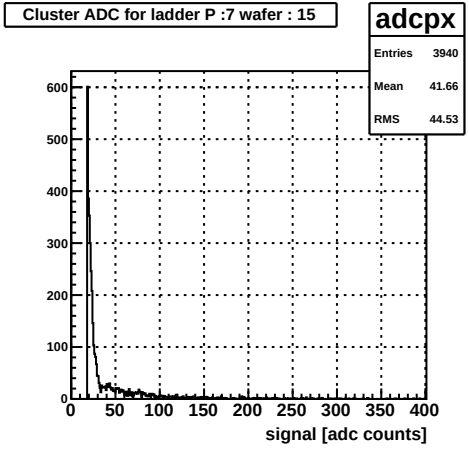

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6257
Mean 38.74
RMS 42.43
signal [adc counts]

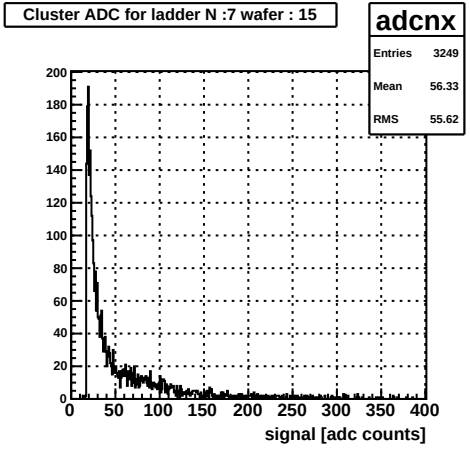

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2255
Mean 75.28
RMS 66.32
signal [adc counts]

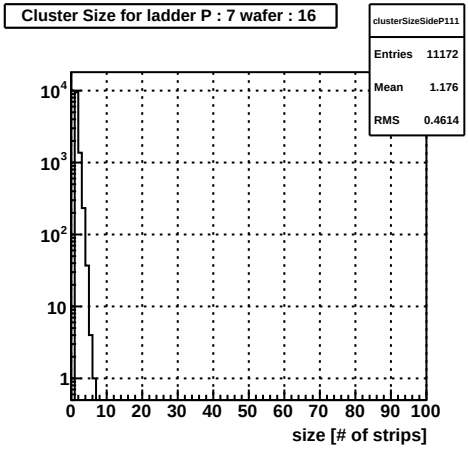

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3940
Mean 1.178
RMS 0.5008
size [# of strips]

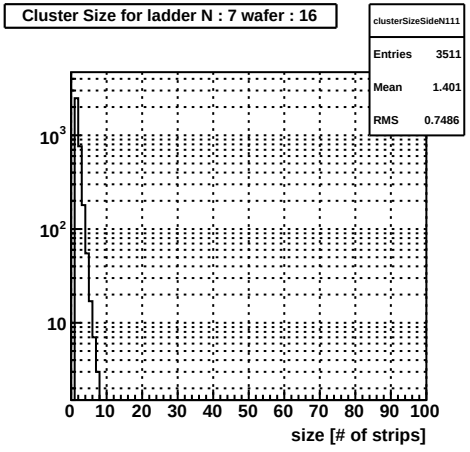

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3249
Mean 1.365
RMS 0.7313
size [# of strips]

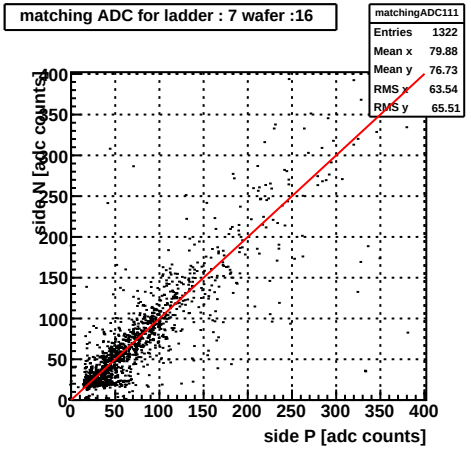

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 997
Mean x 90.31
Mean y 86.44
RMS x 69.09
RMS y 63.98
side N [adc counts]
side P [adc counts]

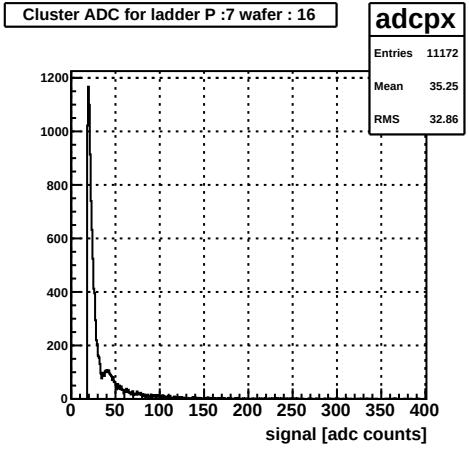

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3940
Mean 41.66
RMS 44.53
signal [adc counts]

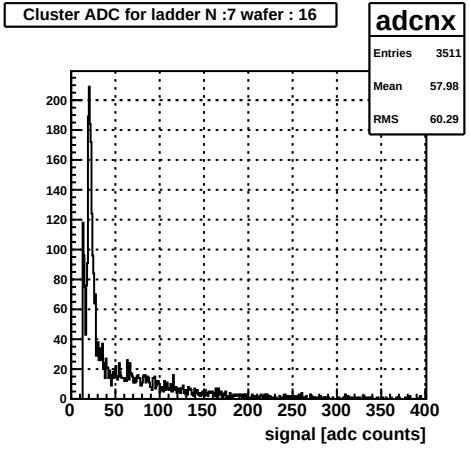

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3249
Mean 56.33
RMS 55.62
signal [adc counts]

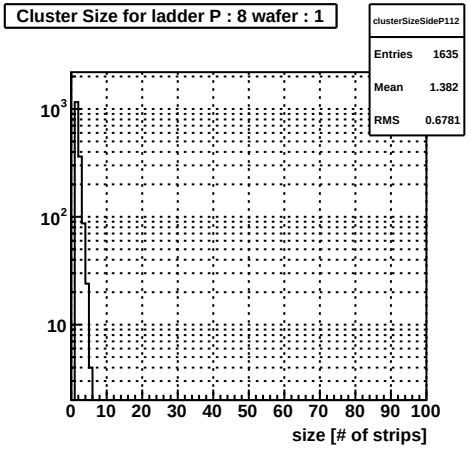

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 11172
Mean 1.176
RMS 0.4614
size [# of strips]

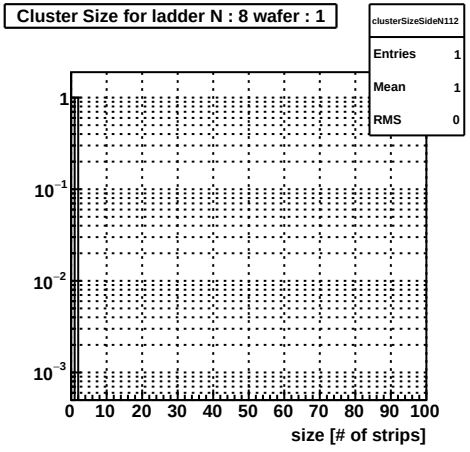

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3511
Mean 1.401
RMS 0.7486
size [# of strips]

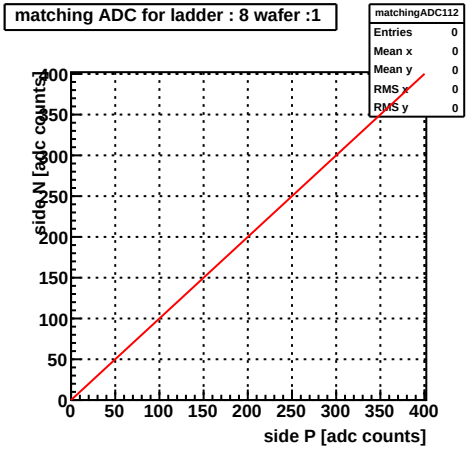

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1322
Mean x 79.88
Mean y 76.73
RMS x 63.54
RMS y 65.51
side N [adc counts]
side P [adc counts]

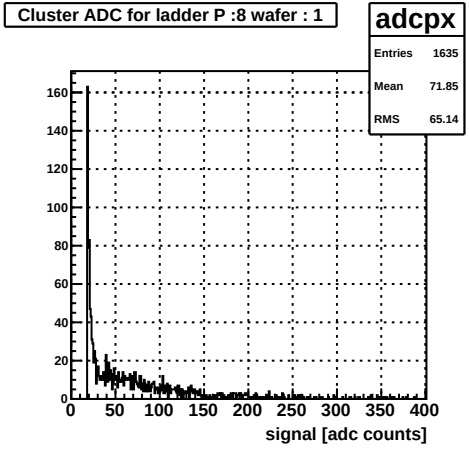

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 11172
Mean 35.25
RMS 32.86
signal [adc counts]

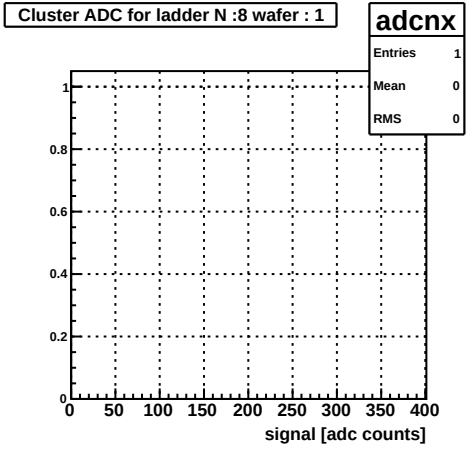

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3511
Mean 57.98
RMS 60.29
signal [adc counts]

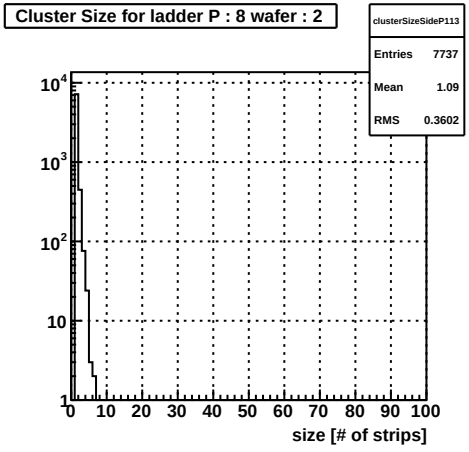

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1635
Mean 1.382
RMS 0.6781
size [# of strips]

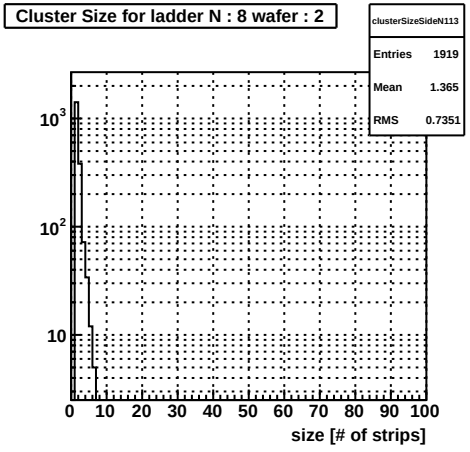

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 1
Mean 1
RMS 0
size [# of strips]

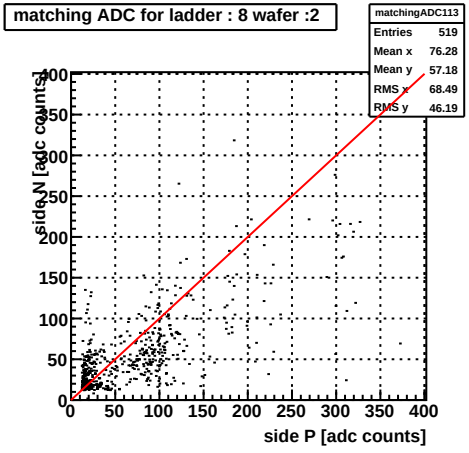

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

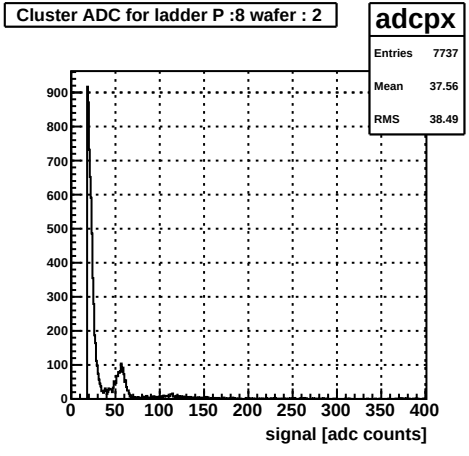

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1635
Mean 71.85
RMS 65.14
signal [adc counts]

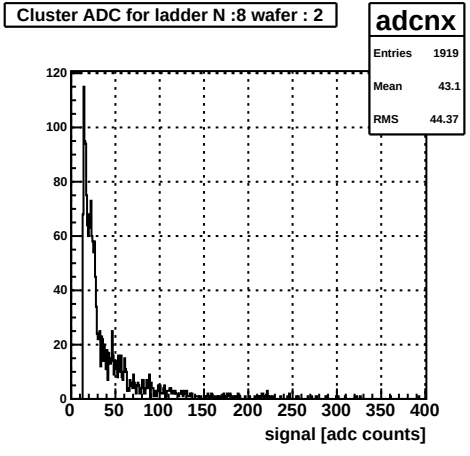

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

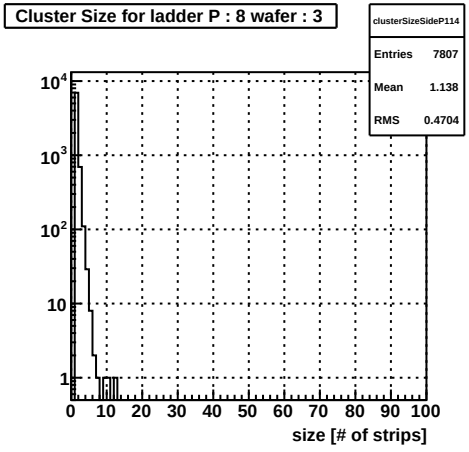

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7737
Mean 1.09
RMS 0.3602
size [# of strips]

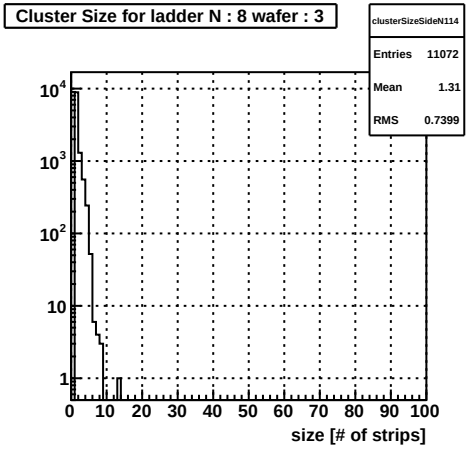

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1919
Mean 1.365
RMS 0.7351
size [# of strips]

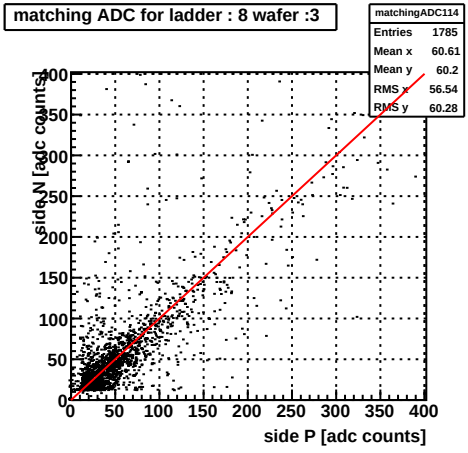

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 519
Mean x 76.28
Mean y 57.18
RMS x 68.49
RMS y 46.19
side N [adc counts]
side P [adc counts]

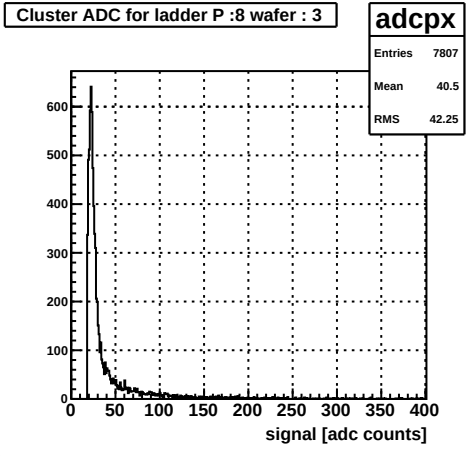

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7737
Mean 37.56
RMS 38.49
signal [adc counts]

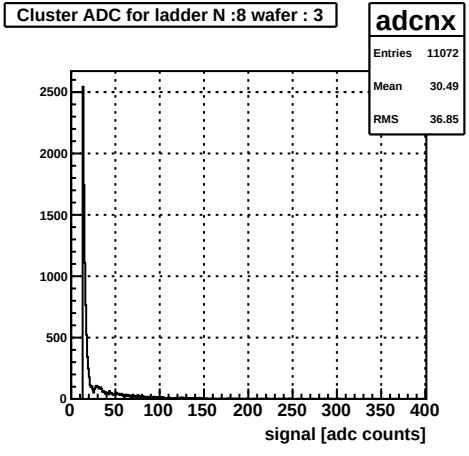

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1919
Mean 43.1
RMS 44.37
signal [adc counts]

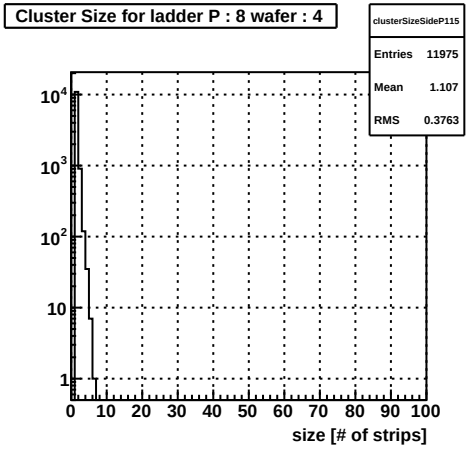

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7807
Mean 1.138
RMS 0.4704
size [# of strips]

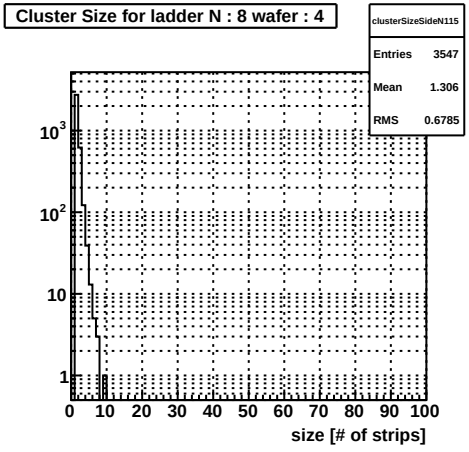

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11072
Mean 1.31
RMS 0.7399
size [# of strips]

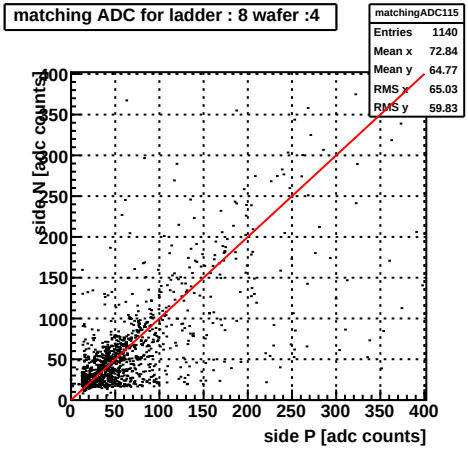

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1785
Mean x 60.61
Mean y 60.2
RMS x 56.54
RMS y 60.28
side N [adc counts]
side P [adc counts]

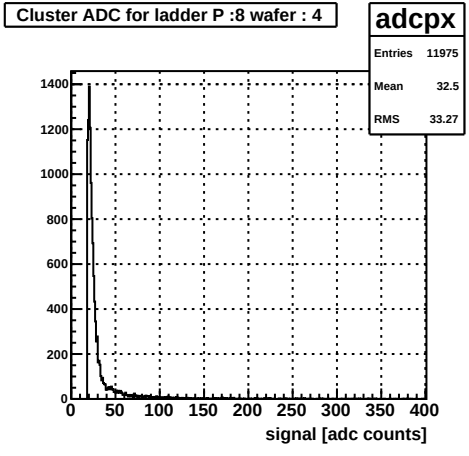

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7807
Mean 40.5
RMS 42.25
signal [adc counts]

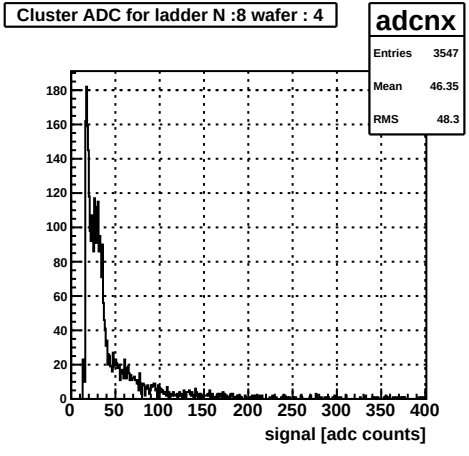

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11072
Mean 30.49
RMS 36.85
signal [adc counts]

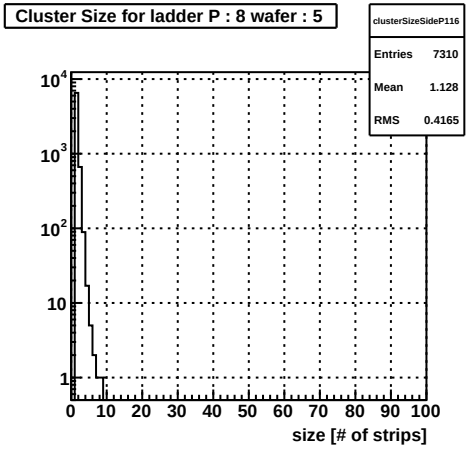

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 11975
Mean 1.107
RMS 0.3763
size [# of strips]

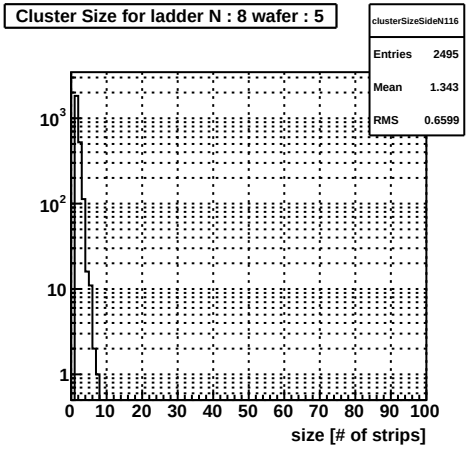

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3547
Mean 1.306
RMS 0.6785
size [# of strips]

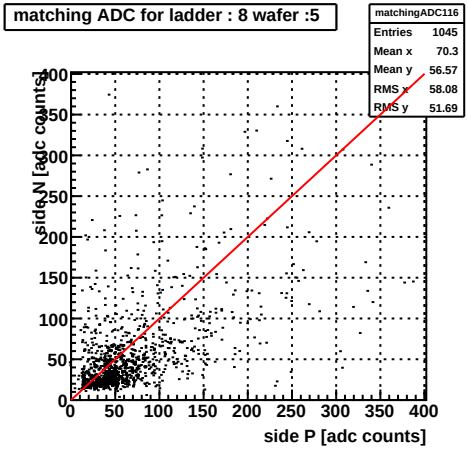

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1140
Mean x 72.84
Mean y 64.77
RMS x 65.03
RMS y 59.83
side N [adc counts]
side P [adc counts]

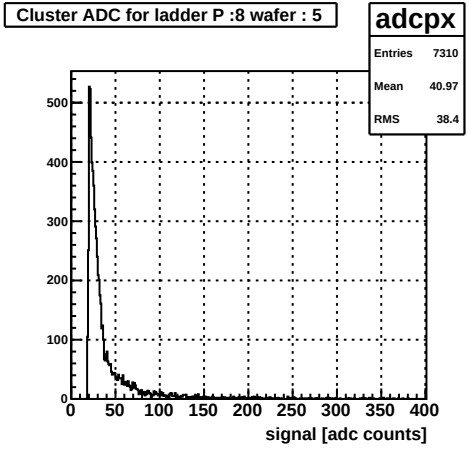

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 11975
Mean 32.5
RMS 33.27
signal [adc counts]

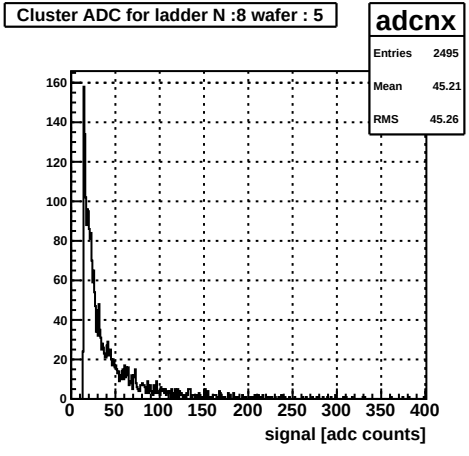

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3547
Mean 46.35
RMS 48.3
signal [adc counts]

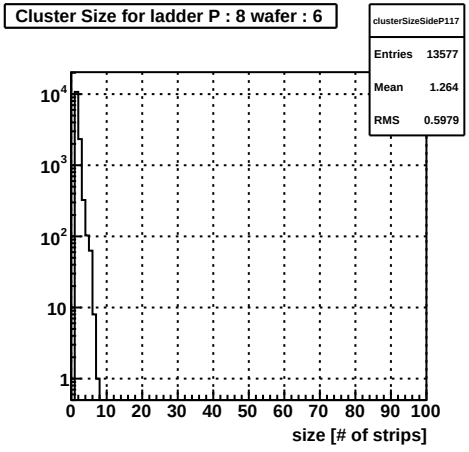

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7310
Mean 1.128
RMS 0.4165
size [# of strips]

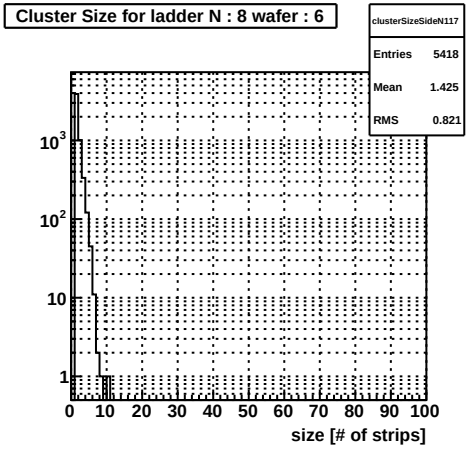

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2495
Mean 1.343
RMS 0.6599
size [# of strips]

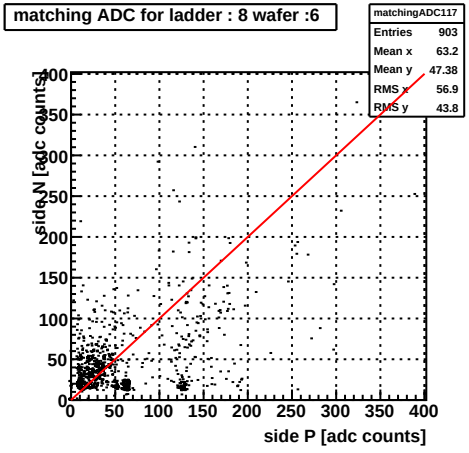

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1045
Mean x 70.3
Mean y 56.57
RMS x 58.08
RMS y 51.69
side N [adc counts]
side P [adc counts]

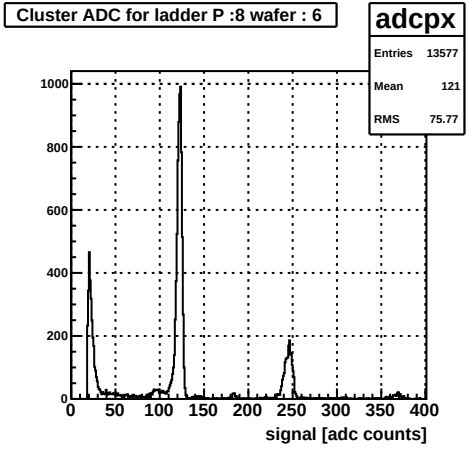

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7310
Mean 40.97
RMS 38.4
signal [adc counts]

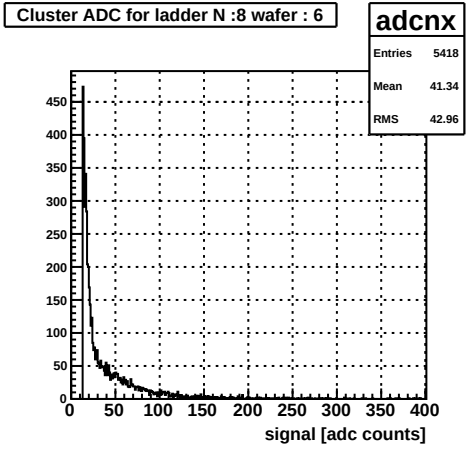

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2495
Mean 45.21
RMS 45.26
signal [adc counts]

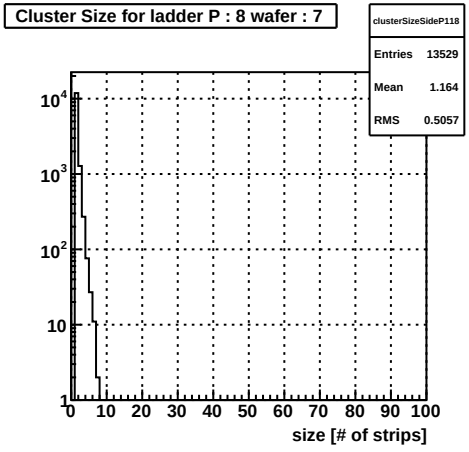

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13577
Mean 1.264
RMS 0.5979
size [# of strips]

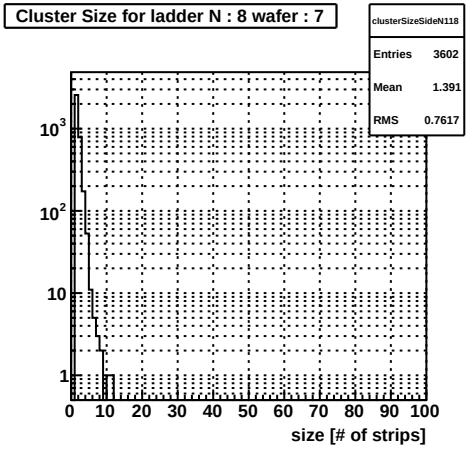

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5418
Mean 1.425
RMS 0.821
size [# of strips]

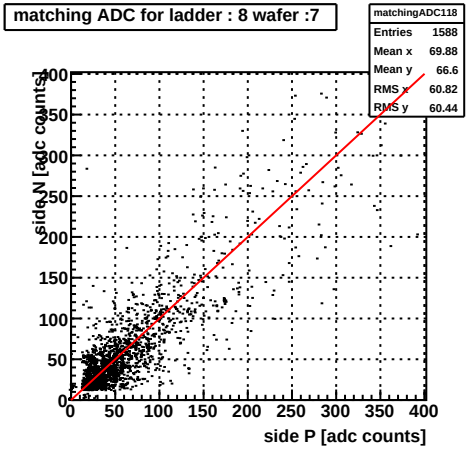

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 903
Mean x 63.2
Mean y 47.38
RMS x 56.9
RMS y 43.8
side N [adc counts]
side P [adc counts]

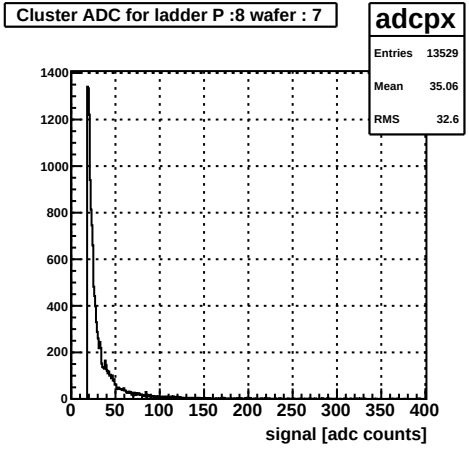

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13577
Mean 121
RMS 75.77
signal [adc counts]

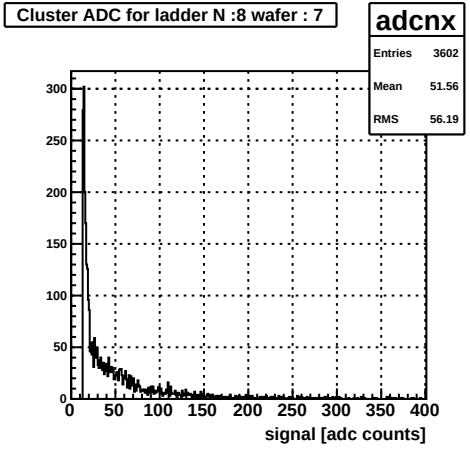

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5418
Mean 41.34
RMS 42.96
signal [adc counts]

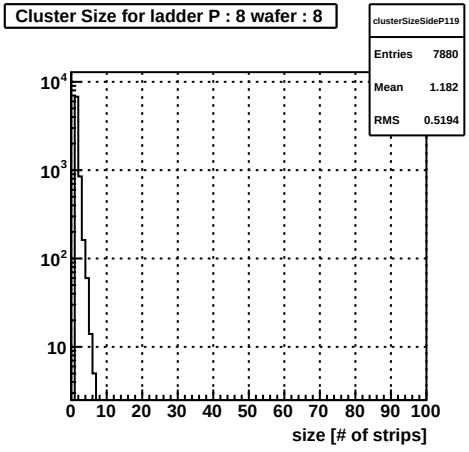

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13529
Mean 1.164
RMS 0.5057
size [# of strips]

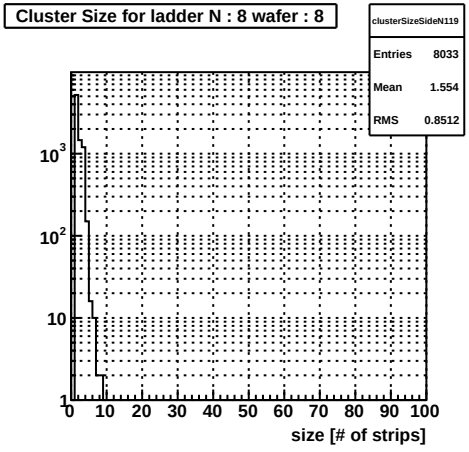

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3602
Mean 1.391
RMS 0.7617
size [# of strips]

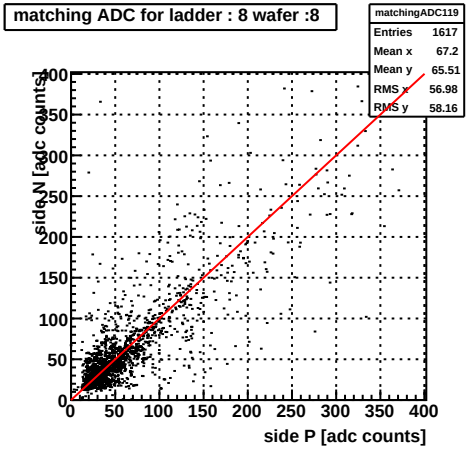

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1588
Mean x 69.88
Mean y 66.6
RMS x 60.82
RMS y 60.44
side N [adc counts]
side P [adc counts]

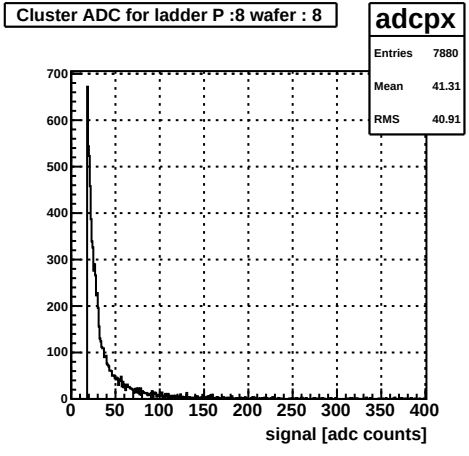

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13529
Mean 35.06
RMS 32.6
signal [adc counts]

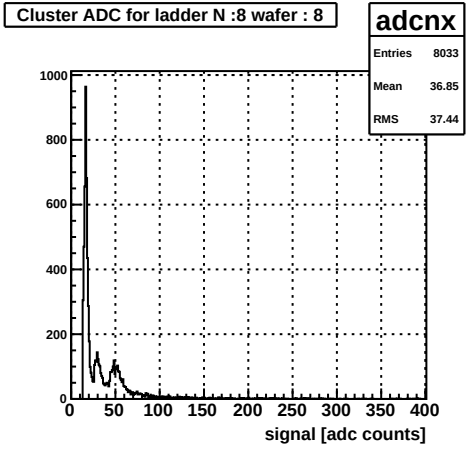

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3602
Mean 51.56
RMS 56.19
signal [adc counts]

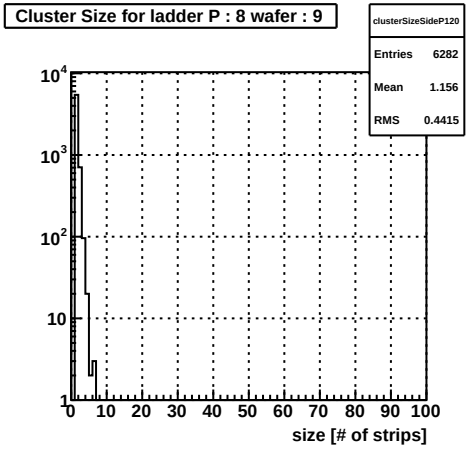

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7880
Mean 1.182
RMS 0.5194
size [# of strips]

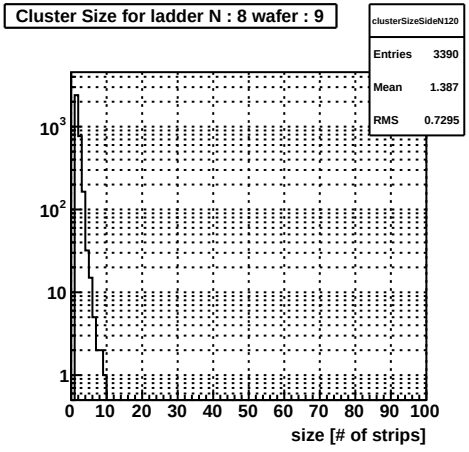

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8033
Mean 1.554
RMS 0.8512
size [# of strips]

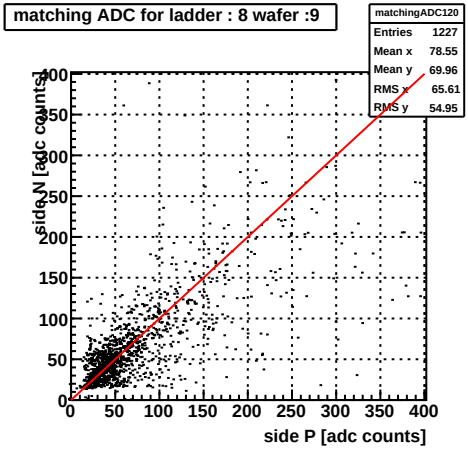

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1617
Mean x 67.2
Mean y 65.51
RMS x 56.98
RMS y 58.16
side N [adc counts]
side P [adc counts]

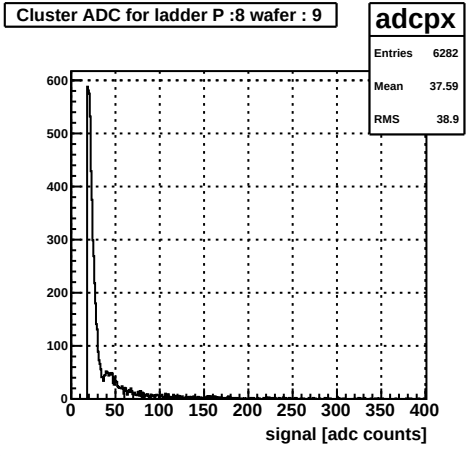

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7880
Mean 41.31
RMS 40.91
signal [adc counts]

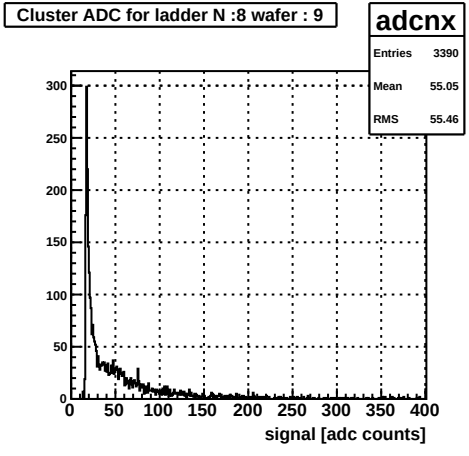

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8033
Mean 36.85
RMS 37.44
signal [adc counts]

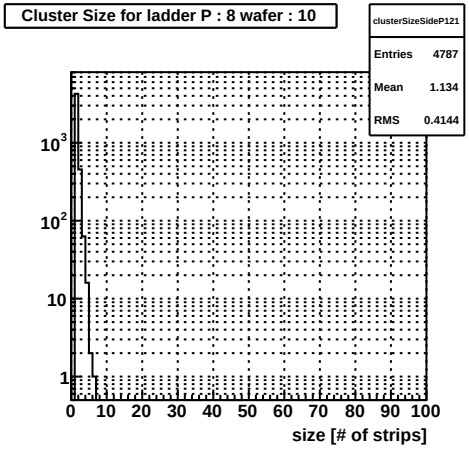

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6282
Mean 1.156
RMS 0.4415
size [# of strips]

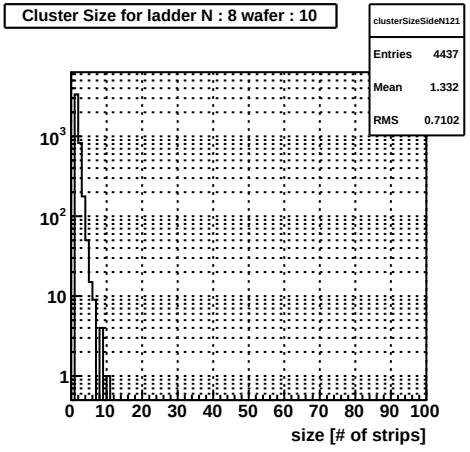

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3390
Mean 1.387
RMS 0.7295
size [# of strips]

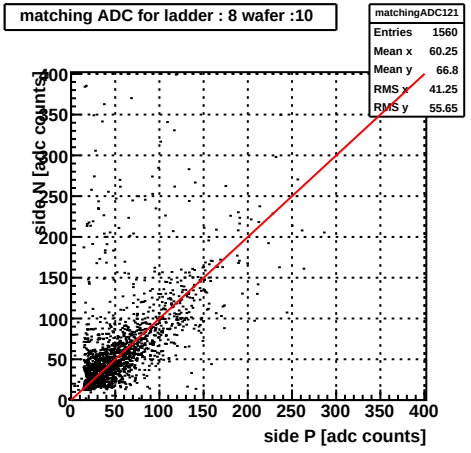

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1227
Mean x 78.55
Mean y 69.96
RMS x 65.61
RMS y 54.95
side N [adc counts]
side P [adc counts]

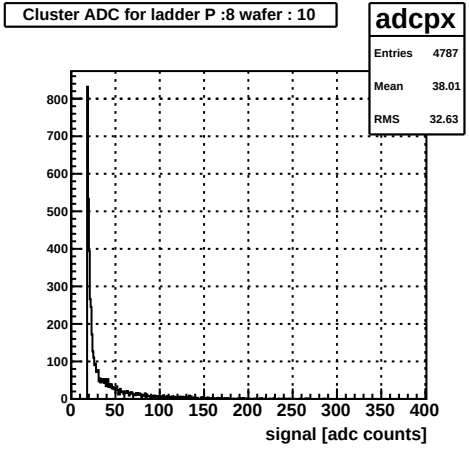

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6282
Mean 37.59
RMS 38.9
signal [adc counts]

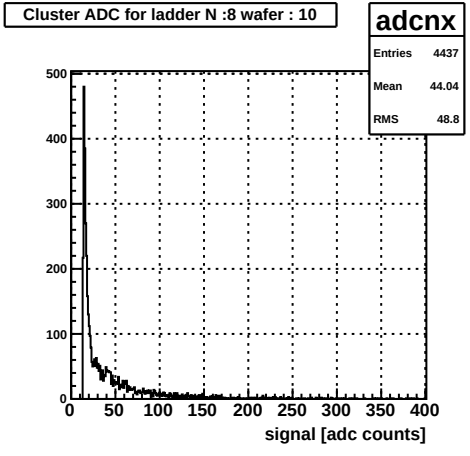

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3390
Mean 55.05
RMS 55.46
signal [adc counts]

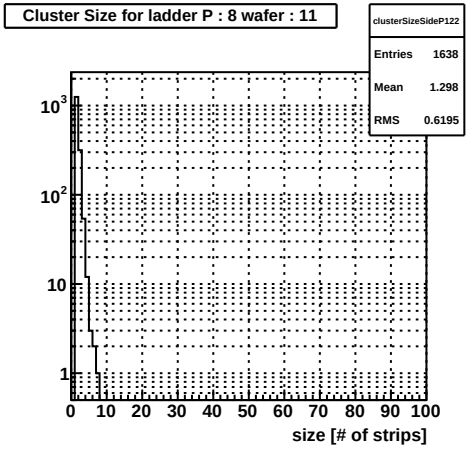

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4787
Mean 1.134
RMS 0.4144
size [# of strips]

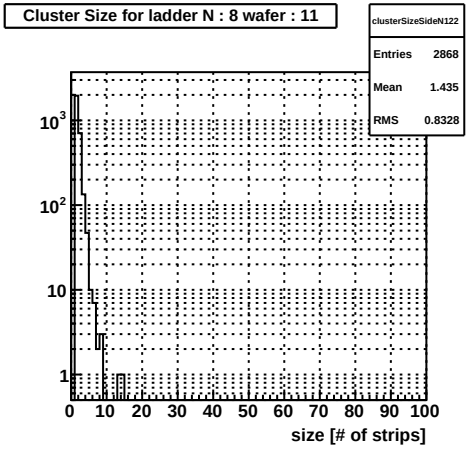

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4437
Mean 1.332
RMS 0.7102
size [# of strips]

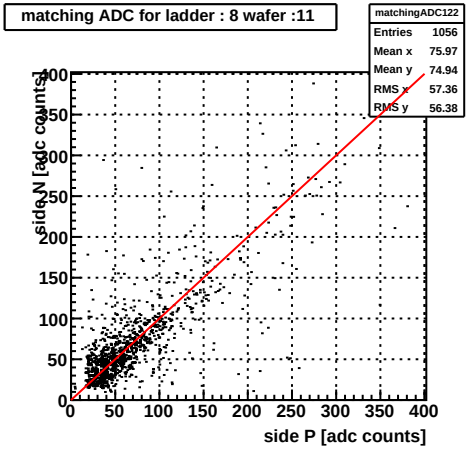

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1560
Mean x 60.25
Mean y 66.8
RMS x 41.25
RMS y 55.65
side N [adc counts]
side P [adc counts]

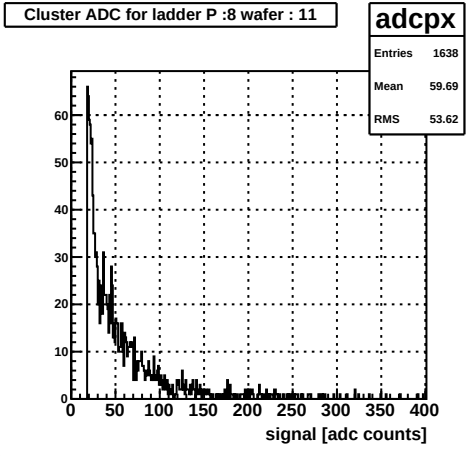

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4787
Mean 38.01
RMS 32.63
signal [adc counts]

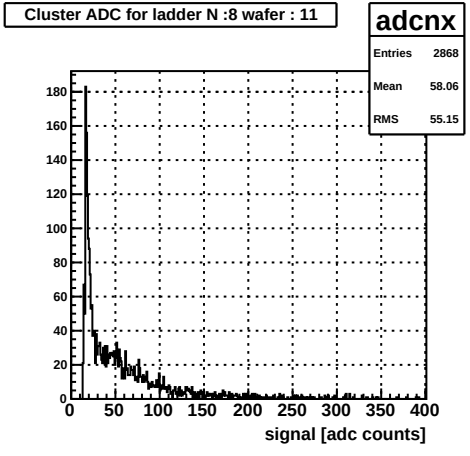

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4437
Mean 44.04
RMS 48.8
signal [adc counts]

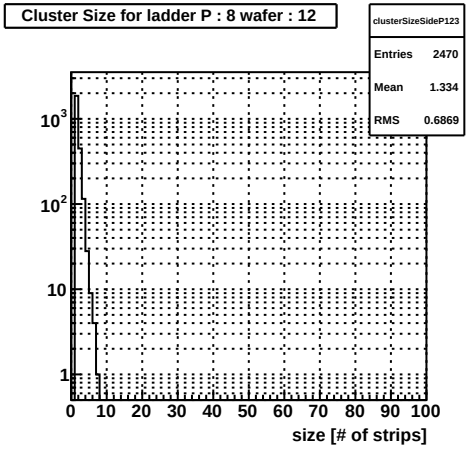

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1638
Mean 1.298
RMS 0.6195
size [# of strips]

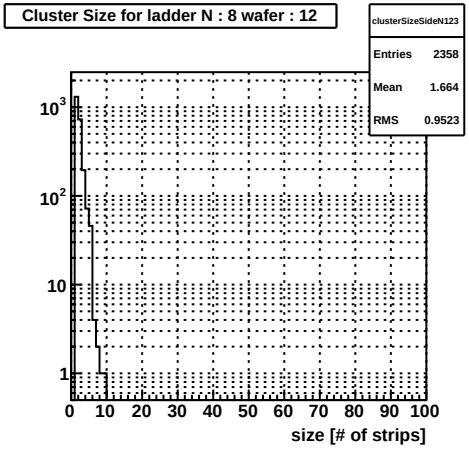

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2868
Mean 1.435
RMS 0.8328
size [# of strips]

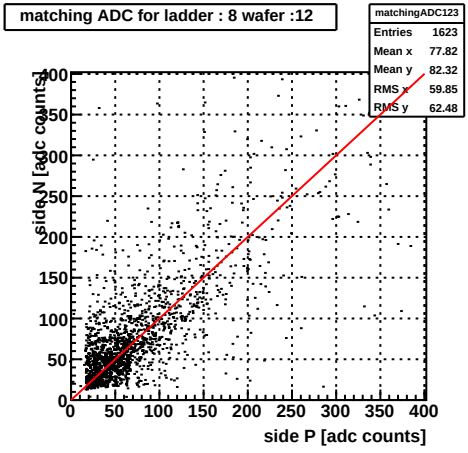

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1056
Mean x 75.97
Mean y 74.94
RMS x 57.36
RMS y 56.38
side N [adc counts]
side P [adc counts]

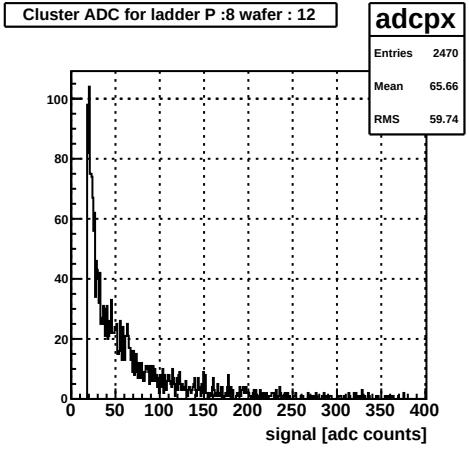

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1638
Mean 59.69
RMS 53.62
signal [adc counts]

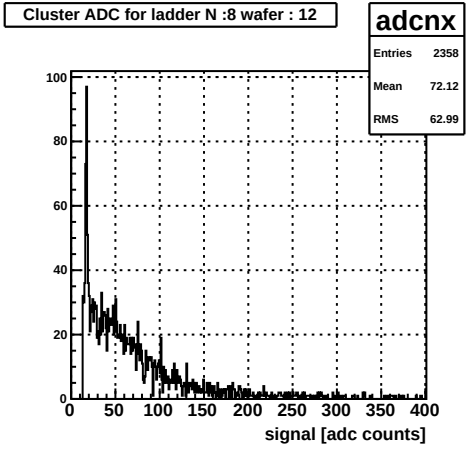

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2868
Mean 58.06
RMS 55.15
signal [adc counts]

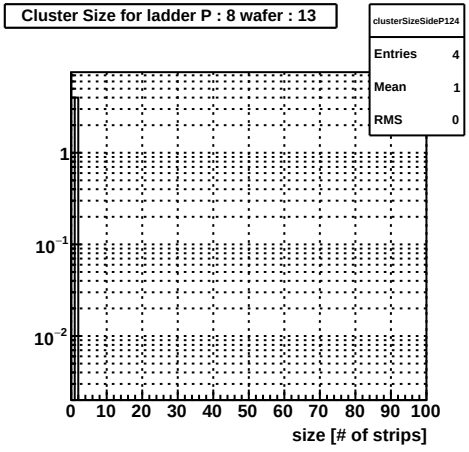

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2470
Mean 1.334
RMS 0.6869
size [# of strips]

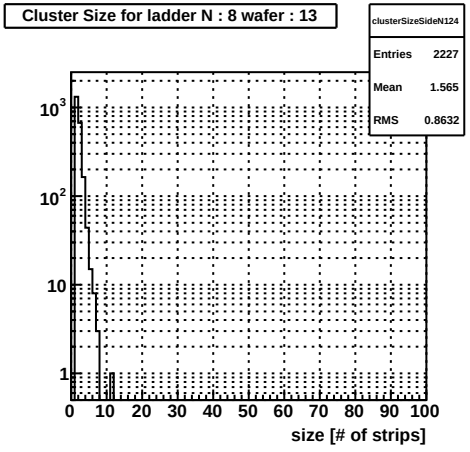

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2358
Mean 1.664
RMS 0.9523
size [# of strips]

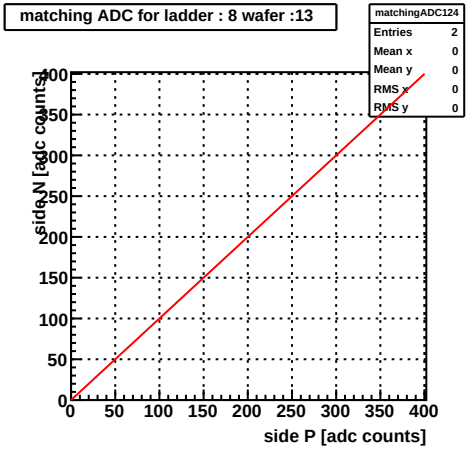

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1623
Mean x 77.82
Mean y 82.32
RMS x 59.85
RMS y 62.48
side N [adc counts]
side P [adc counts]

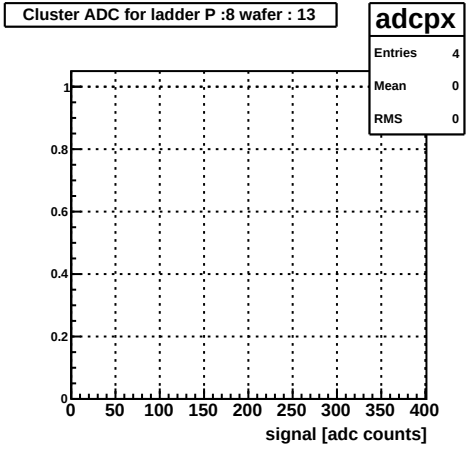

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2470
Mean 65.66
RMS 59.74
signal [adc counts]

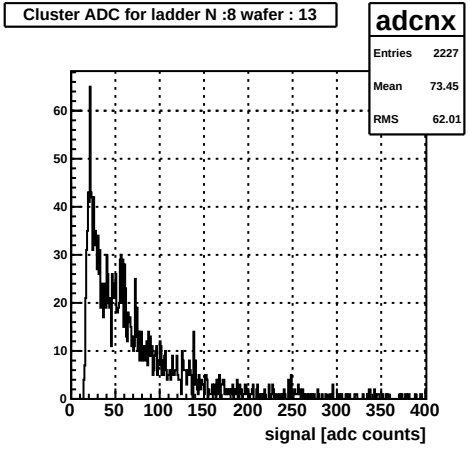

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2358
Mean 72.12
RMS 62.99
signal [adc counts]

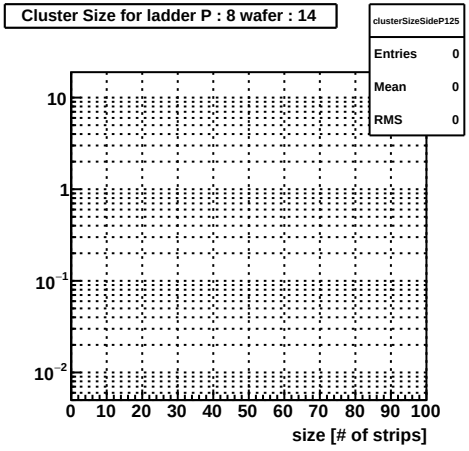

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 4
Mean 1
RMS 0
size [# of strips]

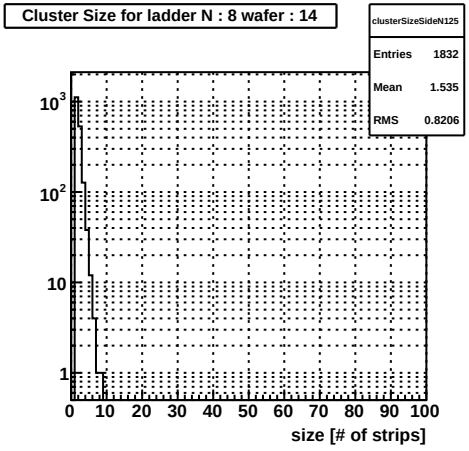

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2227
Mean 1.565
RMS 0.8632
size [# of strips]

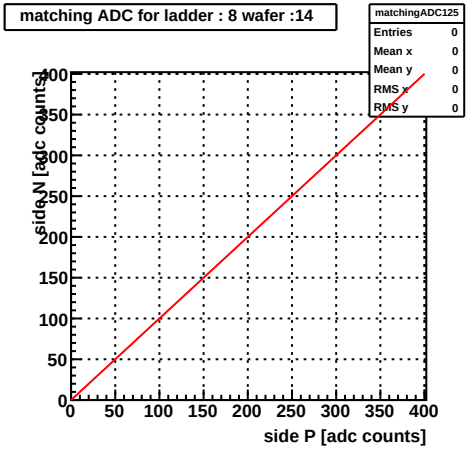

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

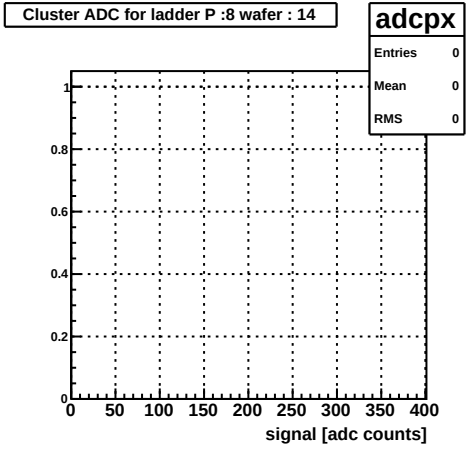

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

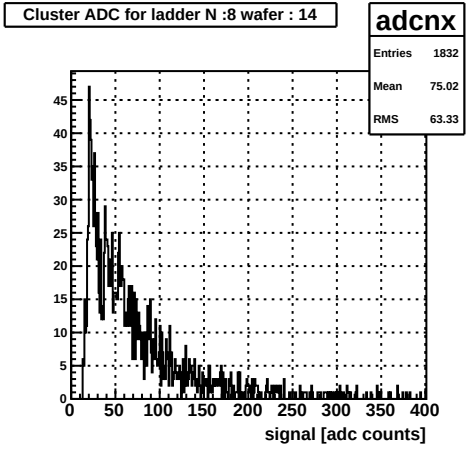

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2227
Mean 73.45
RMS 62.01
signal [adc counts]

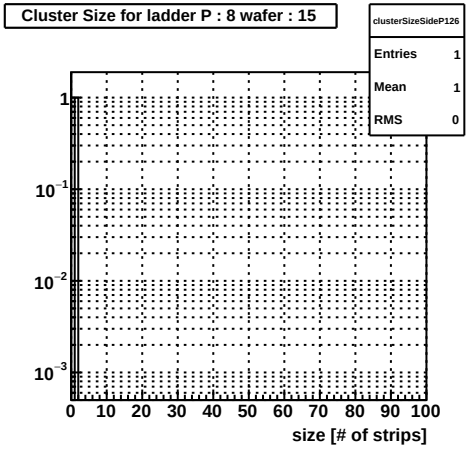

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

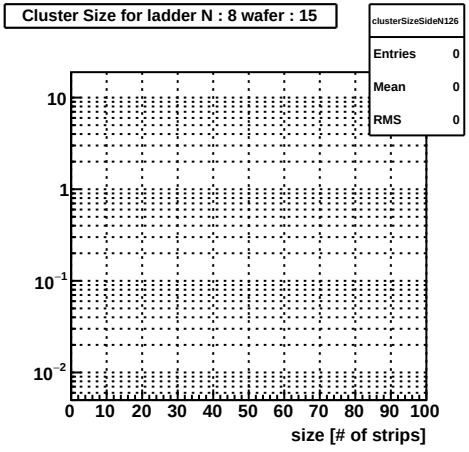

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1832
Mean 1.535
RMS 0.8206
size [# of strips]

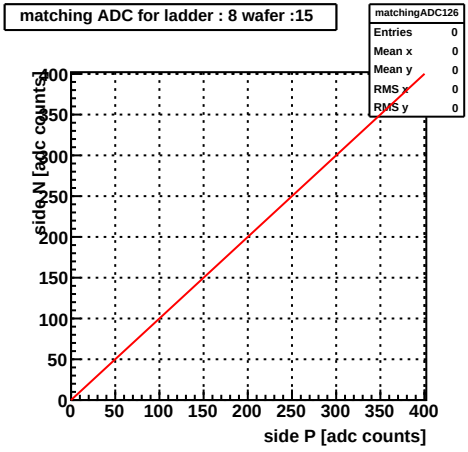

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

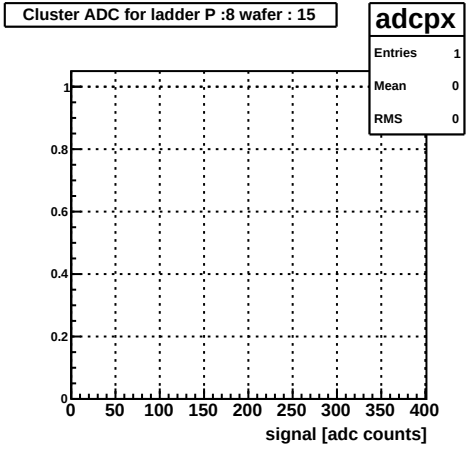

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

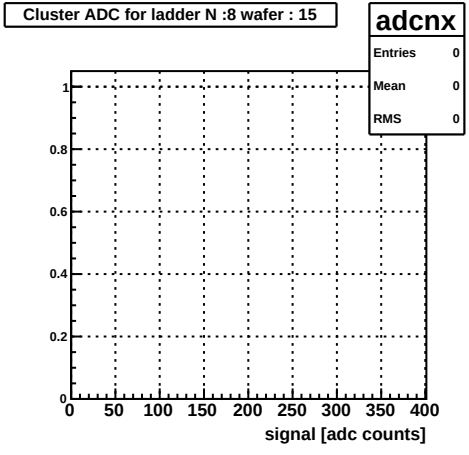

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1832
Mean 75.02
RMS 63.33
signal [adc counts]

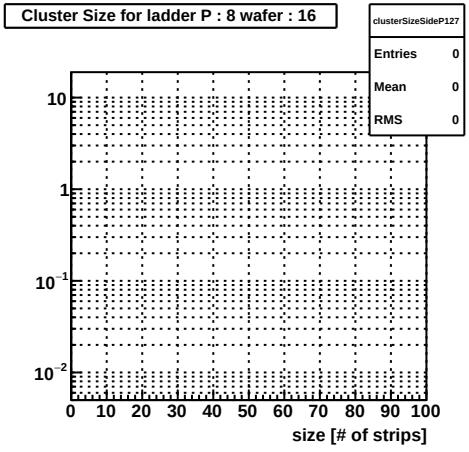

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

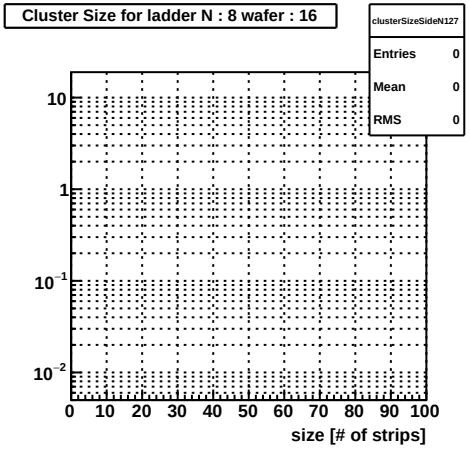

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

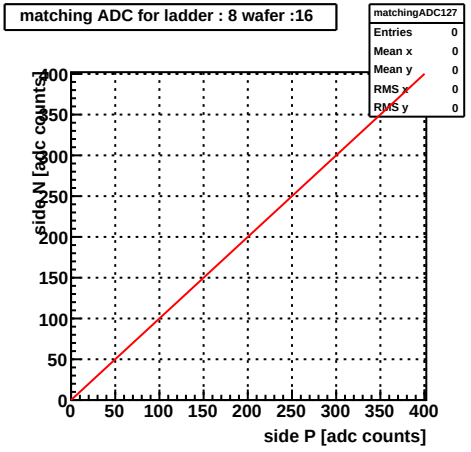

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

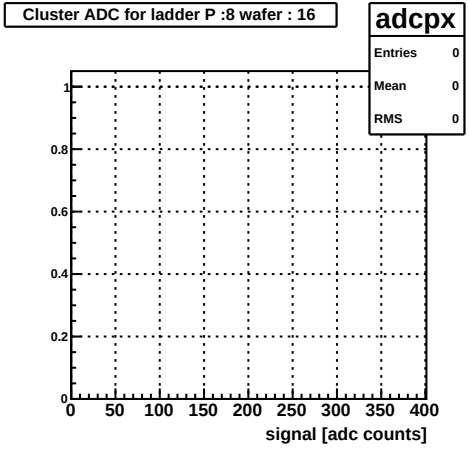

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

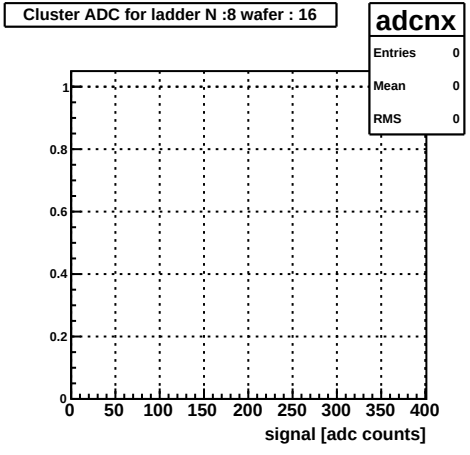

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

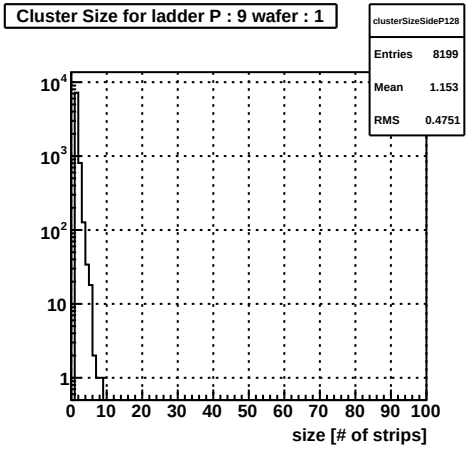

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

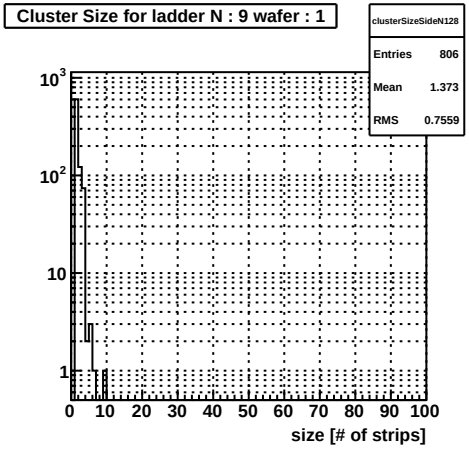

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

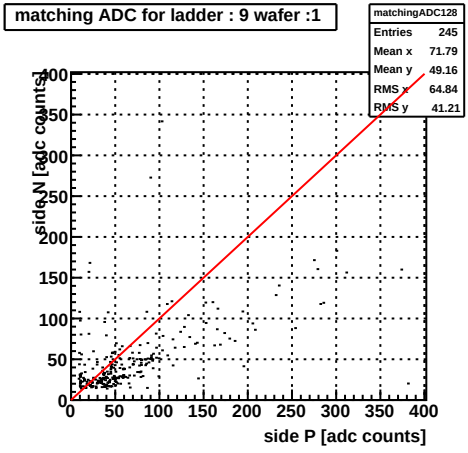

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

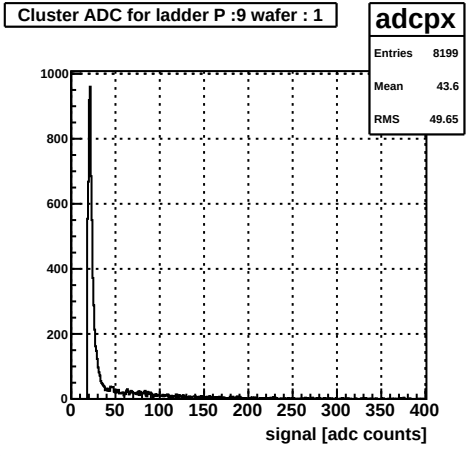

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

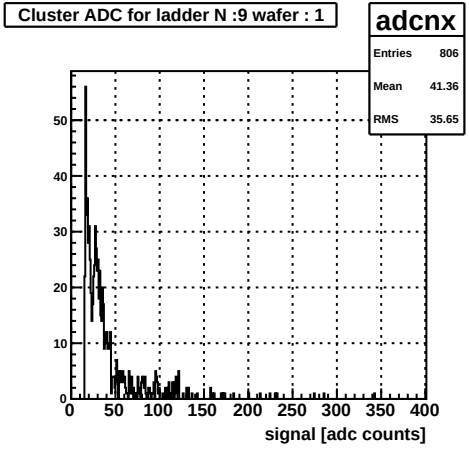

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

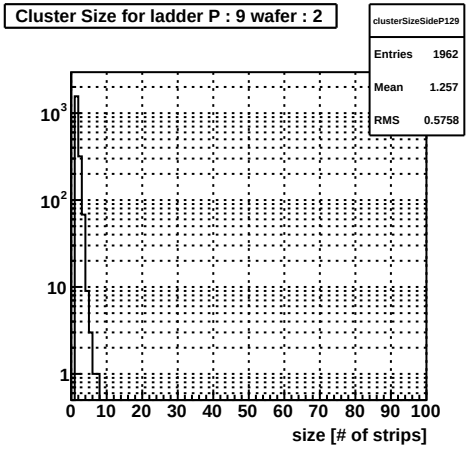

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8199
Mean 1.153
RMS 0.4751
size [# of strips]

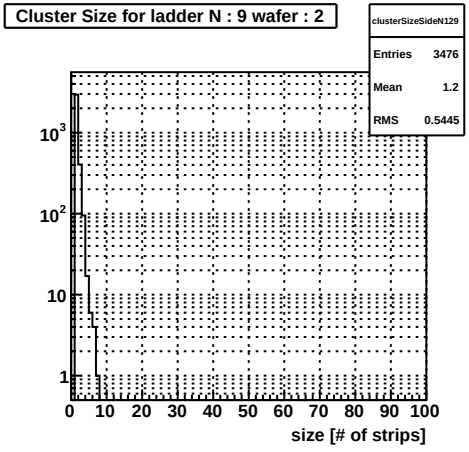

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 806
Mean 1.373
RMS 0.7559
size [# of strips]

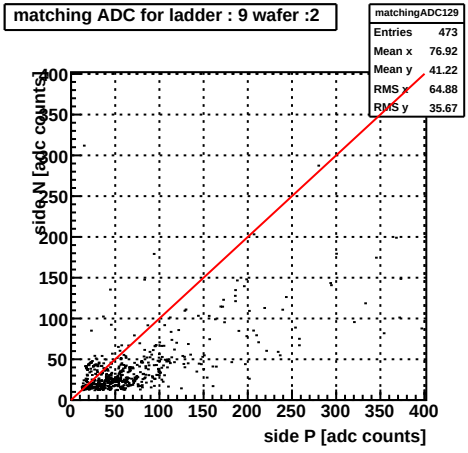

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 245
Mean x 71.79
Mean y 49.16
RMS x 64.84
RMS y 41.21
side N [adc counts]
side P [adc counts]

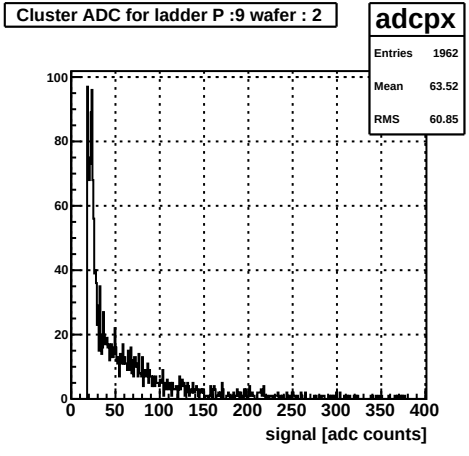

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8199
Mean 43.6
RMS 49.65
signal [adc counts]

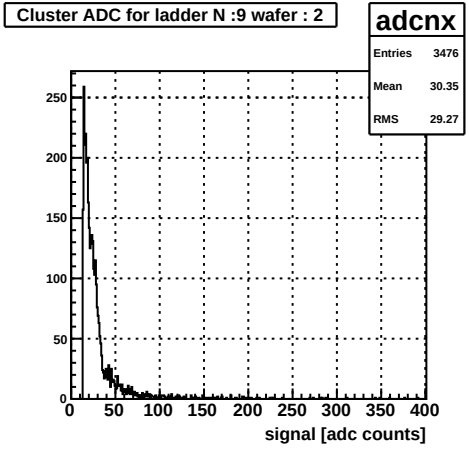

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 806
Mean 41.36
RMS 35.65
signal [adc counts]

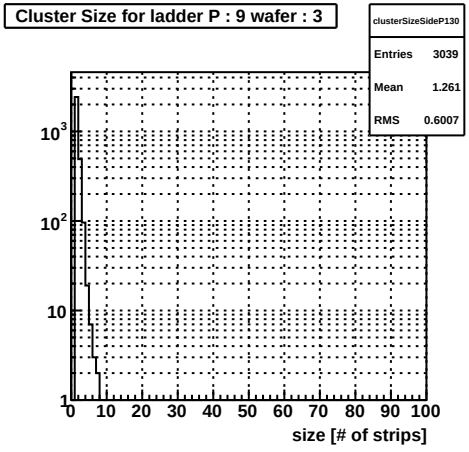

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1962
Mean 1.257
RMS 0.5758
size [# of strips]

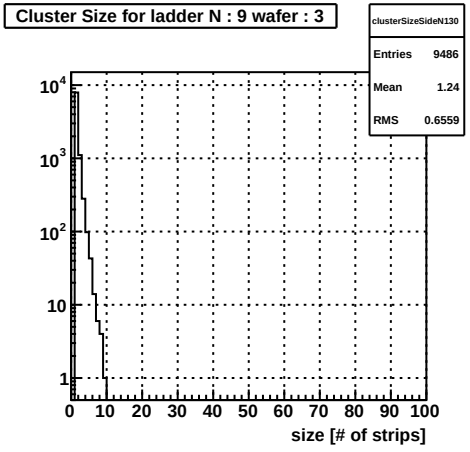

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3476
Mean 1.2
RMS 0.5445
size [# of strips]

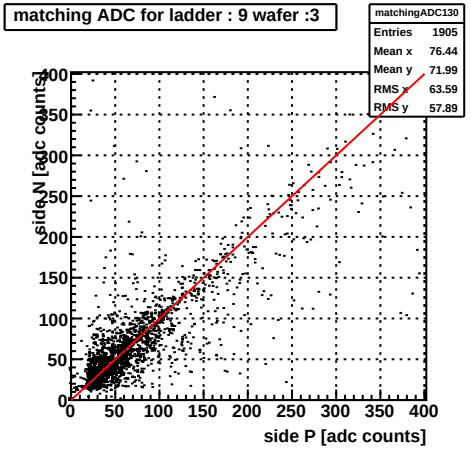

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 473
Mean x 76.92
Mean y 41.22
RMS x 64.88
RMS y 35.67
side N [adc counts]
side P [adc counts]

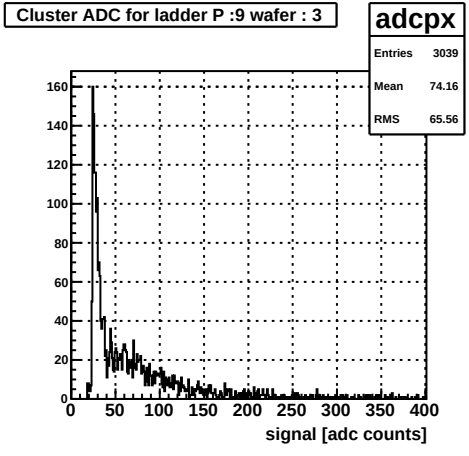

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1962
Mean 63.52
RMS 60.85
signal [adc counts]

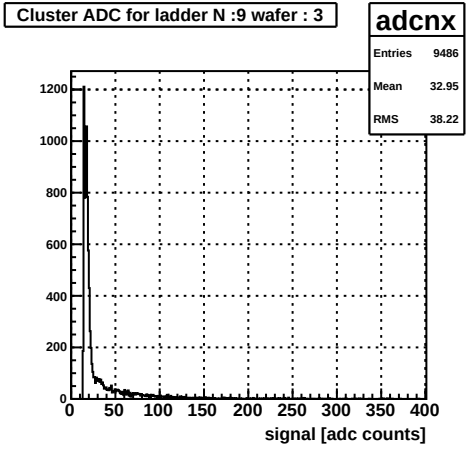

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3476
Mean 30.35
RMS 29.27
signal [adc counts]

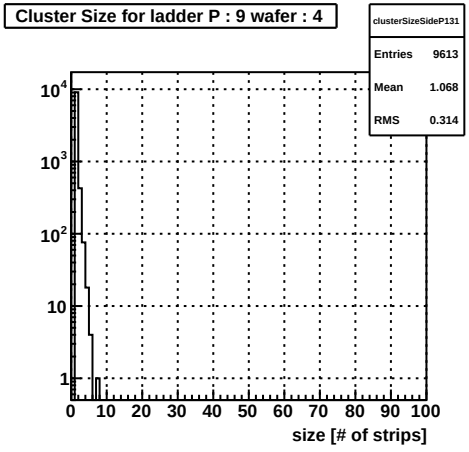

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3039
Mean 1.261
RMS 0.6007
size [# of strips]

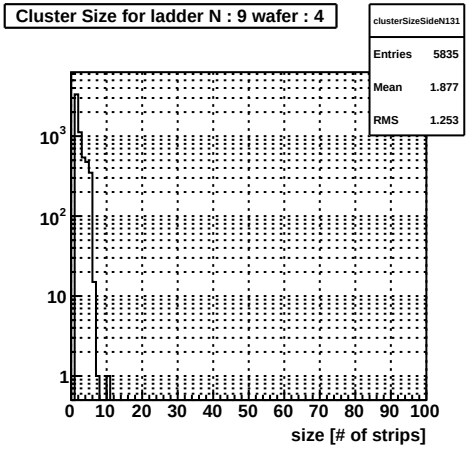

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9486
Mean 1.24
RMS 0.6559
size [# of strips]

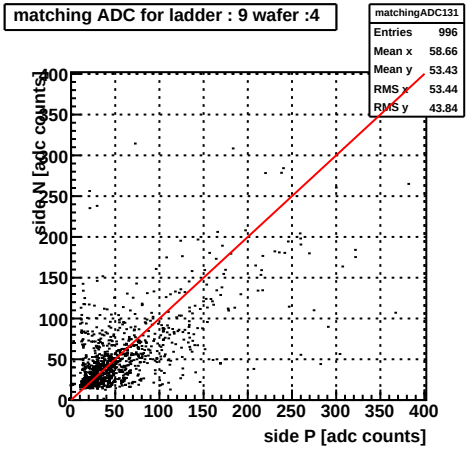

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1905
Mean x 76.44
Mean y 71.99
RMS x 63.59
RMS y 57.89
side N [adc counts]
side P [adc counts]

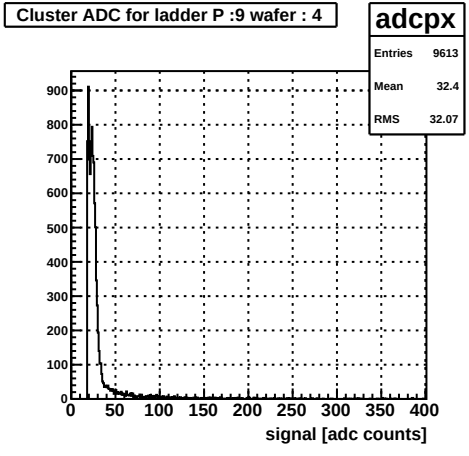

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3039
Mean 74.16
RMS 65.56
signal [adc counts]

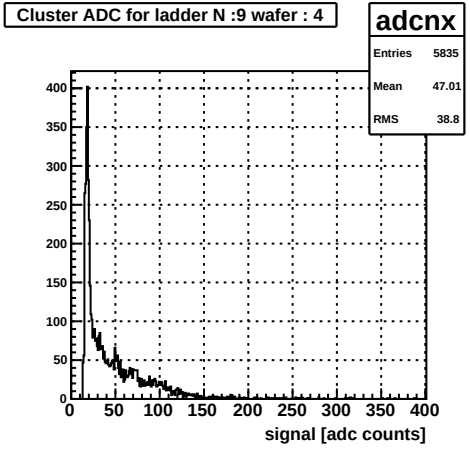

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9486
Mean 32.95
RMS 38.22
signal [adc counts]

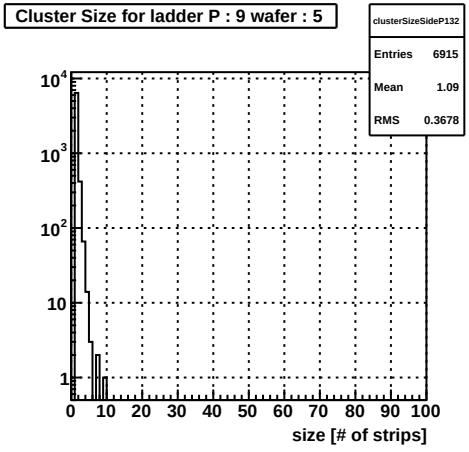

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9613
Mean 1.068
RMS 0.314
size [# of strips]

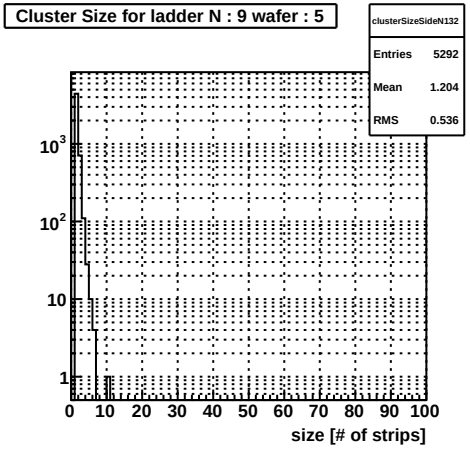

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5835
Mean 1.877
RMS 1.253
size [# of strips]

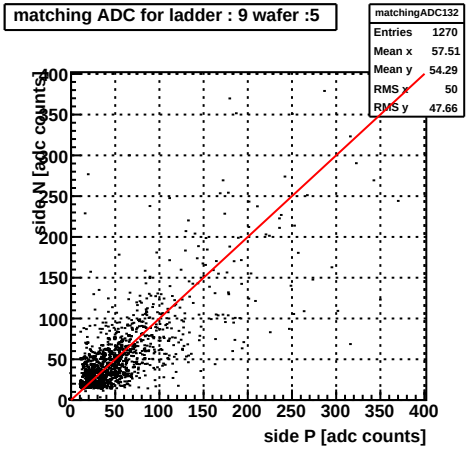

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 996
Mean x 58.66
Mean y 53.43
RMS x 53.44
RMS y 43.84
side N [adc counts]
side P [adc counts]

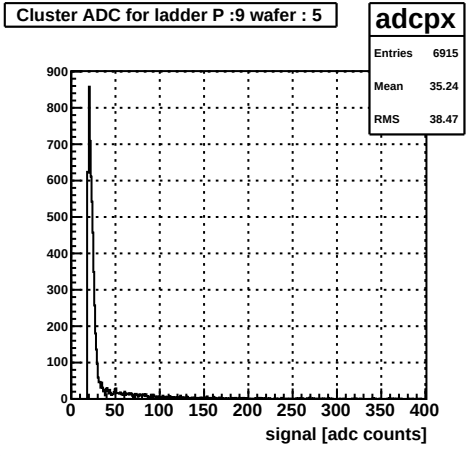

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9613
Mean 32.4
RMS 32.07
signal [adc counts]

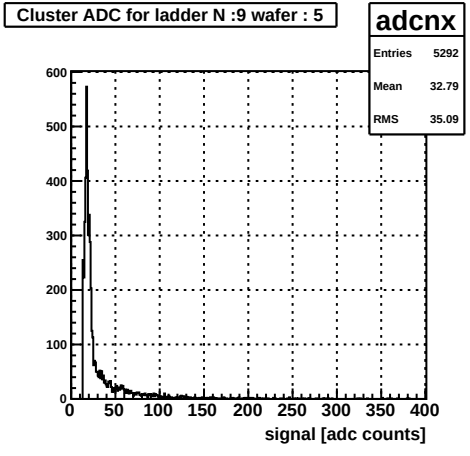

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5835
Mean 47.01
RMS 38.8
signal [adc counts]

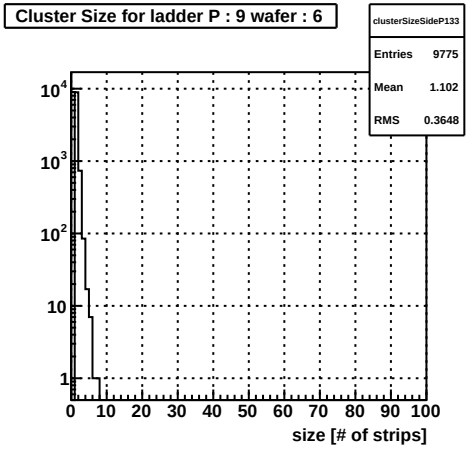

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 6915
Mean 1.09
RMS 0.3678
size [# of strips]

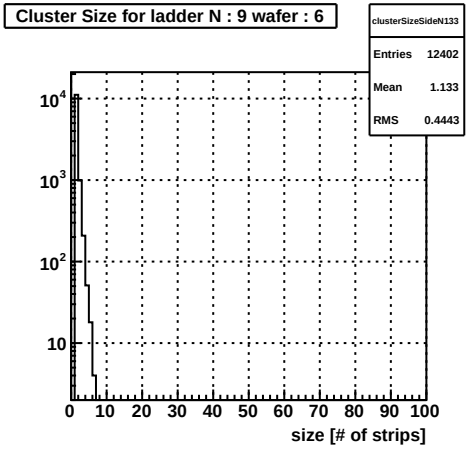

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5292
Mean 1.204
RMS 0.536
size [# of strips]

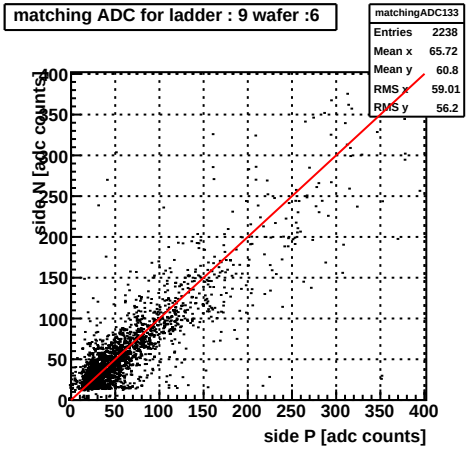

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1270
Mean x 57.51
Mean y 54.29
RMS x 50
RMS y 47.66
side N [adc counts]
side P [adc counts]

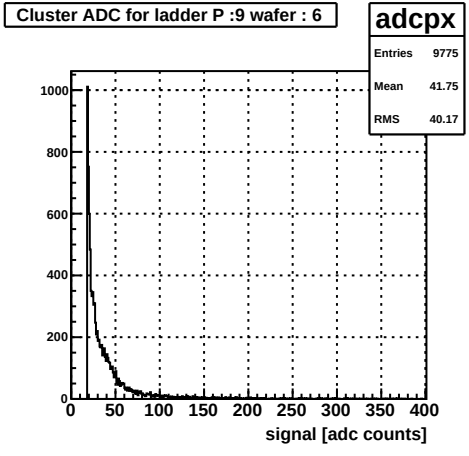

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 6915
Mean 35.24
RMS 38.47
signal [adc counts]

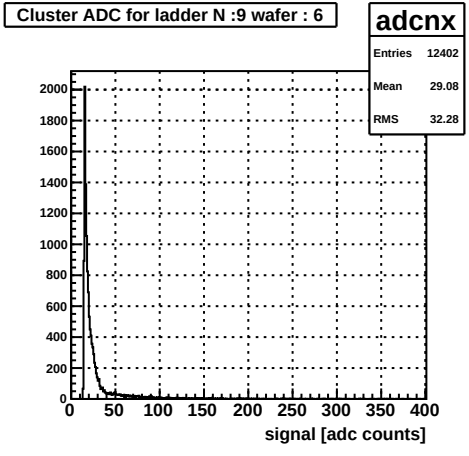

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5292
Mean 32.79
RMS 35.09
signal [adc counts]

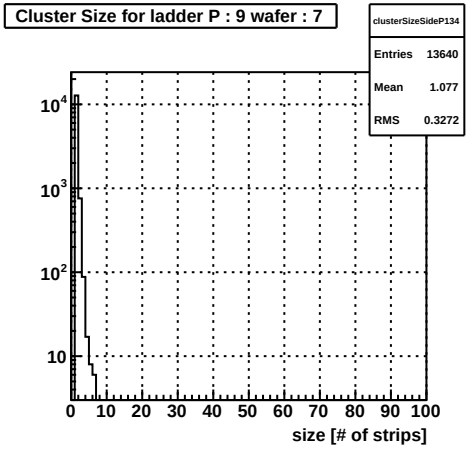

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9775
Mean 1.102
RMS 0.3648
size [# of strips]

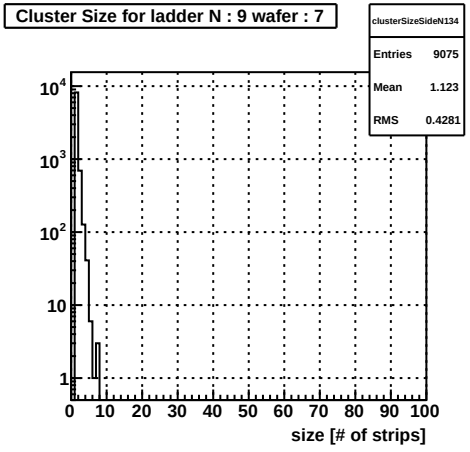

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12402
Mean 1.133
RMS 0.4443
size [# of strips]

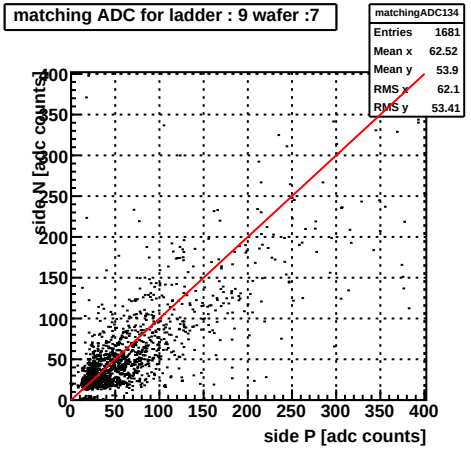

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2238
Mean x 65.72
Mean y 60.8
RMS x 59.01
RMS y 56.2
side N [adc counts]
side P [adc counts]

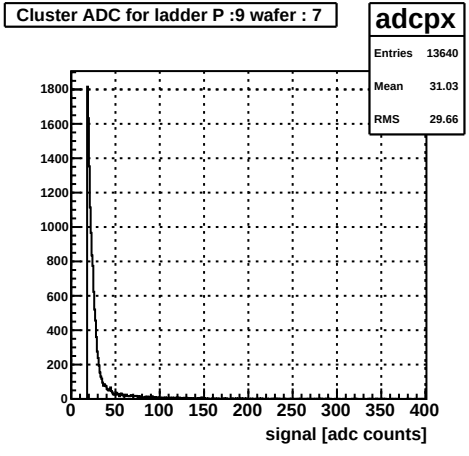

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9775
Mean 41.75
RMS 40.17
signal [adc counts]

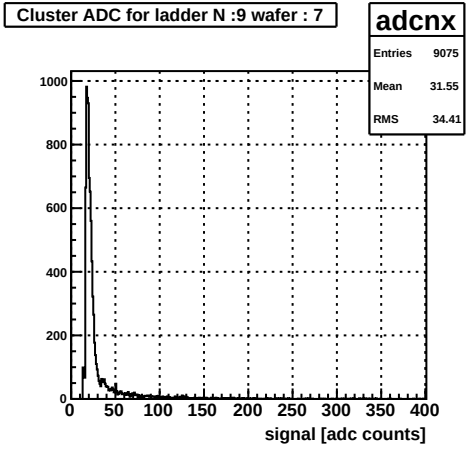

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12402
Mean 29.08
RMS 32.28
signal [adc counts]

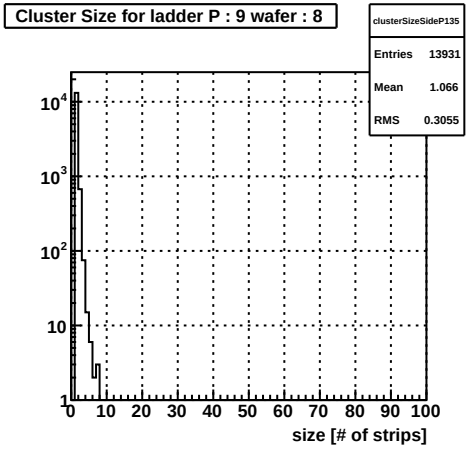

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13640
Mean 1.077
RMS 0.3272
size [# of strips]

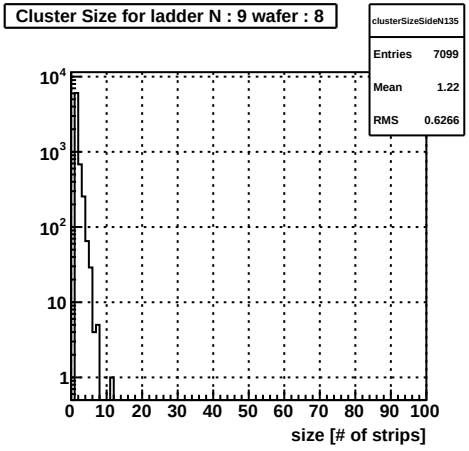

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9075
Mean 1.123
RMS 0.4281
size [# of strips]

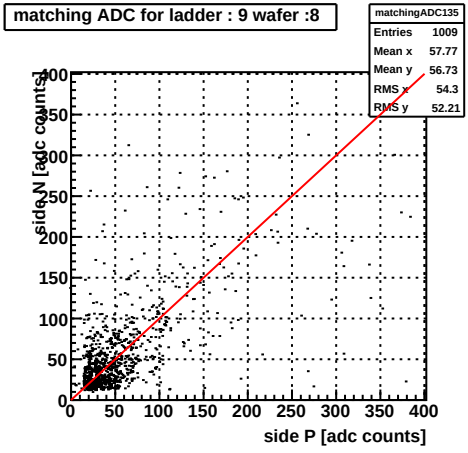

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1681
Mean x 62.52
Mean y 53.9
RMS x 62.1
RMS y 53.41
side N [adc counts]
side P [adc counts]

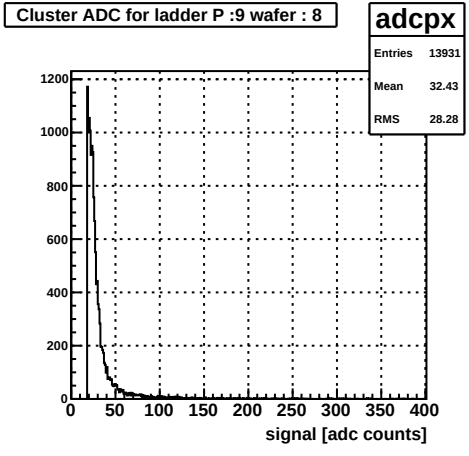

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13640
Mean 31.03
RMS 29.66
signal [adc counts]

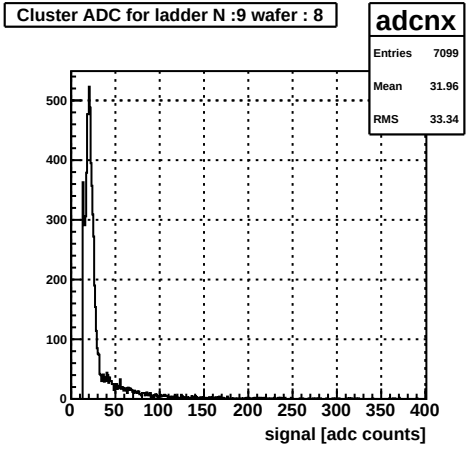

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9075
Mean 31.55
RMS 34.41
signal [adc counts]

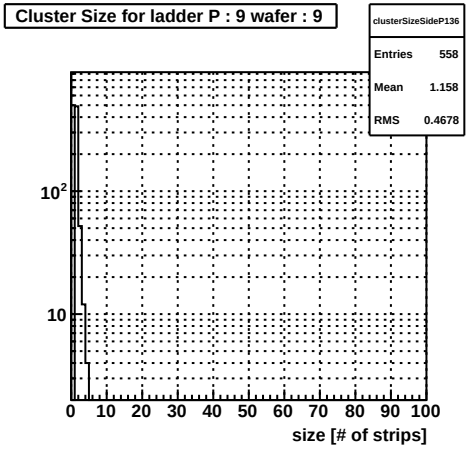

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13931
Mean 1.066
RMS 0.3055
size [# of strips]

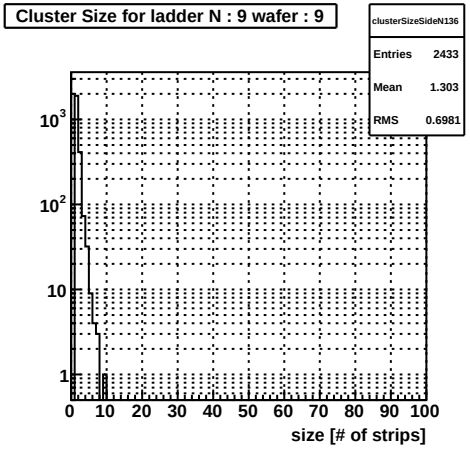

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7099
Mean 1.22
RMS 0.6266
size [# of strips]

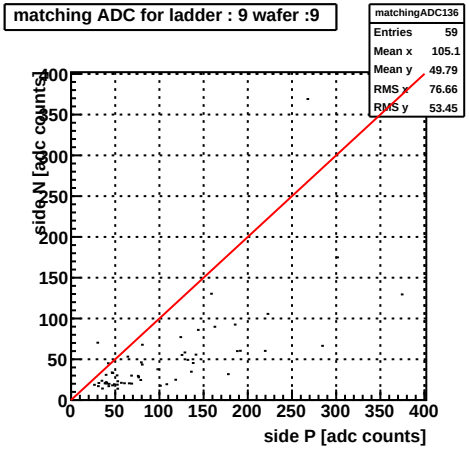

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1009
Mean x 57.77
Mean y 56.73
RMS x 54.3
RMS y 52.21
side N [adc counts]
side P [adc counts]

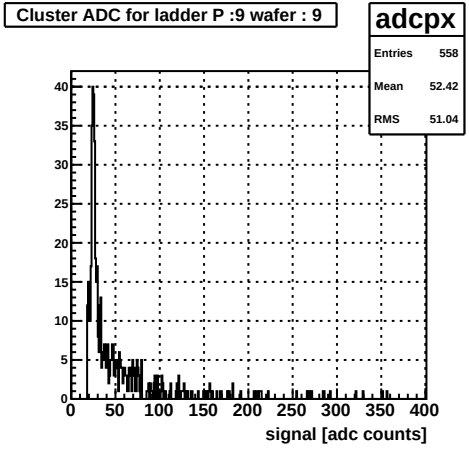

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13931
Mean 32.43
RMS 28.28
signal [adc counts]

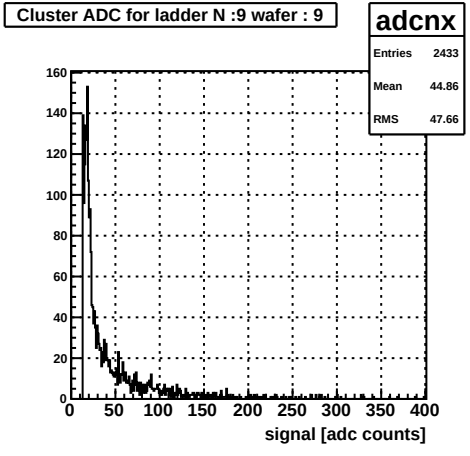

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7099
Mean 31.96
RMS 33.34
signal [adc counts]

