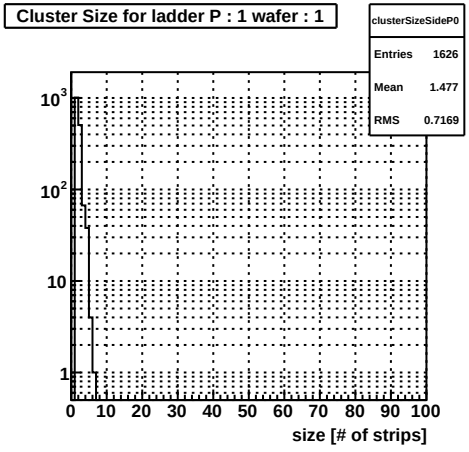
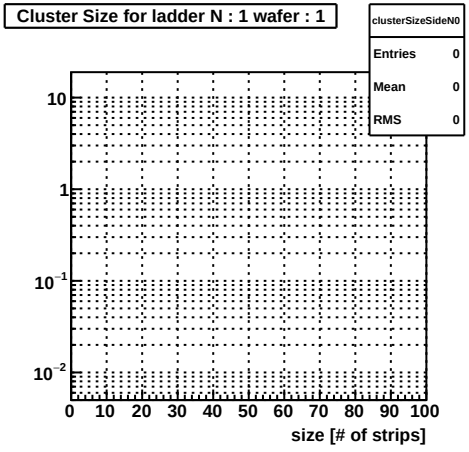
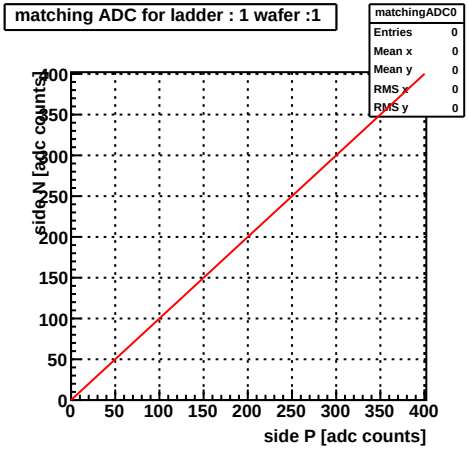
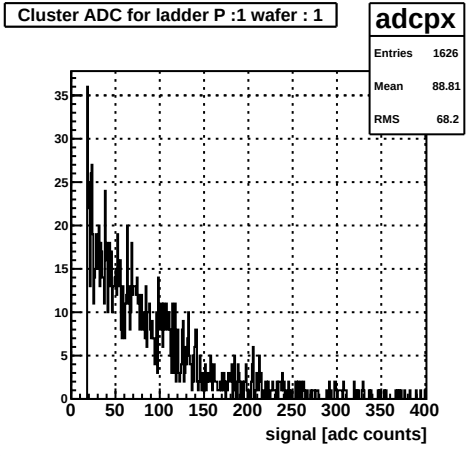
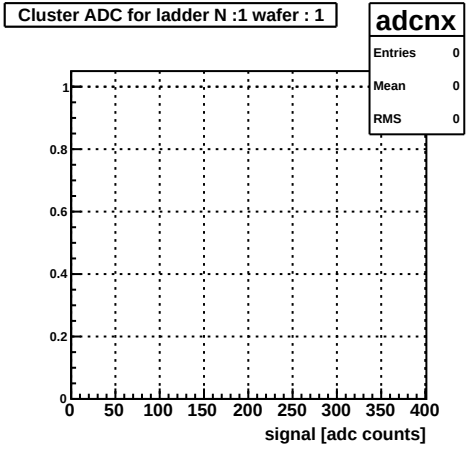
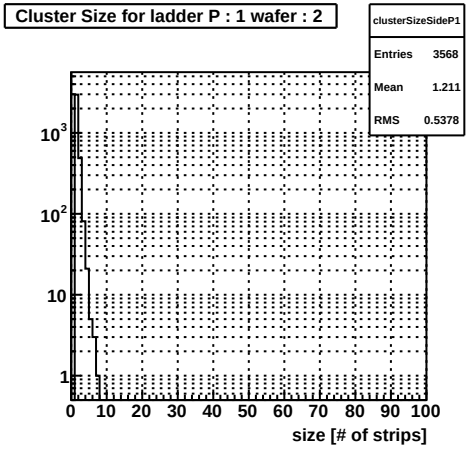

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1626
Mean 1.477
RMS 0.7169
size [# of strips]

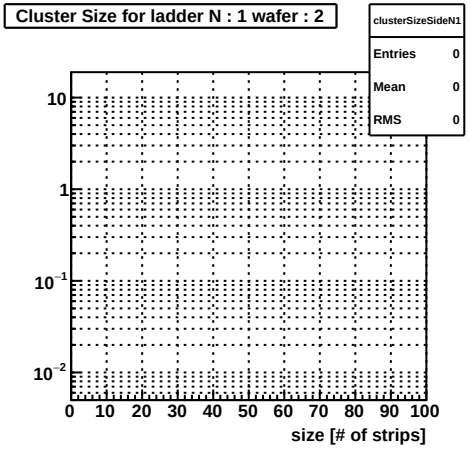

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

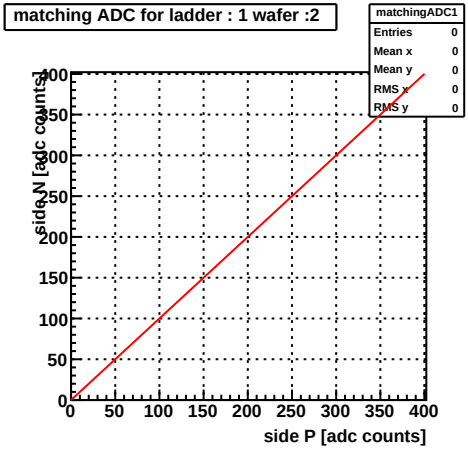

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

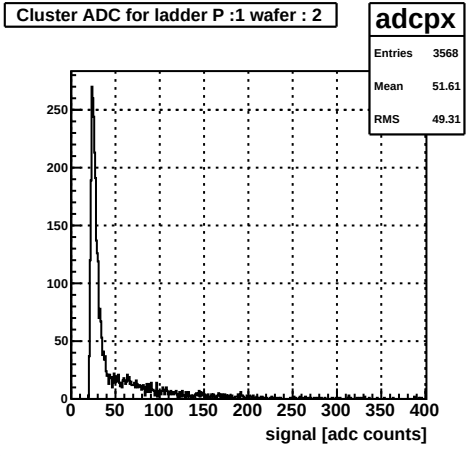

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1626
Mean 88.81
RMS 68.2
signal [adc counts]

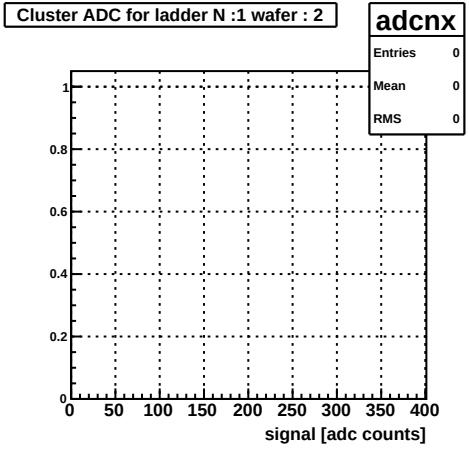

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

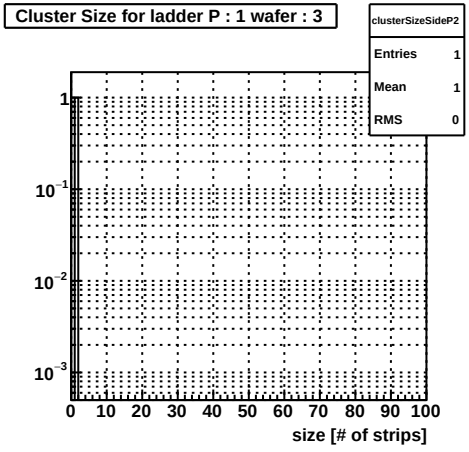

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3568
Mean 1.211
RMS 0.5378
size [# of strips]