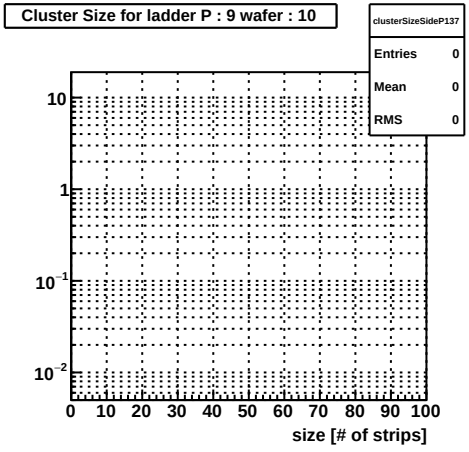

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 558
Mean 1.158
RMS 0.4678
size [# of strips]

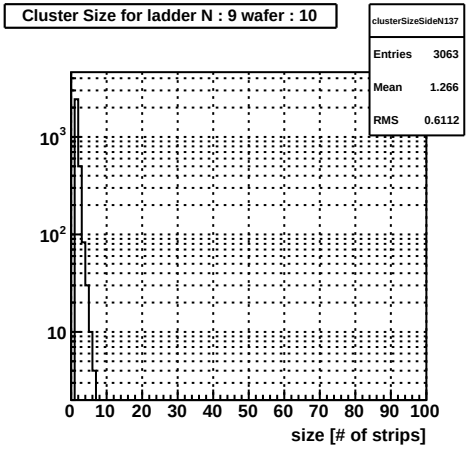

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2433
Mean 1.303
RMS 0.6981
size [# of strips]

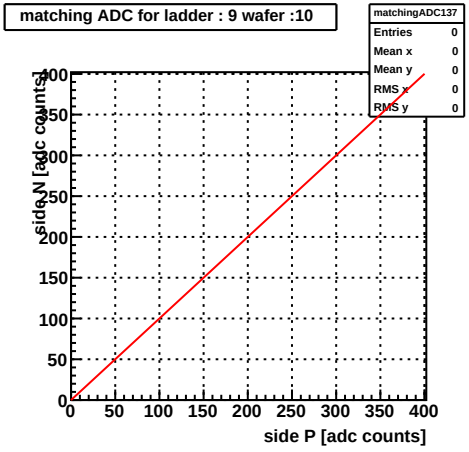

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 59
Mean x 105.1
Mean y 49.79
RMS x 76.66
RMS y 53.45
side N [adc counts]
side P [adc counts]

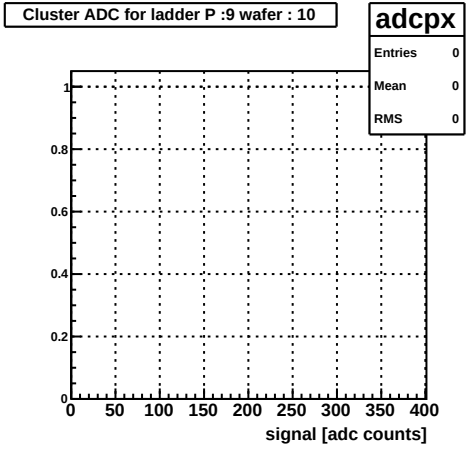

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 558
Mean 52.42
RMS 51.04
signal [adc counts]

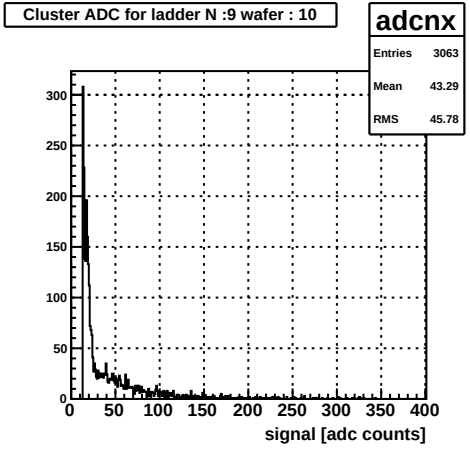

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2433
Mean 44.86
RMS 47.66
signal [adc counts]

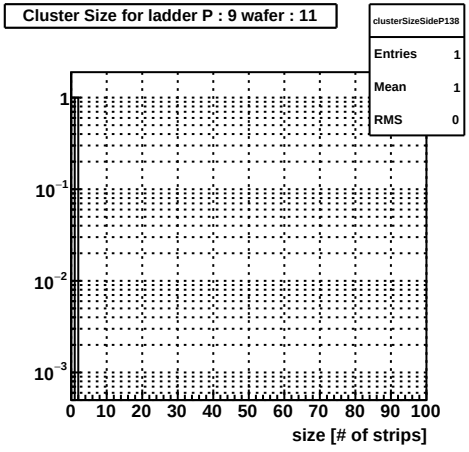

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

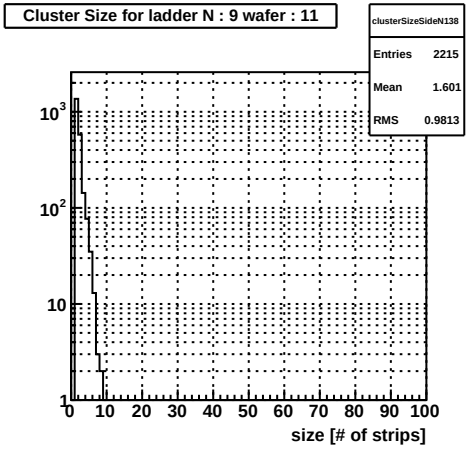

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3063
Mean 1.266
RMS 0.6112
size [# of strips]

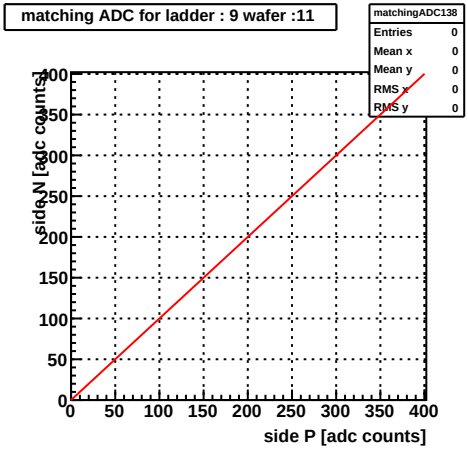

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

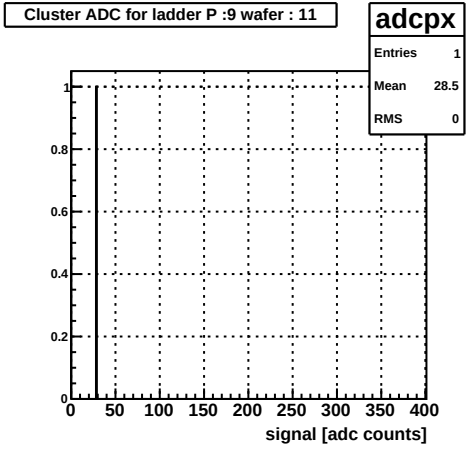

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

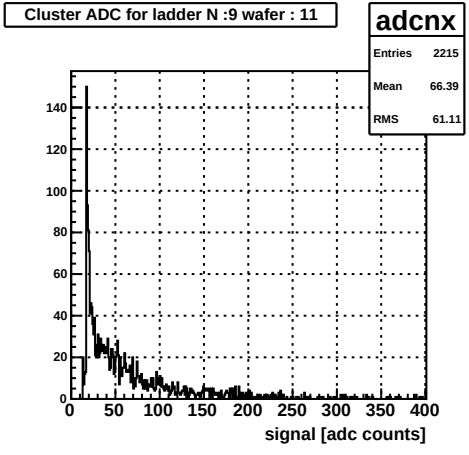

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3063
Mean 43.29
RMS 45.78
signal [adc counts]

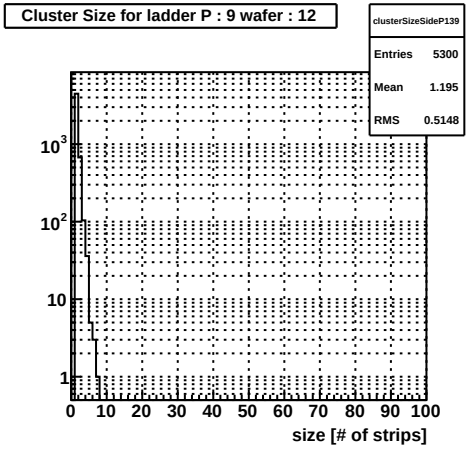

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

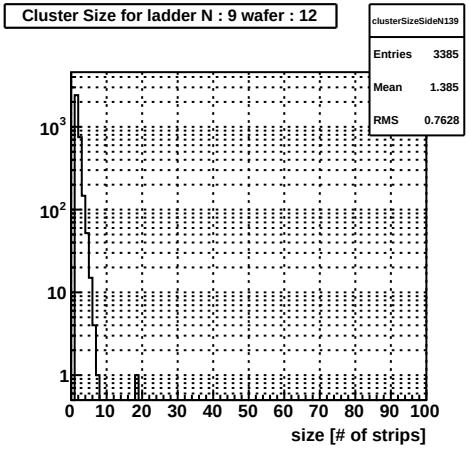

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2215
Mean 1.601
RMS 0.9813
size [# of strips]

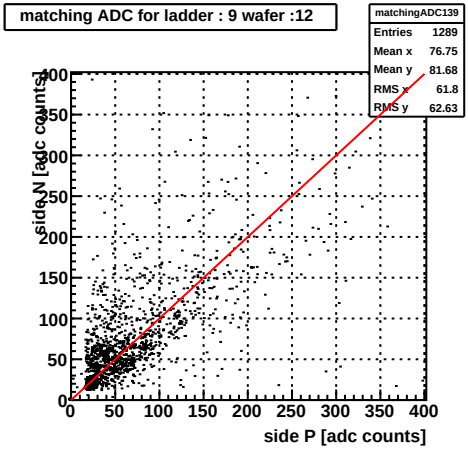

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

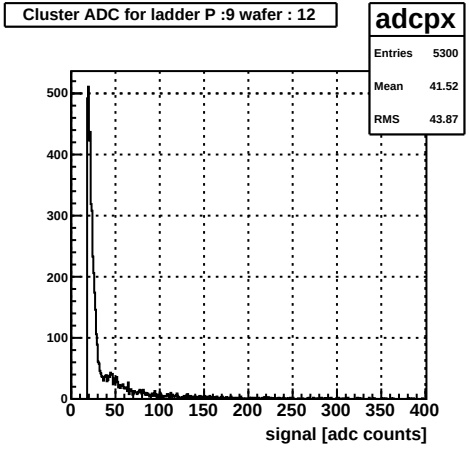

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 28.5
RMS 0
signal [adc counts]

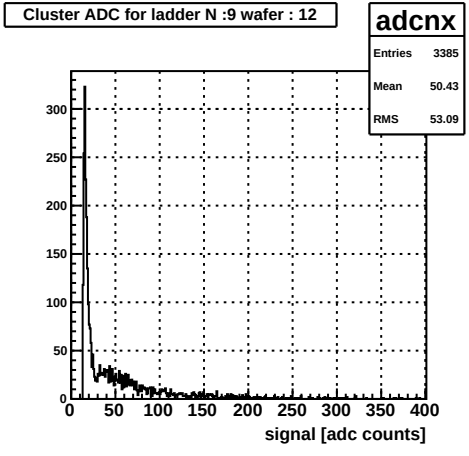

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2215
Mean 66.39
RMS 61.11
signal [adc counts]

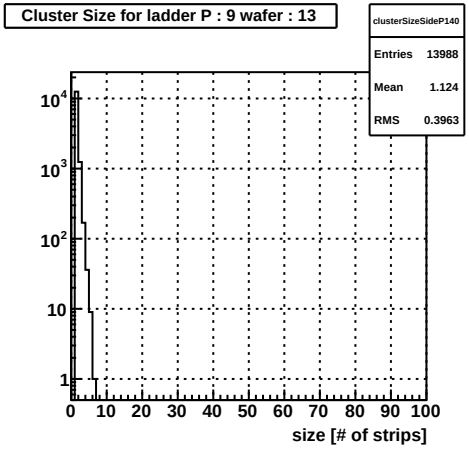

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5300
Mean 1.195
RMS 0.5148
size [# of strips]

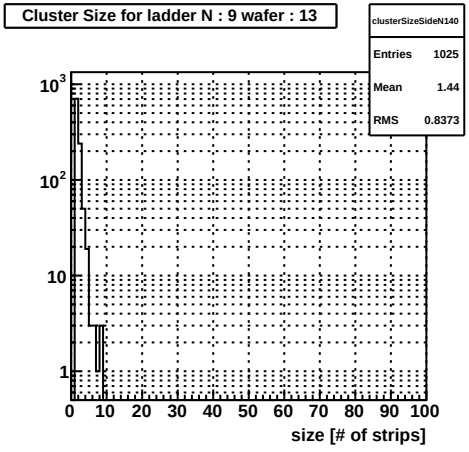

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3385
Mean 1.385
RMS 0.7628
size [# of strips]

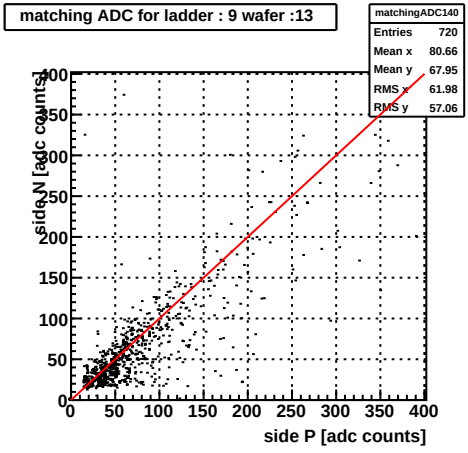

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1289
Mean x 76.75
Mean y 81.68
RMS x 61.8
RMS y 62.63
side N [adc counts]
side P [adc counts]

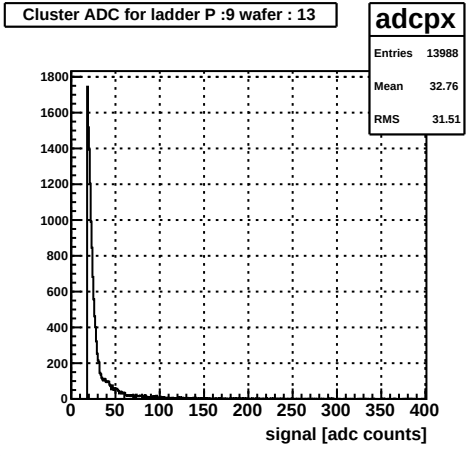

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5300
Mean 41.52
RMS 43.87
signal [adc counts]

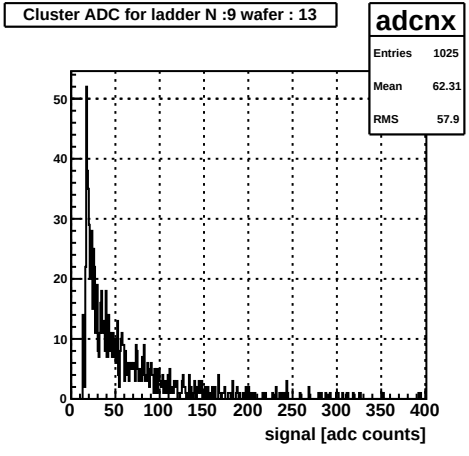

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3385
Mean 50.43
RMS 53.09
signal [adc counts]

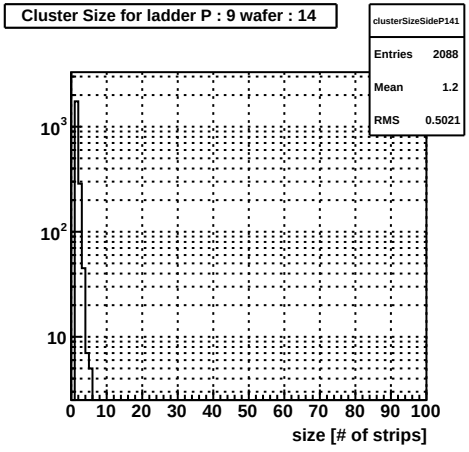

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13988
Mean 1.124
RMS 0.3963
size [# of strips]

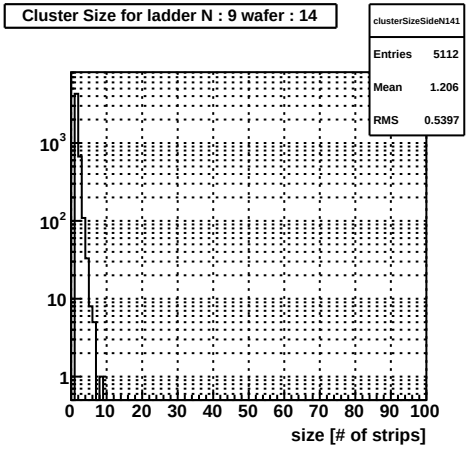

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1025
Mean 1.44
RMS 0.8373
size [# of strips]

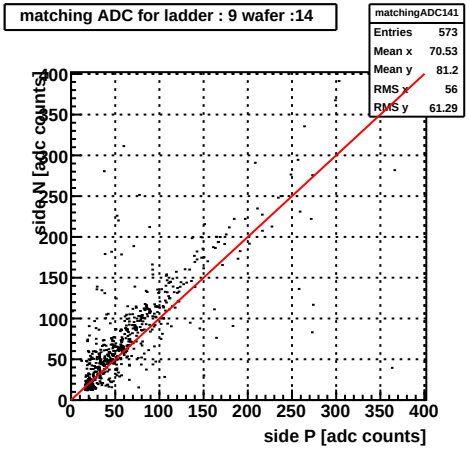

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 720
Mean x 80.66
Mean y 67.95
RMS x 61.98
RMS y 57.06
side N [adc counts]
side P [adc counts]

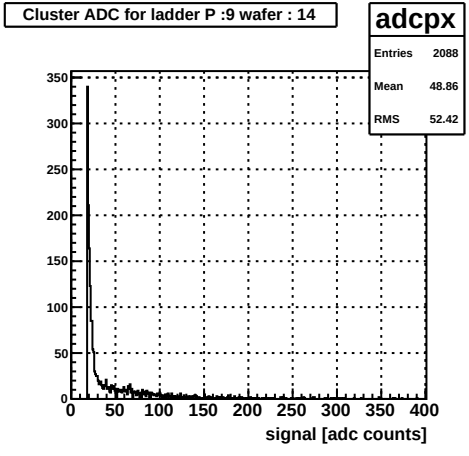

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13988
Mean 32.76
RMS 31.51
signal [adc counts]

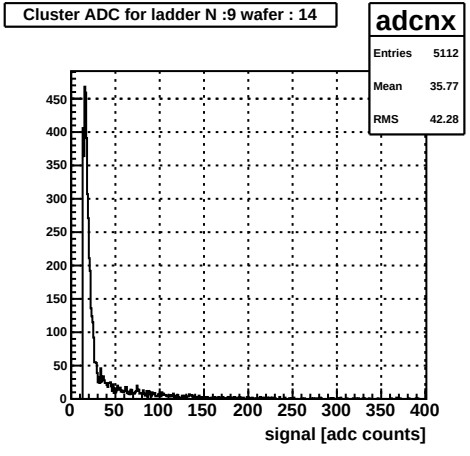

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1025
Mean 62.31
RMS 57.9
signal [adc counts]

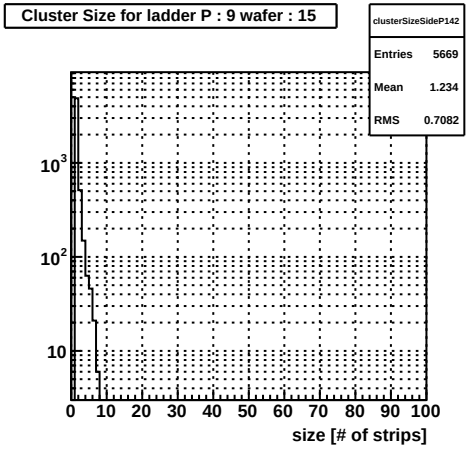

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2088
Mean 1.2
RMS 0.5021
size [# of strips]

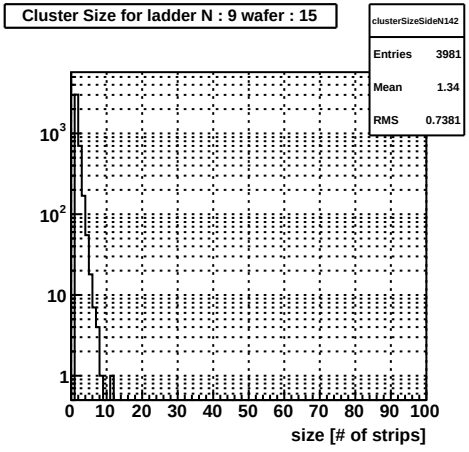

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5112
Mean 1.206
RMS 0.5397
size [# of strips]

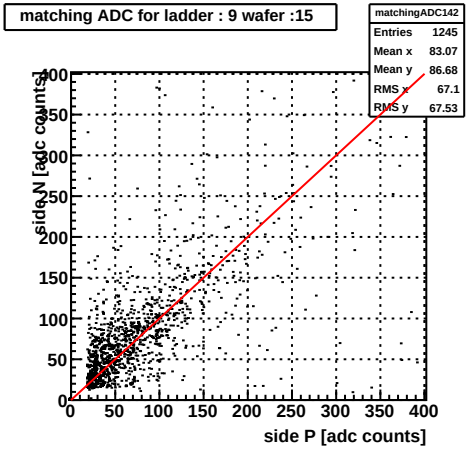

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 573
Mean x 70.53
Mean y 81.2
RMS x 56
RMS y 61.29
side N [adc counts]
side P [adc counts]

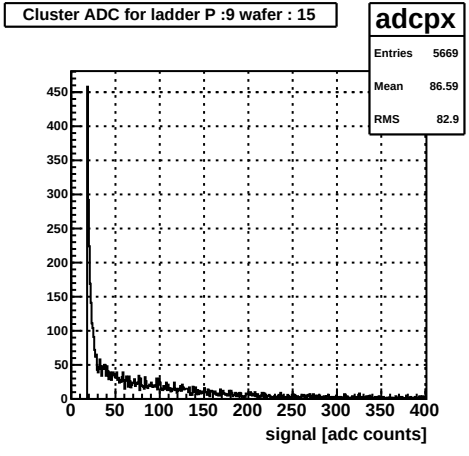

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2088
Mean 48.86
RMS 52.42
signal [adc counts]

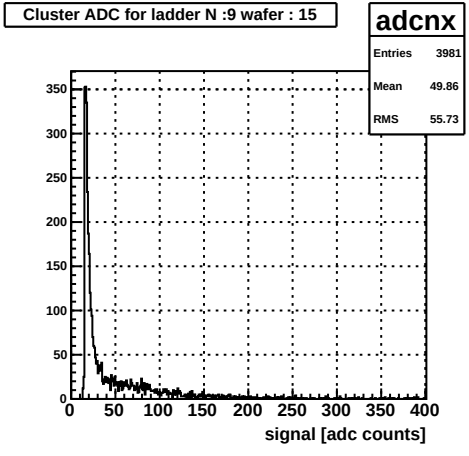

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5112
Mean 35.77
RMS 42.28
signal [adc counts]

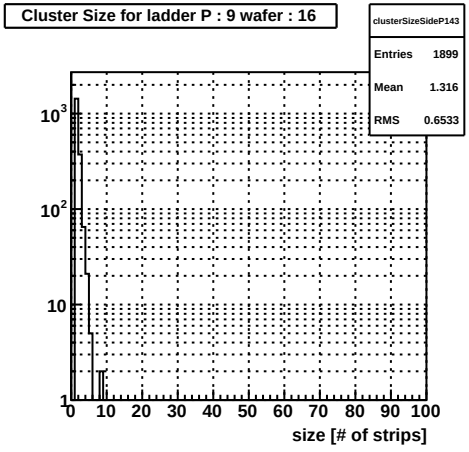

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5669
Mean 1.234
RMS 0.7082
size [# of strips]

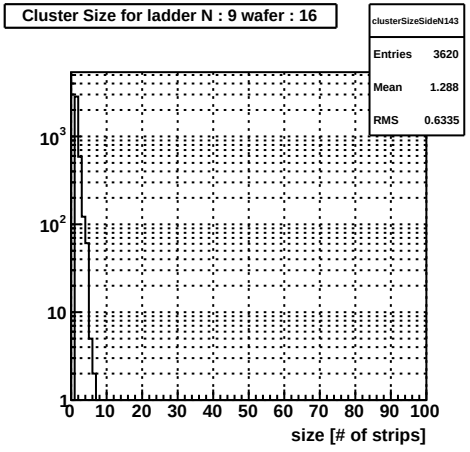

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3981
Mean 1.34
RMS 0.7381
size [# of strips]

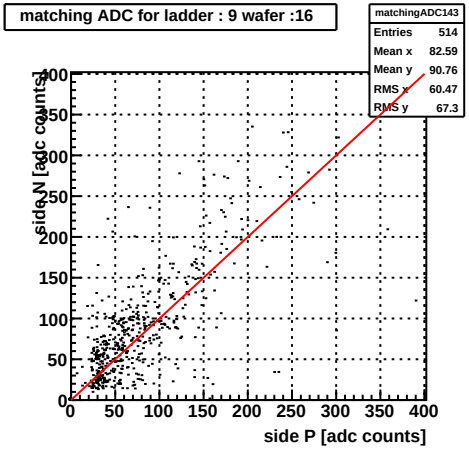

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1245
Mean x 83.07
Mean y 86.68
RMS x 67.1
RMS y 67.53
side N [adc counts]
side P [adc counts]

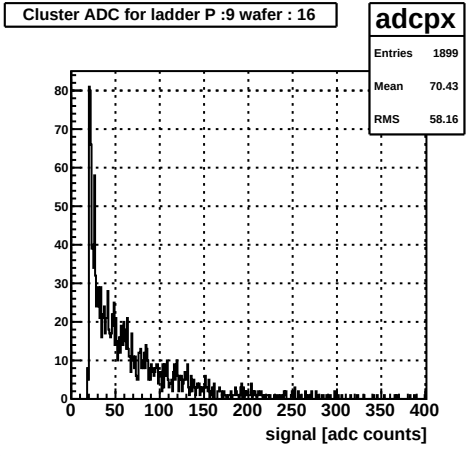

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5669
Mean 86.59
RMS 82.9
signal [adc counts]

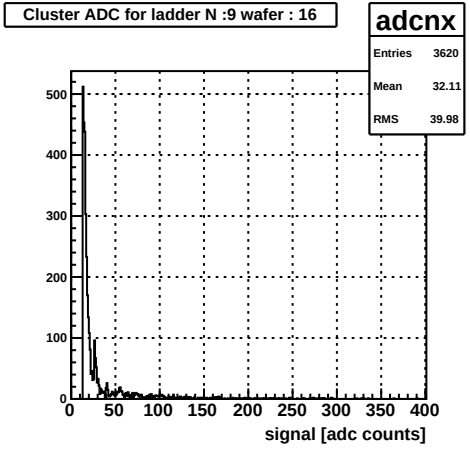

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3981
Mean 49.86
RMS 55.73
signal [adc counts]

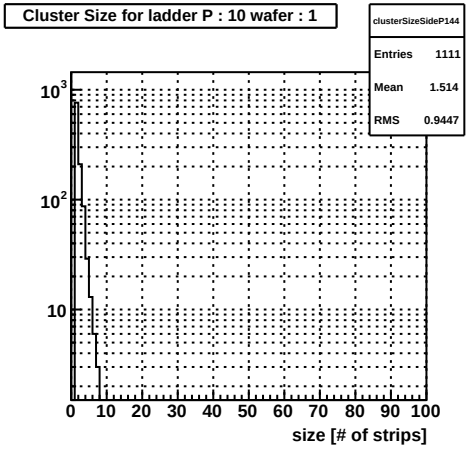

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1899
Mean 1.316
RMS 0.6533
size [# of strips]

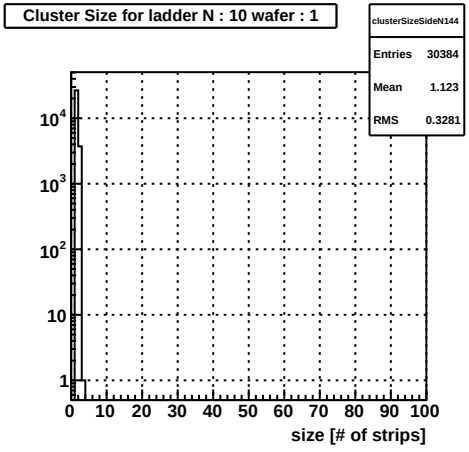

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3620
Mean 1.288
RMS 0.6335
size [# of strips]

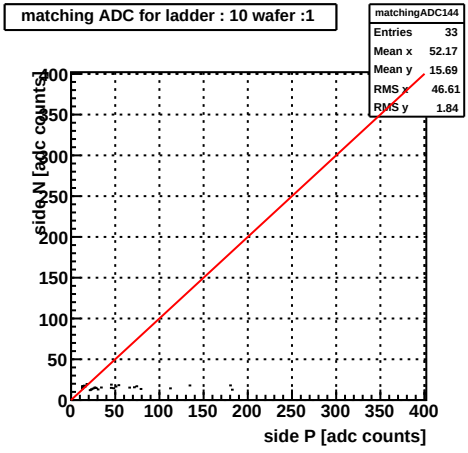

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 514
Mean x 82.59
Mean y 90.76
RMS x 60.47
RMS y 67.3
side N [adc counts]
side P [adc counts]

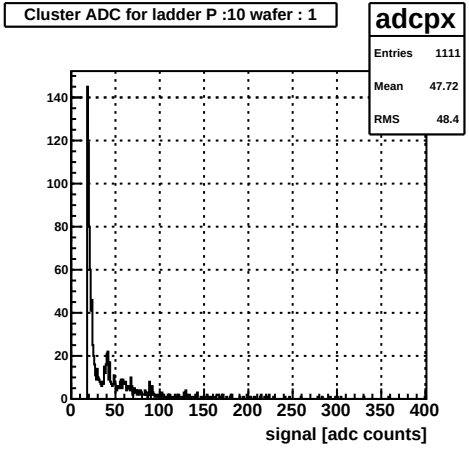

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1899
Mean 70.43
RMS 58.16
signal [adc counts]

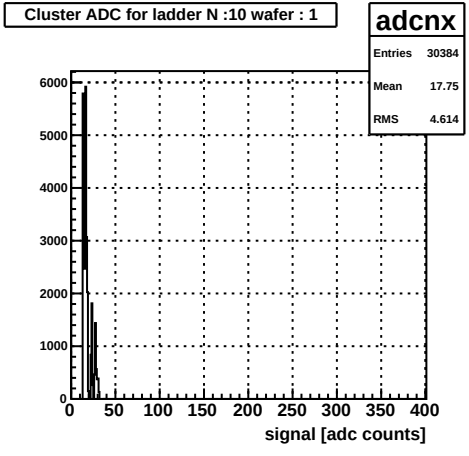

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3620
Mean 32.11
RMS 39.98
signal [adc counts]

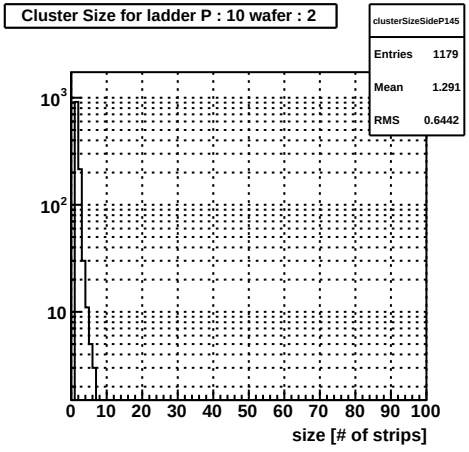

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1111
Mean 1.514
RMS 0.9447
size [# of strips]

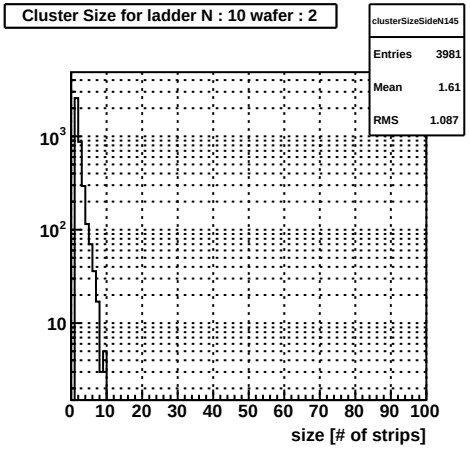

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 30384
Mean 1.123
RMS 0.3281
size [# of strips]

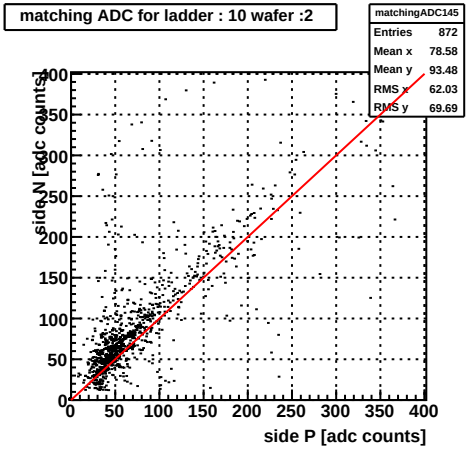

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 33
Mean x 52.17
Mean y 15.69
RMS x 46.61
RMS y 1.84
side N [adc counts]
side P [adc counts]

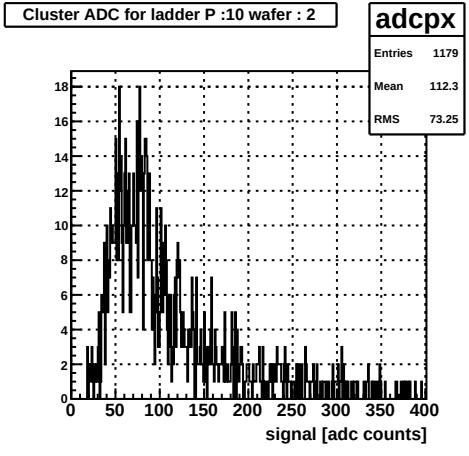

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1111
Mean 47.72
RMS 48.4
signal [adc counts]

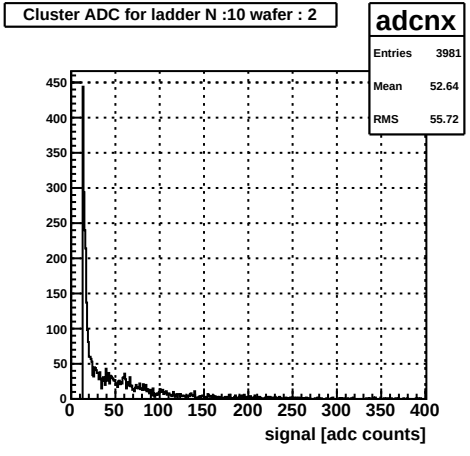

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 30384
Mean 17.75
RMS 4.614
signal [adc counts]

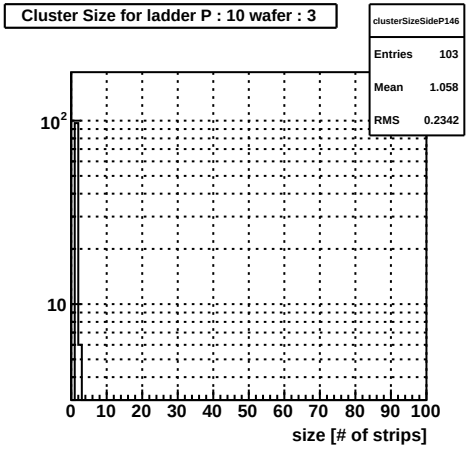

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1179
Mean 1.291
RMS 0.6442
size [# of strips]

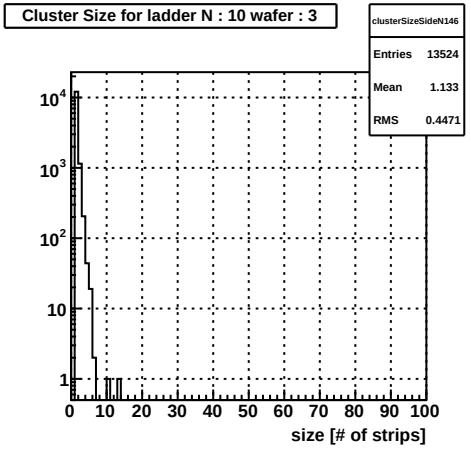

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3981
Mean 1.61
RMS 1.087
size [# of strips]

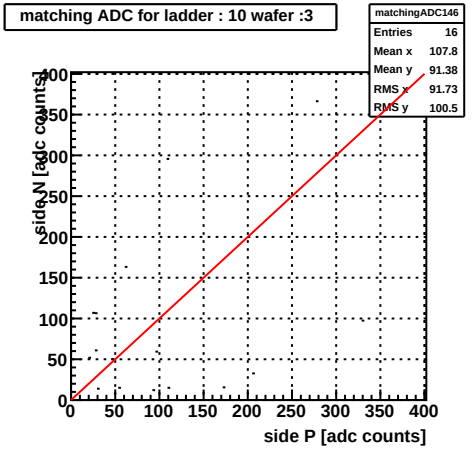

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 872
Mean x 78.58
Mean y 93.48
RMS x 62.03
RMS y 69.69
side N [adc counts]
side P [adc counts]

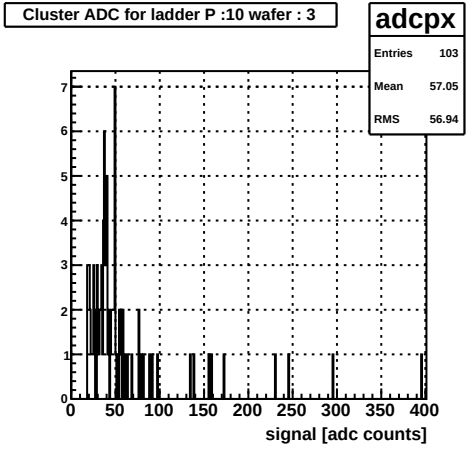

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1179
Mean 112.3
RMS 73.25
signal [adc counts]

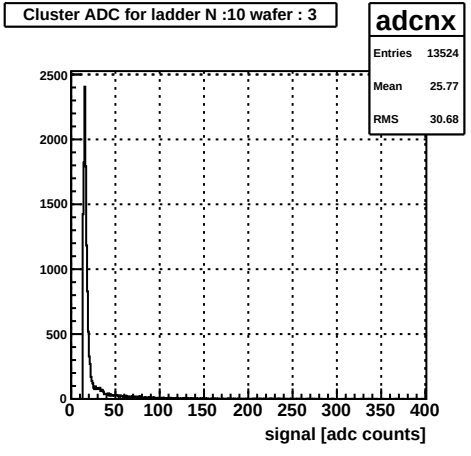

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3981
Mean 52.64
RMS 55.72
signal [adc counts]

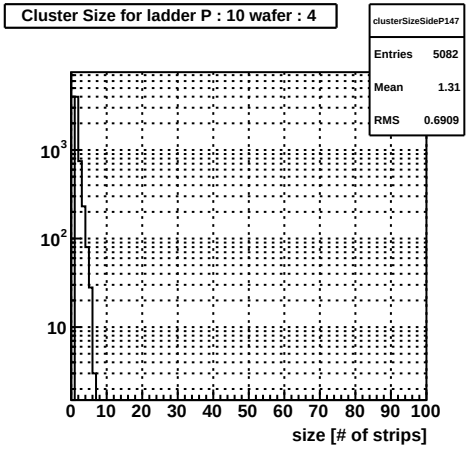

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 103
Mean 1.058
RMS 0.2342
size [# of strips]

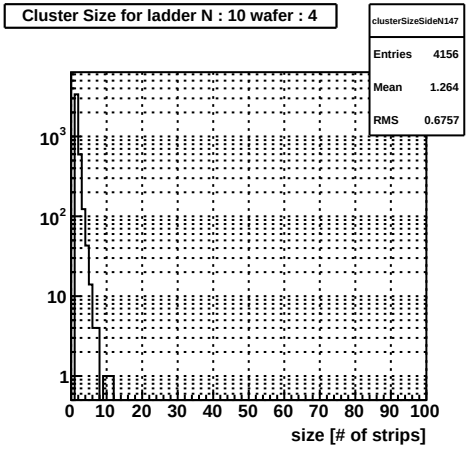

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13524
Mean 1.133
RMS 0.4471
size [# of strips]

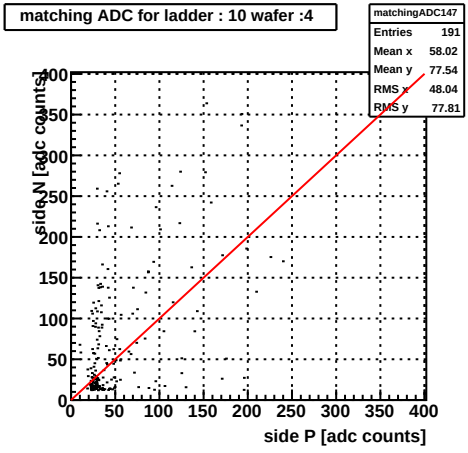

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 16
Mean x 107.8
Mean y 91.38
RMS x 91.73
RMS y 100.5
side N [adc counts]
side P [adc counts]

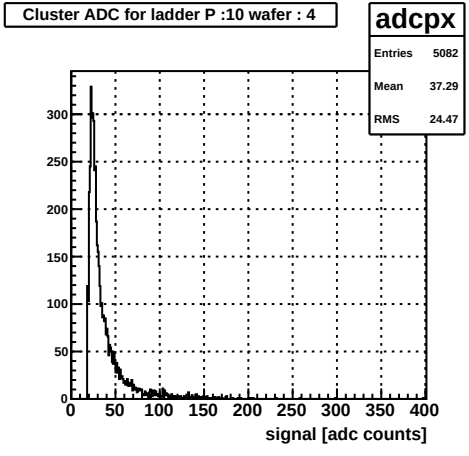

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 103
Mean 57.05
RMS 56.94
signal [adc counts]

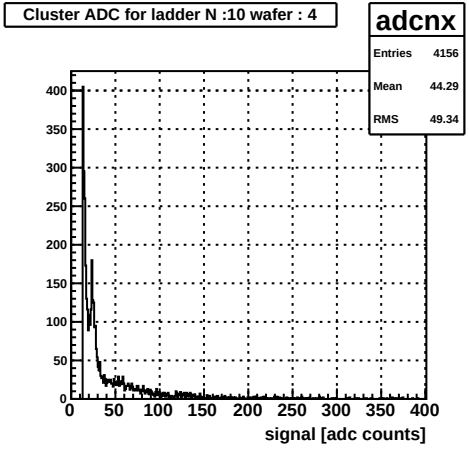

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13524
Mean 25.77
RMS 30.68
signal [adc counts]

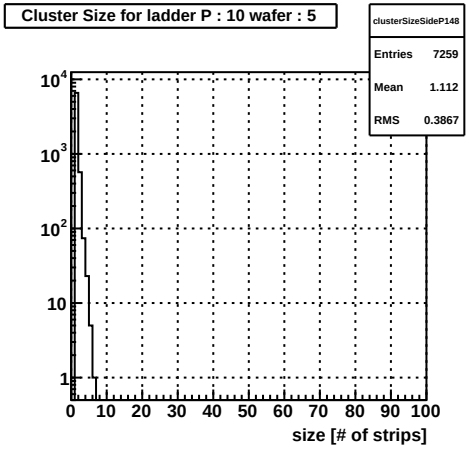

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5082
Mean 1.31
RMS 0.6909
size [# of strips]

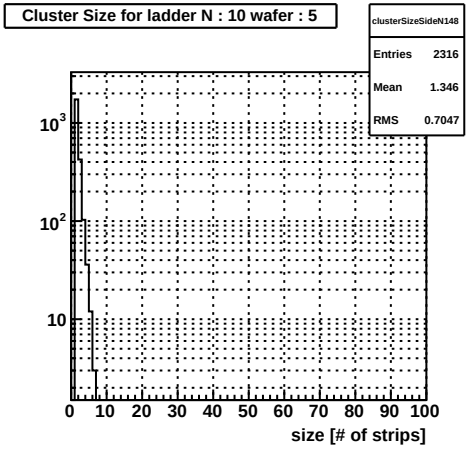

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 4156
Mean 1.264
RMS 0.6757
size [# of strips]

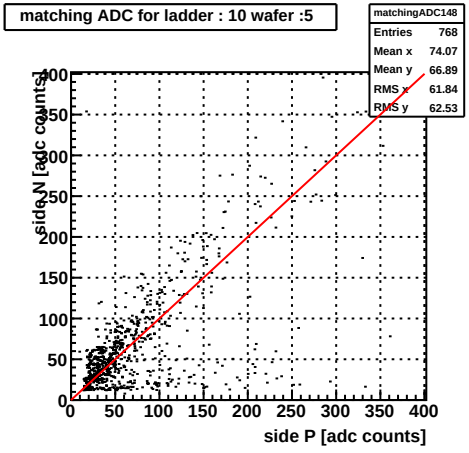

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 191
Mean x 58.02
Mean y 77.54
RMS x 48.04
RMS y 77.81
side N [adc counts]
side P [adc counts]

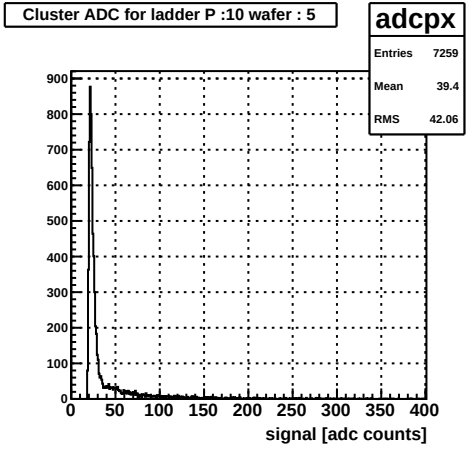

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5082
Mean 37.29
RMS 24.47
signal [adc counts]

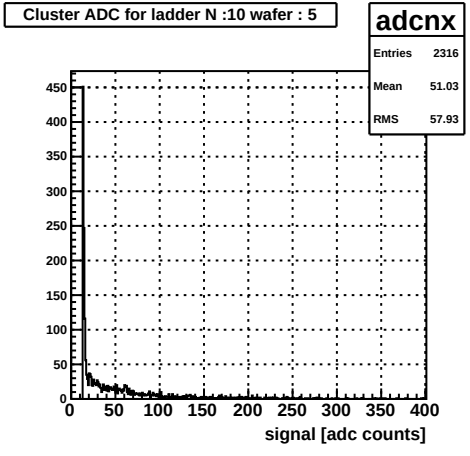

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 4156
Mean 44.29
RMS 49.34
signal [adc counts]

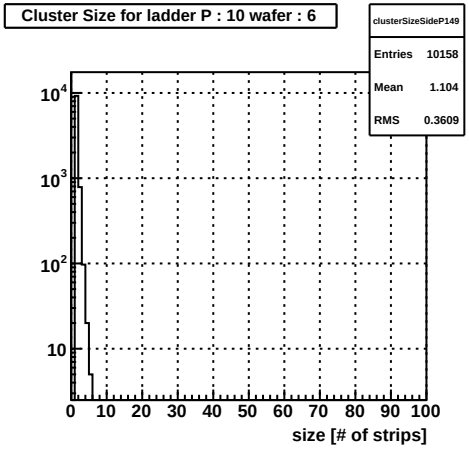

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7259
Mean 1.112
RMS 0.3867
size [# of strips]

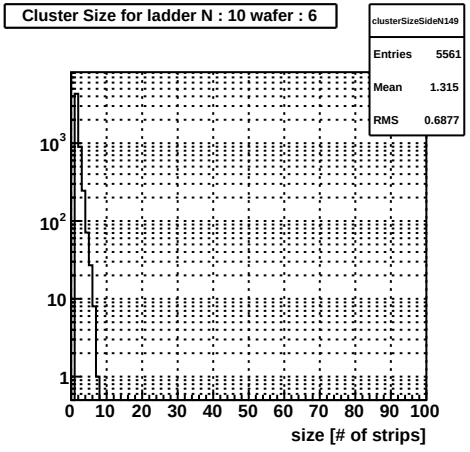

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2316
Mean 1.346
RMS 0.7047
size [# of strips]

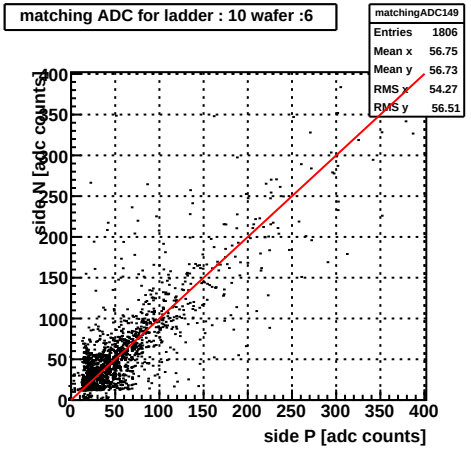

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 768
Mean x 74.07
Mean y 66.89
RMS x 61.84
RMS y 62.53
side N [adc counts]
side P [adc counts]

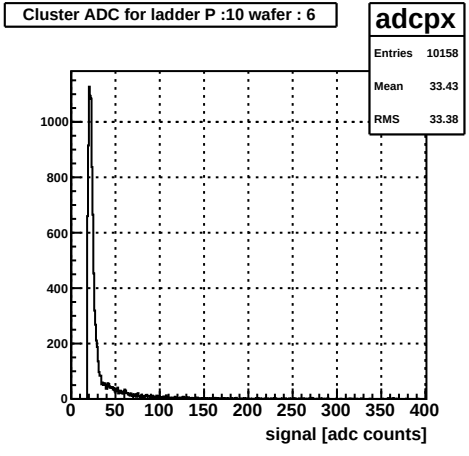

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7259
Mean 39.4
RMS 42.06
signal [adc counts]

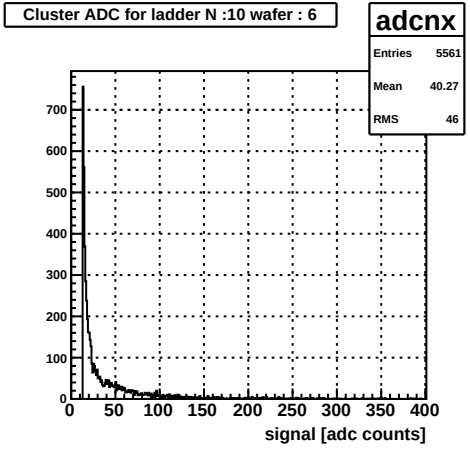

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2316
Mean 51.03
RMS 57.93
signal [adc counts]

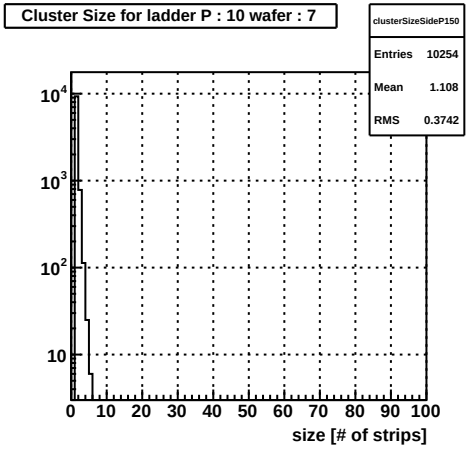

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10158
Mean 1.104
RMS 0.3609
size [# of strips]

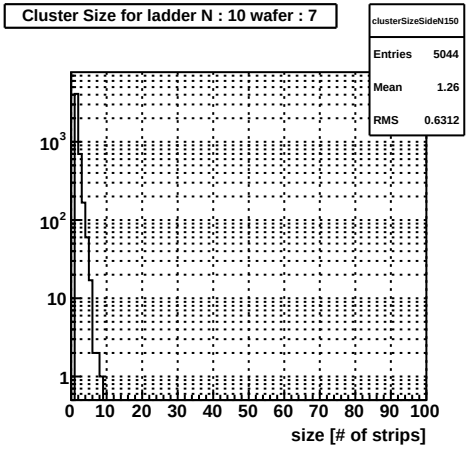

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5561
Mean 1.315
RMS 0.6877
size [# of strips]

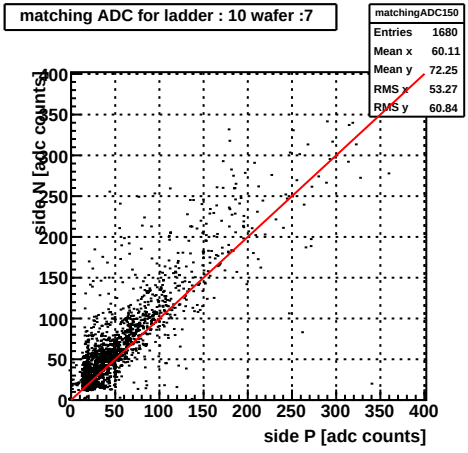

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1806
Mean x 56.75
Mean y 56.73
RMS x 54.27
RMS y 56.51
side N [adc counts]
side P [adc counts]

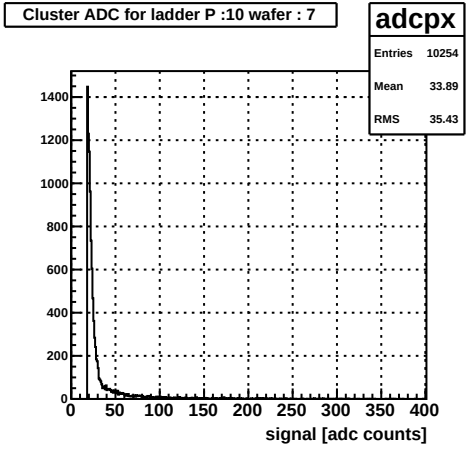

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10158
Mean 33.43
RMS 33.38
signal [adc counts]

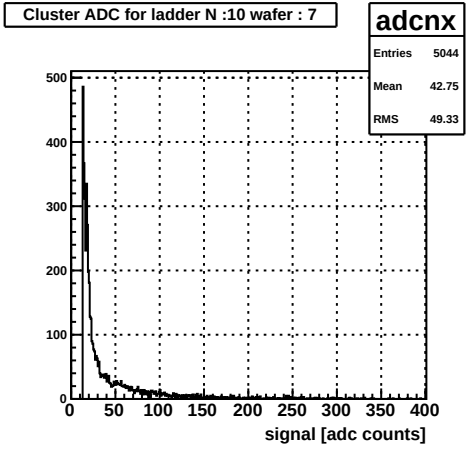

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5561
Mean 40.27
RMS 46
signal [adc counts]

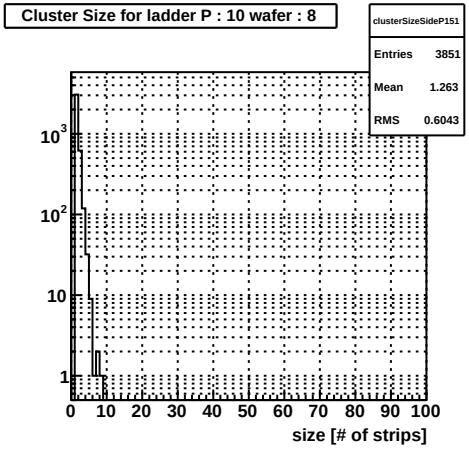

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10254
Mean 1.108
RMS 0.3742
size [# of strips]

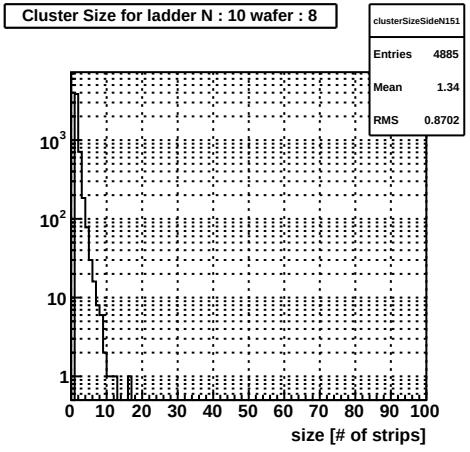

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5044
Mean 1.26
RMS 0.6312
size [# of strips]

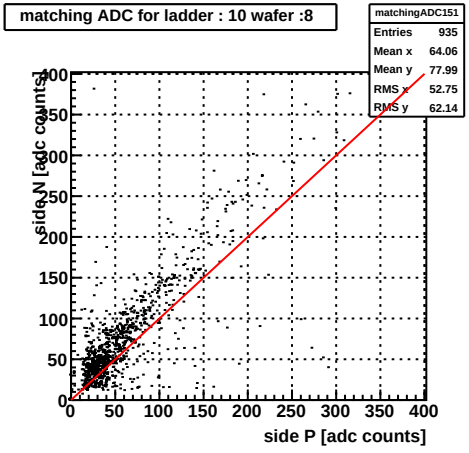

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1680
Mean x 60.11
Mean y 72.25
RMS x 53.27
RMS y 60.84
side N [adc counts]
side P [adc counts]

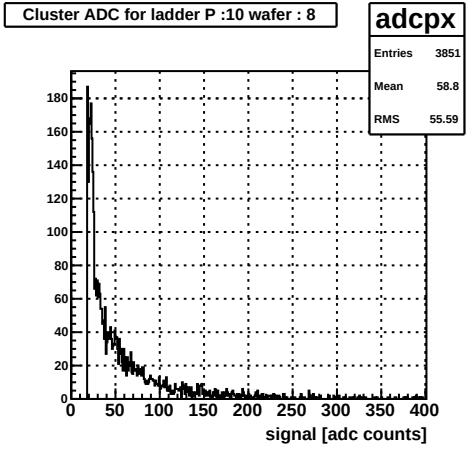

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10254
Mean 33.89
RMS 35.43
signal [adc counts]

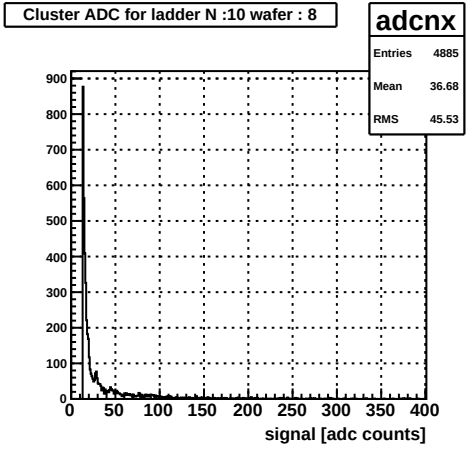

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5044
Mean 42.75
RMS 49.33
signal [adc counts]

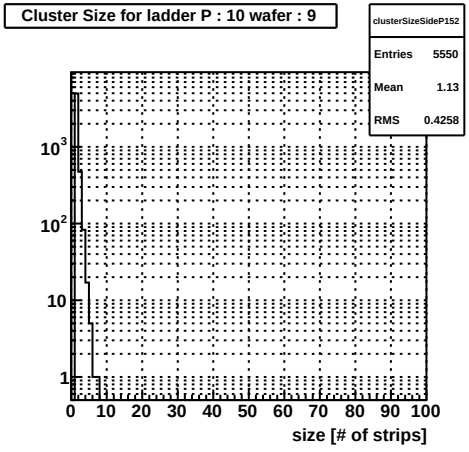

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3851
Mean 1.263
RMS 0.6043
size [# of strips]

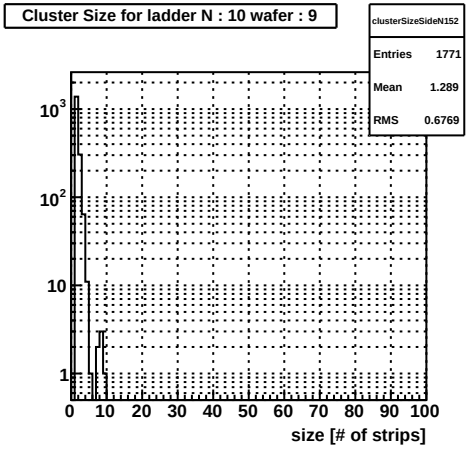

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4885
Mean 1.34
RMS 0.8702
size [# of strips]

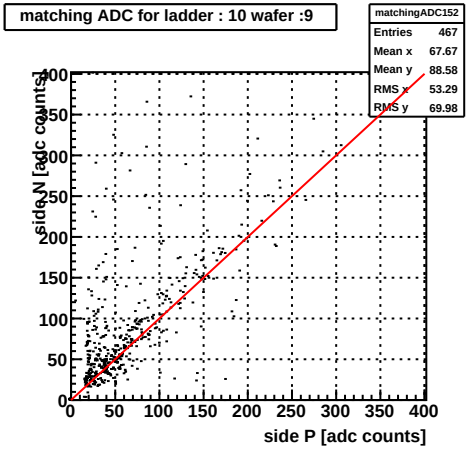

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 935
Mean x 64.06
Mean y 77.99
RMS x 52.75
RMS y 62.14
side N [adc counts]
side P [adc counts]

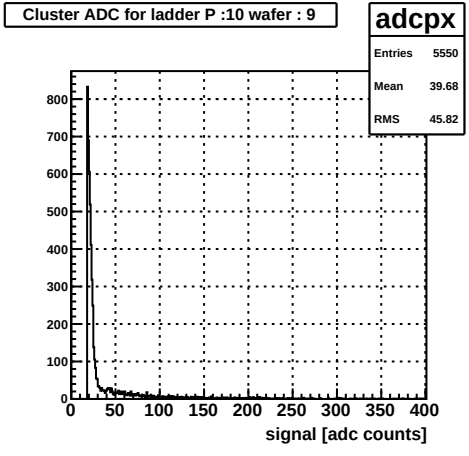

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3851
Mean 58.8
RMS 55.59
signal [adc counts]

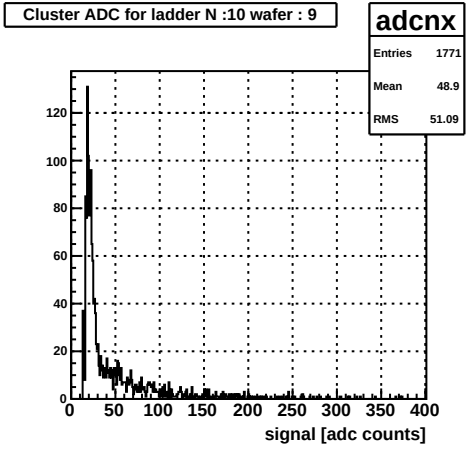

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4885
Mean 36.68
RMS 45.53
signal [adc counts]

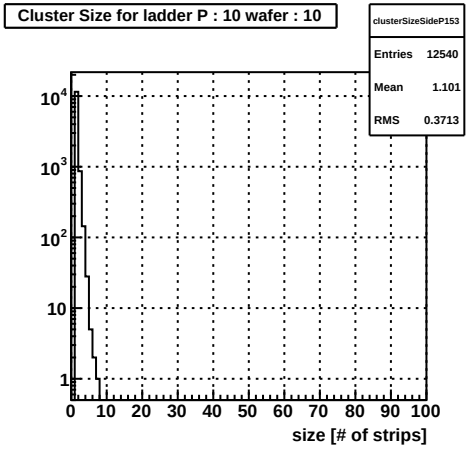

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 5550
Mean 1.13
RMS 0.4258
size [# of strips]

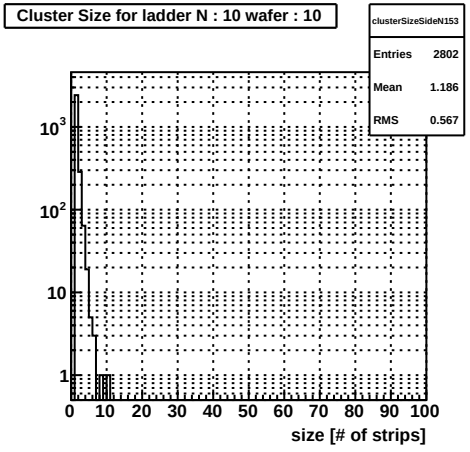

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1771
Mean 1.289
RMS 0.6769
size [# of strips]

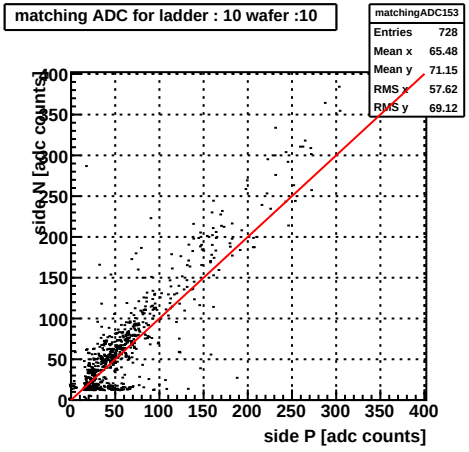

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 467
Mean x 67.67
Mean y 88.58
RMS x 53.29
RMS y 69.98
side N [adc counts]
side P [adc counts]

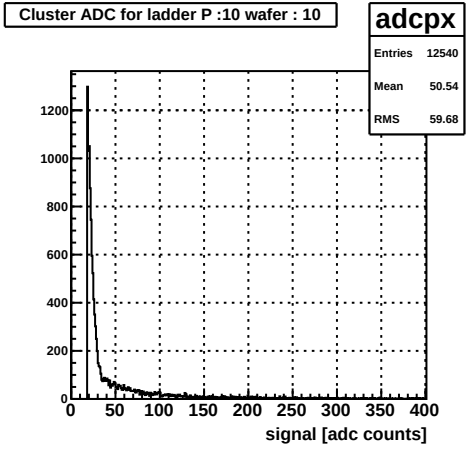

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 5550
Mean 39.68
RMS 45.82
signal [adc counts]

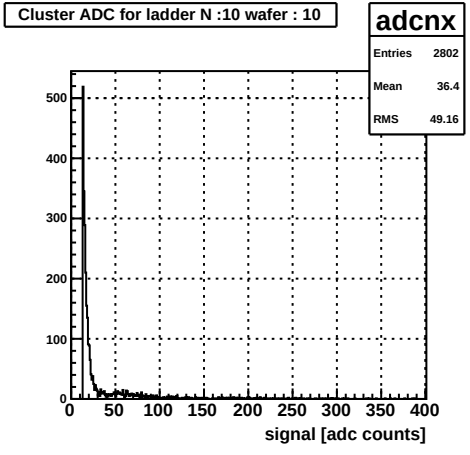

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1771
Mean 48.9
RMS 51.09
signal [adc counts]

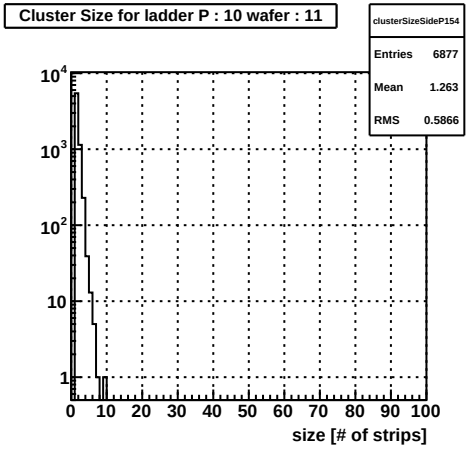

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12540
Mean 1.101
RMS 0.3713
size [# of strips]

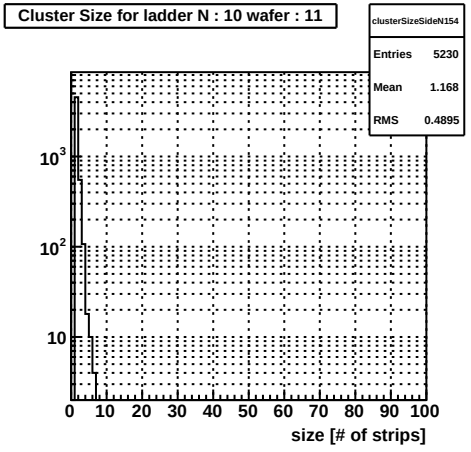

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2802
Mean 1.186
RMS 0.567
size [# of strips]

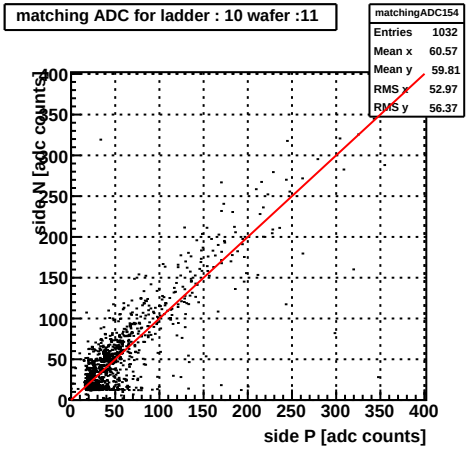

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 728
Mean x 65.48
Mean y 71.15
RMS x 57.62
RMS y 69.12
side N [adc counts]
side P [adc counts]

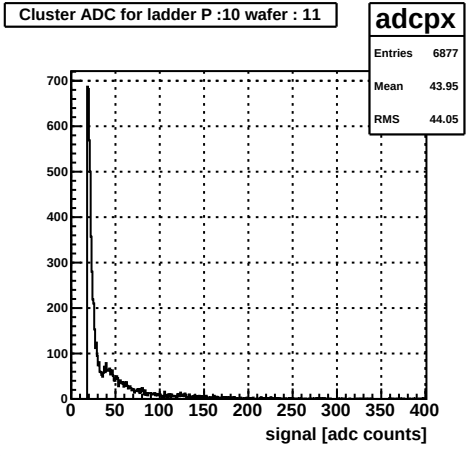

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12540
Mean 50.54
RMS 59.68
signal [adc counts]

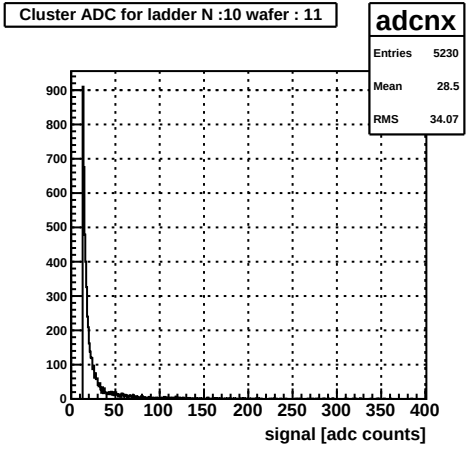

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2802
Mean 36.4
RMS 49.16
signal [adc counts]

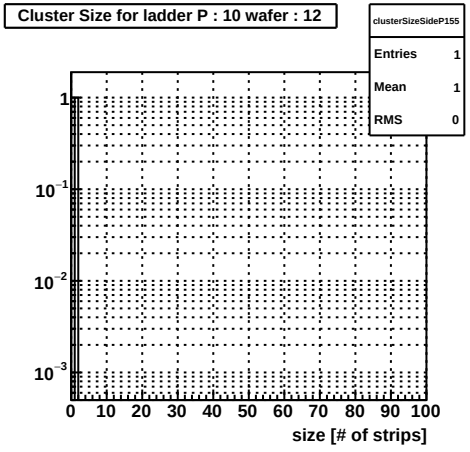

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6877
Mean 1.263
RMS 0.5866
size [# of strips]

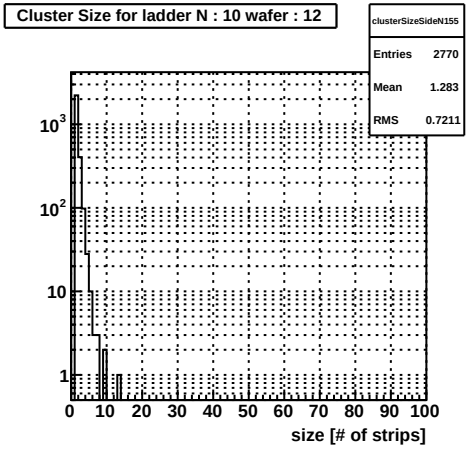

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5230
Mean 1.168
RMS 0.4895
size [# of strips]

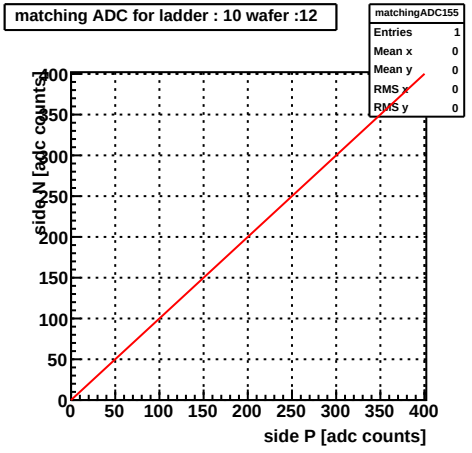

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1032
Mean x 60.57
Mean y 59.81
RMS x 52.97
RMS y 56.37
side N [adc counts]
side P [adc counts]

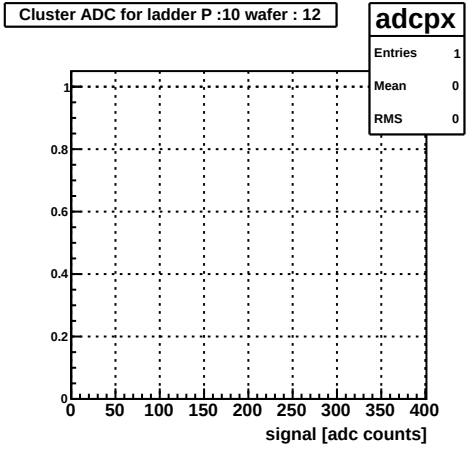

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6877
Mean 43.95
RMS 44.05
signal [adc counts]

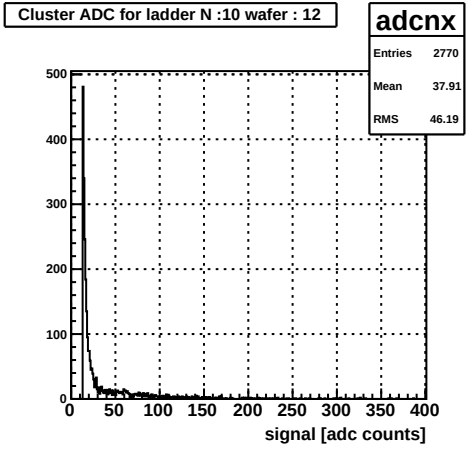

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5230
Mean 28.5
RMS 34.07
signal [adc counts]

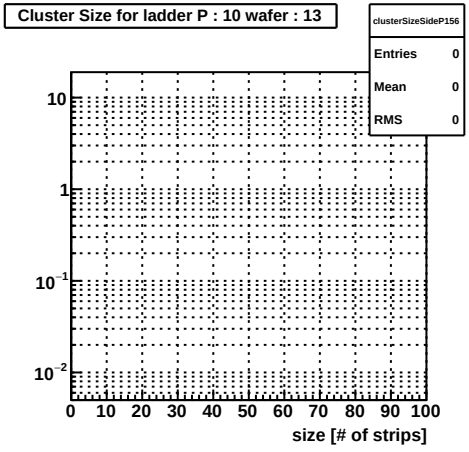

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

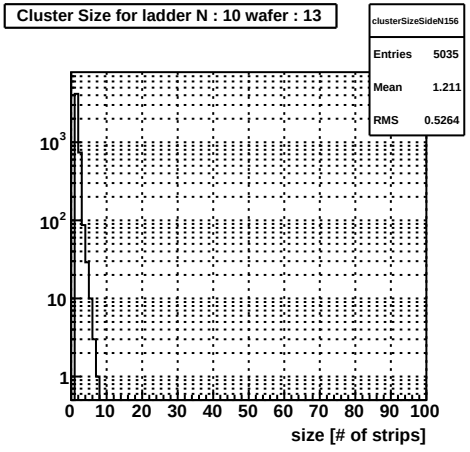

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2770
Mean 1.283
RMS 0.7211
size [# of strips]

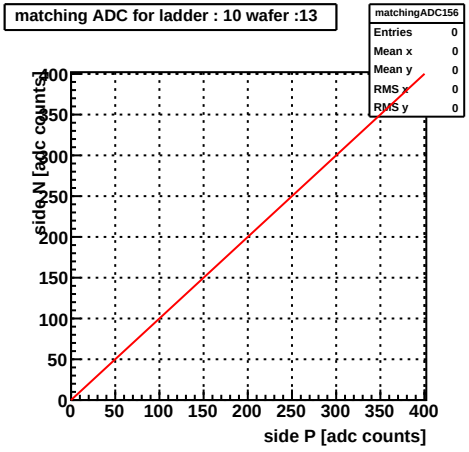

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

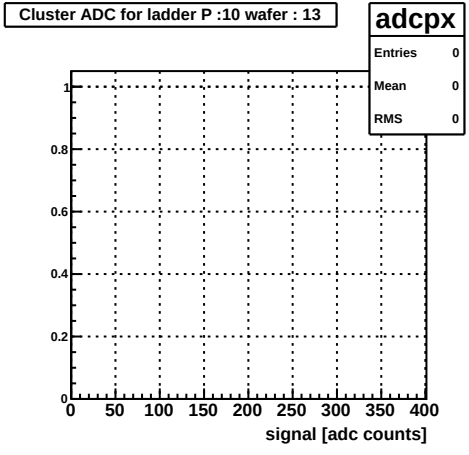

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

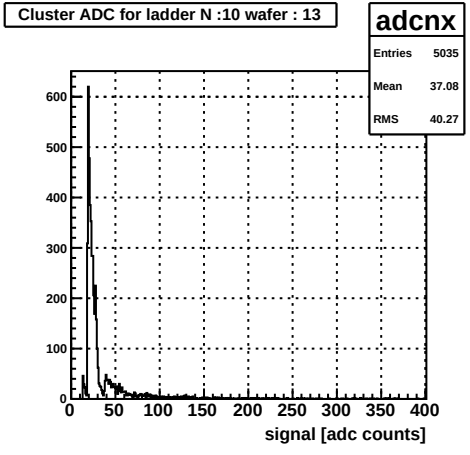

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2770
Mean 37.91
RMS 46.19
signal [adc counts]

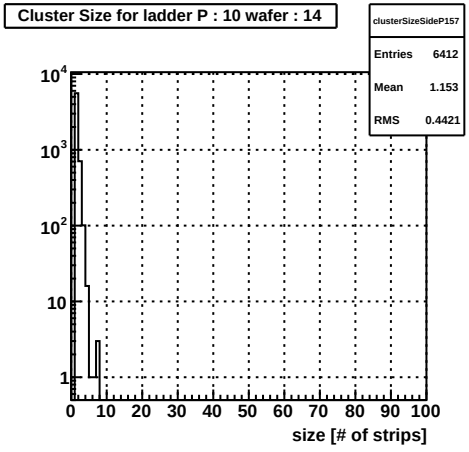

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

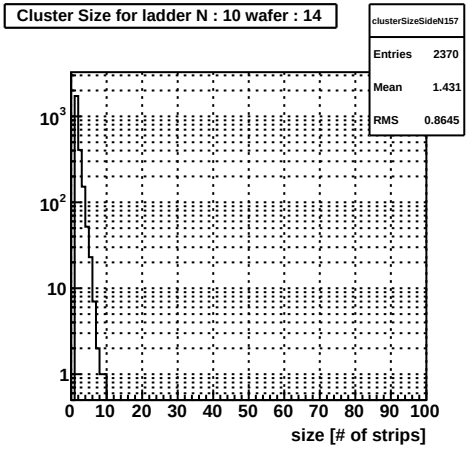

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5035
Mean 1.211
RMS 0.5264
size [# of strips]

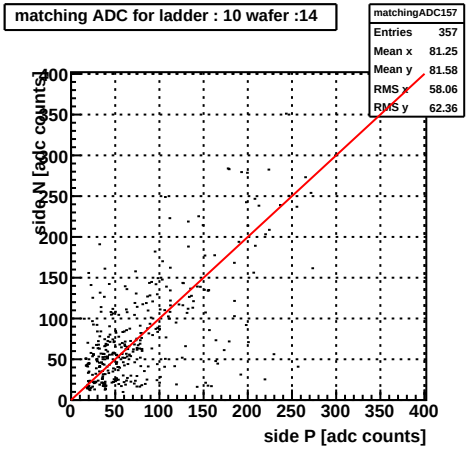

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

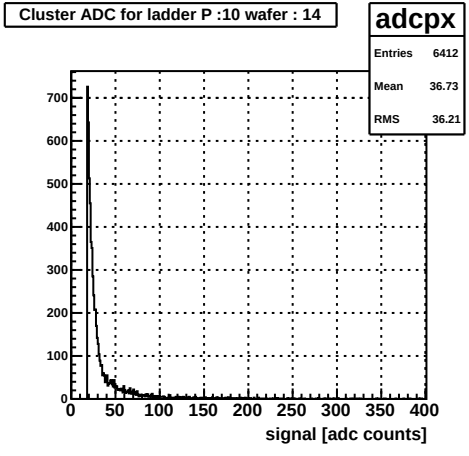

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

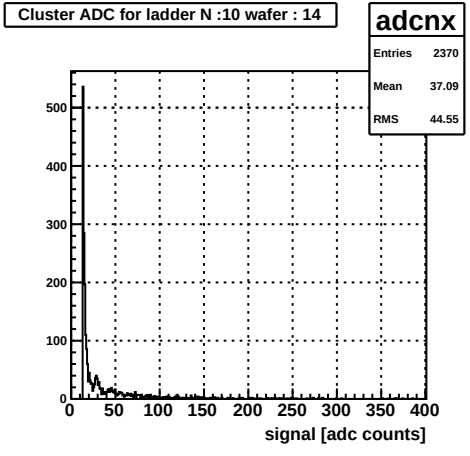

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5035
Mean 37.08
RMS 40.27
signal [adc counts]

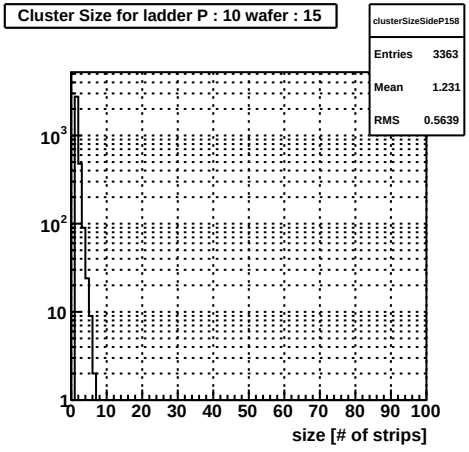

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6412
Mean 1.153
RMS 0.4421
size [# of strips]

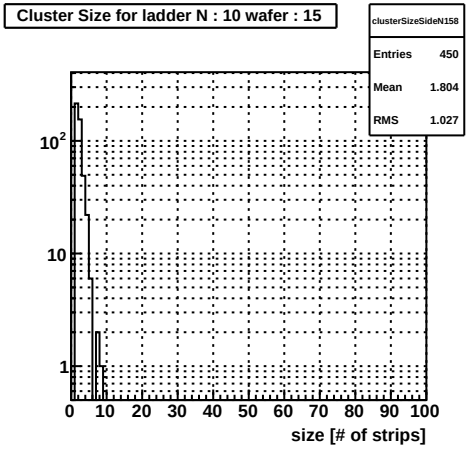

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2370
Mean 1.431
RMS 0.8645
size [# of strips]

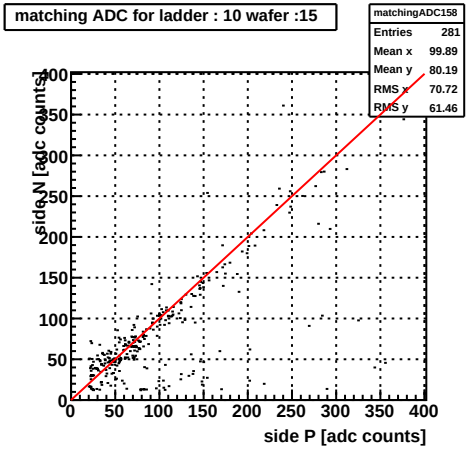

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 357
Mean x 81.25
Mean y 81.58
RMS x 58.06
RMS y 62.36
side N [adc counts]
side P [adc counts]

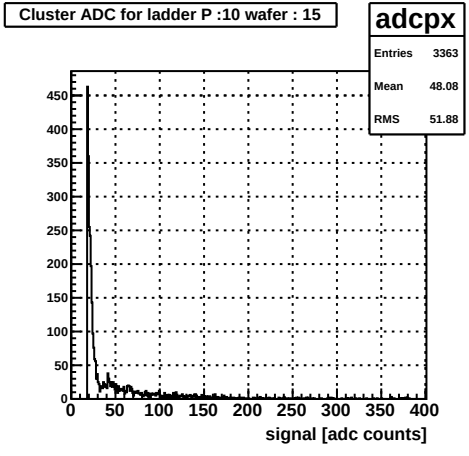

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6412
Mean 36.73
RMS 36.21
signal [adc counts]

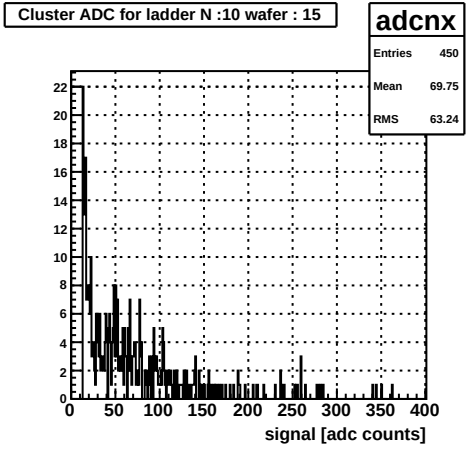

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2370
Mean 37.09
RMS 44.55
signal [adc counts]

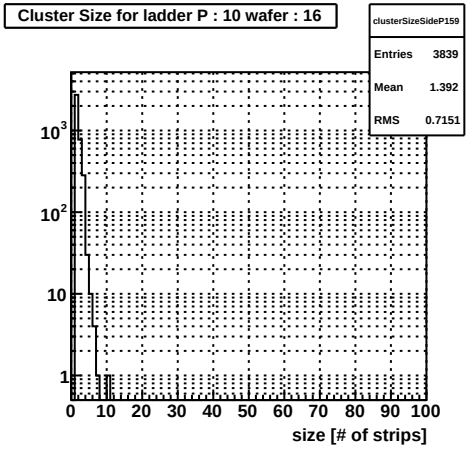

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3363
Mean 1.231
RMS 0.5639
size [# of strips]

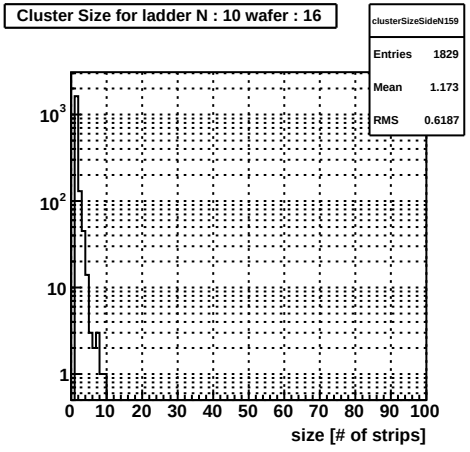

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 450
Mean 1.804
RMS 1.027
size [# of strips]

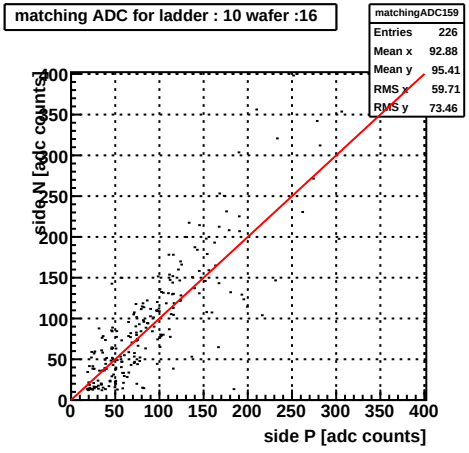

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 281
Mean x 99.89
Mean y 80.19
RMS x 70.72
RMS y 61.46
side N [adc counts]
side P [adc counts]

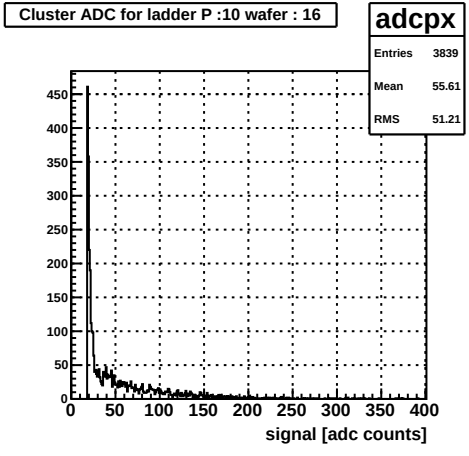

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3363
Mean 48.08
RMS 51.88
signal [adc counts]

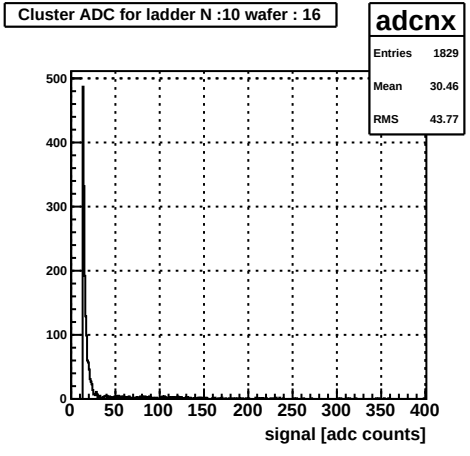

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 450
Mean 69.75
RMS 63.24
signal [adc counts]

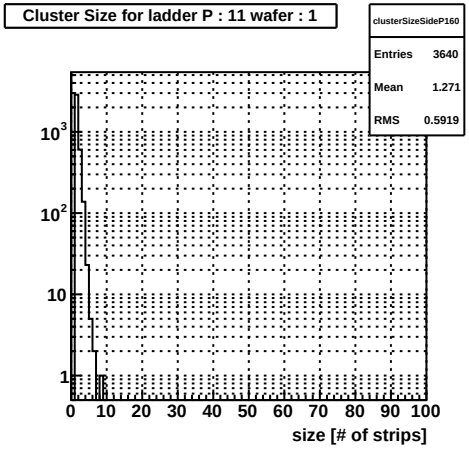

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3839
Mean 1.392
RMS 0.7151
size [# of strips]

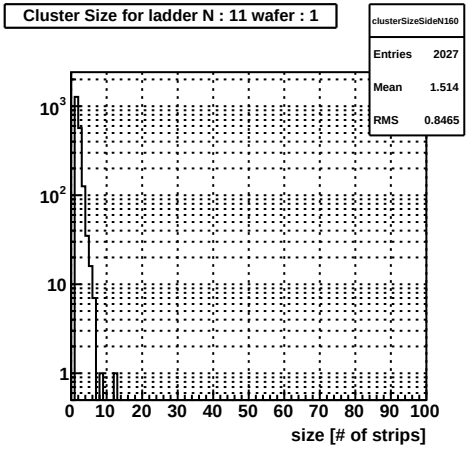

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1829
Mean 1.173
RMS 0.6187
size [# of strips]

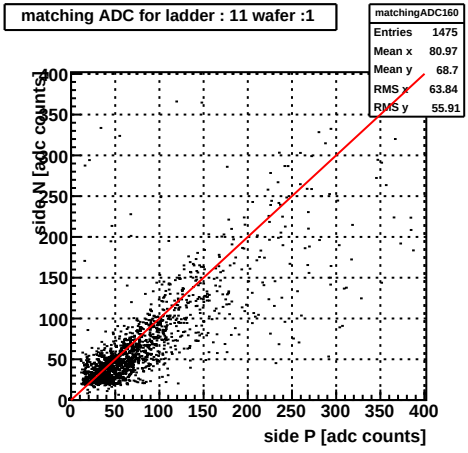

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 226
Mean x 92.88
Mean y 95.41
RMS x 59.71
RMS y 73.46
side N [adc counts]
side P [adc counts]

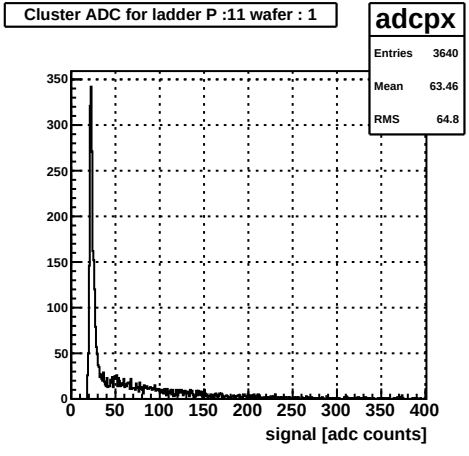

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3839
Mean 55.61
RMS 51.21
signal [adc counts]

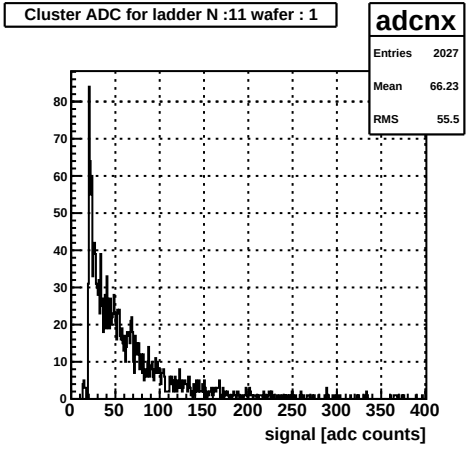

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1829
Mean 30.46
RMS 43.77
signal [adc counts]

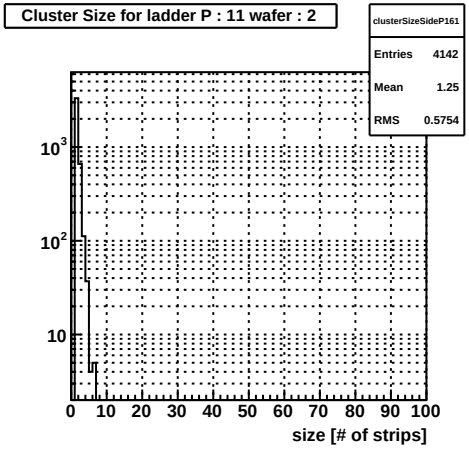

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3640
Mean 1.271
RMS 0.5919
size [# of strips]

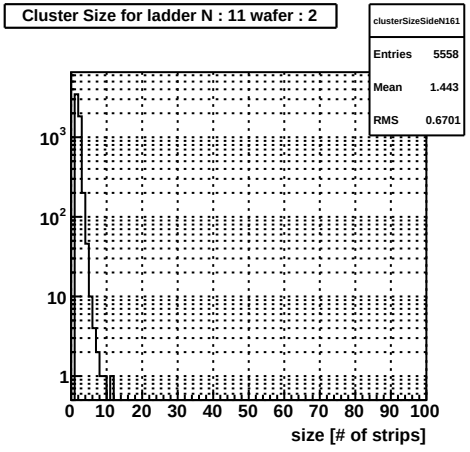

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2027
Mean 1.514
RMS 0.8465
size [# of strips]

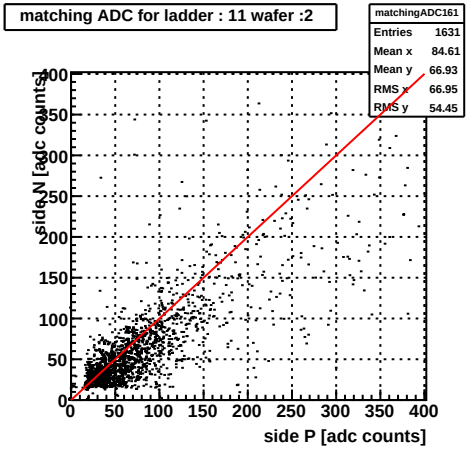

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1475
Mean x 80.97
Mean y 68.7
RMS x 63.84
RMS y 55.91
side N [adc counts]
side P [adc counts]

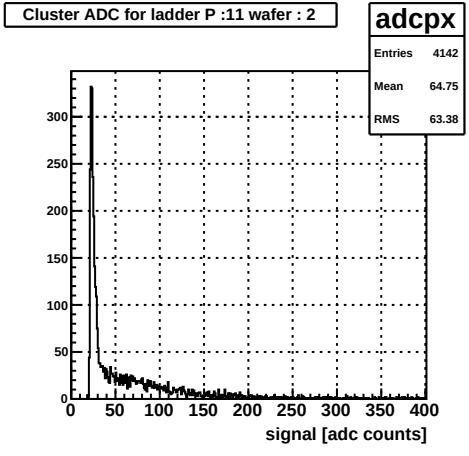

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3640
Mean 63.46
RMS 64.8
signal [adc counts]

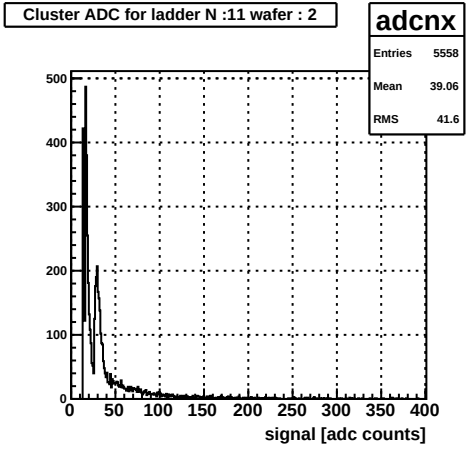

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2027
Mean 66.23
RMS 55.5
signal [adc counts]

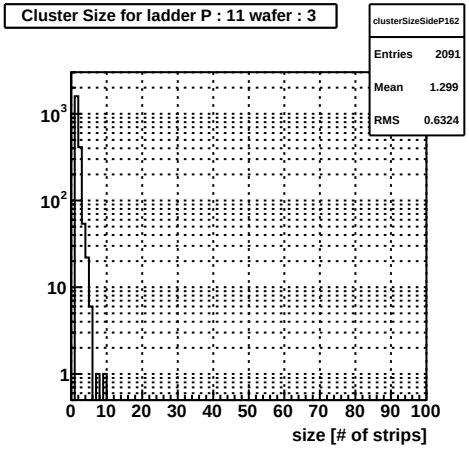

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4142
Mean 1.25
RMS 0.5754
size [# of strips]

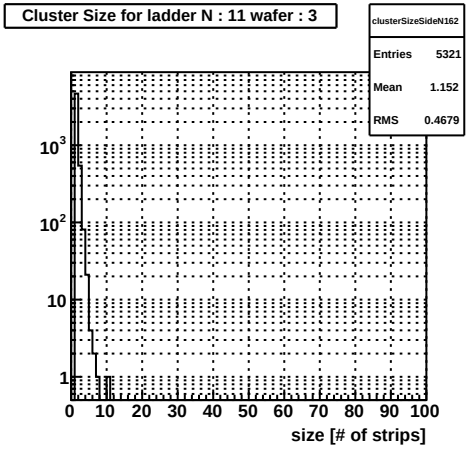

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5558
Mean 1.443
RMS 0.6701
size [# of strips]

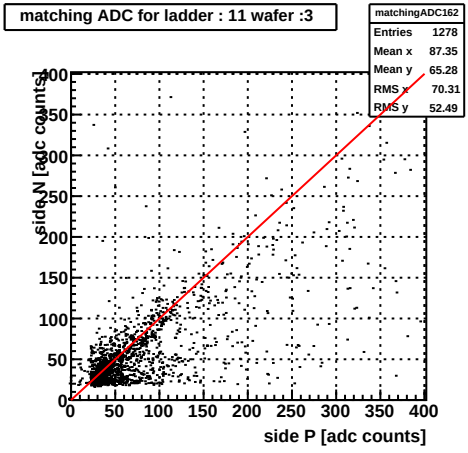

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1631
Mean x 84.61
Mean y 66.93
RMS x 66.95
RMS y 54.45
side N [adc counts]
side P [adc counts]

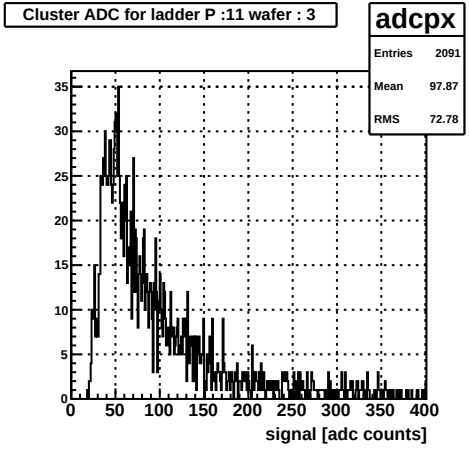

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4142
Mean 64.75
RMS 63.38
signal [adc counts]

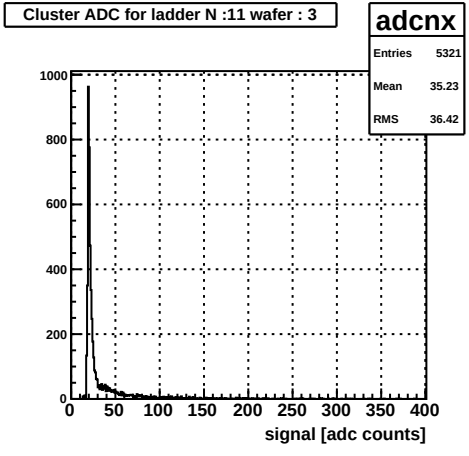

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5558
Mean 39.06
RMS 41.6
signal [adc counts]

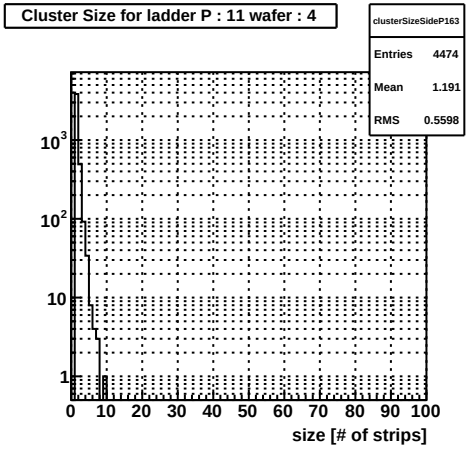

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2091
Mean 1.299
RMS 0.6324
size [# of strips]

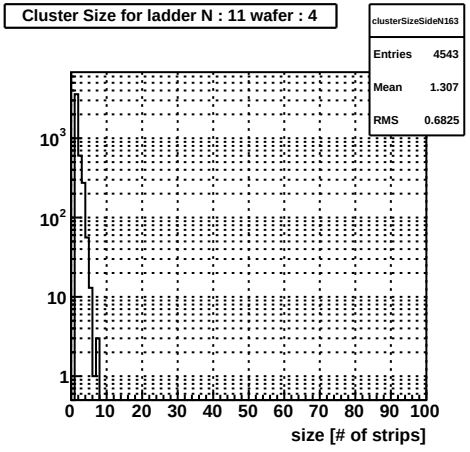

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5321
Mean 1.152
RMS 0.4679
size [# of strips]