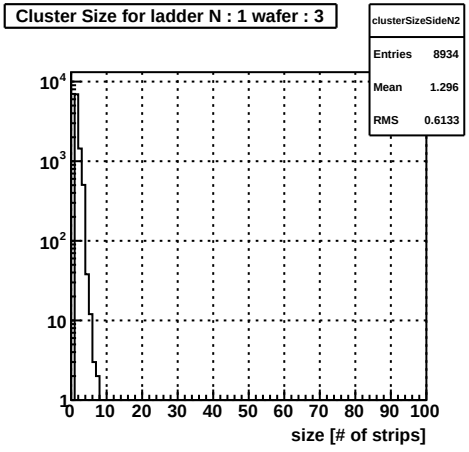

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

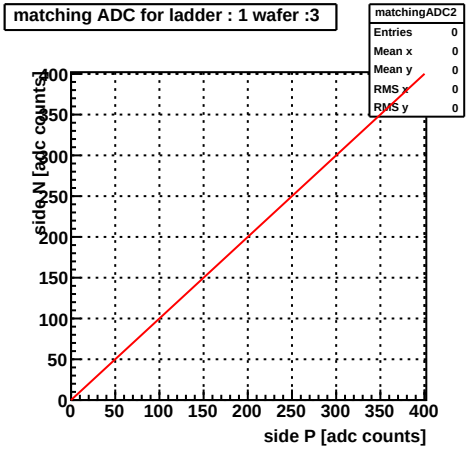

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

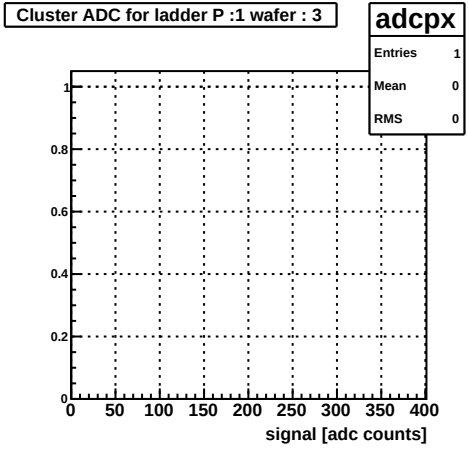

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3568
Mean 51.61
RMS 49.31
signal [adc counts]

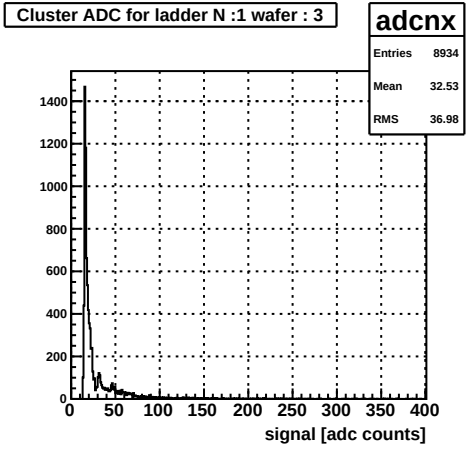

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

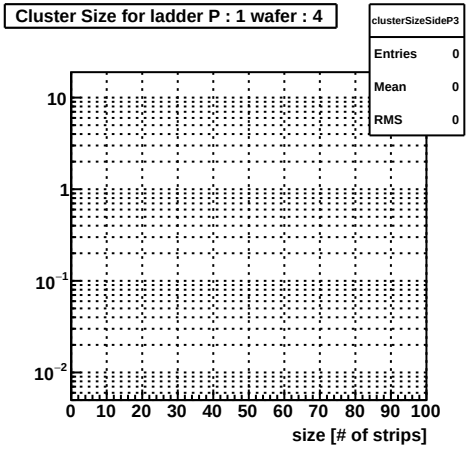

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

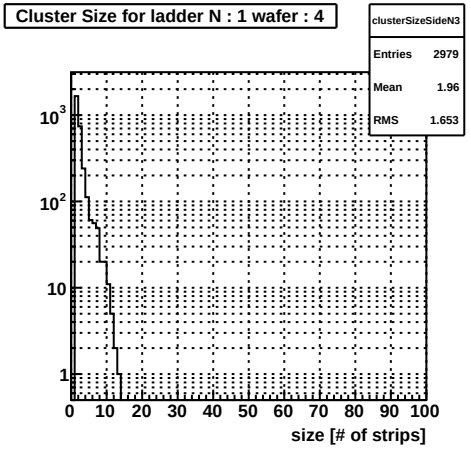

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8934
Mean 1.296
RMS 0.6133
size [# of strips]

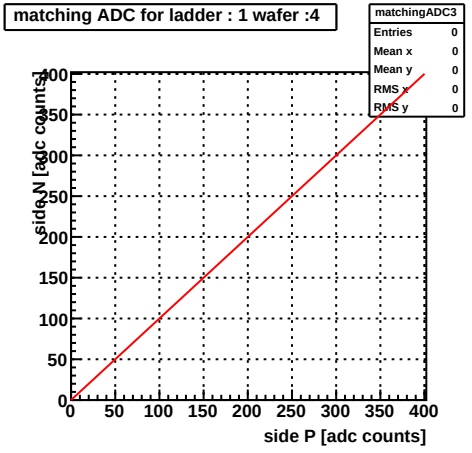

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

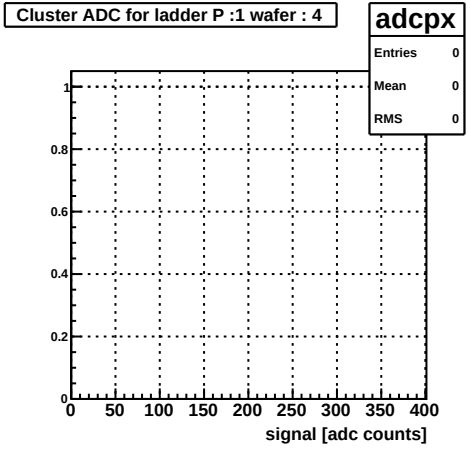

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

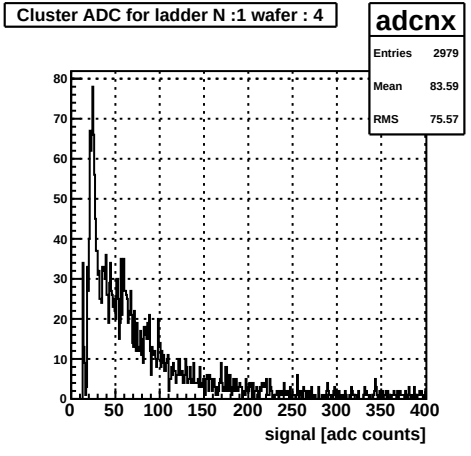

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8934
Mean 32.53
RMS 36.98
signal [adc counts]

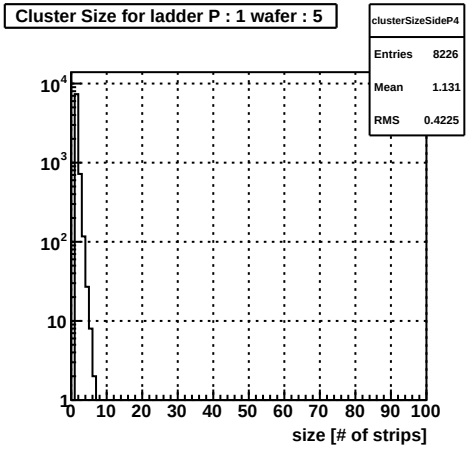

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

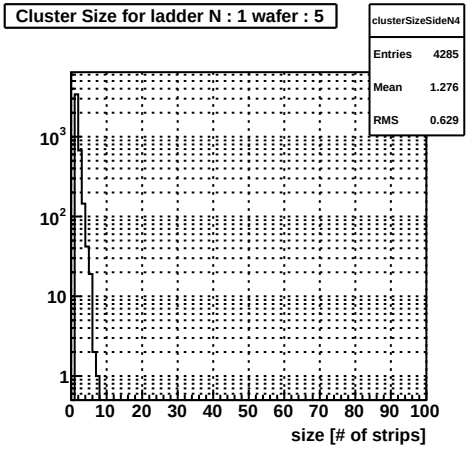

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2979
Mean 1.96
RMS 1.653
size [# of strips]

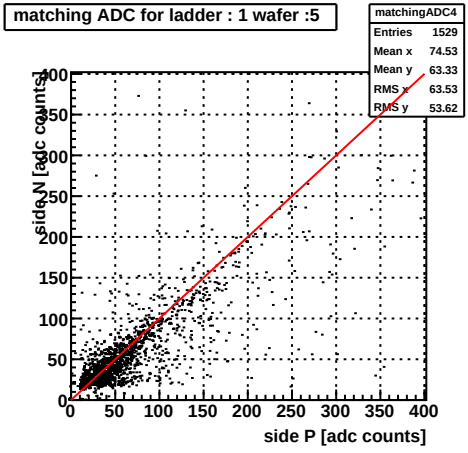

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

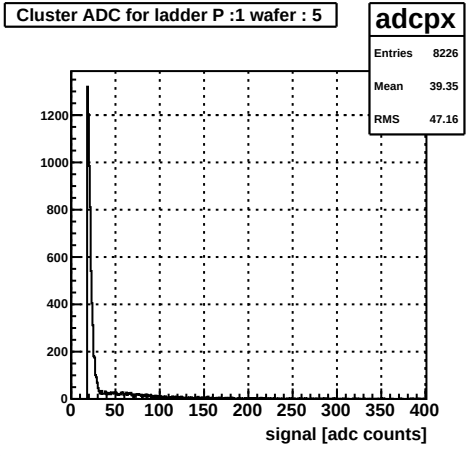

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

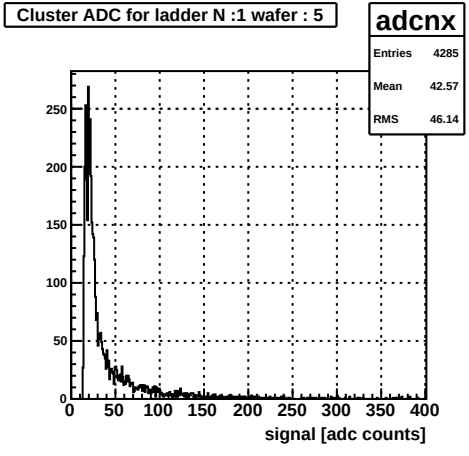

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2979
Mean 83.59
RMS 75.57
signal [adc counts]

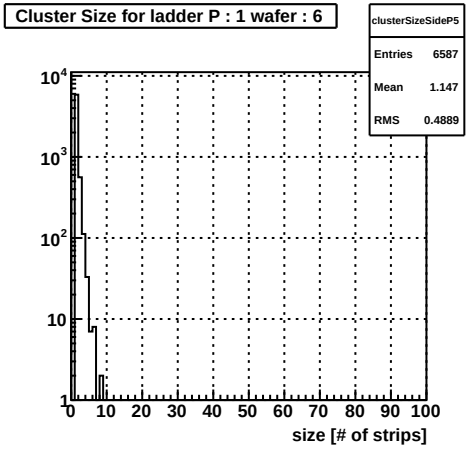

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8226
Mean 1.131
RMS 0.4225
size [# of strips]

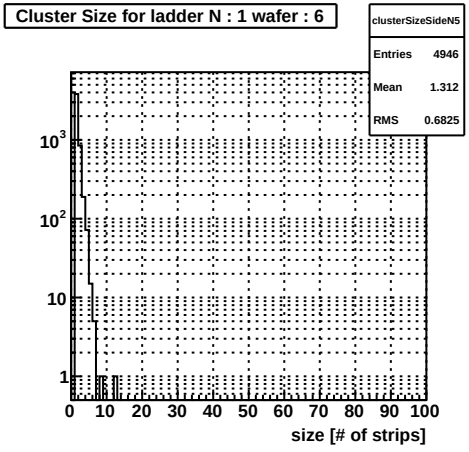

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4285
Mean 1.276
RMS 0.629
size [# of strips]

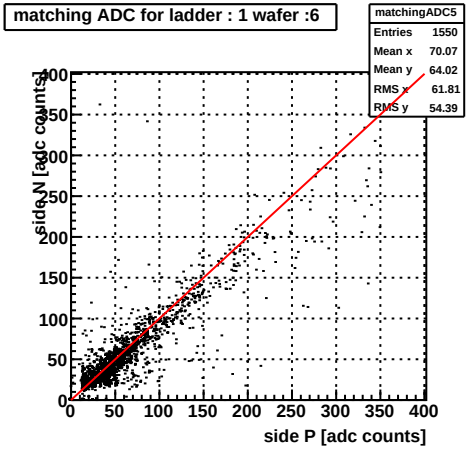

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1529
Mean x 74.53
Mean y 63.33
RMS x 63.53
RMS y 53.62
side N [adc counts]
side P [adc counts]

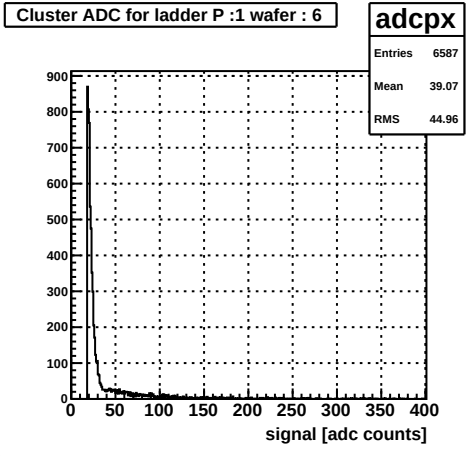

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8226
Mean 39.35
RMS 47.16
signal [adc counts]

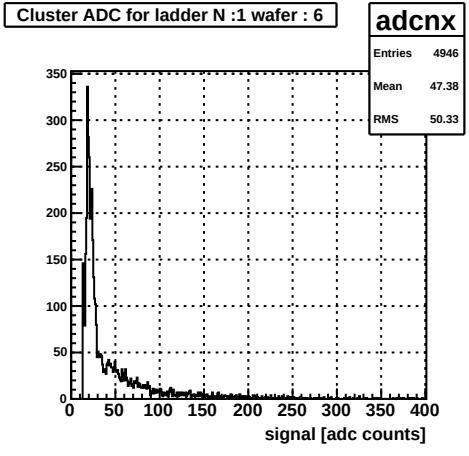

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4285
Mean 42.57
RMS 46.14
signal [adc counts]

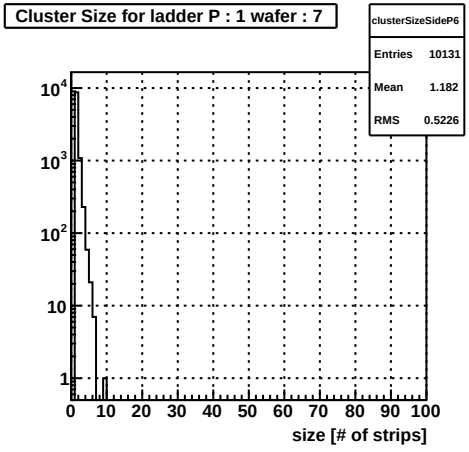

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6587
Mean 1.147
RMS 0.4889
size [# of strips]

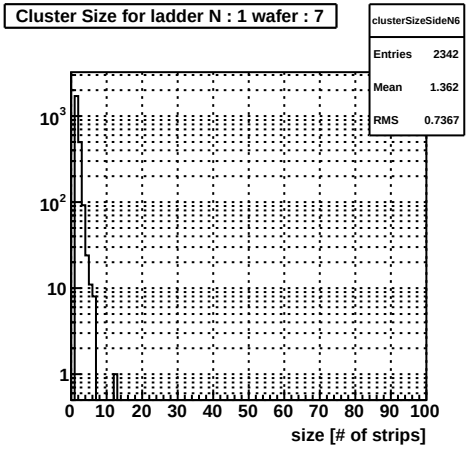

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4946
Mean 1.312
RMS 0.6825
size [# of strips]

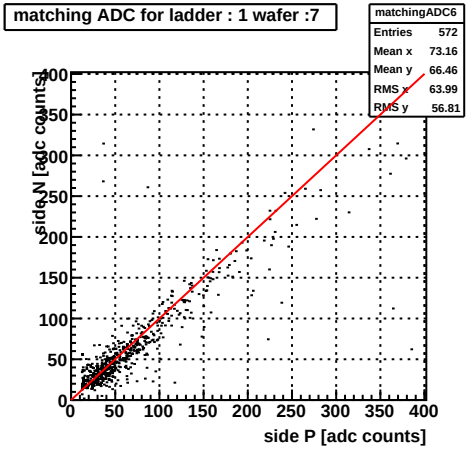

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1550
Mean x 70.07
Mean y 64.02
RMS x 61.81
RMS y 54.39
side N [adc counts]
side P [adc counts]

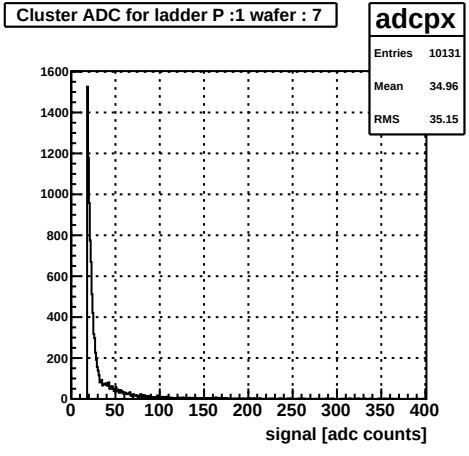

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6587
Mean 39.07
RMS 44.96
signal [adc counts]

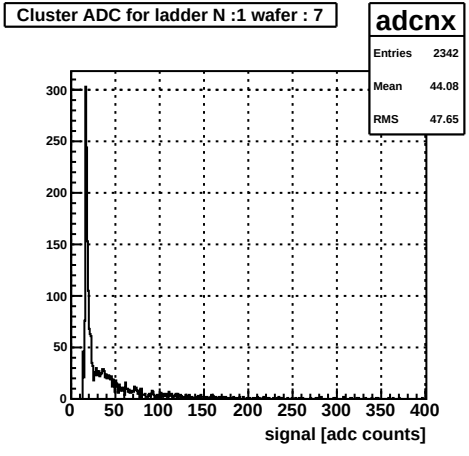

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4946
Mean 47.38
RMS 50.33
signal [adc counts]

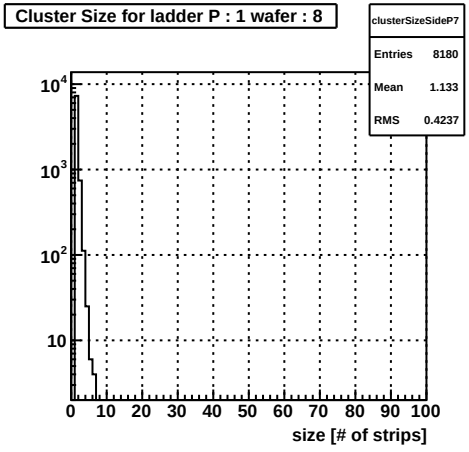

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10131
Mean 1.182
RMS 0.5226
size [# of strips]