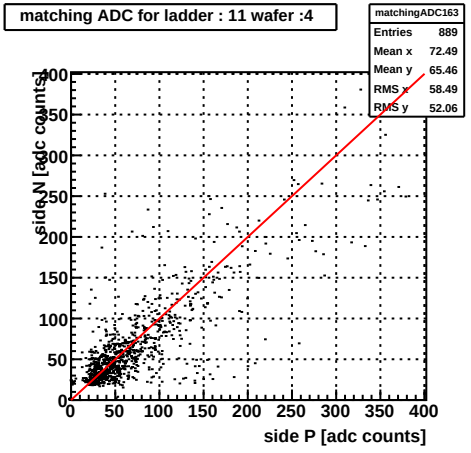

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1278
Mean x 87.35
Mean y 65.28
RMS x 70.31
RMS y 52.49
side N [adc counts]
side P [adc counts]

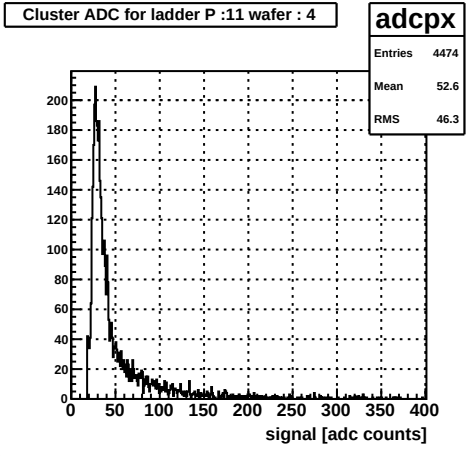

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2091
Mean 97.87
RMS 72.78
signal [adc counts]

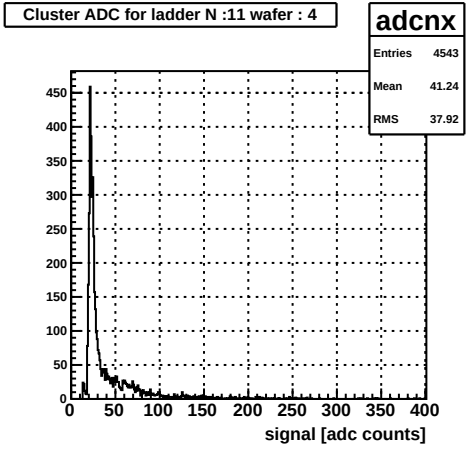

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5321
Mean 35.23
RMS 36.42
signal [adc counts]

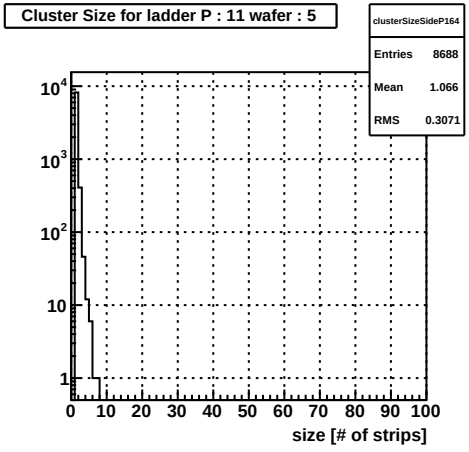

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4474
Mean 1.191
RMS 0.5598
size [# of strips]

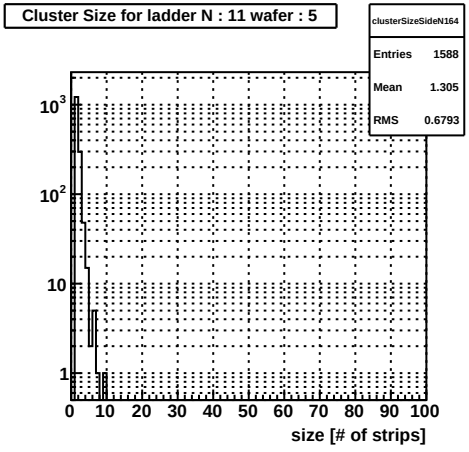

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4543
Mean 1.307
RMS 0.6825
size [# of strips]

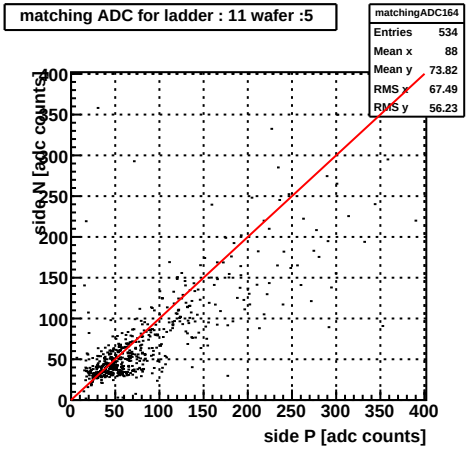

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 889
Mean x 72.49
Mean y 65.46
RMS x 58.49
RMS y 52.06
side N [adc counts]
side P [adc counts]

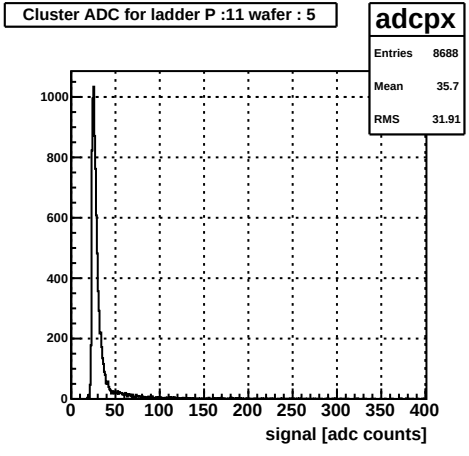

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4474
Mean 52.6
RMS 46.3
signal [adc counts]

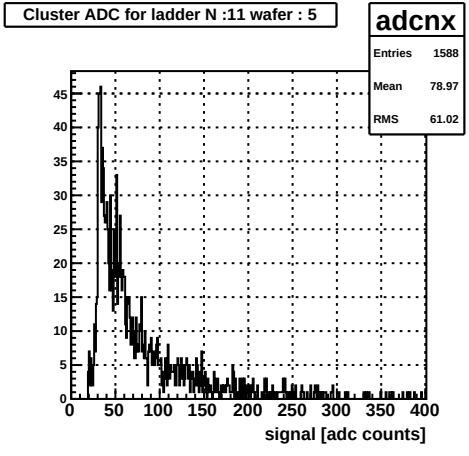

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4543
Mean 41.24
RMS 37.92
signal [adc counts]

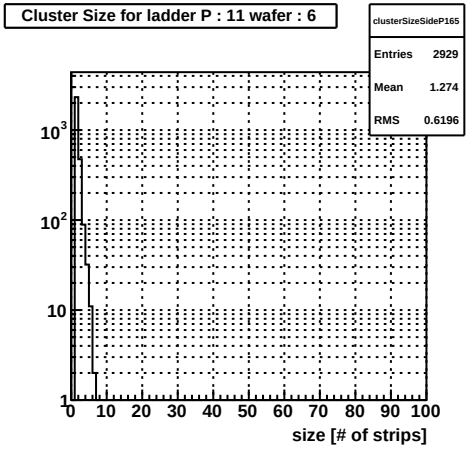

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 8688
Mean 1.066
RMS 0.3071
size [# of strips]

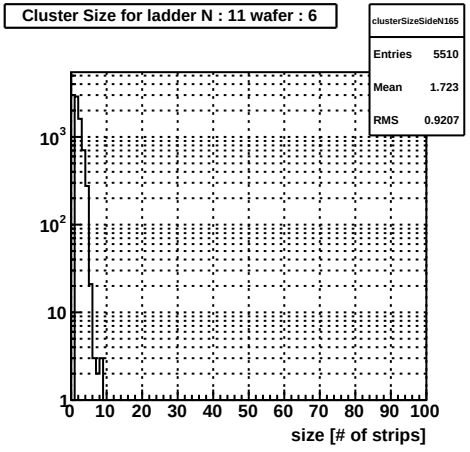

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1588
Mean 1.305
RMS 0.6793
size [# of strips]

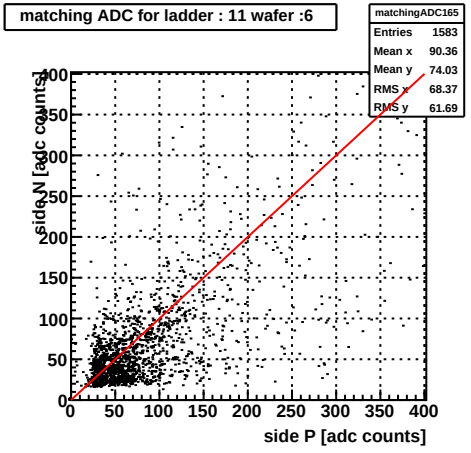

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 534
Mean x 88
Mean y 73.82
RMS x 67.49
RMS y 56.23
side N [adc counts]
side P [adc counts]

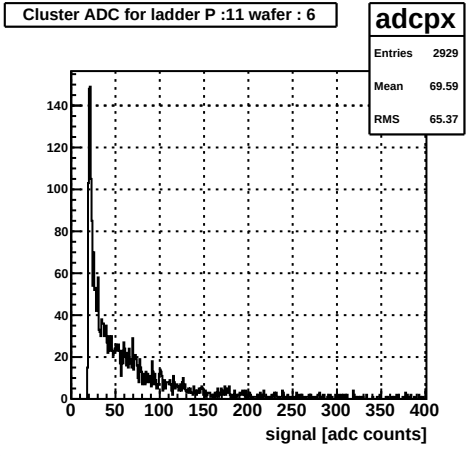

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 8688
Mean 35.7
RMS 31.91
signal [adc counts]

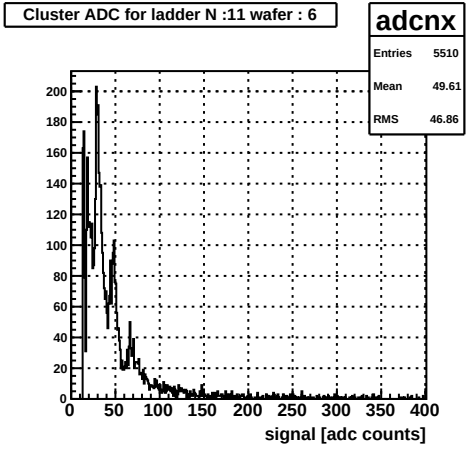

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1588
Mean 78.97
RMS 61.02
signal [adc counts]

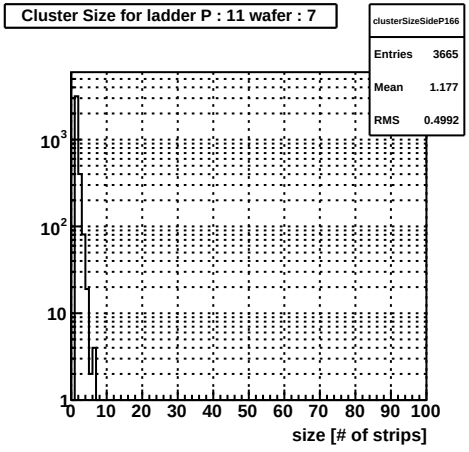

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2929
Mean 1.274
RMS 0.6196
size [# of strips]

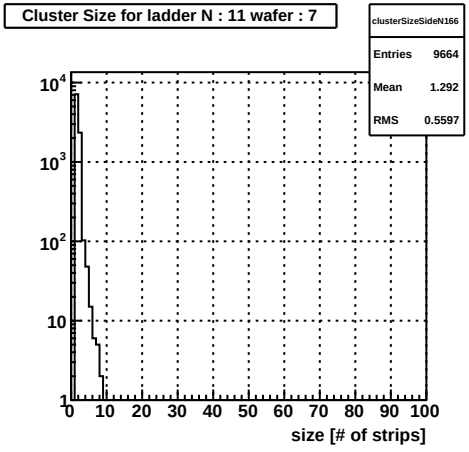

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5510
Mean 1.723
RMS 0.9207
size [# of strips]

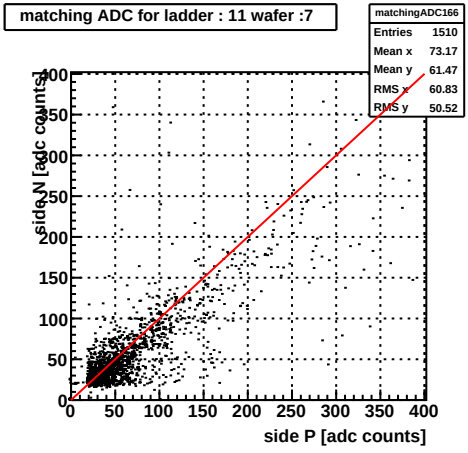

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1583
Mean x 90.36
Mean y 74.03
RMS x 68.37
RMS y 61.69
side N [adc counts]
side P [adc counts]

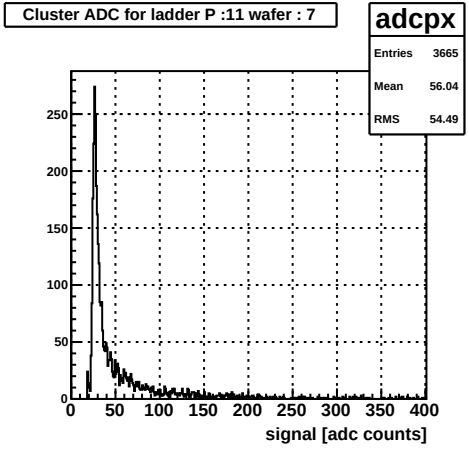

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2929
Mean 69.59
RMS 65.37
signal [adc counts]

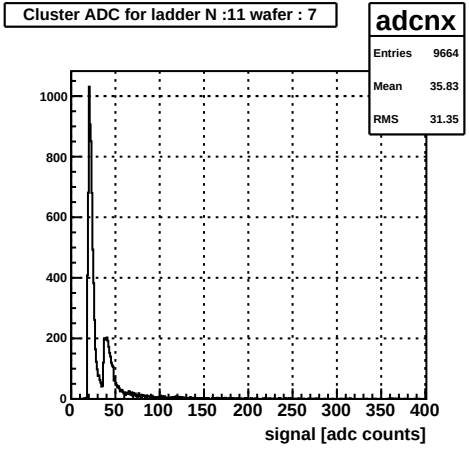

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5510
Mean 49.61
RMS 46.86
signal [adc counts]

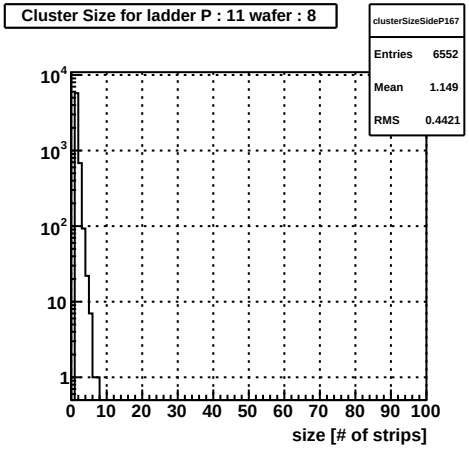

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3665
Mean 1.177
RMS 0.4992
size [# of strips]

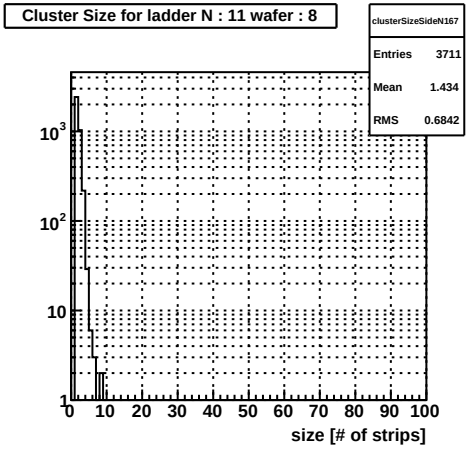

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9664
Mean 1.292
RMS 0.5597
size [# of strips]

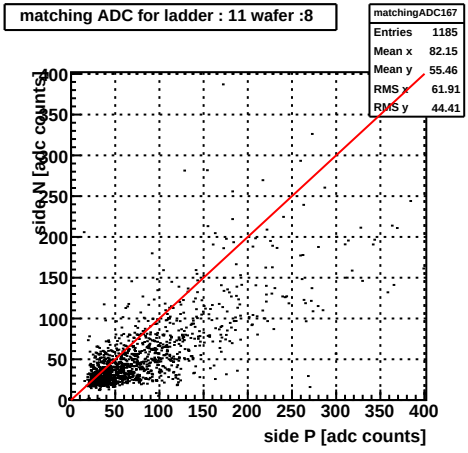

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1510
Mean x 73.17
Mean y 61.47
RMS x 60.83
RMS y 50.52
side N [adc counts]
side P [adc counts]

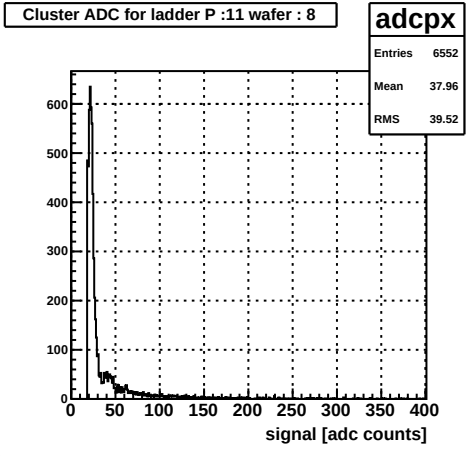

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3665
Mean 56.04
RMS 54.49
signal [adc counts]

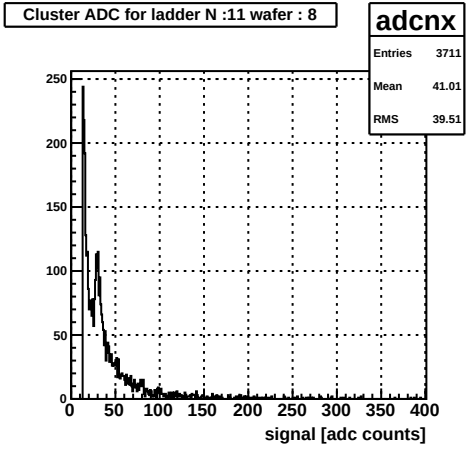

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9664
Mean 35.83
RMS 31.35
signal [adc counts]

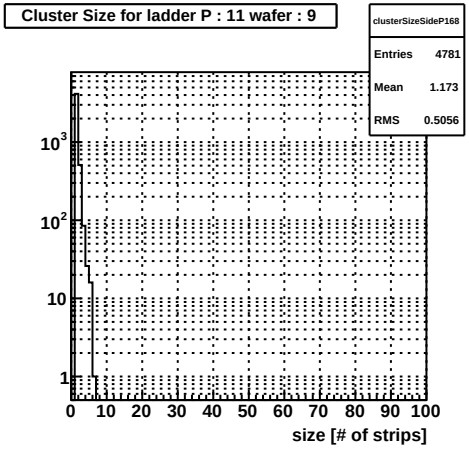

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6552
Mean 1.149
RMS 0.4421
size [# of strips]

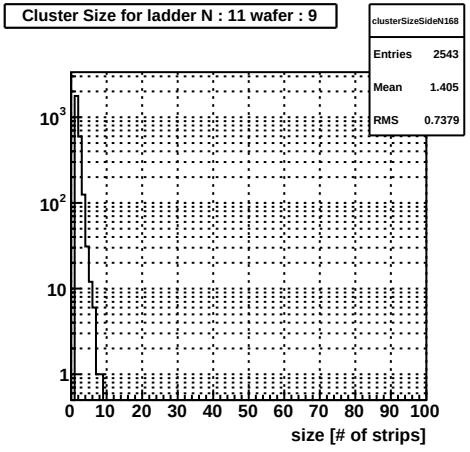

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3711
Mean 1.434
RMS 0.6842
size [# of strips]

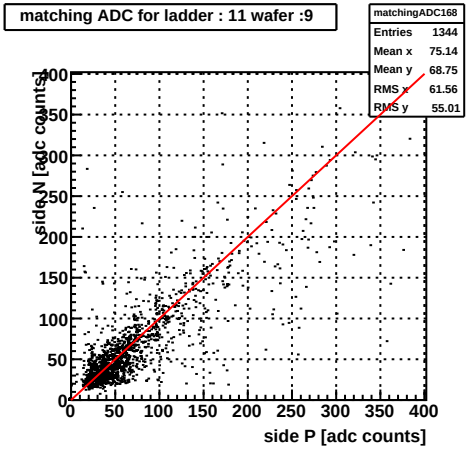

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1185
Mean x 82.15
Mean y 55.46
RMS x 61.91
RMS y 44.41
side N [adc counts]
side P [adc counts]

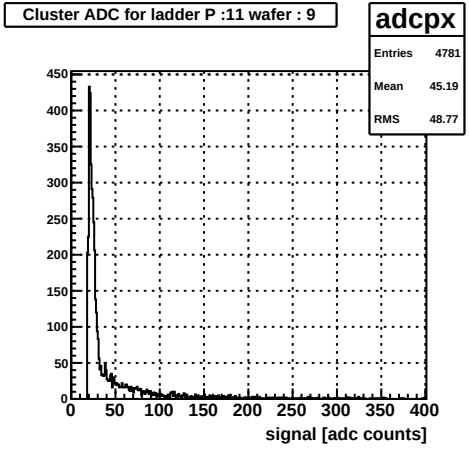

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6552
Mean 37.96
RMS 39.52
signal [adc counts]

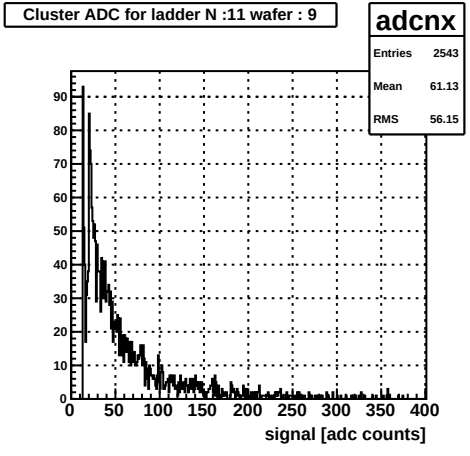

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3711
Mean 41.01
RMS 39.51
signal [adc counts]

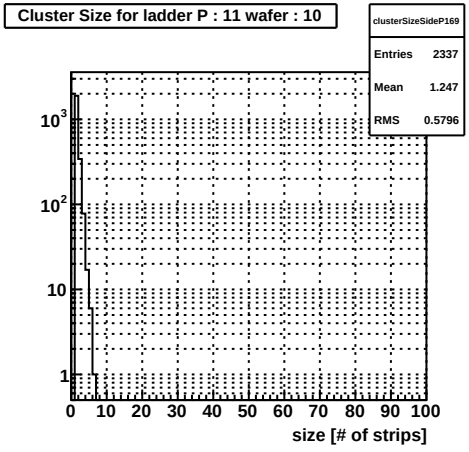

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 4781
Mean 1.173
RMS 0.5056
size [# of strips]

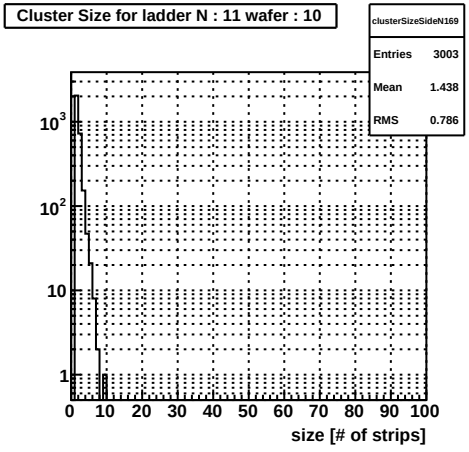

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2543
Mean 1.405
RMS 0.7379
size [# of strips]

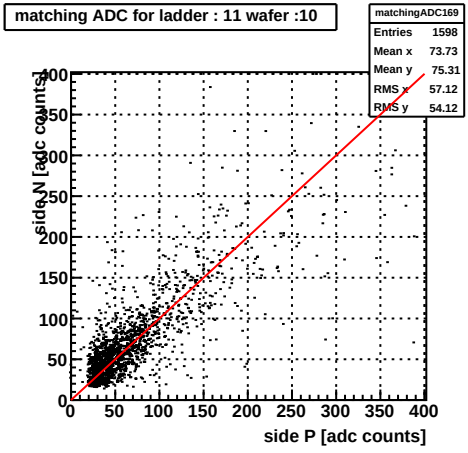

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1344
Mean x 75.14
Mean y 68.75
RMS x 61.56
RMS y 55.01
side N [adc counts]
side P [adc counts]

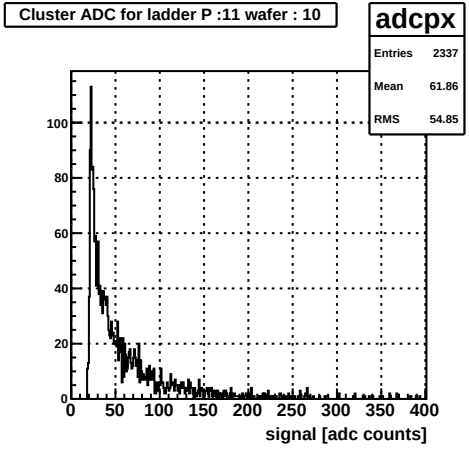

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 4781
Mean 45.19
RMS 48.77
signal [adc counts]

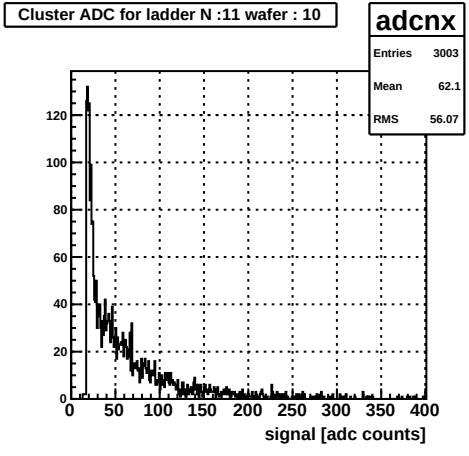

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2543
Mean 61.13
RMS 56.15
signal [adc counts]

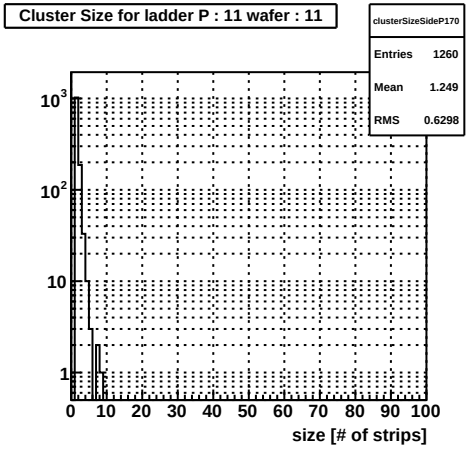

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2337
Mean 1.247
RMS 0.5796
size [# of strips]

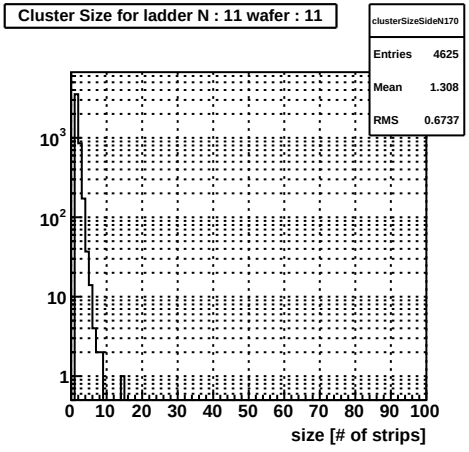

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3003
Mean 1.438
RMS 0.786
size [# of strips]

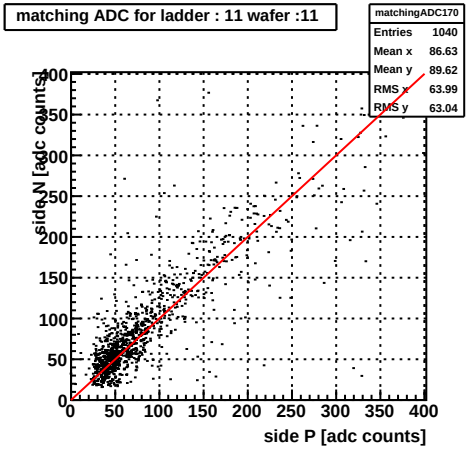

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1598
Mean x 73.73
Mean y 75.31
RMS x 57.12
RMS y 54.12
side N [adc counts]
side P [adc counts]

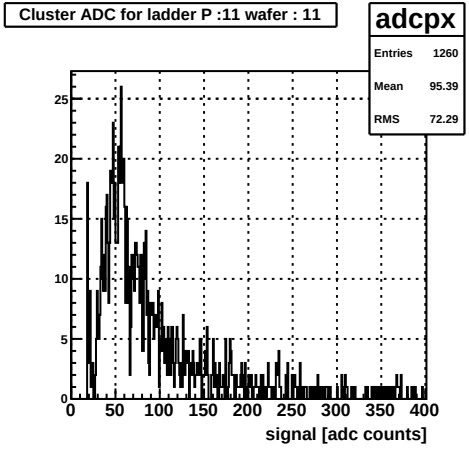

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2337
Mean 61.86
RMS 54.85
signal [adc counts]

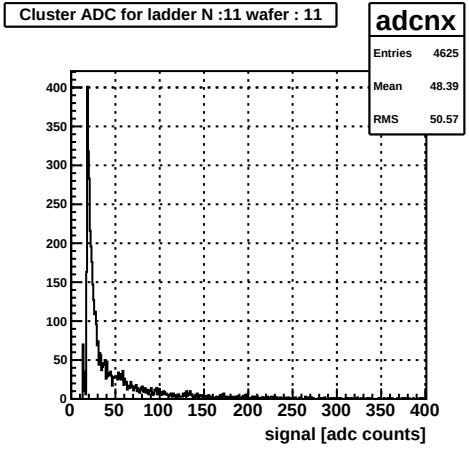

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3003
Mean 62.1
RMS 56.07
signal [adc counts]

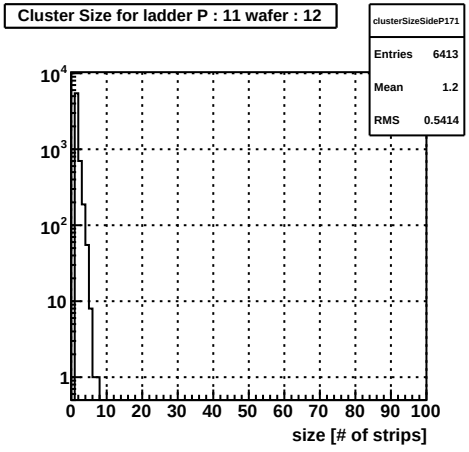

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1260
Mean 1.249
RMS 0.6298
size [# of strips]

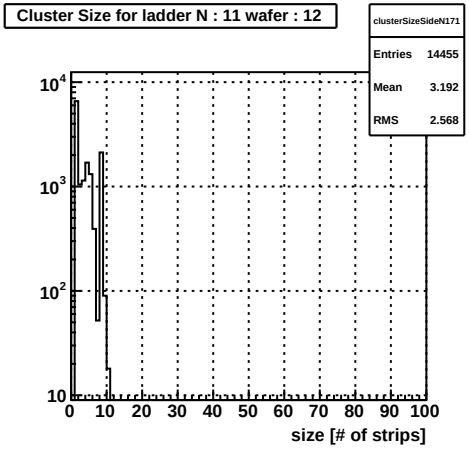

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4625
Mean 1.308
RMS 0.6737
size [# of strips]

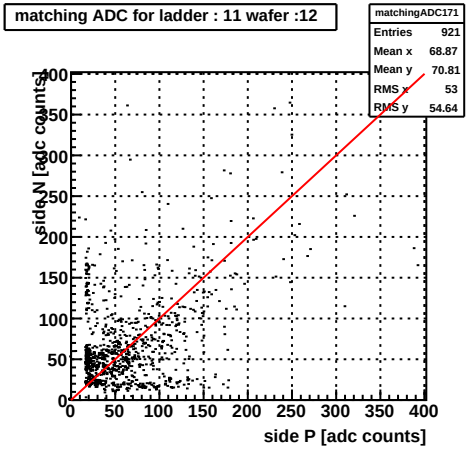

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1040
Mean x 86.63
Mean y 89.62
RMS x 63.99
RMS y 63.04
side N [adc counts]
side P [adc counts]

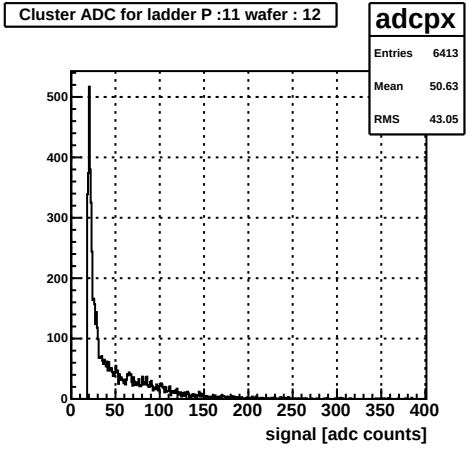

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1260
Mean 95.39
RMS 72.29
signal [adc counts]

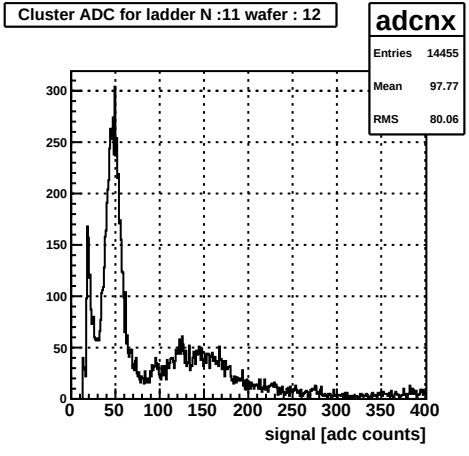

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4625
Mean 48.39
RMS 50.57
signal [adc counts]

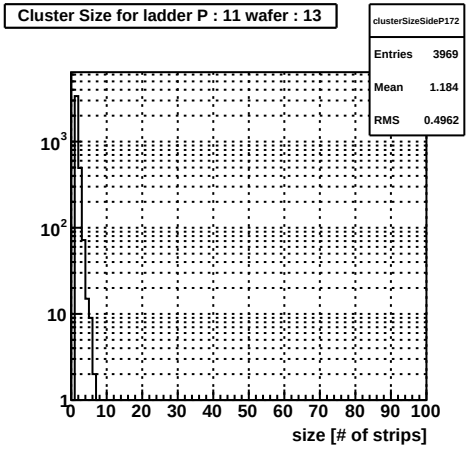

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6413
Mean 1.2
RMS 0.5414
size [# of strips]

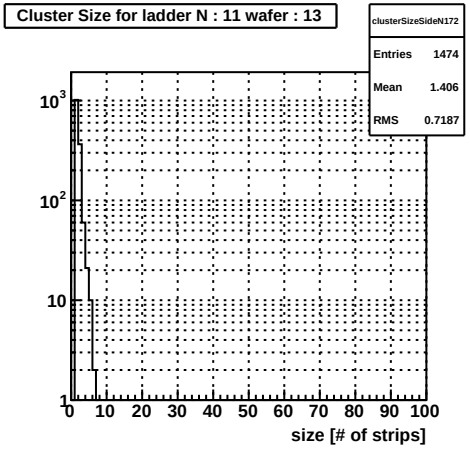

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14455
Mean 3.192
RMS 2.568
size [# of strips]

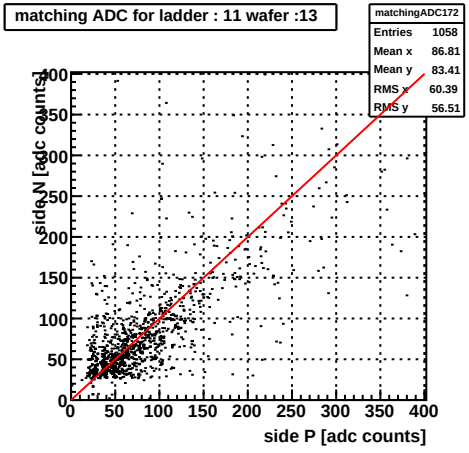

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 921
Mean x 68.87
Mean y 70.81
RMS x 53
RMS y 54.64
side N [adc counts]
side P [adc counts]

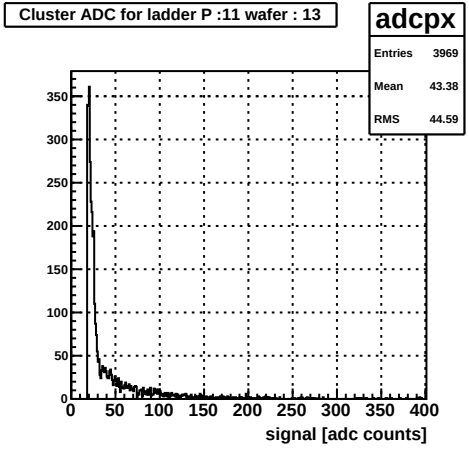

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6413
Mean 50.63
RMS 43.05
signal [adc counts]

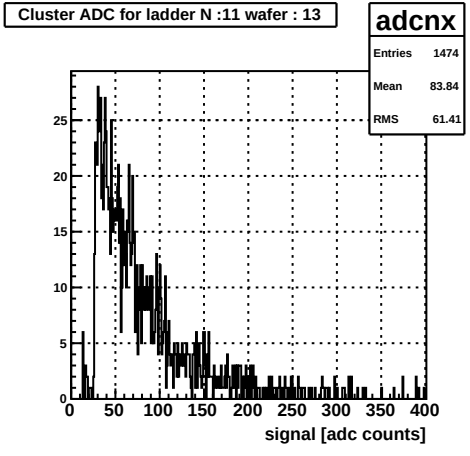

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14455
Mean 97.77
RMS 80.06
signal [adc counts]

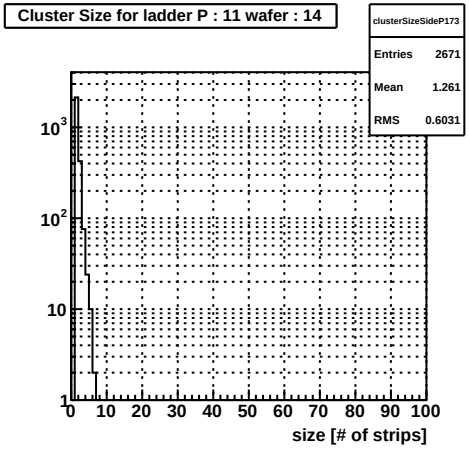

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 3969
Mean 1.184
RMS 0.4962
size [# of strips]

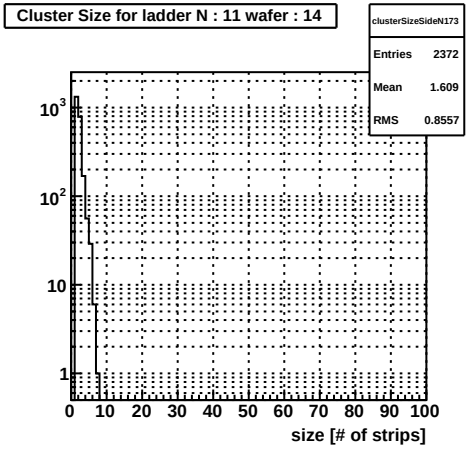

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1474
Mean 1.406
RMS 0.7187
size [# of strips]

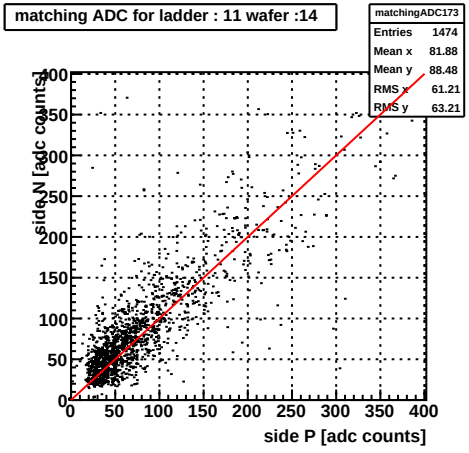

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1058
Mean x 86.81
Mean y 83.41
RMS x 60.39
RMS y 56.51
side N [adc counts]
side P [adc counts]

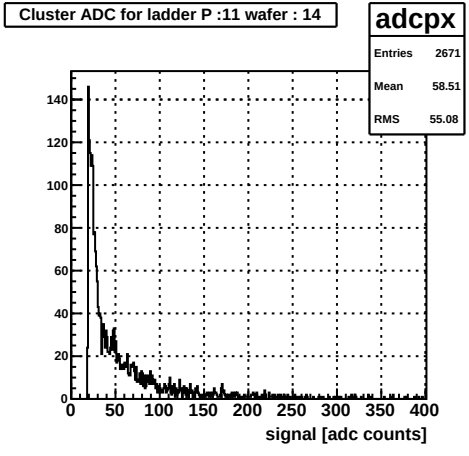

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 3969
Mean 43.38
RMS 44.59
signal [adc counts]

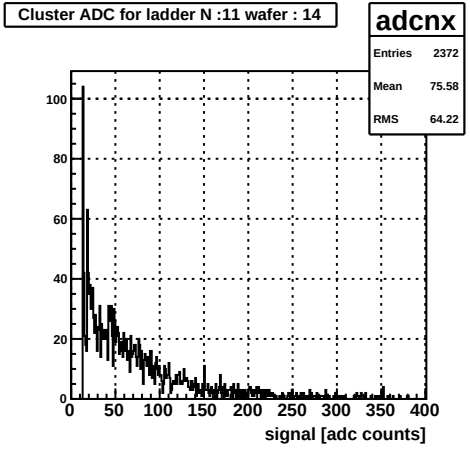

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1474
Mean 83.84
RMS 61.41
signal [adc counts]

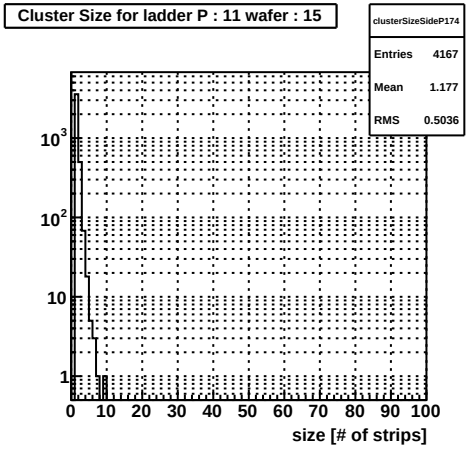

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2671
Mean 1.261
RMS 0.6031
size [# of strips]

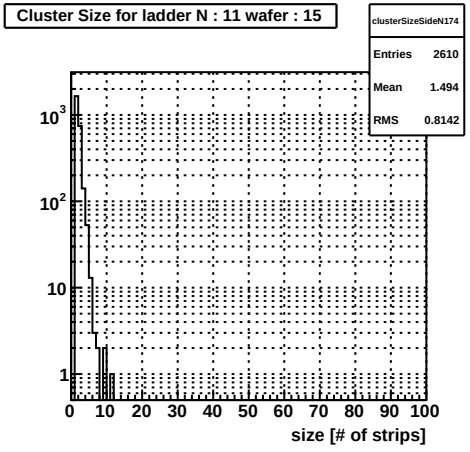

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2372
Mean 1.609
RMS 0.8557
size [# of strips]

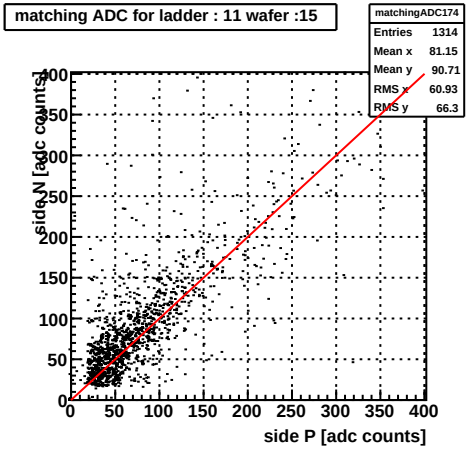

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1474
Mean x 81.88
Mean y 88.48
RMS x 61.21
RMS y 63.21
side N [adc counts]
side P [adc counts]

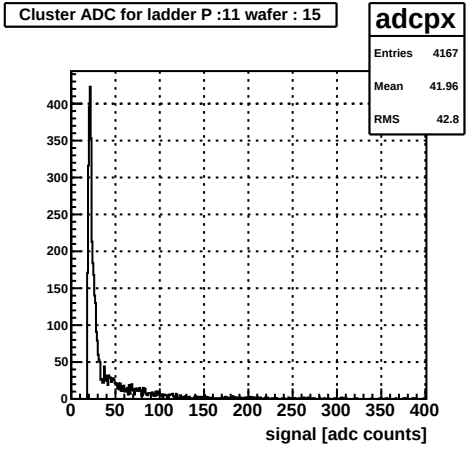

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2671
Mean 58.51
RMS 55.08
signal [adc counts]

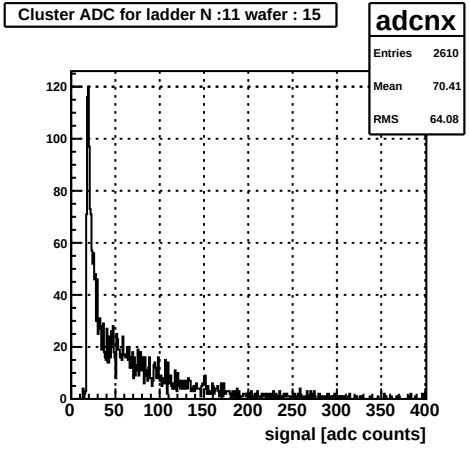

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2372
Mean 75.58
RMS 64.22
signal [adc counts]

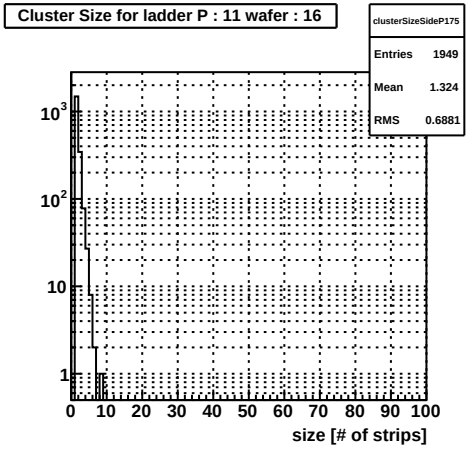

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4167
Mean 1.177
RMS 0.5036
size [# of strips]

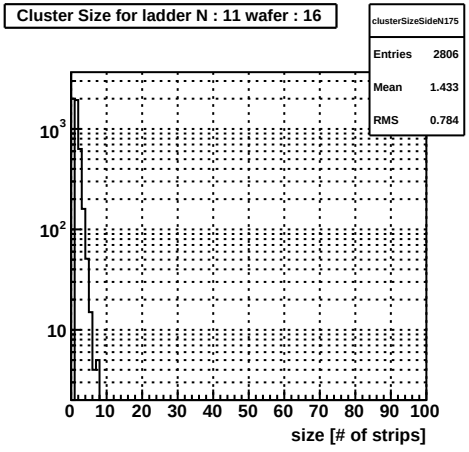

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2610
Mean 1.494
RMS 0.8142
size [# of strips]

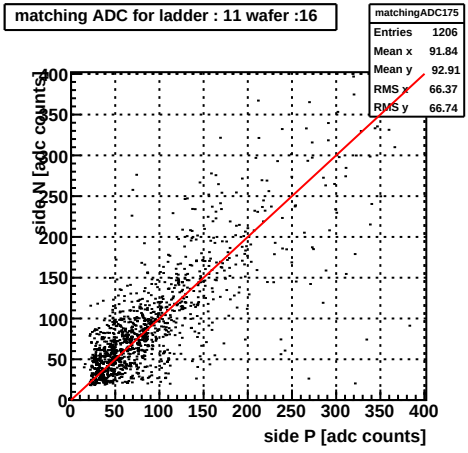

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1314
Mean x 81.15
Mean y 90.71
RMS x 60.93
RMS y 66.3
side N [adc counts]
side P [adc counts]

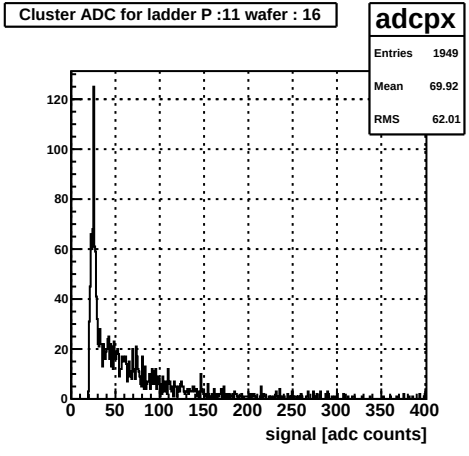

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4167
Mean 41.96
RMS 42.8
signal [adc counts]

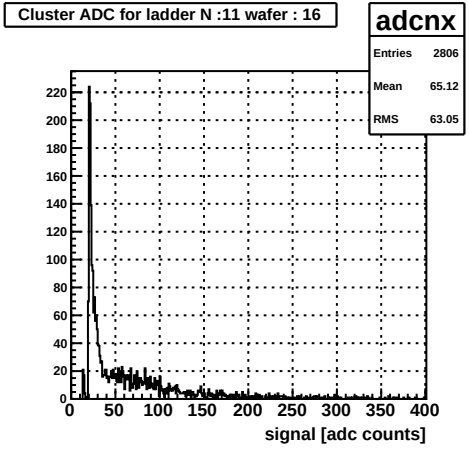

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2610
Mean 70.41
RMS 64.08
signal [adc counts]

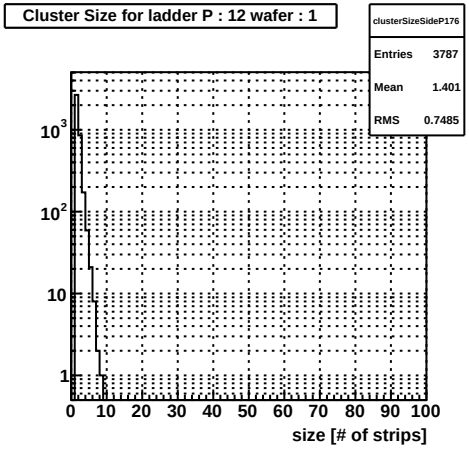

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1949
Mean 1.324
RMS 0.6881
size [# of strips]

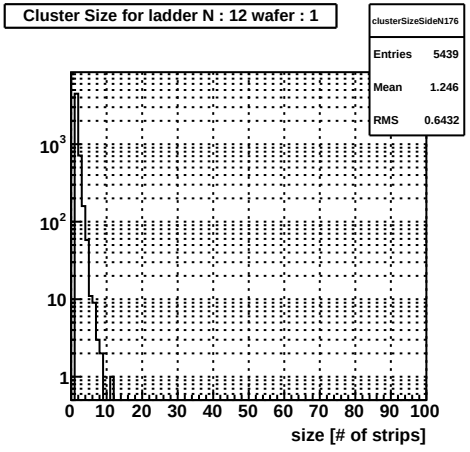

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2806
Mean 1.433
RMS 0.784
size [# of strips]

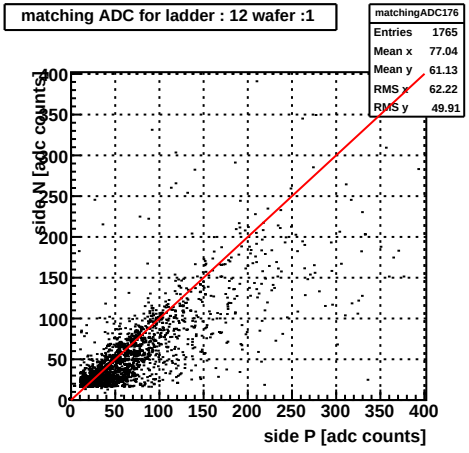

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1206
Mean x 91.84
Mean y 92.91
RMS x 66.37
RMS y 66.74
side N [adc counts]
side P [adc counts]

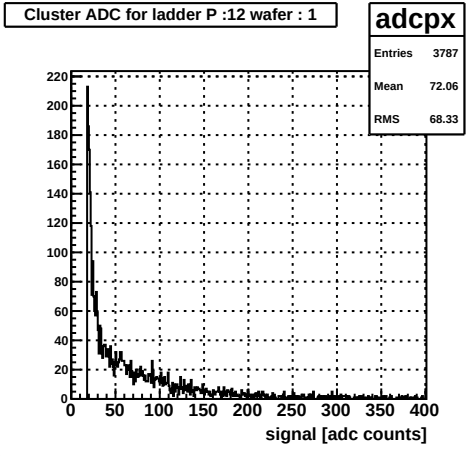

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1949
Mean 69.92
RMS 62.01
signal [adc counts]

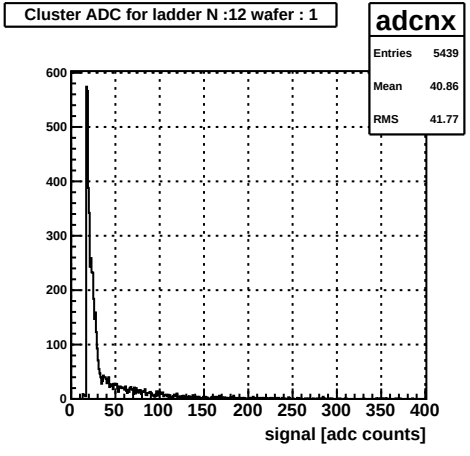

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2806
Mean 65.12
RMS 63.05
signal [adc counts]

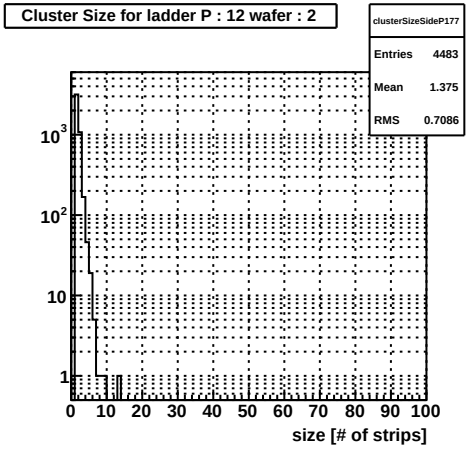

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3787
Mean 1.401
RMS 0.7485
size [# of strips]

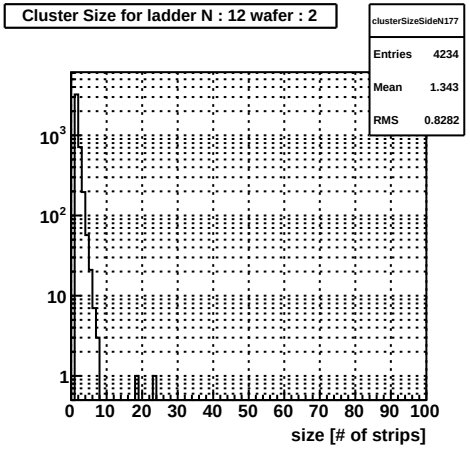

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5439
Mean 1.246
RMS 0.6432
size [# of strips]

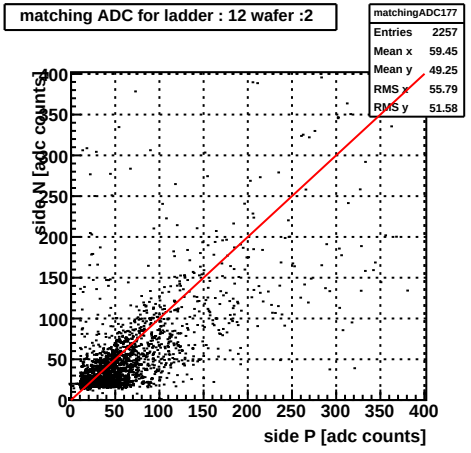

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1765
Mean x 77.04
Mean y 61.13
RMS x 62.22
RMS y 49.91
side N [adc counts]
side P [adc counts]

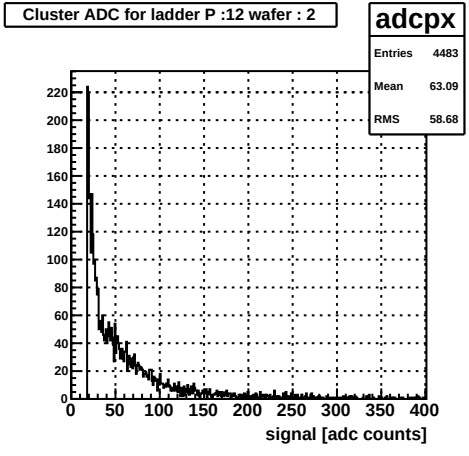

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3787
Mean 72.06
RMS 68.33
signal [adc counts]

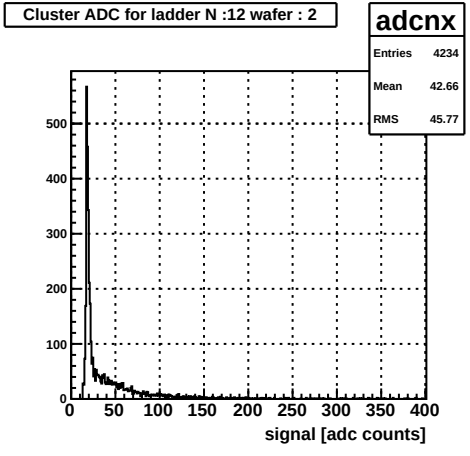

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5439
Mean 40.86
RMS 41.77
signal [adc counts]

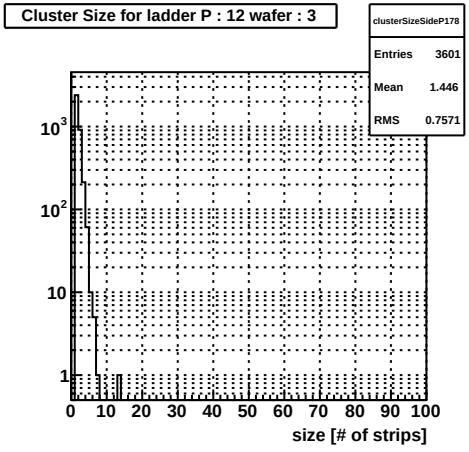

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4483
Mean 1.375
RMS 0.7086
size [# of strips]

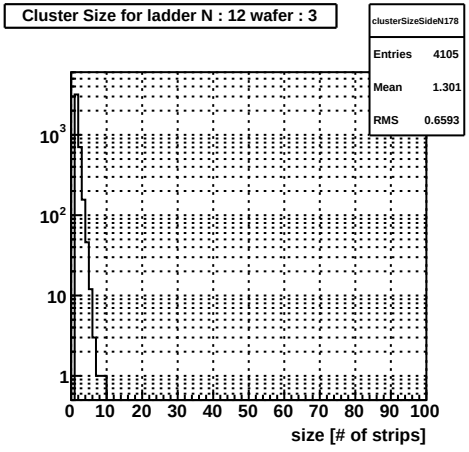

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4234
Mean 1.343
RMS 0.8282
size [# of strips]

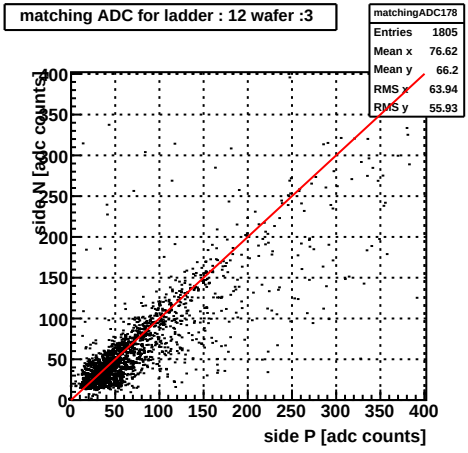

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2257
Mean x 59.45
Mean y 49.25
RMS x 55.79
RMS y 51.58
side N [adc counts]
side P [adc counts]

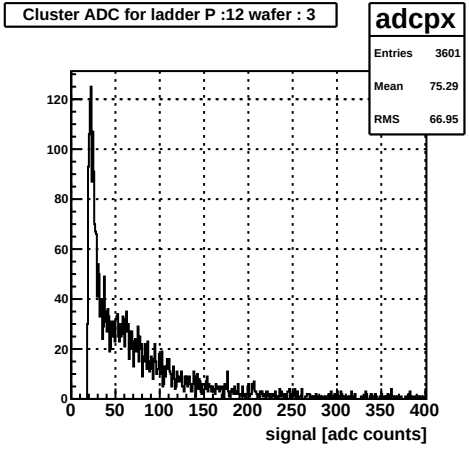

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4483
Mean 63.09
RMS 58.68
signal [adc counts]

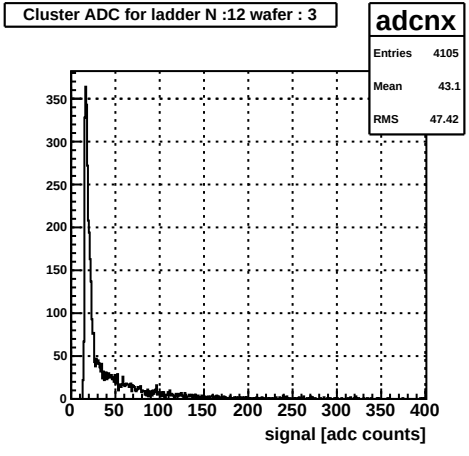

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4234
Mean 42.66
RMS 45.77
signal [adc counts]

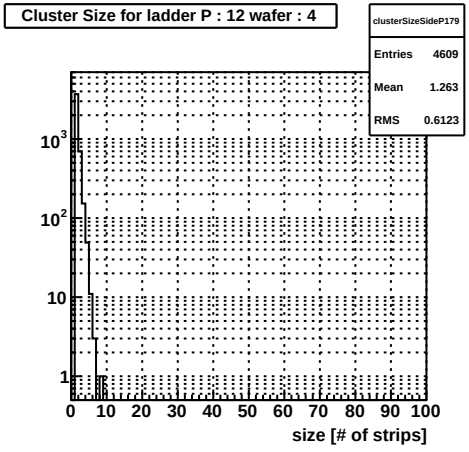

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3601
Mean 1.446
RMS 0.7571
size [# of strips]

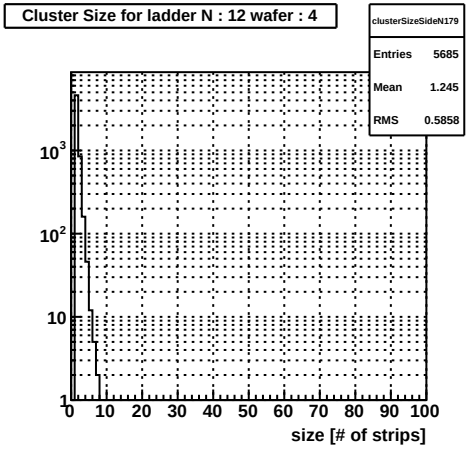

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4105
Mean 1.301
RMS 0.6593
size [# of strips]

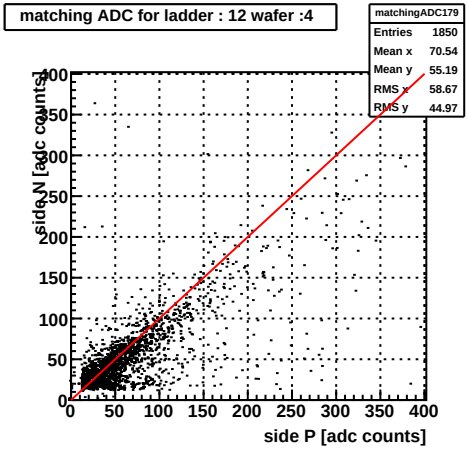

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1805
Mean x 76.62
Mean y 66.2
RMS x 63.94
RMS y 55.93
side N [adc counts]
side P [adc counts]

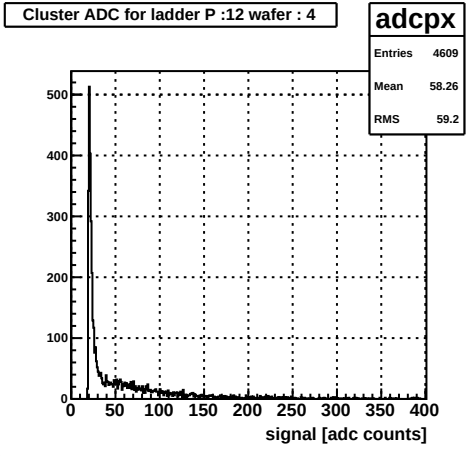

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3601
Mean 75.29
RMS 66.95
signal [adc counts]

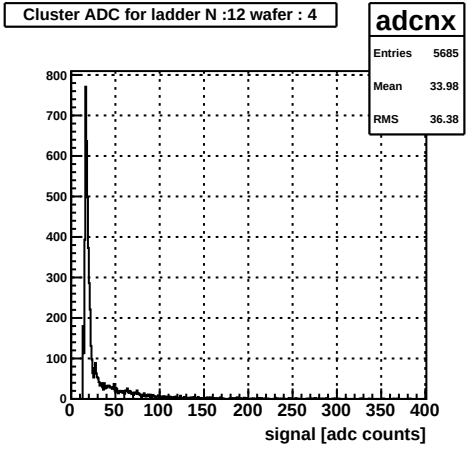

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4105
Mean 43.1
RMS 47.42
signal [adc counts]

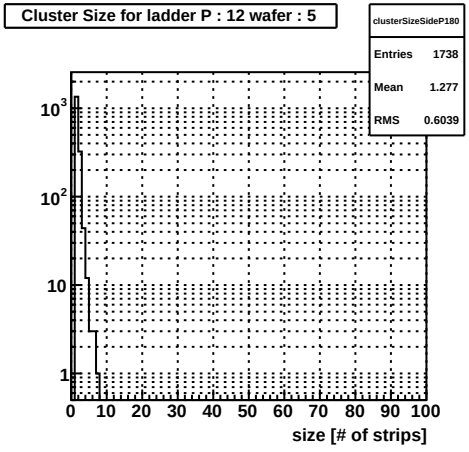

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4609
Mean 1.263
RMS 0.6123
size [# of strips]

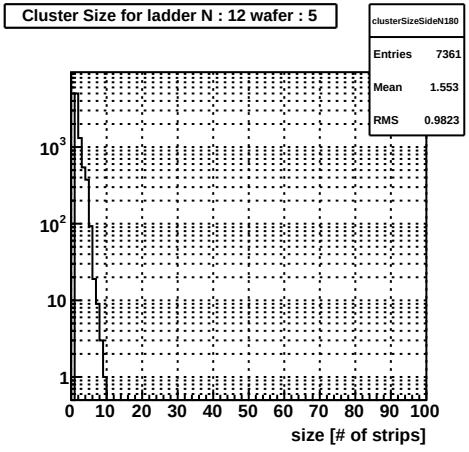

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5685
Mean 1.245
RMS 0.5858
size [# of strips]

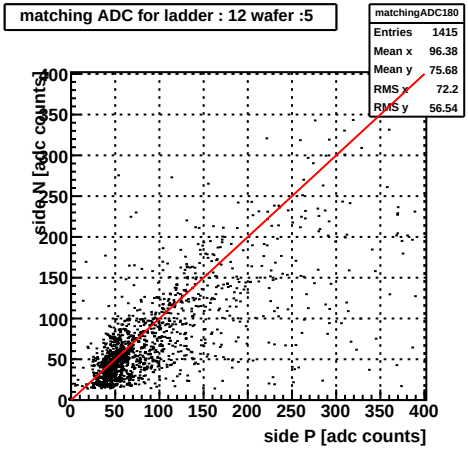

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1850
Mean x 70.54
Mean y 55.19
RMS x 58.67
RMS y 44.97
side N [adc counts]
side P [adc counts]

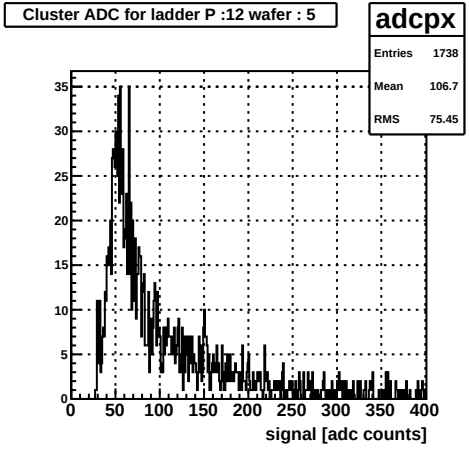

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4609
Mean 58.26
RMS 59.2
signal [adc counts]

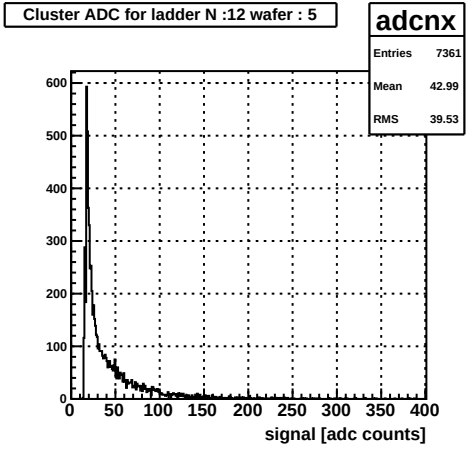

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5685
Mean 33.98
RMS 36.38
signal [adc counts]

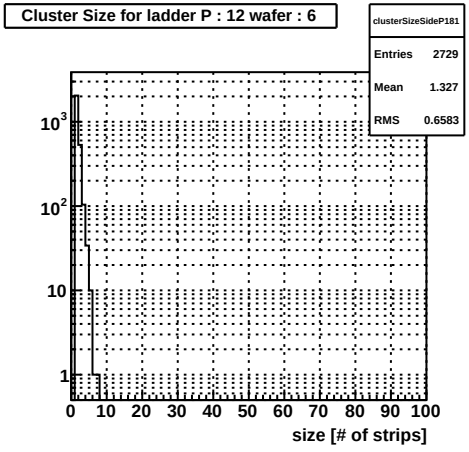

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1738
Mean 1.277
RMS 0.6039
size [# of strips]

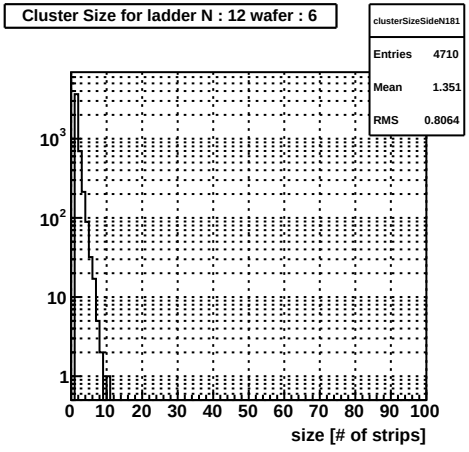

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7361
Mean 1.553
RMS 0.9823
size [# of strips]

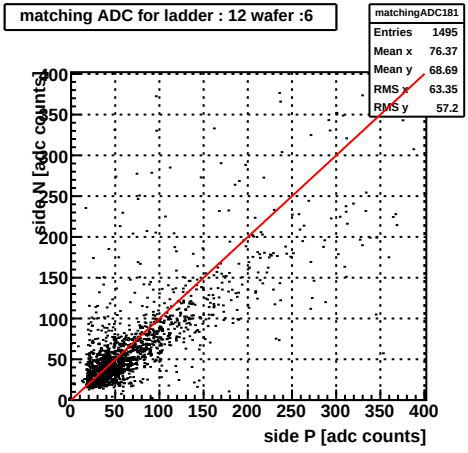

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1415
Mean x 96.38
Mean y 75.68
RMS x 72.2
RMS y 56.54
side N [adc counts]
side P [adc counts]

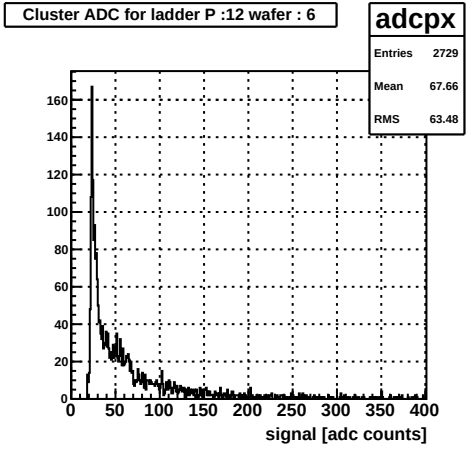

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1738
Mean 106.7
RMS 75.45
signal [adc counts]

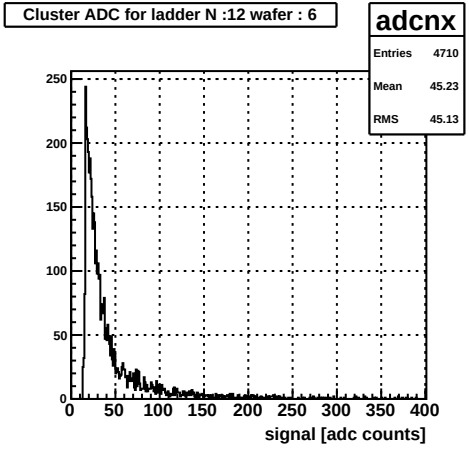

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7361
Mean 42.99
RMS 39.53
signal [adc counts]

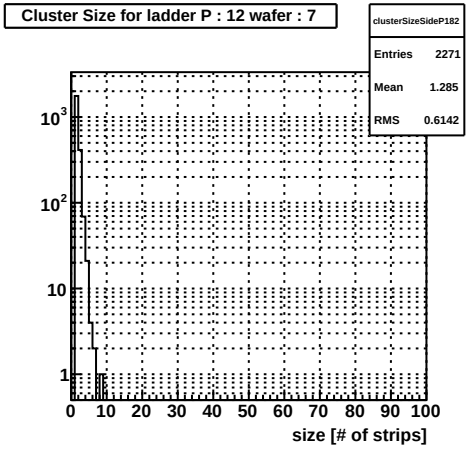

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2729
Mean 1.327
RMS 0.6583
size [# of strips]

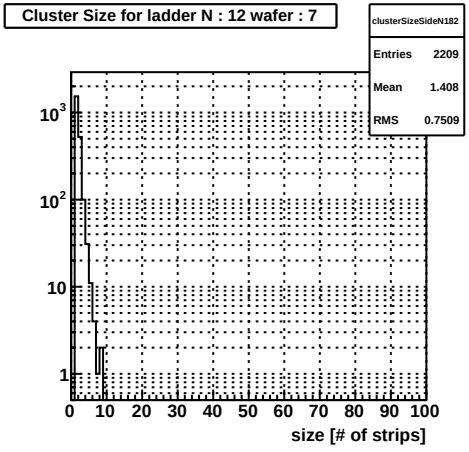

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4710
Mean 1.351
RMS 0.8064
size [# of strips]

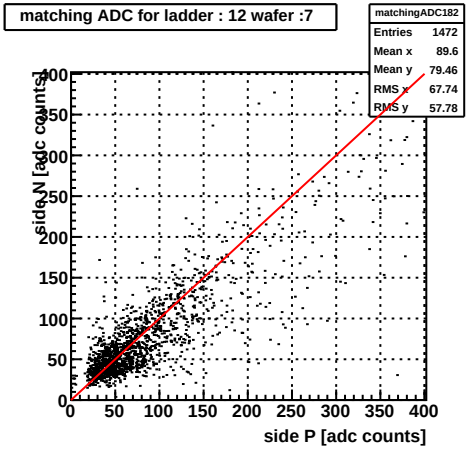

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1495
Mean x 76.37
Mean y 68.69
RMS x 63.35
RMS y 57.2
side N [adc counts]
side P [adc counts]

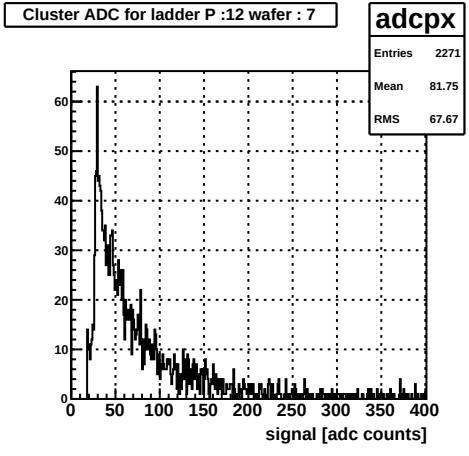

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2729
Mean 67.66
RMS 63.48
signal [adc counts]

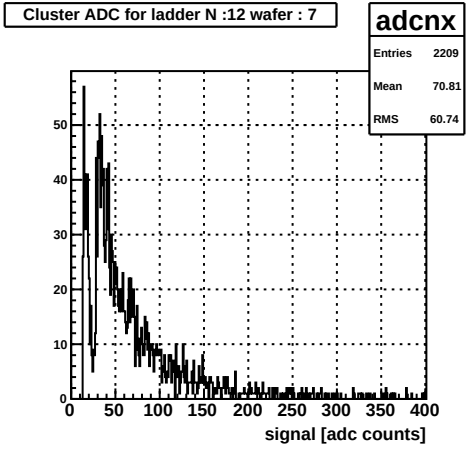

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4710
Mean 45.23
RMS 45.13
signal [adc counts]

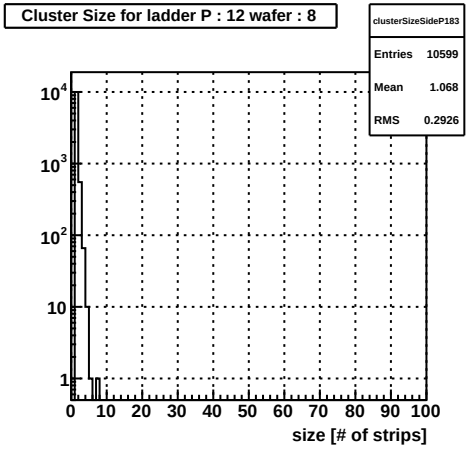

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2271
Mean 1.285
RMS 0.6142
size [# of strips]

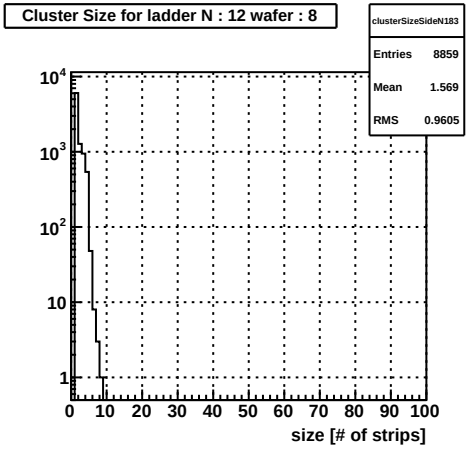

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2209
Mean 1.408
RMS 0.7509
size [# of strips]

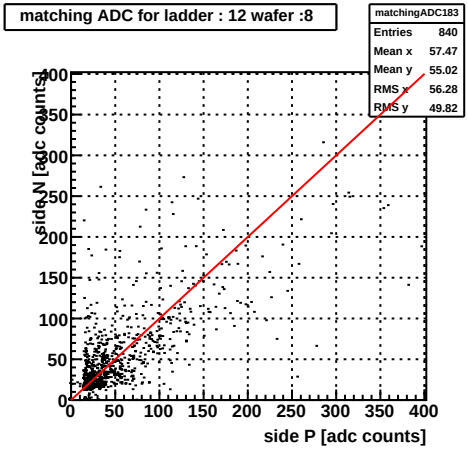

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1472
Mean x 89.6
Mean y 79.46
RMS x 67.74
RMS y 57.78
side N [adc counts]
side P [adc counts]

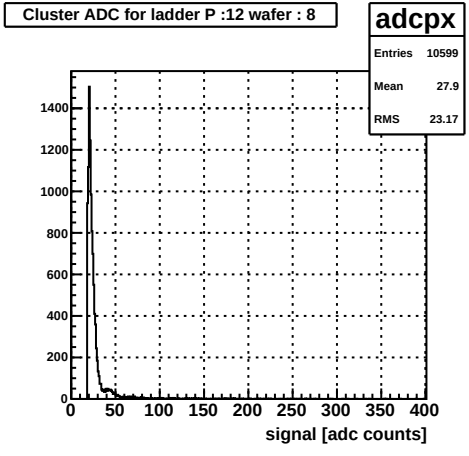

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2271
Mean 81.75
RMS 67.67
signal [adc counts]

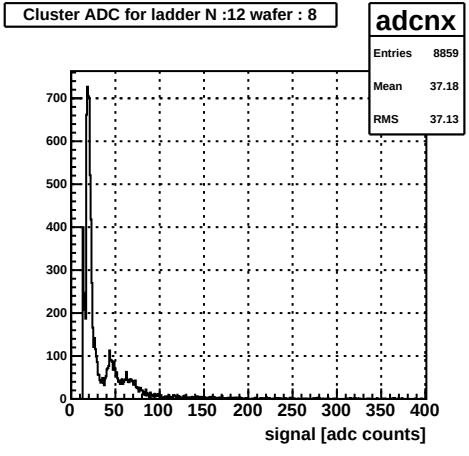

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2209
Mean 70.81
RMS 60.74
signal [adc counts]

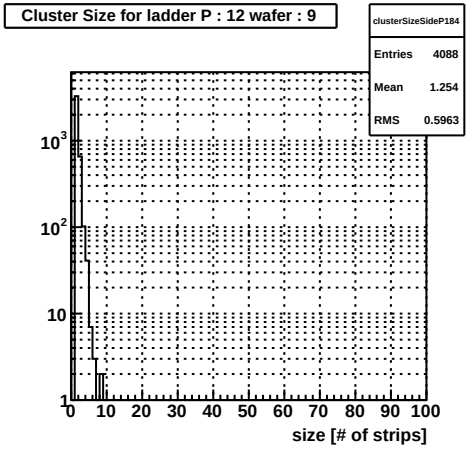

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10599
Mean 1.068
RMS 0.2926
size [# of strips]

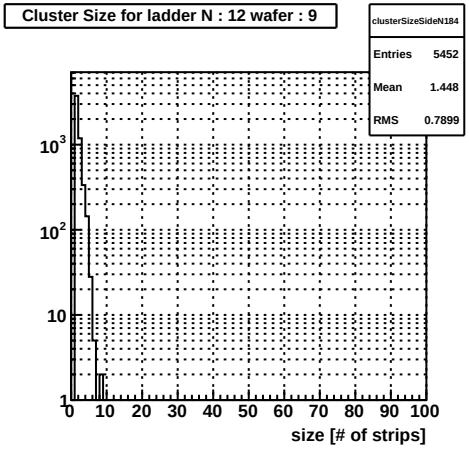

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8859
Mean 1.569
RMS 0.9605
size [# of strips]

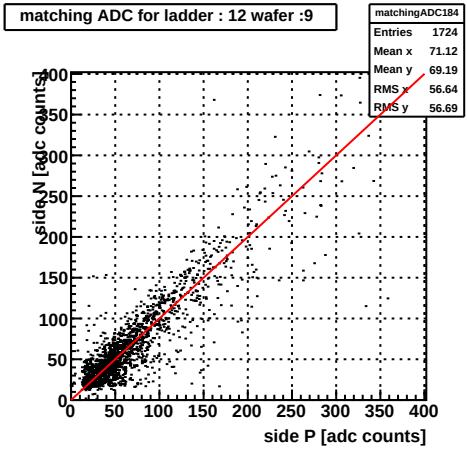

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 840
Mean x 57.47
Mean y 55.02
RMS x 56.28
RMS y 49.82
side N [adc counts]
side P [adc counts]

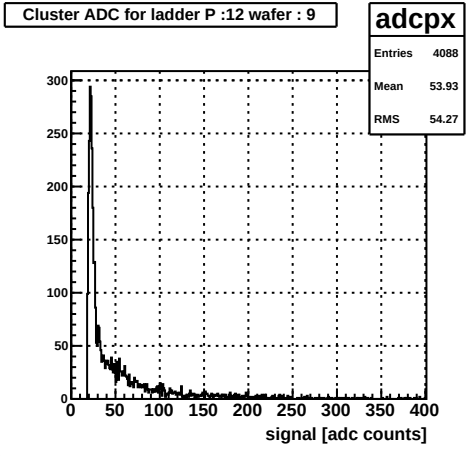

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10599
Mean 27.9
RMS 23.17
signal [adc counts]

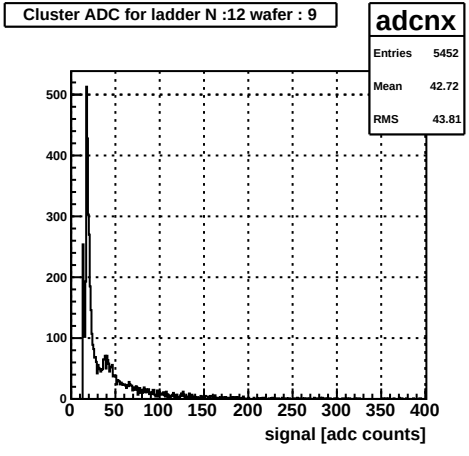

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8859
Mean 37.18
RMS 37.13
signal [adc counts]

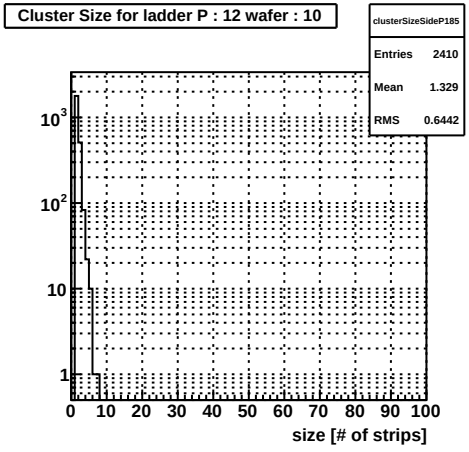

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4088
Mean 1.254
RMS 0.5963
size [# of strips]

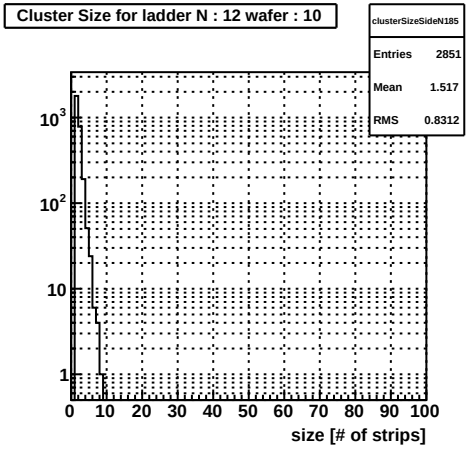

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5452
Mean 1.448
RMS 0.7899
size [# of strips]

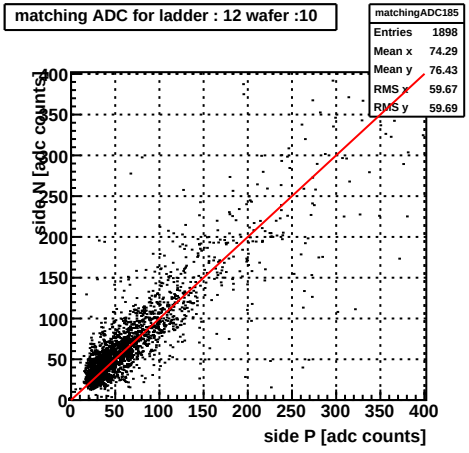

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1724
Mean x 71.12
Mean y 69.19
RMS x 56.64
RMS y 56.69
side N [adc counts]
side P [adc counts]

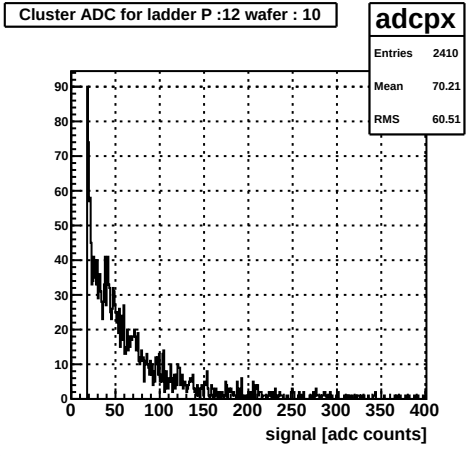

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4088
Mean 53.93
RMS 54.27
signal [adc counts]

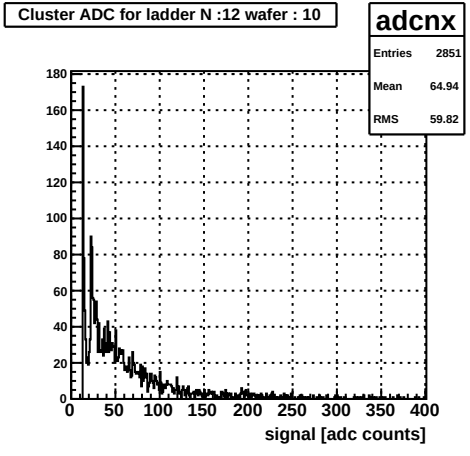

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5452
Mean 42.72
RMS 43.81
signal [adc counts]

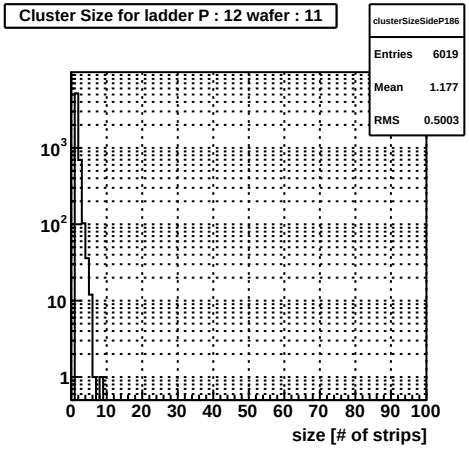

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2410
Mean 1.329
RMS 0.6442
size [# of strips]

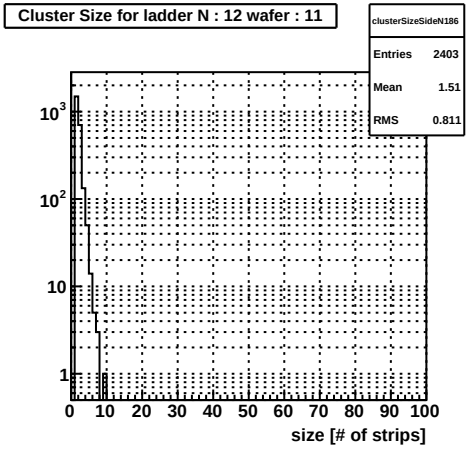

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2851
Mean 1.517
RMS 0.8312
size [# of strips]

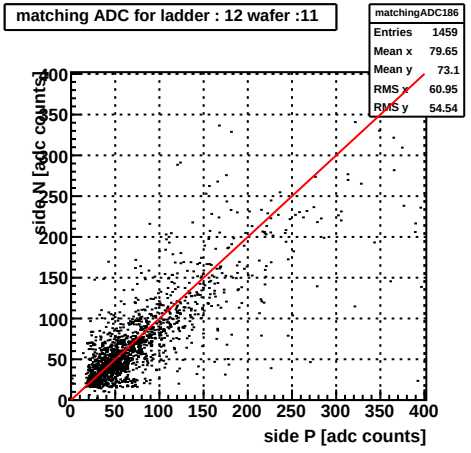

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1898
Mean x 74.29
Mean y 76.43
RMS x 59.67
RMS y 59.69
side N [adc counts]
side P [adc counts]

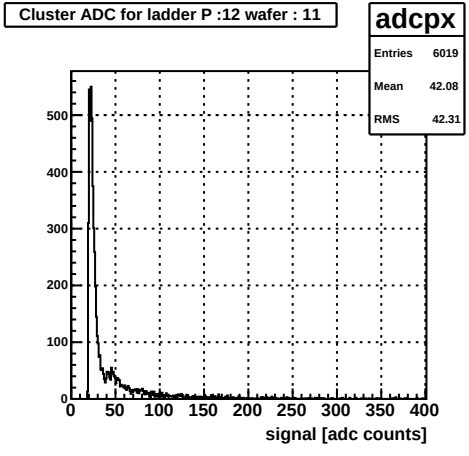

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2410
Mean 70.21
RMS 60.51
signal [adc counts]

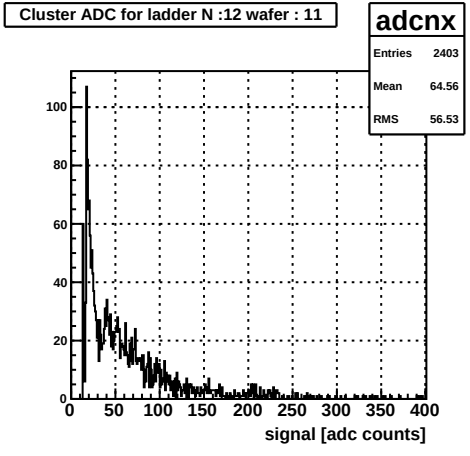

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2851
Mean 64.94
RMS 59.82
signal [adc counts]

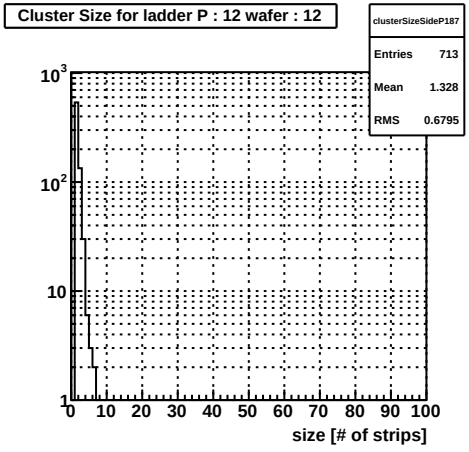

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 6019
Mean 1.177
RMS 0.5003
size [# of strips]

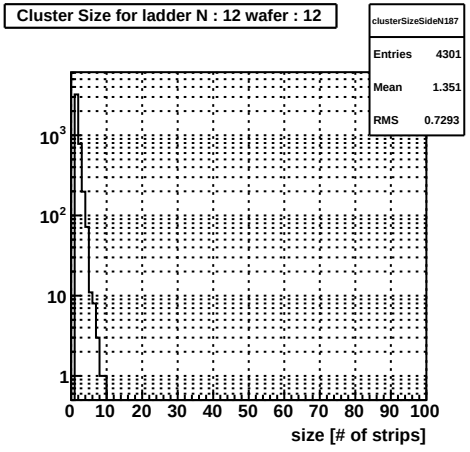

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2403
Mean 1.51
RMS 0.811
size [# of strips]

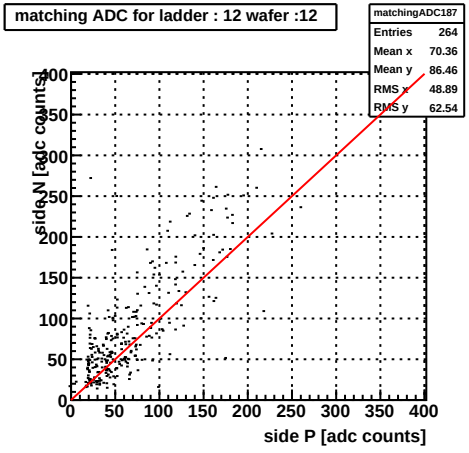

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1459
Mean x 79.65
Mean y 73.1
RMS x 60.95
RMS y 54.54
side N [adc counts]
side P [adc counts]

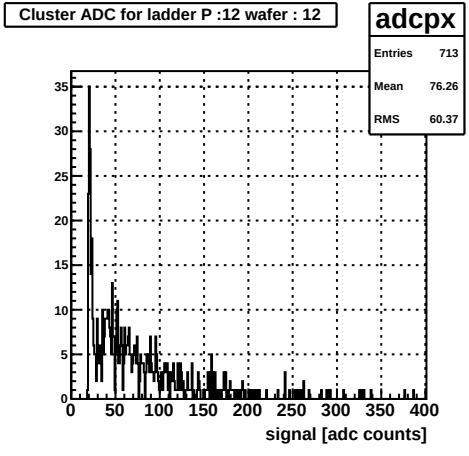

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 6019
Mean 42.08
RMS 42.31
signal [adc counts]

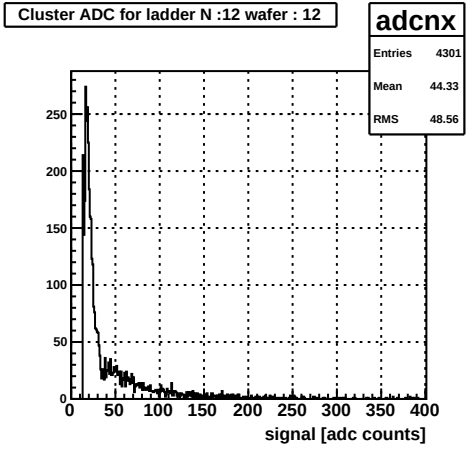

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2403
Mean 64.56
RMS 56.53
signal [adc counts]

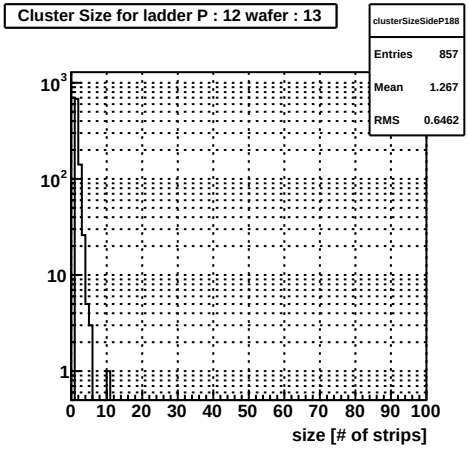

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 713
Mean 1.328
RMS 0.6795
size [# of strips]

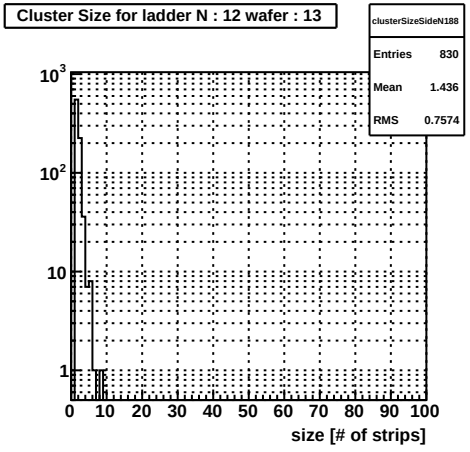

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4301
Mean 1.351
RMS 0.7293
size [# of strips]

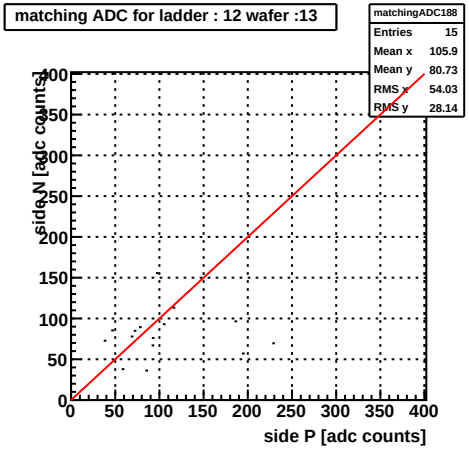

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 264
Mean x 70.36
Mean y 86.46
RMS x 48.89
RMS y 62.54
side N [adc counts]
side P [adc counts]

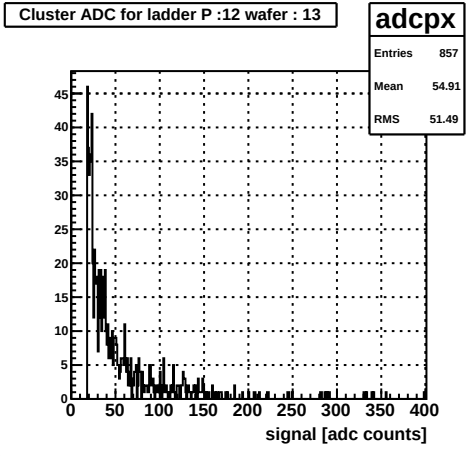

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 713
Mean 76.26
RMS 60.37
signal [adc counts]

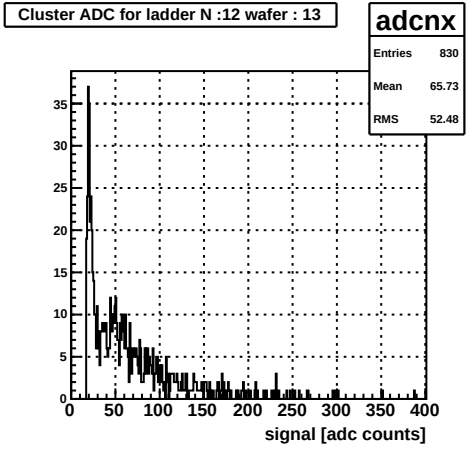

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4301
Mean 44.33
RMS 48.56
signal [adc counts]

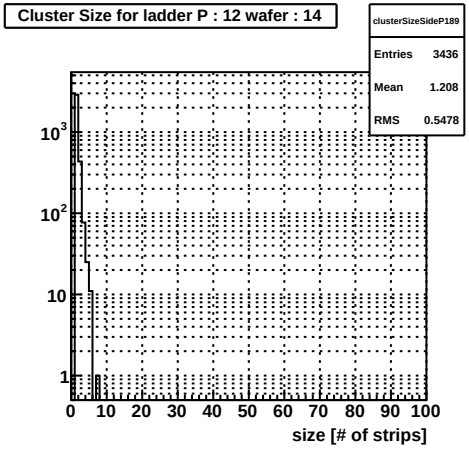

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 857
Mean 1.267
RMS 0.6462
size [# of strips]

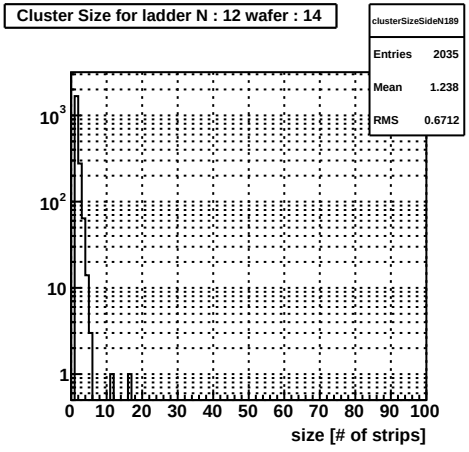

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 830
Mean 1.436
RMS 0.7574
size [# of strips]