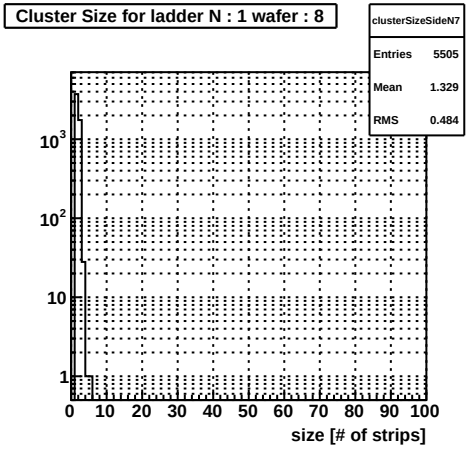

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2342
Mean 1.362
RMS 0.7367
size [# of strips]

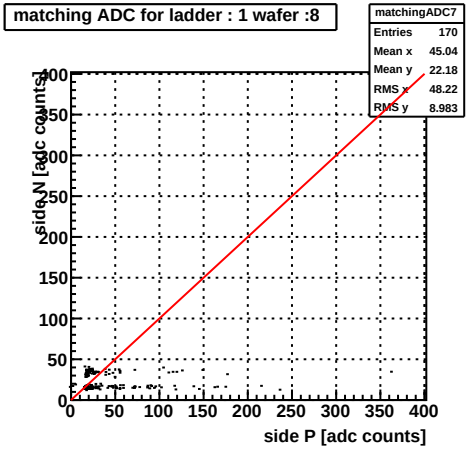

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 572
Mean x 73.16
Mean y 66.46
RMS x 63.99
RMS y 56.81
side N [adc counts]
side P [adc counts]

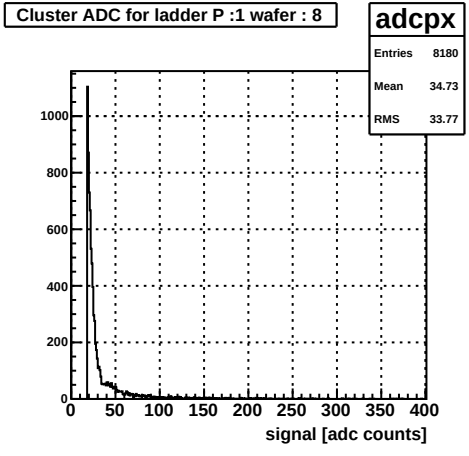

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10131
Mean 34.96
RMS 35.15
signal [adc counts]

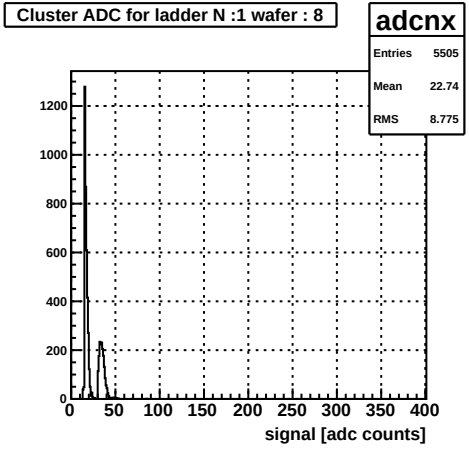

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2342
Mean 44.08
RMS 47.65
signal [adc counts]

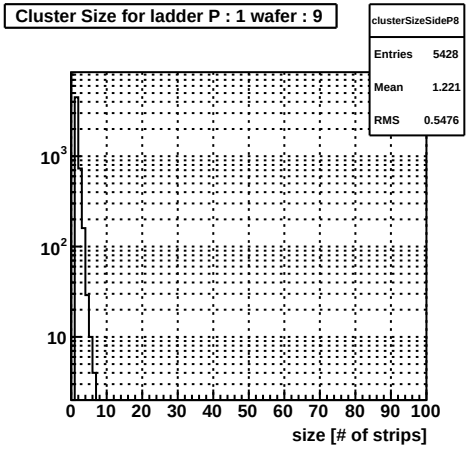

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8180
Mean 1.133
RMS 0.4237
size [# of strips]

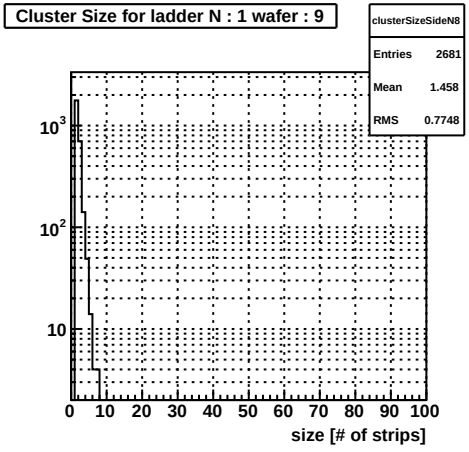

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5505
Mean 1.329
RMS 0.484
size [# of strips]

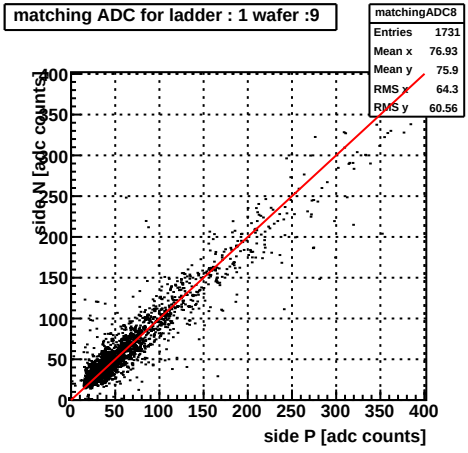

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 170
Mean x 45.04
Mean y 22.18
RMS x 48.22
RMS y 8.983
side N [adc counts]
side P [adc counts]

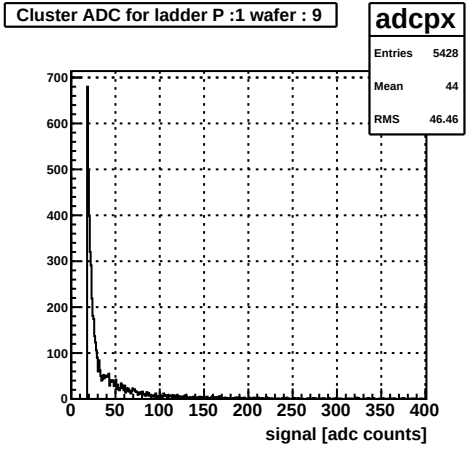

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8180
Mean 34.73
RMS 33.77
signal [adc counts]

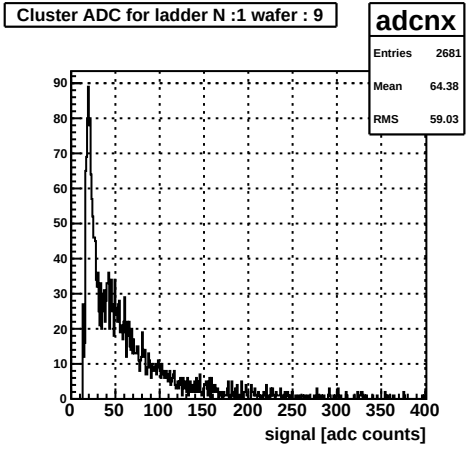

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5505
Mean 22.74
RMS 8.775
signal [adc counts]

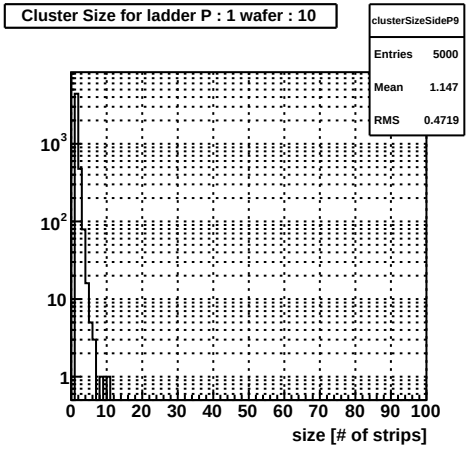

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5428
Mean 1.221
RMS 0.5476
size [# of strips]

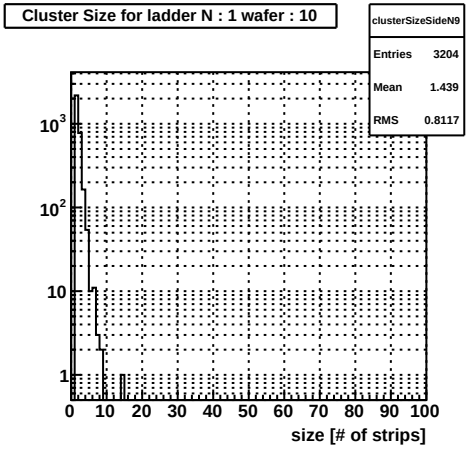

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2681
Mean 1.458
RMS 0.7748
size [# of strips]

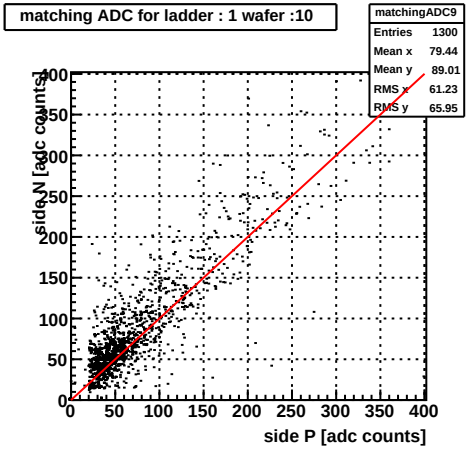

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1731
Mean x 76.93
Mean y 75.9
RMS x 64.3
RMS y 60.56
side N [adc counts]
side P [adc counts]

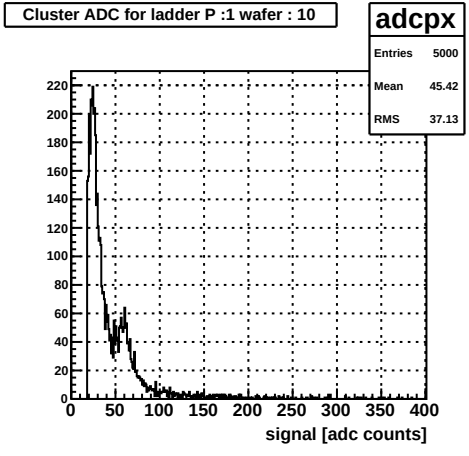

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5428
Mean 44
RMS 46.46
signal [adc counts]

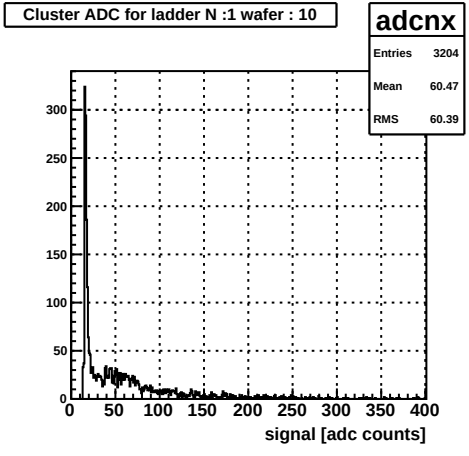

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2681
Mean 64.38
RMS 59.03
signal [adc counts]

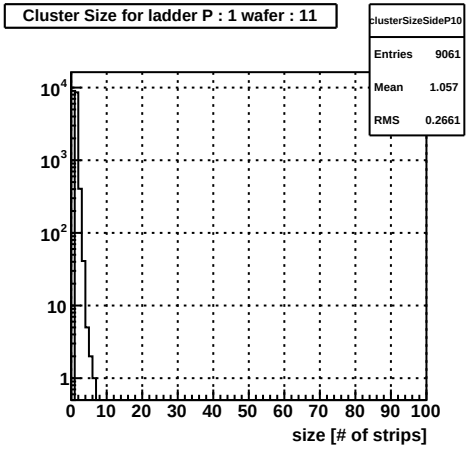

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5000
Mean 1.147
RMS 0.4719
size [# of strips]

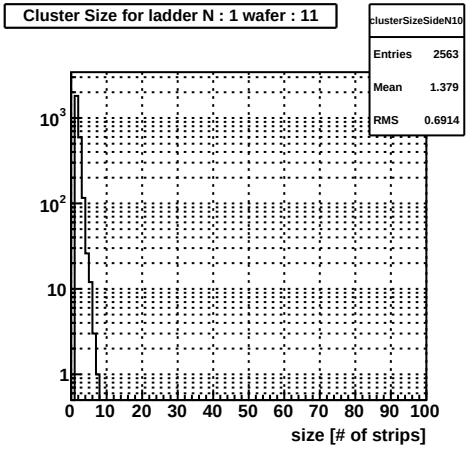

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3204
Mean 1.439
RMS 0.8117
size [# of strips]

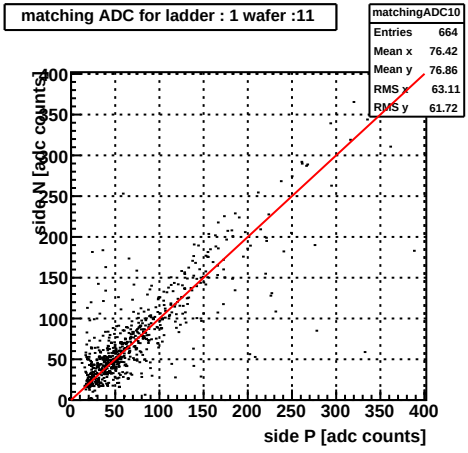

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1300
Mean x 79.44
Mean y 89.01
RMS x 61.23
RMS y 65.95
side N [adc counts]
side P [adc counts]

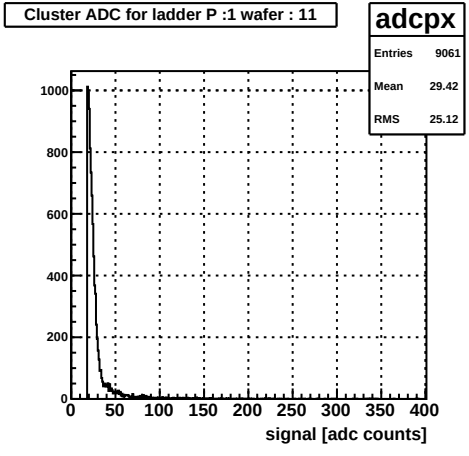

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5000
Mean 45.42
RMS 37.13
signal [adc counts]

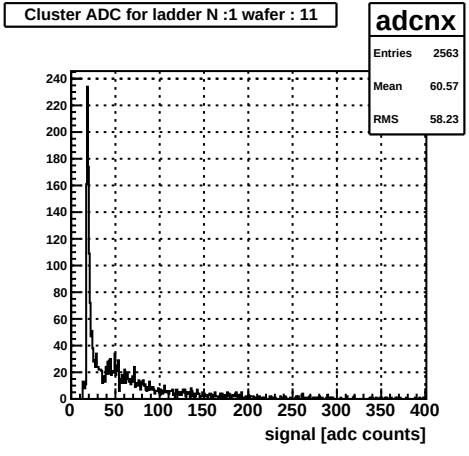

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3204
Mean 60.47
RMS 60.39
signal [adc counts]

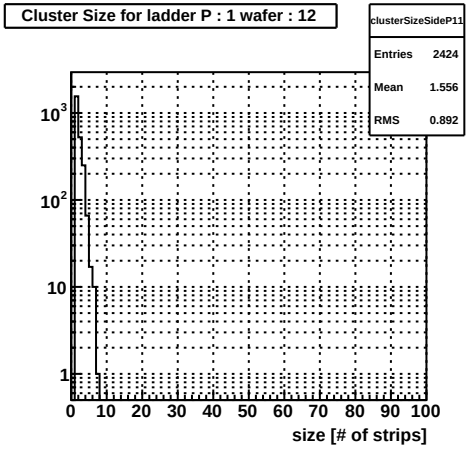

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9061
Mean 1.057
RMS 0.2661
size [# of strips]

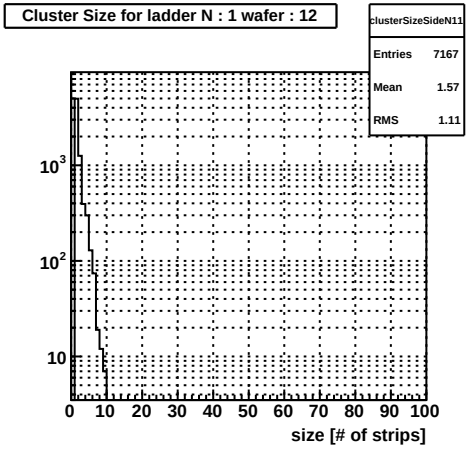

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2563
Mean 1.379
RMS 0.6914
size [# of strips]

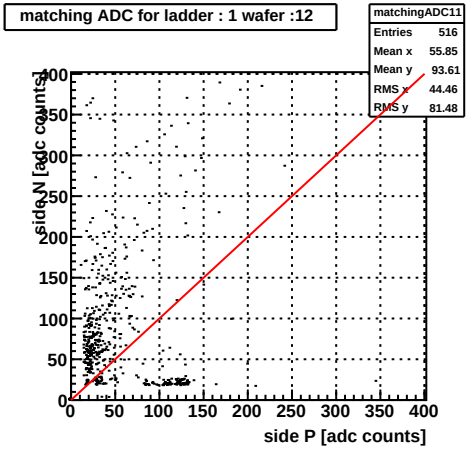

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 664
Mean x 76.42
Mean y 76.86
RMS x 63.11
RMS y 61.72
side N [adc counts]
side P [adc counts]

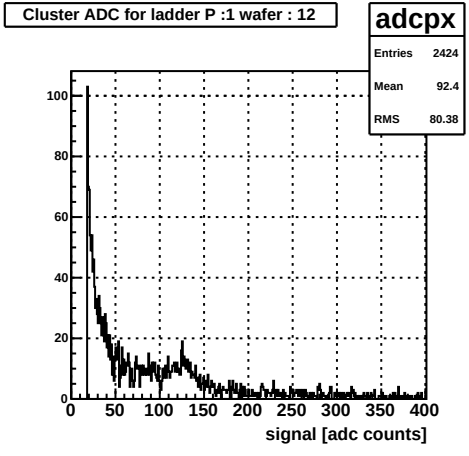

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9061
Mean 29.42
RMS 25.12
signal [adc counts]