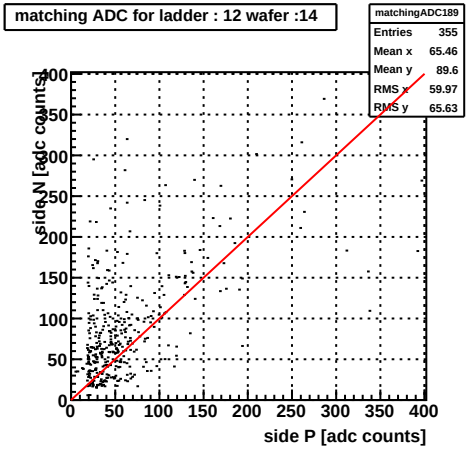

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 15
Mean x 105.9
Mean y 80.73
RMS x 54.03
RMS y 28.14
side N [adc counts]
side P [adc counts]

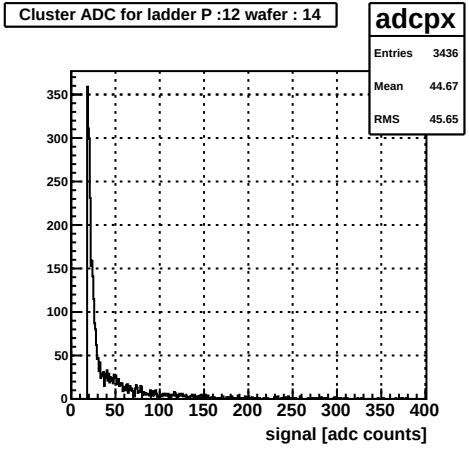

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 857
Mean 54.91
RMS 51.49
signal [adc counts]

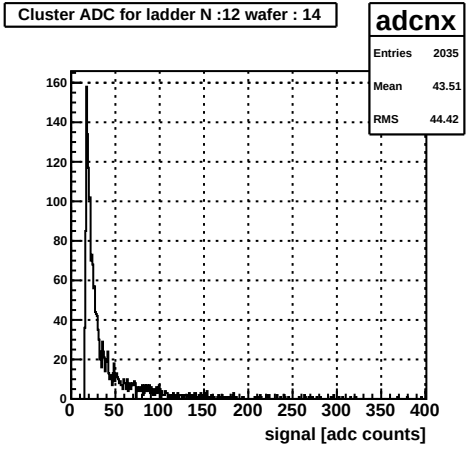

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 830
Mean 65.73
RMS 52.48
signal [adc counts]

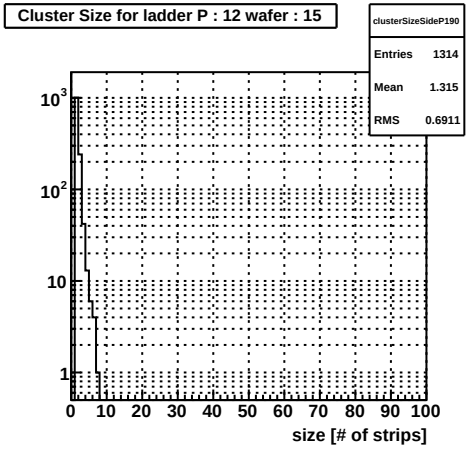

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3436
Mean 1.208
RMS 0.5478
size [# of strips]

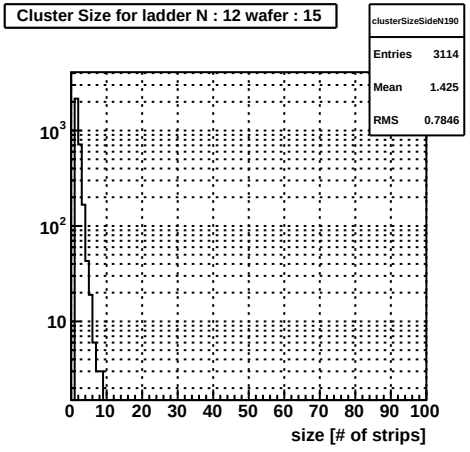

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2035
Mean 1.238
RMS 0.6712
size [# of strips]

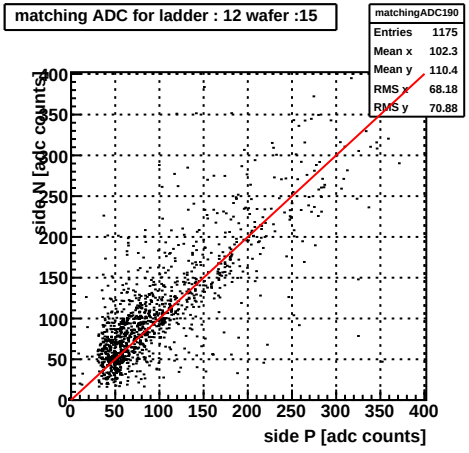

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 355
Mean x 65.46
Mean y 89.6
RMS x 59.97
RMS y 65.63
side N [adc counts]
side P [adc counts]

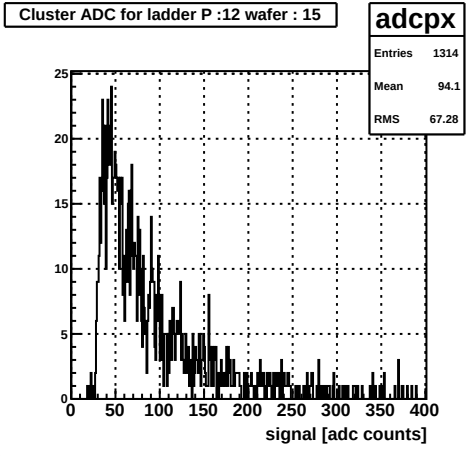

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3436
Mean 44.67
RMS 45.65
signal [adc counts]

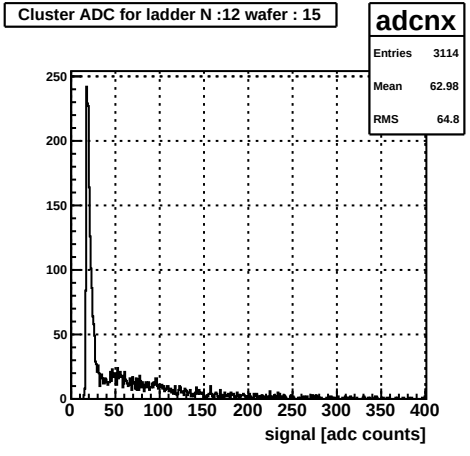

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2035
Mean 43.51
RMS 44.42
signal [adc counts]

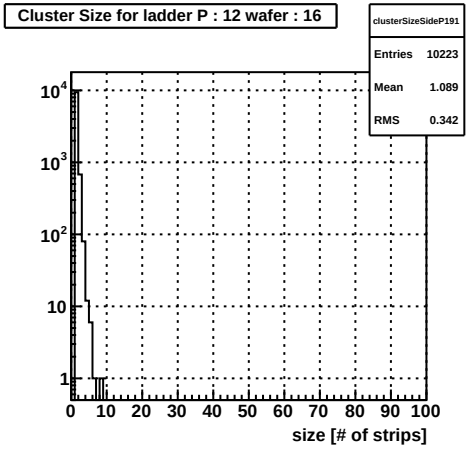

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1314
Mean 1.315
RMS 0.6911
size [# of strips]

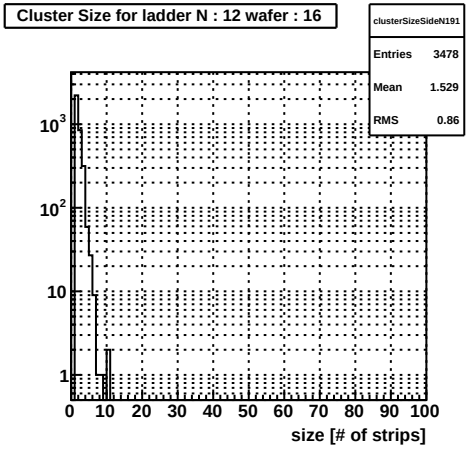

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3114
Mean 1.425
RMS 0.7846
size [# of strips]

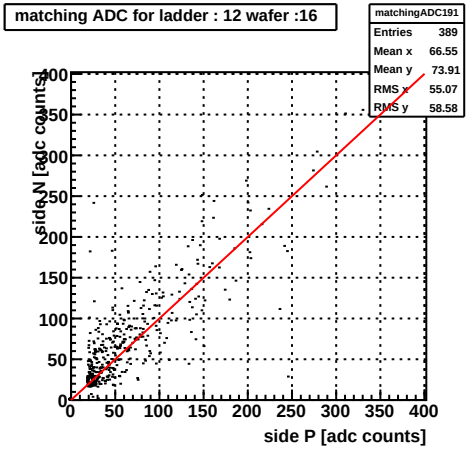

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1175
Mean x 102.3
Mean y 110.4
RMS x 68.18
RMS y 70.88
side N [adc counts]
side P [adc counts]

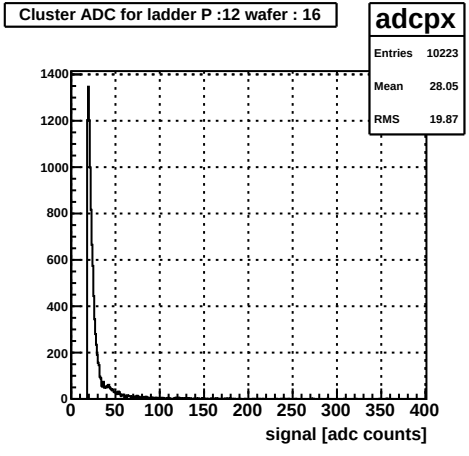

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1314
Mean 94.1
RMS 67.28
signal [adc counts]

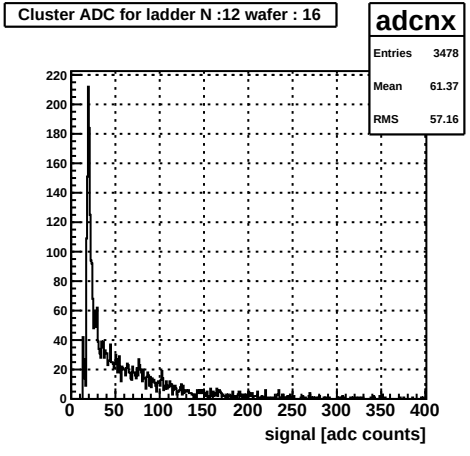

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3114
Mean 62.98
RMS 64.8
signal [adc counts]

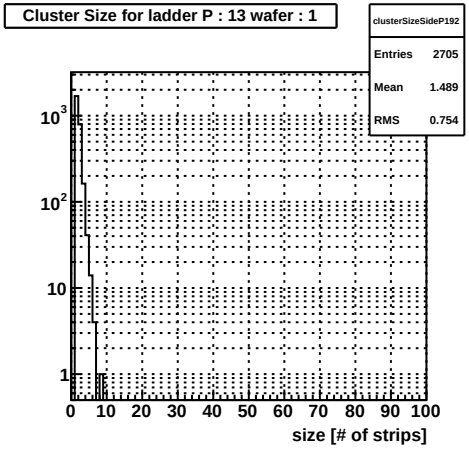

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10223
Mean 1.089
RMS 0.342
size [# of strips]

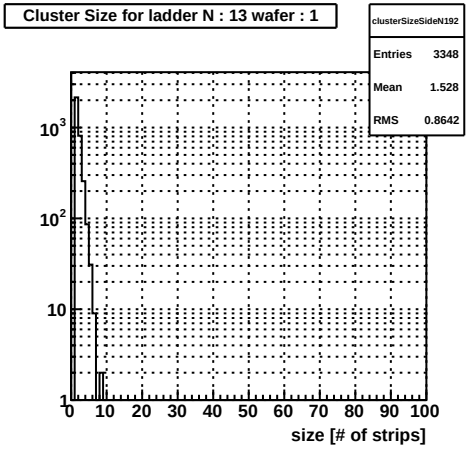

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3478
Mean 1.529
RMS 0.86
size [# of strips]

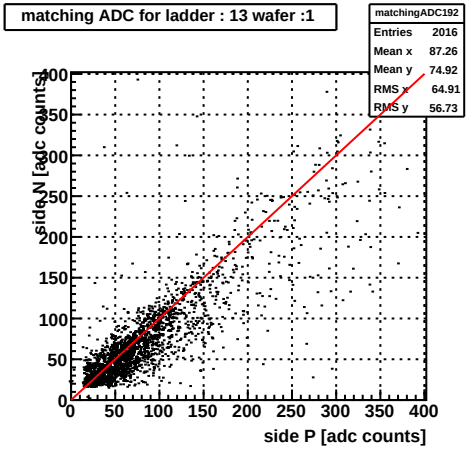

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 389
Mean x 66.55
Mean y 73.91
RMS x 55.07
RMS y 58.58
side N [adc counts]
side P [adc counts]

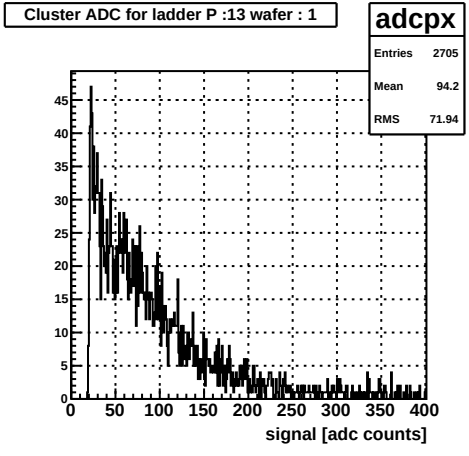

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10223
Mean 28.05
RMS 19.87
signal [adc counts]

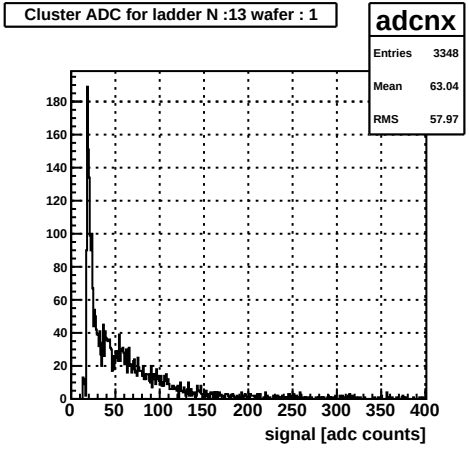

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3478
Mean 61.37
RMS 57.16
signal [adc counts]

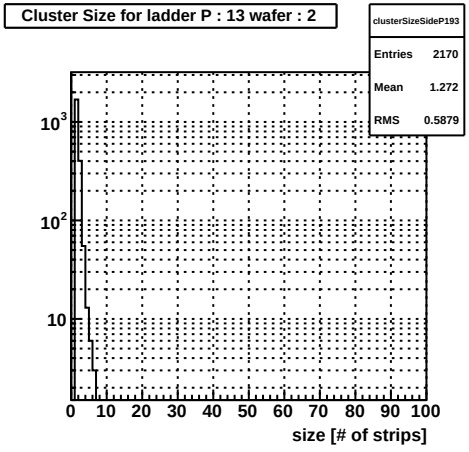

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2705
Mean 1.489
RMS 0.754
size [# of strips]

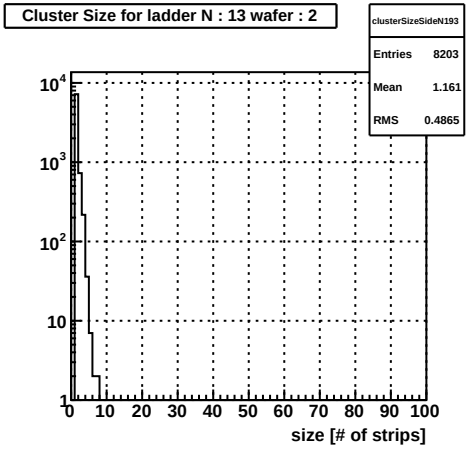

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3348
Mean 1.528
RMS 0.8642
size [# of strips]

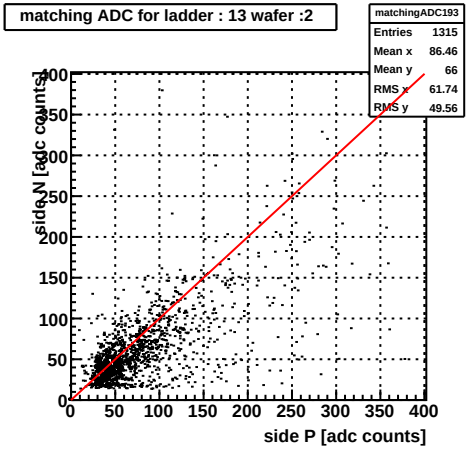

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2016
Mean x 87.26
Mean y 74.92
RMS x 64.91
RMS y 56.73
side N [adc counts]
side P [adc counts]

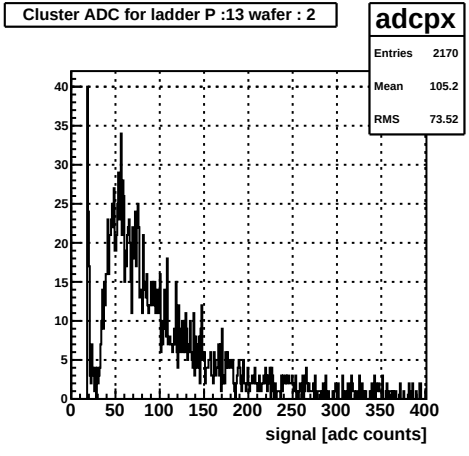

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2705
Mean 94.2
RMS 71.94
signal [adc counts]

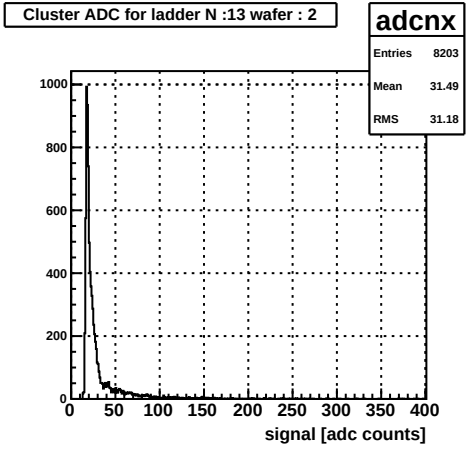

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3348
Mean 63.04
RMS 57.97
signal [adc counts]

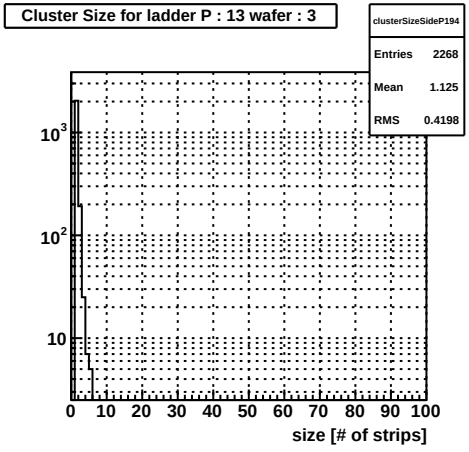

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2170
Mean 1.272
RMS 0.5879
size [# of strips]

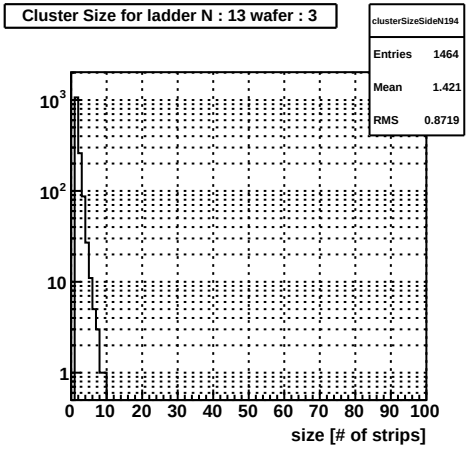

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8203
Mean 1.161
RMS 0.4865
size [# of strips]

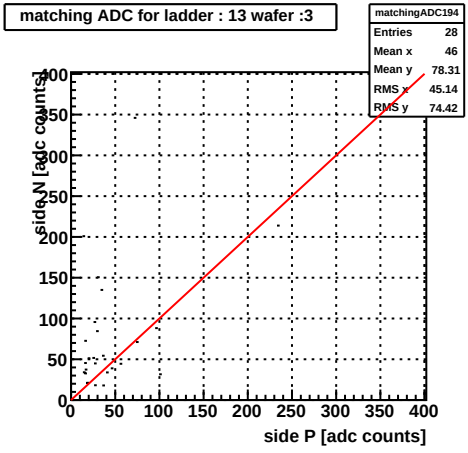

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1315
Mean x 86.46
Mean y 66
RMS x 61.74
RMS y 49.56
side N [adc counts]
side P [adc counts]

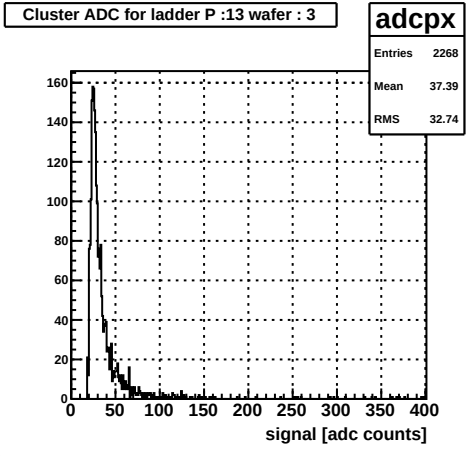

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2170
Mean 105.2
RMS 73.52
signal [adc counts]

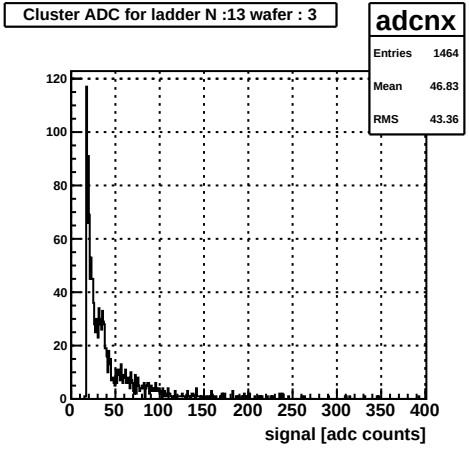

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8203
Mean 31.49
RMS 31.18
signal [adc counts]

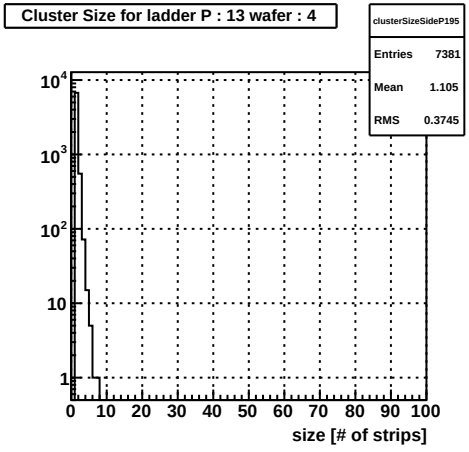

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 2268
Mean 1.125
RMS 0.4198
size [# of strips]

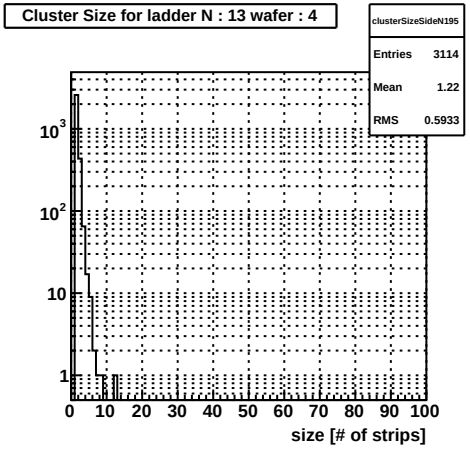

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1464
Mean 1.421
RMS 0.8719
size [# of strips]

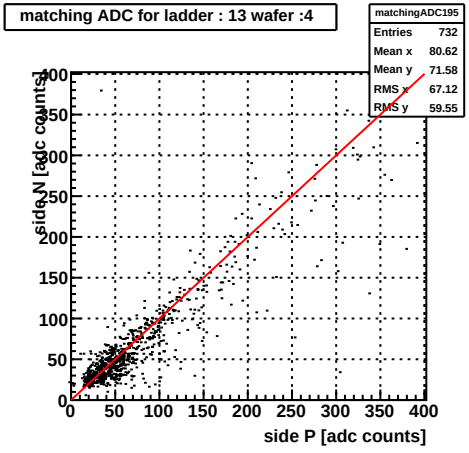

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 28
Mean x 46
Mean y 78.31
RMS x 45.14
RMS y 74.42
side N [adc counts]
side P [adc counts]

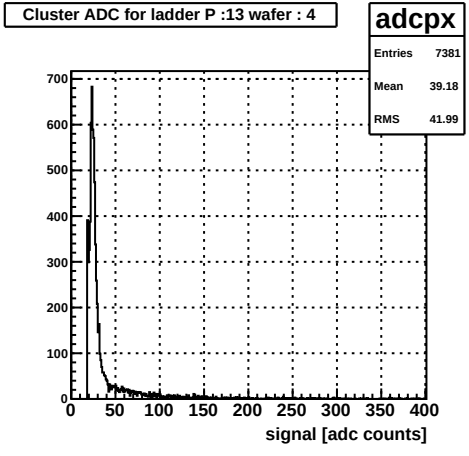

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 2268
Mean 37.39
RMS 32.74
signal [adc counts]

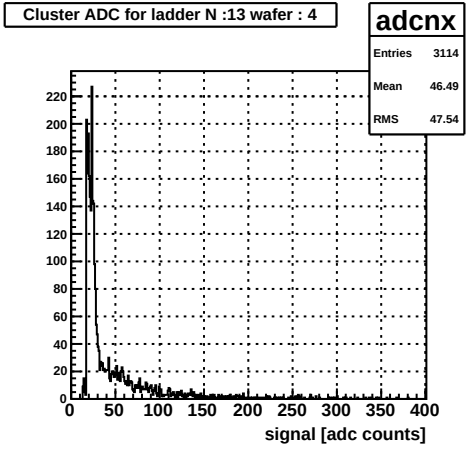

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1464
Mean 46.83
RMS 43.36
signal [adc counts]

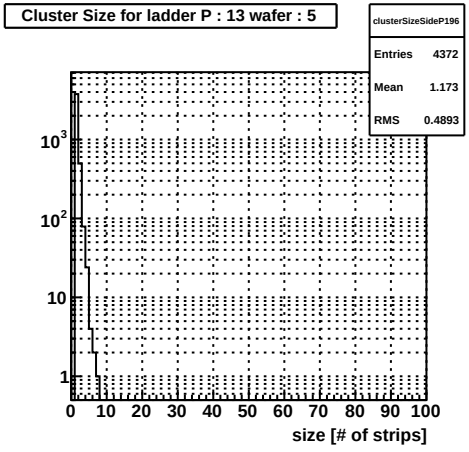

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7381
Mean 1.105
RMS 0.3745
size [# of strips]

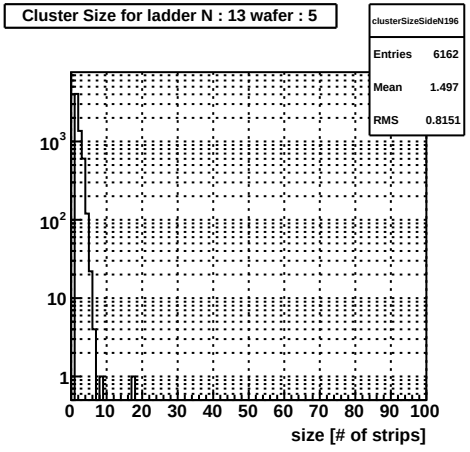

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3114
Mean 1.22
RMS 0.5933
size [# of strips]

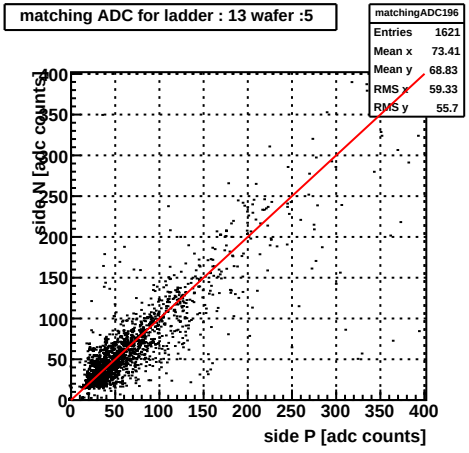

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 732
Mean x 80.62
Mean y 71.58
RMS x 67.12
RMS y 59.55
side N [adc counts]
side P [adc counts]

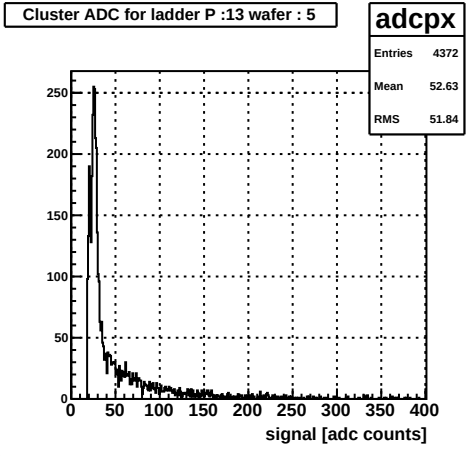

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7381
Mean 39.18
RMS 41.99
signal [adc counts]

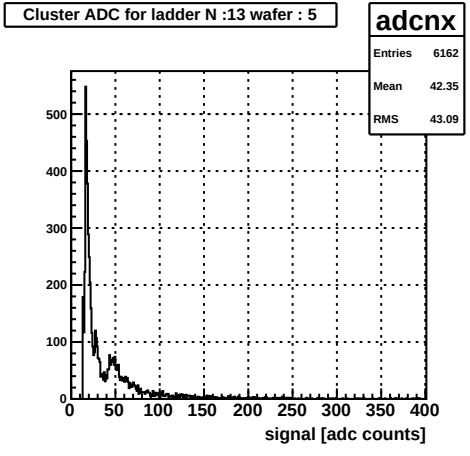

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3114
Mean 46.49
RMS 47.54
signal [adc counts]

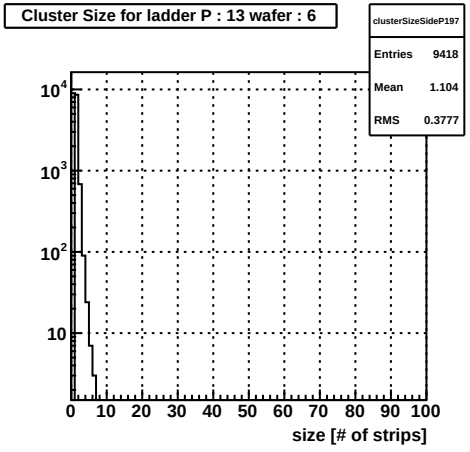

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4372
Mean 1.173
RMS 0.4893
size [# of strips]

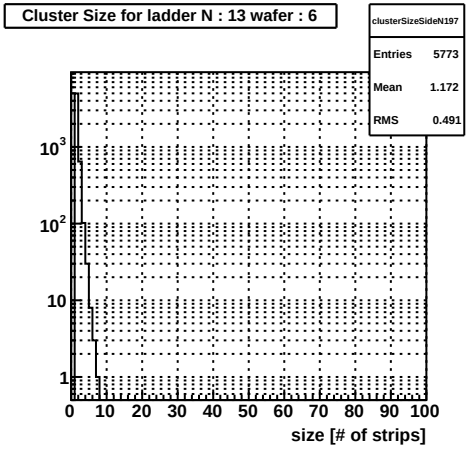

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6162
Mean 1.497
RMS 0.8151
size [# of strips]

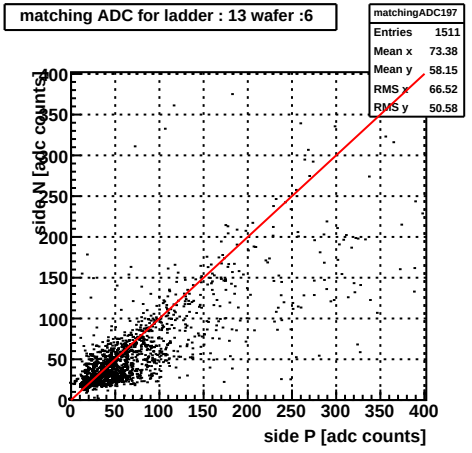

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1621
Mean x 73.41
Mean y 68.83
RMS x 59.33
RMS y 55.7
side N [adc counts]
side P [adc counts]

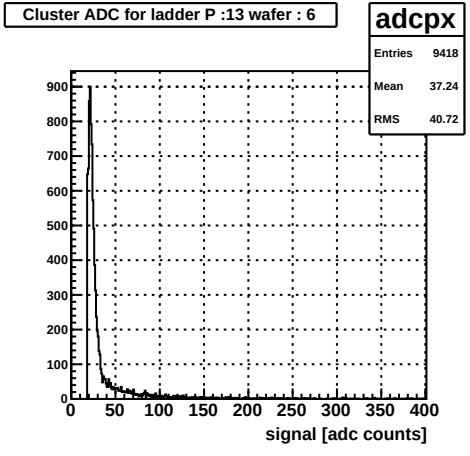

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4372
Mean 52.63
RMS 51.84
signal [adc counts]

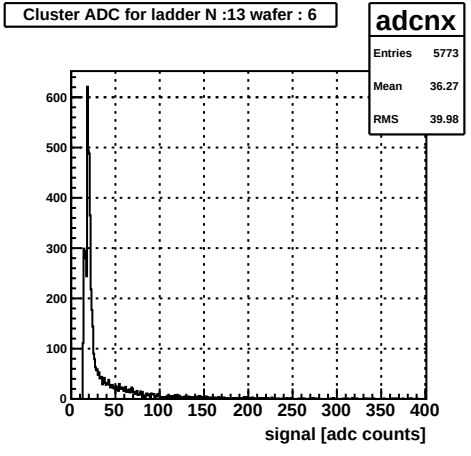

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6162
Mean 42.35
RMS 43.09
signal [adc counts]

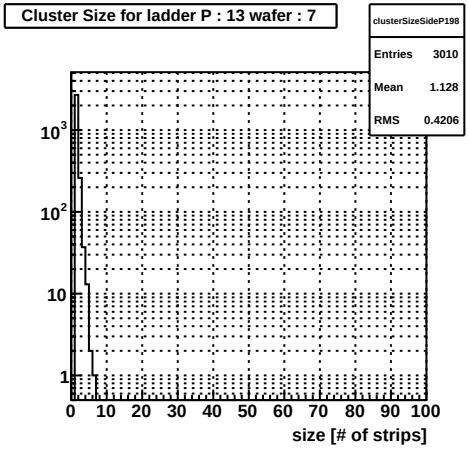

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9418
Mean 1.104
RMS 0.3777
size [# of strips]

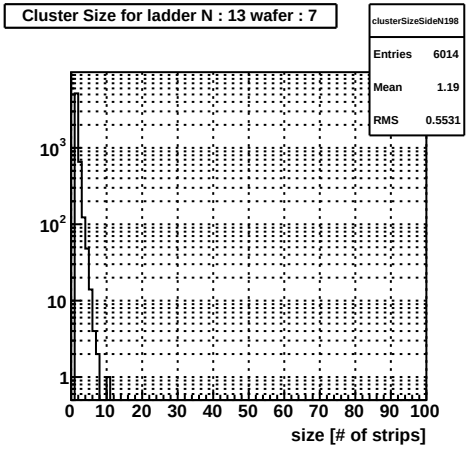

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5773
Mean 1.172
RMS 0.491
size [# of strips]

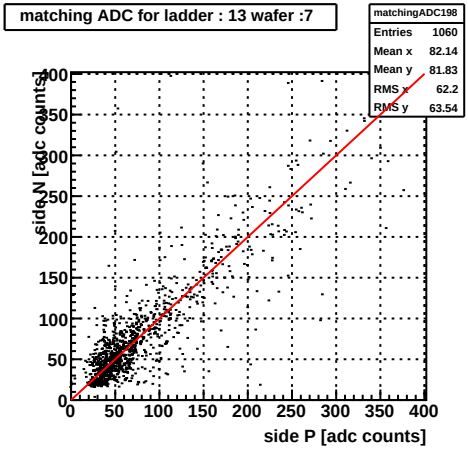

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1511
Mean x 73.38
Mean y 58.15
RMS x 66.52
RMS y 50.58
side N [adc counts]
side P [adc counts]

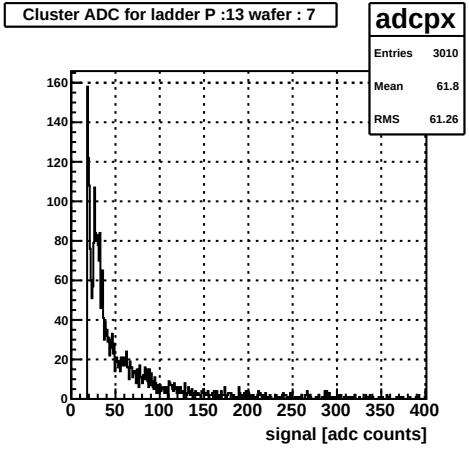

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9418
Mean 37.24
RMS 40.72
signal [adc counts]

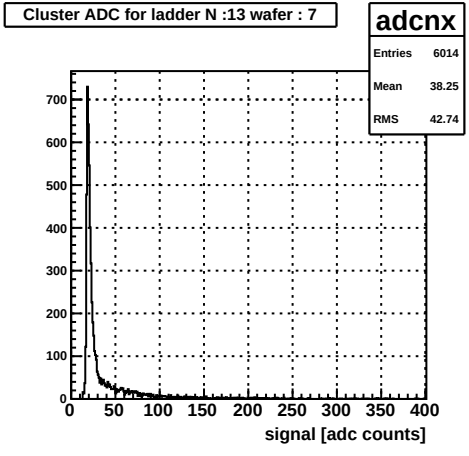

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5773
Mean 36.27
RMS 39.98
signal [adc counts]

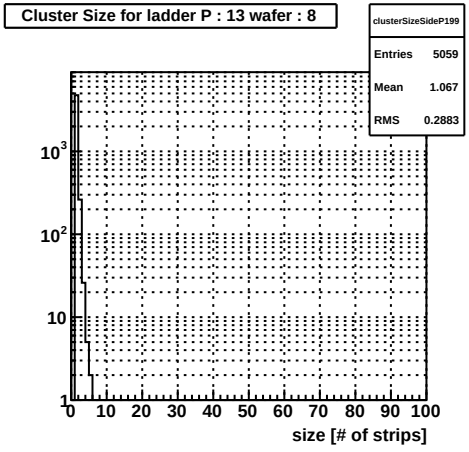

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 3010
Mean 1.128
RMS 0.4206
size [# of strips]

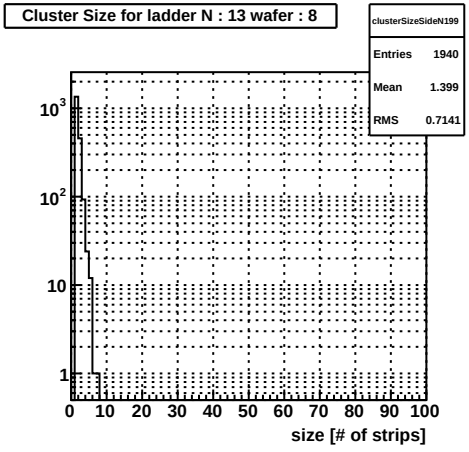

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6014
Mean 1.19
RMS 0.5531
size [# of strips]

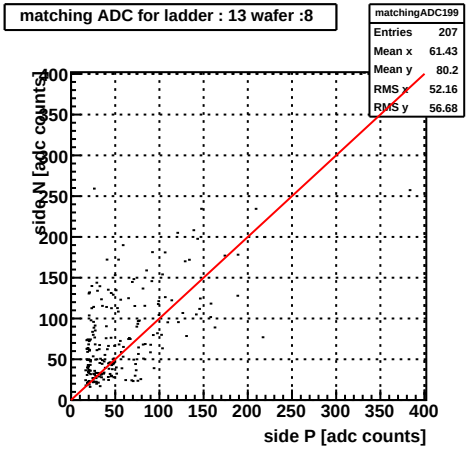

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1060
Mean x 82.14
Mean y 81.83
RMS x 62.2
RMS y 63.54
side N [adc counts]
side P [adc counts]

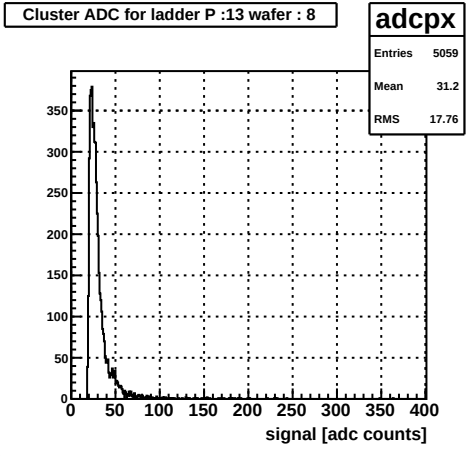

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 3010
Mean 61.8
RMS 61.26
signal [adc counts]

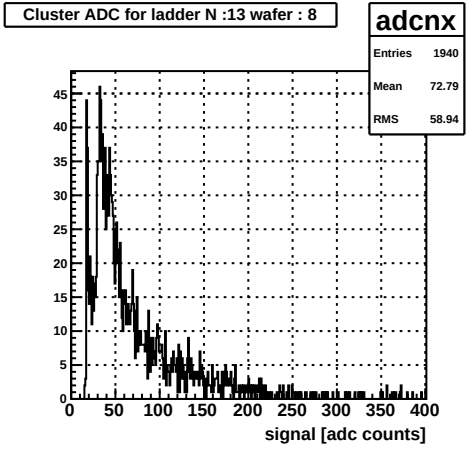

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6014
Mean 38.25
RMS 42.74
signal [adc counts]

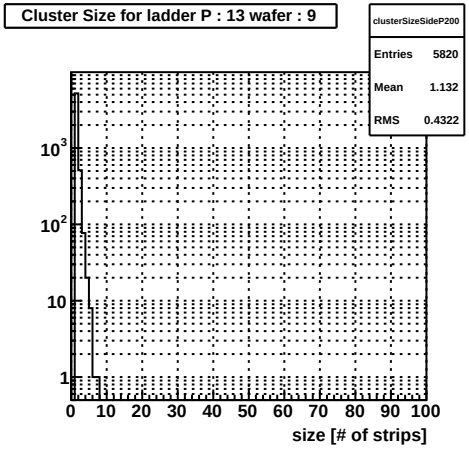

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5059
Mean 1.067
RMS 0.2883
size [# of strips]

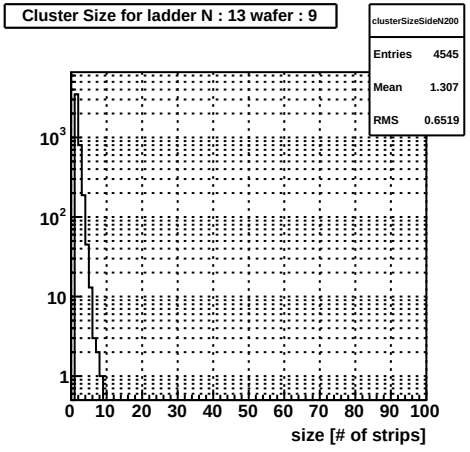

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1940
Mean 1.399
RMS 0.7141
size [# of strips]

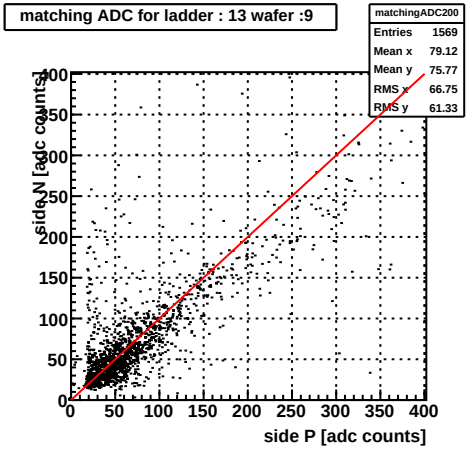

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 207
Mean x 61.43
Mean y 80.2
RMS x 52.16
RMS y 56.68
side N [adc counts]
side P [adc counts]

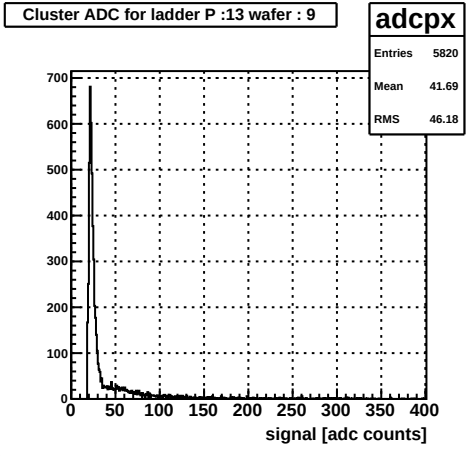

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5059
Mean 31.2
RMS 17.76
signal [adc counts]

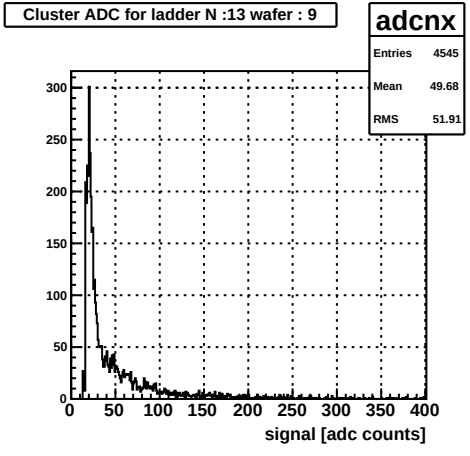

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1940
Mean 72.79
RMS 58.94
signal [adc counts]

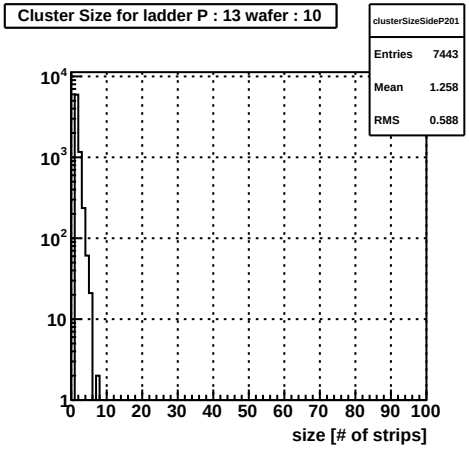

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5820
Mean 1.132
RMS 0.4322
size [# of strips]

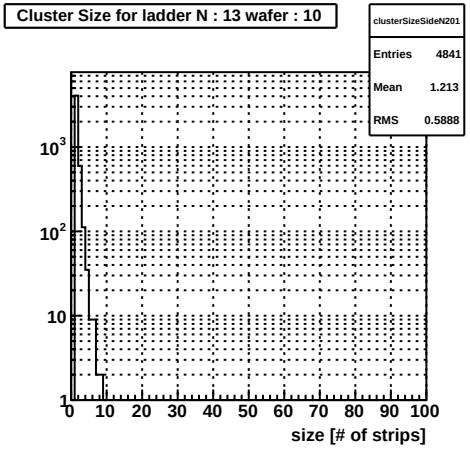

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4545
Mean 1.307
RMS 0.6519
size [# of strips]

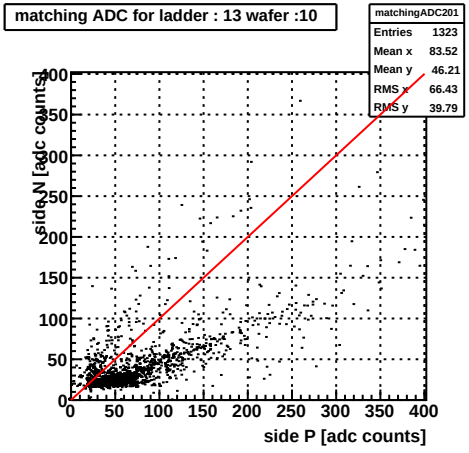

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1569
Mean x 79.12
Mean y 75.77
RMS x 66.75
RMS y 61.33
side N [adc counts]
side P [adc counts]

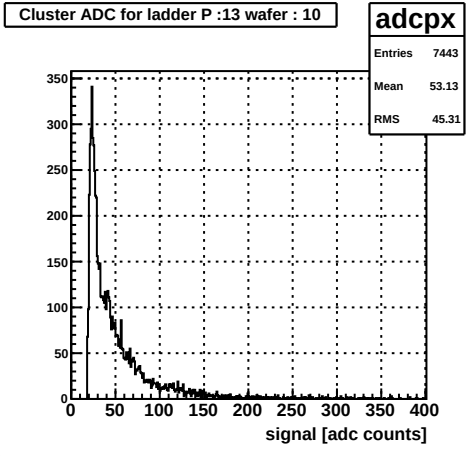

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5820
Mean 41.69
RMS 46.18
signal [adc counts]

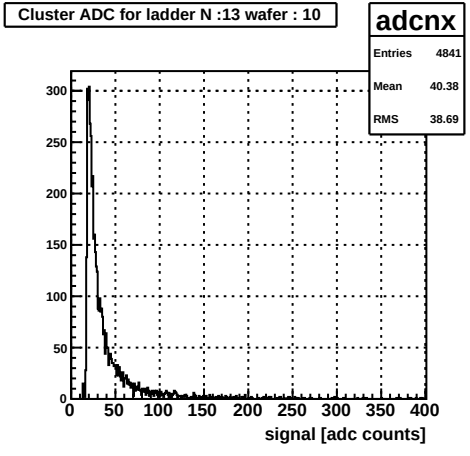

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4545
Mean 49.68
RMS 51.91
signal [adc counts]

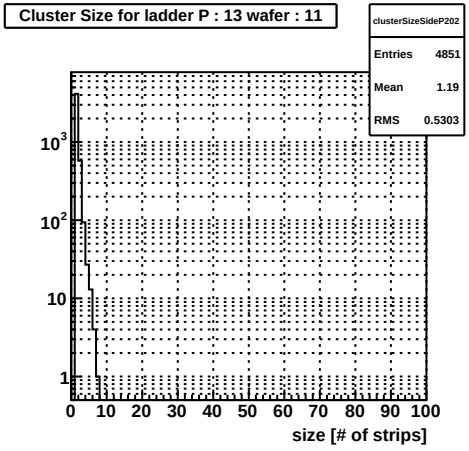

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7443
Mean 1.258
RMS 0.588
size [# of strips]

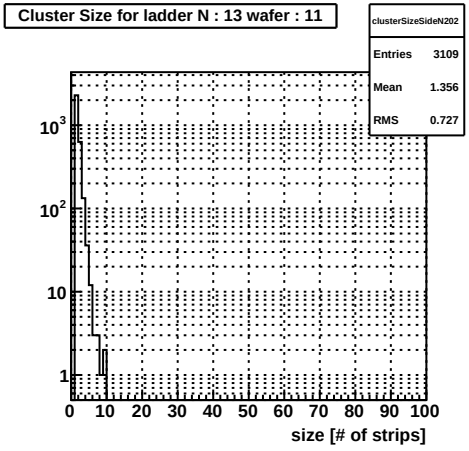

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4841
Mean 1.213
RMS 0.5888
size [# of strips]

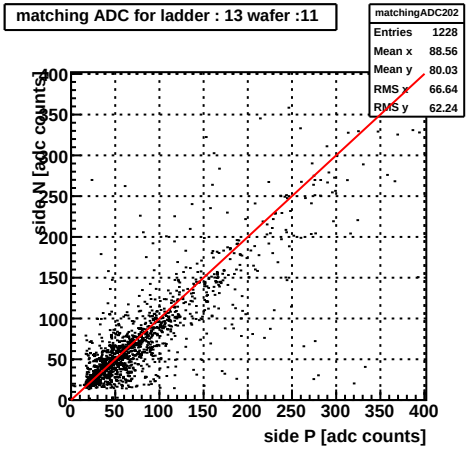

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1323
Mean x 83.52
Mean y 46.21
RMS x 66.43
RMS y 39.79
side N [adc counts]
side P [adc counts]

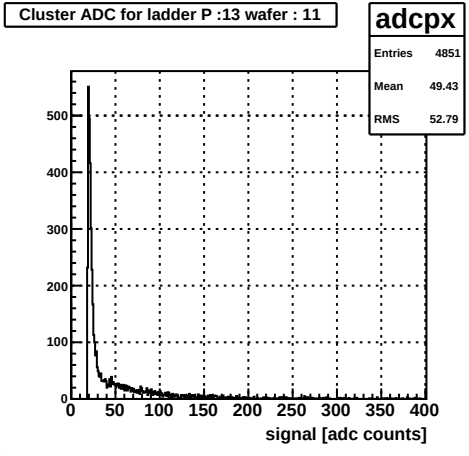

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7443
Mean 53.13
RMS 45.31
signal [adc counts]

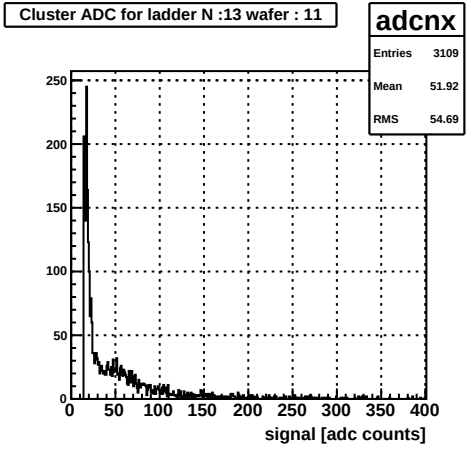

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4841
Mean 40.38
RMS 38.69
signal [adc counts]

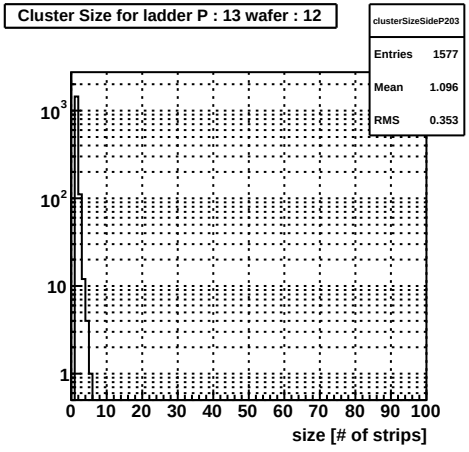

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4851
Mean 1.19
RMS 0.5303
size [# of strips]

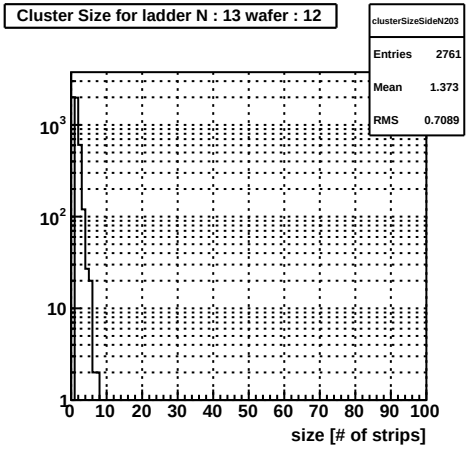

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3109
Mean 1.356
RMS 0.727
size [# of strips]

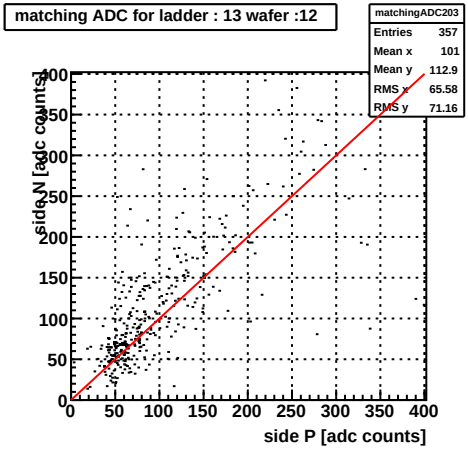

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1228
Mean x 88.56
Mean y 80.03
RMS x 66.64
RMS y 62.24
side N [adc counts]
side P [adc counts]

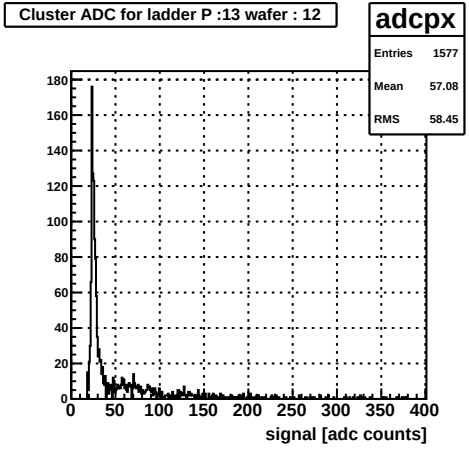

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4851
Mean 49.43
RMS 52.79
signal [adc counts]

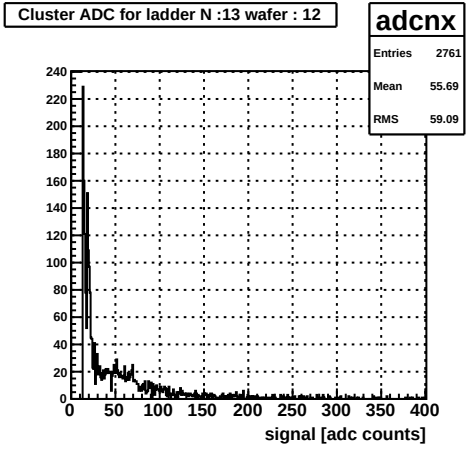

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3109
Mean 51.92
RMS 54.69
signal [adc counts]

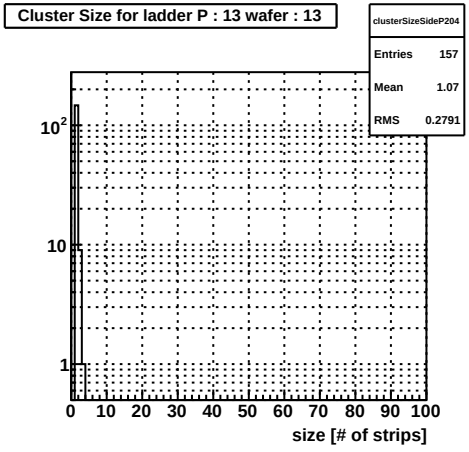

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1577
Mean 1.096
RMS 0.353
size [# of strips]

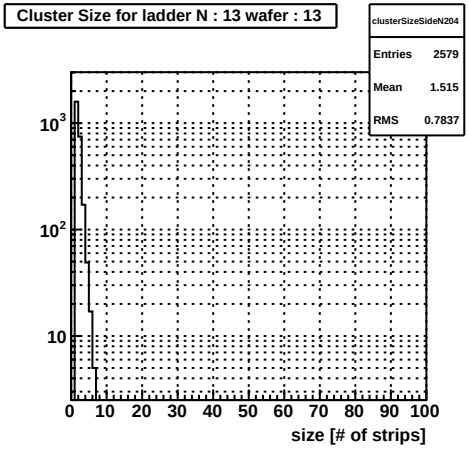

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2761
Mean 1.373
RMS 0.7089
size [# of strips]

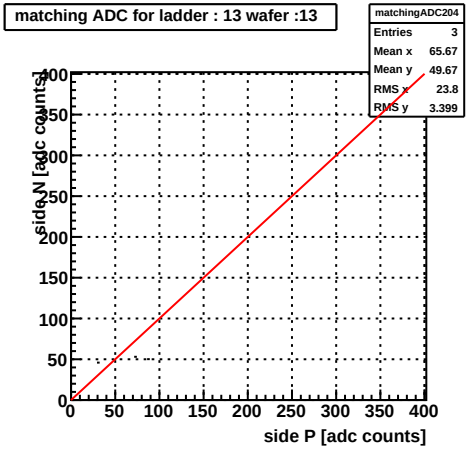

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 357
Mean x 101
Mean y 112.9
RMS x 65.58
RMS y 71.16
side N [adc counts]
side P [adc counts]

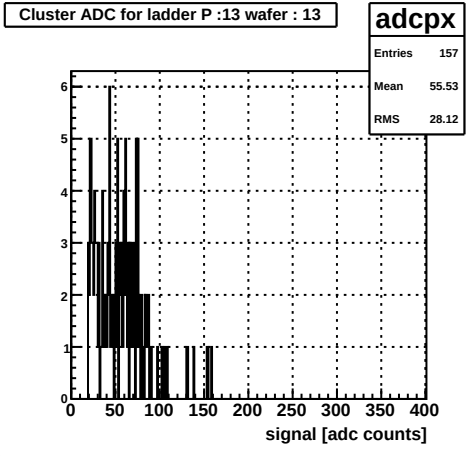

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1577
Mean 57.08
RMS 58.45
signal [adc counts]

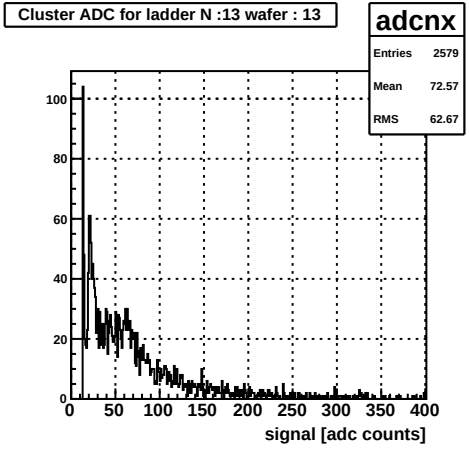

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2761
Mean 55.69
RMS 59.09
signal [adc counts]

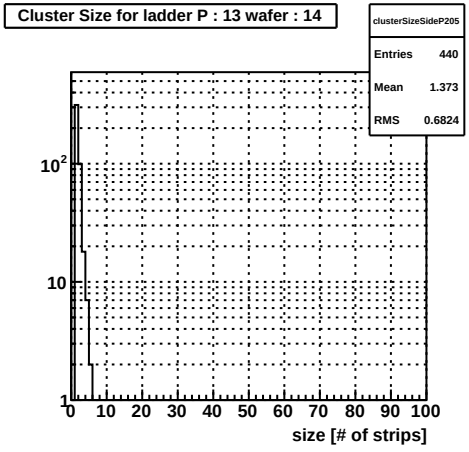

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 157
Mean 1.07
RMS 0.2791
size [# of strips]

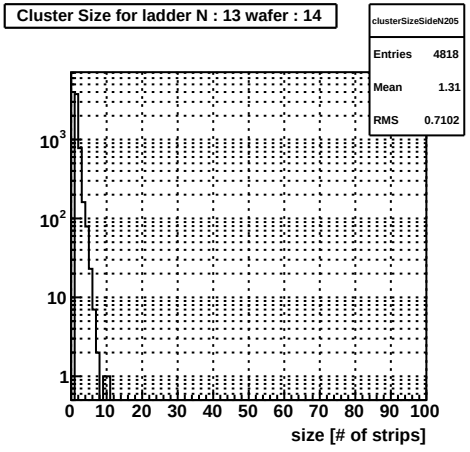

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2579
Mean 1.515
RMS 0.7837
size [# of strips]

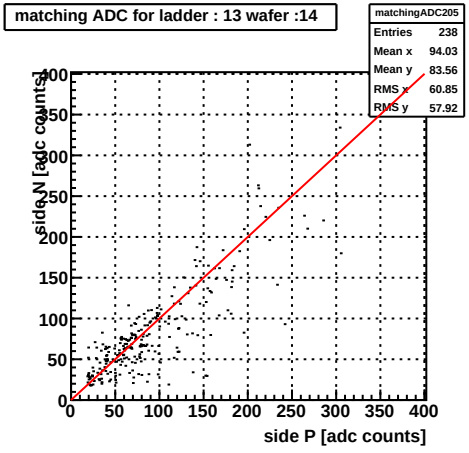

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 3
Mean x 65.67
Mean y 49.67
RMS x 23.8
RMS y 3.399
side N [adc counts]
side P [adc counts]

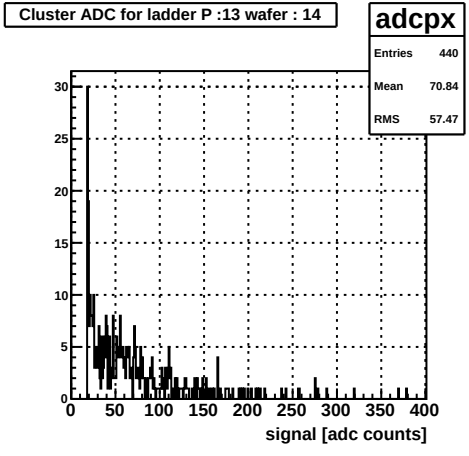

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 157
Mean 55.53
RMS 28.12
signal [adc counts]

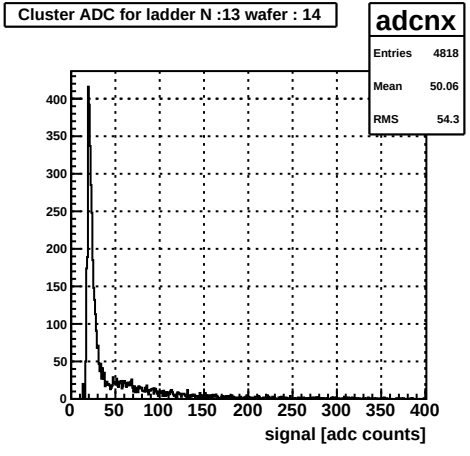

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2579
Mean 72.57
RMS 62.67
signal [adc counts]

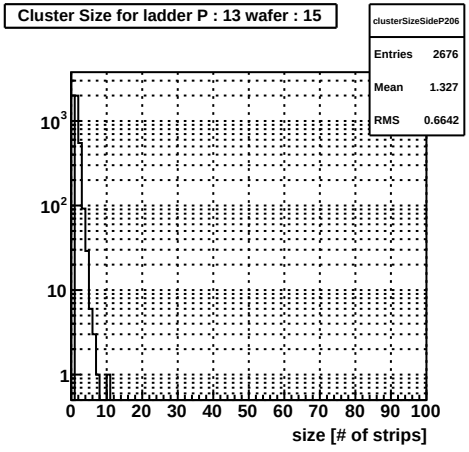

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 440
Mean 1.373
RMS 0.6824
size [# of strips]

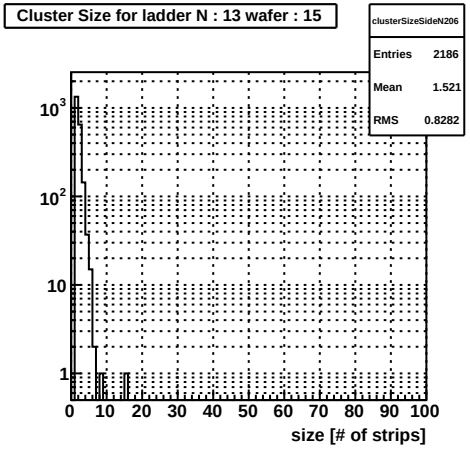

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4818
Mean 1.31
RMS 0.7102
size [# of strips]

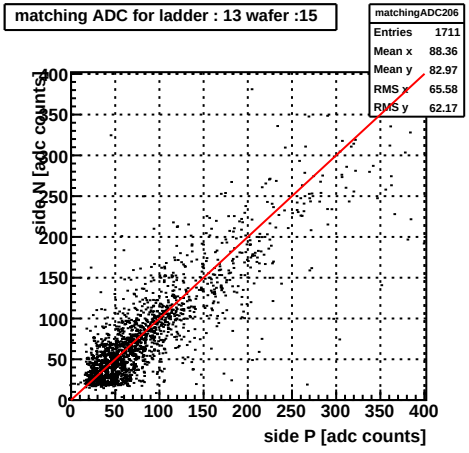

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 238
Mean x 94.03
Mean y 83.56
RMS x 60.85
RMS y 57.92
side N [adc counts]
side P [adc counts]

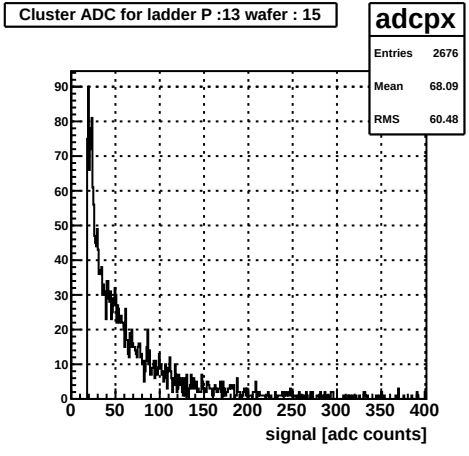

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 440
Mean 70.84
RMS 57.47
signal [adc counts]

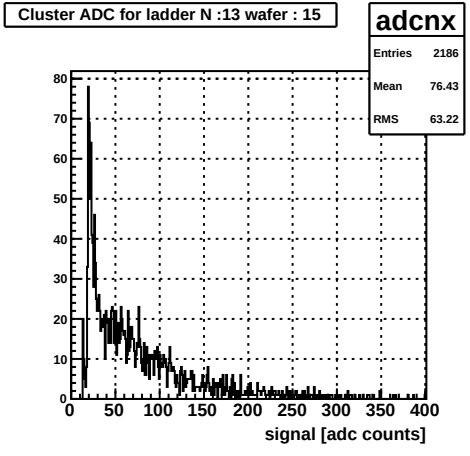

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4818
Mean 50.06
RMS 54.3
signal [adc counts]

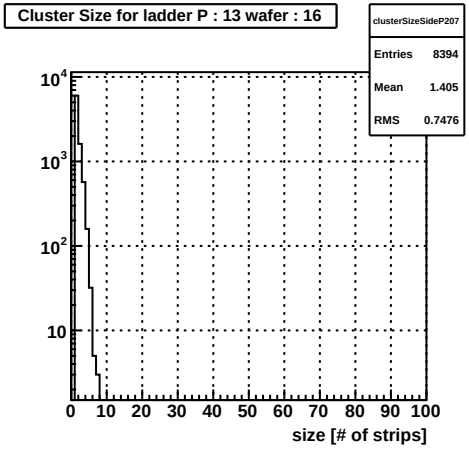

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2676
Mean 1.327
RMS 0.6642
size [# of strips]

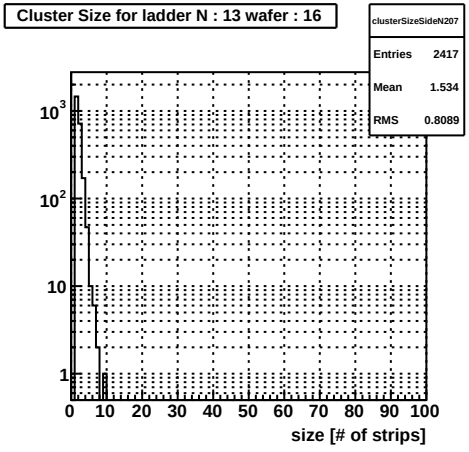

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2186
Mean 1.521
RMS 0.8282
size [# of strips]

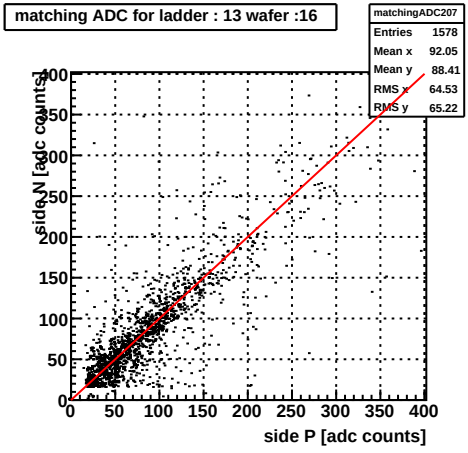

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1711
Mean x 88.36
Mean y 82.97
RMS x 65.58
RMS y 62.17
side N [adc counts]
side P [adc counts]

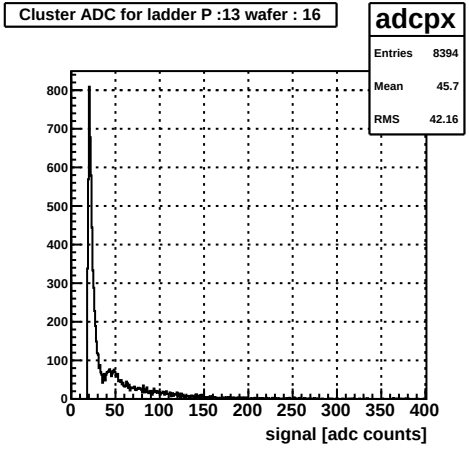

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2676
Mean 68.09
RMS 60.48
signal [adc counts]

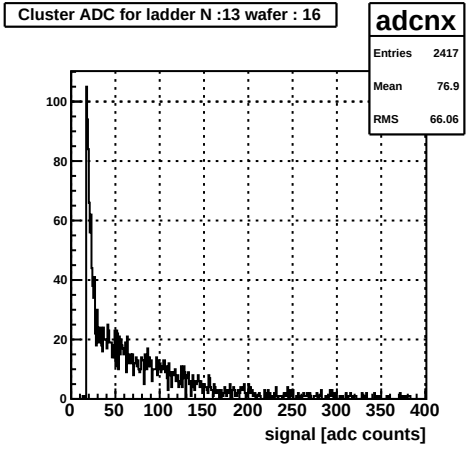

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2186
Mean 76.43
RMS 63.22
signal [adc counts]

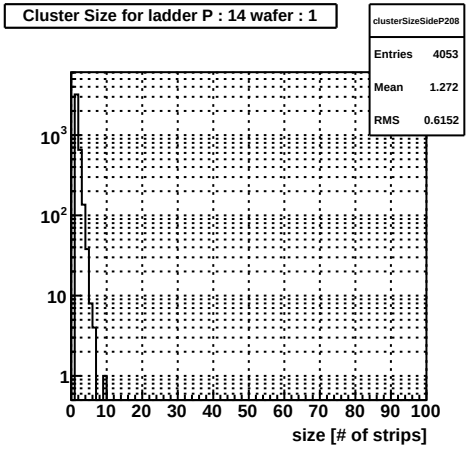

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8394
Mean 1.405
RMS 0.7476
size [# of strips]

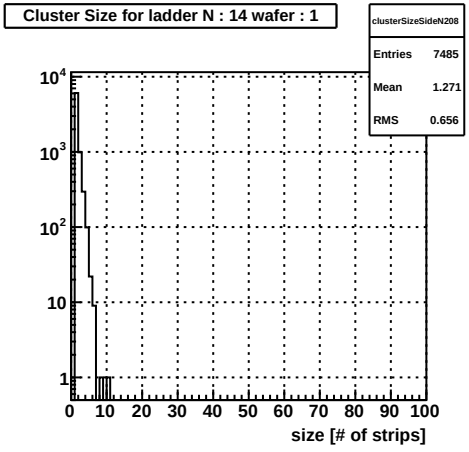

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2417
Mean 1.534
RMS 0.8089
size [# of strips]

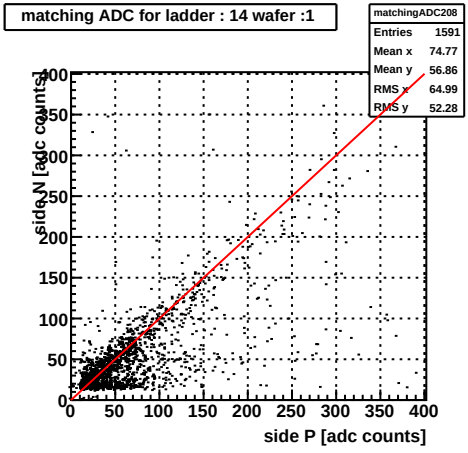

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1578
Mean x 92.05
Mean y 88.41
RMS x 64.53
RMS y 65.22
side N [adc counts]
side P [adc counts]

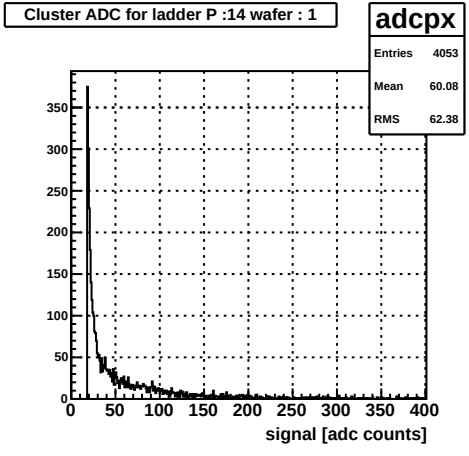

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8394
Mean 45.7
RMS 42.16
signal [adc counts]

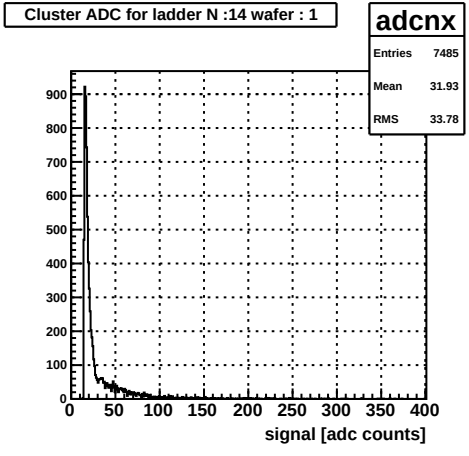

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2417
Mean 76.9
RMS 66.06
signal [adc counts]

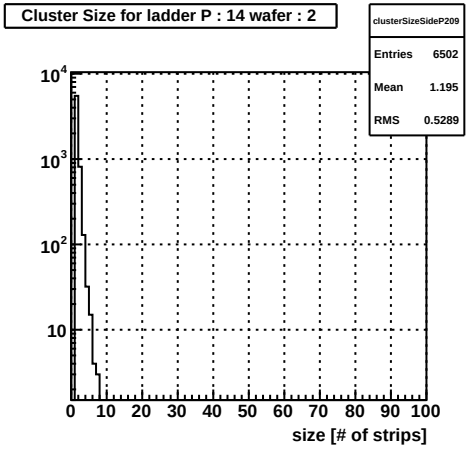

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4053
Mean 1.272
RMS 0.6152
size [# of strips]

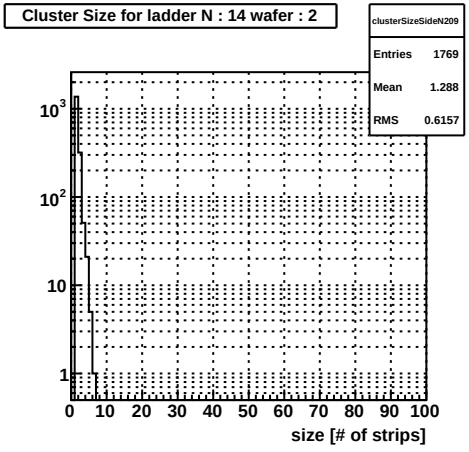

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7485
Mean 1.271
RMS 0.656
size [# of strips]

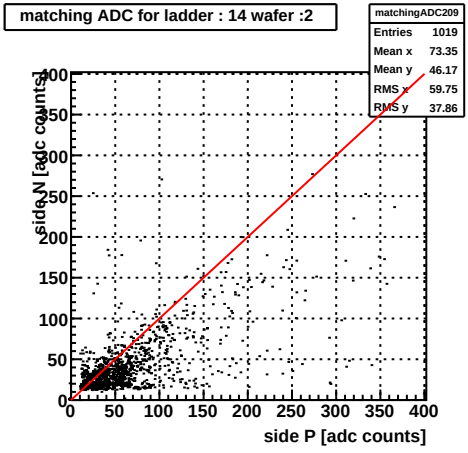

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1591
Mean x 74.77
Mean y 56.86
RMS x 64.99
RMS y 52.28
side N [adc counts]
side P [adc counts]

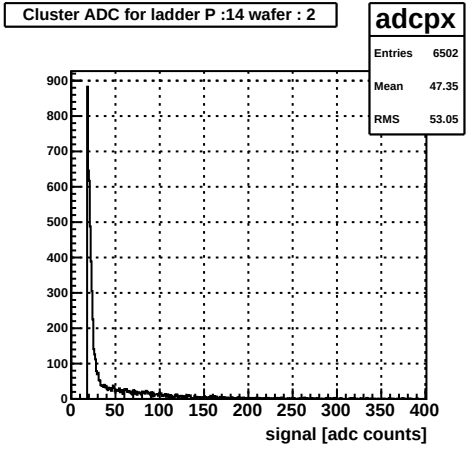

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4053
Mean 60.08
RMS 62.38
signal [adc counts]

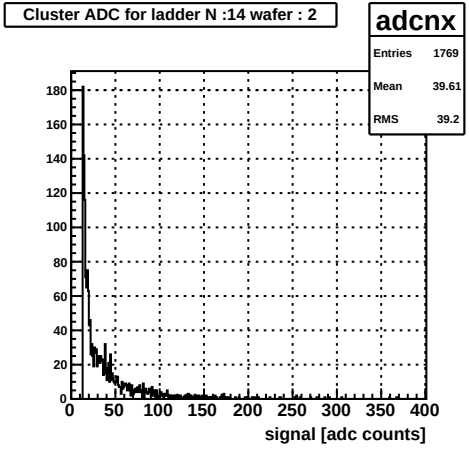

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7485
Mean 31.93
RMS 33.78
signal [adc counts]

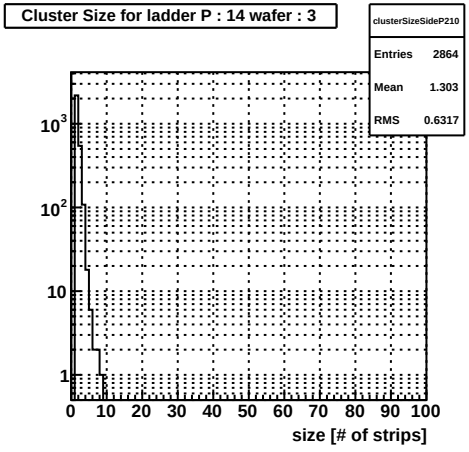

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6502
Mean 1.195
RMS 0.5289
size [# of strips]

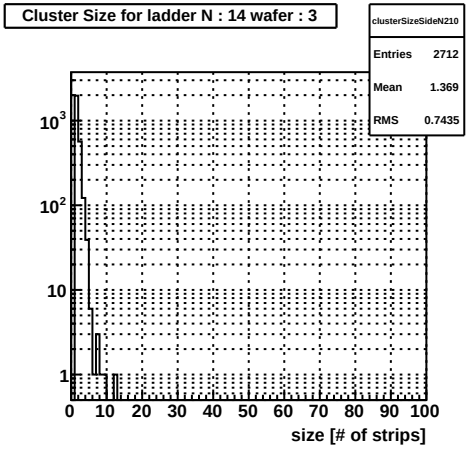

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1769
Mean 1.288
RMS 0.6157
size [# of strips]

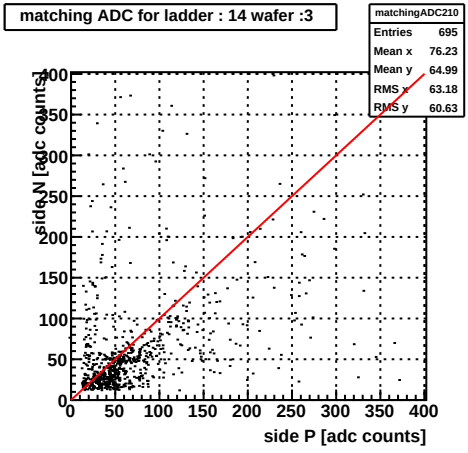

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1019
Mean x 73.35
Mean y 46.17
RMS x 59.75
RMS y 37.86
side N [adc counts]
side P [adc counts]

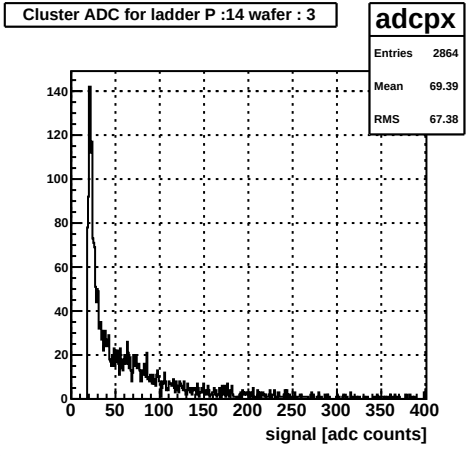

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6502
Mean 47.35
RMS 53.05
signal [adc counts]

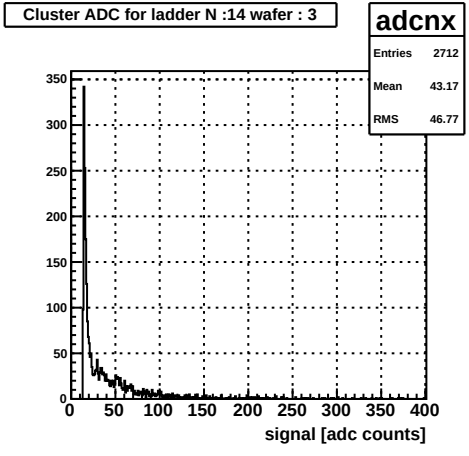

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1769
Mean 39.61
RMS 39.2
signal [adc counts]

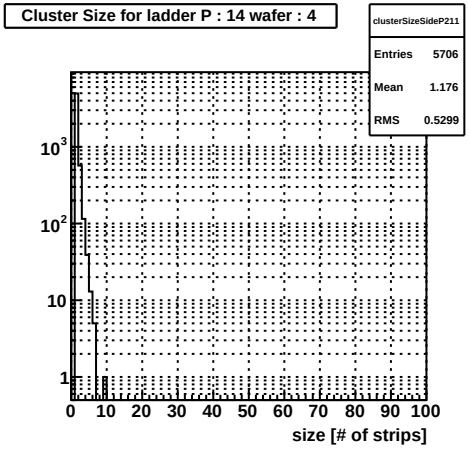

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2864
Mean 1.303
RMS 0.6317
size [# of strips]

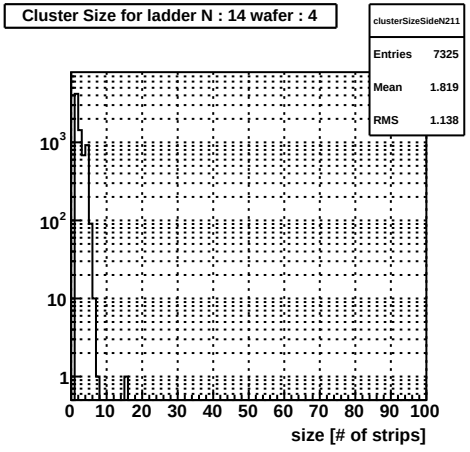

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2712
Mean 1.369
RMS 0.7435
size [# of strips]

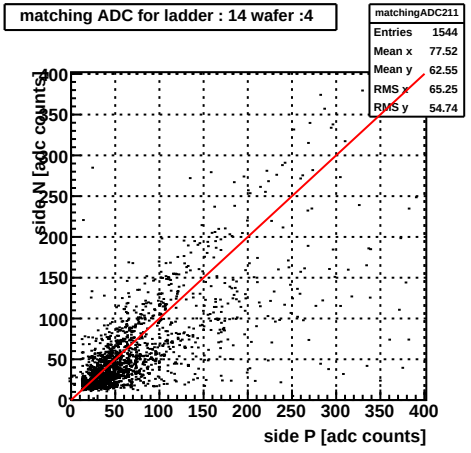

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 695
Mean x 76.23
Mean y 64.99
RMS x 63.18
RMS y 60.63
side N [adc counts]
side P [adc counts]

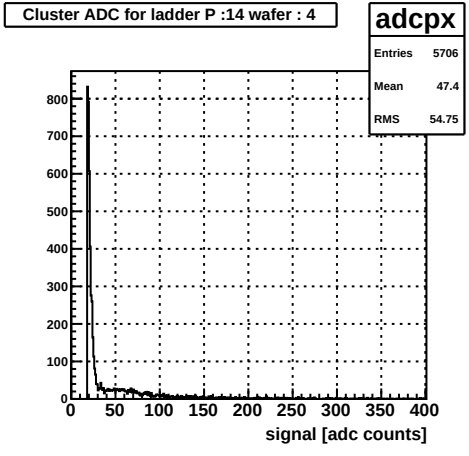

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2864
Mean 69.39
RMS 67.38
signal [adc counts]

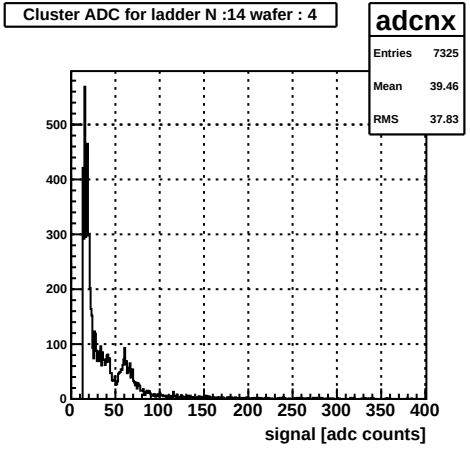

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2712
Mean 43.17
RMS 46.77
signal [adc counts]

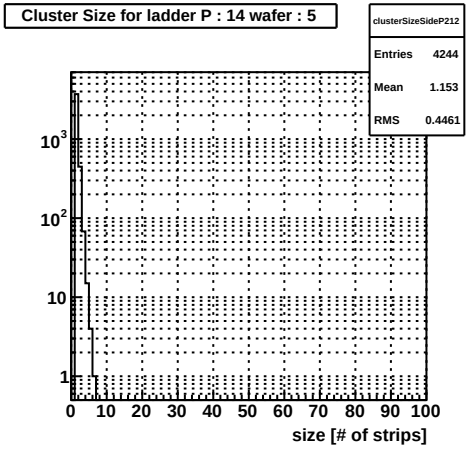

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5706
Mean 1.176
RMS 0.5299
size [# of strips]

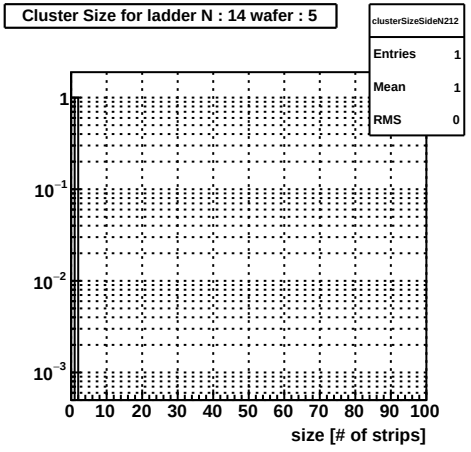

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7325
Mean 1.819
RMS 1.138
size [# of strips]

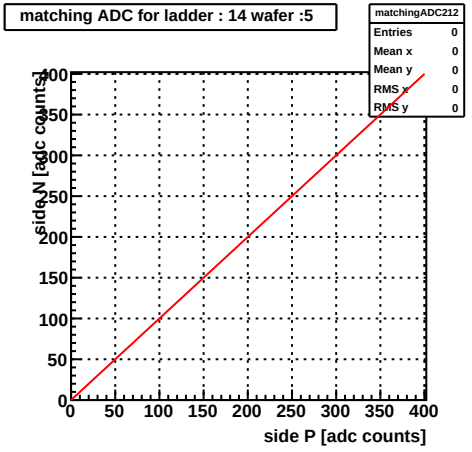

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1544
Mean x 77.52
Mean y 62.55
RMS x 65.25
RMS y 54.74
side N [adc counts]
side P [adc counts]

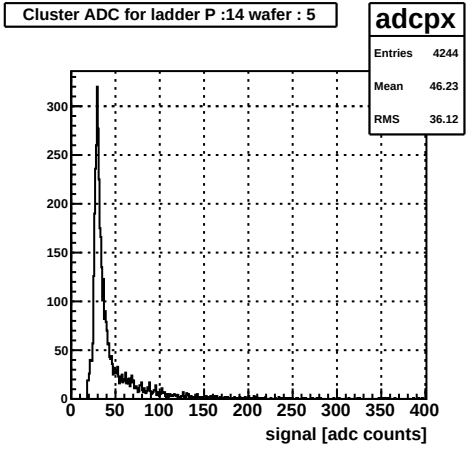

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5706
Mean 47.4
RMS 54.75
signal [adc counts]

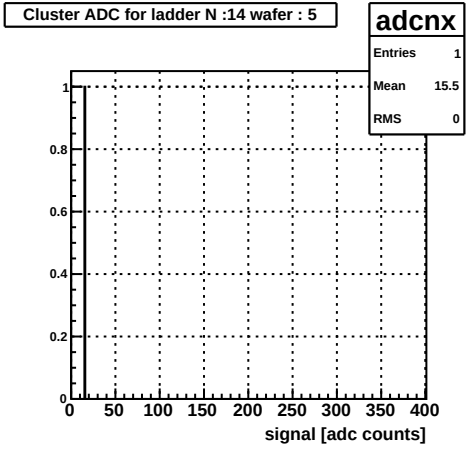

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7325
Mean 39.46
RMS 37.83
signal [adc counts]

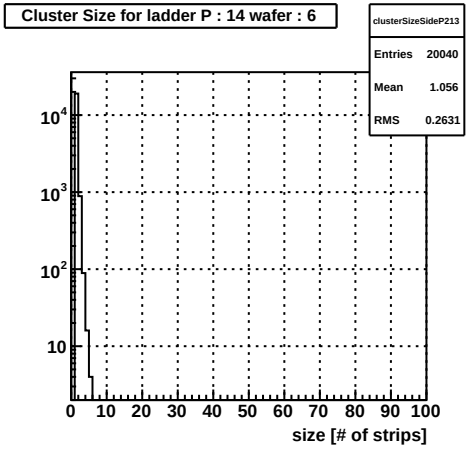

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4244
Mean 1.153
RMS 0.4461
size [# of strips]

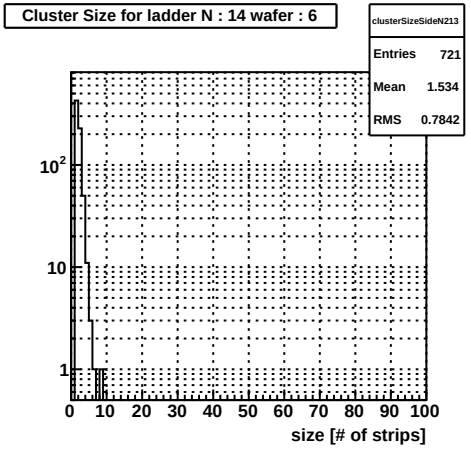

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 1
Mean 1
RMS 0
size [# of strips]

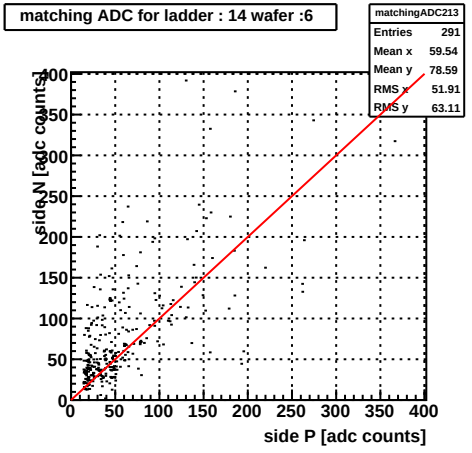

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

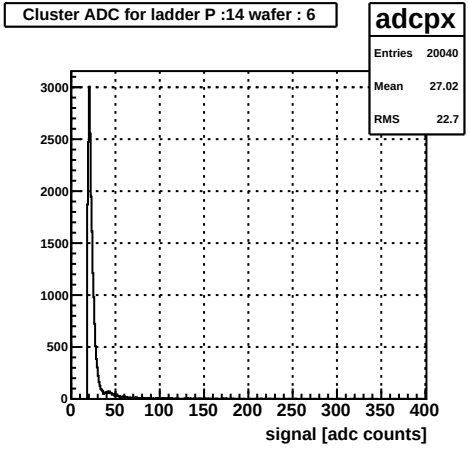

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4244
Mean 46.23
RMS 36.12
signal [adc counts]

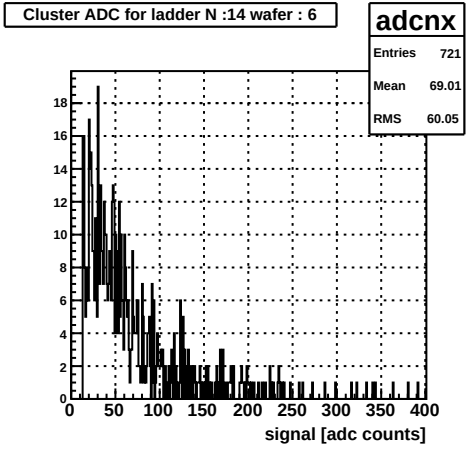

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 1
Mean 15.5
RMS 0
signal [adc counts]

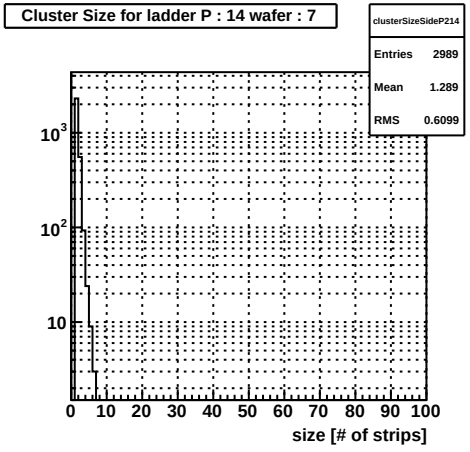

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 20040
Mean 1.056
RMS 0.2631
size [# of strips]

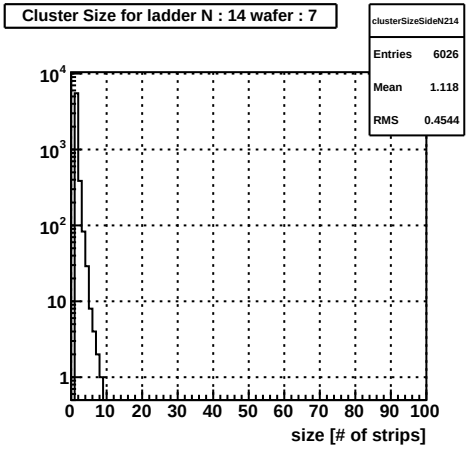

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 721
Mean 1.534
RMS 0.7842
size [# of strips]

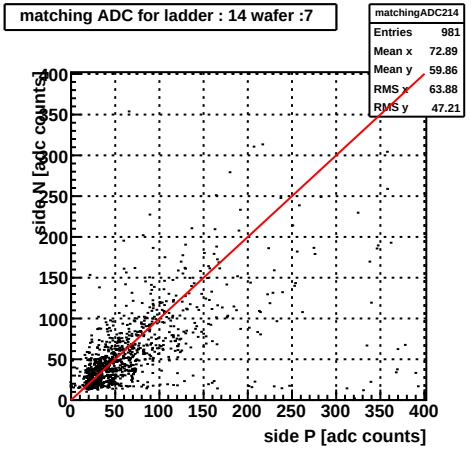

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 291
Mean x 59.54
Mean y 78.59
RMS x 51.91
RMS y 63.11
side N [adc counts]
side P [adc counts]

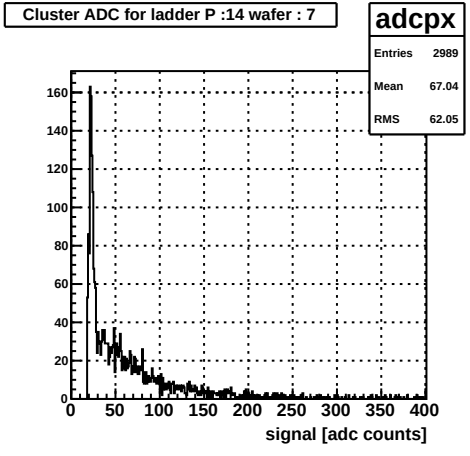

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 20040
Mean 27.02
RMS 22.7
signal [adc counts]

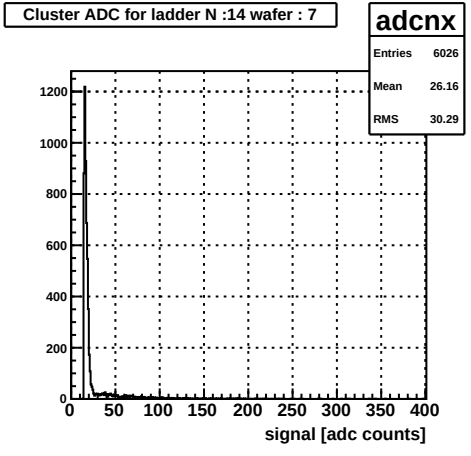

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 721
Mean 69.01
RMS 60.05
signal [adc counts]

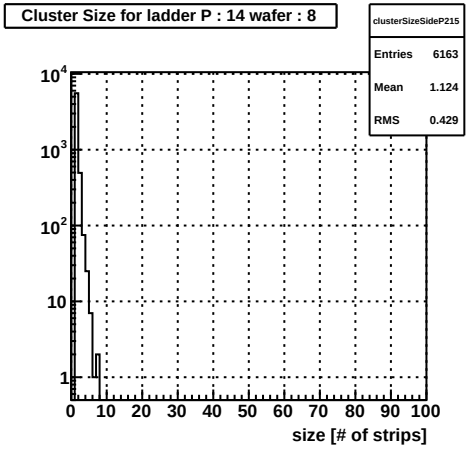

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2989
Mean 1.289
RMS 0.6099
size [# of strips]

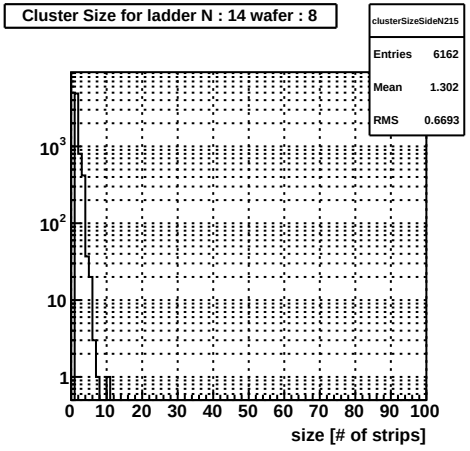

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6026
Mean 1.118
RMS 0.4544
size [# of strips]

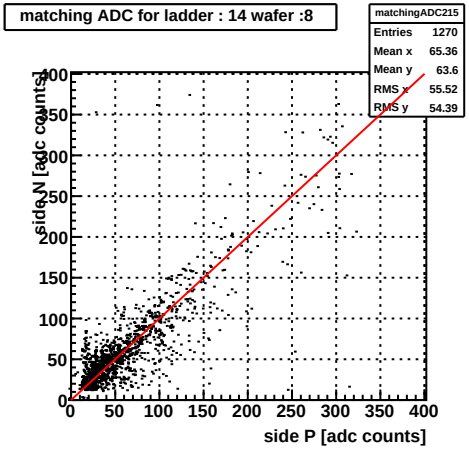

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 981
Mean x 72.89
Mean y 59.86
RMS x 63.88
RMS y 47.21
side N [adc counts]
side P [adc counts]

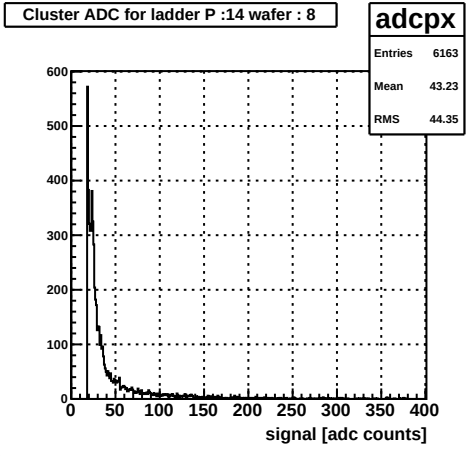

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2989
Mean 67.04
RMS 62.05
signal [adc counts]

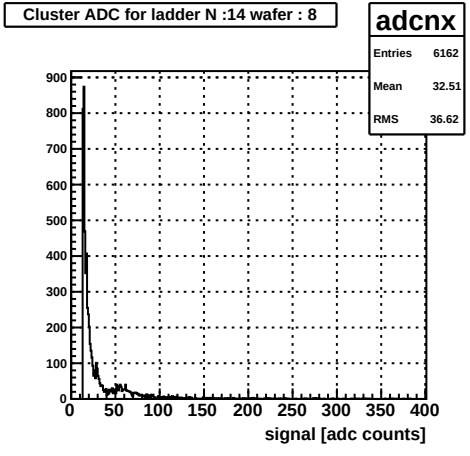

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6026
Mean 26.16
RMS 30.29
signal [adc counts]

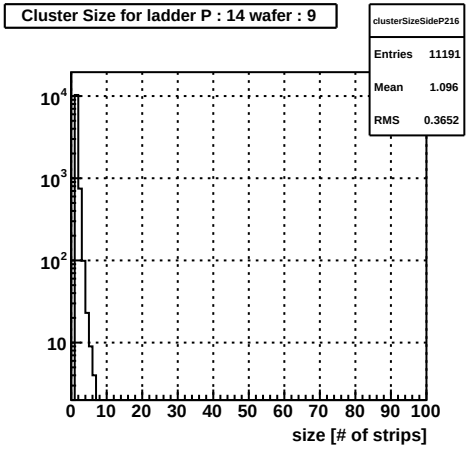

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6163
Mean 1.124
RMS 0.429
size [# of strips]

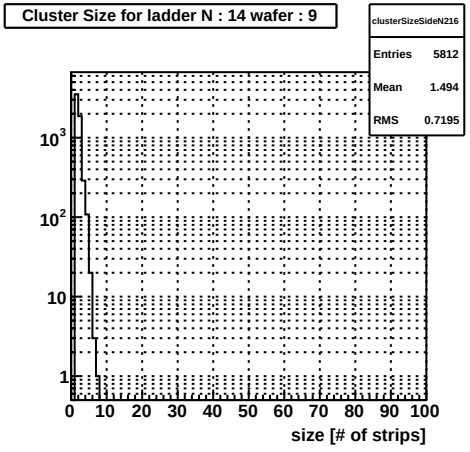

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6162
Mean 1.302
RMS 0.6693
size [# of strips]

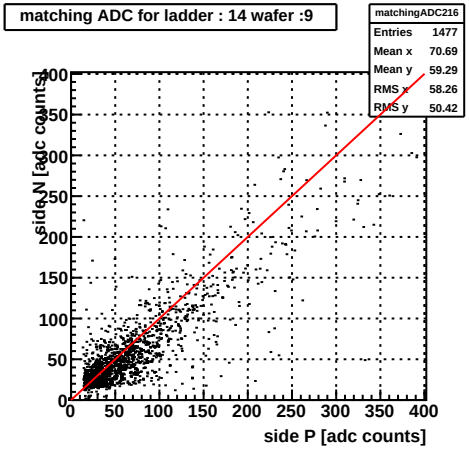

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1270
Mean x 65.36
Mean y 63.6
RMS x 55.52
RMS y 54.39
side N [adc counts]
side P [adc counts]

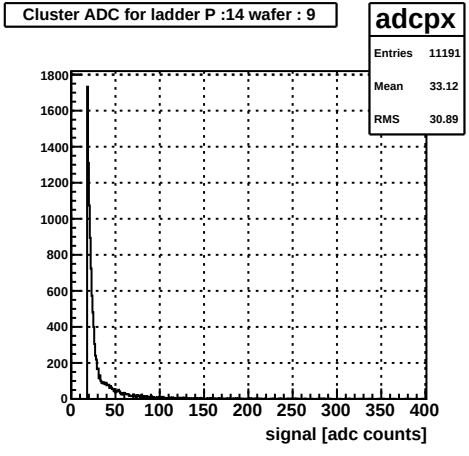

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6163
Mean 43.23
RMS 44.35
signal [adc counts]

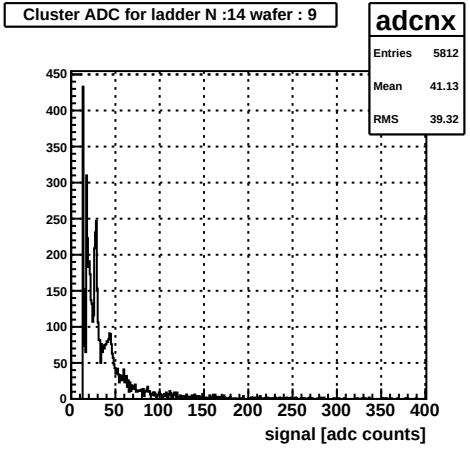

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6162
Mean 32.51
RMS 36.62
signal [adc counts]

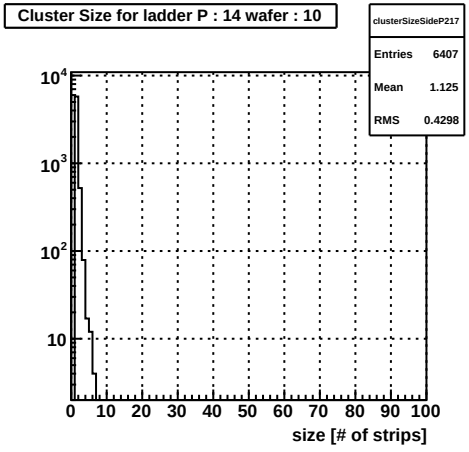

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11191
Mean 1.096
RMS 0.3652
size [# of strips]

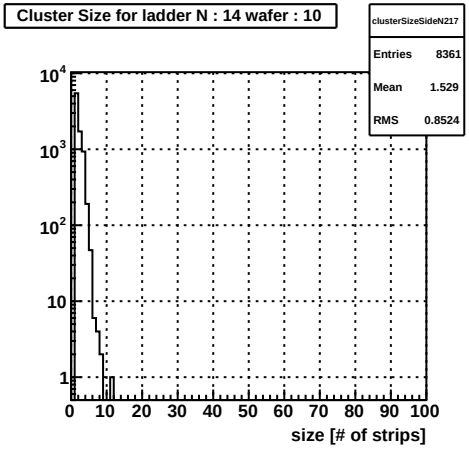

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5812
Mean 1.494
RMS 0.7195
size [# of strips]

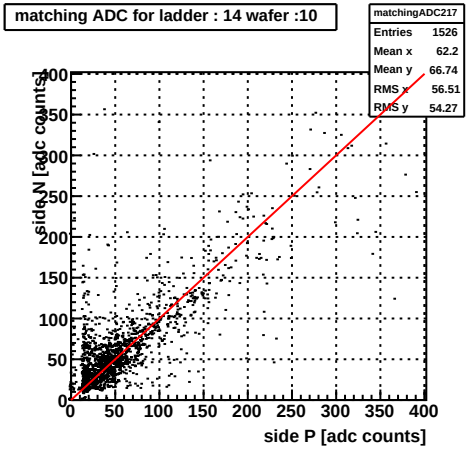

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1477
Mean x 70.69
Mean y 59.29
RMS x 58.26
RMS y 50.42
side N [adc counts]
side P [adc counts]

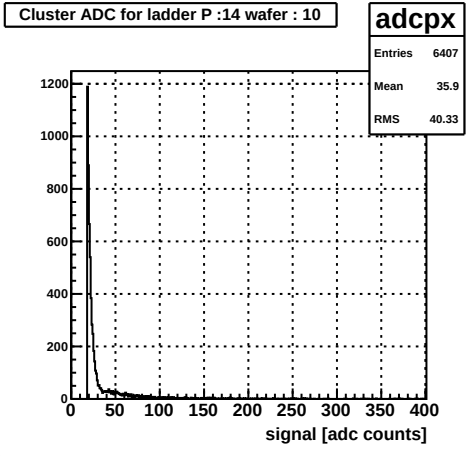

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11191
Mean 33.12
RMS 30.89
signal [adc counts]

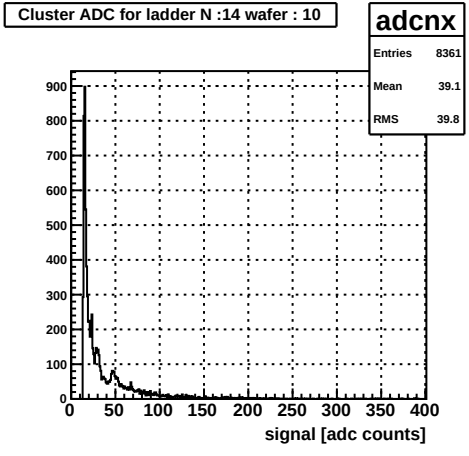

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5812
Mean 41.13
RMS 39.32
signal [adc counts]

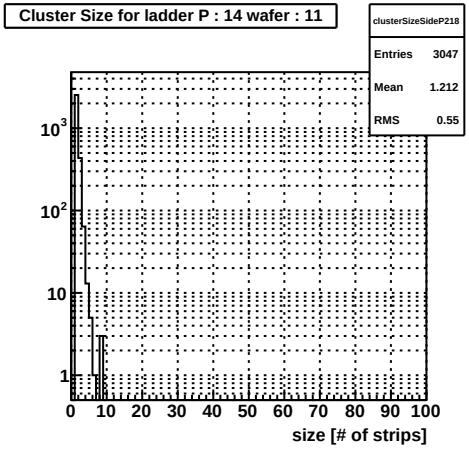

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6407
Mean 1.125
RMS 0.4298
size [# of strips]

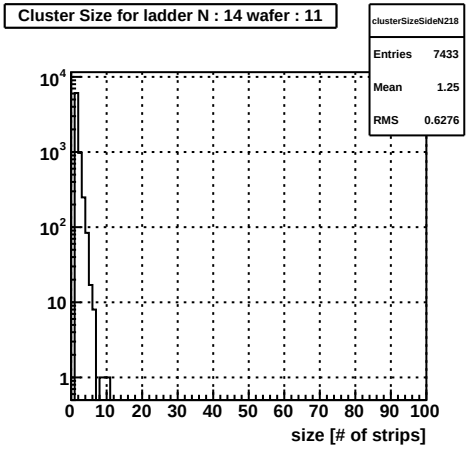

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8361
Mean 1.529
RMS 0.8524
size [# of strips]

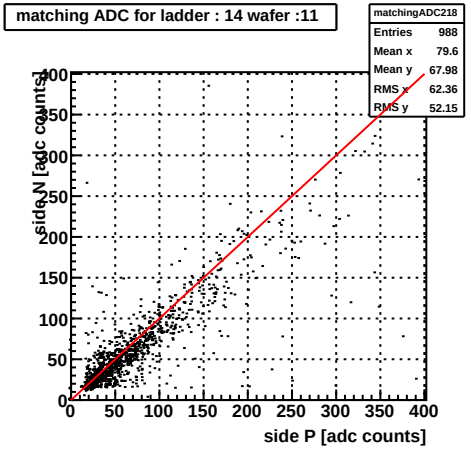

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1526
Mean x 62.2
Mean y 66.74
RMS x 56.51
RMS y 54.27
side N [adc counts]
side P [adc counts]

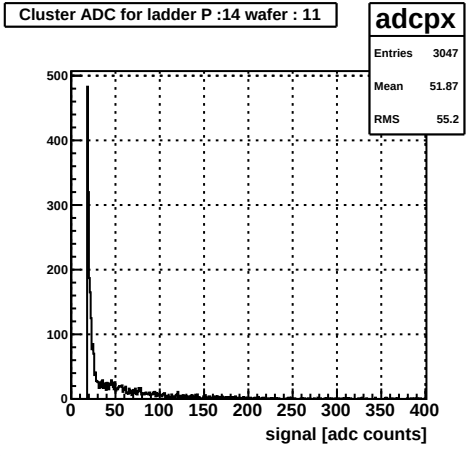

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6407
Mean 35.9
RMS 40.33
signal [adc counts]

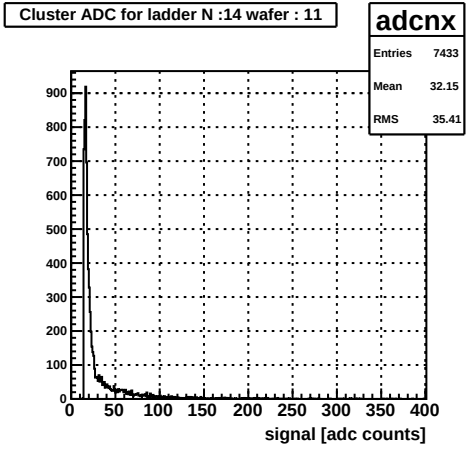

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8361
Mean 39.1
RMS 39.8
signal [adc counts]

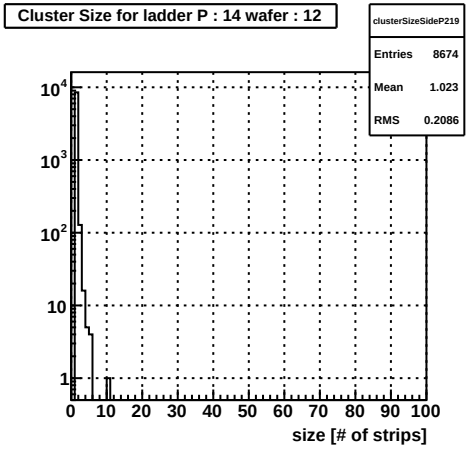

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3047
Mean 1.212
RMS 0.55
size [# of strips]

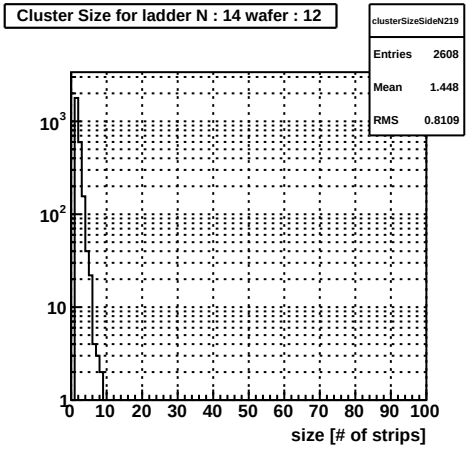

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7433
Mean 1.25
RMS 0.6276
size [# of strips]

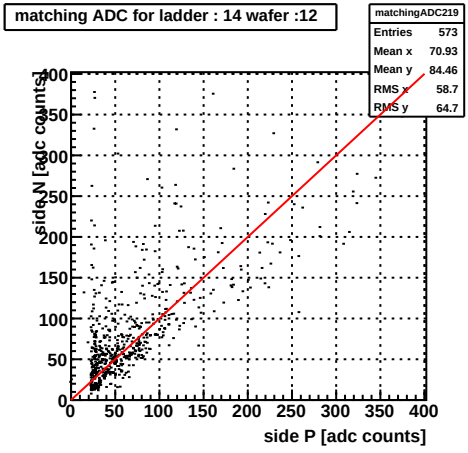

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 988
Mean x 79.6
Mean y 67.98
RMS x 62.36
RMS y 52.15
side N [adc counts]
side P [adc counts]

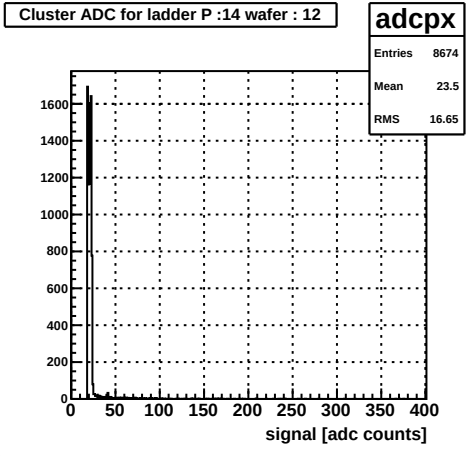

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3047
Mean 51.87
RMS 55.2
signal [adc counts]

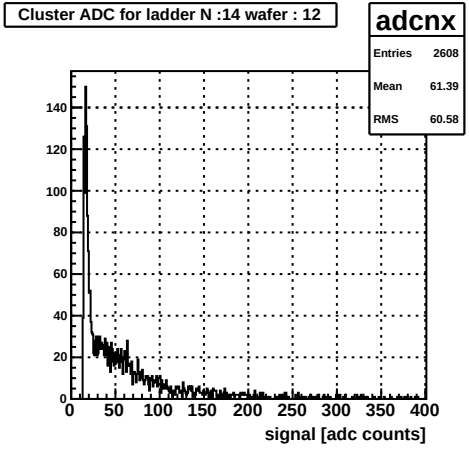

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7433
Mean 32.15
RMS 35.41
signal [adc counts]

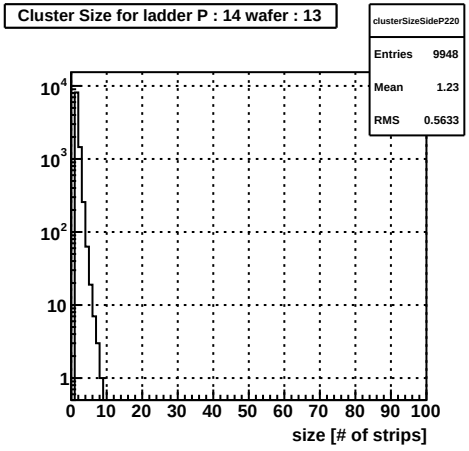

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 8674
Mean 1.023
RMS 0.2086
size [# of strips]

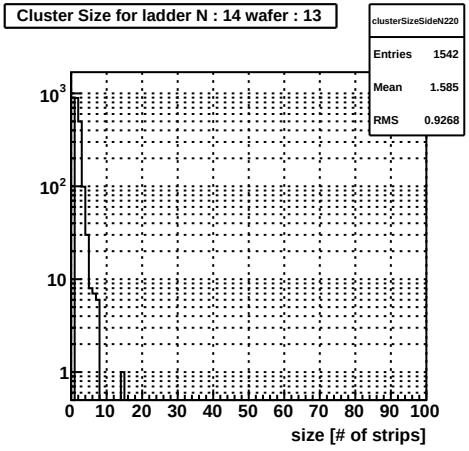

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2608
Mean 1.448
RMS 0.8109
size [# of strips]

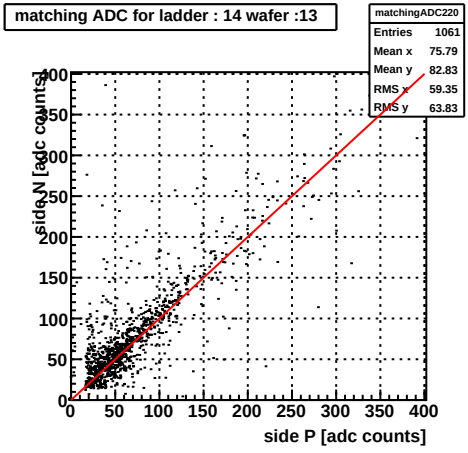

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 573
Mean x 70.93
Mean y 84.46
RMS x 58.7
RMS y 64.7
side N [adc counts]
side P [adc counts]

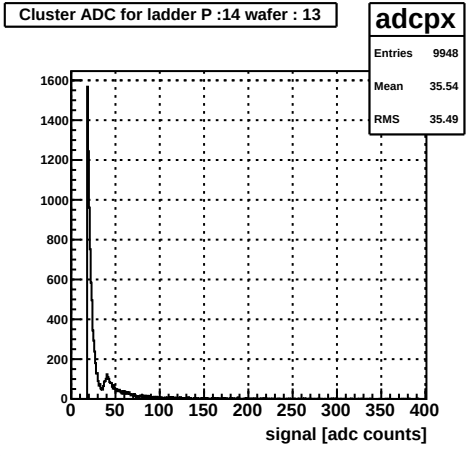

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 8674
Mean 23.5
RMS 16.65
signal [adc counts]

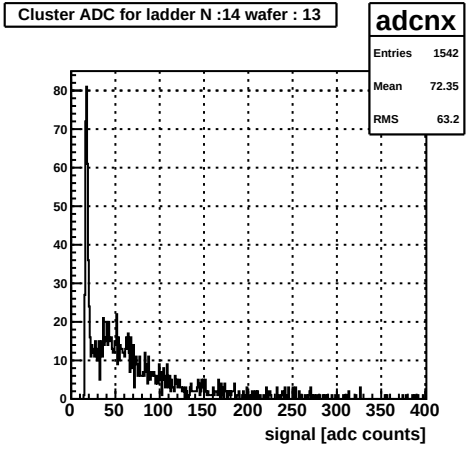

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2608
Mean 61.39
RMS 60.58
signal [adc counts]

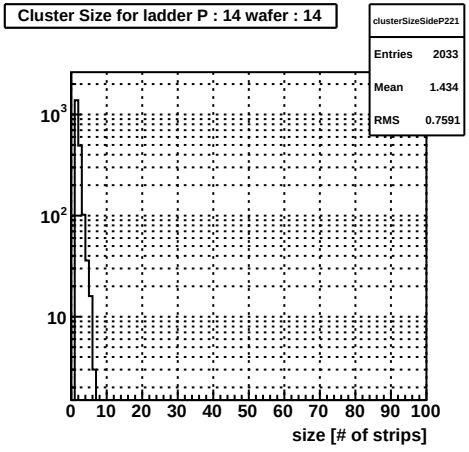

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9948
Mean 1.23
RMS 0.5633
size [# of strips]

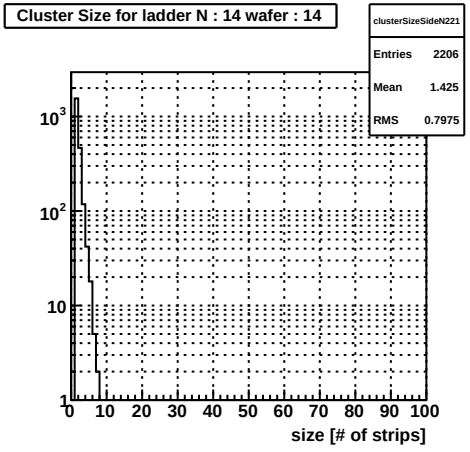

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1542
Mean 1.585
RMS 0.9268
size [# of strips]

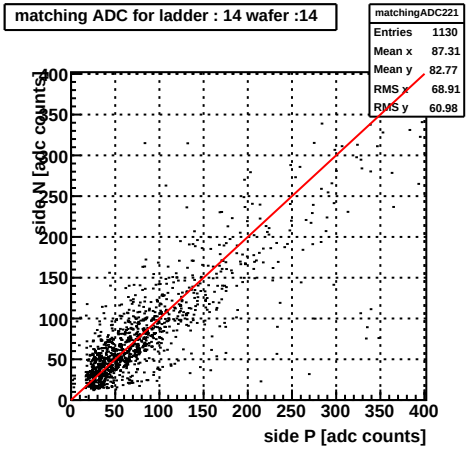

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1061
Mean x 75.79
Mean y 82.83
RMS x 59.35
RMS y 63.83
side N [adc counts]
side P [adc counts]

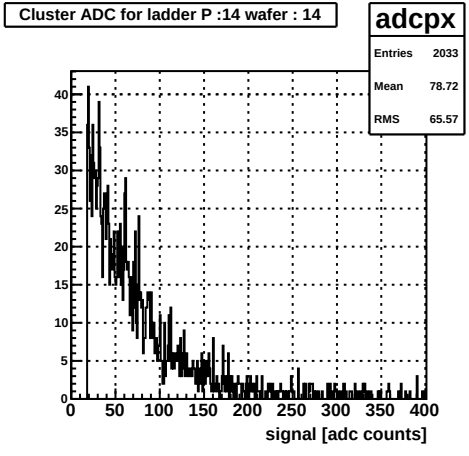

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9948
Mean 35.54
RMS 35.49
signal [adc counts]

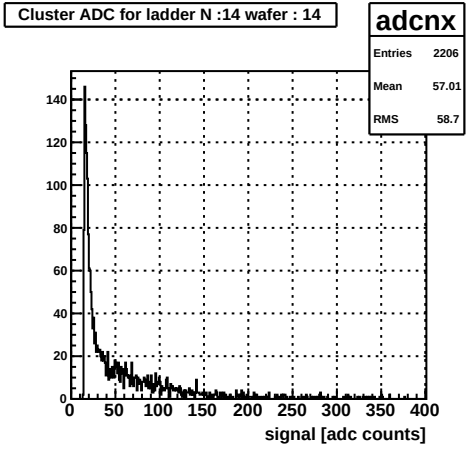

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1542
Mean 72.35
RMS 63.2
signal [adc counts]

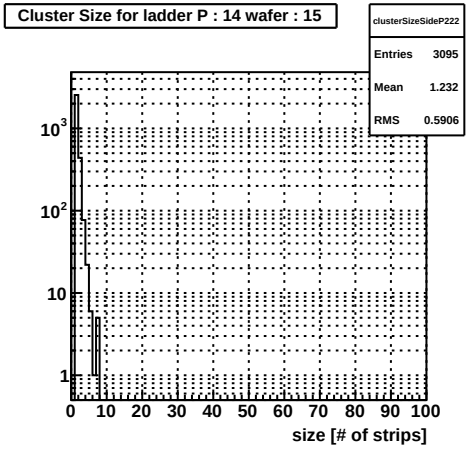

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 2033
Mean 1.434
RMS 0.7591
size [# of strips]

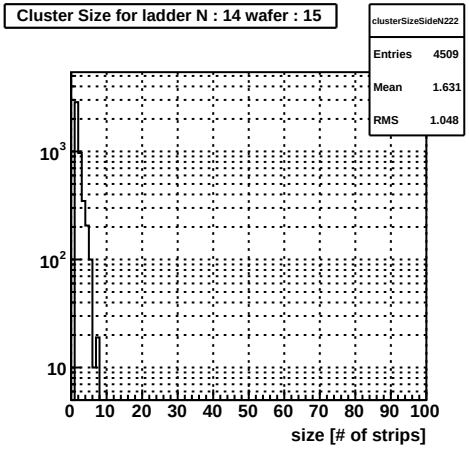

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2206
Mean 1.425
RMS 0.7975
size [# of strips]

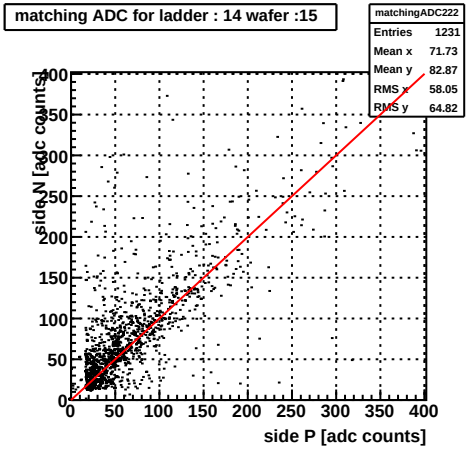

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1130
Mean x 87.31
Mean y 82.77
RMS x 68.91
RMS y 60.98
side N [adc counts]
side P [adc counts]

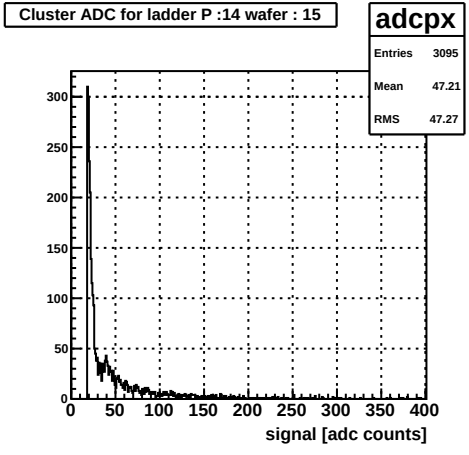

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 2033
Mean 78.72
RMS 65.57
signal [adc counts]

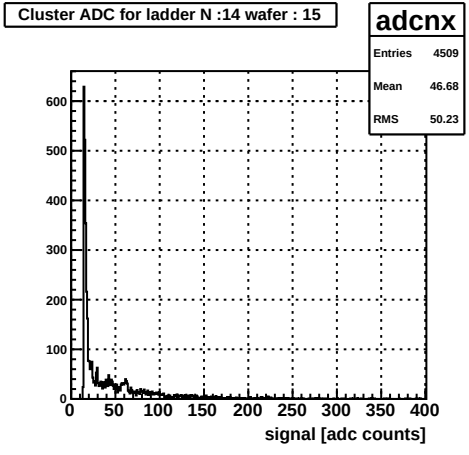

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2206
Mean 57.01
RMS 58.7
signal [adc counts]

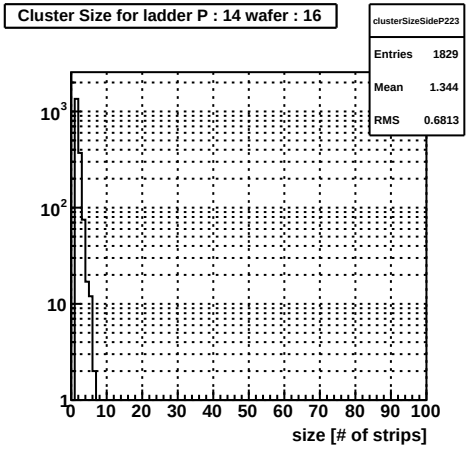

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3095
Mean 1.232
RMS 0.5906
size [# of strips]

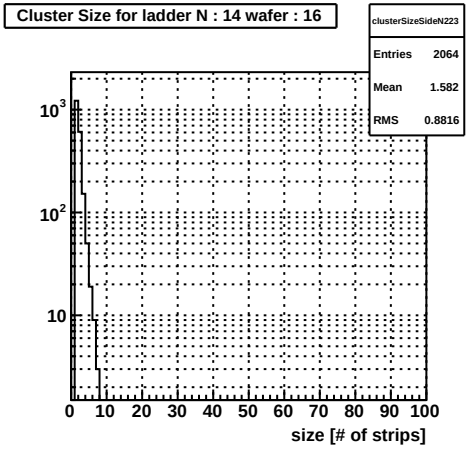

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4509
Mean 1.631
RMS 1.048
size [# of strips]

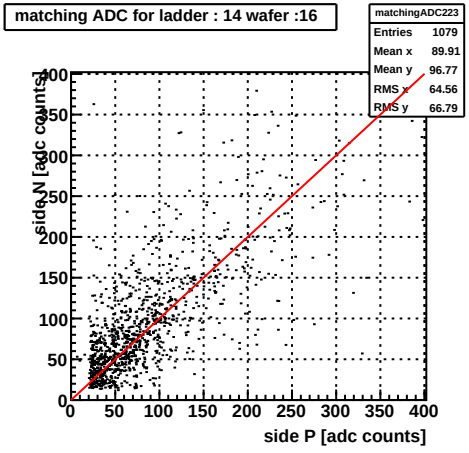

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1231
Mean x 71.73
Mean y 82.87
RMS x 58.05
RMS y 64.82
side N [adc counts]
side P [adc counts]

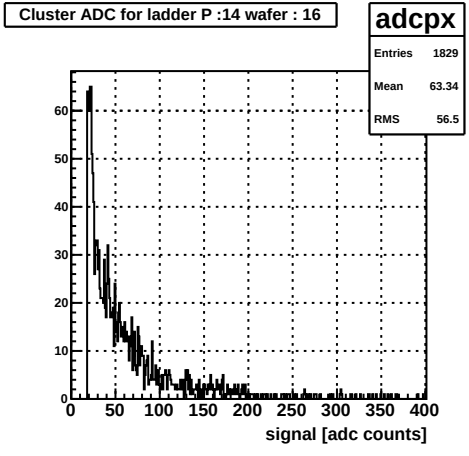

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3095
Mean 47.21
RMS 47.27
signal [adc counts]

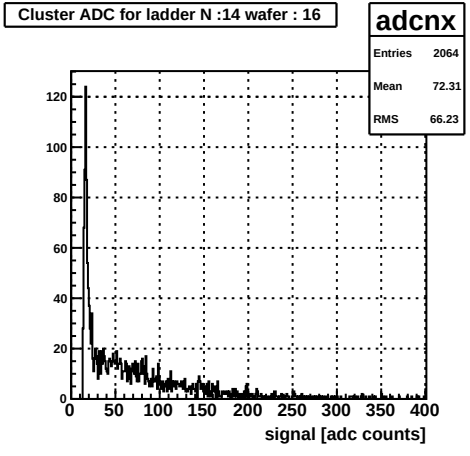

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4509
Mean 46.68
RMS 50.23
signal [adc counts]

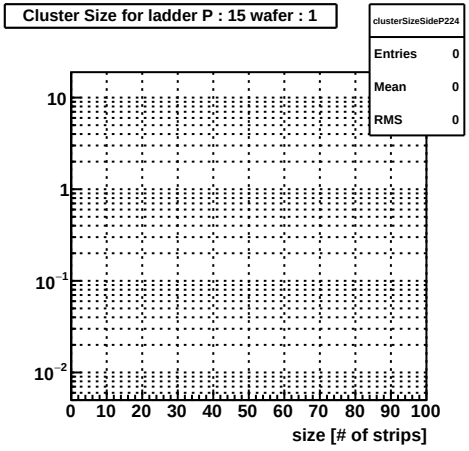

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1829
Mean 1.344
RMS 0.6813
size [# of strips]

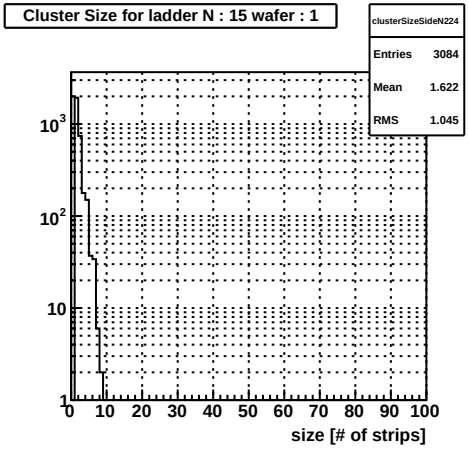

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2064
Mean 1.582
RMS 0.8816
size [# of strips]

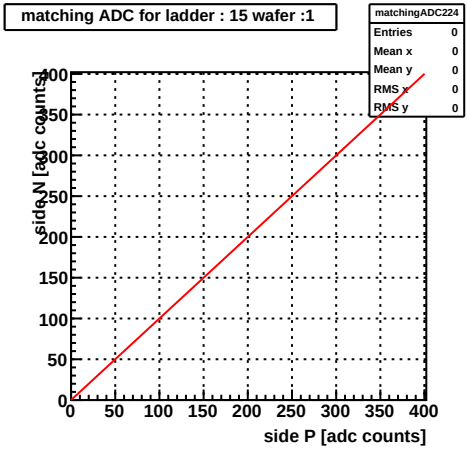

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1079
Mean x 89.91
Mean y 96.77
RMS x 64.56
RMS y 66.79
side N [adc counts]
side P [adc counts]

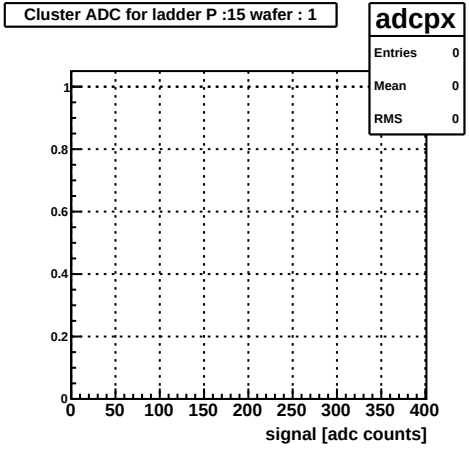

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1829
Mean 63.34
RMS 56.5
signal [adc counts]

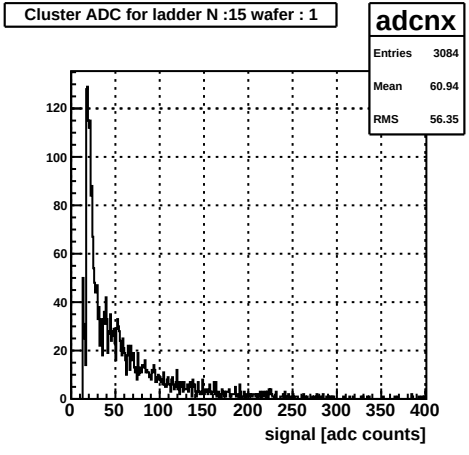

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2064
Mean 72.31
RMS 66.23
signal [adc counts]

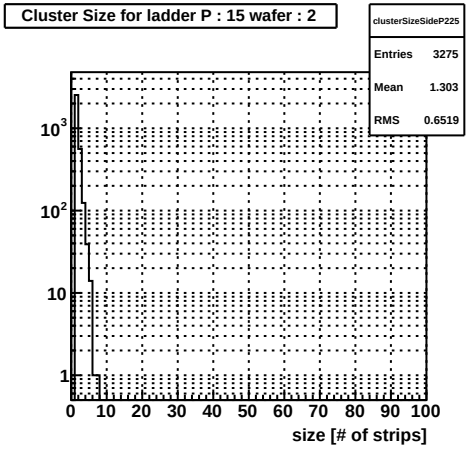

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

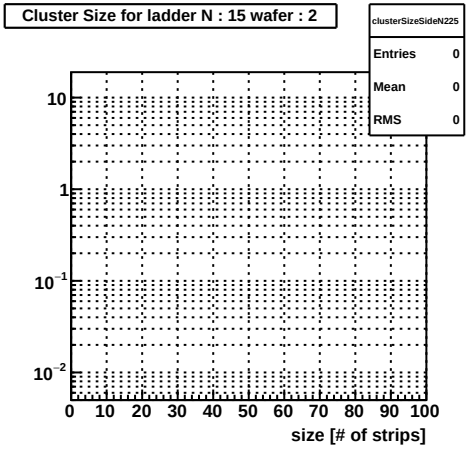

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3084
Mean 1.622
RMS 1.045
size [# of strips]

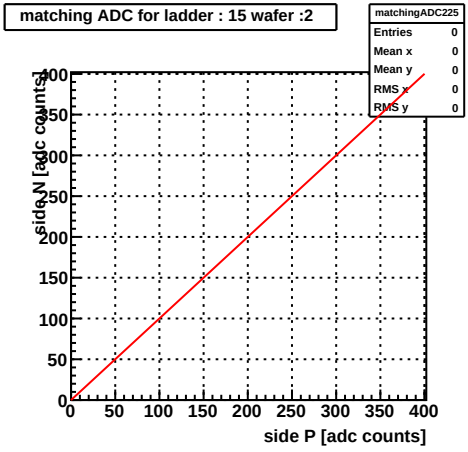

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

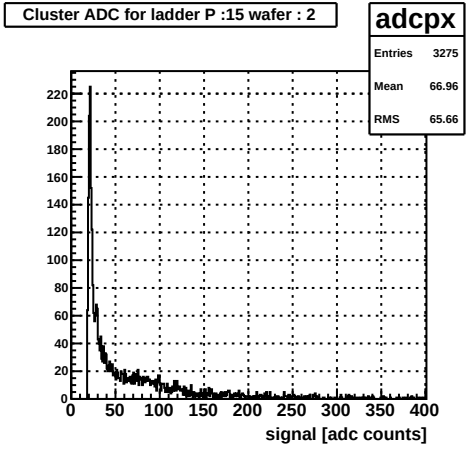

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

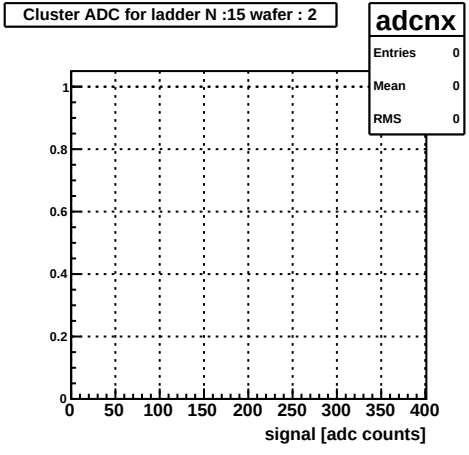

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3084
Mean 60.94
RMS 56.35
signal [adc counts]

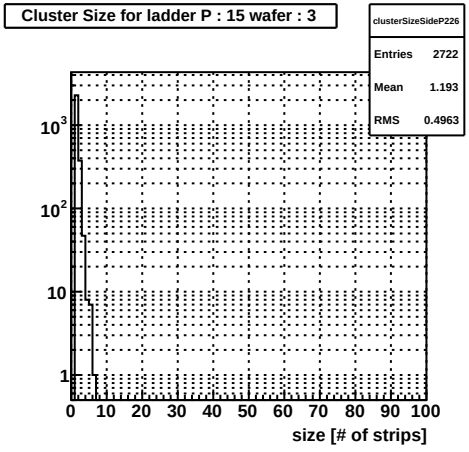

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3275
Mean 1.303
RMS 0.6519
size [# of strips]

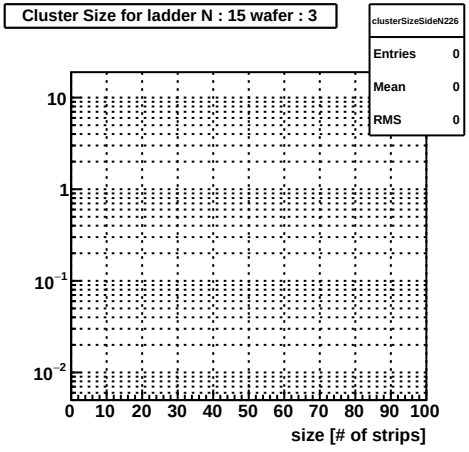

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

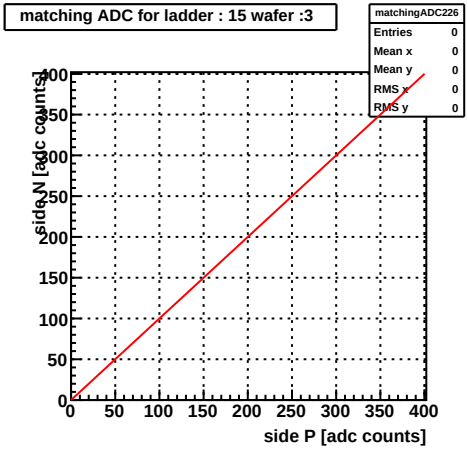

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

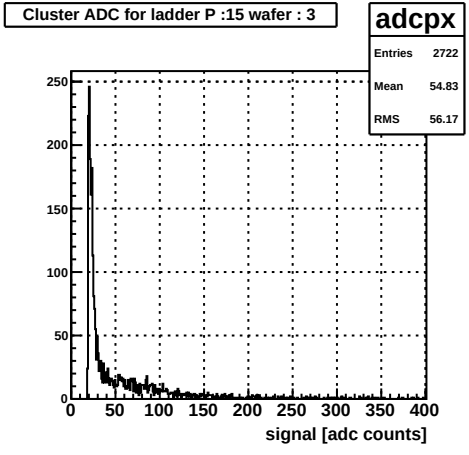

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3275
Mean 66.96
RMS 65.66
signal [adc counts]

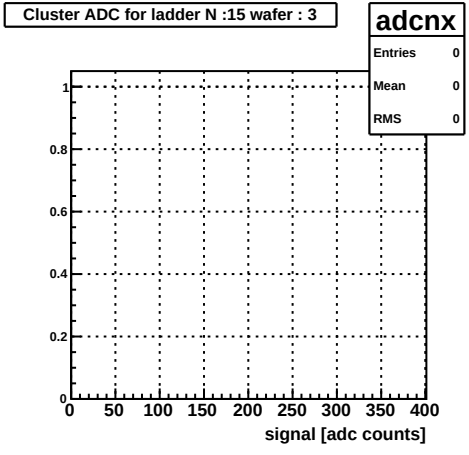

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

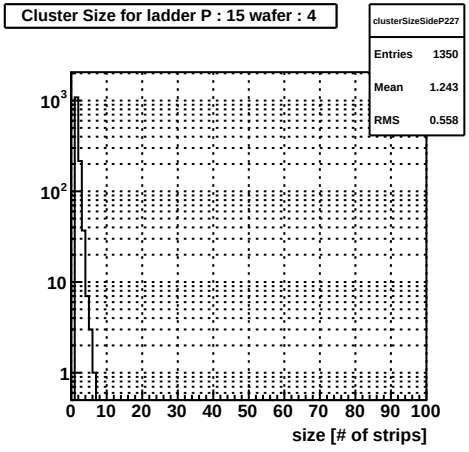

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2722
Mean 1.193
RMS 0.4963
size [# of strips]

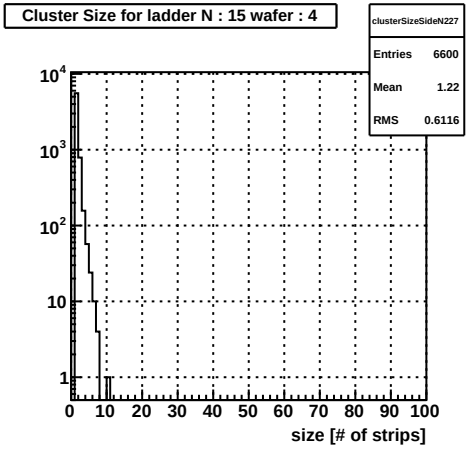

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

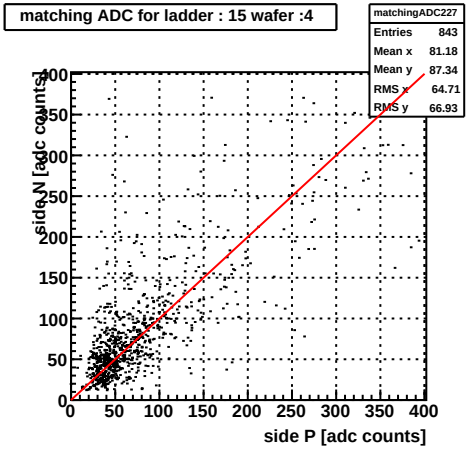

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

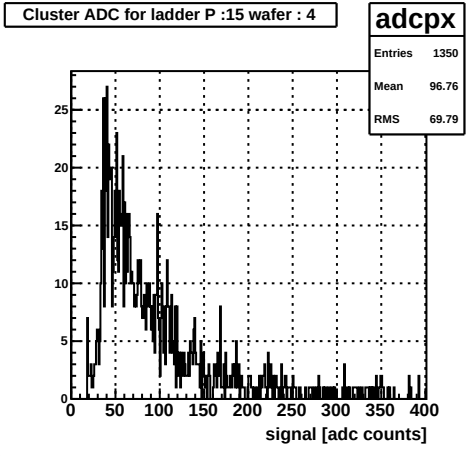

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2722
Mean 54.83
RMS 56.17
signal [adc counts]

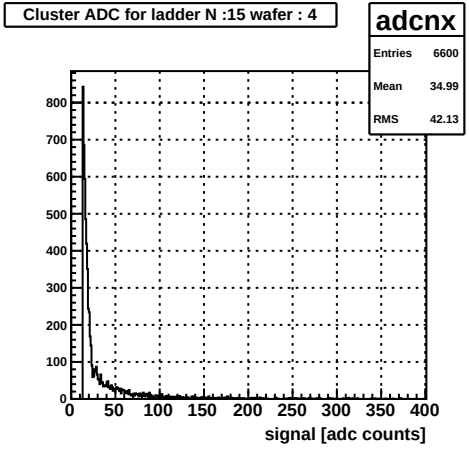

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

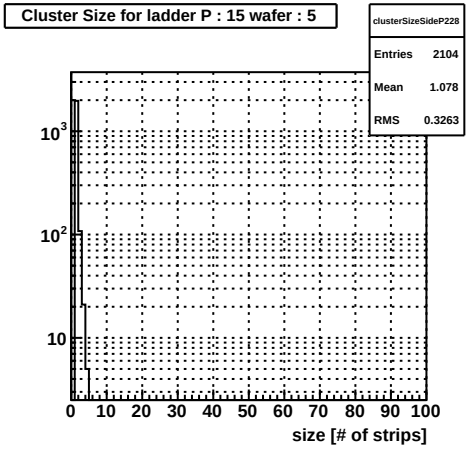

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1350
Mean 1.243
RMS 0.558
size [# of strips]

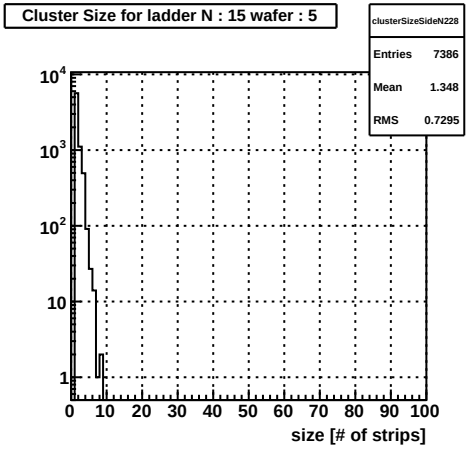

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6600
Mean 1.22
RMS 0.6116
size [# of strips]

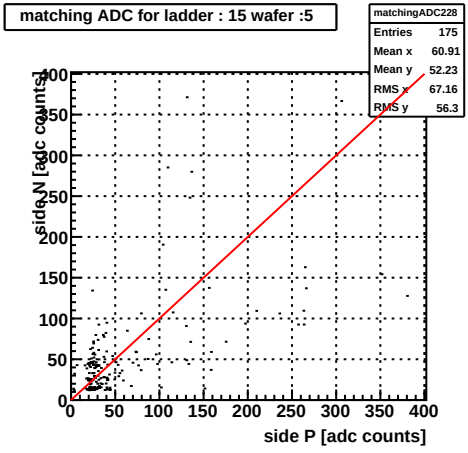

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 843
Mean x 81.18
Mean y 87.34
RMS x 64.71
RMS y 66.93
side N [adc counts]
side P [adc counts]

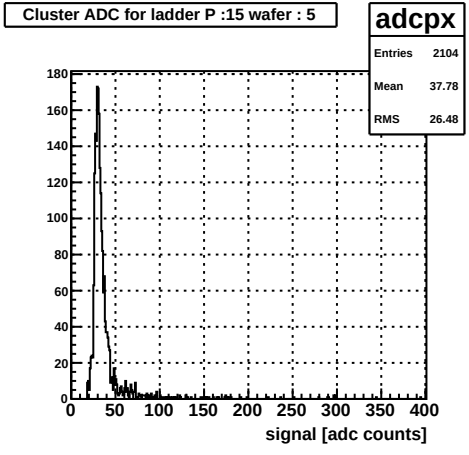

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1350
Mean 96.76
RMS 69.79
signal [adc counts]

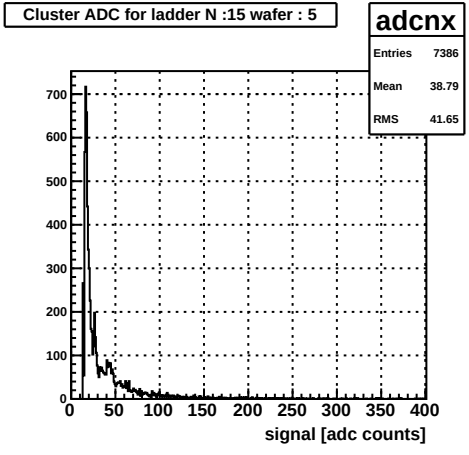

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6600
Mean 34.99
RMS 42.13
signal [adc counts]

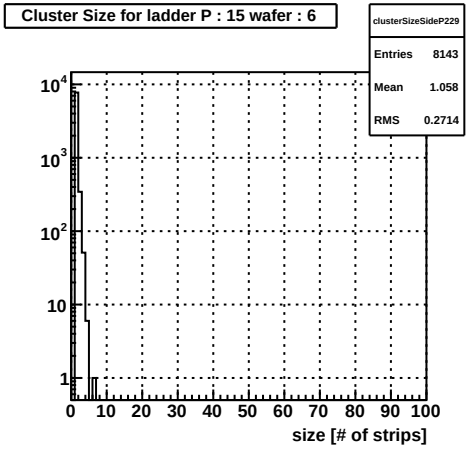

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2104
Mean 1.078
RMS 0.3263
size [# of strips]

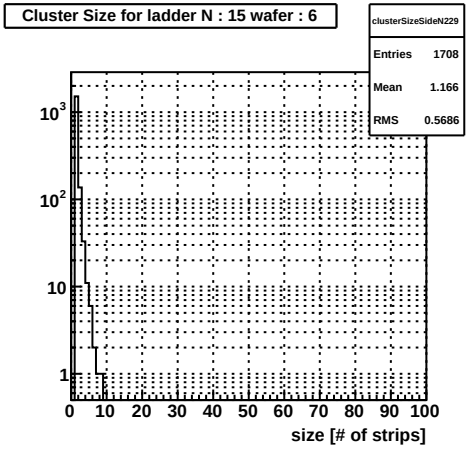

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 7386
Mean 1.348
RMS 0.7295
size [# of strips]

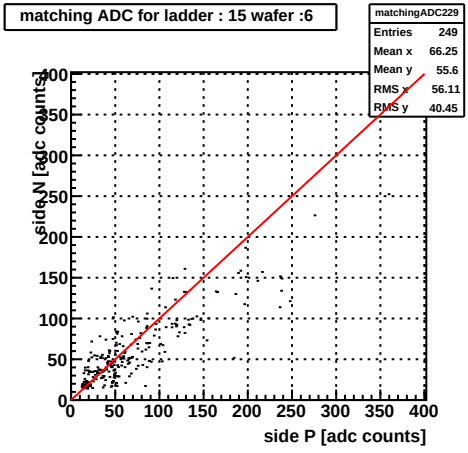

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 175
Mean x 60.91
Mean y 52.23
RMS x 67.16
RMS y 56.3
side N [adc counts]
side P [adc counts]

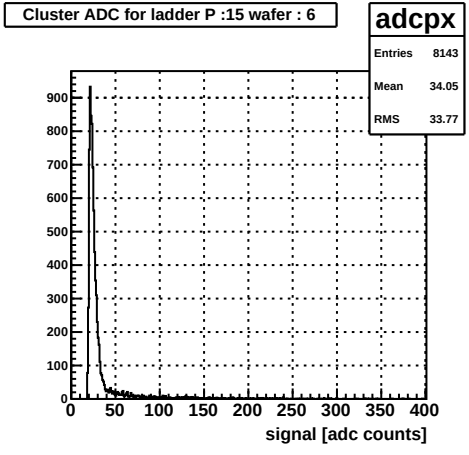

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2104
Mean 37.78
RMS 26.48
signal [adc counts]

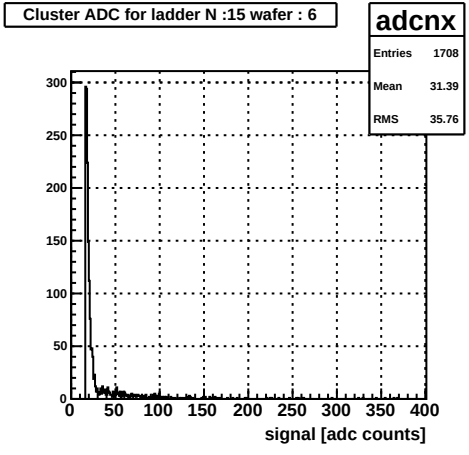

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 7386
Mean 38.79
RMS 41.65
signal [adc counts]

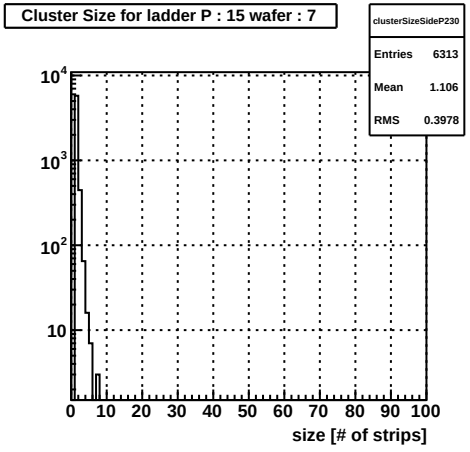

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8143
Mean 1.058
RMS 0.2714
size [# of strips]

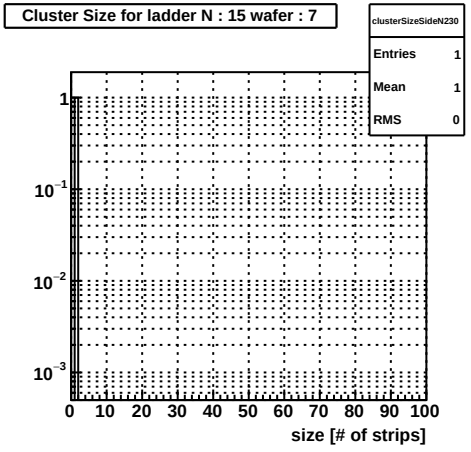

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1708
Mean 1.166
RMS 0.5686
size [# of strips]

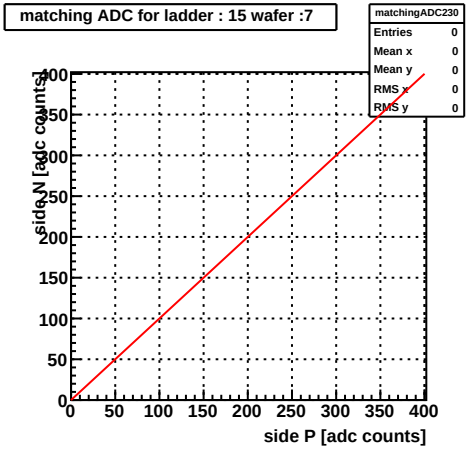

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 249
Mean x 66.25
Mean y 55.6
RMS x 56.11
RMS y 40.45
side N [adc counts]
side P [adc counts]

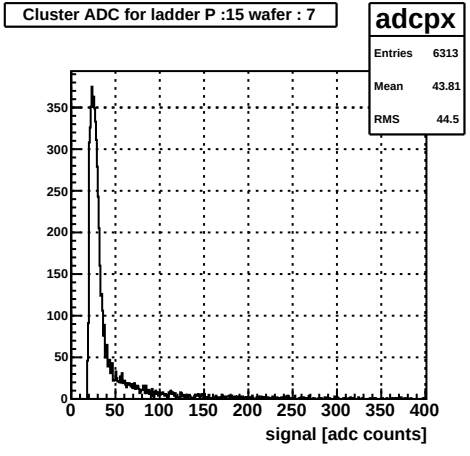

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8143
Mean 34.05
RMS 33.77
signal [adc counts]

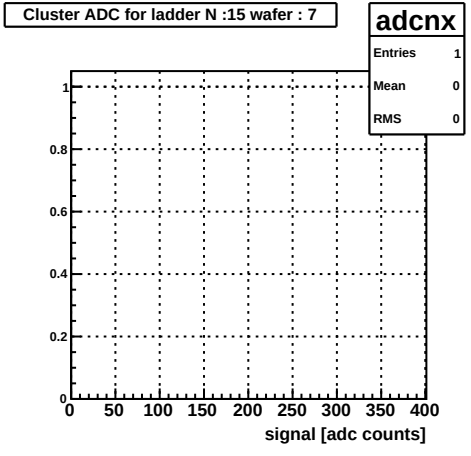

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1708
Mean 31.39
RMS 35.76
signal [adc counts]

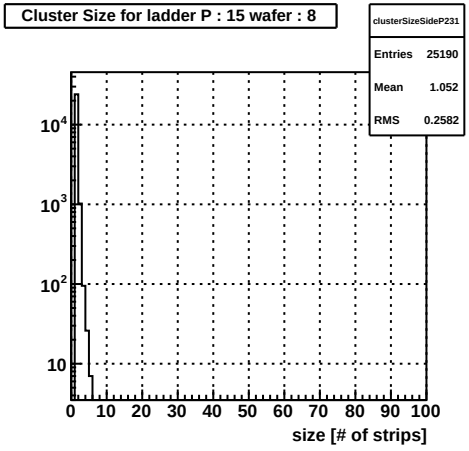

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6313
Mean 1.106
RMS 0.3978
size [# of strips]

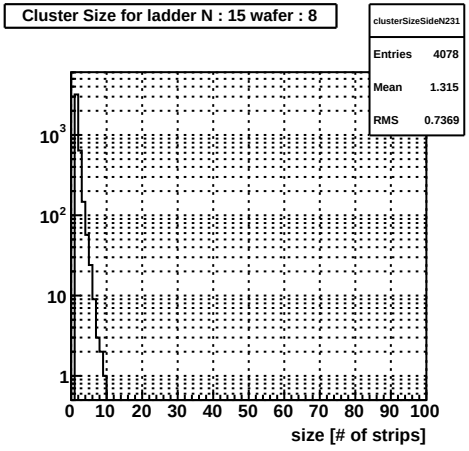

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

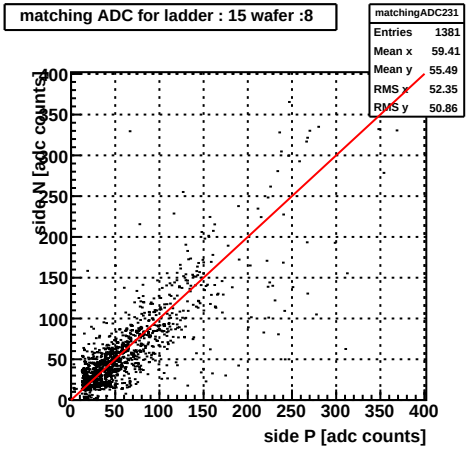

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

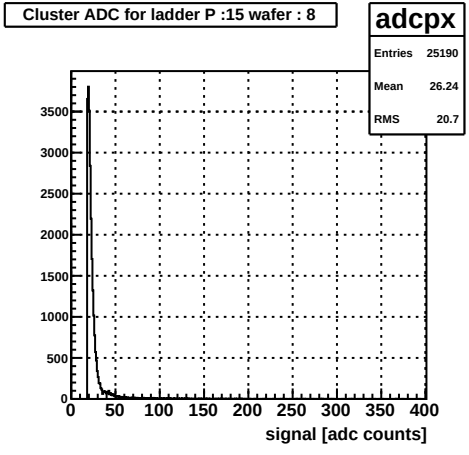

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6313
Mean 43.81
RMS 44.5
signal [adc counts]

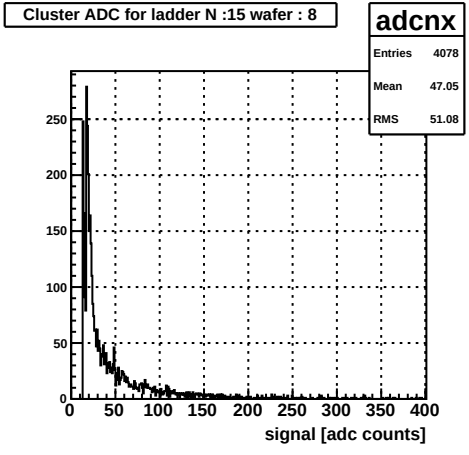

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

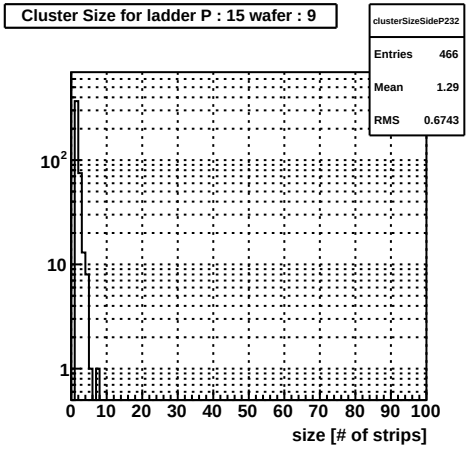

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 25190
Mean 1.052
RMS 0.2582
size [# of strips]

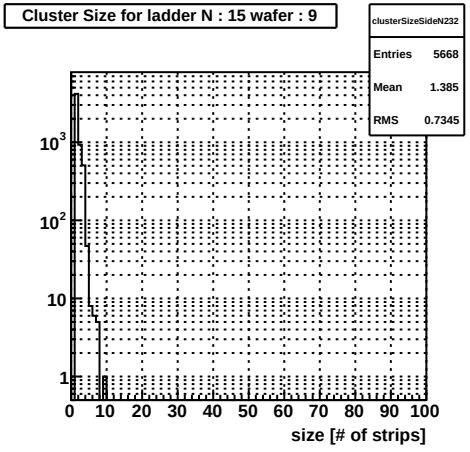

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4078
Mean 1.315
RMS 0.7369
size [# of strips]

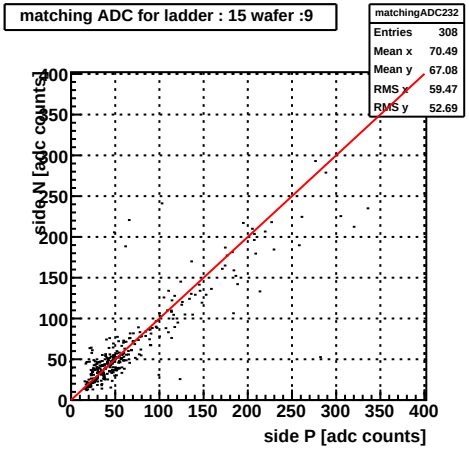

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1381
Mean x 59.41
Mean y 55.49
RMS x 52.35
RMS y 50.86
side N [adc counts]
side P [adc counts]

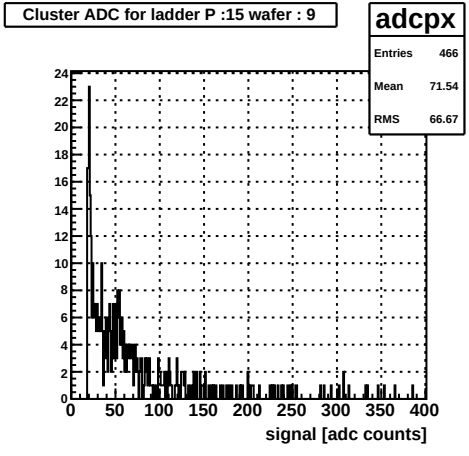

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 25190
Mean 26.24
RMS 20.7
signal [adc counts]

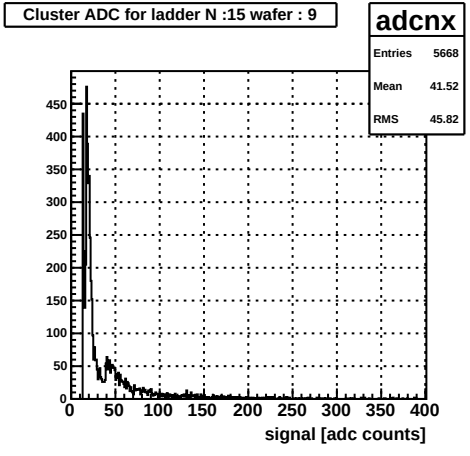

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4078
Mean 47.05
RMS 51.08
signal [adc counts]

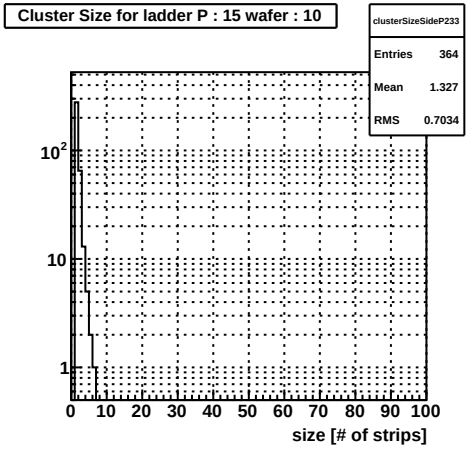

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 466
Mean 1.29
RMS 0.6743
size [# of strips]

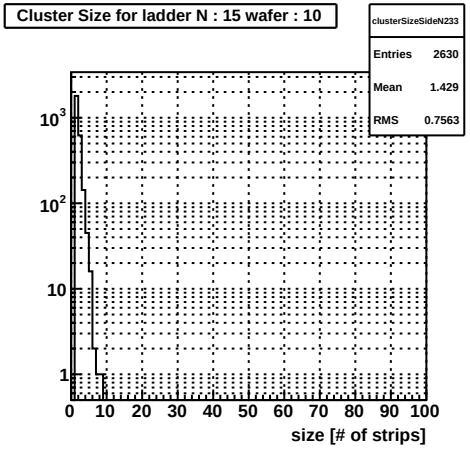

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5668
Mean 1.385
RMS 0.7345
size [# of strips]

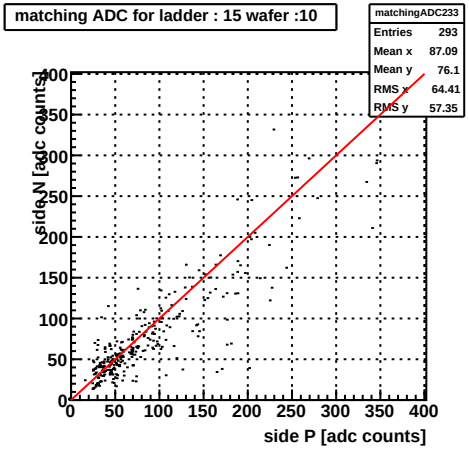

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 308
Mean x 70.49
Mean y 67.08
RMS x 59.47
RMS y 52.69
side N [adc counts]
side P [adc counts]

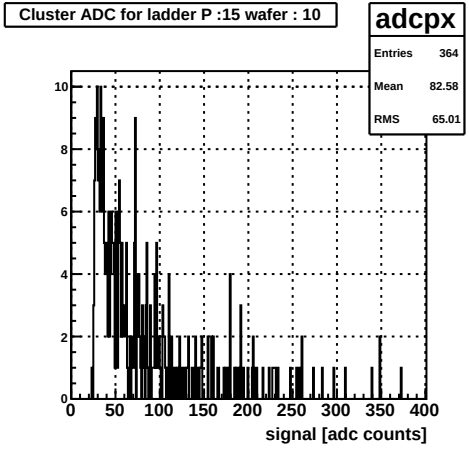

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 466
Mean 71.54
RMS 66.67
signal [adc counts]

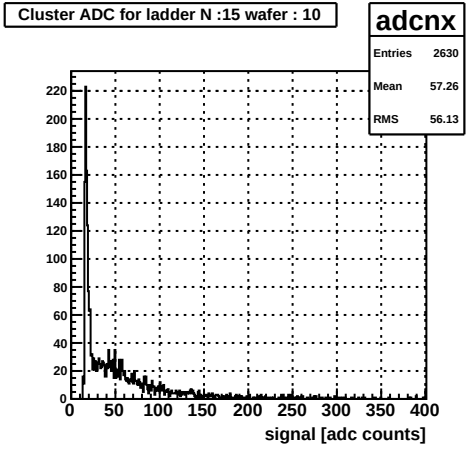

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5668
Mean 41.52
RMS 45.82
signal [adc counts]

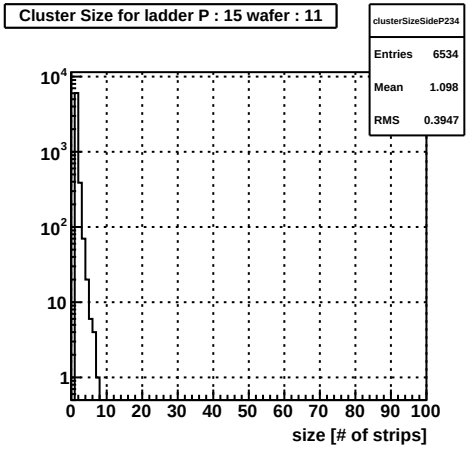

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 364
Mean 1.327
RMS 0.7034
size [# of strips]

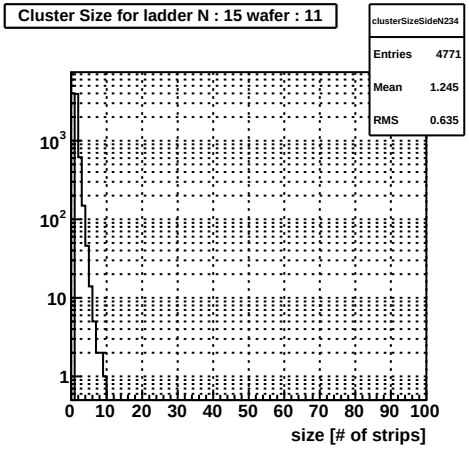

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2630
Mean 1.429
RMS 0.7563
size [# of strips]

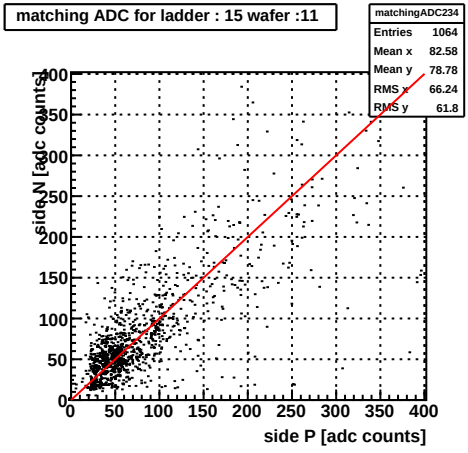

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 293
Mean x 87.09
Mean y 76.1
RMS x 64.41
RMS y 57.35
side N [adc counts]
side P [adc counts]

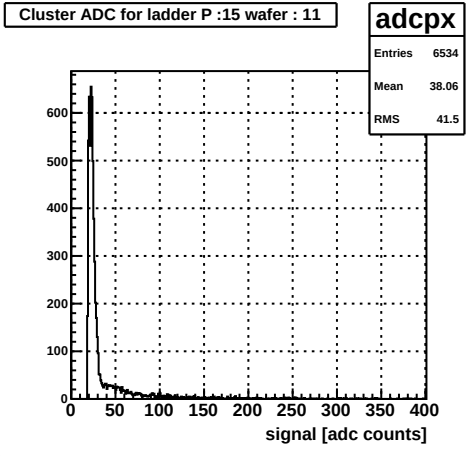

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 364
Mean 82.58
RMS 65.01
signal [adc counts]

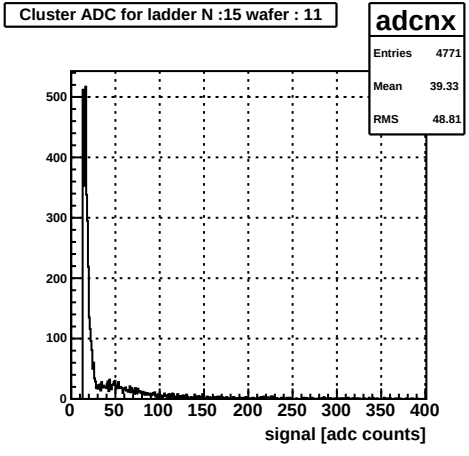

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2630
Mean 57.26
RMS 56.13
signal [adc counts]

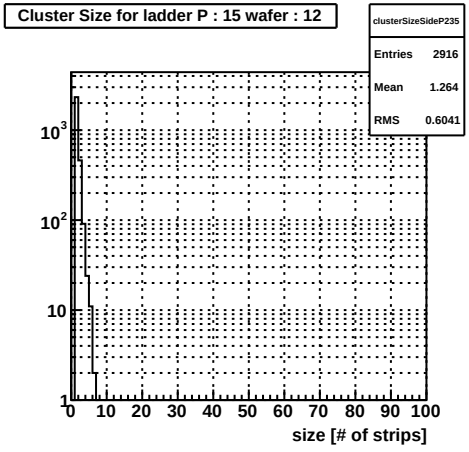

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6534
Mean 1.098
RMS 0.3947
size [# of strips]

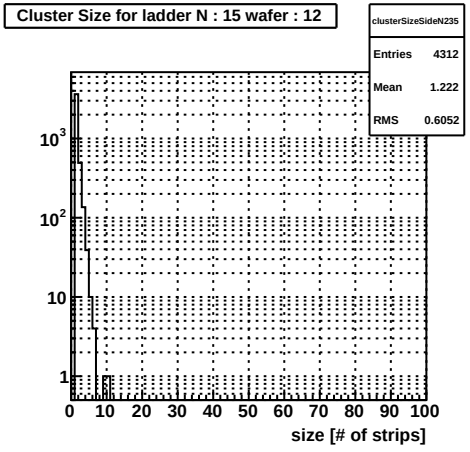

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4771
Mean 1.245
RMS 0.635
size [# of strips]

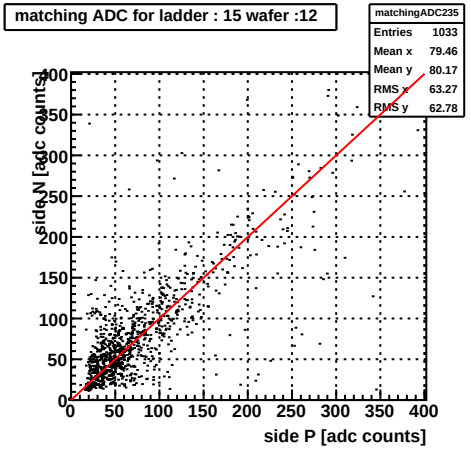

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1064
Mean x 82.58
Mean y 78.78
RMS x 66.24
RMS y 61.8
side N [adc counts]
side P [adc counts]

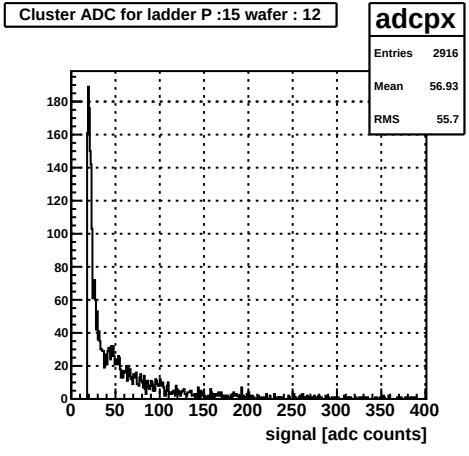

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6534
Mean 38.06
RMS 41.5
signal [adc counts]

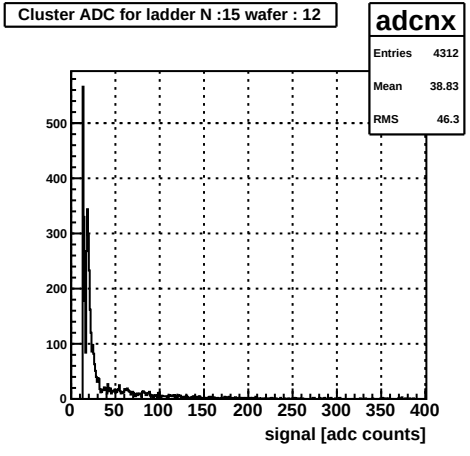

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4771
Mean 39.33
RMS 48.81
signal [adc counts]

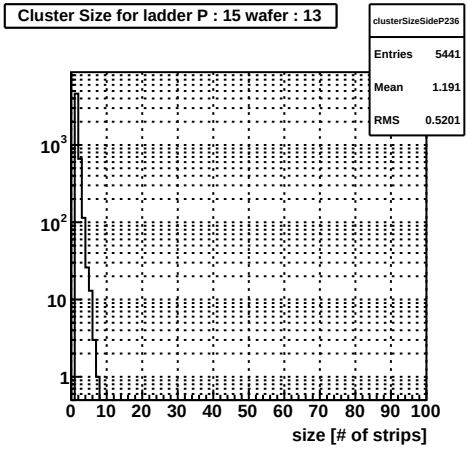

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2916
Mean 1.264
RMS 0.6041
size [# of strips]

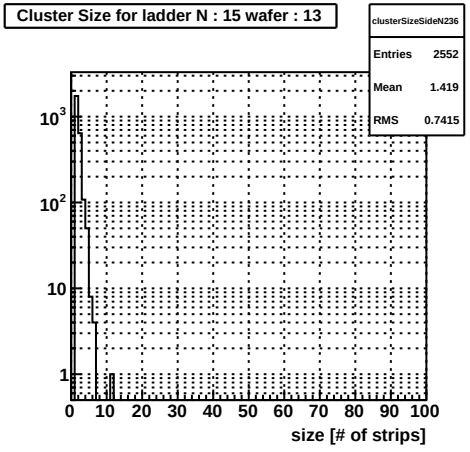

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4312
Mean 1.222
RMS 0.6052
size [# of strips]

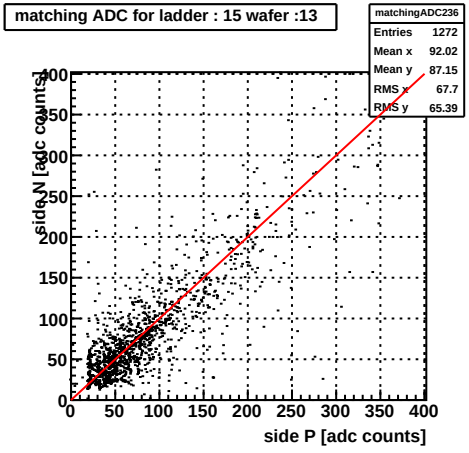

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1033
Mean x 79.46
Mean y 80.17
RMS x 63.27
RMS y 62.78
side N [adc counts]
side P [adc counts]

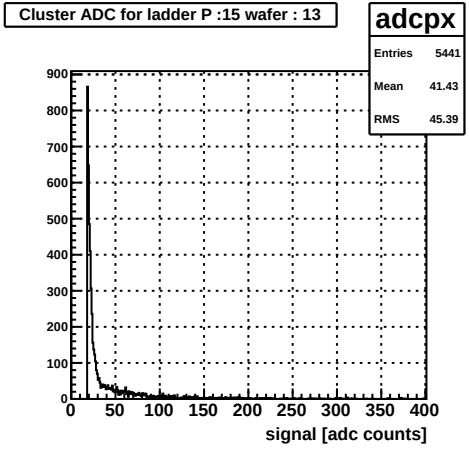

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2916
Mean 56.93
RMS 55.7
signal [adc counts]

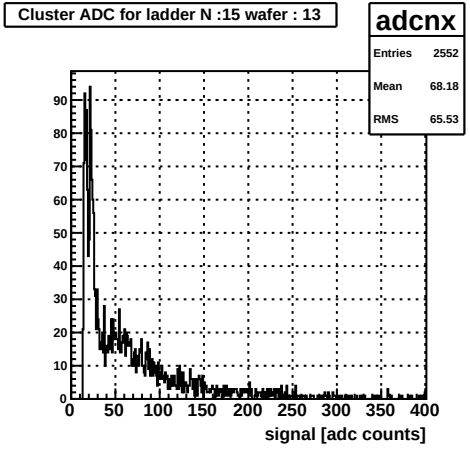

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4312
Mean 38.83
RMS 46.3
signal [adc counts]

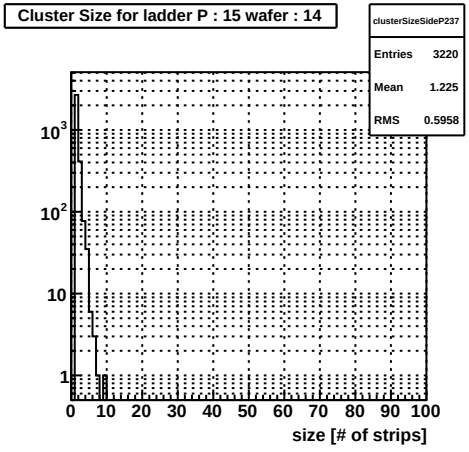

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5441
Mean 1.191
RMS 0.5201
size [# of strips]

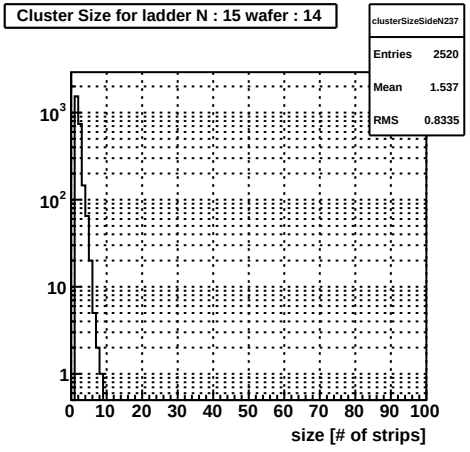

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2552
Mean 1.419
RMS 0.7415
size [# of strips]

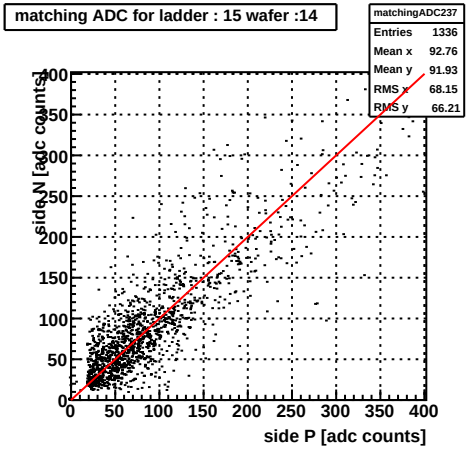

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1272
Mean x 92.02
Mean y 87.15
RMS x 67.7
RMS y 65.39
side N [adc counts]
side P [adc counts]

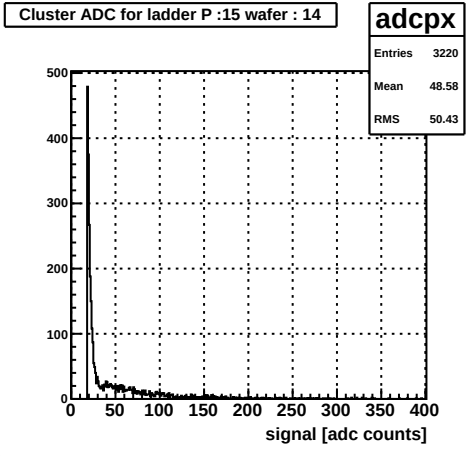

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5441
Mean 41.43
RMS 45.39
signal [adc counts]

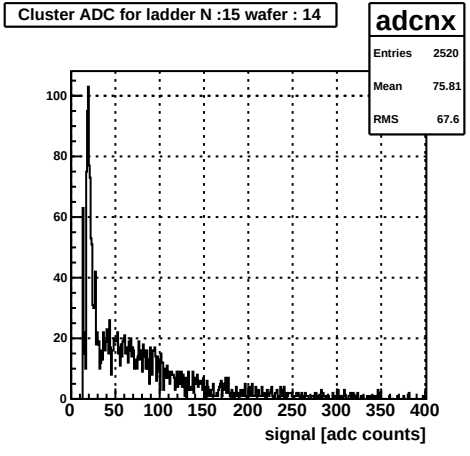

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2552
Mean 68.18
RMS 65.53
signal [adc counts]

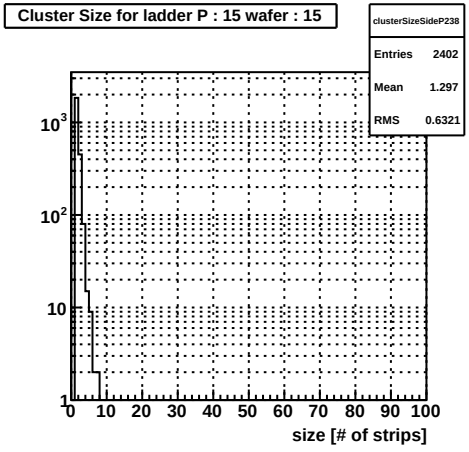

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3220
Mean 1.225
RMS 0.5958
size [# of strips]

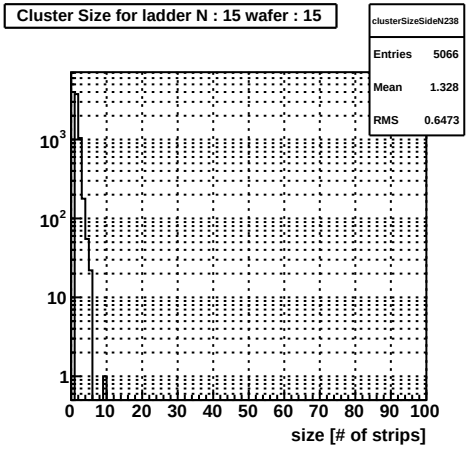

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2520
Mean 1.537
RMS 0.8335
size [# of strips]

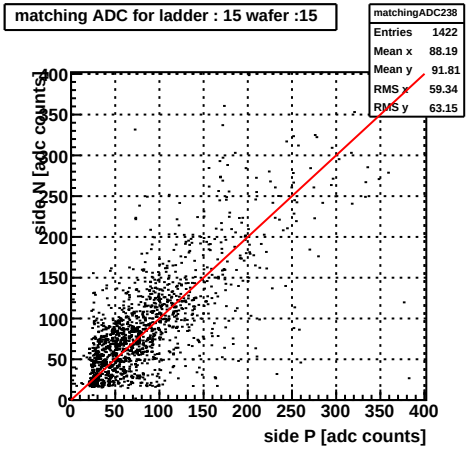

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1336
Mean x 92.76
Mean y 91.93
RMS x 68.15
RMS y 66.21
side N [adc counts]
side P [adc counts]

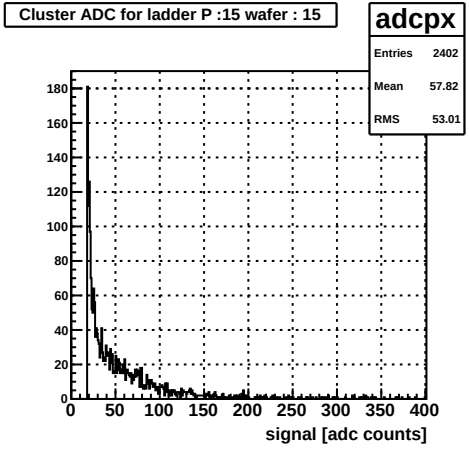

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3220
Mean 48.58
RMS 50.43
signal [adc counts]

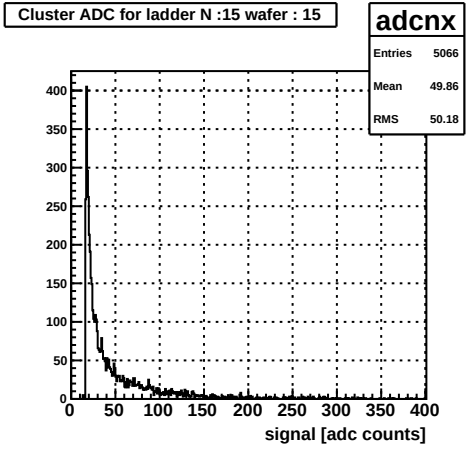

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2520
Mean 75.81
RMS 67.6
signal [adc counts]

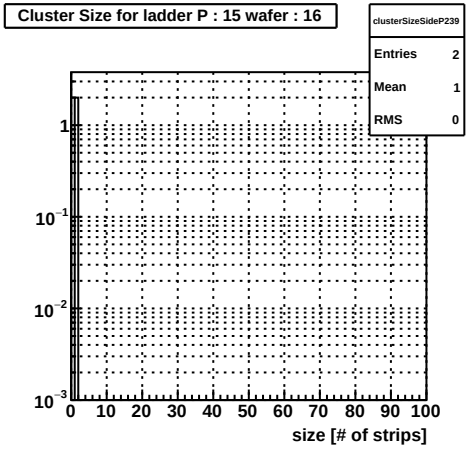

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2402
Mean 1.297
RMS 0.6321
size [# of strips]

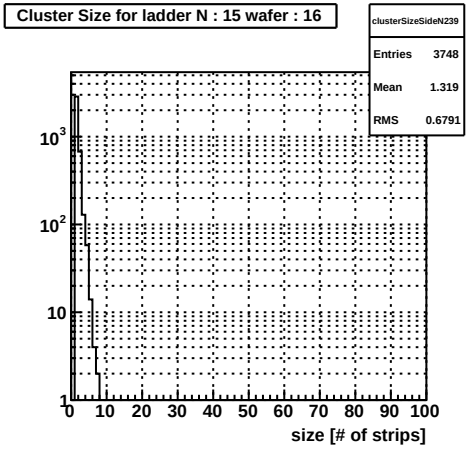

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5066
Mean 1.328
RMS 0.6473
size [# of strips]

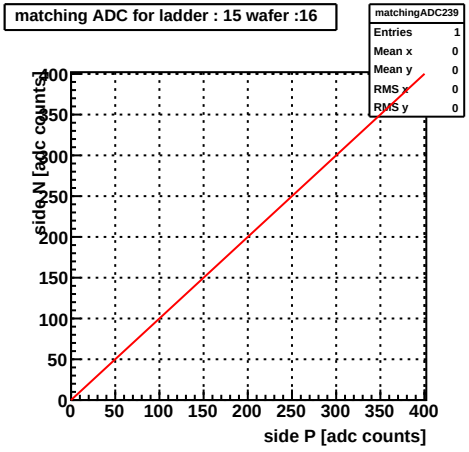

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1422
Mean x 88.19
Mean y 91.81
RMS x 59.34
RMS y 63.15
side N [adc counts]
side P [adc counts]

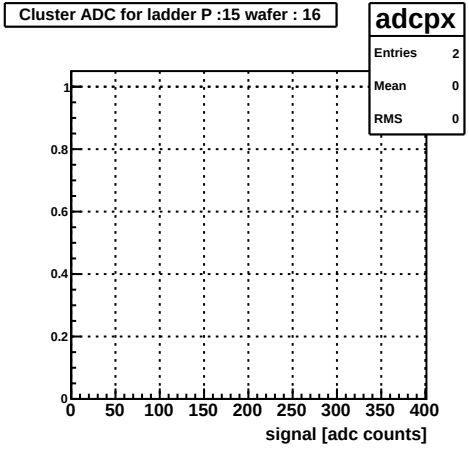

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2402
Mean 57.82
RMS 53.01
signal [adc counts]

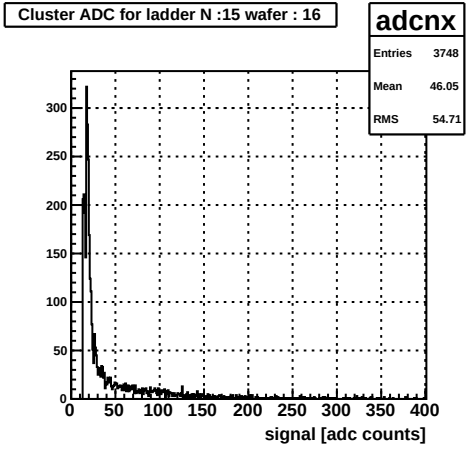

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5066
Mean 49.86
RMS 50.18
signal [adc counts]

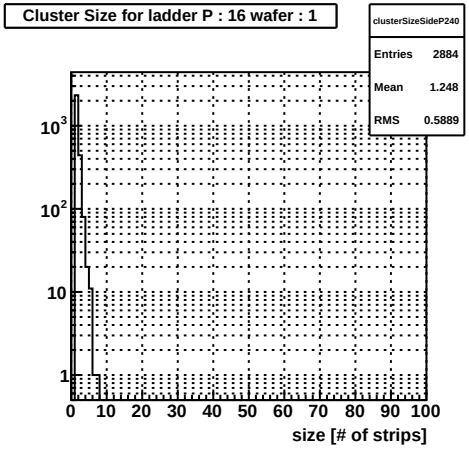

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

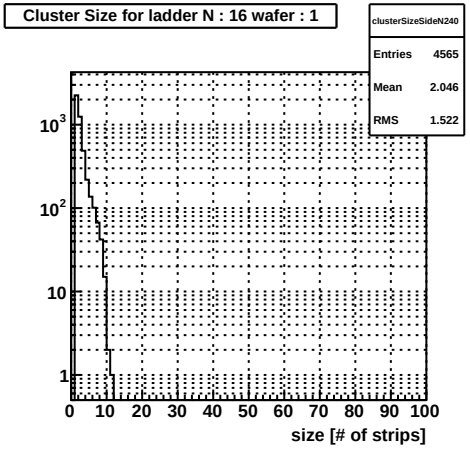

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3748
Mean 1.319
RMS 0.6791
size [# of strips]

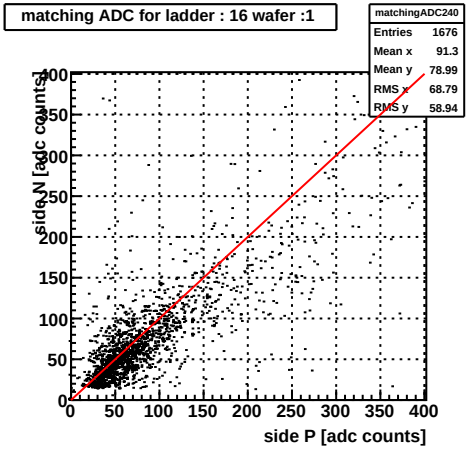

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

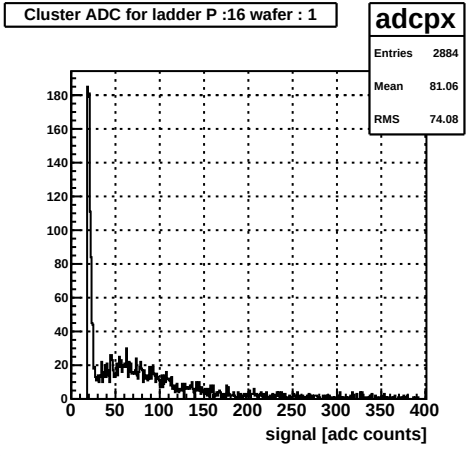

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

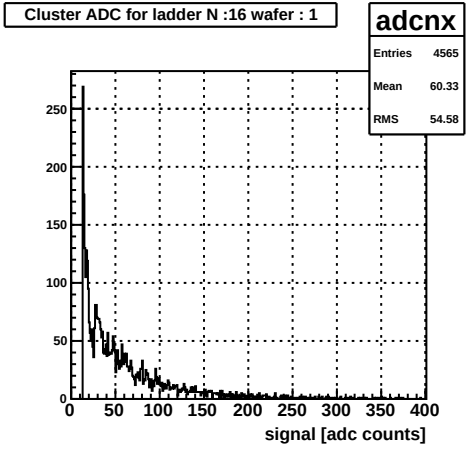

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3748
Mean 46.05
RMS 54.71
signal [adc counts]

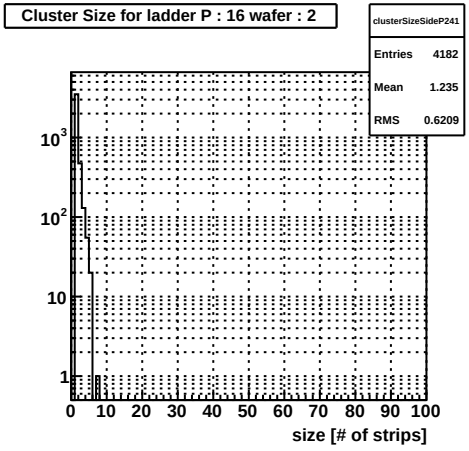

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2884
Mean 1.248
RMS 0.5889
size [# of strips]

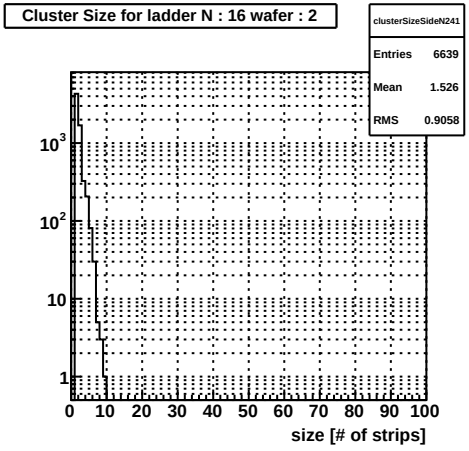

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4565
Mean 2.046
RMS 1.522
size [# of strips]

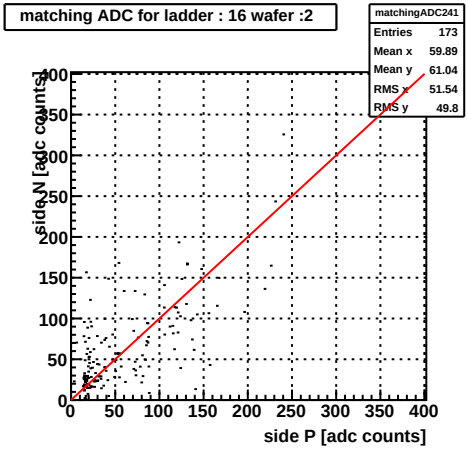

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1676
Mean x 91.3
Mean y 78.99
RMS x 68.79
RMS y 58.94
side N [adc counts]
side P [adc counts]

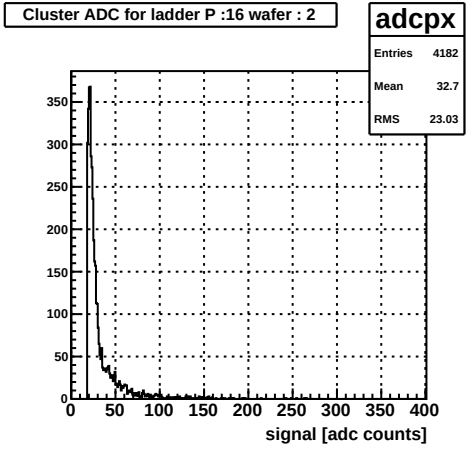

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2884
Mean 81.06
RMS 74.08
signal [adc counts]