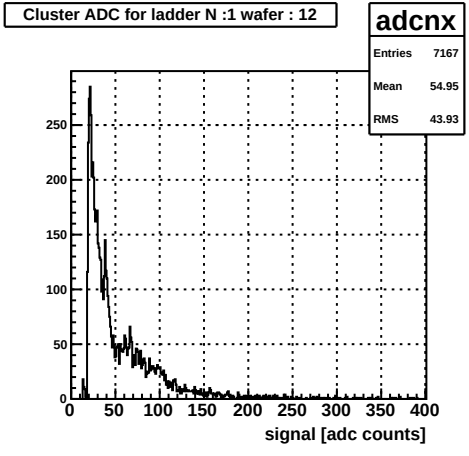

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2563
Mean 60.57
RMS 58.23
signal [adc counts]

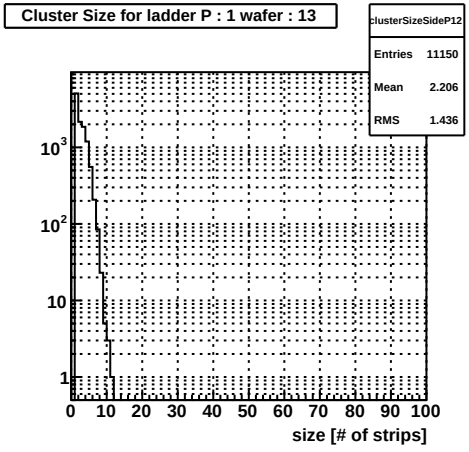

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2424
Mean 1.556
RMS 0.892
size [# of strips]

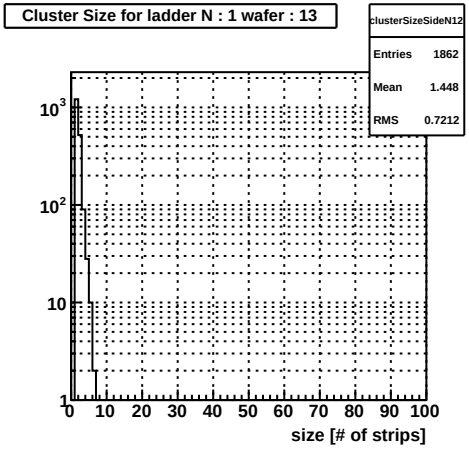

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7167
Mean 1.57
RMS 1.11
size [# of strips]

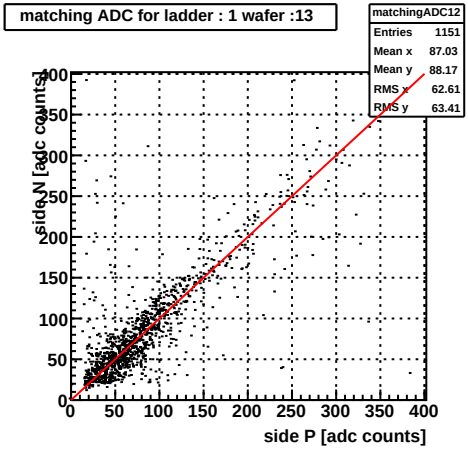

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 516
Mean x 55.85
Mean y 93.61
RMS x 44.46
RMS y 81.48
side N [adc counts]
side P [adc counts]

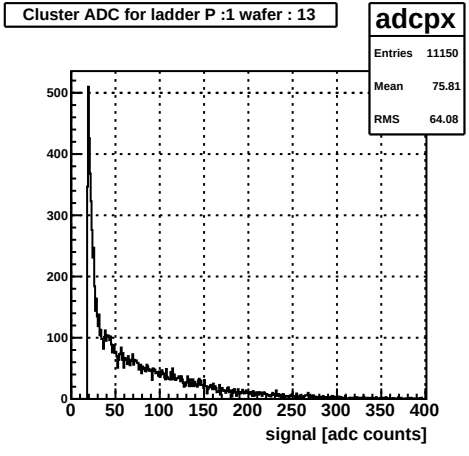

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2424
Mean 92.4
RMS 80.38
signal [adc counts]

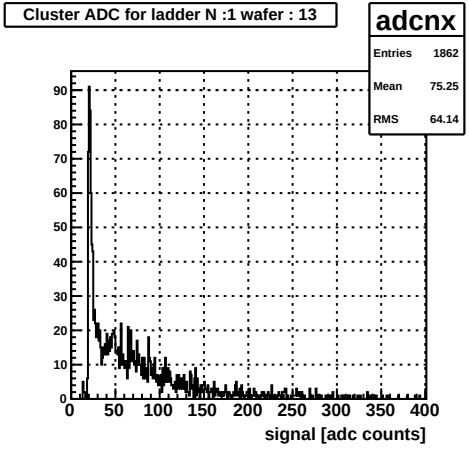

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7167
Mean 54.95
RMS 43.93
signal [adc counts]

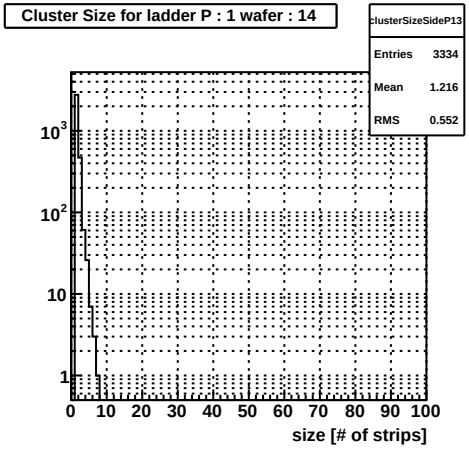

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11150
Mean 2.206
RMS 1.436
size [# of strips]

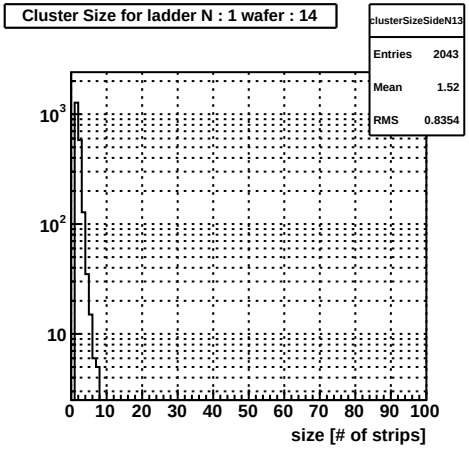

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1862
Mean 1.448
RMS 0.7212
size [# of strips]

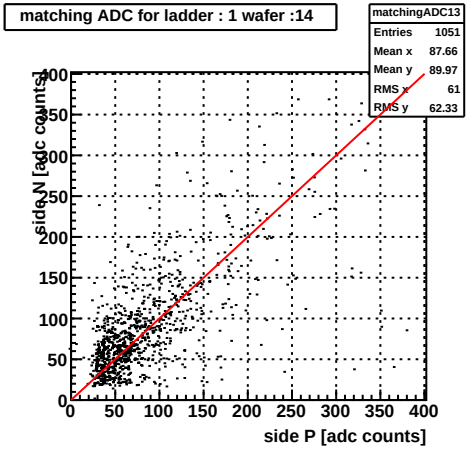

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1151
Mean x 87.03
Mean y 88.17
RMS x 62.61
RMS y 63.41
side N [adc counts]
side P [adc counts]

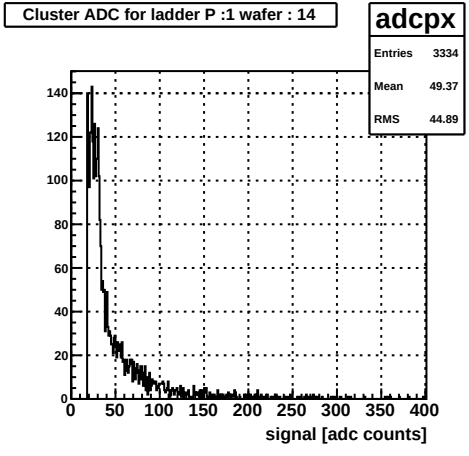

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11150
Mean 75.81
RMS 64.08
signal [adc counts]

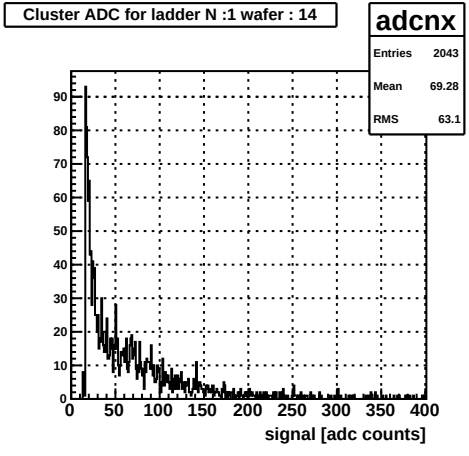

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1862
Mean 75.25
RMS 64.14
signal [adc counts]

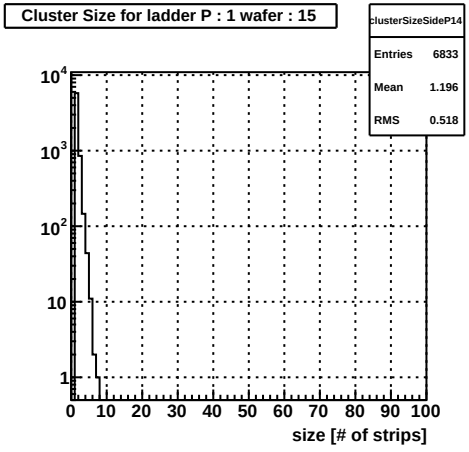

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3334
Mean 1.216
RMS 0.552
size [# of strips]

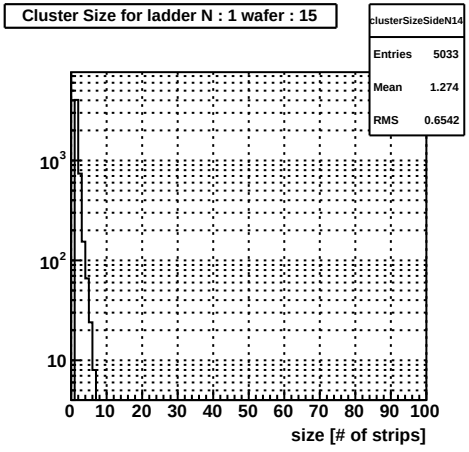

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2043
Mean 1.52
RMS 0.8354
size [# of strips]

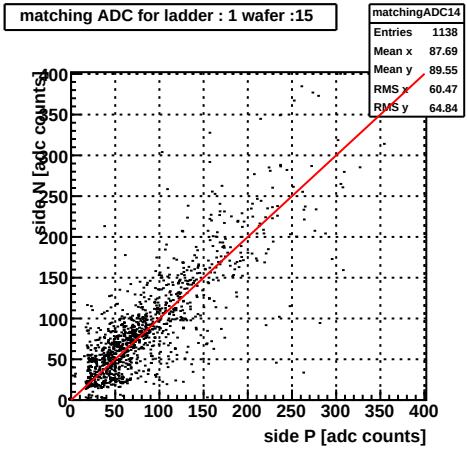

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1051
Mean x 87.66
Mean y 89.97
RMS x 61
RMS y 62.33
side N [adc counts]
side P [adc counts]

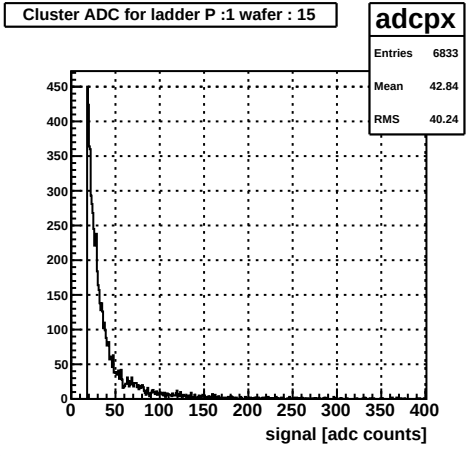

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3334
Mean 49.37
RMS 44.89
signal [adc counts]

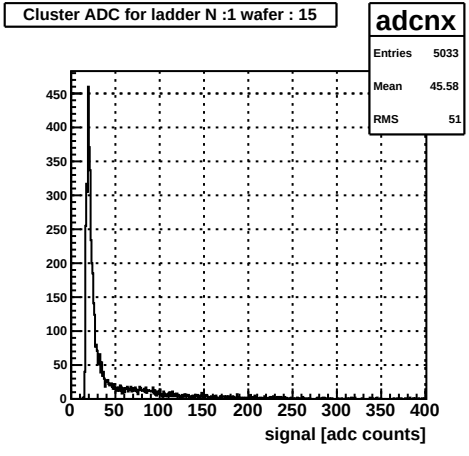

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2043
Mean 69.28
RMS 63.1
signal [adc counts]

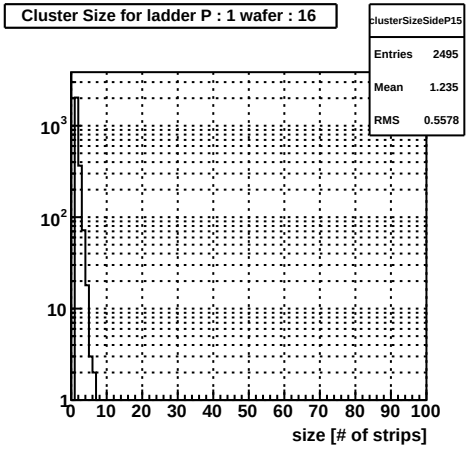

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 6833
Mean 1.196
RMS 0.518
size [# of strips]

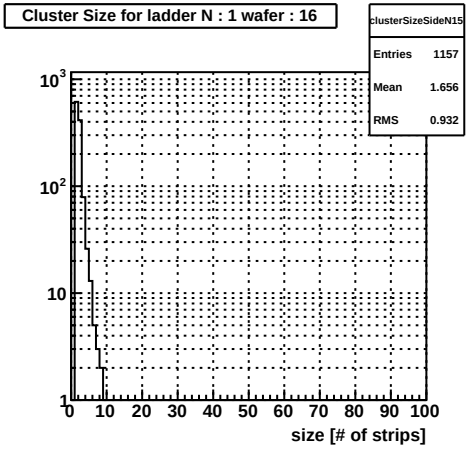

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5033
Mean 1.274
RMS 0.6542
size [# of strips]

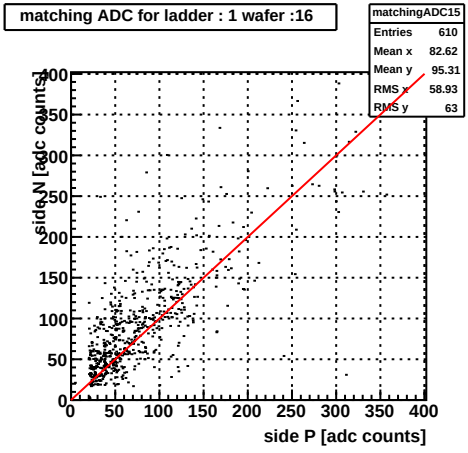

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1138
Mean x 87.69
Mean y 89.55
RMS x 60.47
RMS y 64.84
side N [adc counts]
side P [adc counts]

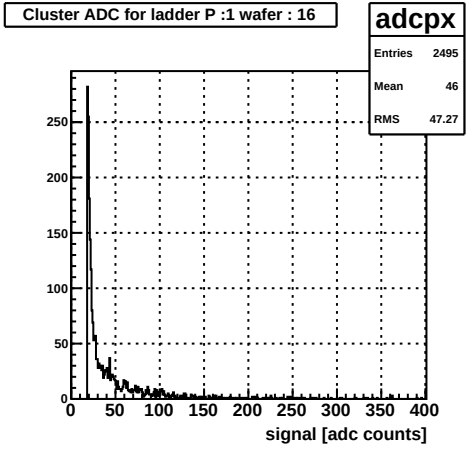

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 6833
Mean 42.84
RMS 40.24
signal [adc counts]

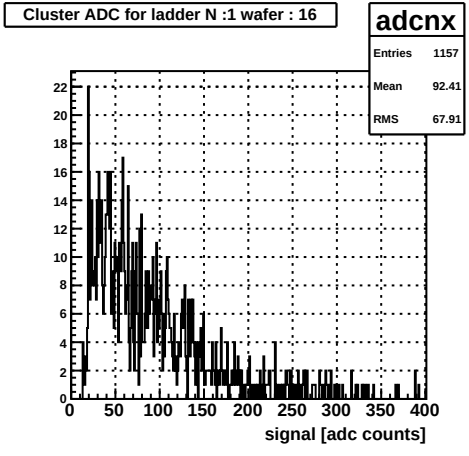

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5033
Mean 45.58
RMS 51
signal [adc counts]

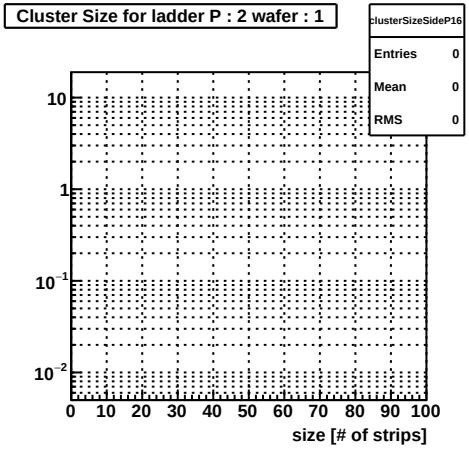

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2495
Mean 1.235
RMS 0.5578
size [# of strips]

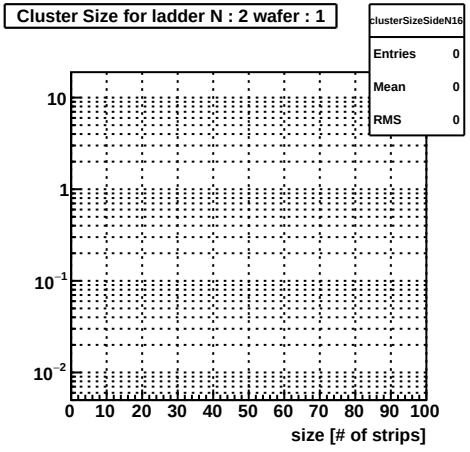

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1157
Mean 1.656
RMS 0.932
size [# of strips]