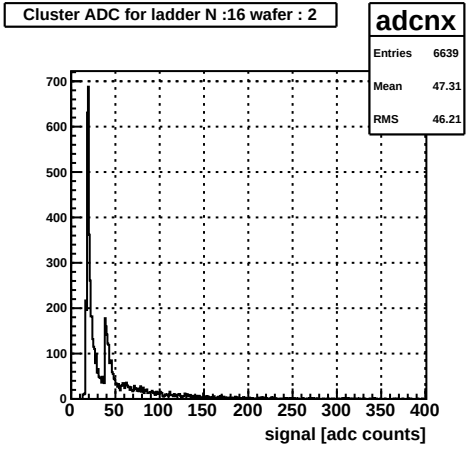

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4565
Mean 60.33
RMS 54.58
signal [adc counts]

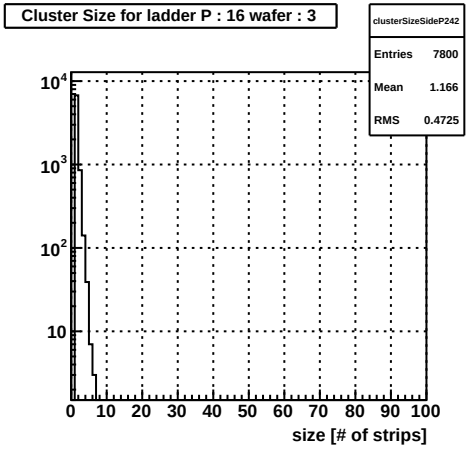

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4182
Mean 1.235
RMS 0.6209
size [# of strips]

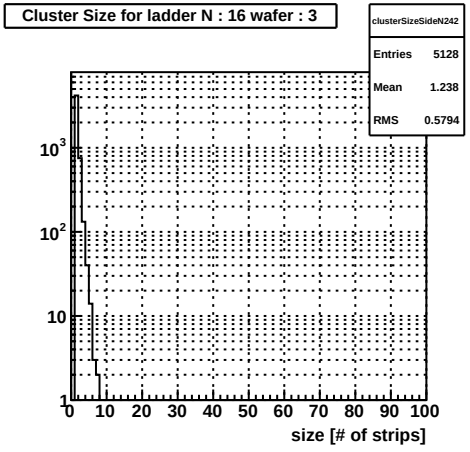

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6639
Mean 1.526
RMS 0.9058
size [# of strips]

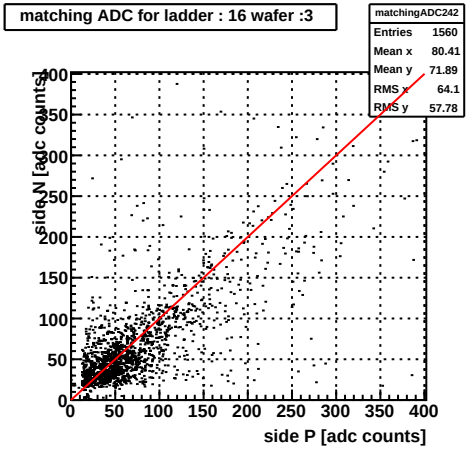

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 173
Mean x 59.89
Mean y 61.04
RMS x 51.54
RMS y 49.8
side N [adc counts]
side P [adc counts]

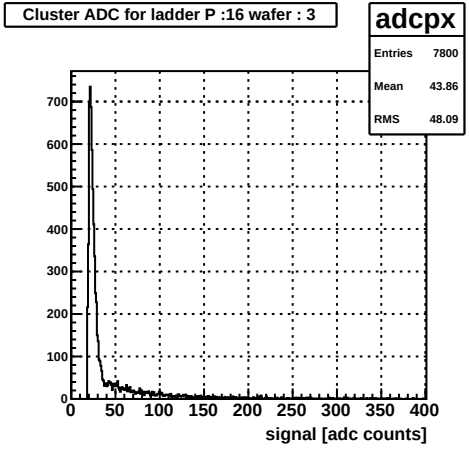

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4182
Mean 32.7
RMS 23.03
signal [adc counts]

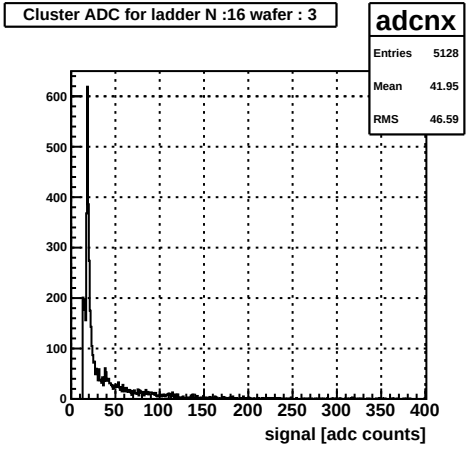

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6639
Mean 47.31
RMS 46.21
signal [adc counts]

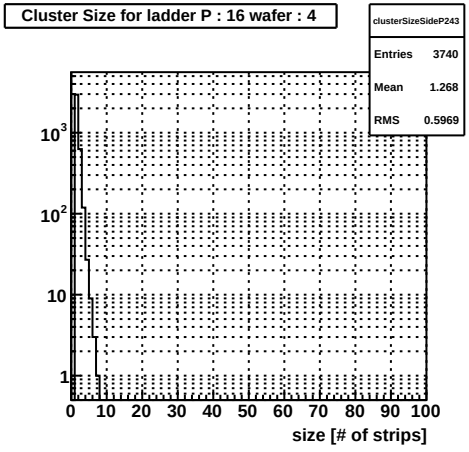

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7800
Mean 1.166
RMS 0.4725
size [# of strips]

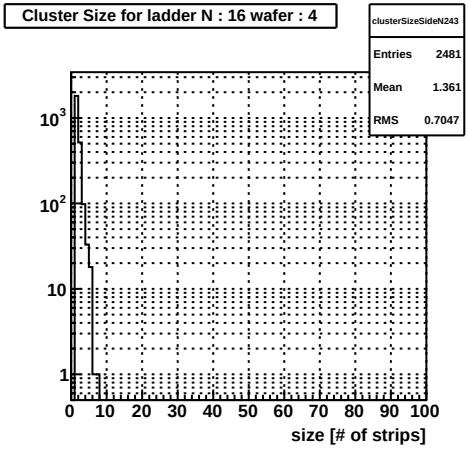

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 5128
Mean 1.238
RMS 0.5794
size [# of strips]

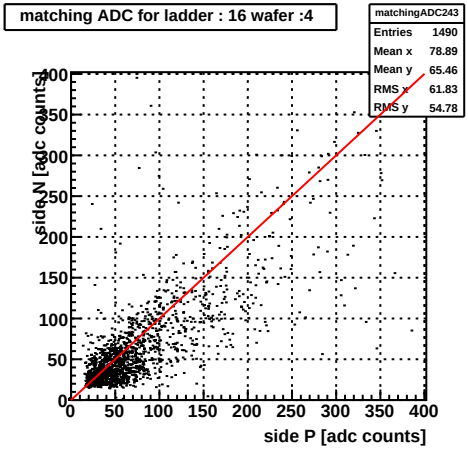

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1560
Mean x 80.41
Mean y 71.89
RMS x 64.1
RMS y 57.78
side N [adc counts]
side P [adc counts]

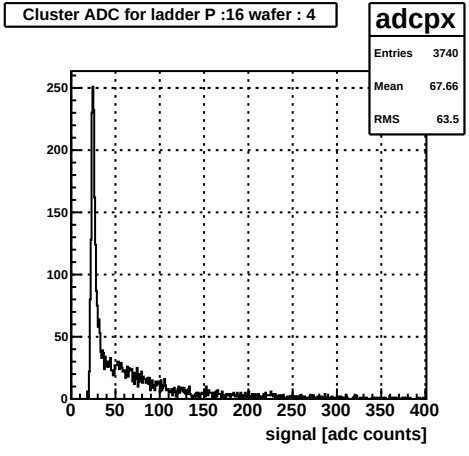

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7800
Mean 43.86
RMS 48.09
signal [adc counts]

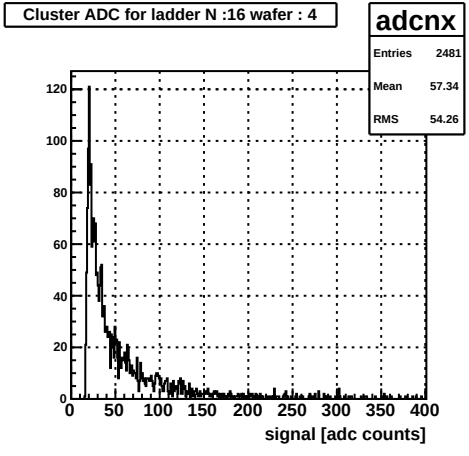

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 5128
Mean 41.95
RMS 46.59
signal [adc counts]

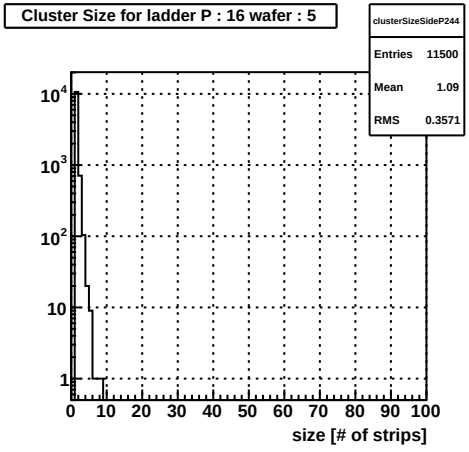

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3740
Mean 1.268
RMS 0.5969
size [# of strips]

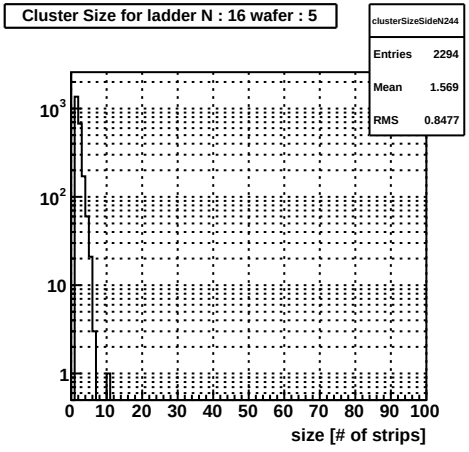

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2481
Mean 1.361
RMS 0.7047
size [# of strips]

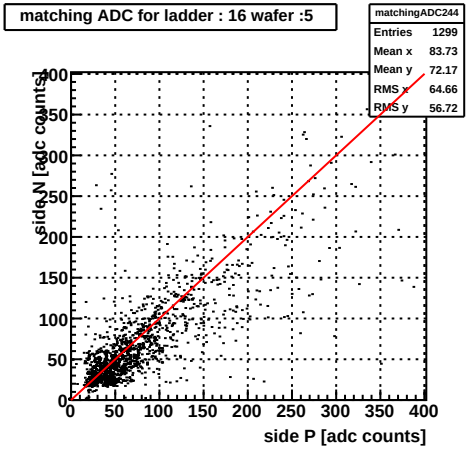

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1490
Mean x 78.89
Mean y 65.46
RMS x 61.83
RMS y 54.78
side N [adc counts]
side P [adc counts]

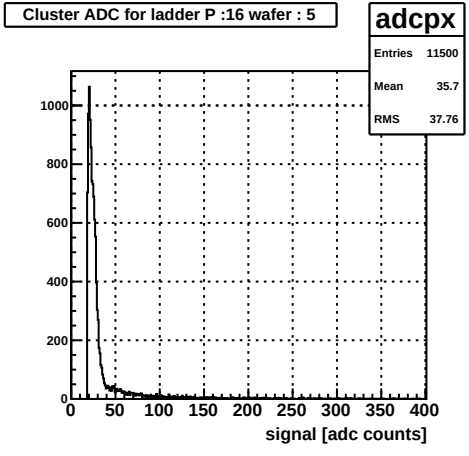

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3740
Mean 67.66
RMS 63.5
signal [adc counts]

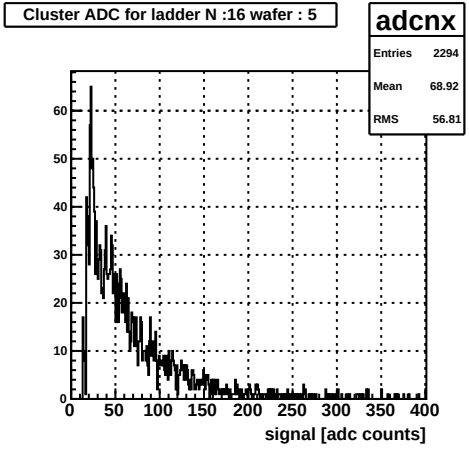

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2481
Mean 57.34
RMS 54.26
signal [adc counts]

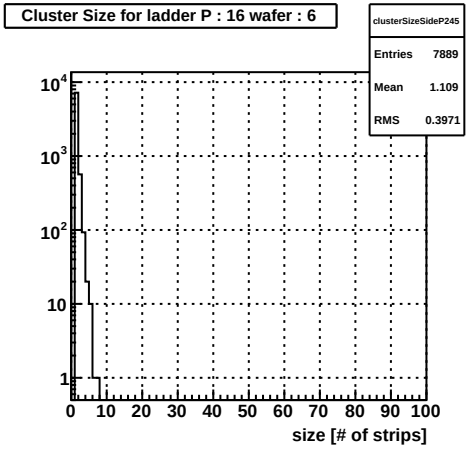

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11500
Mean 1.09
RMS 0.3571
size [# of strips]

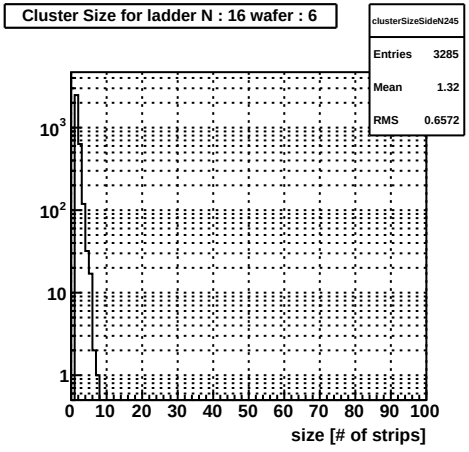

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2294
Mean 1.569
RMS 0.8477
size [# of strips]

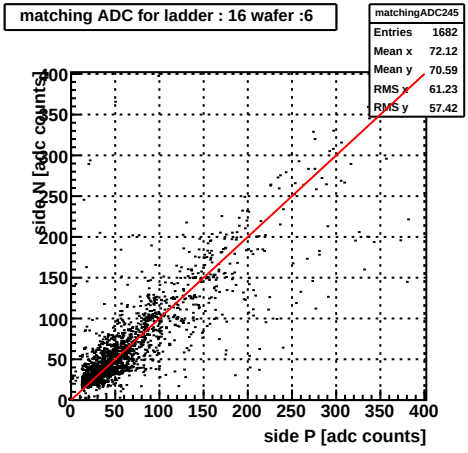

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1299
Mean x 83.73
Mean y 72.17
RMS x 64.66
RMS y 56.72
side N [adc counts]
side P [adc counts]

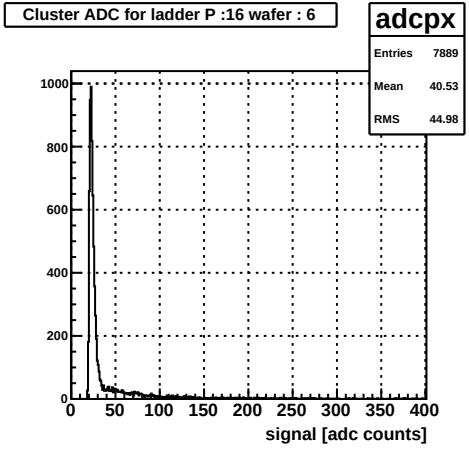

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11500
Mean 35.7
RMS 37.76
signal [adc counts]

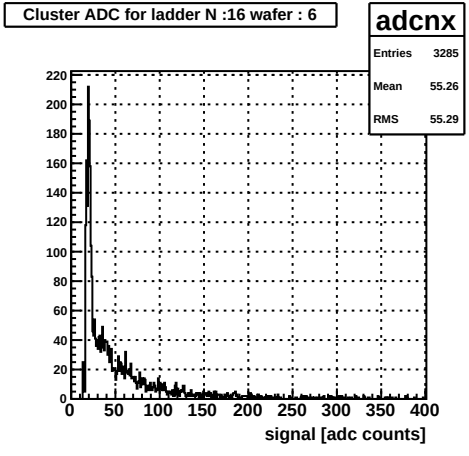

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2294
Mean 68.92
RMS 56.81
signal [adc counts]

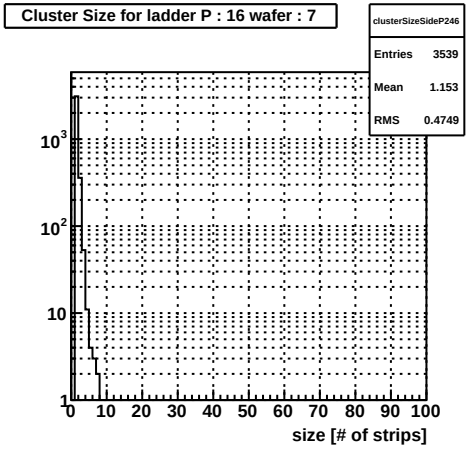

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7889
Mean 1.109
RMS 0.3971
size [# of strips]

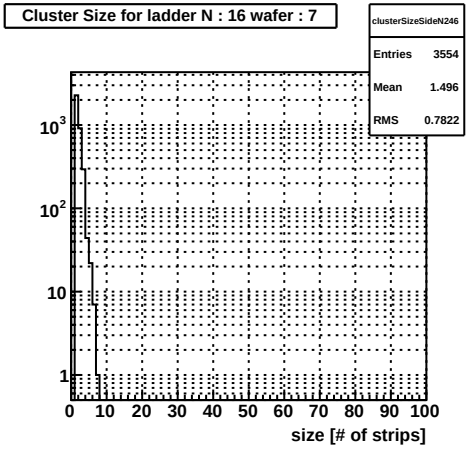

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3285
Mean 1.32
RMS 0.6572
size [# of strips]

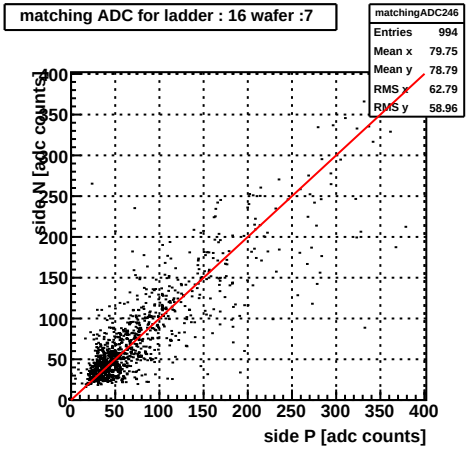

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1682
Mean x 72.12
Mean y 70.59
RMS x 61.23
RMS y 57.42
side N [adc counts]
side P [adc counts]

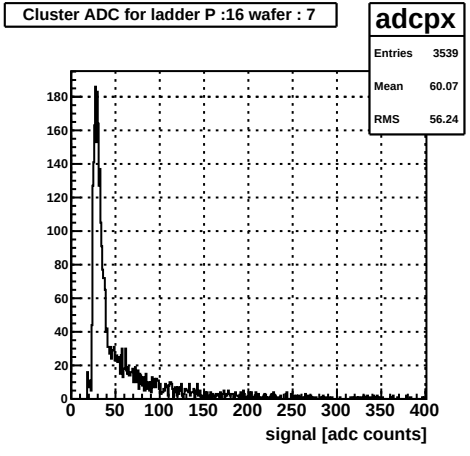

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7889
Mean 40.53
RMS 44.98
signal [adc counts]

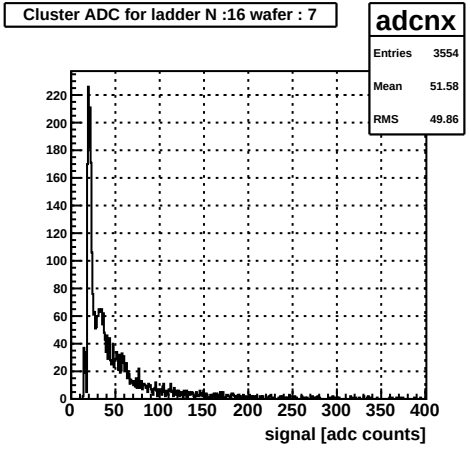

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3285
Mean 55.26
RMS 55.29
signal [adc counts]

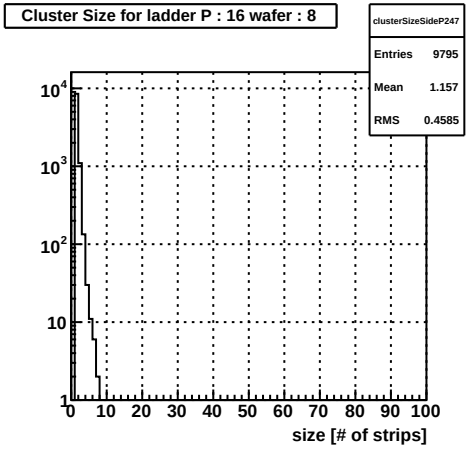

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 3539
Mean 1.153
RMS 0.4749
size [# of strips]

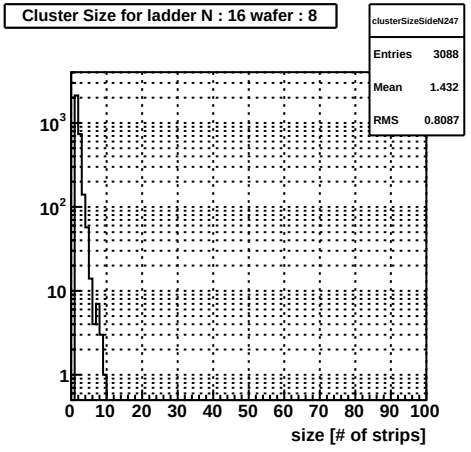

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3554
Mean 1.496
RMS 0.7822
size [# of strips]

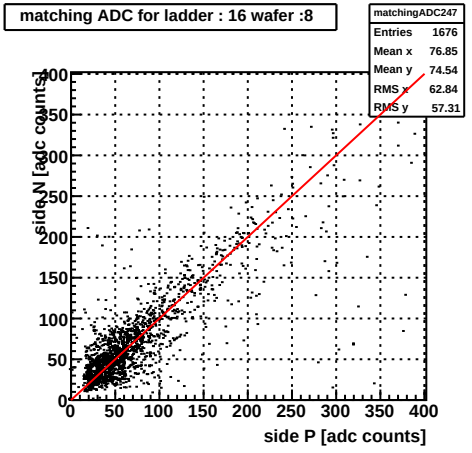

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 994
Mean x 79.75
Mean y 78.79
RMS x 62.79
RMS y 58.96
side N [adc counts]
side P [adc counts]

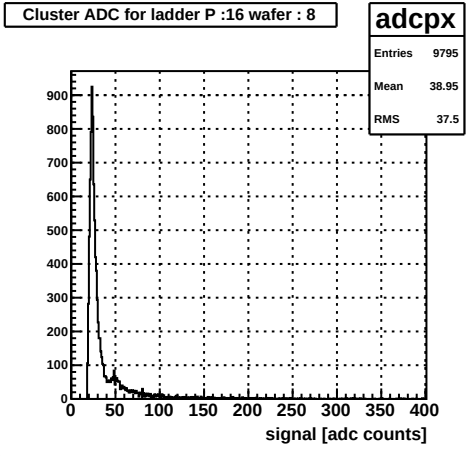

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 3539
Mean 60.07
RMS 56.24
signal [adc counts]

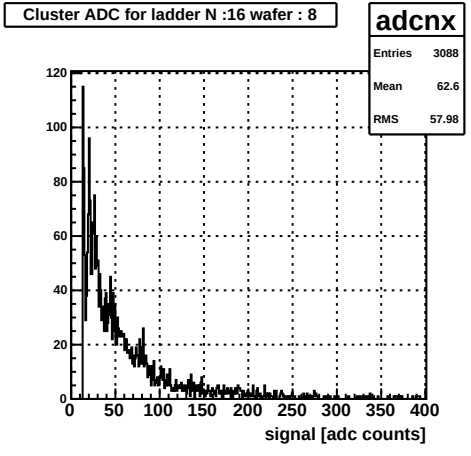

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3554
Mean 51.58
RMS 49.86
signal [adc counts]

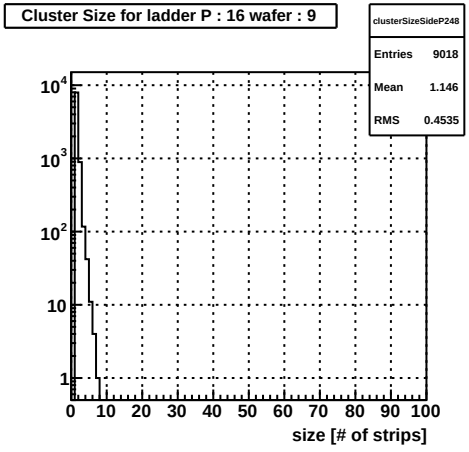

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9795
Mean 1.157
RMS 0.4585
size [# of strips]

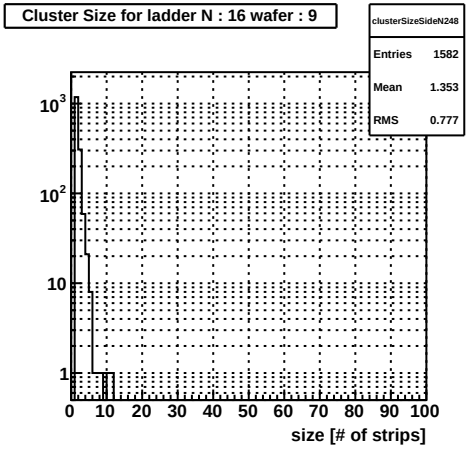

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3088
Mean 1.432
RMS 0.8087
size [# of strips]

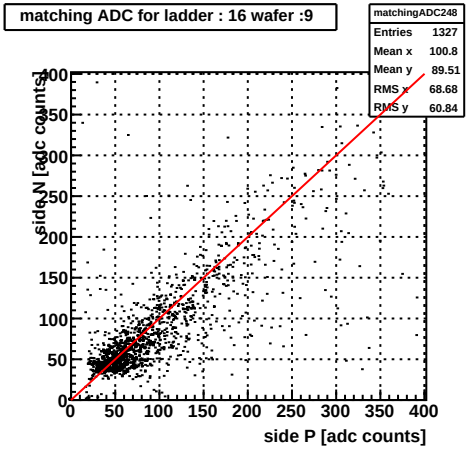

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1676
Mean x 76.85
Mean y 74.54
RMS x 62.84
RMS y 57.31
side N [adc counts]
side P [adc counts]

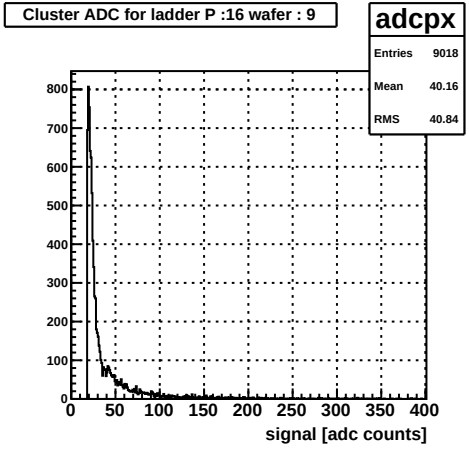

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9795
Mean 38.95
RMS 37.5
signal [adc counts]

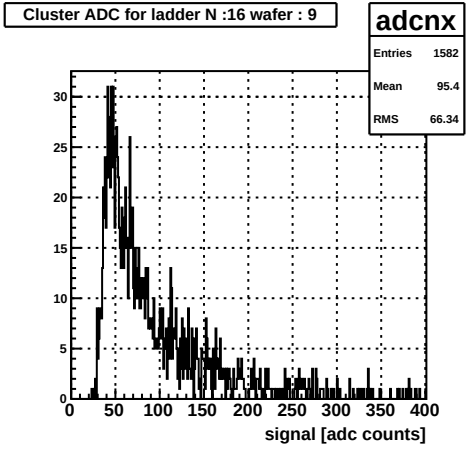

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3088
Mean 62.6
RMS 57.98
signal [adc counts]

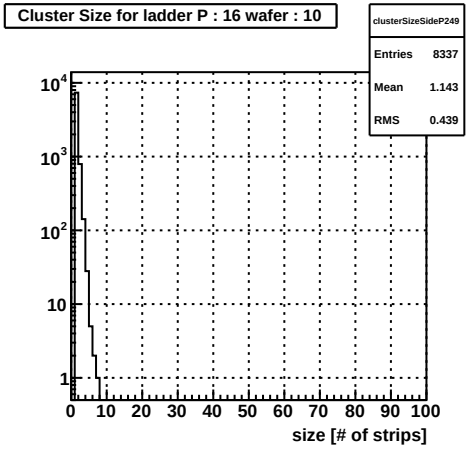

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9018
Mean 1.146
RMS 0.4535
size [# of strips]

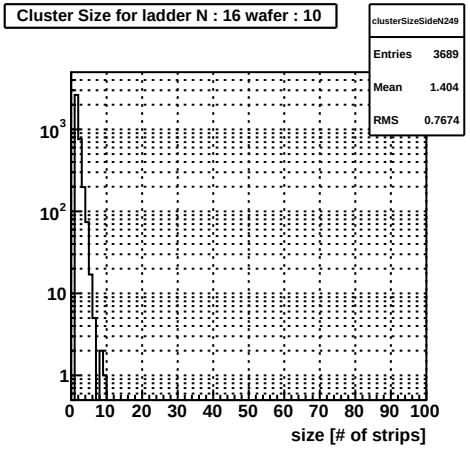

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1582
Mean 1.353
RMS 0.777
size [# of strips]

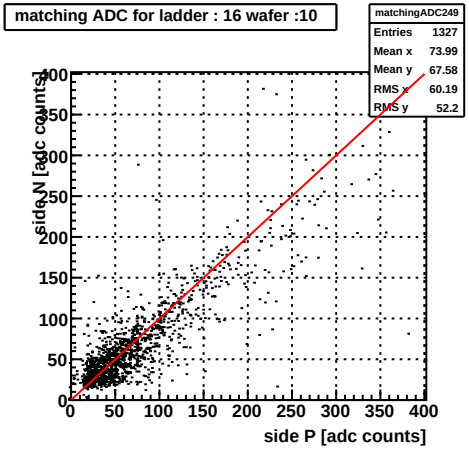

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1327
Mean x 100.8
Mean y 89.51
RMS x 68.68
RMS y 60.84
side N [adc counts]
side P [adc counts]

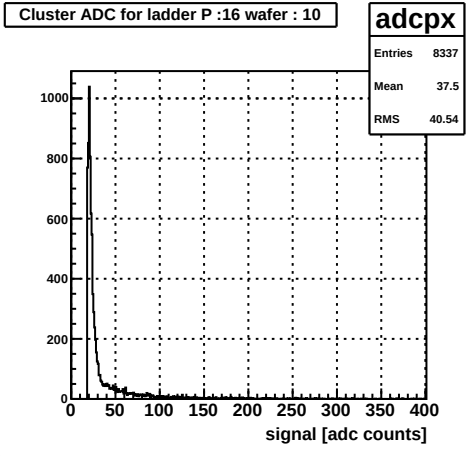

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9018
Mean 40.16
RMS 40.84
signal [adc counts]

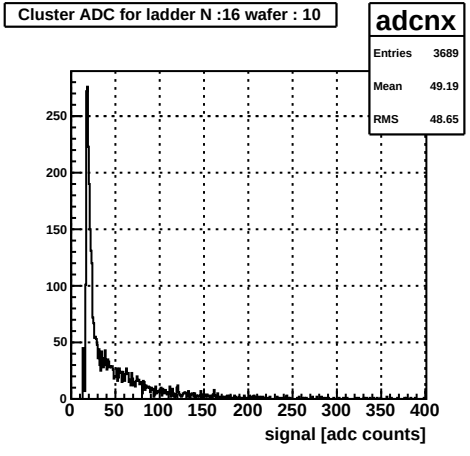

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1582
Mean 95.4
RMS 66.34
signal [adc counts]

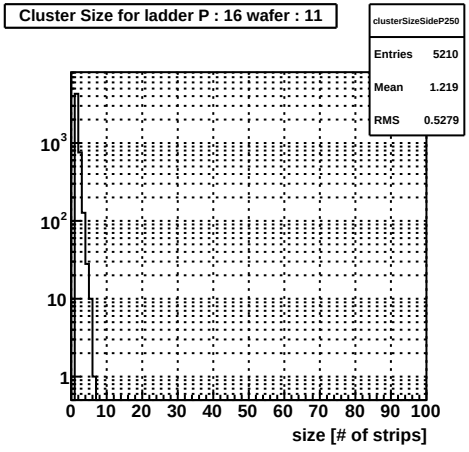

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8337
Mean 1.143
RMS 0.439
size [# of strips]

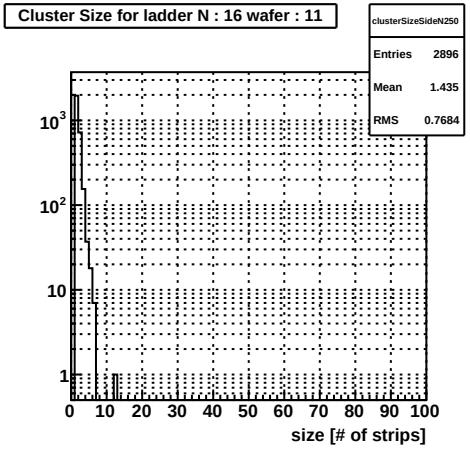

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3689
Mean 1.404
RMS 0.7674
size [# of strips]

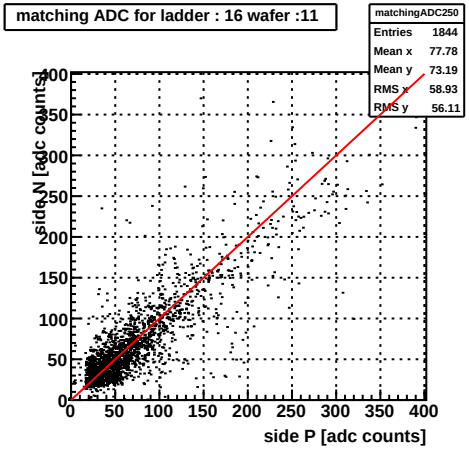

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1327
Mean x 73.99
Mean y 67.58
RMS x 60.19
RMS y 52.2
side N [adc counts]
side P [adc counts]

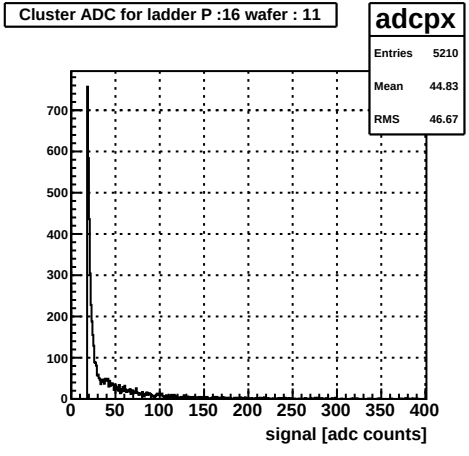

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8337
Mean 37.5
RMS 40.54
signal [adc counts]

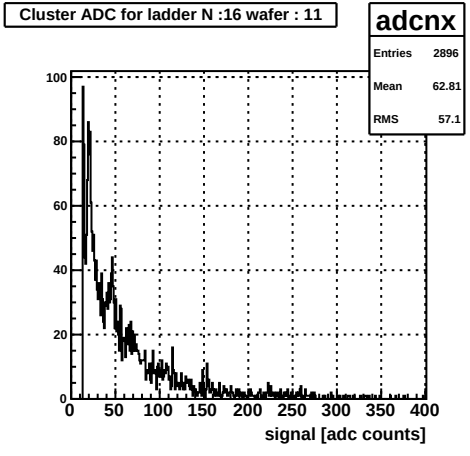

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3689
Mean 49.19
RMS 48.65
signal [adc counts]

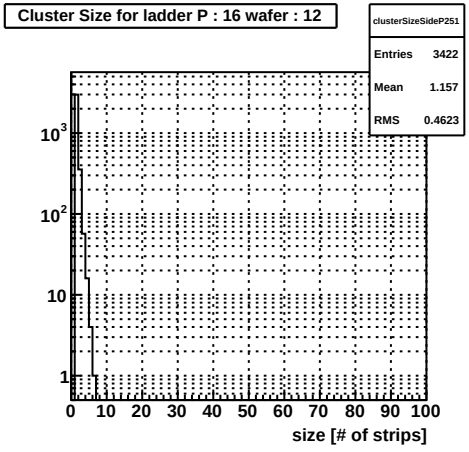

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5210
Mean 1.219
RMS 0.5279
size [# of strips]

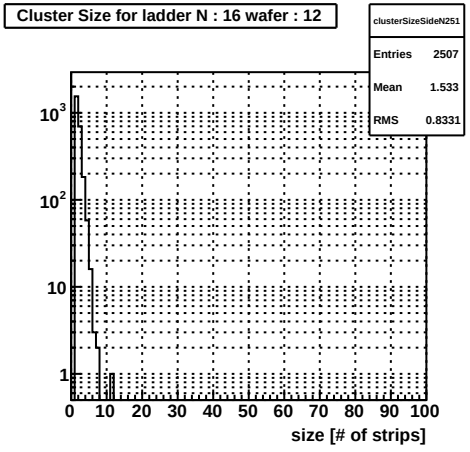

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2896
Mean 1.435
RMS 0.7684
size [# of strips]

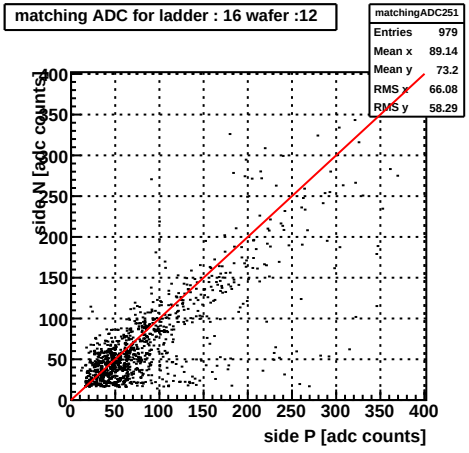

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1844
Mean x 77.78
Mean y 73.19
RMS x 58.93
RMS y 56.11
side N [adc counts]
side P [adc counts]

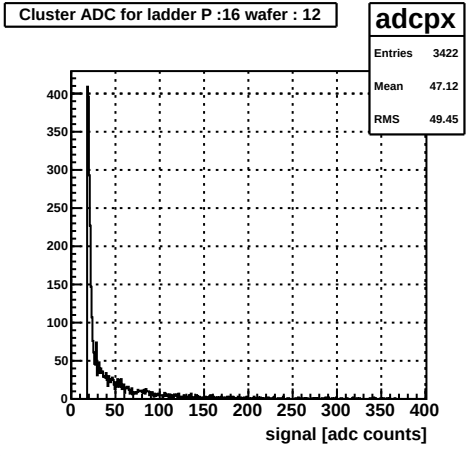

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5210
Mean 44.83
RMS 46.67
signal [adc counts]

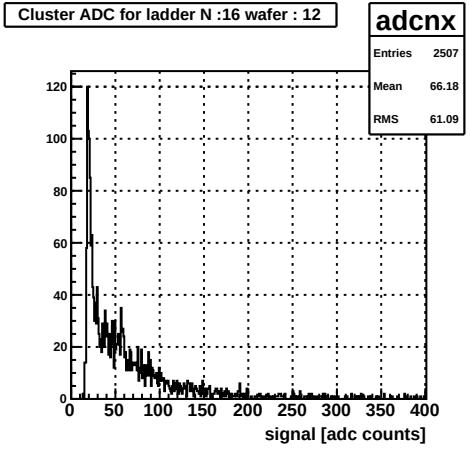

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2896
Mean 62.81
RMS 57.1
signal [adc counts]

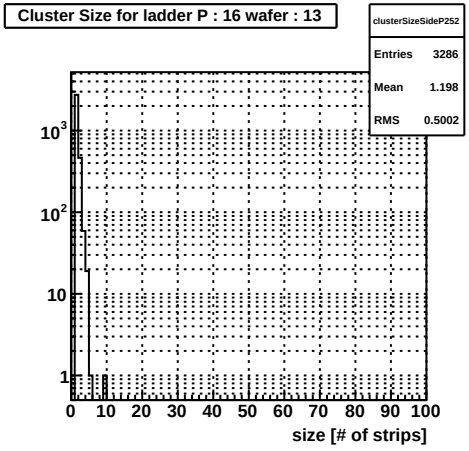

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3422
Mean 1.157
RMS 0.4623
size [# of strips]

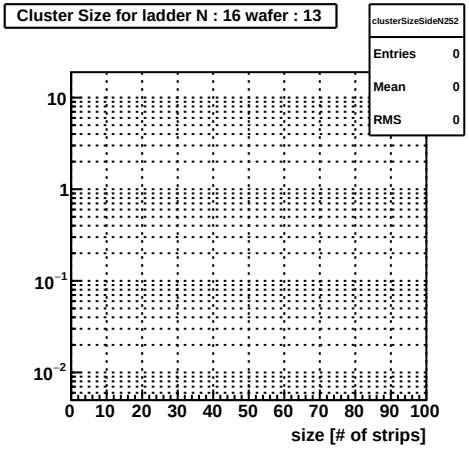

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2507
Mean 1.533
RMS 0.8331
size [# of strips]

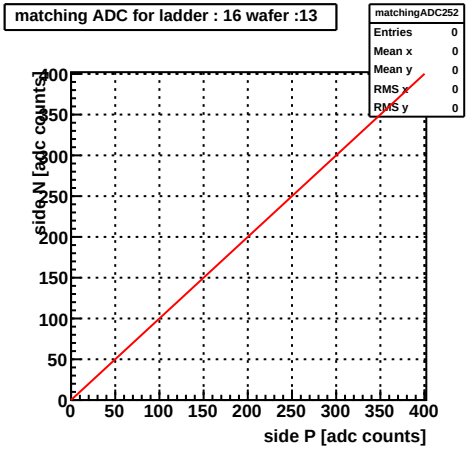

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 979
Mean x 89.14
Mean y 73.2
RMS x 66.08
RMS y 58.29
side N [adc counts]
side P [adc counts]

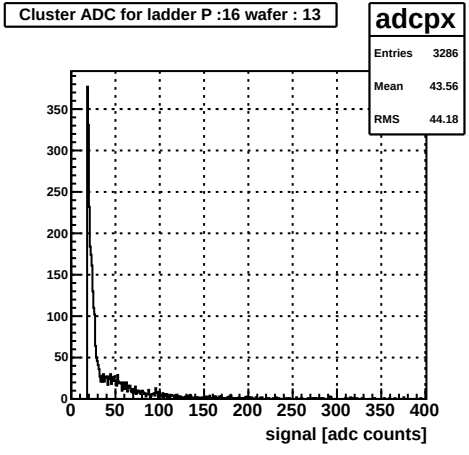

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3422
Mean 47.12
RMS 49.45
signal [adc counts]

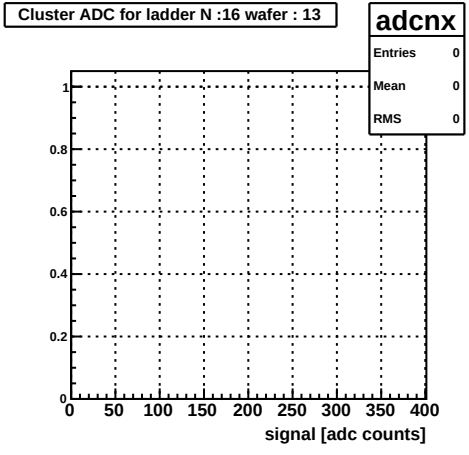

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2507
Mean 66.18
RMS 61.09
signal [adc counts]

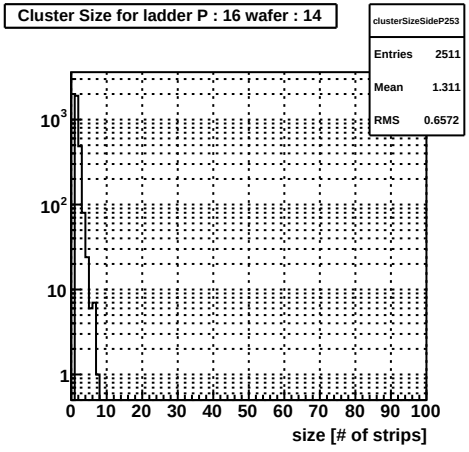

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3286
Mean 1.198
RMS 0.5002
size [# of strips]

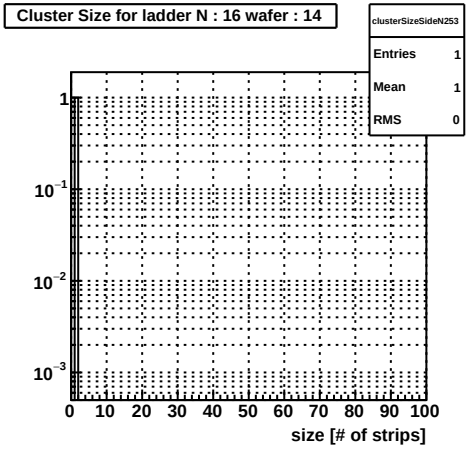

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

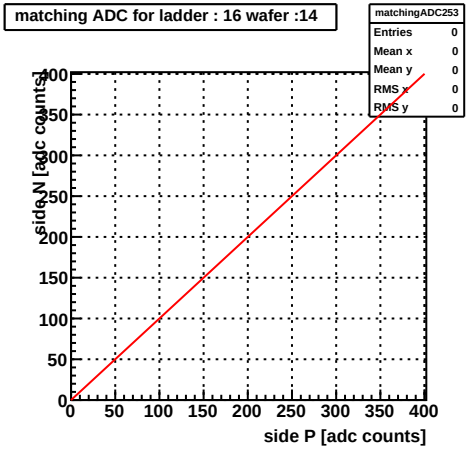

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

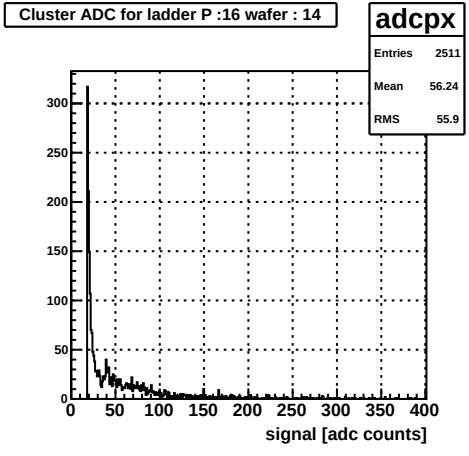

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3286
Mean 43.56
RMS 44.18
signal [adc counts]

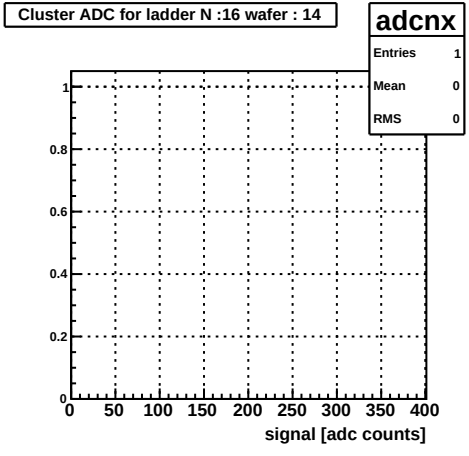

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

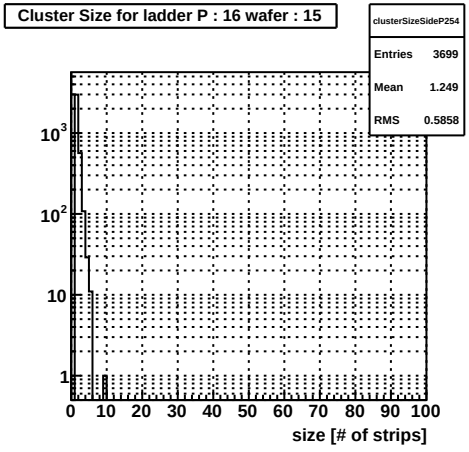

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2511
Mean 1.311
RMS 0.6572
size [# of strips]

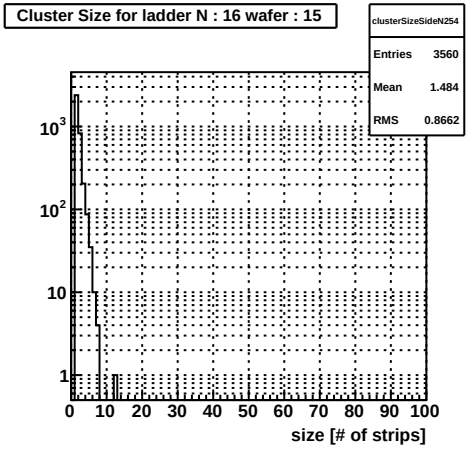

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

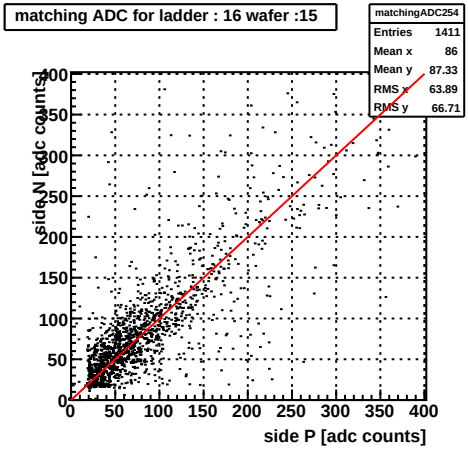

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

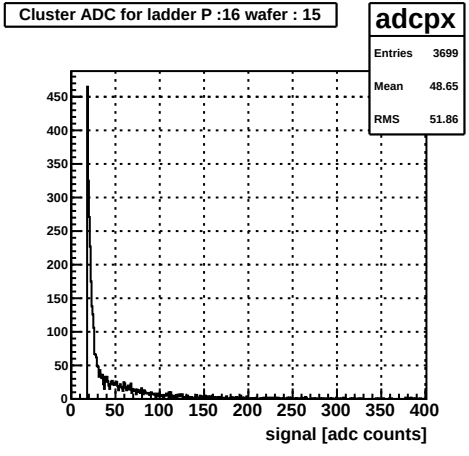

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2511
Mean 56.24
RMS 55.9
signal [adc counts]

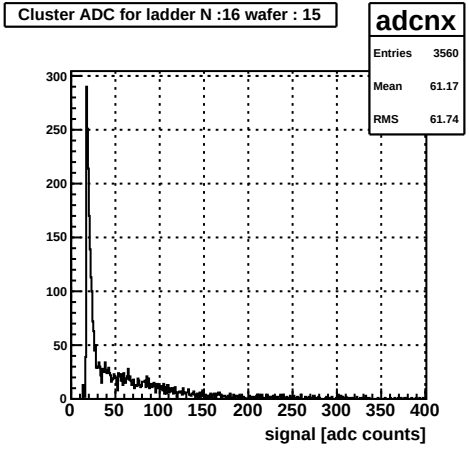

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

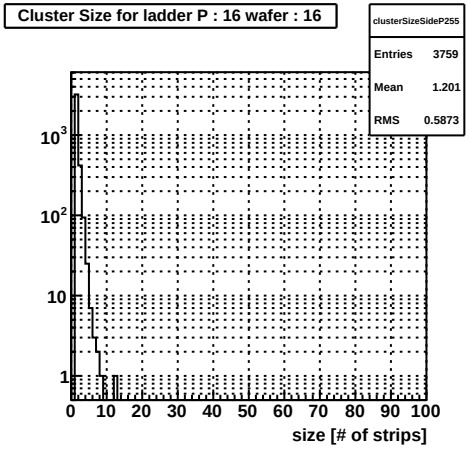

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3699
Mean 1.249
RMS 0.5858
size [# of strips]

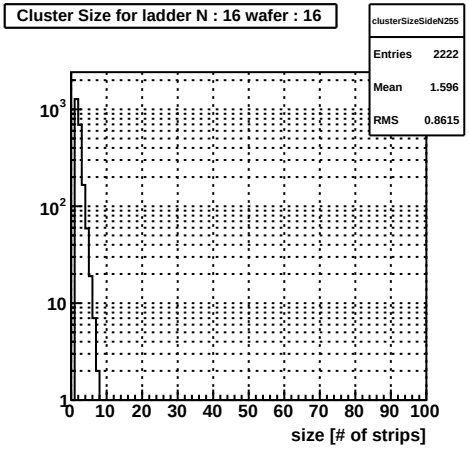

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3560
Mean 1.484
RMS 0.8662
size [# of strips]

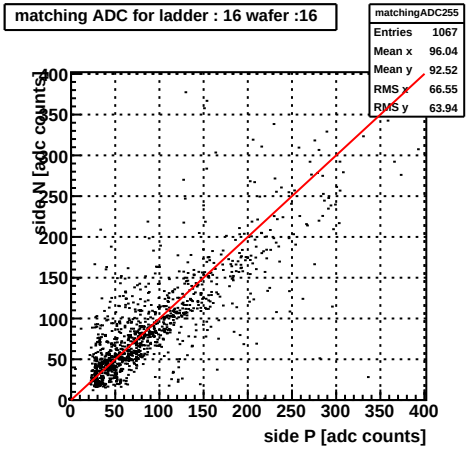

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1411
Mean x 86
Mean y 87.33
RMS x 63.89
RMS y 66.71
side N [adc counts]
side P [adc counts]

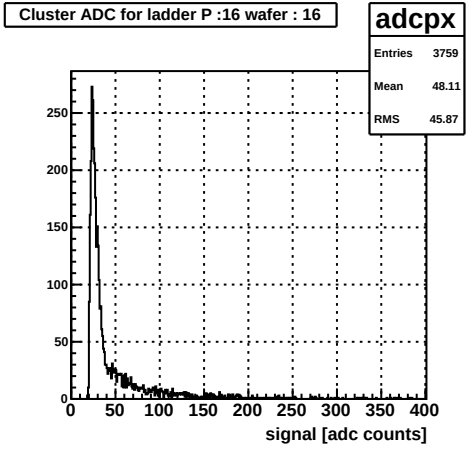

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3699
Mean 48.65
RMS 51.86
signal [adc counts]

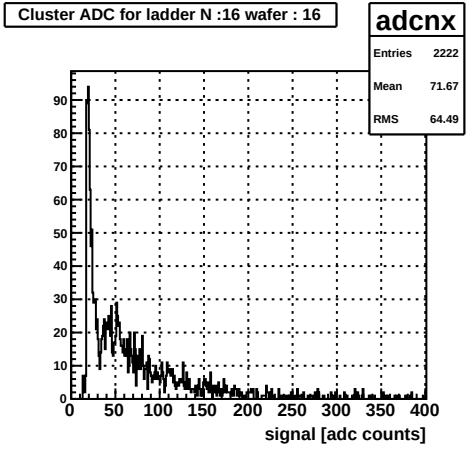

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3560
Mean 61.17
RMS 61.74
signal [adc counts]

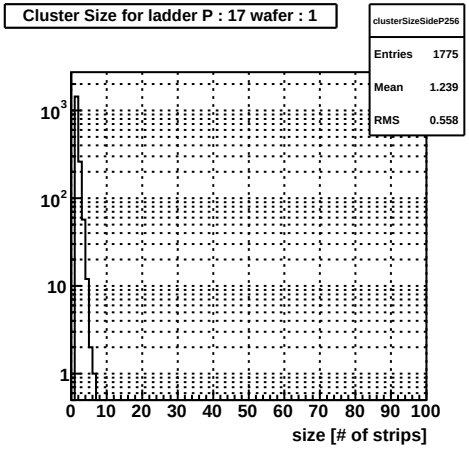

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3759
Mean 1.201
RMS 0.5873
size [# of strips]

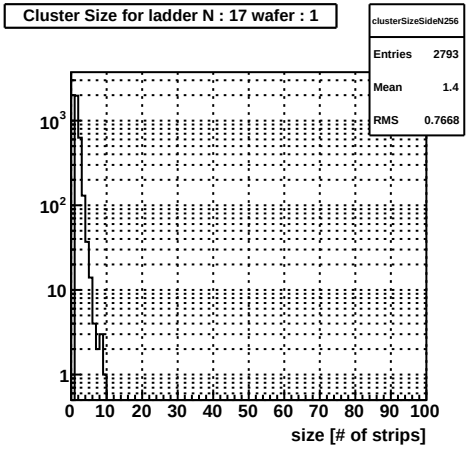

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2222
Mean 1.596
RMS 0.8615
size [# of strips]

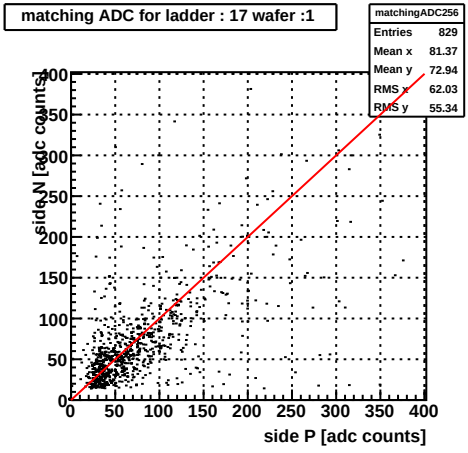

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1067
Mean x 96.04
Mean y 92.52
RMS x 66.55
RMS y 63.94
side N [adc counts]
side P [adc counts]

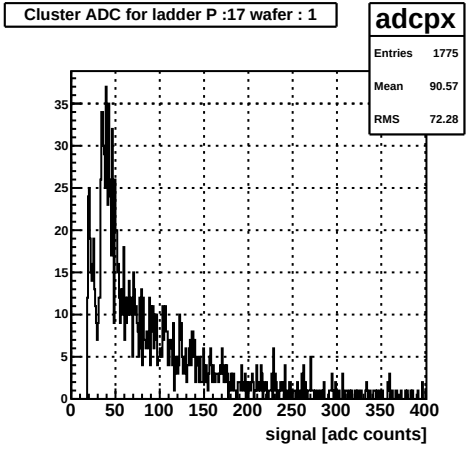

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3759
Mean 48.11
RMS 45.87
signal [adc counts]

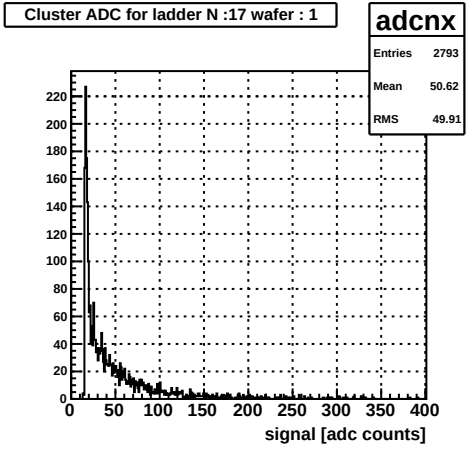

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2222
Mean 71.67
RMS 64.49
signal [adc counts]

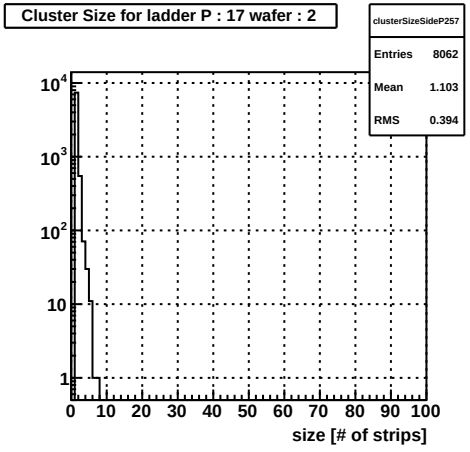

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1775
Mean 1.239
RMS 0.558
size [# of strips]

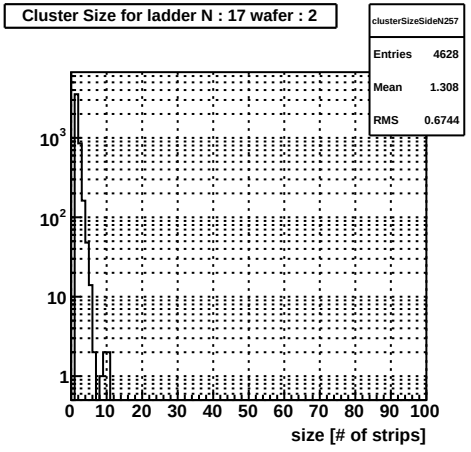

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2793
Mean 1.4
RMS 0.7668
size [# of strips]

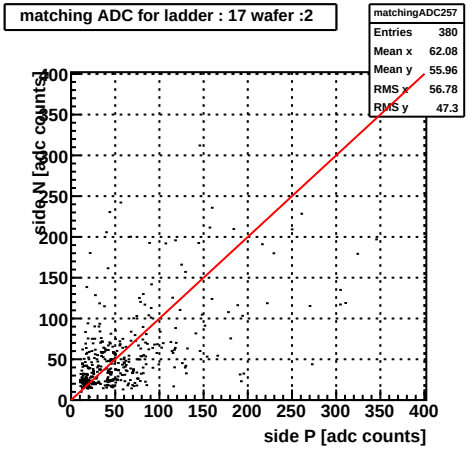

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 829
Mean x 81.37
Mean y 72.94
RMS x 62.03
RMS y 55.34
side N [adc counts]
side P [adc counts]

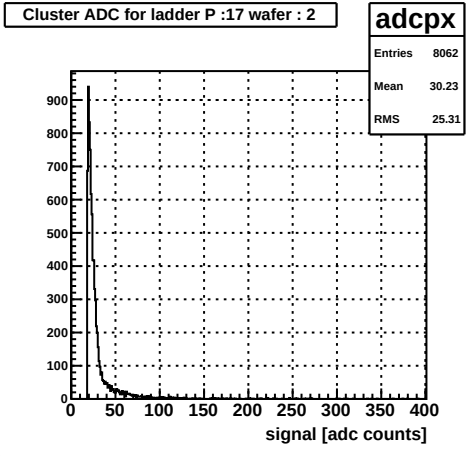

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1775
Mean 90.57
RMS 72.28
signal [adc counts]

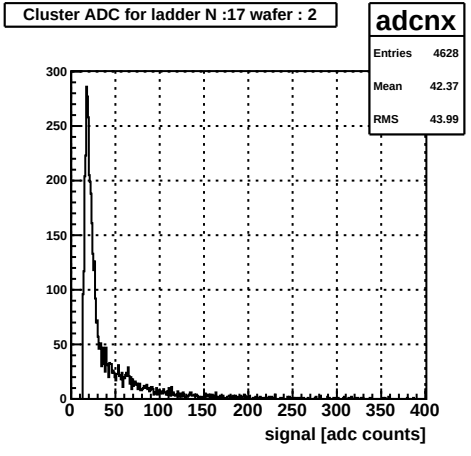

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2793
Mean 50.62
RMS 49.91
signal [adc counts]

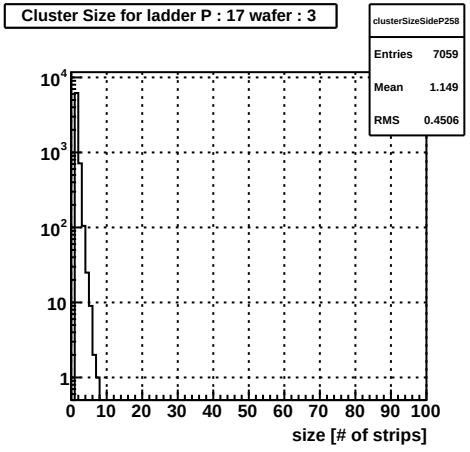

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8062
Mean 1.103
RMS 0.394
size [# of strips]

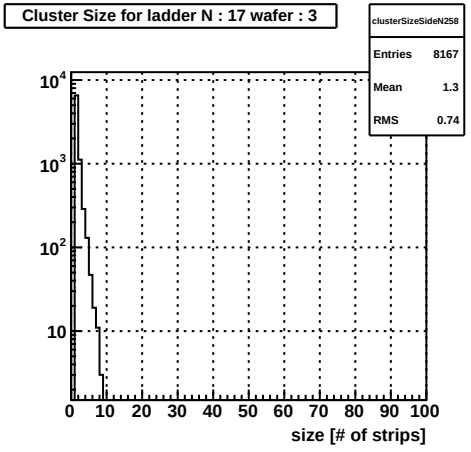

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4628
Mean 1.308
RMS 0.6744
size [# of strips]

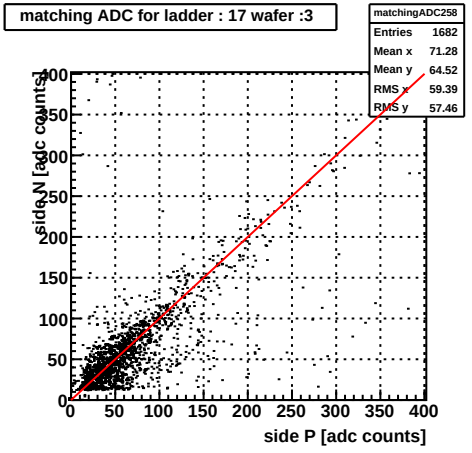

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 380
Mean x 62.08
Mean y 55.96
RMS x 56.78
RMS y 47.3
side N [adc counts]
side P [adc counts]

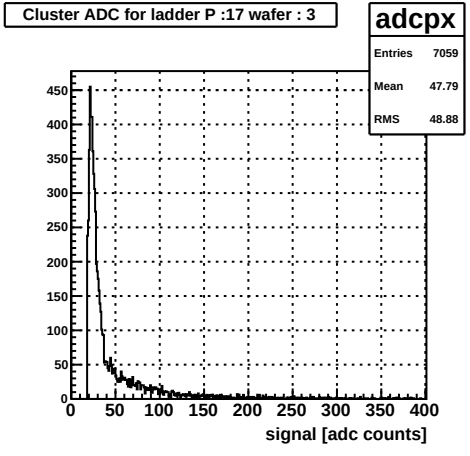

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8062
Mean 30.23
RMS 25.31
signal [adc counts]

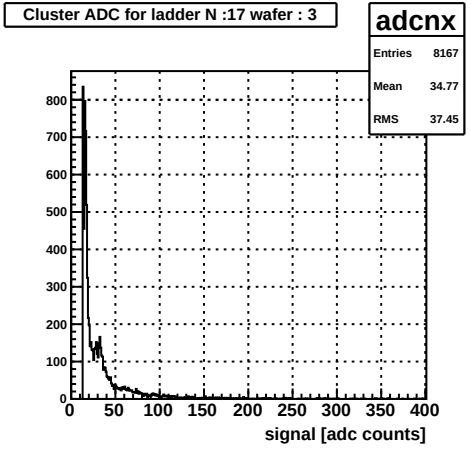

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4628
Mean 42.37
RMS 43.99
signal [adc counts]

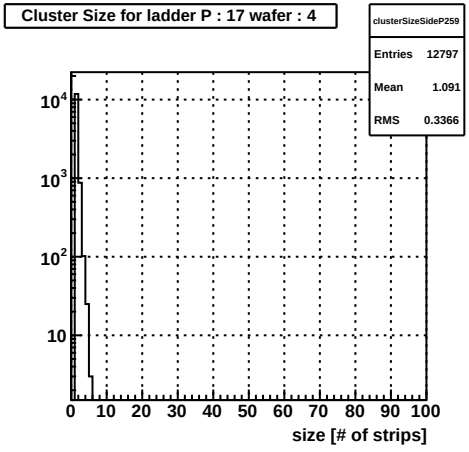

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7059
Mean 1.149
RMS 0.4506
size [# of strips]

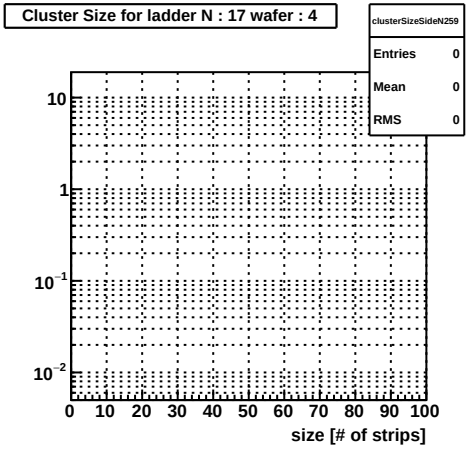

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8167
Mean 1.3
RMS 0.74
size [# of strips]

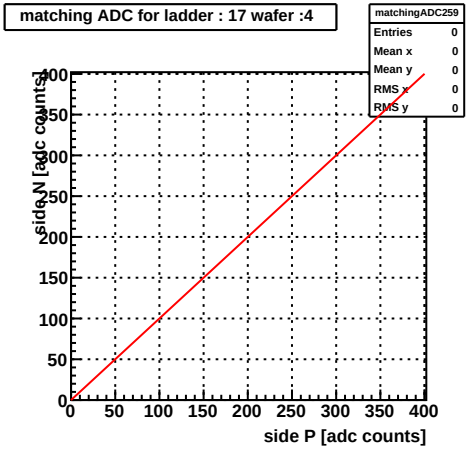

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1682
Mean x 71.28
Mean y 64.52
RMS x 59.39
RMS y 57.46
side N [adc counts]
side P [adc counts]

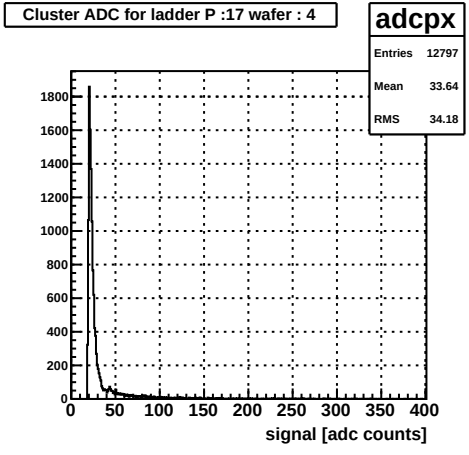

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7059
Mean 47.79
RMS 48.88
signal [adc counts]

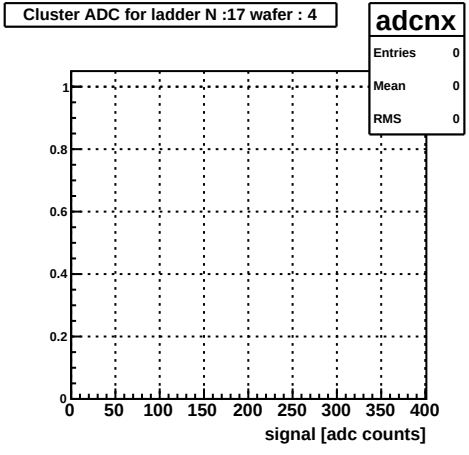

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8167
Mean 34.77
RMS 37.45
signal [adc counts]

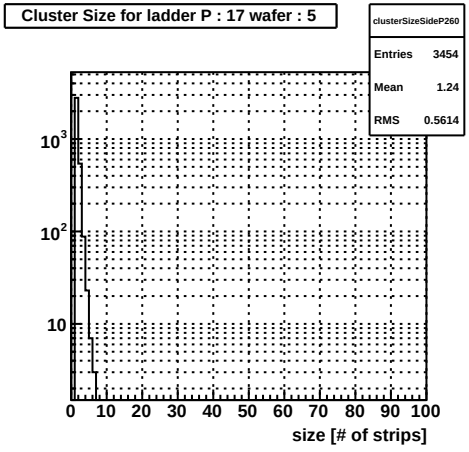

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 12797
Mean 1.091
RMS 0.3366
size [# of strips]

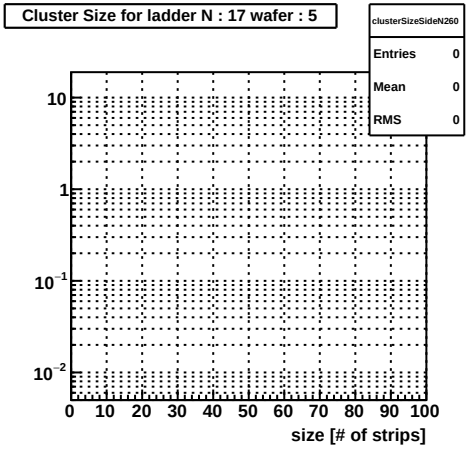

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

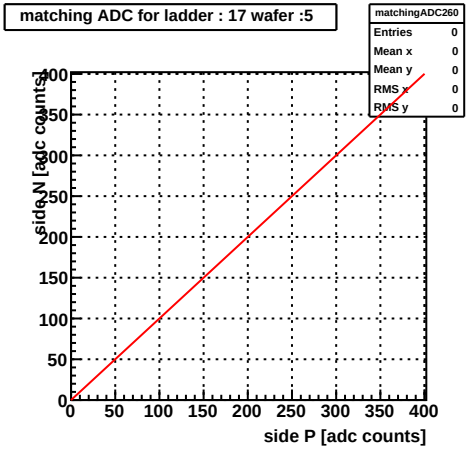

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

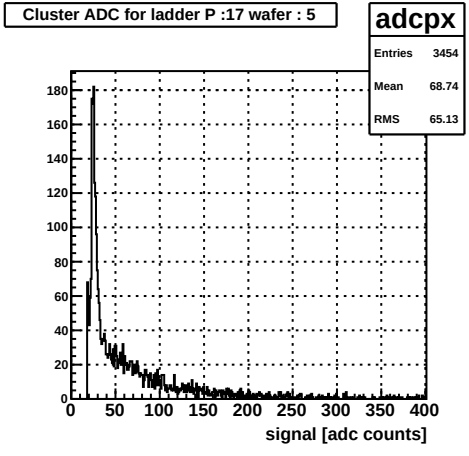

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 12797
Mean 33.64
RMS 34.18
signal [adc counts]

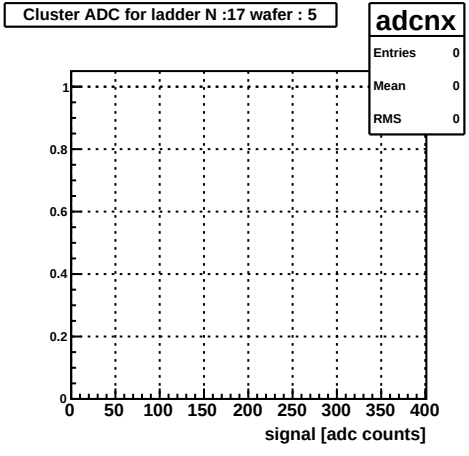

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

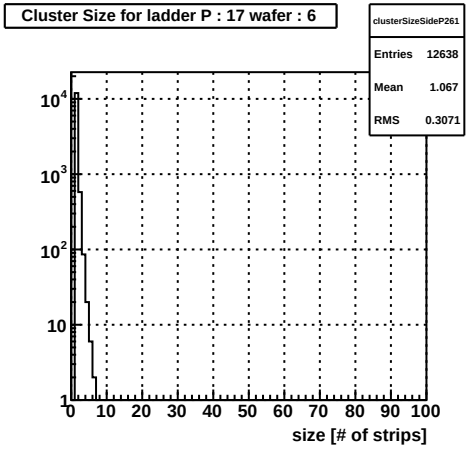

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3454
Mean 1.24
RMS 0.5614
size [# of strips]

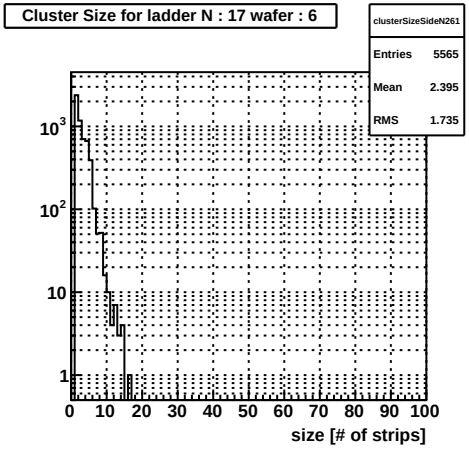

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

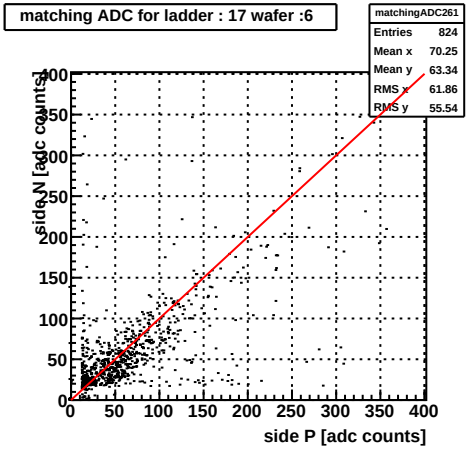

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

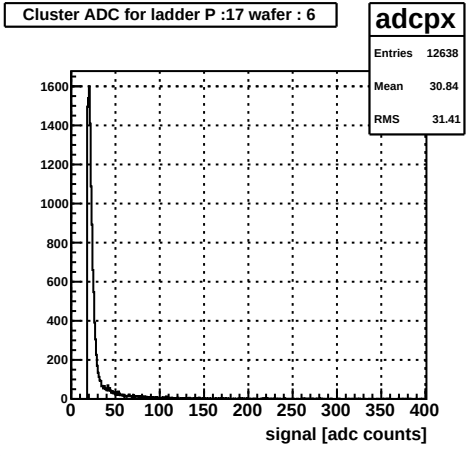

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3454
Mean 68.74
RMS 65.13
signal [adc counts]

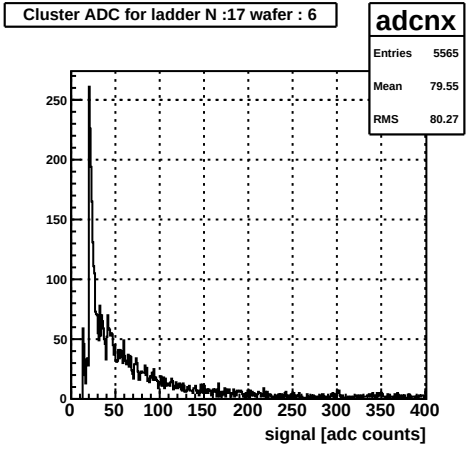

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

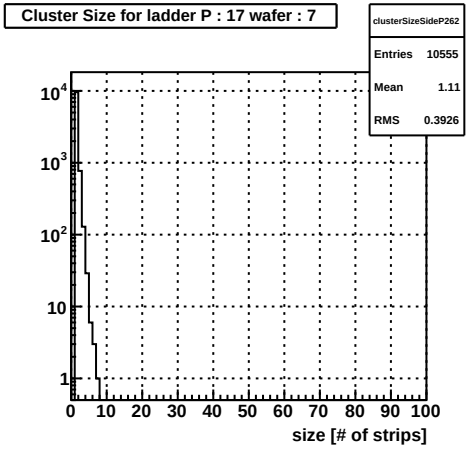

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 12638
Mean 1.067
RMS 0.3071
size [# of strips]

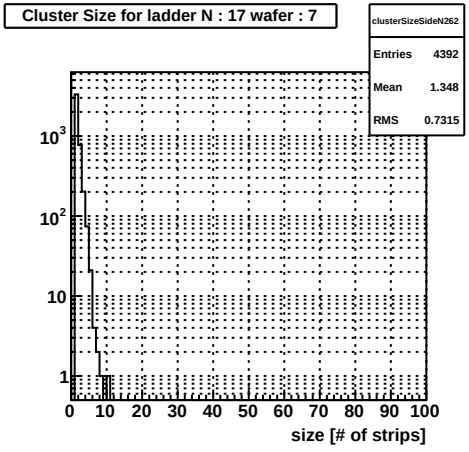

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5565
Mean 2.395
RMS 1.735
size [# of strips]

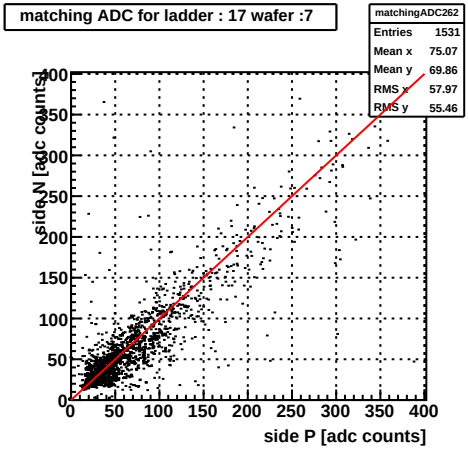

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 824
Mean x 70.25
Mean y 63.34
RMS x 61.86
RMS y 55.54
side N [adc counts]
side P [adc counts]

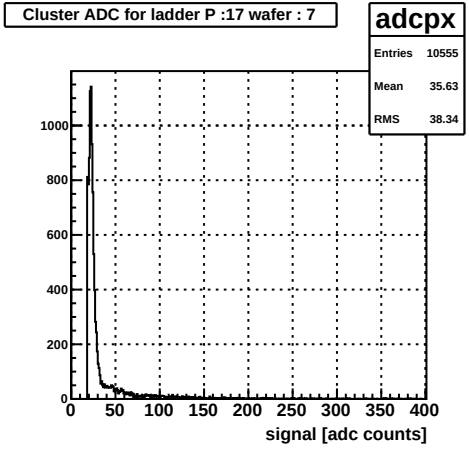

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 12638
Mean 30.84
RMS 31.41
signal [adc counts]

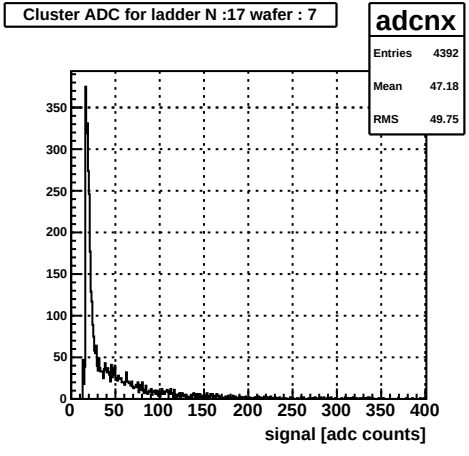

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5565
Mean 79.55
RMS 80.27
signal [adc counts]

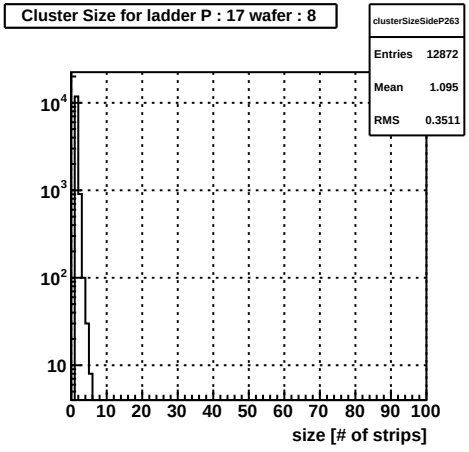

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10555
Mean 1.11
RMS 0.3926
size [# of strips]

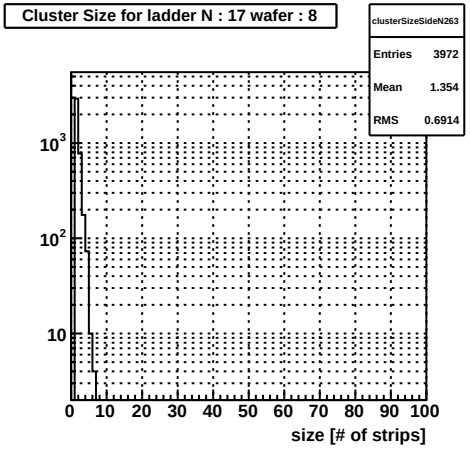

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4392
Mean 1.348
RMS 0.7315
size [# of strips]

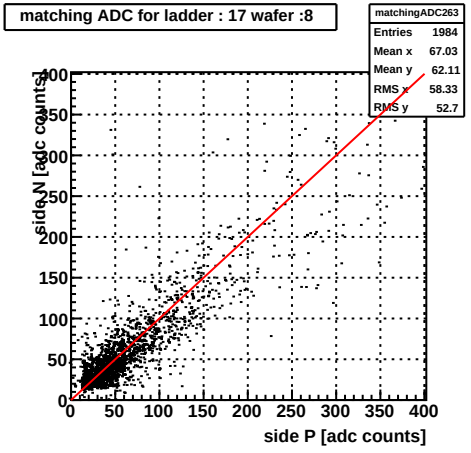

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1531
Mean x 75.07
Mean y 69.86
RMS x 57.97
RMS y 55.46
side N [adc counts]
side P [adc counts]

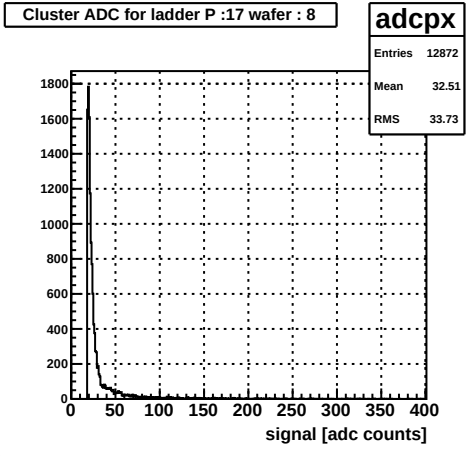

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10555
Mean 35.63
RMS 38.34
signal [adc counts]

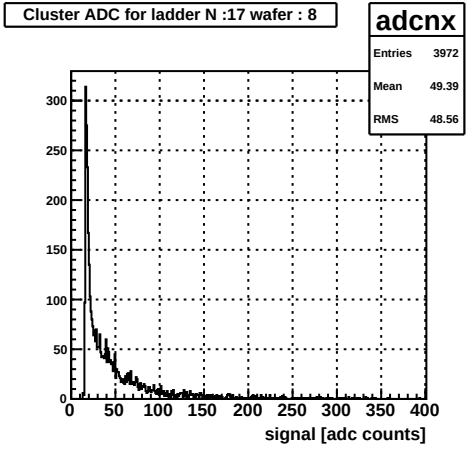

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4392
Mean 47.18
RMS 49.75
signal [adc counts]

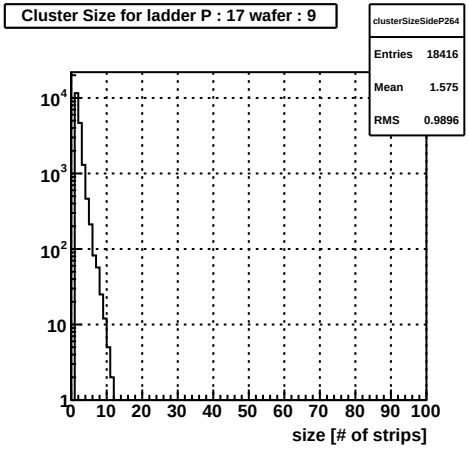

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 12872
Mean 1.095
RMS 0.3511
size [# of strips]

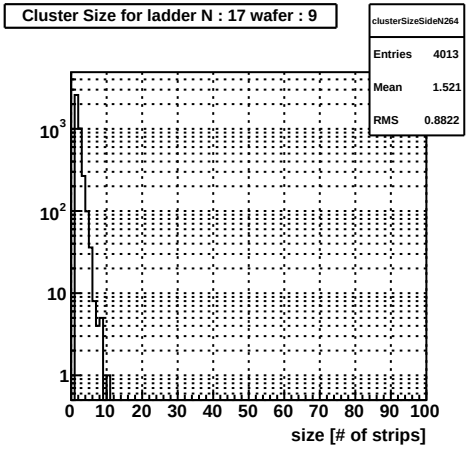

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3972
Mean 1.354
RMS 0.6914
size [# of strips]

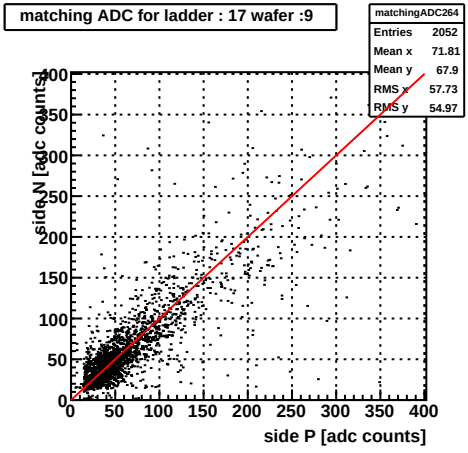

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1984
Mean x 67.03
Mean y 62.11
RMS x 58.33
RMS y 52.7
side N [adc counts]
side P [adc counts]

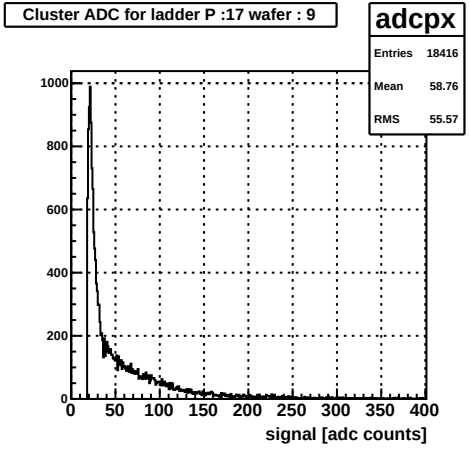

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 12872
Mean 32.51
RMS 33.73
signal [adc counts]

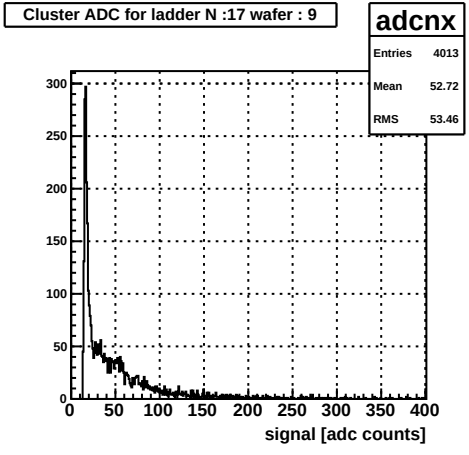

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3972
Mean 49.39
RMS 48.56
signal [adc counts]

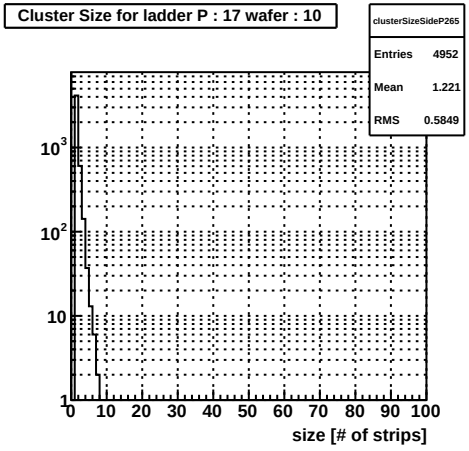

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18416
Mean 1.575
RMS 0.9896
size [# of strips]

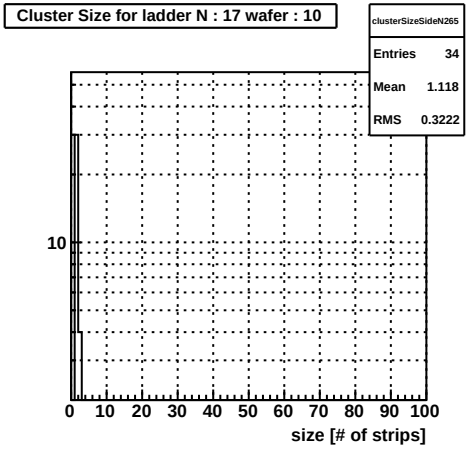

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4013
Mean 1.521
RMS 0.8822
size [# of strips]

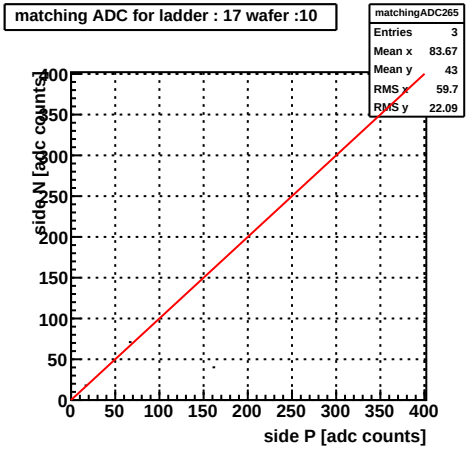

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2052
Mean x 71.81
Mean y 67.9
RMS x 57.73
RMS y 54.97
side N [adc counts]
side P [adc counts]

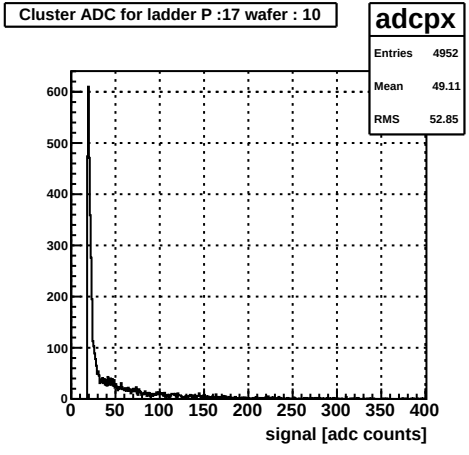

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18416
Mean 58.76
RMS 55.57
signal [adc counts]

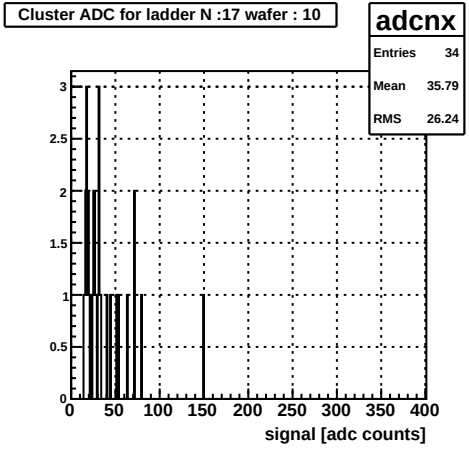

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4013
Mean 52.72
RMS 53.46
signal [adc counts]

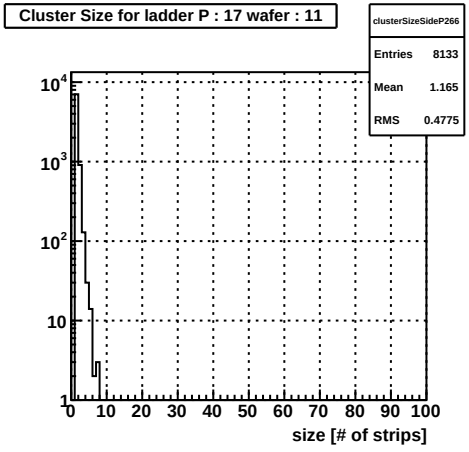

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4952
Mean 1.221
RMS 0.5849
size [# of strips]

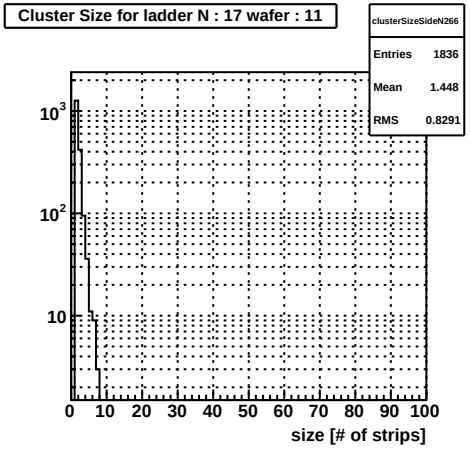

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 34
Mean 1.118
RMS 0.3222
size [# of strips]

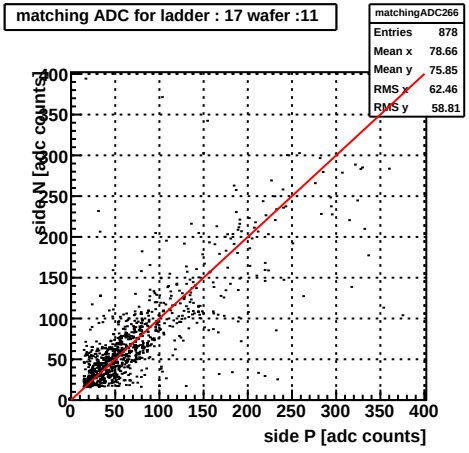

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 83.67
Mean y 43
RMS x 59.7
RMS y 22.09
side N [adc counts]
side P [adc counts]

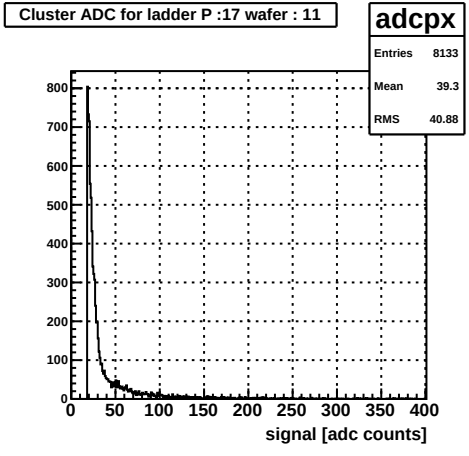

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4952
Mean 49.11
RMS 52.85
signal [adc counts]

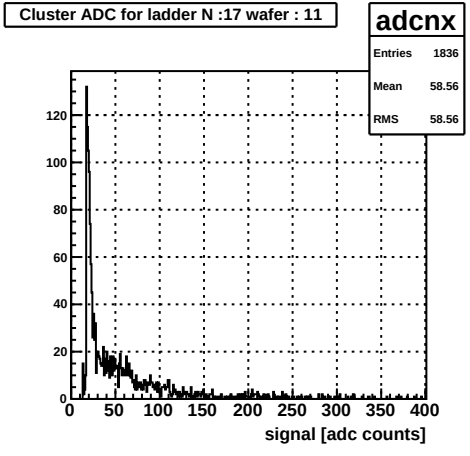

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 34
Mean 35.79
RMS 26.24
signal [adc counts]

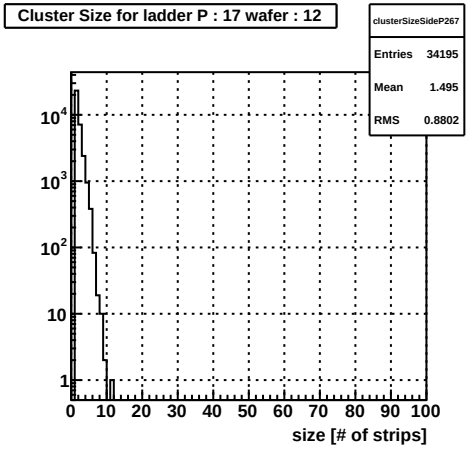

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8133
Mean 1.165
RMS 0.4775
size [# of strips]

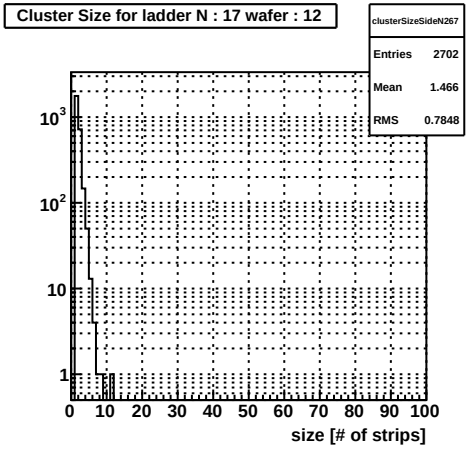

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1836
Mean 1.448
RMS 0.8291
size [# of strips]

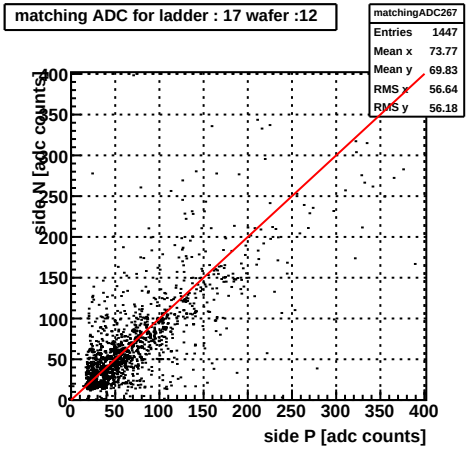

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 878
Mean x 78.66
Mean y 75.85
RMS x 62.46
RMS y 58.81
side N [adc counts]
side P [adc counts]

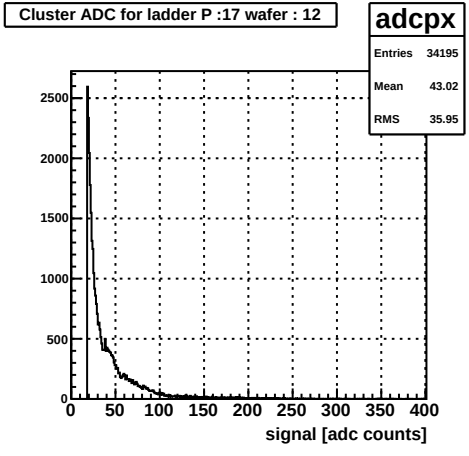

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8133
Mean 39.3
RMS 40.88
signal [adc counts]

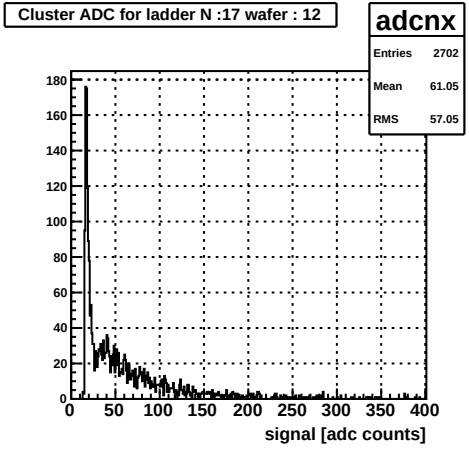

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1836
Mean 58.56
RMS 58.56
signal [adc counts]

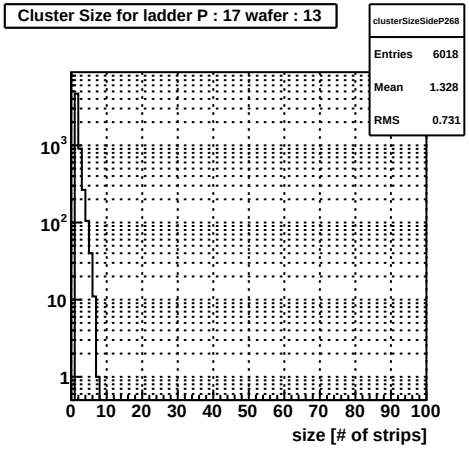

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34195
Mean 1.495
RMS 0.8802
size [# of strips]

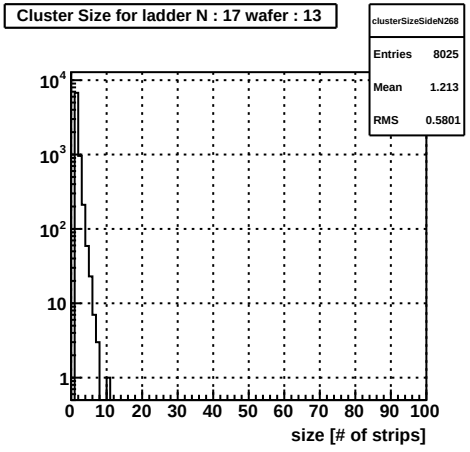

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2702
Mean 1.466
RMS 0.7848
size [# of strips]

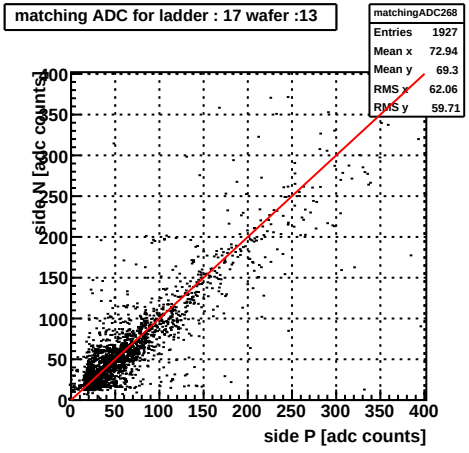

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1447
Mean x 73.77
Mean y 69.83
RMS x 56.64
RMS y 56.18
side N [adc counts]
side P [adc counts]

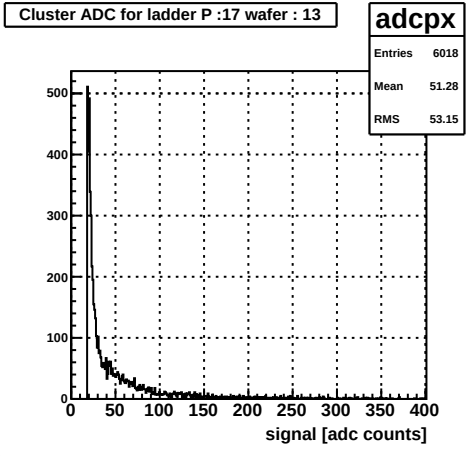

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34195
Mean 43.02
RMS 35.95
signal [adc counts]

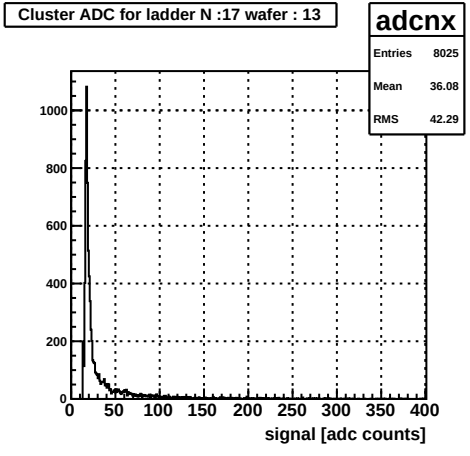

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2702
Mean 61.05
RMS 57.05
signal [adc counts]

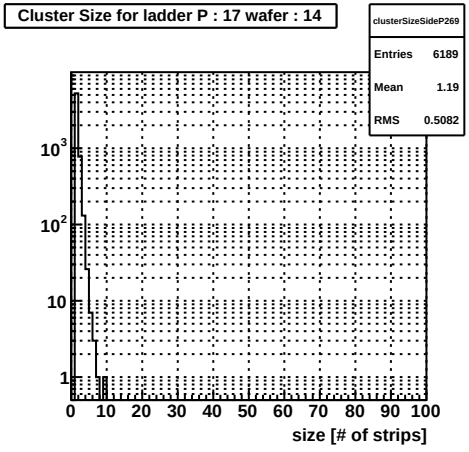

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6018
Mean 1.328
RMS 0.731
size [# of strips]

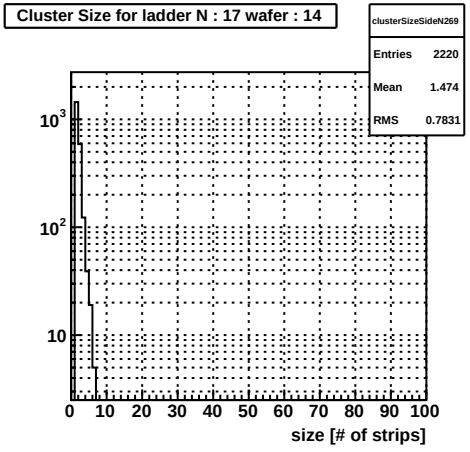

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8025
Mean 1.213
RMS 0.5801
size [# of strips]

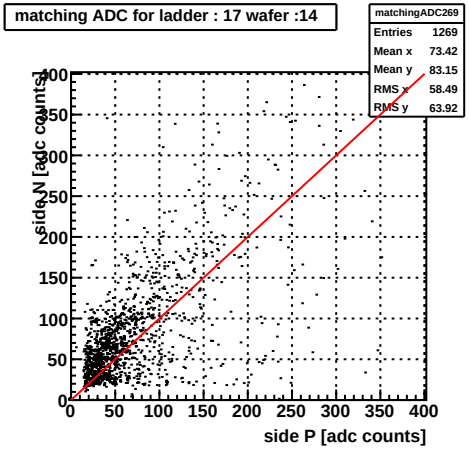

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1927
Mean x 72.94
Mean y 69.3
RMS x 62.06
RMS y 59.71
side N [adc counts]
side P [adc counts]

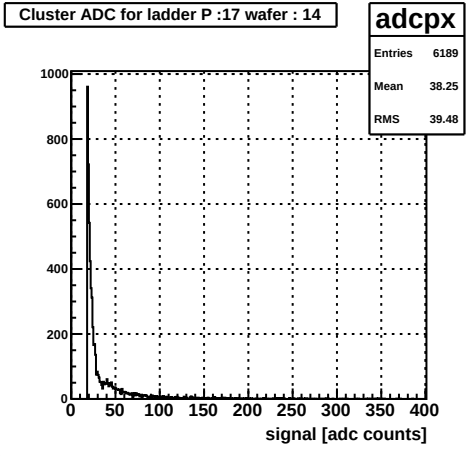

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6018
Mean 51.28
RMS 53.15
signal [adc counts]

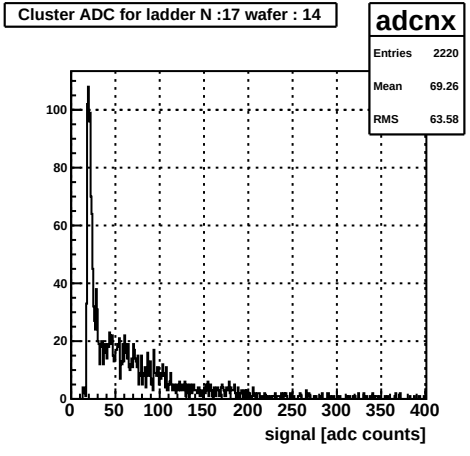

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8025
Mean 36.08
RMS 42.29
signal [adc counts]

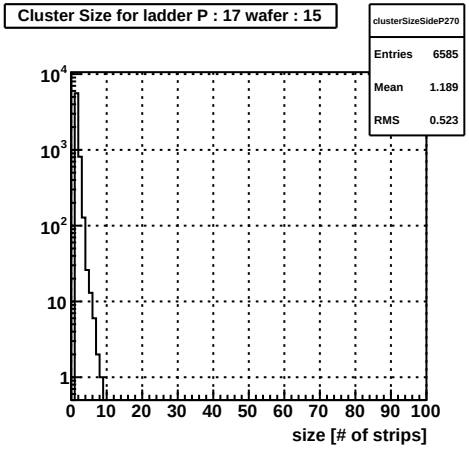

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6189
Mean 1.19
RMS 0.5082
size [# of strips]

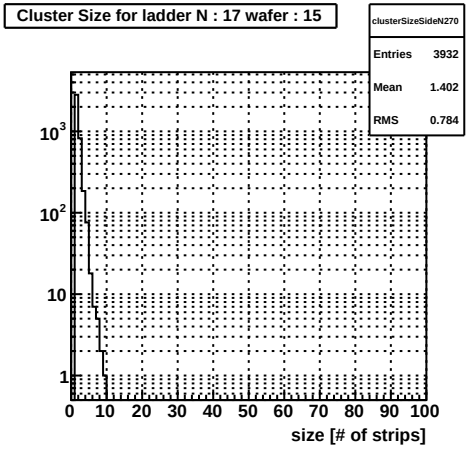

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2220
Mean 1.474
RMS 0.7831
size [# of strips]

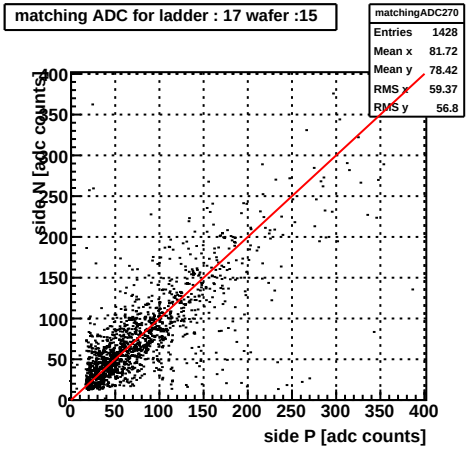

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1269
Mean x 73.42
Mean y 83.15
RMS x 58.49
RMS y 63.92
side N [adc counts]
side P [adc counts]

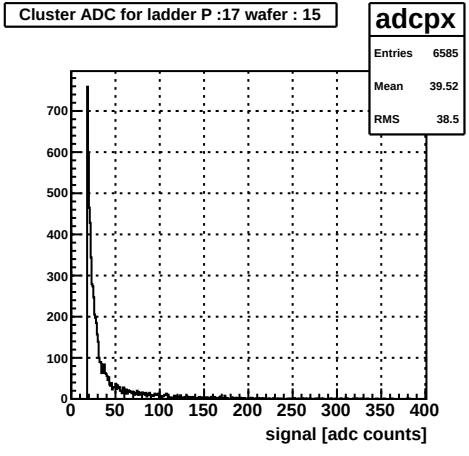

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6189
Mean 38.25
RMS 39.48
signal [adc counts]

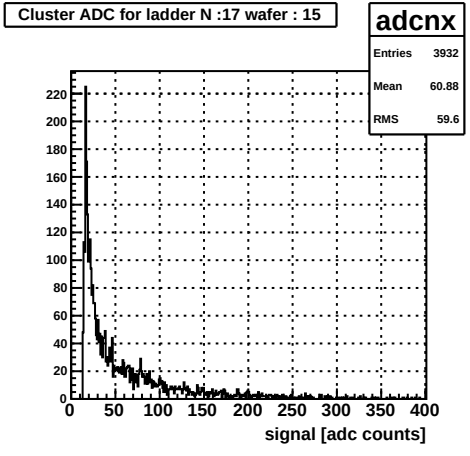

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2220
Mean 69.26
RMS 63.58
signal [adc counts]

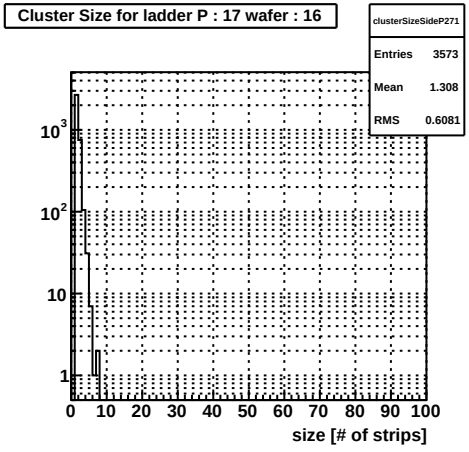

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6585
Mean 1.189
RMS 0.523
size [# of strips]

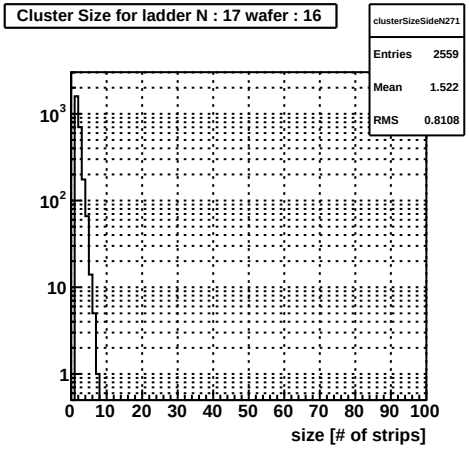

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3932
Mean 1.402
RMS 0.784
size [# of strips]

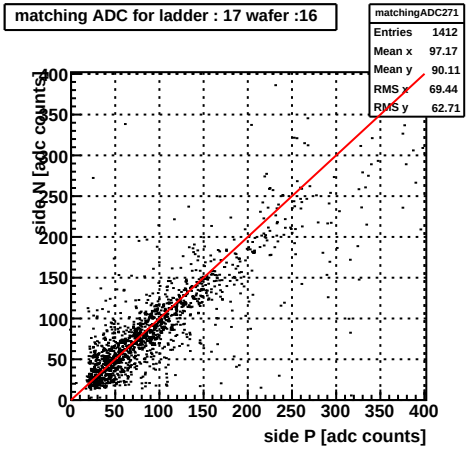

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1428
Mean x 81.72
Mean y 78.42
RMS x 59.37
RMS y 56.8
side N [adc counts]
side P [adc counts]

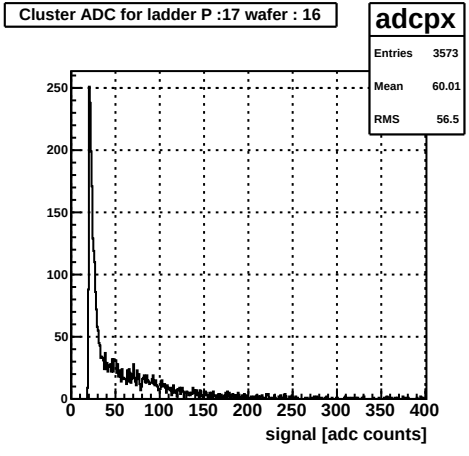

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6585
Mean 39.52
RMS 38.5
signal [adc counts]

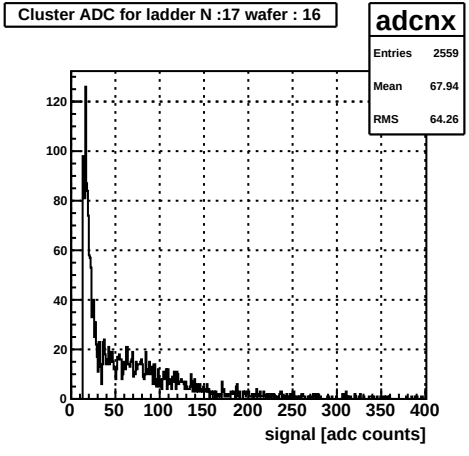

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3932
Mean 60.88
RMS 59.6
signal [adc counts]

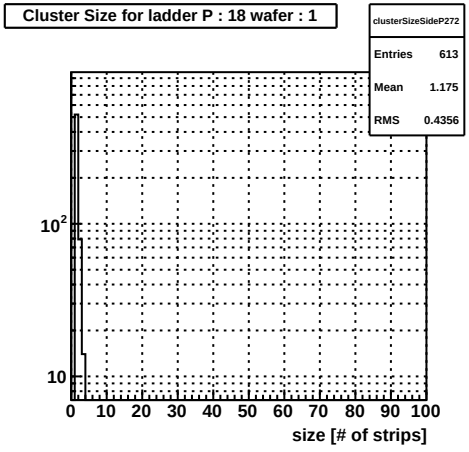

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3573
Mean 1.308
RMS 0.6081
size [# of strips]

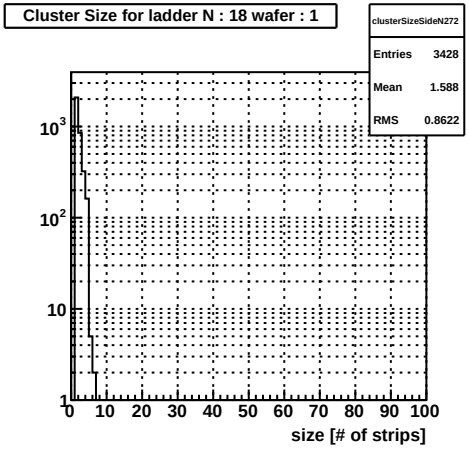

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2559
Mean 1.522
RMS 0.8108
size [# of strips]

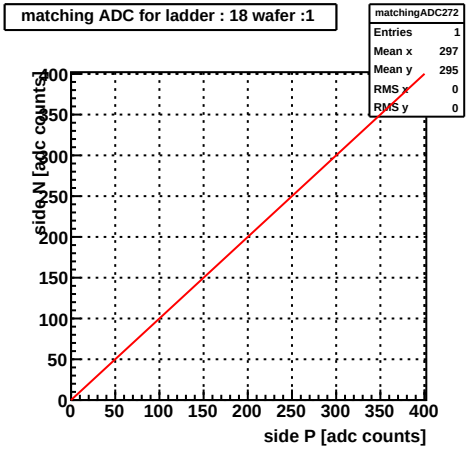

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1412
Mean x 97.17
Mean y 90.11
RMS x 69.44
RMS y 62.71
side N [adc counts]
side P [adc counts]

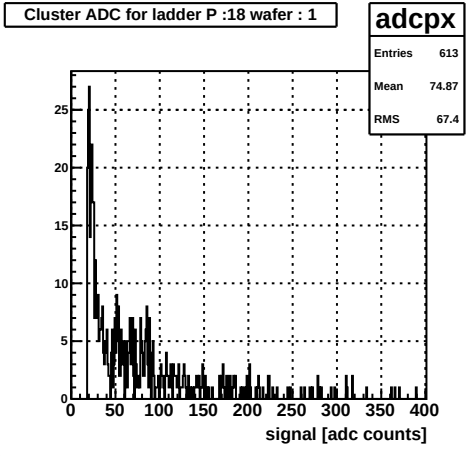

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3573
Mean 60.01
RMS 56.5
signal [adc counts]

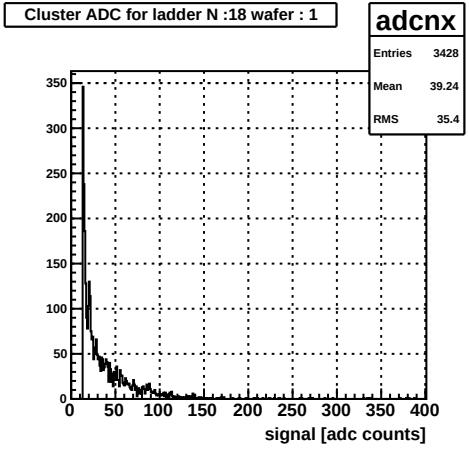

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2559
Mean 67.94
RMS 64.26
signal [adc counts]

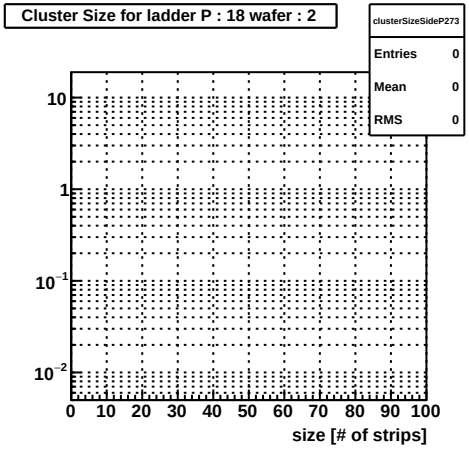

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 613
Mean 1.175
RMS 0.4356
size [# of strips]

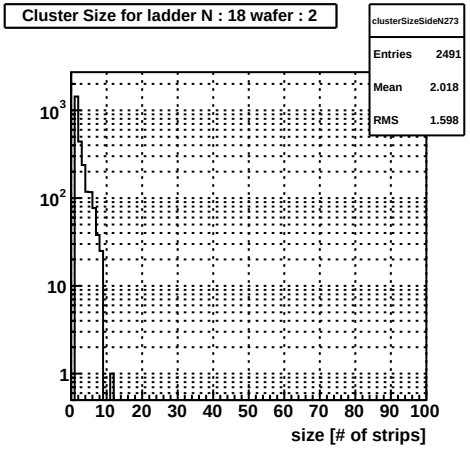

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3428
Mean 1.588
RMS 0.8622
size [# of strips]

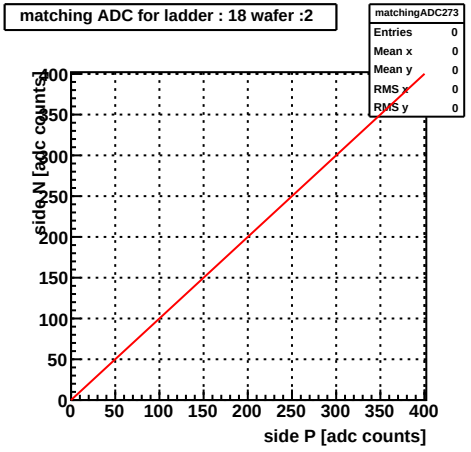

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 297
Mean y 295
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

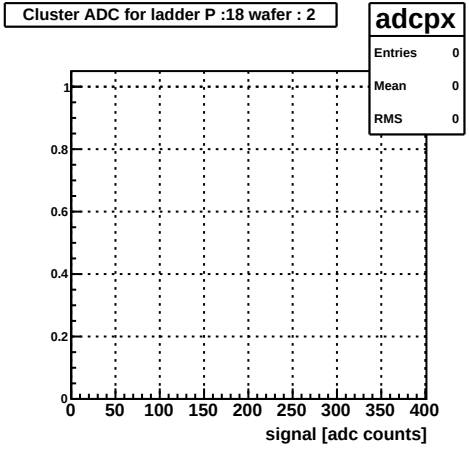

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 613
Mean 74.87
RMS 67.4
signal [adc counts]

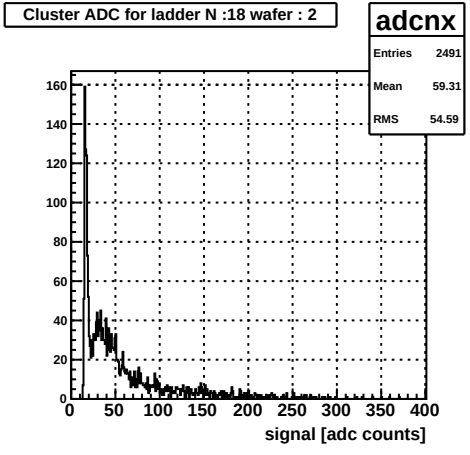

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3428
Mean 39.24
RMS 35.4
signal [adc counts]

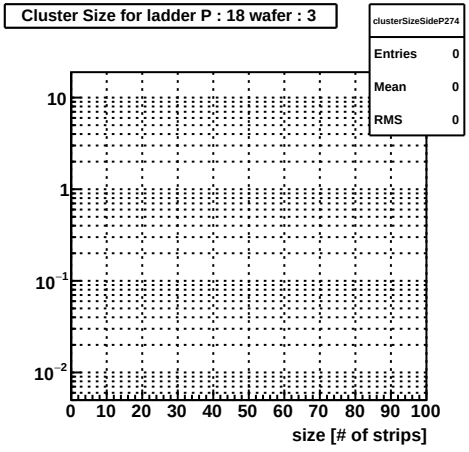

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

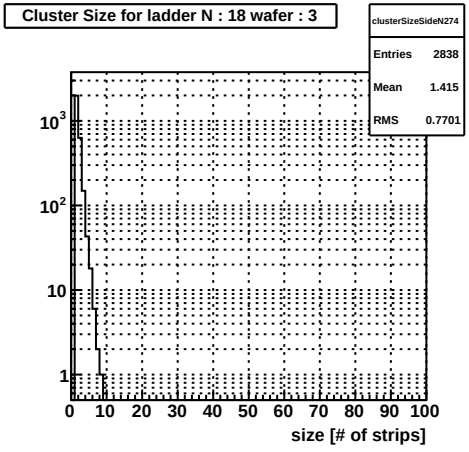

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2491
Mean 2.018
RMS 1.598
size [# of strips]

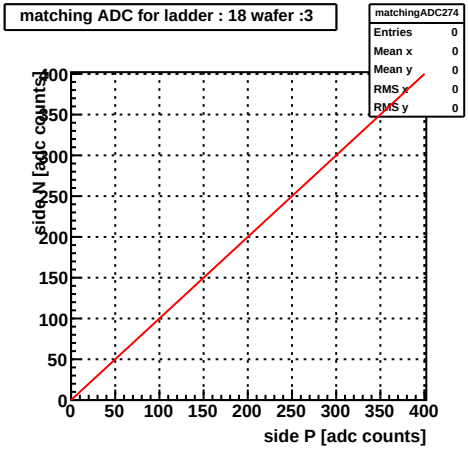

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

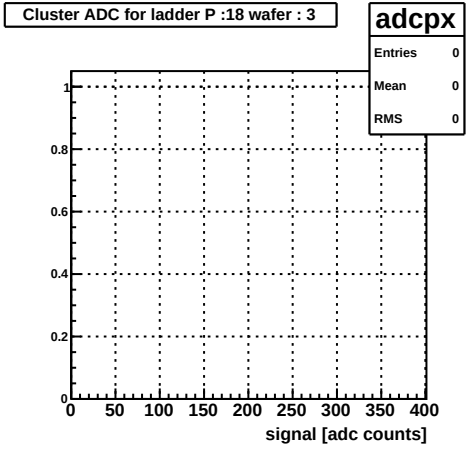

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

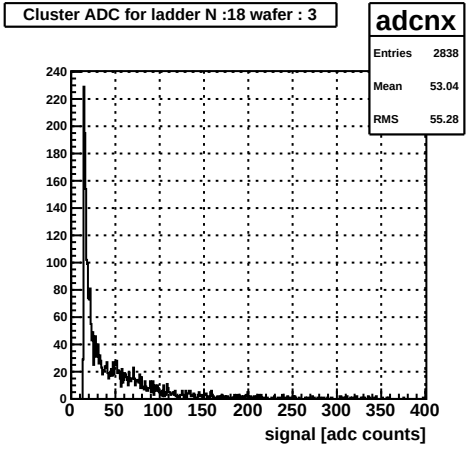

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2491
Mean 59.31
RMS 54.59
signal [adc counts]

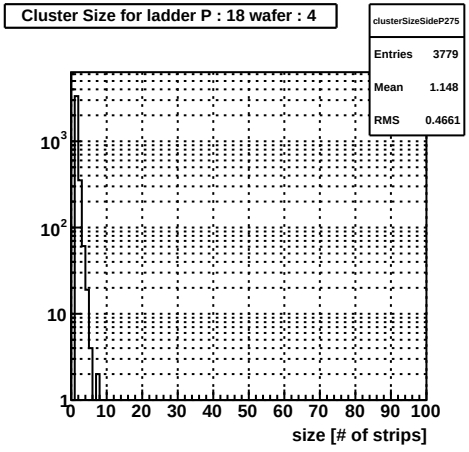

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

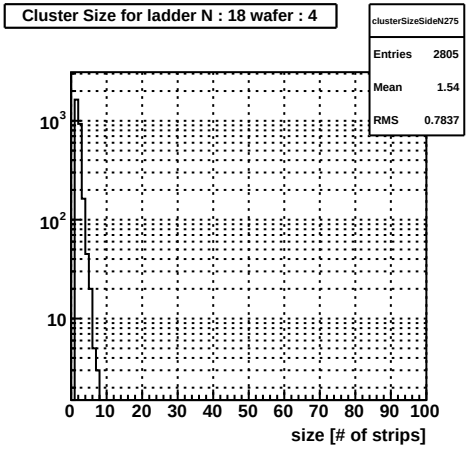

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2838
Mean 1.415
RMS 0.7701
size [# of strips]

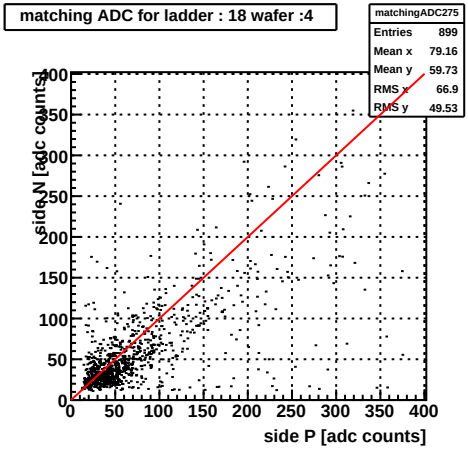

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

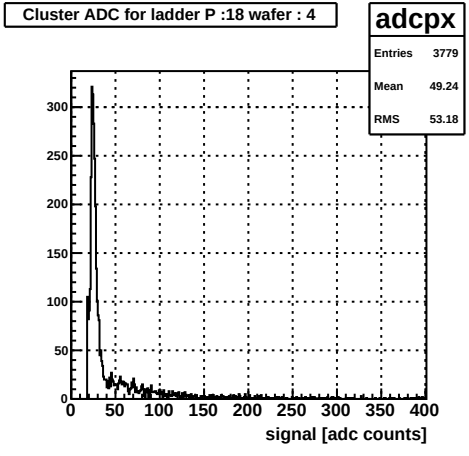

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

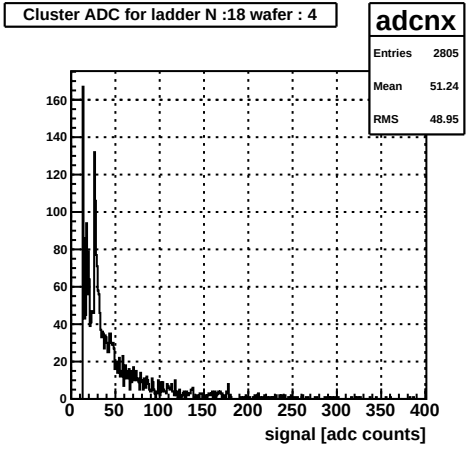

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2838
Mean 53.04
RMS 55.28
signal [adc counts]

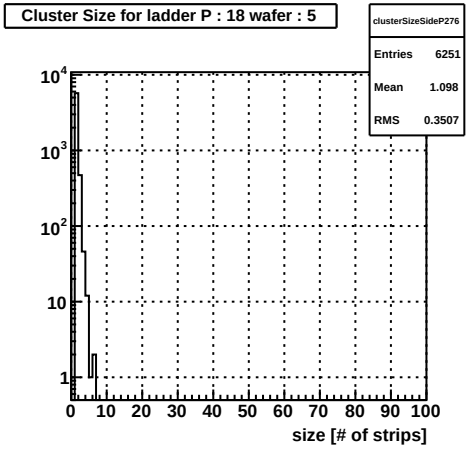

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3779
Mean 1.148
RMS 0.4661
size [# of strips]

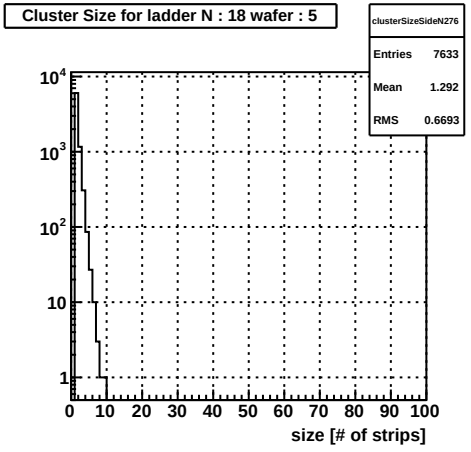

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2805
Mean 1.54
RMS 0.7837
size [# of strips]

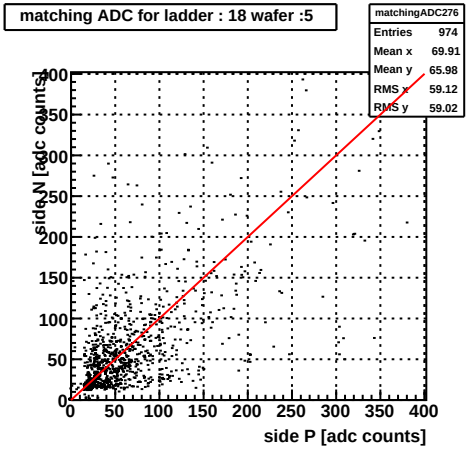

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 899
Mean x 79.16
Mean y 59.73
RMS x 66.9
RMS y 49.53
side N [adc counts]
side P [adc counts]

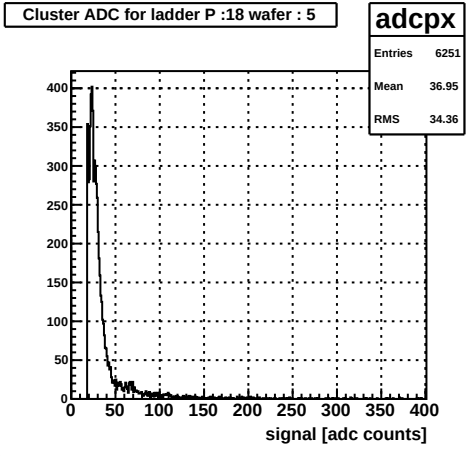

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3779
Mean 49.24
RMS 53.18
signal [adc counts]

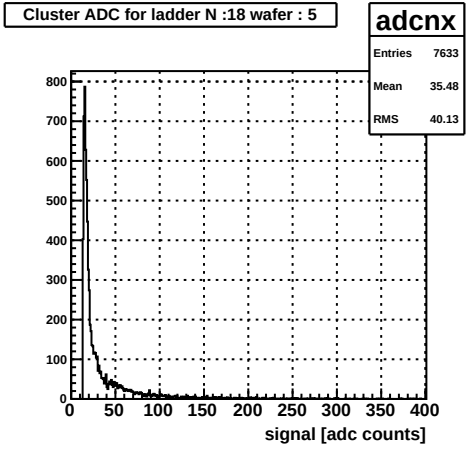

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2805
Mean 51.24
RMS 48.95
signal [adc counts]

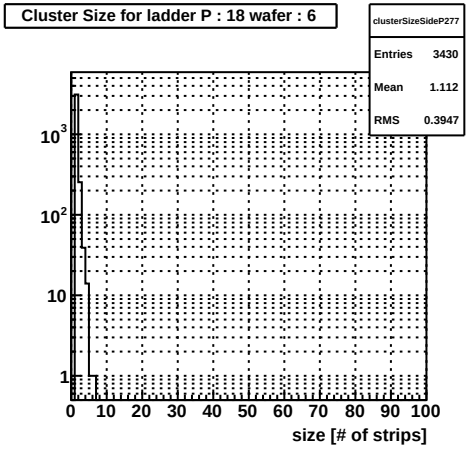

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6251
Mean 1.098
RMS 0.3507
size [# of strips]

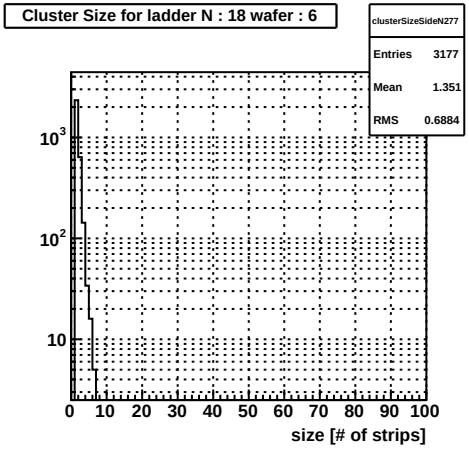

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7633
Mean 1.292
RMS 0.6693
size [# of strips]

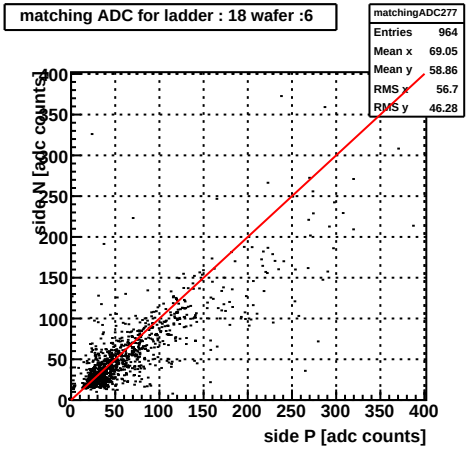

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 974
Mean x 69.91
Mean y 65.98
RMS x 59.12
RMS y 59.02
side N [adc counts]
side P [adc counts]

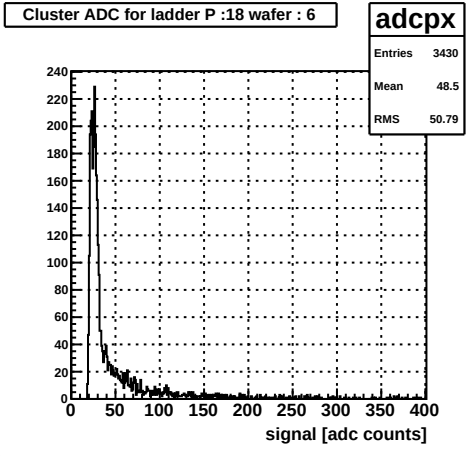

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6251
Mean 36.95
RMS 34.36
signal [adc counts]

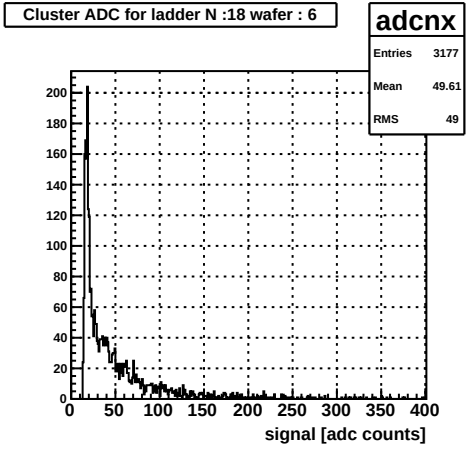

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7633
Mean 35.48
RMS 40.13
signal [adc counts]

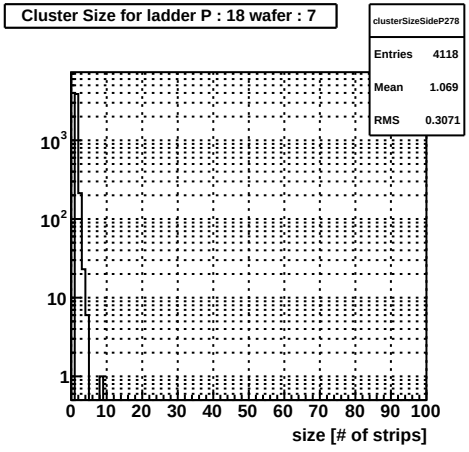

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3430
Mean 1.112
RMS 0.3947
size [# of strips]

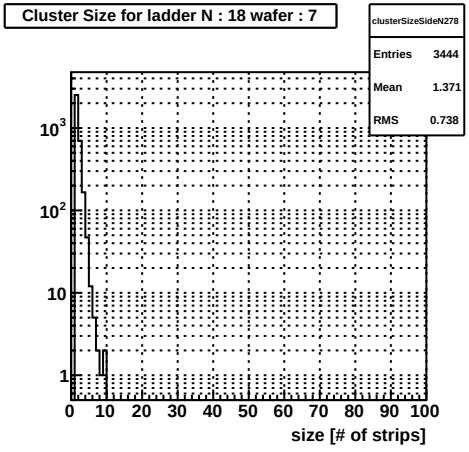

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3177
Mean 1.351
RMS 0.6884
size [# of strips]

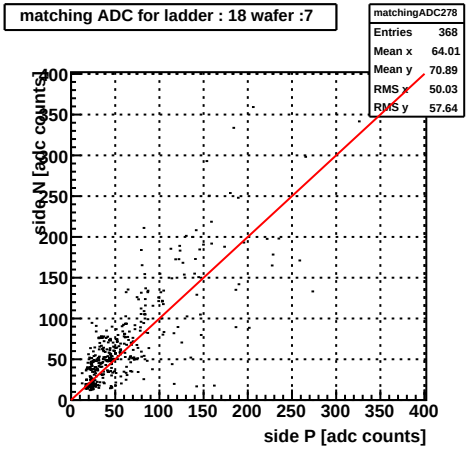

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 964
Mean x 69.05
Mean y 58.86
RMS x 56.7
RMS y 46.28
side N [adc counts]
side P [adc counts]

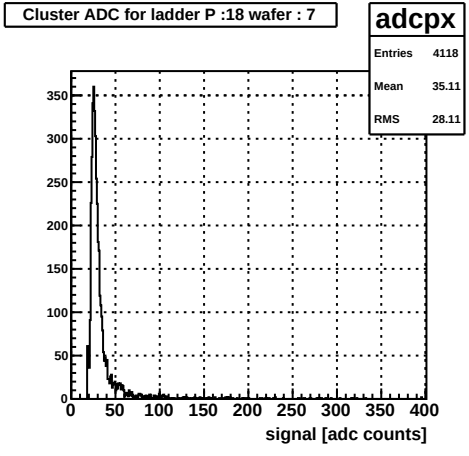

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3430
Mean 48.5
RMS 50.79
signal [adc counts]

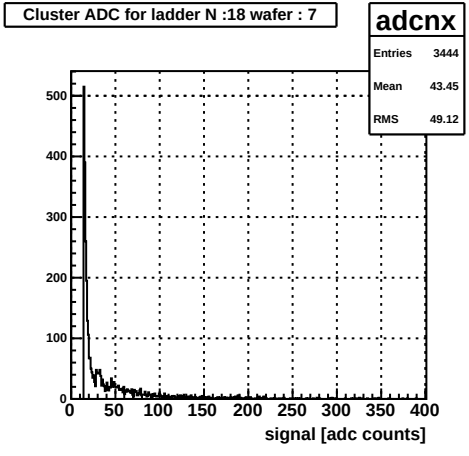

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3177
Mean 49.61
RMS 49
signal [adc counts]

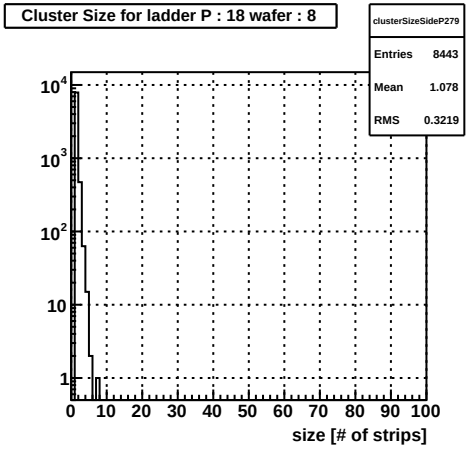

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4118
Mean 1.069
RMS 0.3071
size [# of strips]

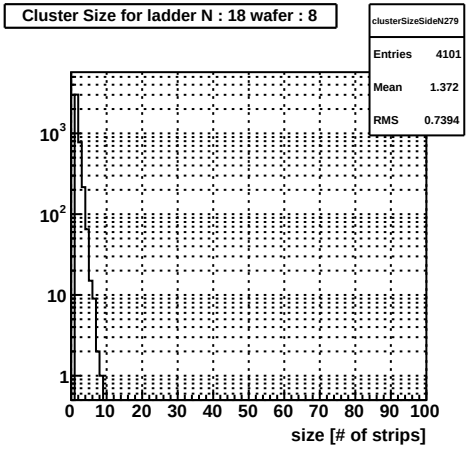

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3444
Mean 1.371
RMS 0.738
size [# of strips]

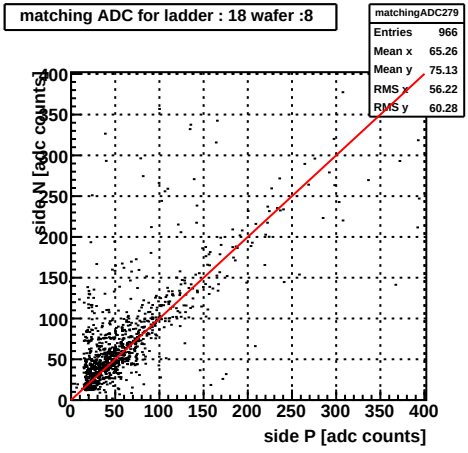

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 368
Mean x 64.01
Mean y 70.89
RMS x 50.03
RMS y 57.64
side N [adc counts]
side P [adc counts]

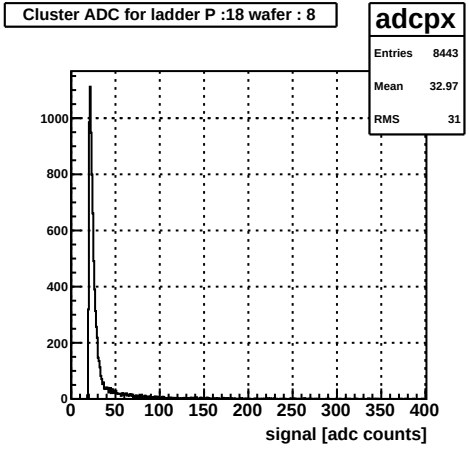

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4118
Mean 35.11
RMS 28.11
signal [adc counts]

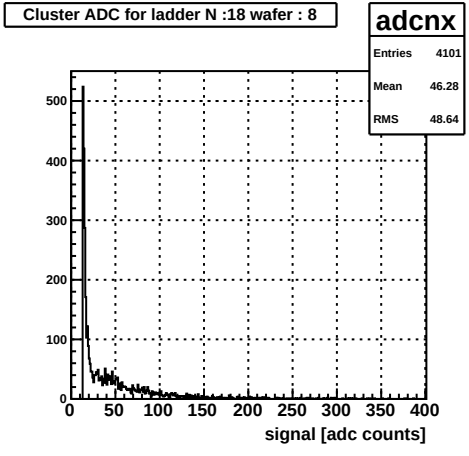

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3444
Mean 43.45
RMS 49.12
signal [adc counts]

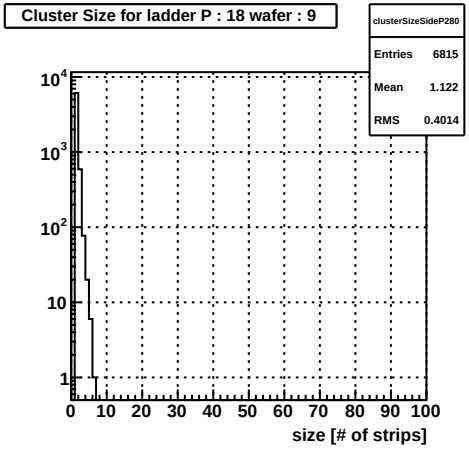

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8443
Mean 1.078
RMS 0.3219
size [# of strips]

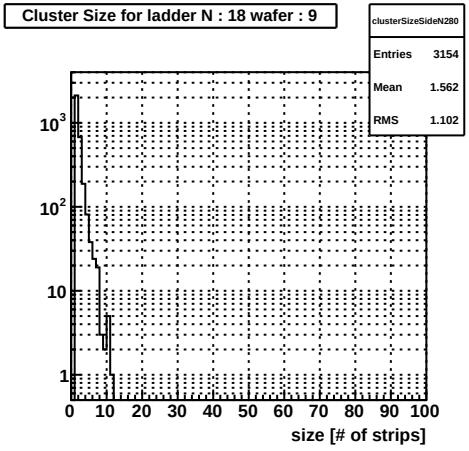

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4101
Mean 1.372
RMS 0.7394
size [# of strips]

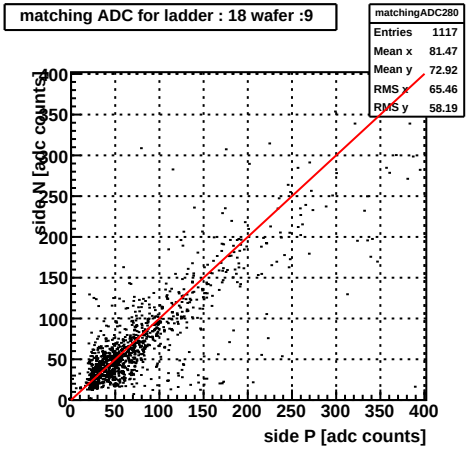

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 966
Mean x 65.26
Mean y 75.13
RMS x 56.22
RMS y 60.28
side N [adc counts]
side P [adc counts]

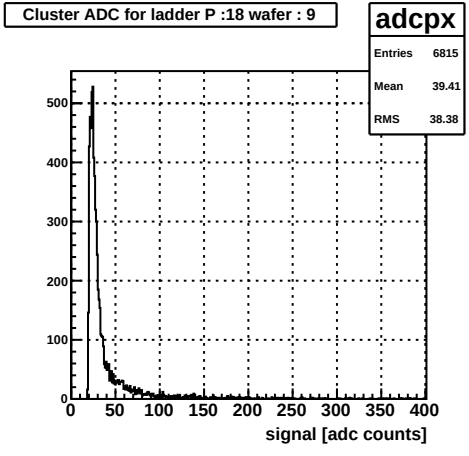

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8443
Mean 32.97
RMS 31
signal [adc counts]

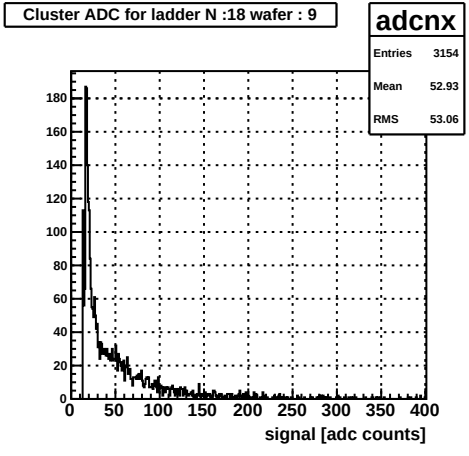

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4101
Mean 46.28
RMS 48.64
signal [adc counts]

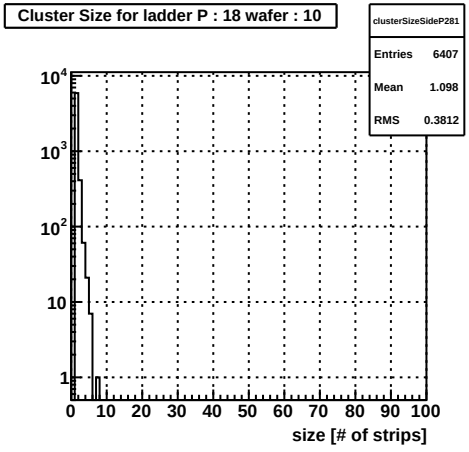

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6815
Mean 1.122
RMS 0.4014
size [# of strips]

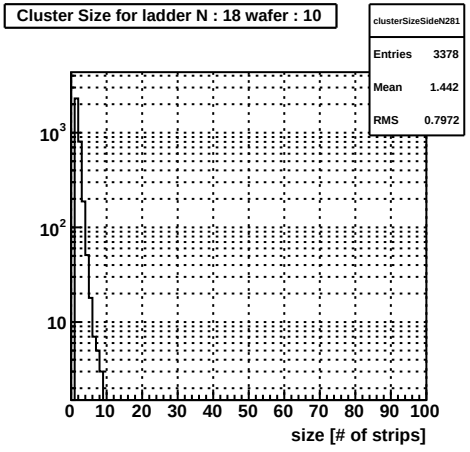

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3154
Mean 1.562
RMS 1.102
size [# of strips]

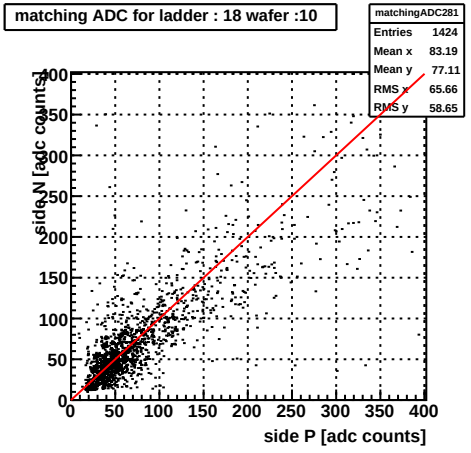

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1117
Mean x 81.47
Mean y 72.92
RMS x 65.46
RMS y 58.19
side N [adc counts]
side P [adc counts]

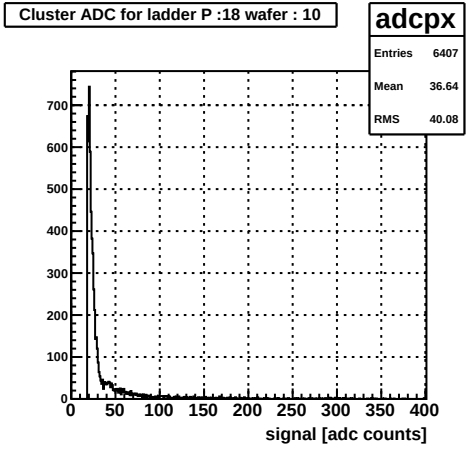

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6815
Mean 39.41
RMS 38.38
signal [adc counts]

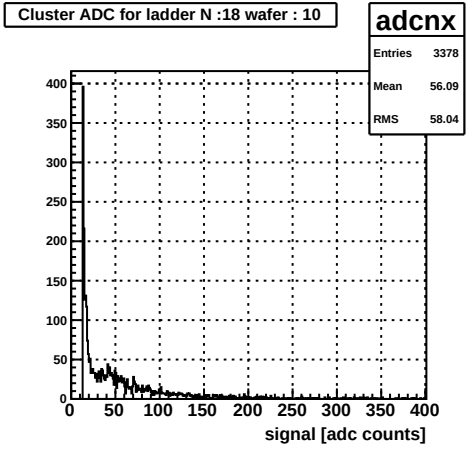

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3154
Mean 52.93
RMS 53.06
signal [adc counts]

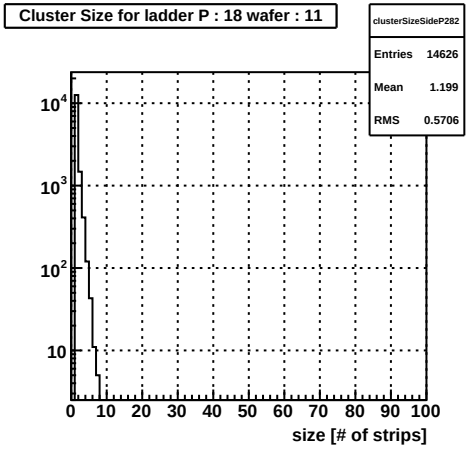

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6407
Mean 1.098
RMS 0.3812
size [# of strips]

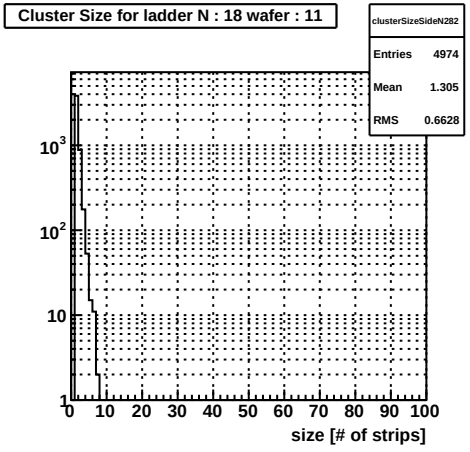

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3378
Mean 1.442
RMS 0.7972
size [# of strips]

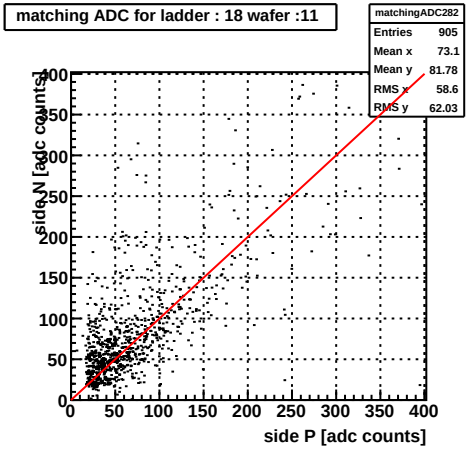

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1424
Mean x 83.19
Mean y 77.11
RMS x 65.66
RMS y 58.65
side N [adc counts]
side P [adc counts]

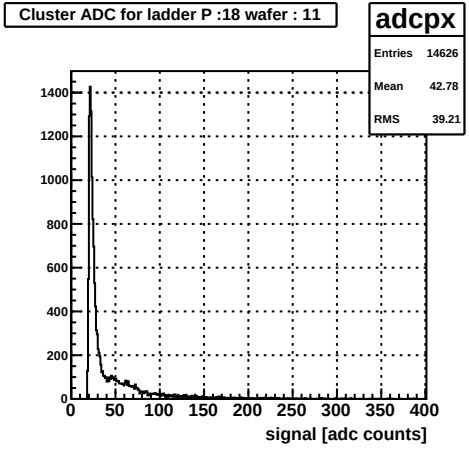

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6407
Mean 36.64
RMS 40.08
signal [adc counts]

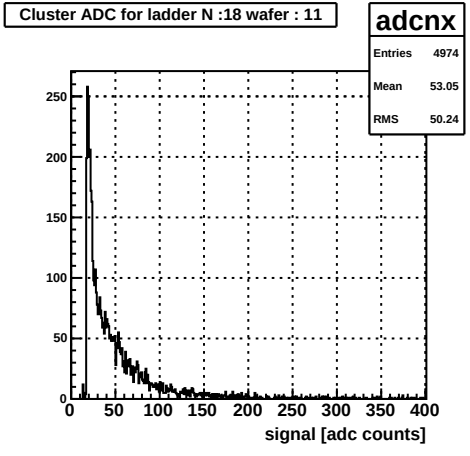

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3378
Mean 56.09
RMS 58.04
signal [adc counts]

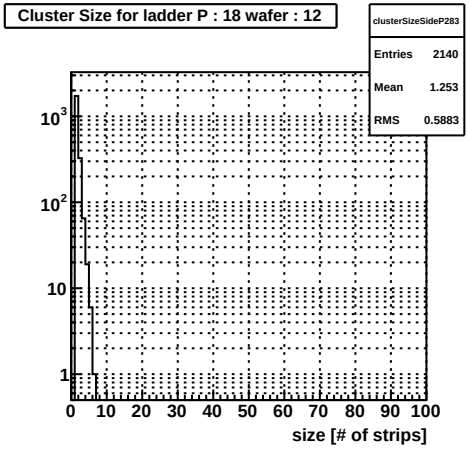

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14626
Mean 1.199
RMS 0.5706
size [# of strips]

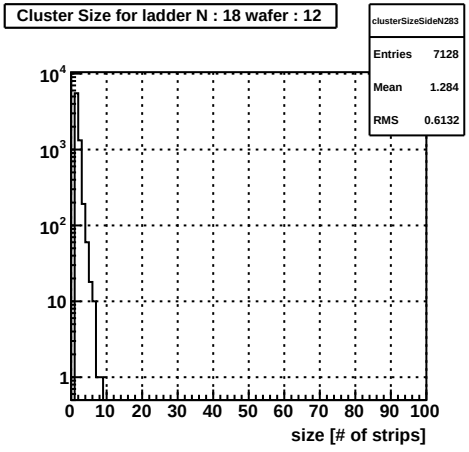

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4974
Mean 1.305
RMS 0.6628
size [# of strips]

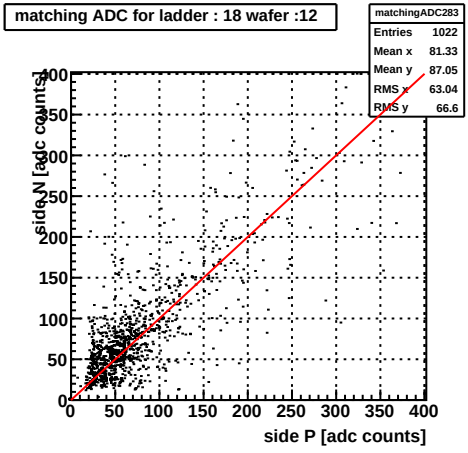

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 905
Mean x 73.1
Mean y 81.78
RMS x 58.6
RMS y 62.03
side N [adc counts]
side P [adc counts]

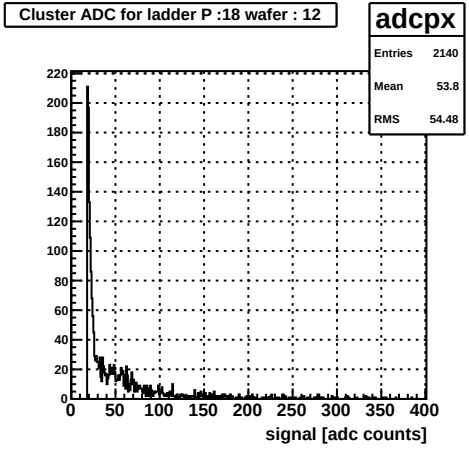

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14626
Mean 42.78
RMS 39.21
signal [adc counts]

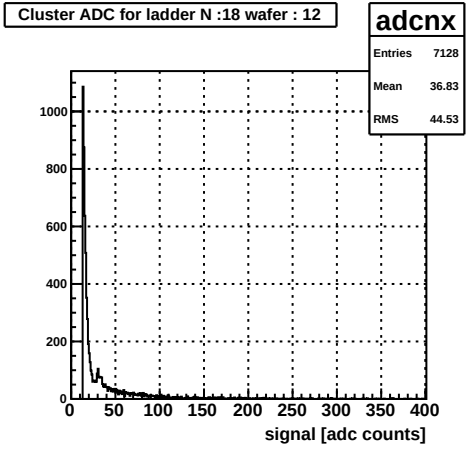

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4974
Mean 53.05
RMS 50.24
signal [adc counts]

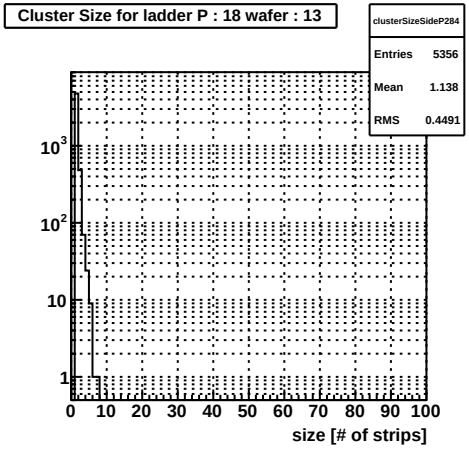

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2140
Mean 1.253
RMS 0.5883
size [# of strips]

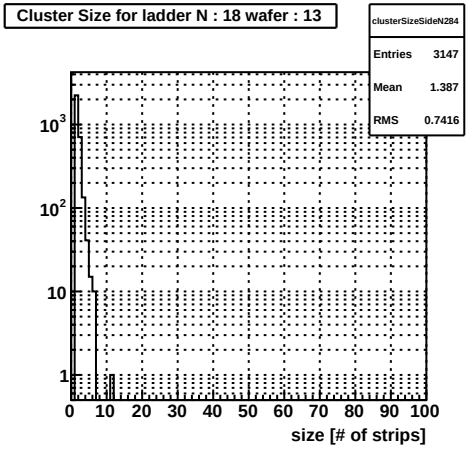

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7128
Mean 1.284
RMS 0.6132
size [# of strips]

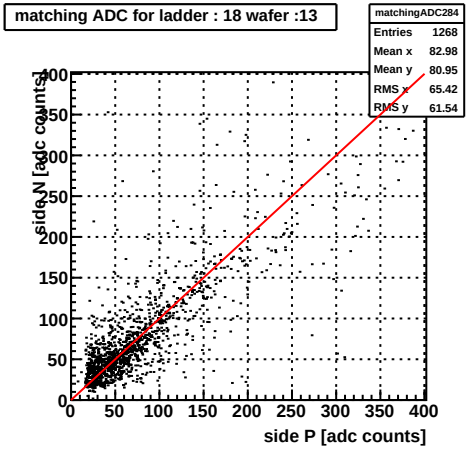

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1022
Mean x 81.33
Mean y 87.05
RMS x 63.04
RMS y 66.6
side N [adc counts]
side P [adc counts]

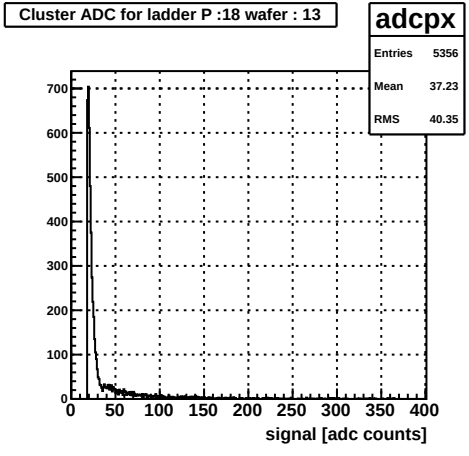

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2140
Mean 53.8
RMS 54.48
signal [adc counts]

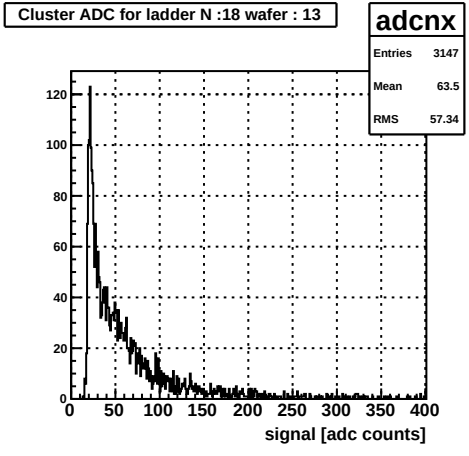

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7128
Mean 36.83
RMS 44.53
signal [adc counts]

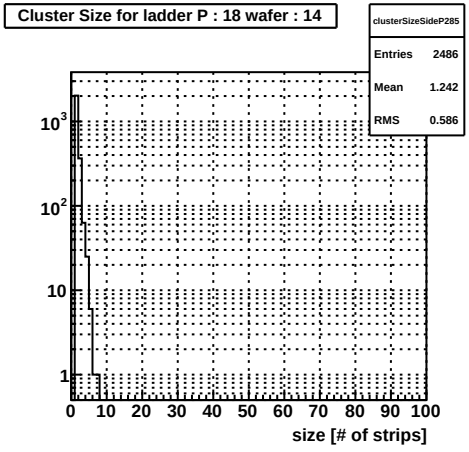

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5356
Mean 1.138
RMS 0.4491
size [# of strips]

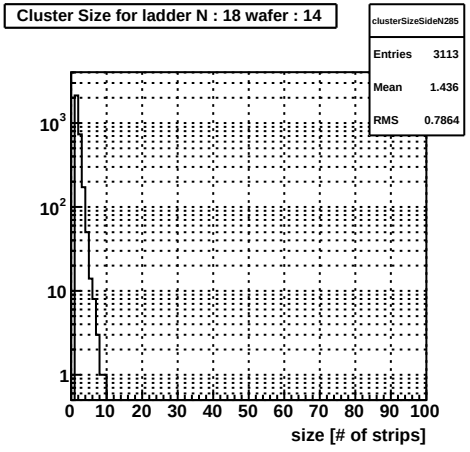

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3147
Mean 1.387
RMS 0.7416
size [# of strips]

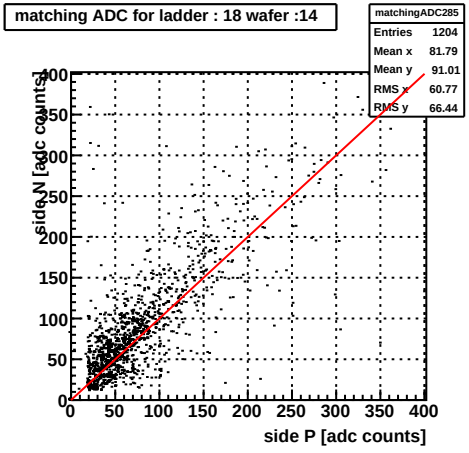

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1268
Mean x 82.98
Mean y 80.95
RMS x 65.42
RMS y 61.54
side N [adc counts]
side P [adc counts]

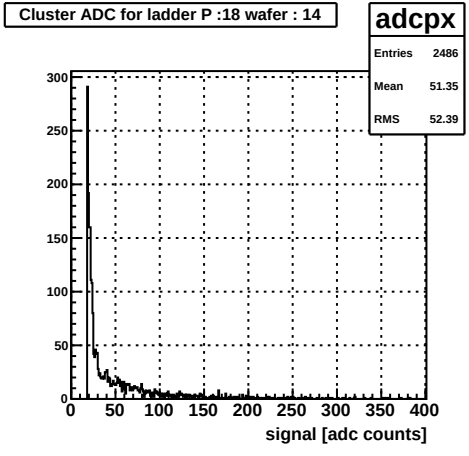

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5356
Mean 37.23
RMS 40.35
signal [adc counts]

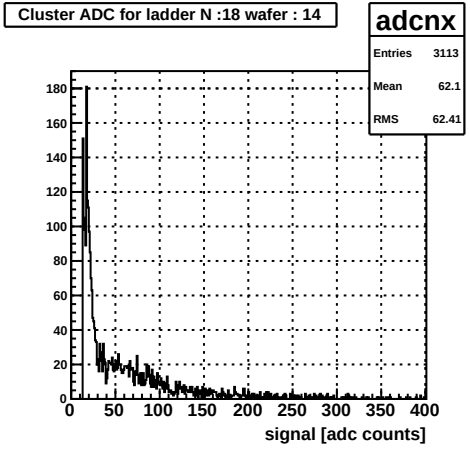

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3147
Mean 63.5
RMS 57.34
signal [adc counts]

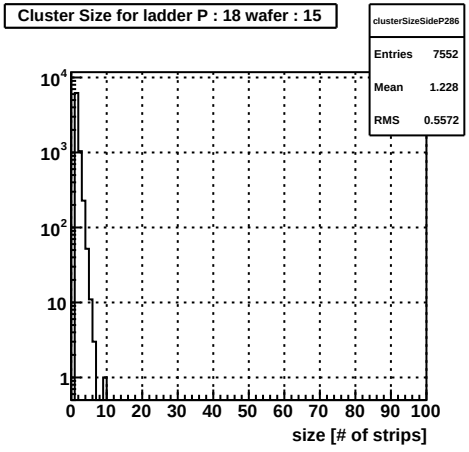

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2486
Mean 1.242
RMS 0.586
size [# of strips]

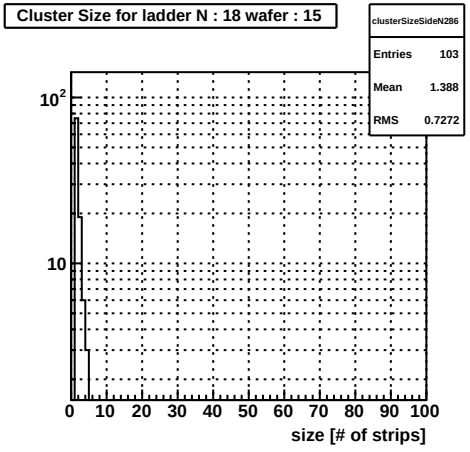

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3113
Mean 1.436
RMS 0.7864
size [# of strips]

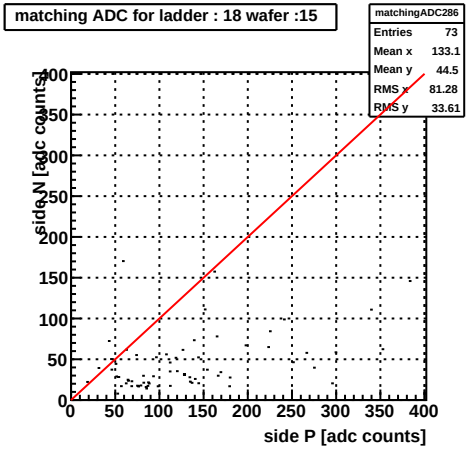

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1204
Mean x 81.79
Mean y 91.01
RMS x 60.77
RMS y 66.44
side N [adc counts]
side P [adc counts]

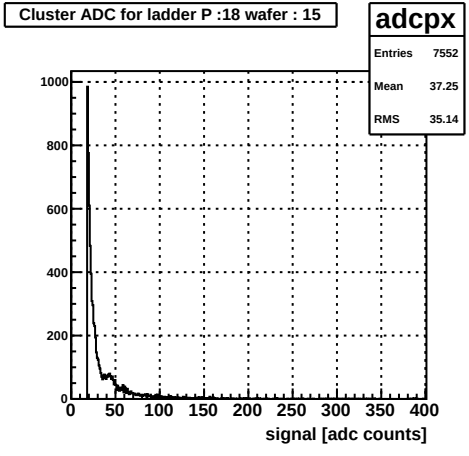

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2486
Mean 51.35
RMS 52.39
signal [adc counts]

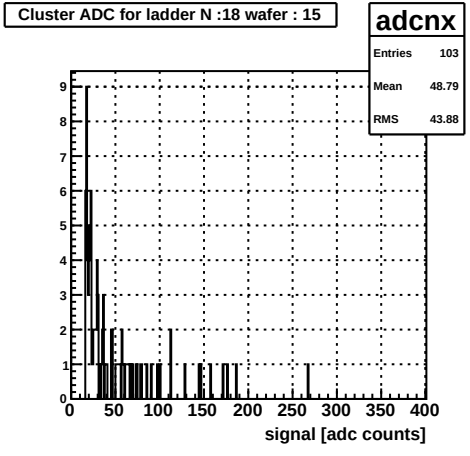

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3113
Mean 62.1
RMS 62.41
signal [adc counts]

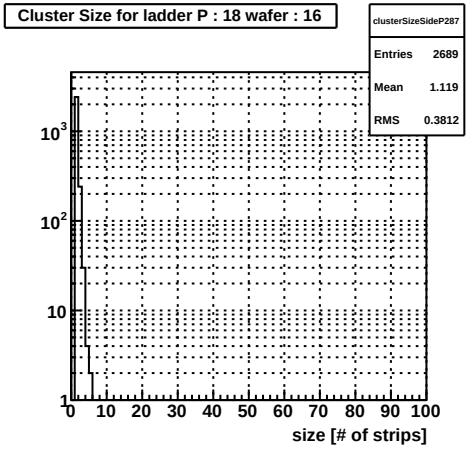

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7552
Mean 1.228
RMS 0.5572
size [# of strips]

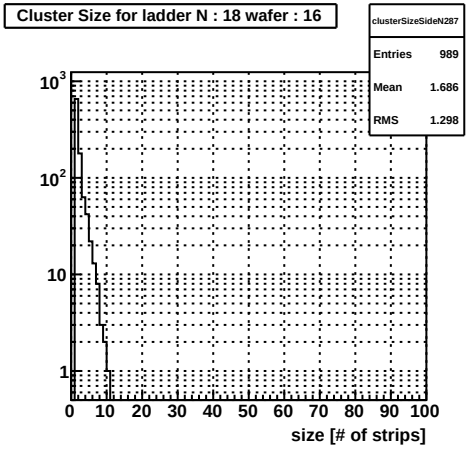

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 103
Mean 1.388
RMS 0.7272
size [# of strips]

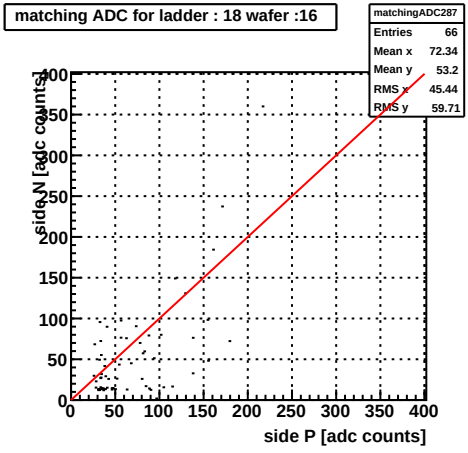

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 73
Mean x 133.1
Mean y 44.5
RMS x 81.28
RMS y 33.61
side N [adc counts]
side P [adc counts]

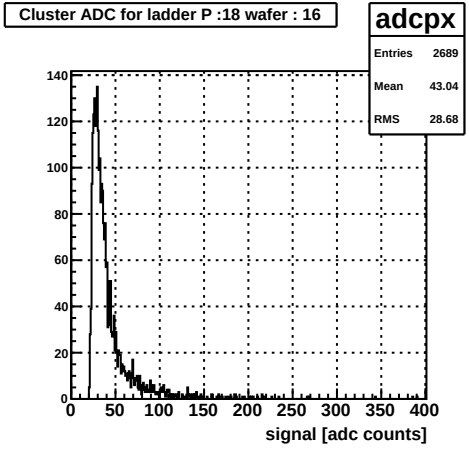

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7552
Mean 37.25
RMS 35.14
signal [adc counts]

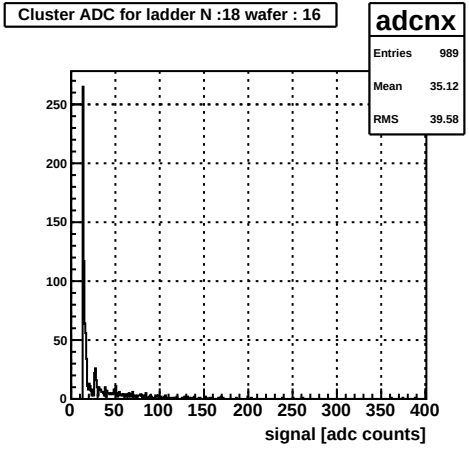

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 103
Mean 48.79
RMS 43.88
signal [adc counts]

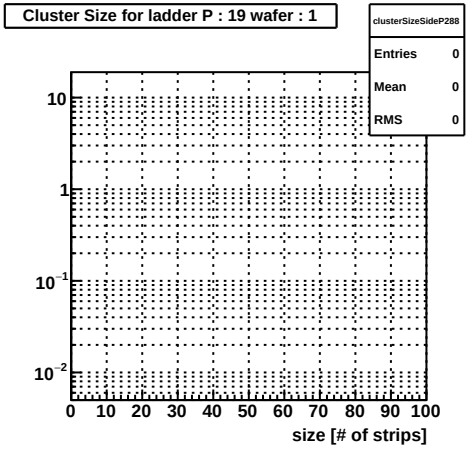

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2689
Mean 1.119
RMS 0.3812
size [# of strips]

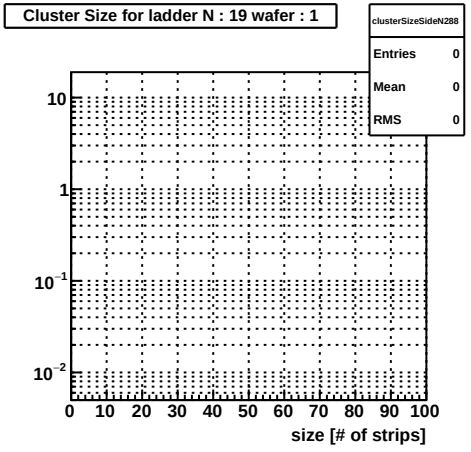

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 989
Mean 1.686
RMS 1.298
size [# of strips]

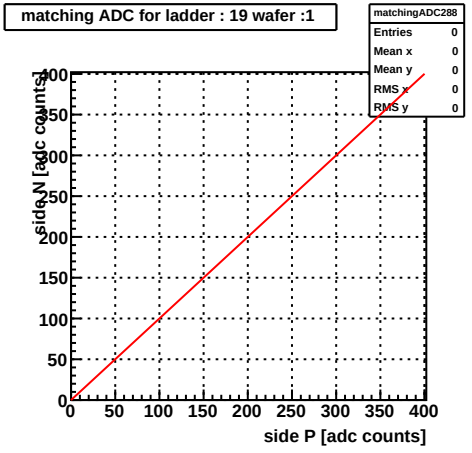

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 66
Mean x 72.34
Mean y 53.2
RMS x 45.44
RMS y 59.71
side N [adc counts]
side P [adc counts]

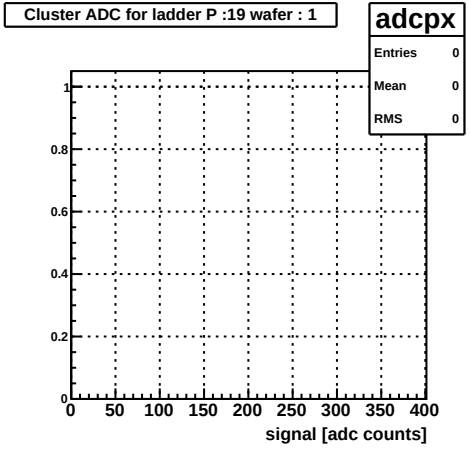

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2689
Mean 43.04
RMS 28.68
signal [adc counts]

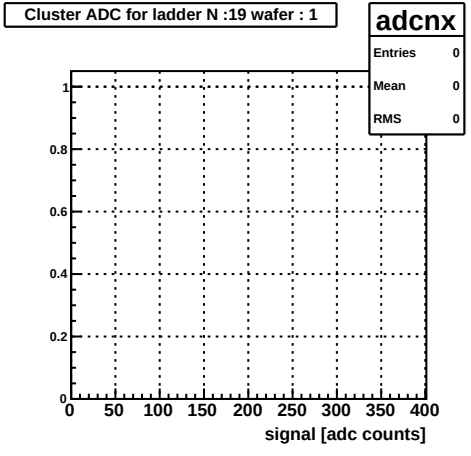

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 989
Mean 35.12
RMS 39.58
signal [adc counts]

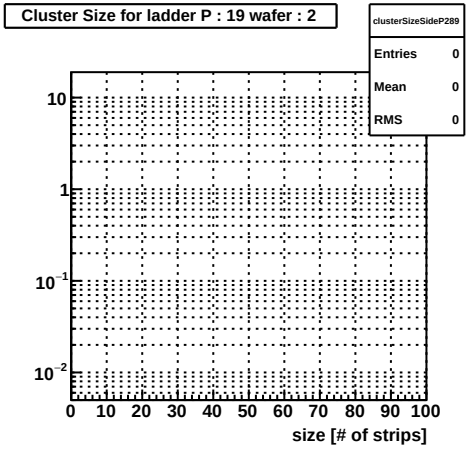

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

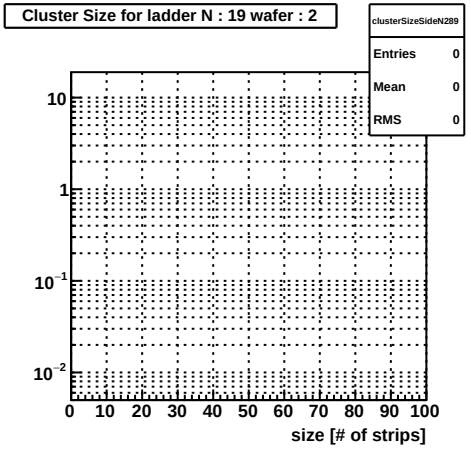

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

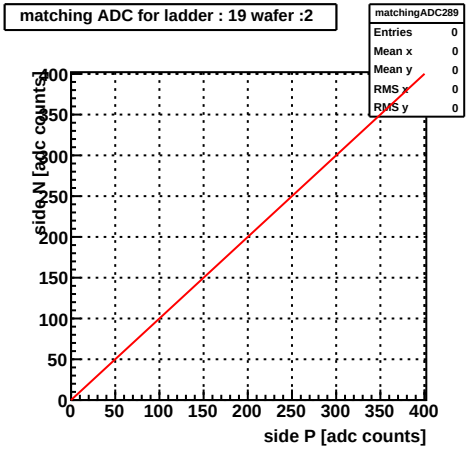

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

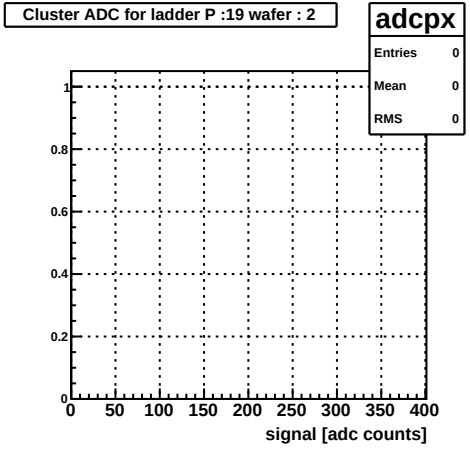

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

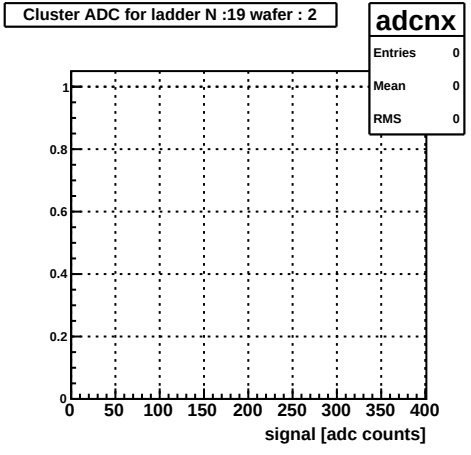

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

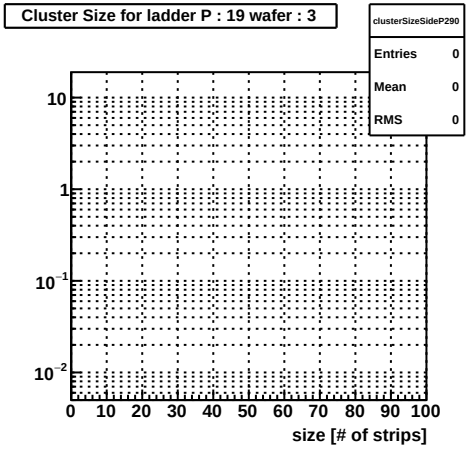

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

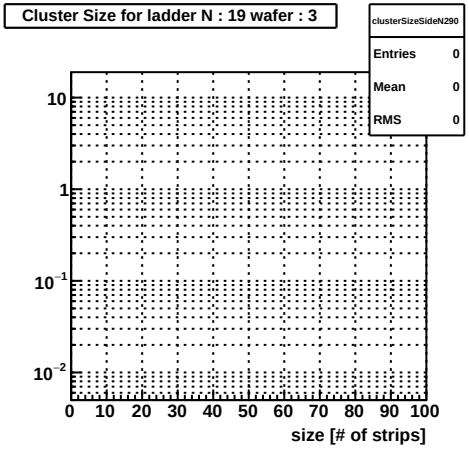

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

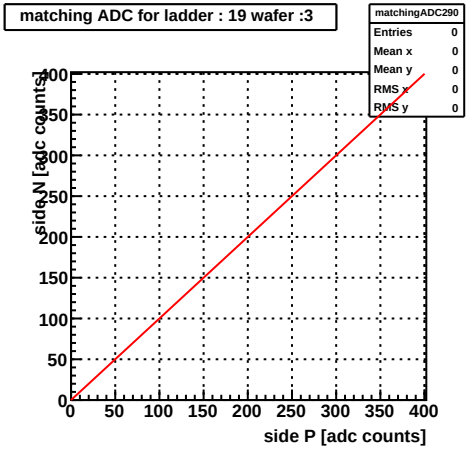

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

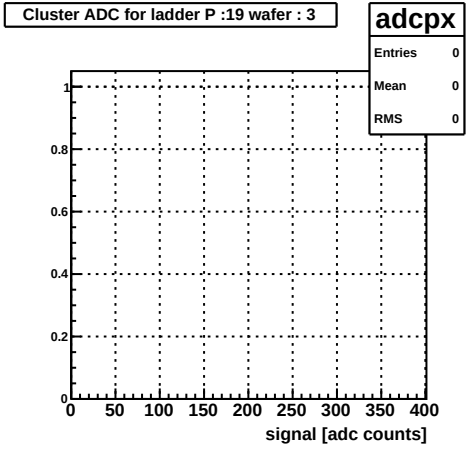

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

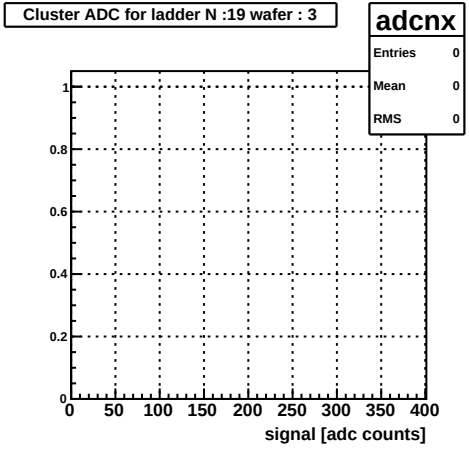

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

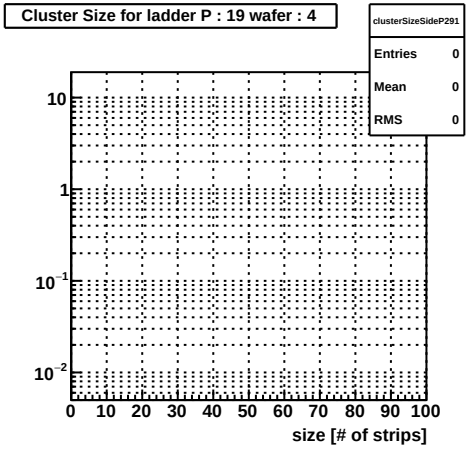

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

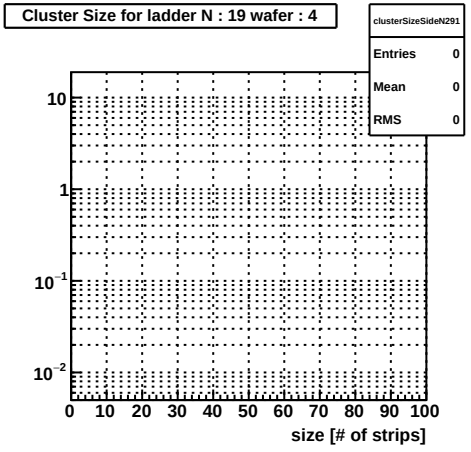

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

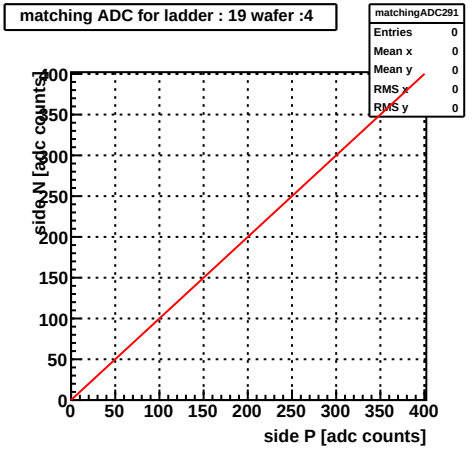

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

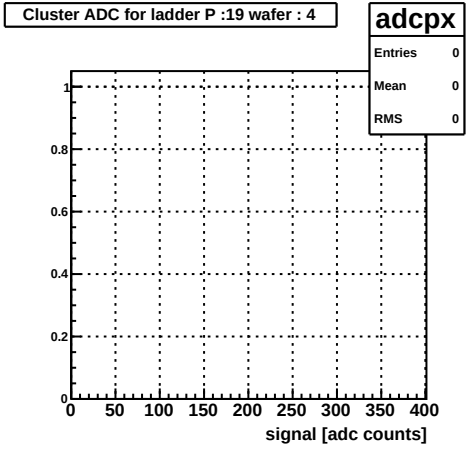

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

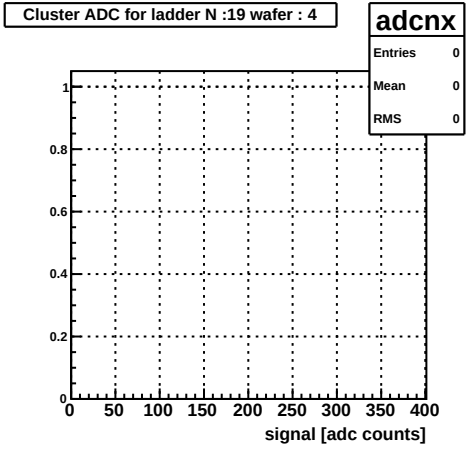

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

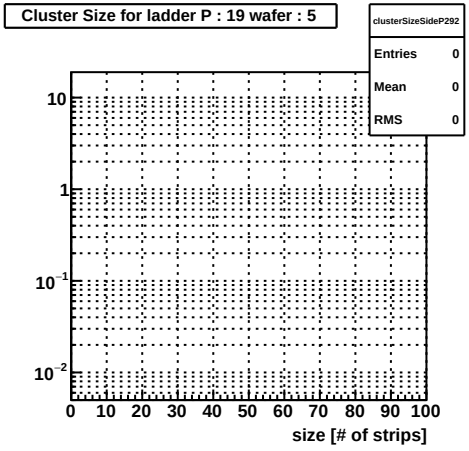

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

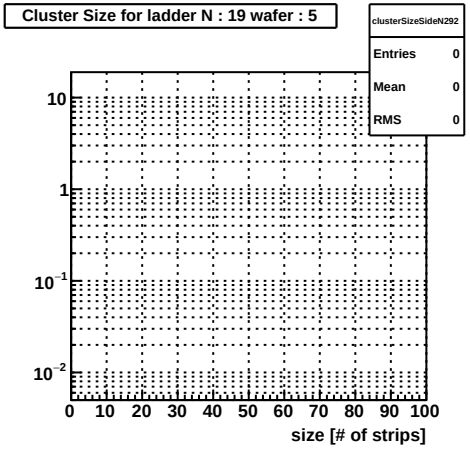

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

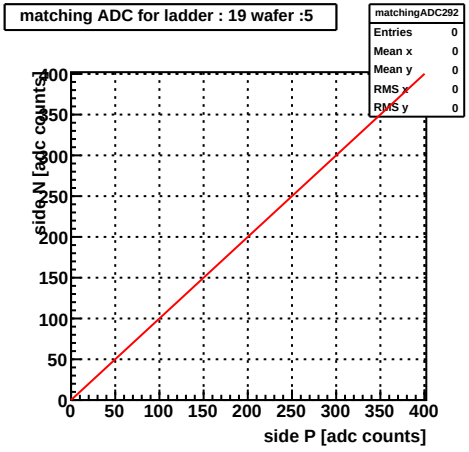

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

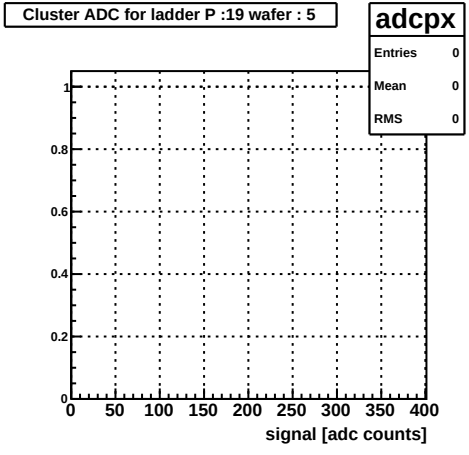

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

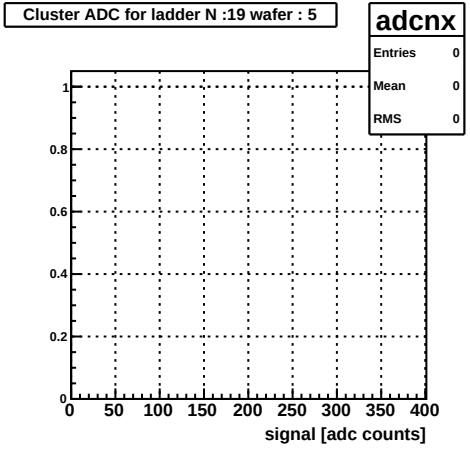

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

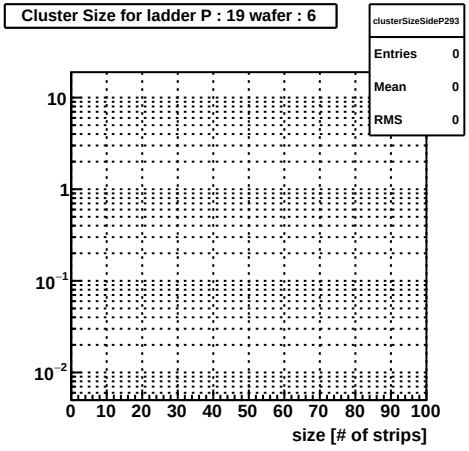

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

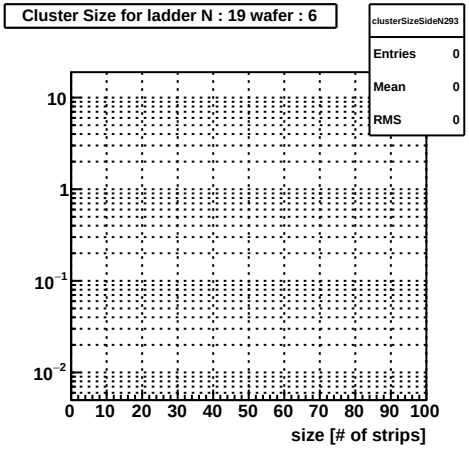

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

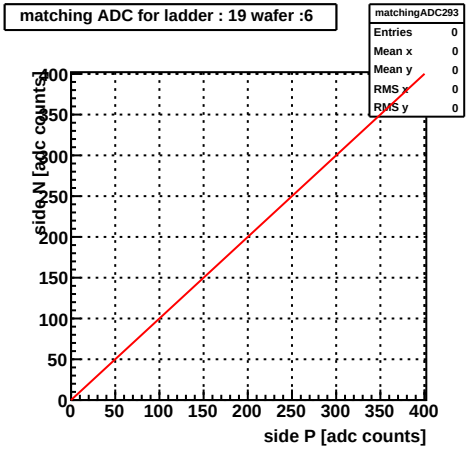

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

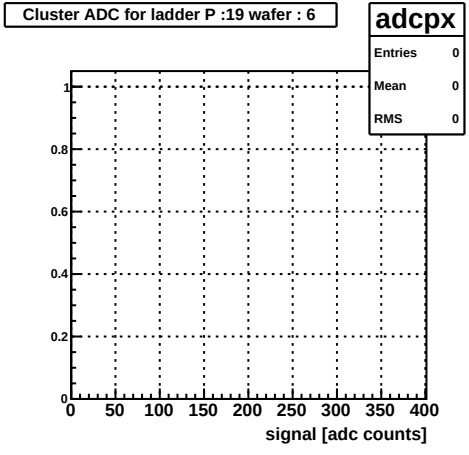

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

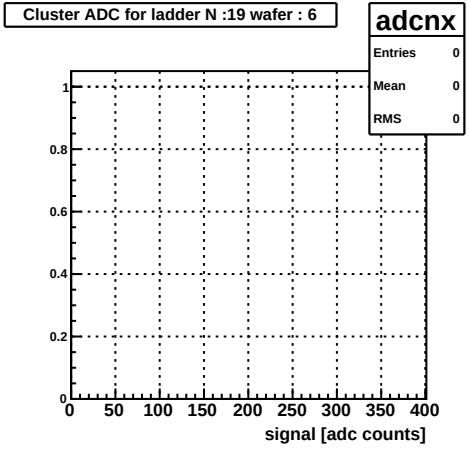

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

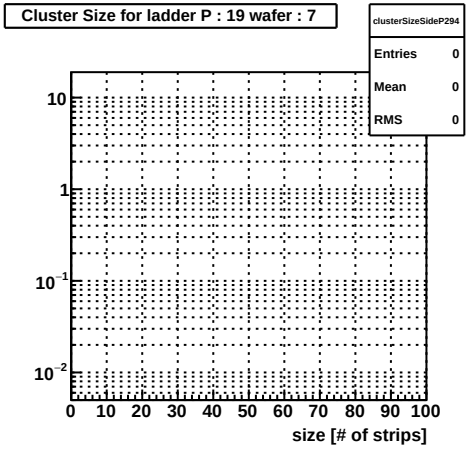

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

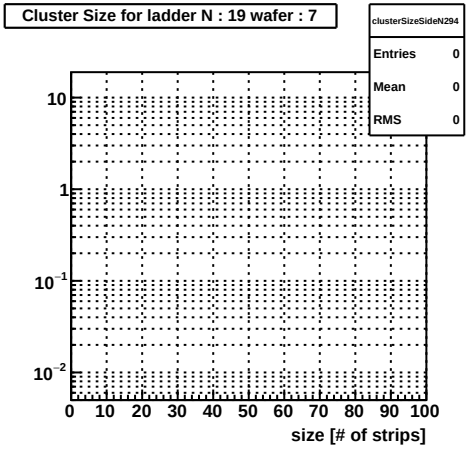

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

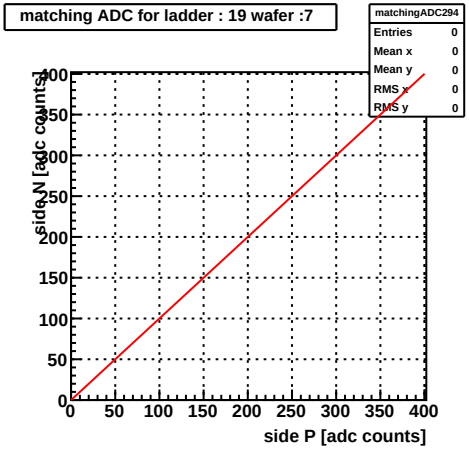

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

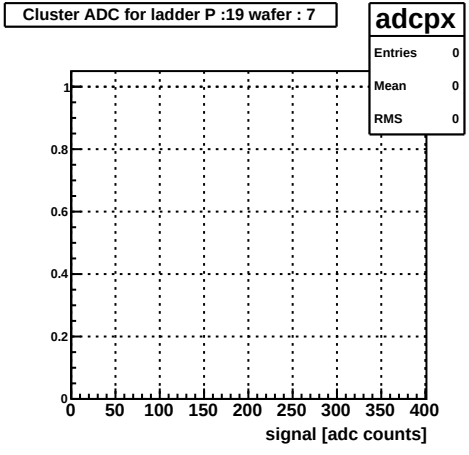

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

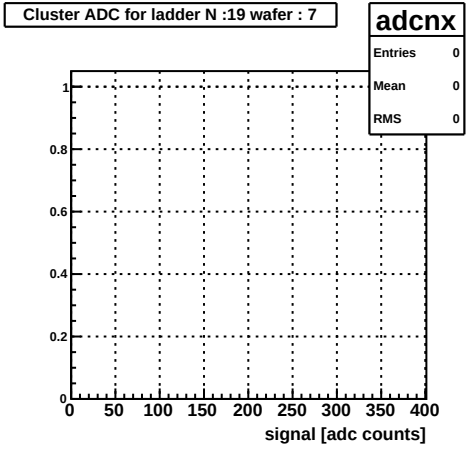

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

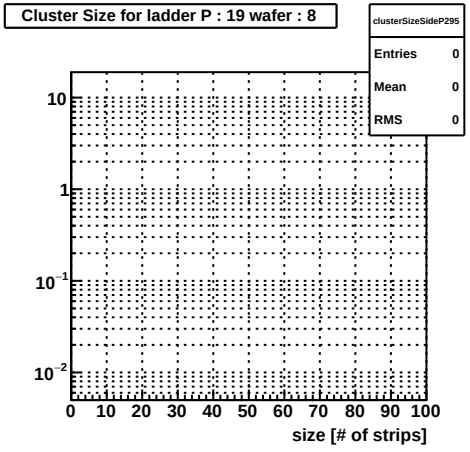

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

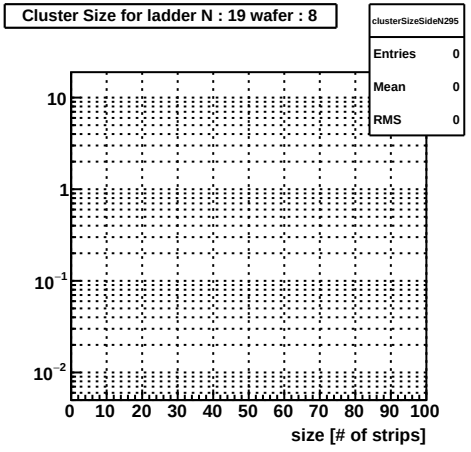

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

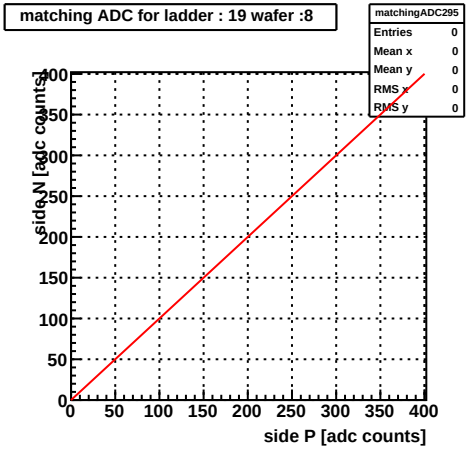

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

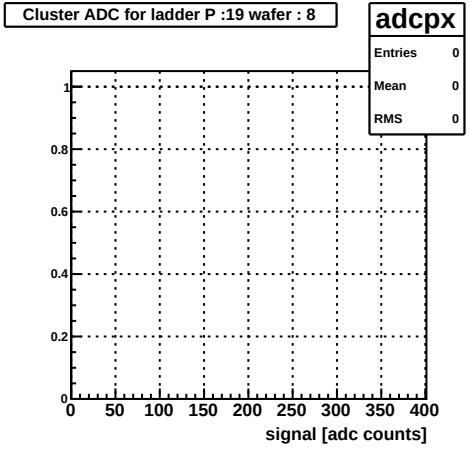

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

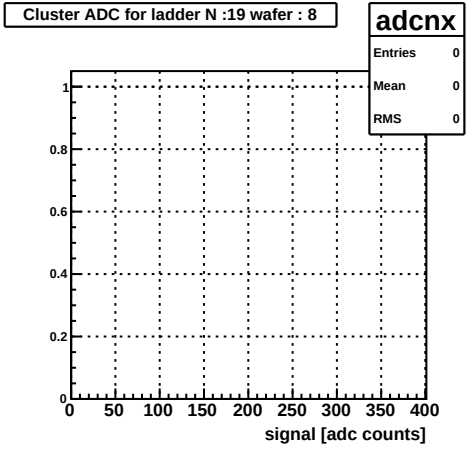

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

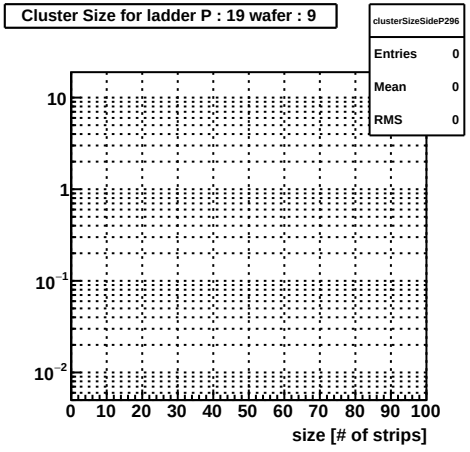

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

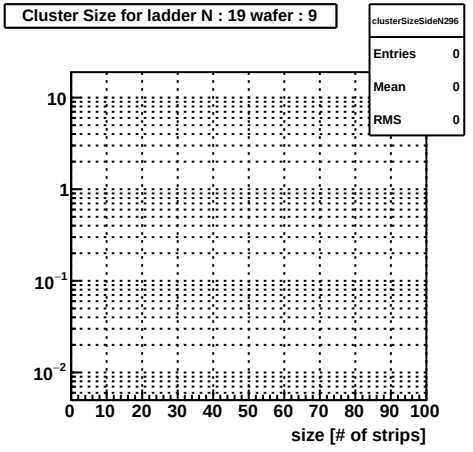

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

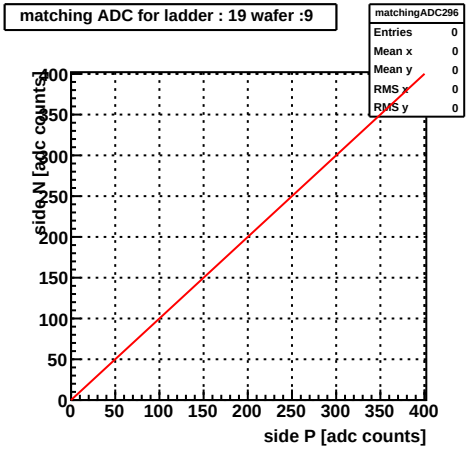

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

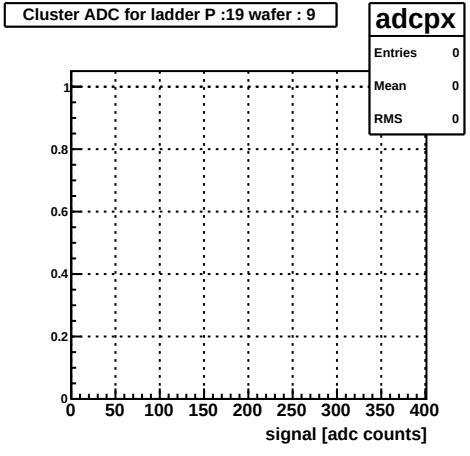

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

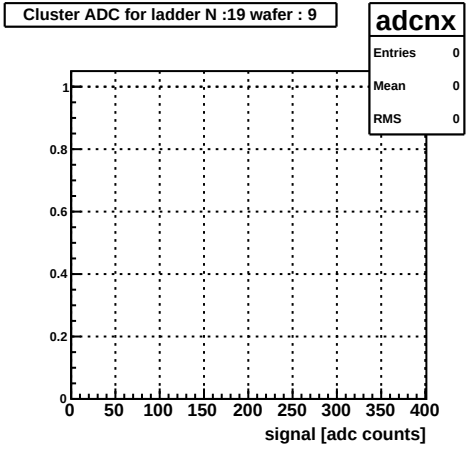

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

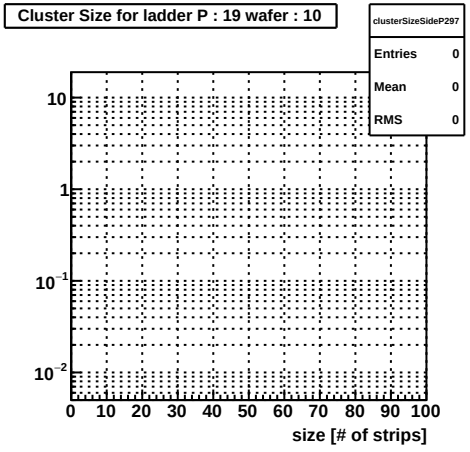

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

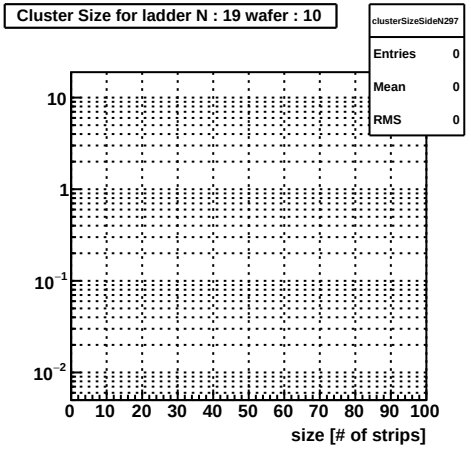

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

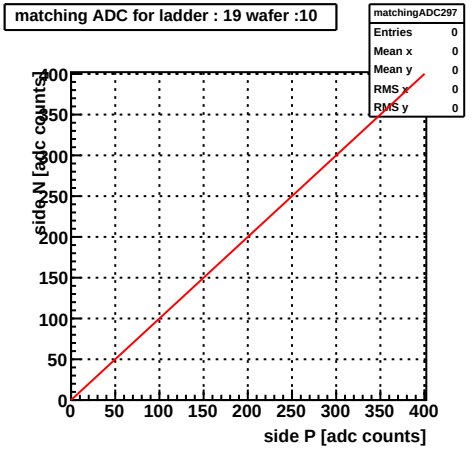

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

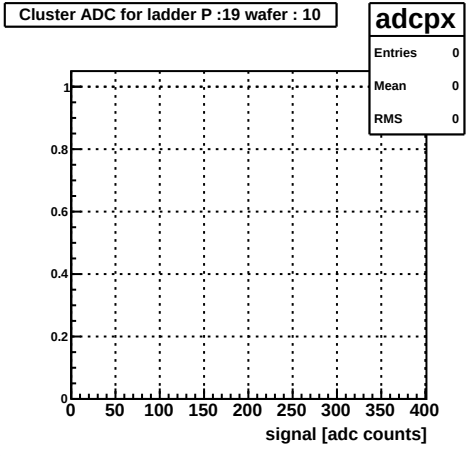

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

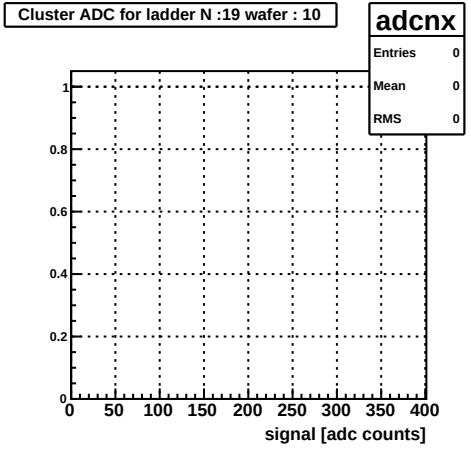

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

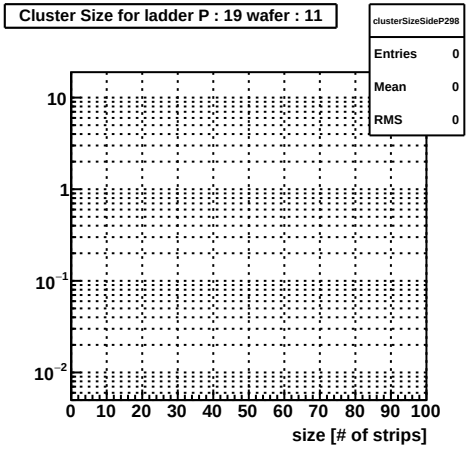

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

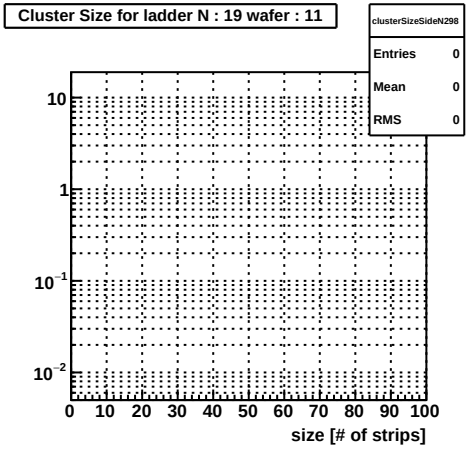

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

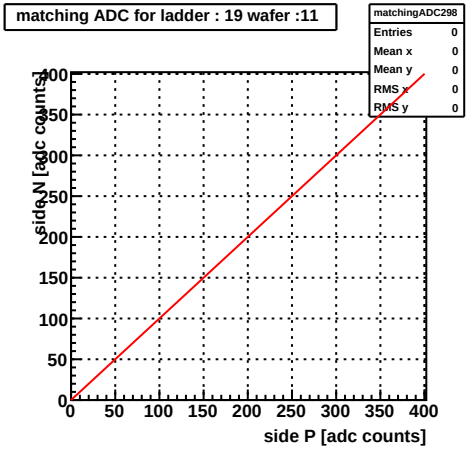

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

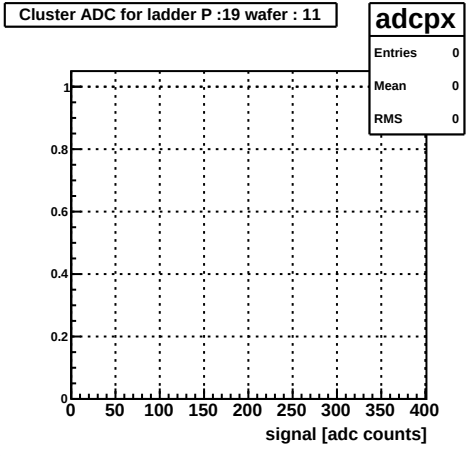

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

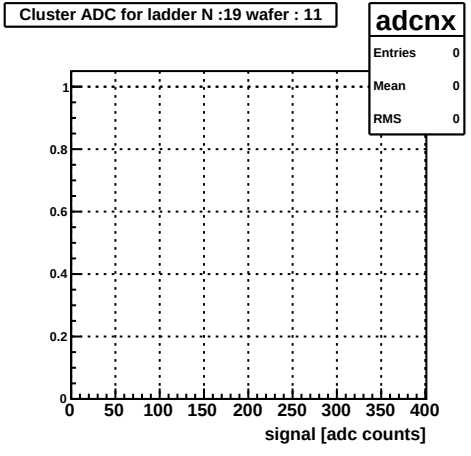

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

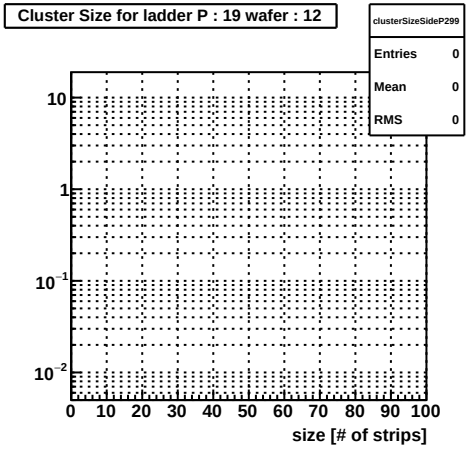

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

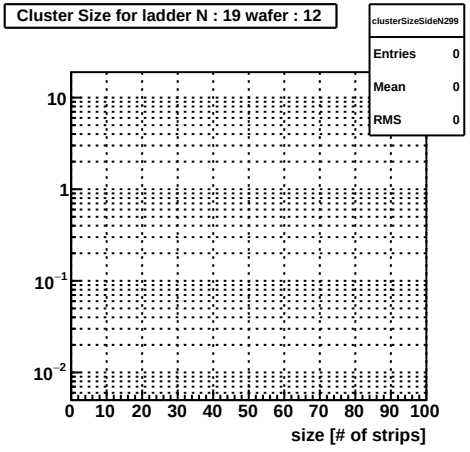

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

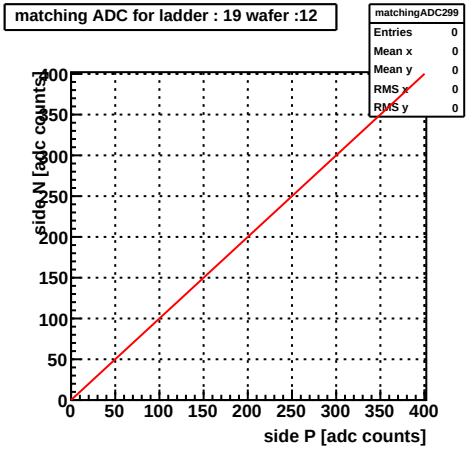

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

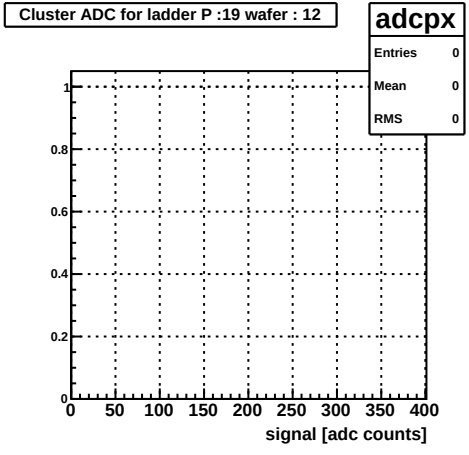

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

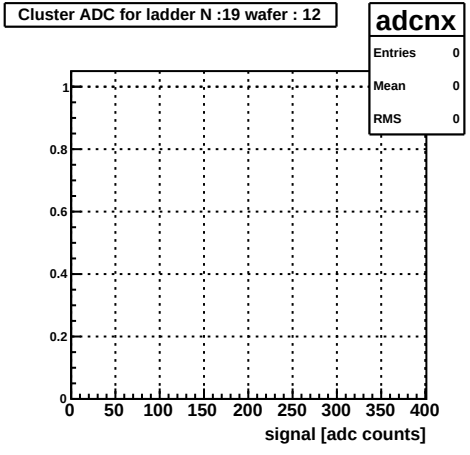

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

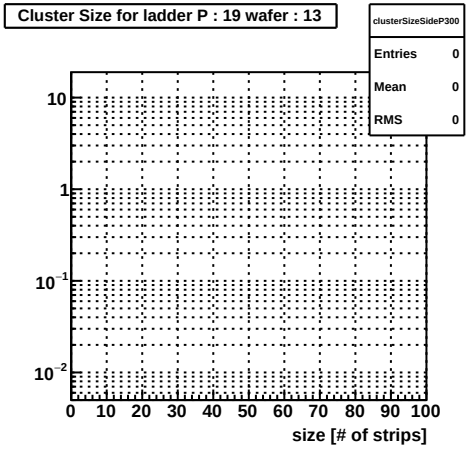

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

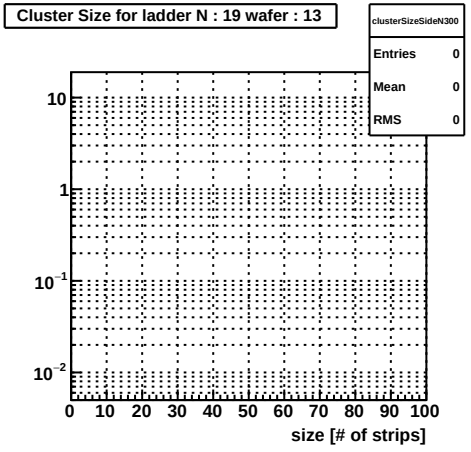

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

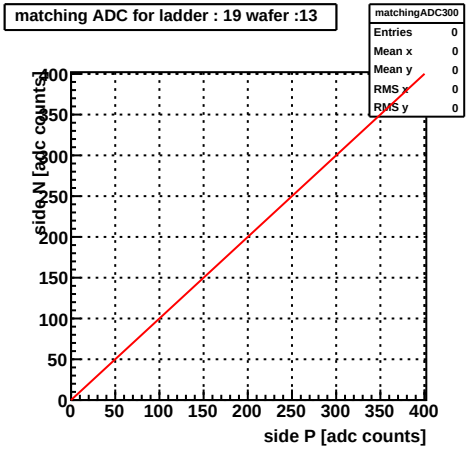

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

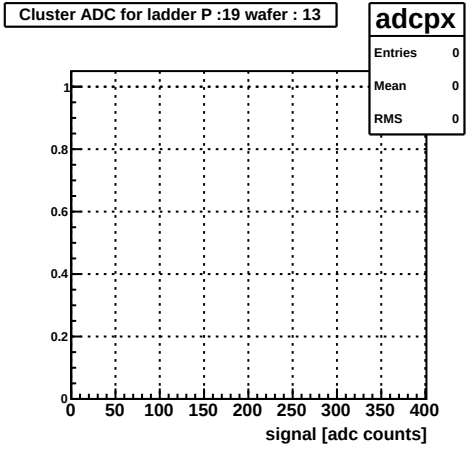

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

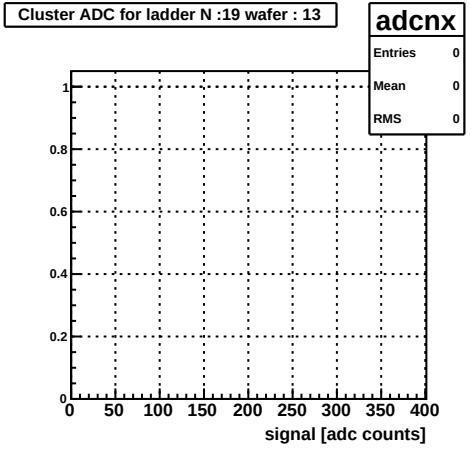

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

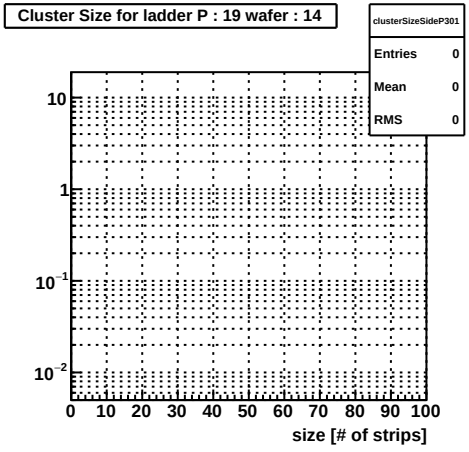

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

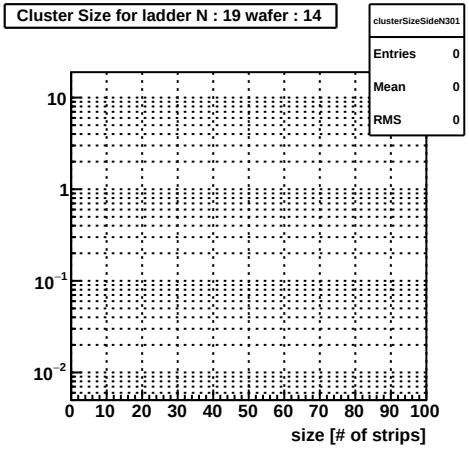

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

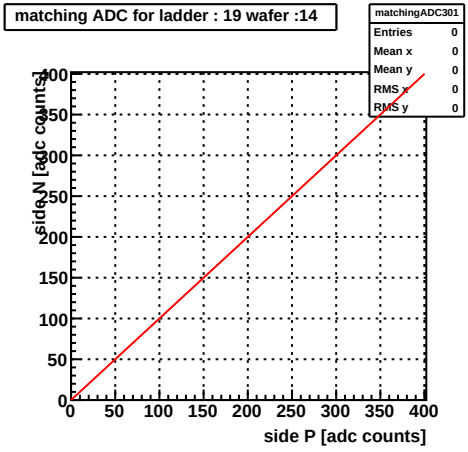

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

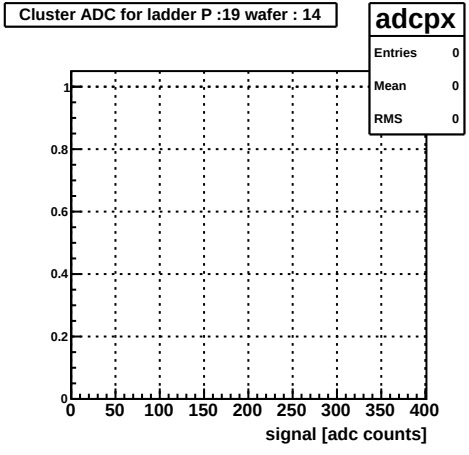

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

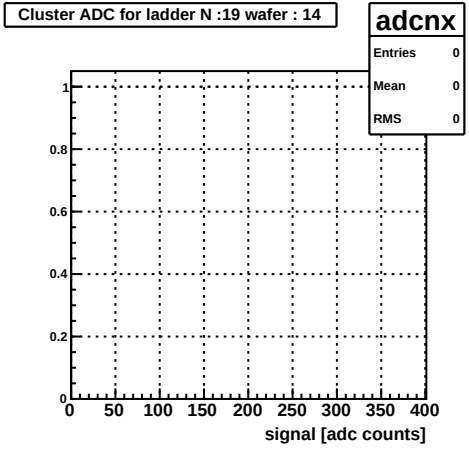

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

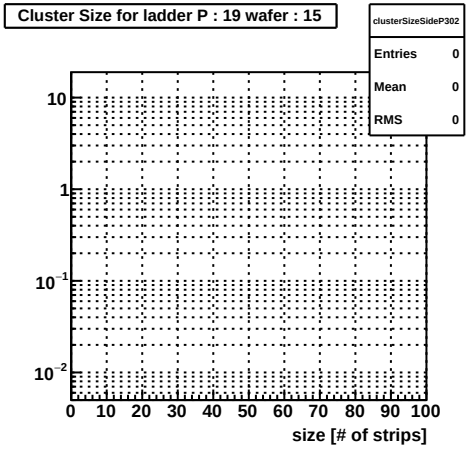

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

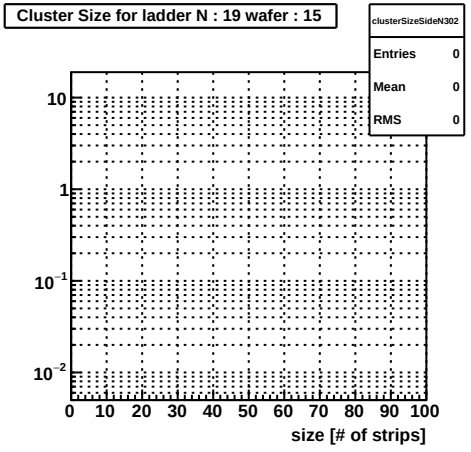

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

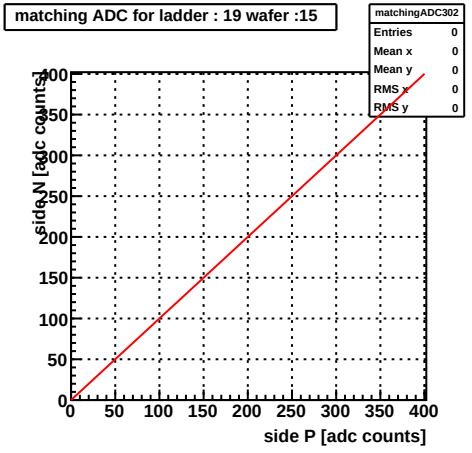

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

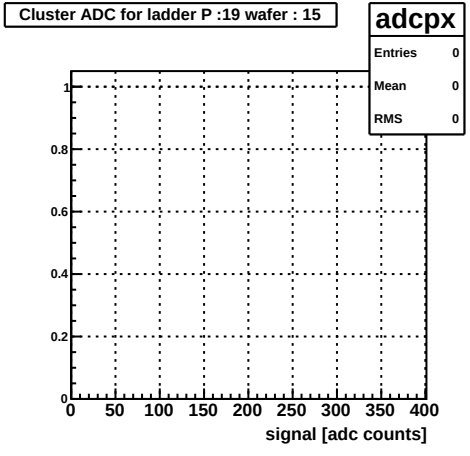

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

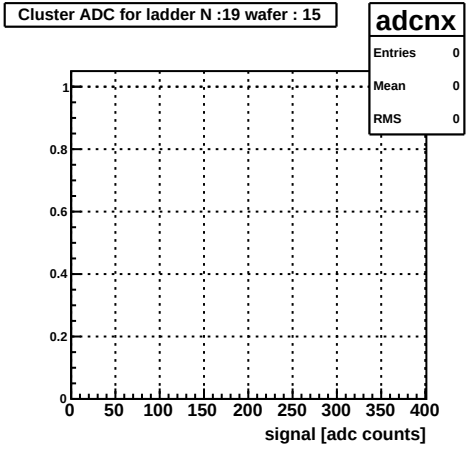

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

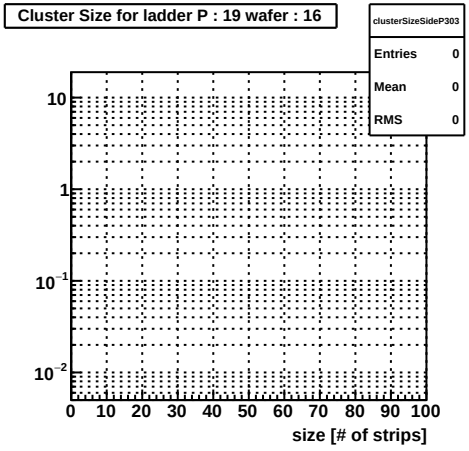

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

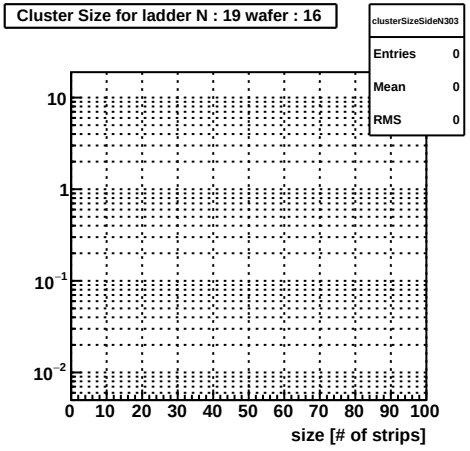

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

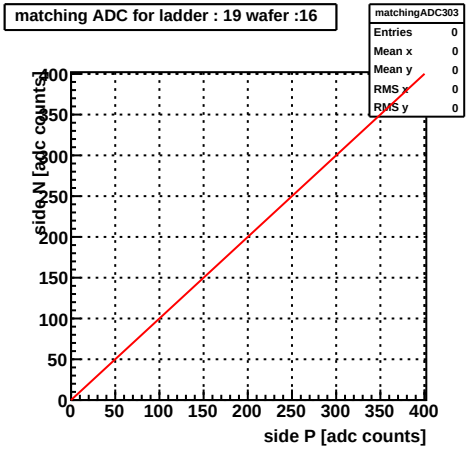

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

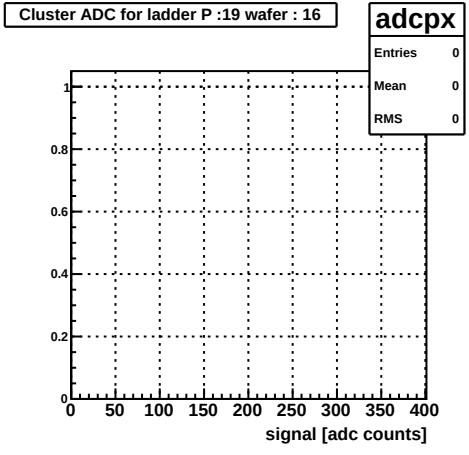

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

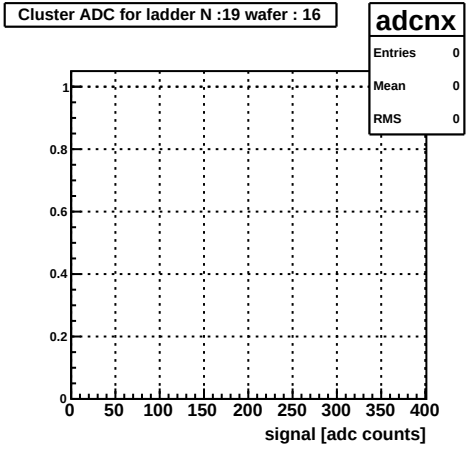

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

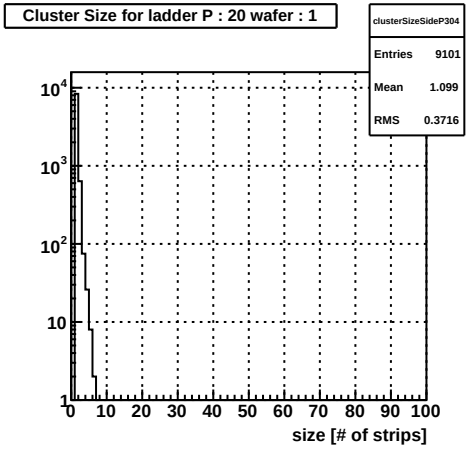

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

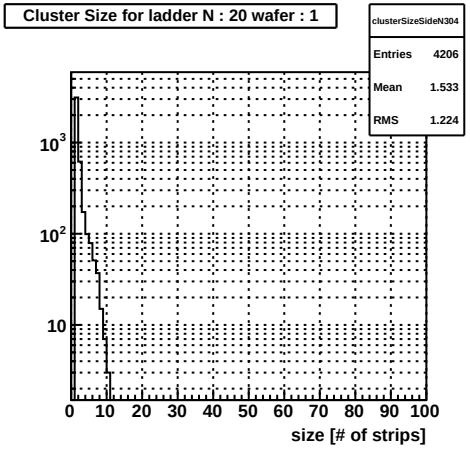

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

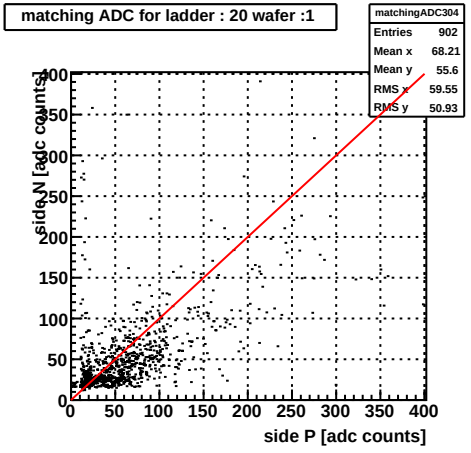

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

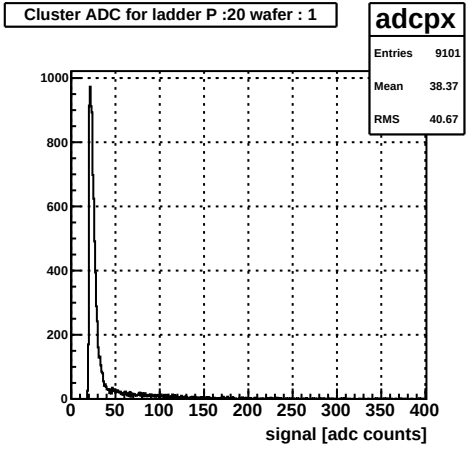

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

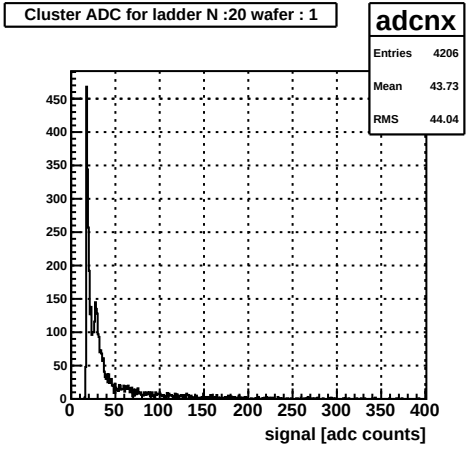

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

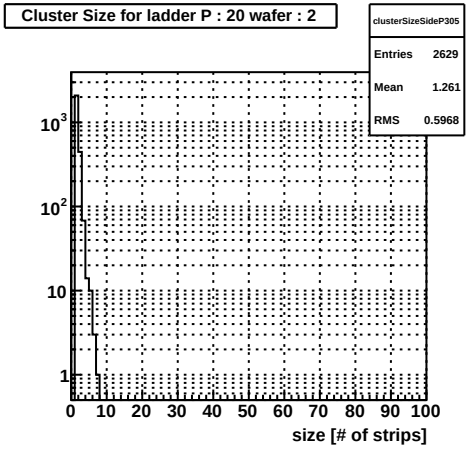

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9101
Mean 1.099
RMS 0.3716
size [# of strips]

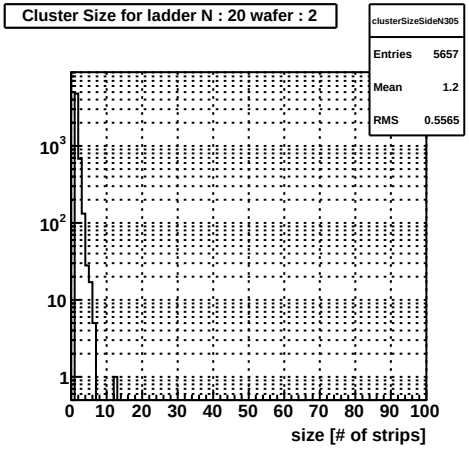

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4206
Mean 1.533
RMS 1.224
size [# of strips]

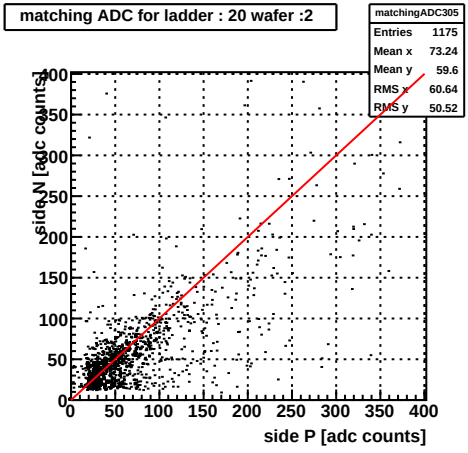

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 902
Mean x 68.21
Mean y 55.6
RMS x 59.55
RMS y 50.93
side N [adc counts]
side P [adc counts]

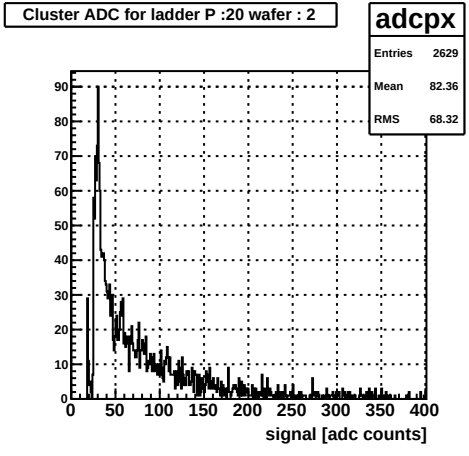

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9101
Mean 38.37
RMS 40.67
signal [adc counts]

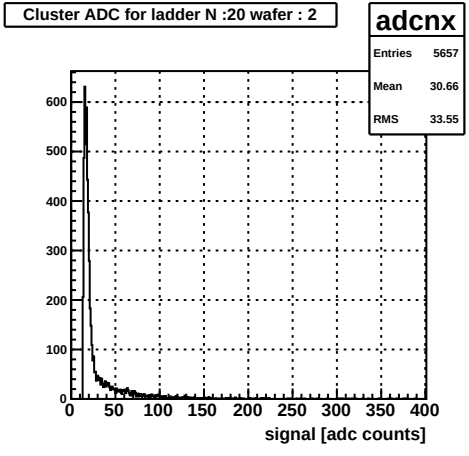

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4206
Mean 43.73
RMS 44.04
signal [adc counts]

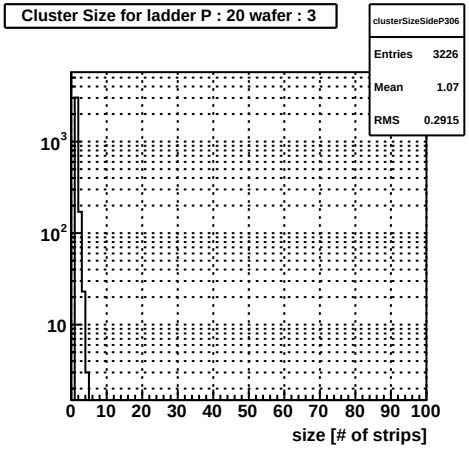

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2629
Mean 1.261
RMS 0.5968
size [# of strips]

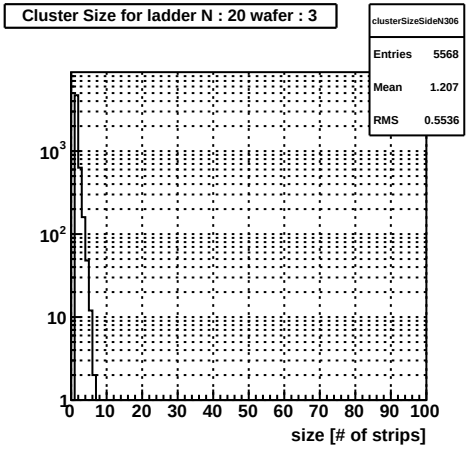

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5657
Mean 1.2
RMS 0.5565
size [# of strips]

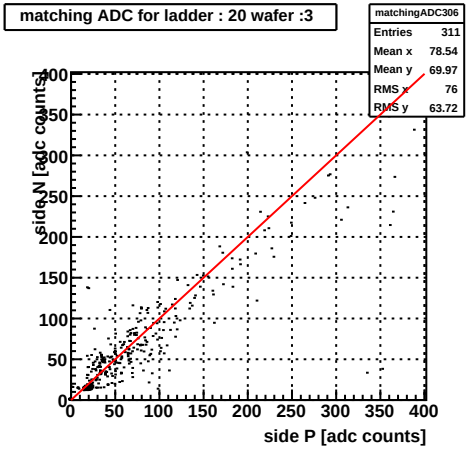

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1175
Mean x 73.24
Mean y 59.6
RMS x 60.64
RMS y 50.52
side N [adc counts]
side P [adc counts]

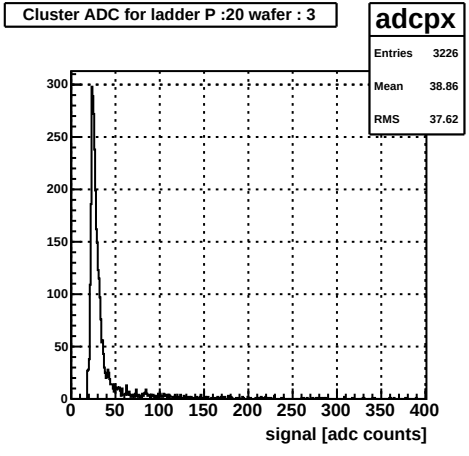

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2629
Mean 82.36
RMS 68.32
signal [adc counts]

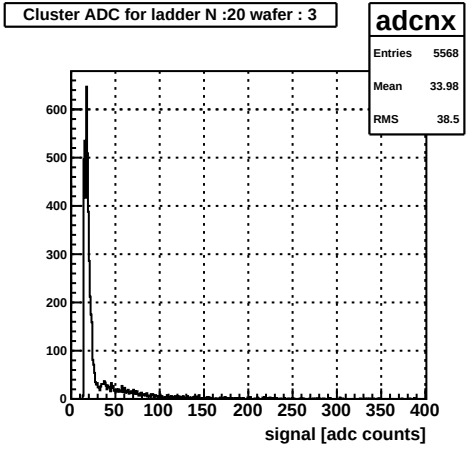

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5657
Mean 30.66
RMS 33.55
signal [adc counts]

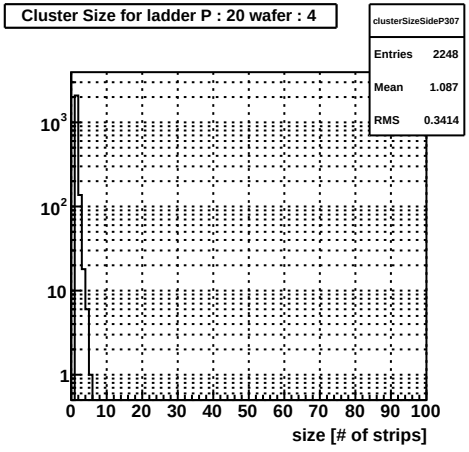

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3226
Mean 1.07
RMS 0.2915
size [# of strips]

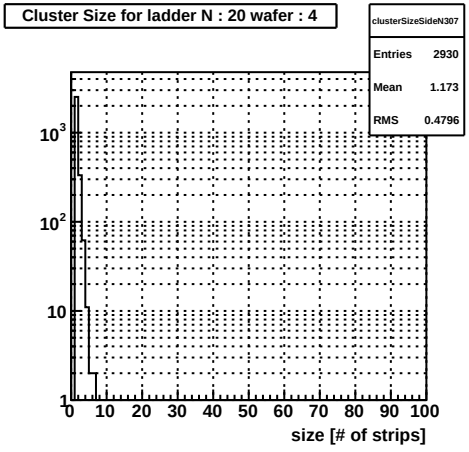

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5568
Mean 1.207
RMS 0.5536
size [# of strips]

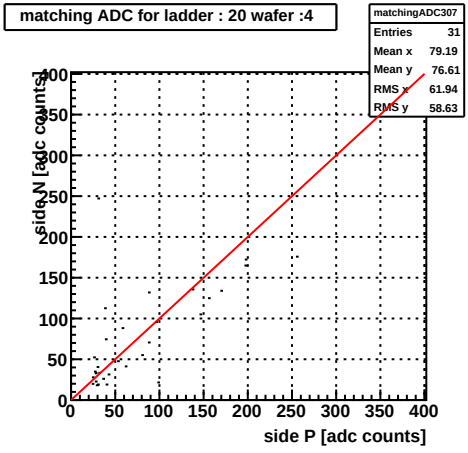

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 311
Mean x 78.54
Mean y 69.97
RMS x 76
RMS y 63.72
side N [adc counts]
side P [adc counts]

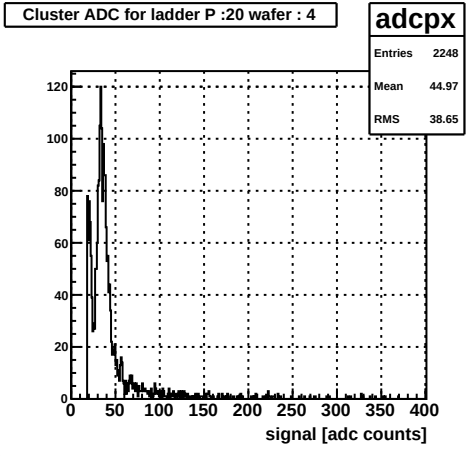

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3226
Mean 38.86
RMS 37.62
signal [adc counts]

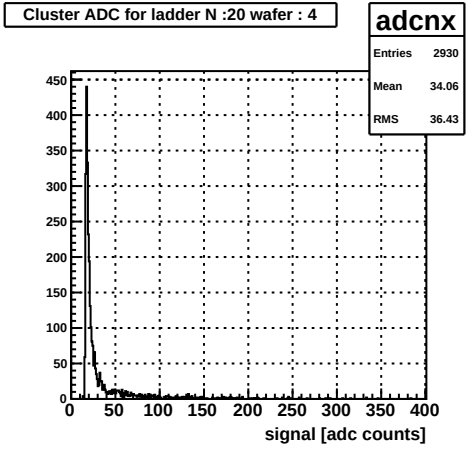

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5568
Mean 33.98
RMS 38.5
signal [adc counts]

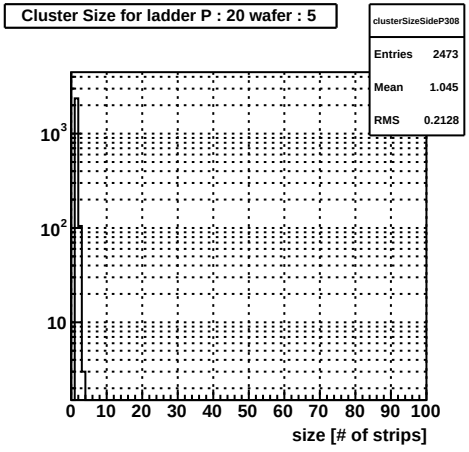

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2248
Mean 1.087
RMS 0.3414
size [# of strips]

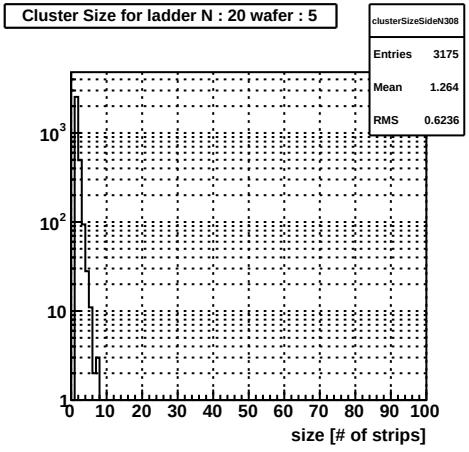

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2930
Mean 1.173
RMS 0.4796
size [# of strips]

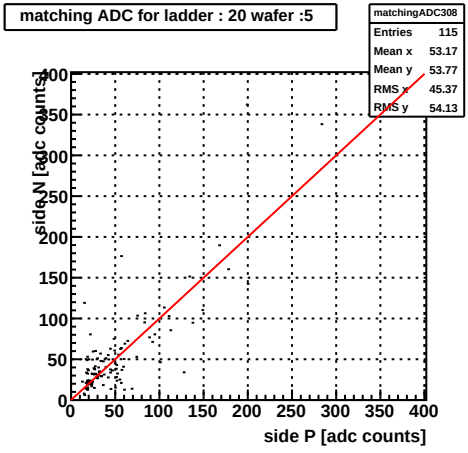

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 31
Mean x 79.19
Mean y 76.61
RMS x 61.94
RMS y 58.63
side N [adc counts]
side P [adc counts]

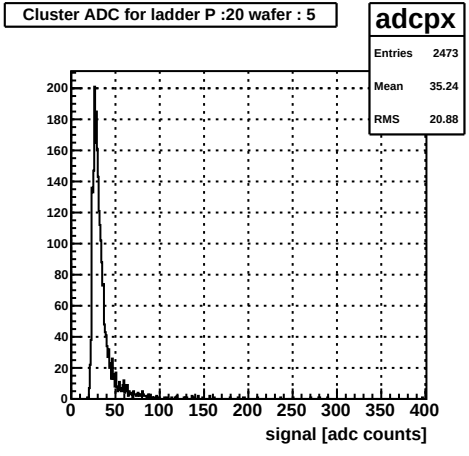

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2248
Mean 44.97
RMS 38.65
signal [adc counts]

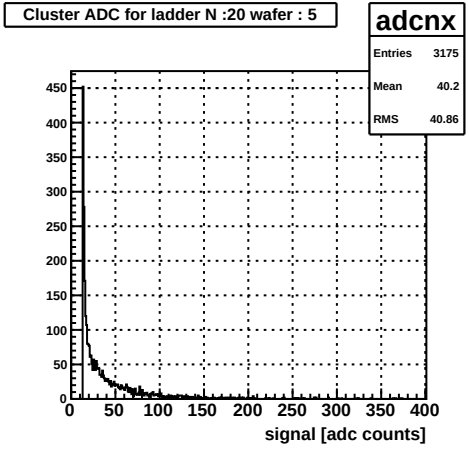

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2930
Mean 34.06
RMS 36.43
signal [adc counts]

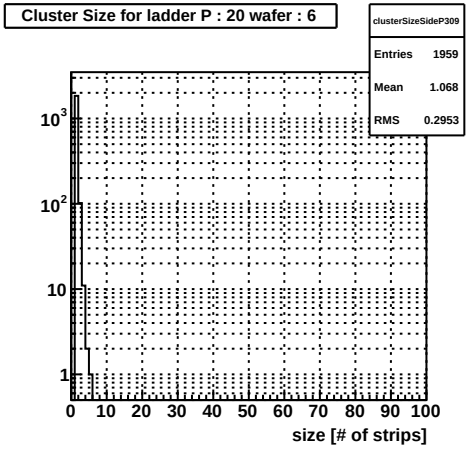

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2473
Mean 1.045
RMS 0.2128
size [# of strips]

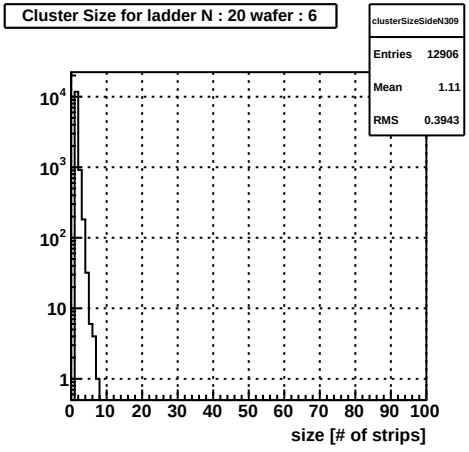

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3175
Mean 1.264
RMS 0.6236
size [# of strips]

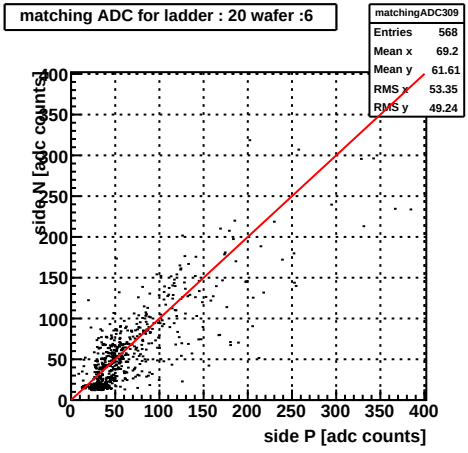

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 115
Mean x 53.17
Mean y 53.77
RMS x 45.37
RMS y 54.13
side N [adc counts]
side P [adc counts]

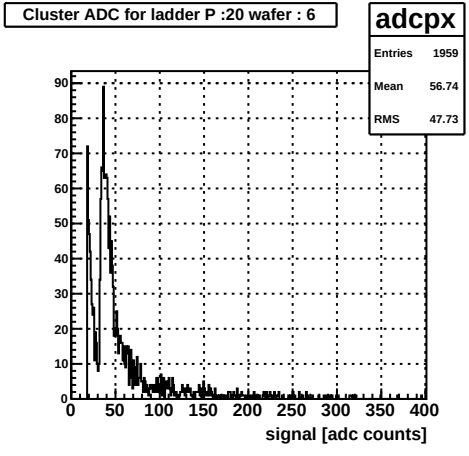

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2473
Mean 35.24
RMS 20.88
signal [adc counts]

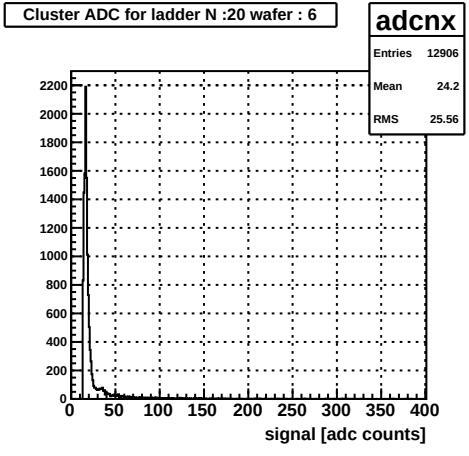

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3175
Mean 40.2
RMS 40.86
signal [adc counts]

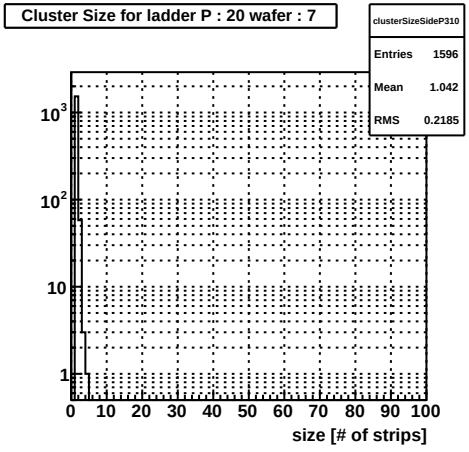

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1959
Mean 1.068
RMS 0.2953
size [# of strips]

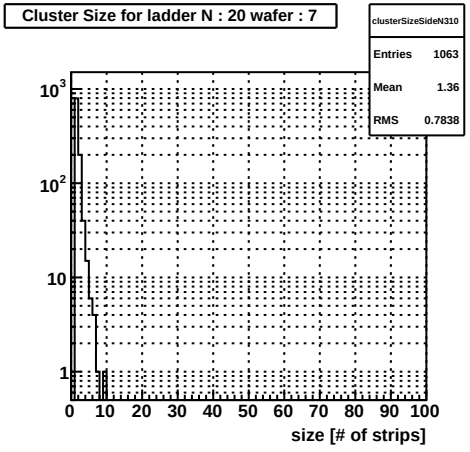

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12906
Mean 1.11
RMS 0.3943
size [# of strips]

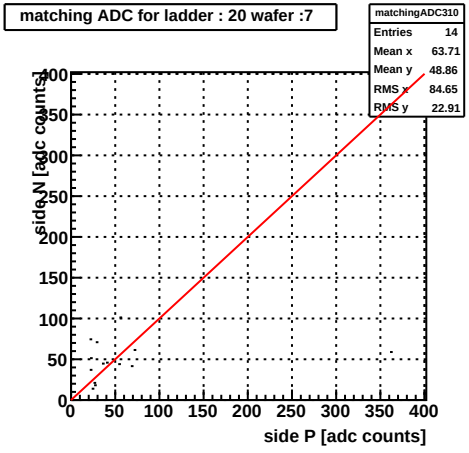

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 568
Mean x 69.2
Mean y 61.61
RMS x 53.35
RMS y 49.24
side N [adc counts]
side P [adc counts]

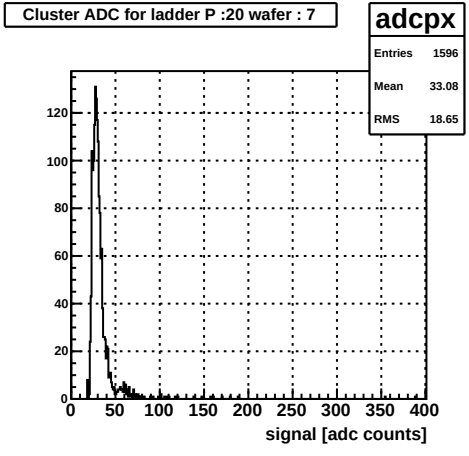

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1959
Mean 56.74
RMS 47.73
signal [adc counts]

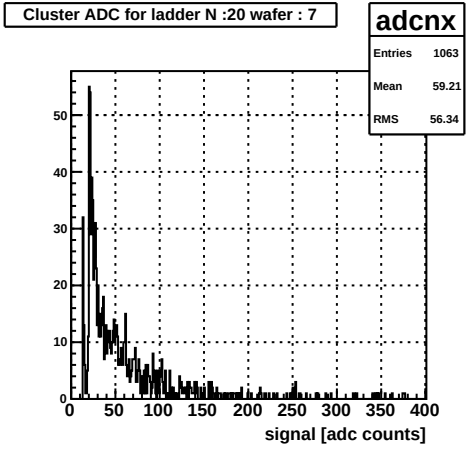

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12906
Mean 24.2
RMS 25.56
signal [adc counts]

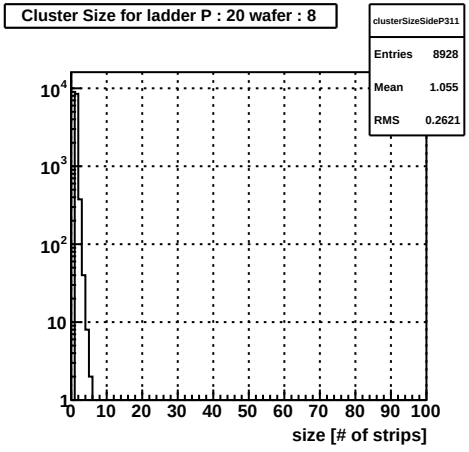

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1596
Mean 1.042
RMS 0.2185
size [# of strips]

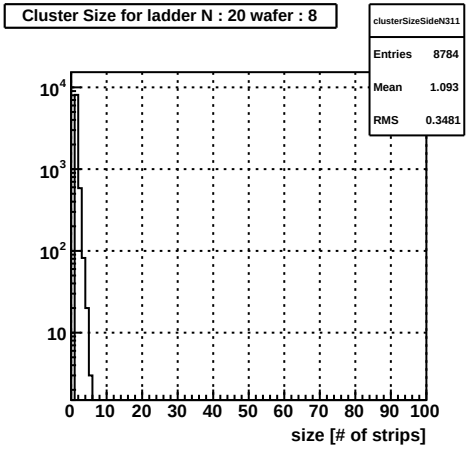

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1063
Mean 1.36
RMS 0.7838
size [# of strips]

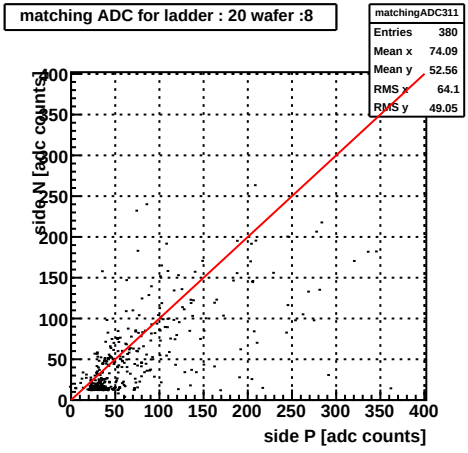

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 14
Mean x 63.71
Mean y 48.86
RMS x 84.65
RMS y 22.91
side N [adc counts]
side P [adc counts]

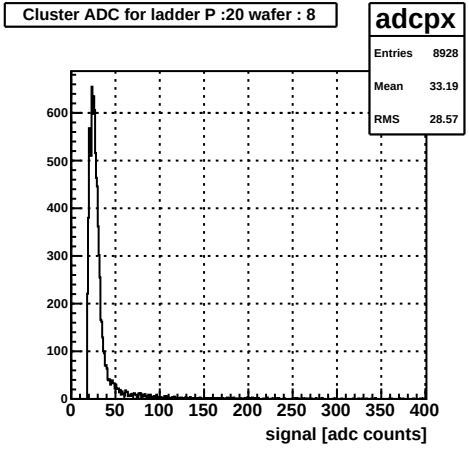

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1596
Mean 33.08
RMS 18.65
signal [adc counts]

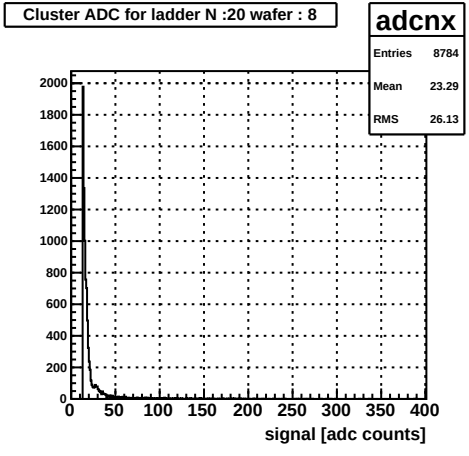

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1063
Mean 59.21
RMS 56.34
signal [adc counts]

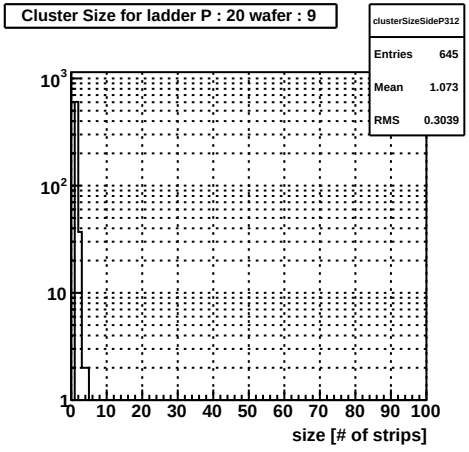

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8928
Mean 1.055
RMS 0.2621
size [# of strips]

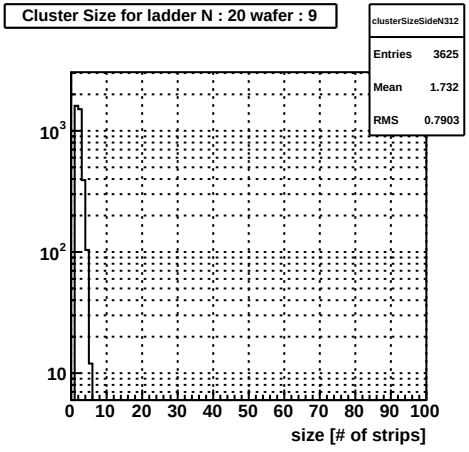

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8784
Mean 1.093
RMS 0.3481
size [# of strips]

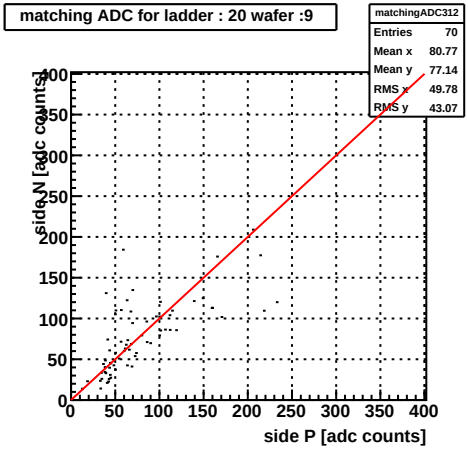

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 380
Mean x 74.09
Mean y 52.56
RMS x 64.1
RMS y 49.05
side N [adc counts]
side P [adc counts]

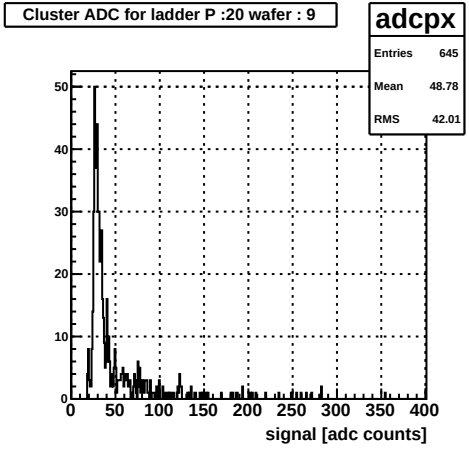

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8928
Mean 33.19
RMS 28.57
signal [adc counts]

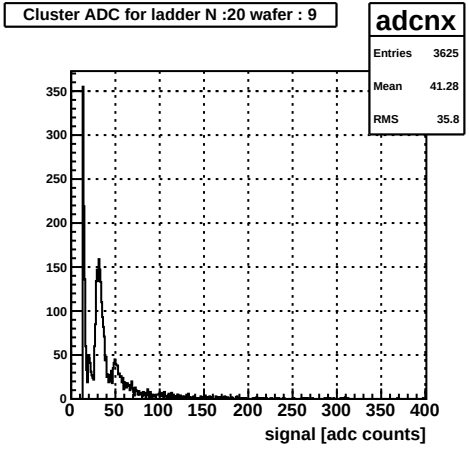

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8784
Mean 23.29
RMS 26.13
signal [adc counts]

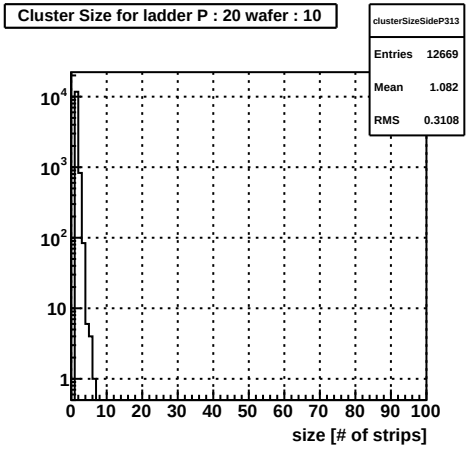

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 645
Mean 1.073
RMS 0.3039
size [# of strips]

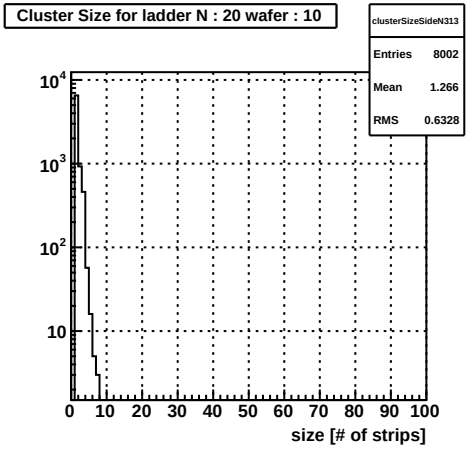

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3625
Mean 1.732
RMS 0.7903
size [# of strips]

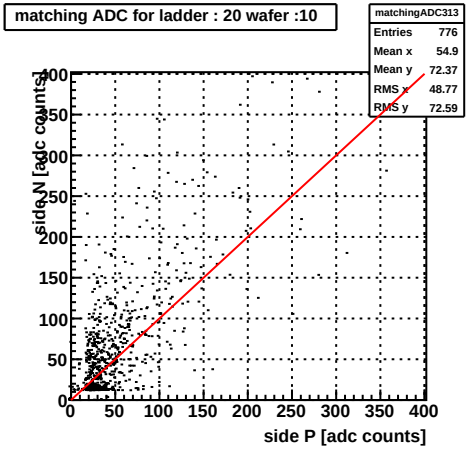

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 70
Mean x 80.77
Mean y 77.14
RMS x 49.78
RMS y 43.07
side N [adc counts]
side P [adc counts]

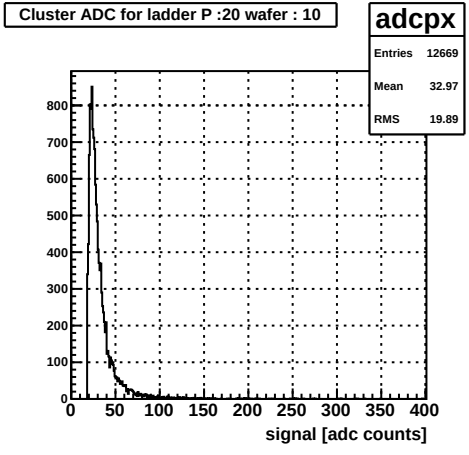

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 645
Mean 48.78
RMS 42.01
signal [adc counts]

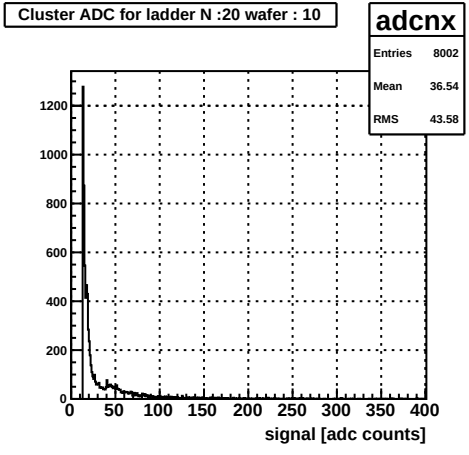

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3625
Mean 41.28
RMS 35.8
signal [adc counts]

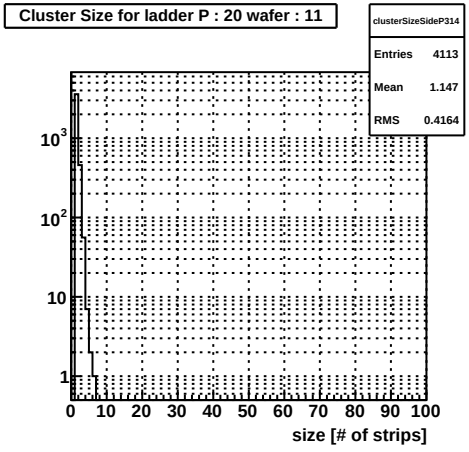

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12669
Mean 1.082
RMS 0.3108
size [# of strips]

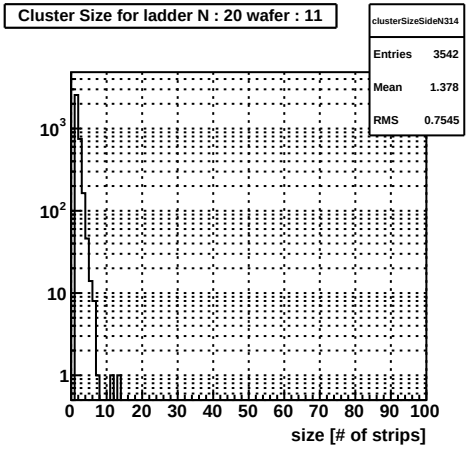

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8002
Mean 1.266
RMS 0.6328
size [# of strips]

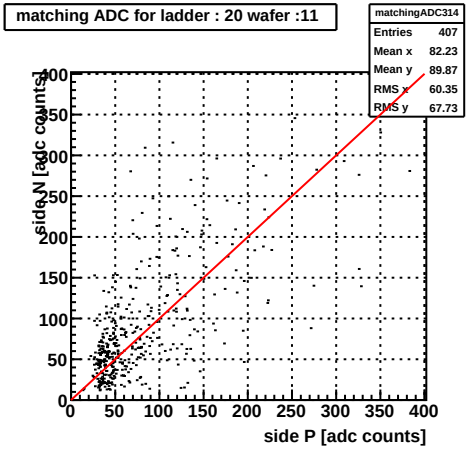

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 776
Mean x 54.9
Mean y 72.37
RMS x 48.77
RMS y 72.59
side N [adc counts]
side P [adc counts]

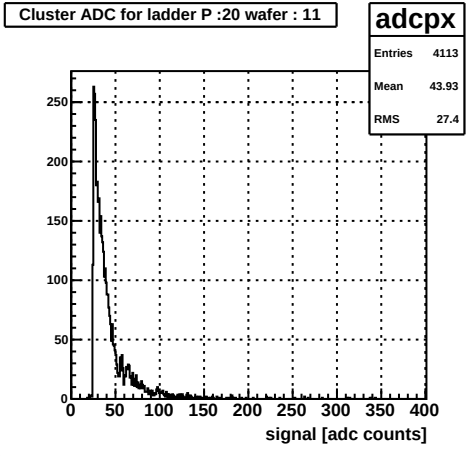

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12669
Mean 32.97
RMS 19.89
signal [adc counts]

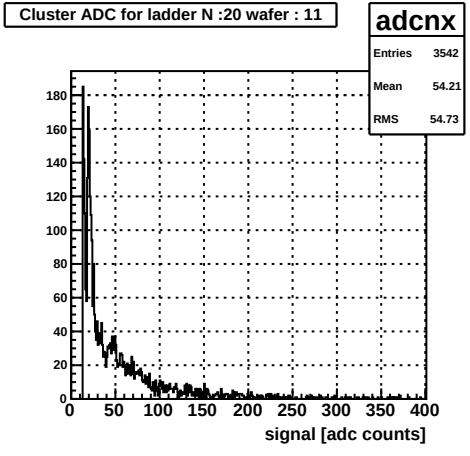

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8002
Mean 36.54
RMS 43.58
signal [adc counts]

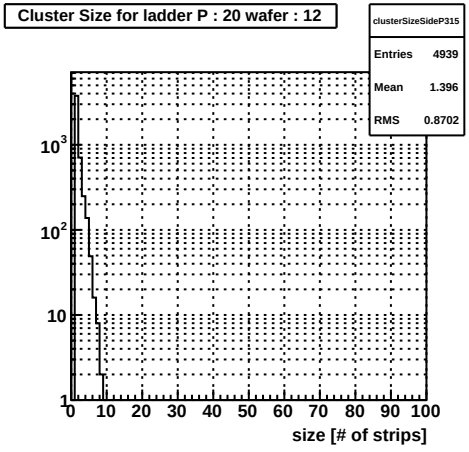

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4113
Mean 1.147
RMS 0.4164
size [# of strips]

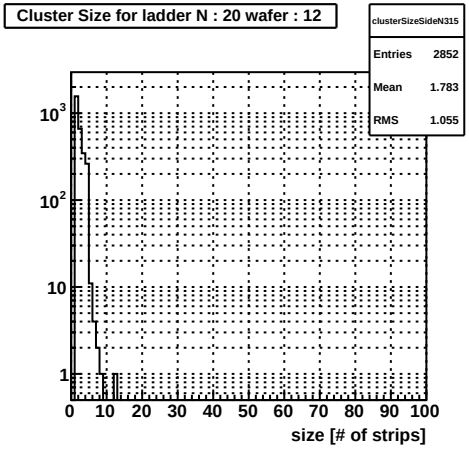

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3542
Mean 1.378
RMS 0.7545
size [# of strips]

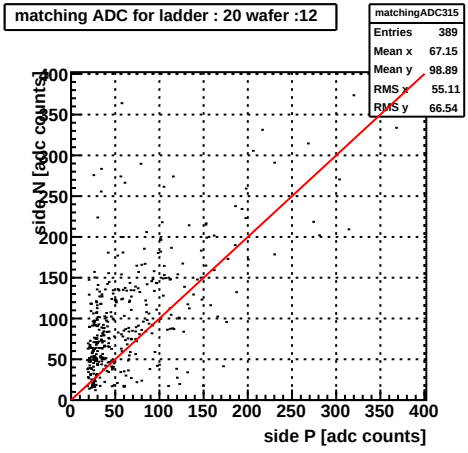

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 407
Mean x 82.23
Mean y 89.87
RMS x 60.35
RMS y 67.73
side N [adc counts]
side P [adc counts]

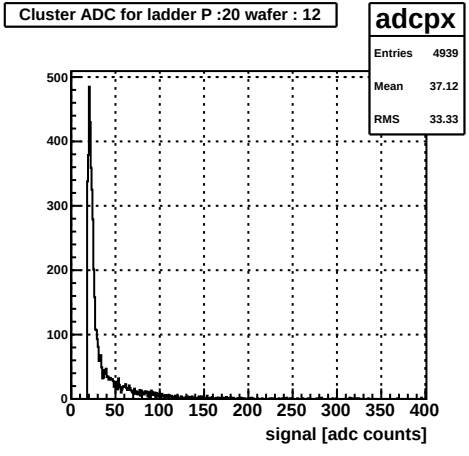

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4113
Mean 43.93
RMS 27.4
signal [adc counts]

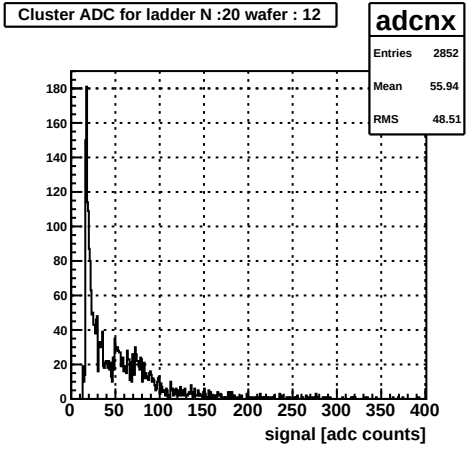

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3542
Mean 54.21
RMS 54.73
signal [adc counts]

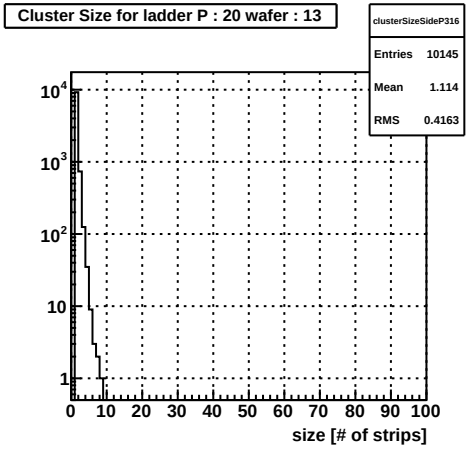

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4939
Mean 1.396
RMS 0.8702
size [# of strips]

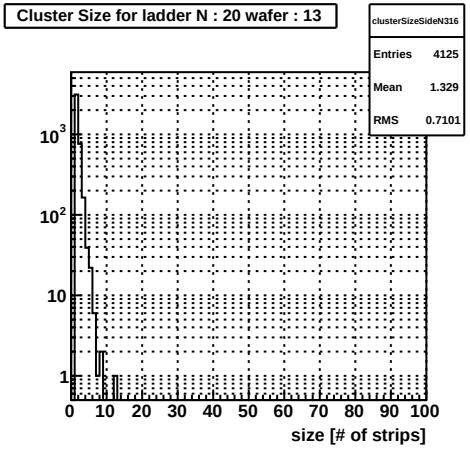

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2852
Mean 1.783
RMS 1.055
size [# of strips]

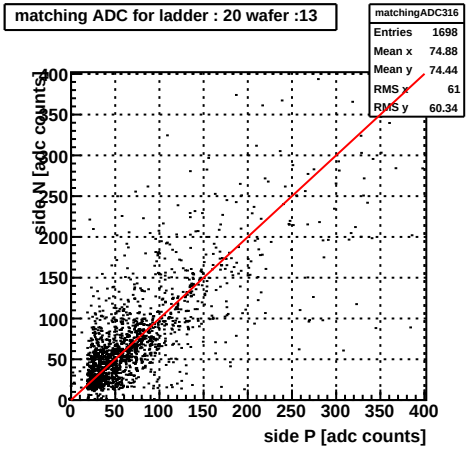

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 389
Mean x 67.15
Mean y 98.89
RMS x 55.11
RMS y 66.54
side N [adc counts]
side P [adc counts]

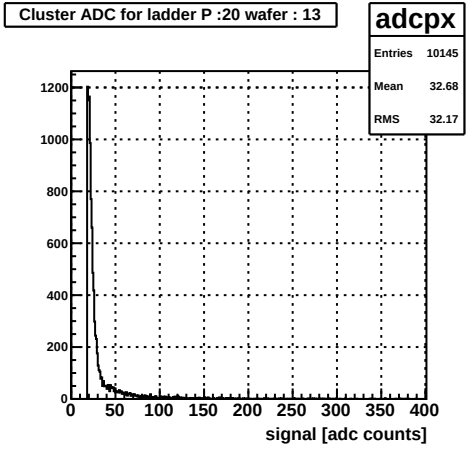

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4939
Mean 37.12
RMS 33.33
signal [adc counts]

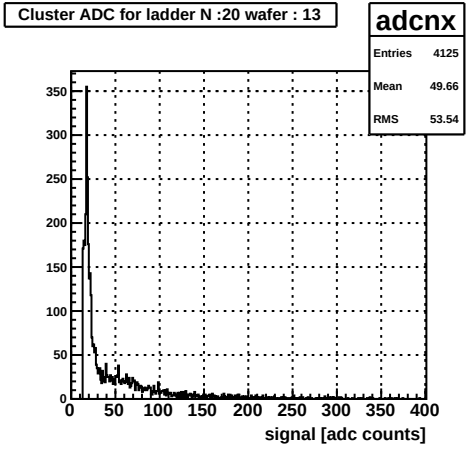

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2852
Mean 55.94
RMS 48.51
signal [adc counts]

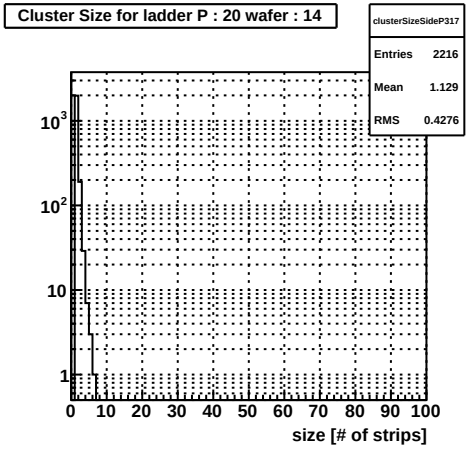

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10145
Mean 1.114
RMS 0.4163
size [# of strips]

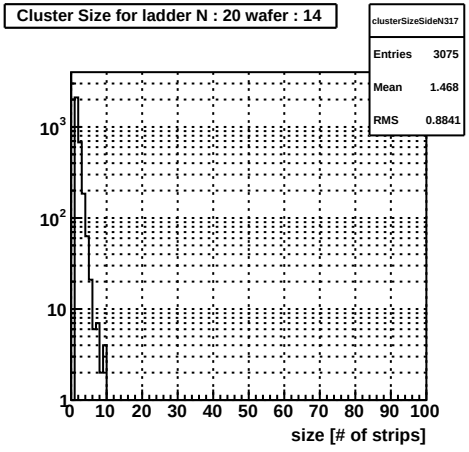

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4125
Mean 1.329
RMS 0.7101
size [# of strips]

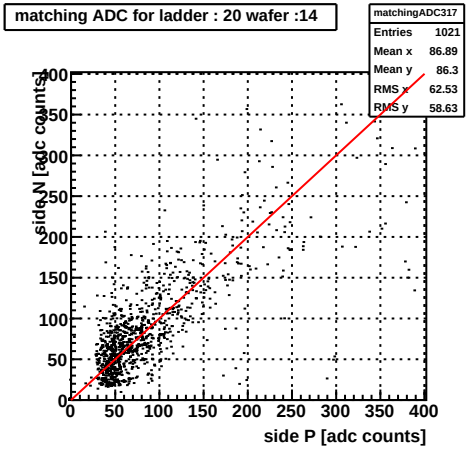

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1698
Mean x 74.88
Mean y 74.44
RMS x 61
RMS y 60.34
side N [adc counts]
side P [adc counts]

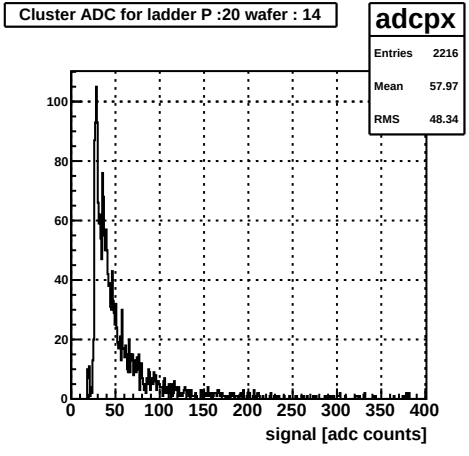

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10145
Mean 32.68
RMS 32.17
signal [adc counts]

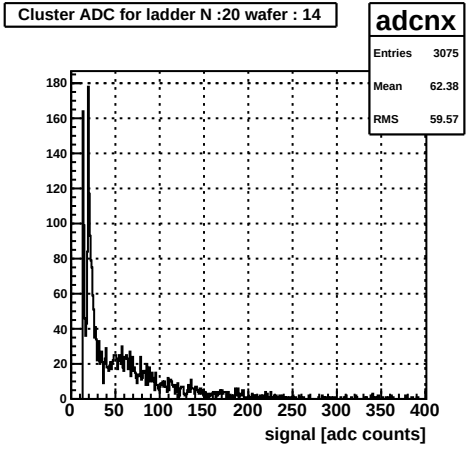

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4125
Mean 49.66
RMS 53.54
signal [adc counts]

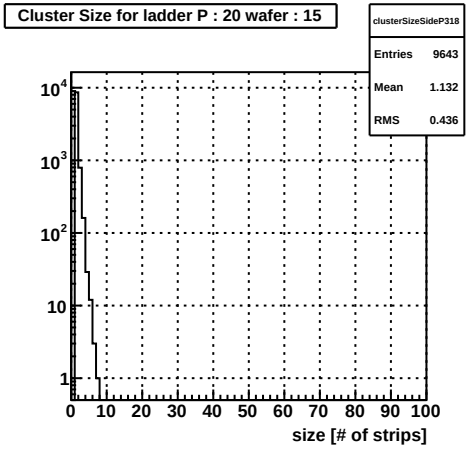

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2216
Mean 1.129
RMS 0.4276
size [# of strips]

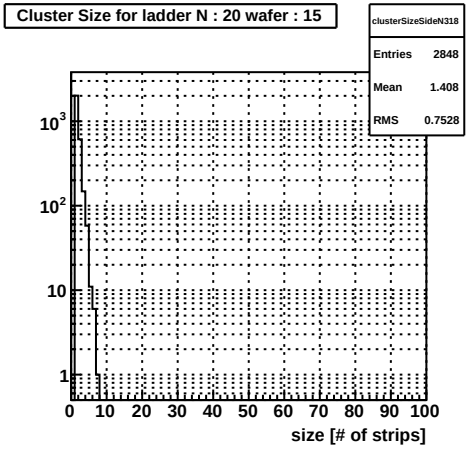

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3075
Mean 1.468
RMS 0.8841
size [# of strips]

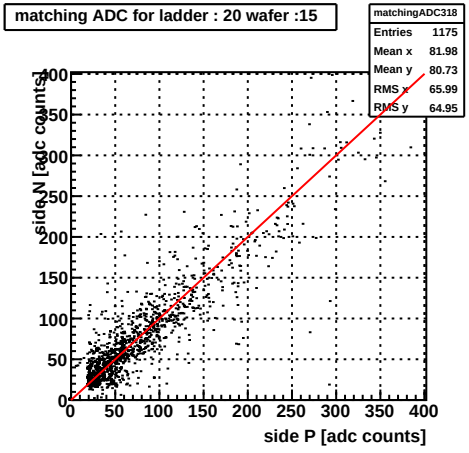

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1021
Mean x 86.89
Mean y 86.3
RMS x 62.53
RMS y 58.63
side N [adc counts]
side P [adc counts]

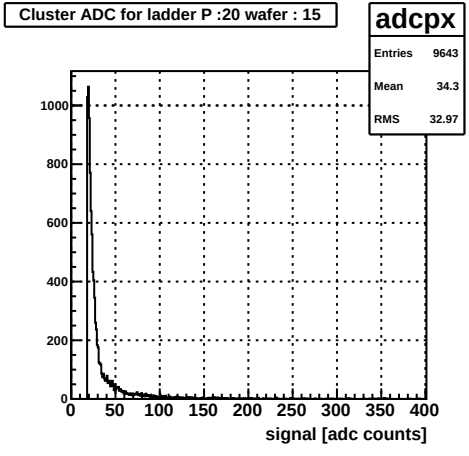

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2216
Mean 57.97
RMS 48.34
signal [adc counts]

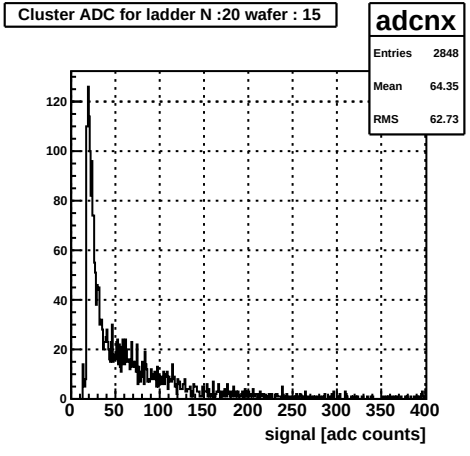

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3075
Mean 62.38
RMS 59.57
signal [adc counts]

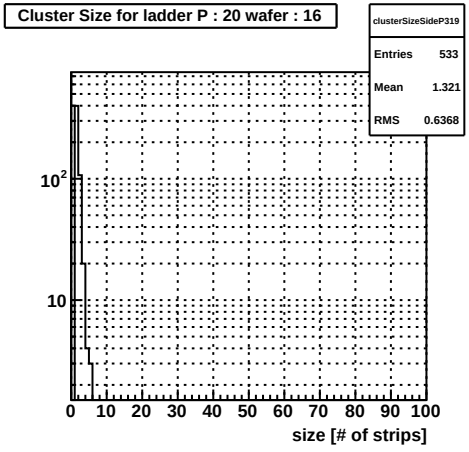

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 9643
Mean 1.132
RMS 0.436
size [# of strips]

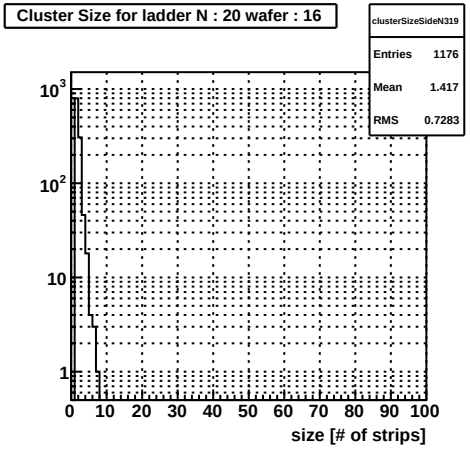

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2848
Mean 1.408
RMS 0.7528
size [# of strips]

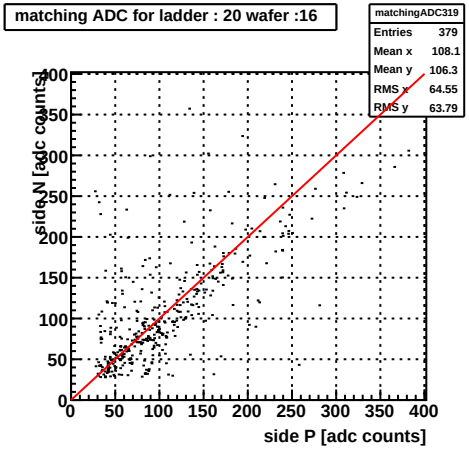

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1175
Mean x 81.98
Mean y 80.73
RMS x 65.99
RMS y 64.95
side N [adc counts]
side P [adc counts]

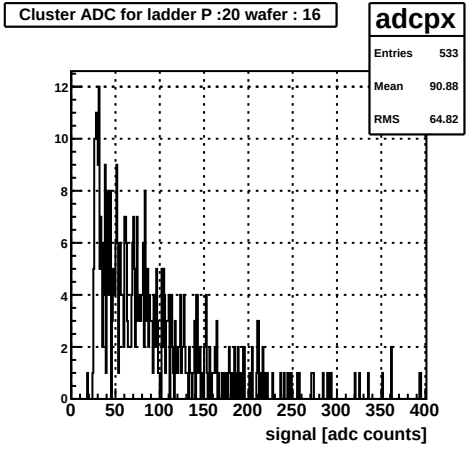

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 9643
Mean 34.3
RMS 32.97
signal [adc counts]

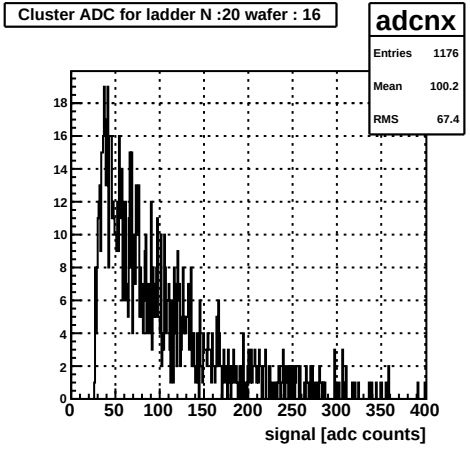

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2848
Mean 64.35
RMS 62.73
signal [adc counts]

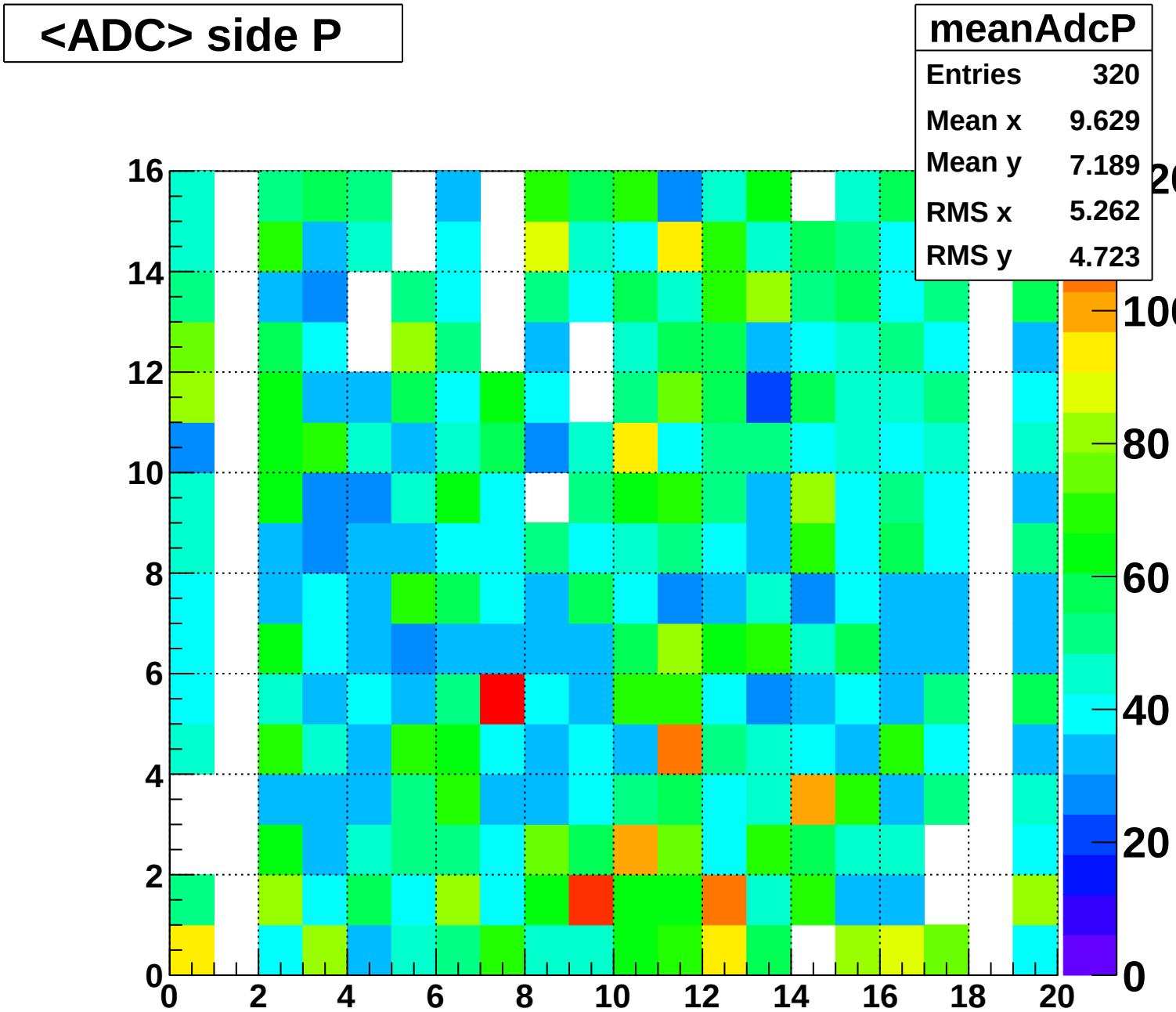

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 533
Mean 1.321
RMS 0.6368
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1176
Mean 1.417
RMS 0.7283
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 379
Mean x 108.1
Mean y 106.3
RMS x 64.55
RMS y 63.79
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 533
Mean 90.88
RMS 64.82
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1176
Mean 100.2
RMS 67.4
signal [adc counts]



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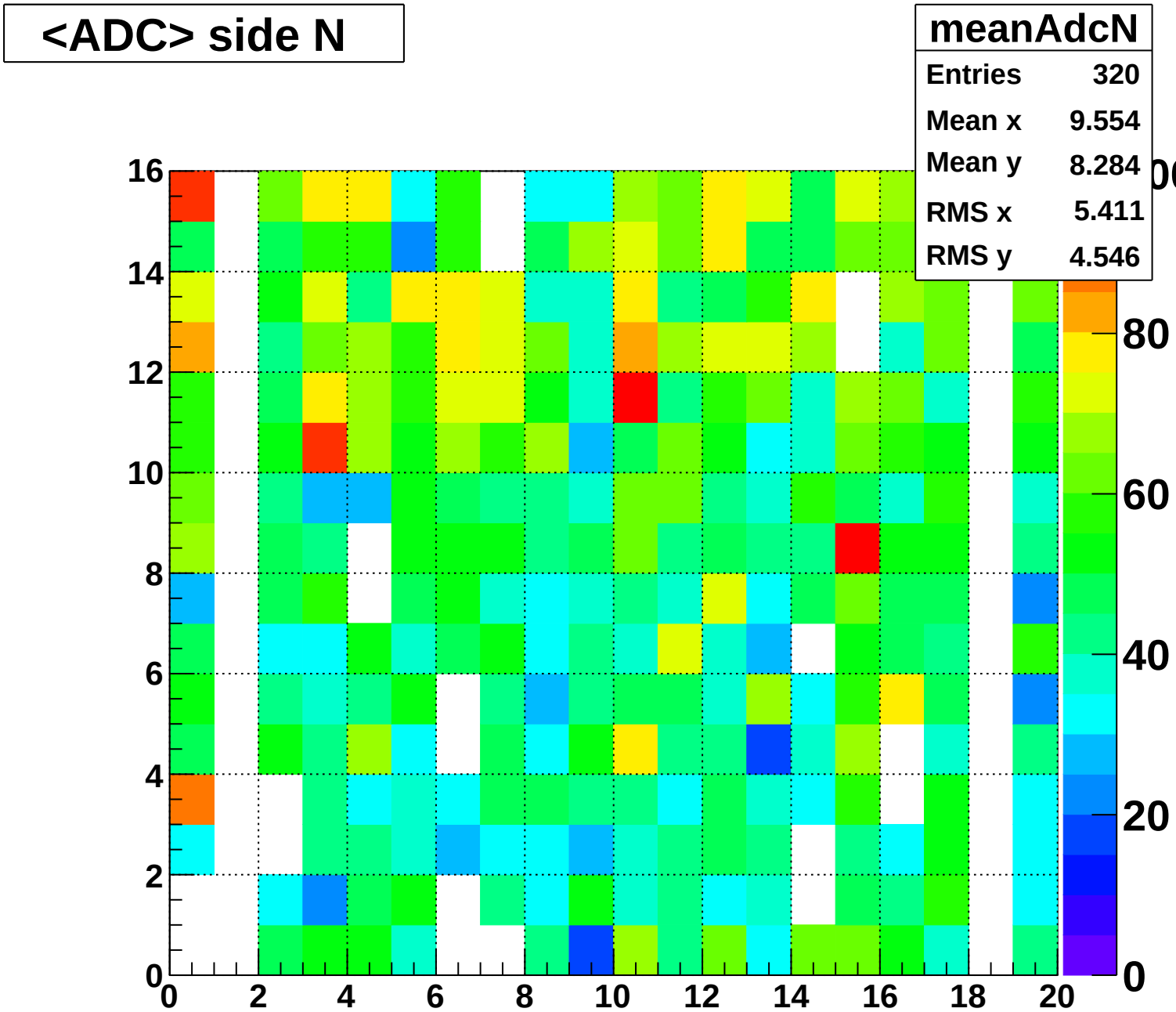

2016-05-19 00:26:07