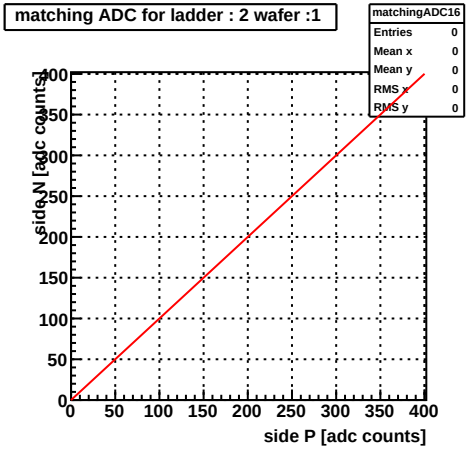

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 610
Mean x 82.62
Mean y 95.31
RMS x 58.93
RMS y 63
side N [adc counts]
side P [adc counts]

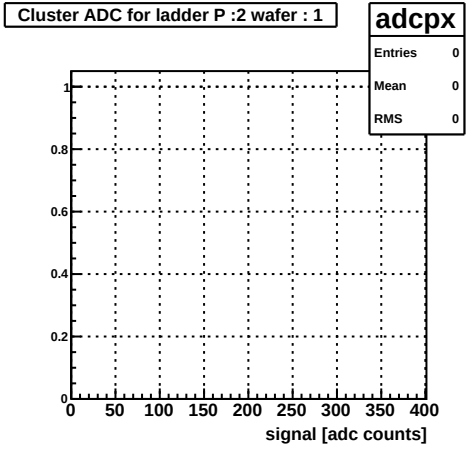

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2495
Mean 46
RMS 47.27
signal [adc counts]

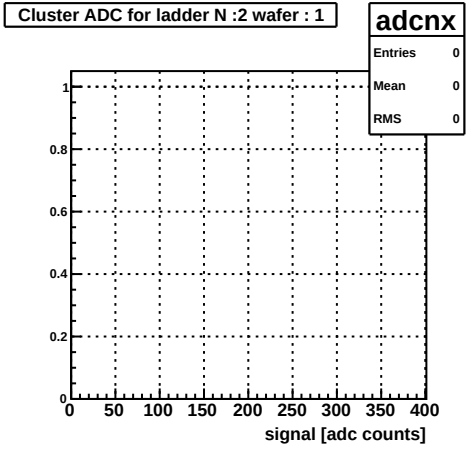

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1157
Mean 92.41
RMS 67.91
signal [adc counts]

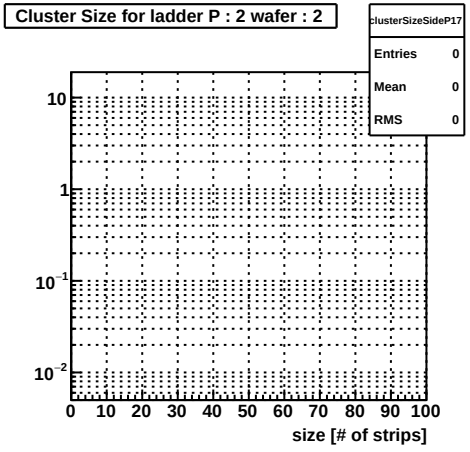

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

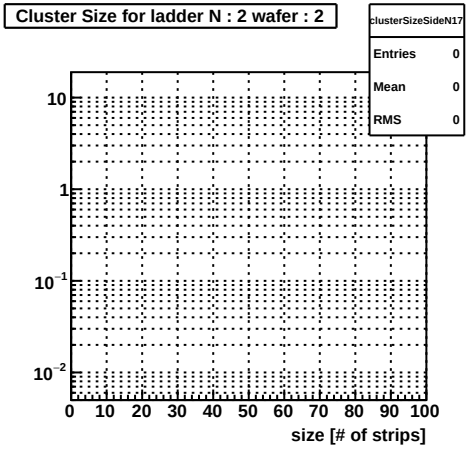

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

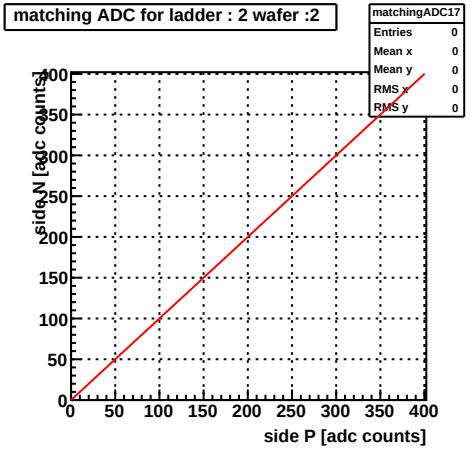

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

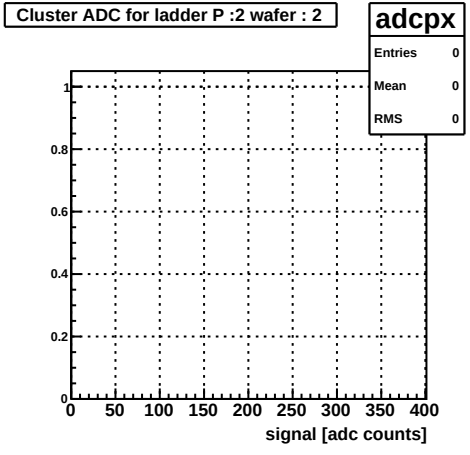

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

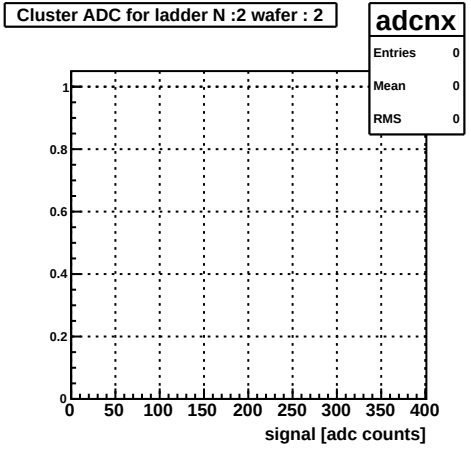

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

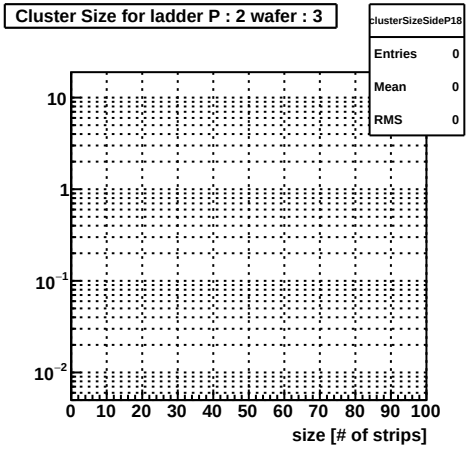

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

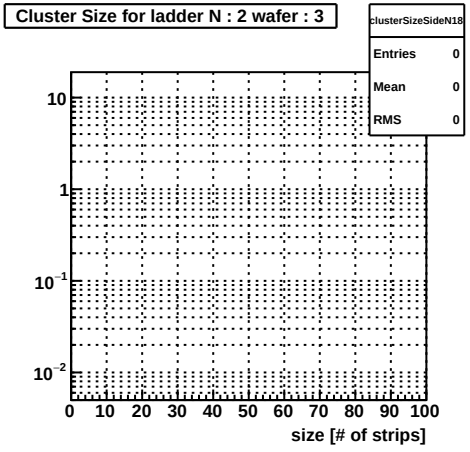

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

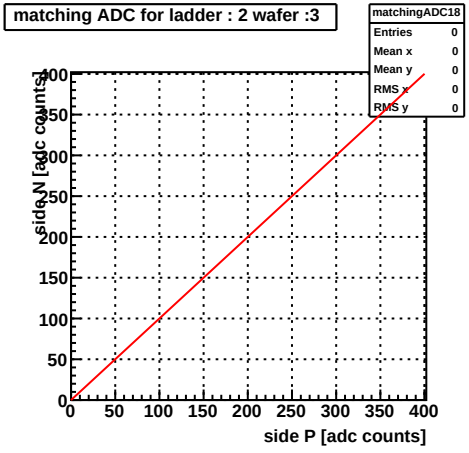

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

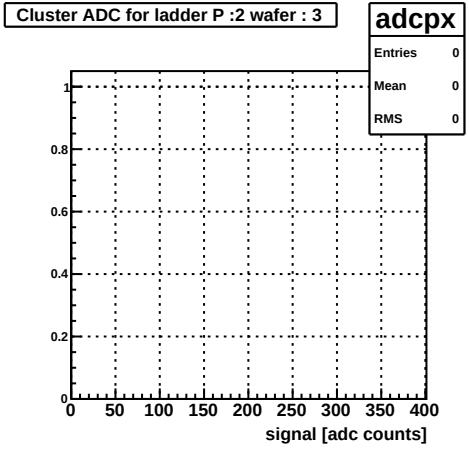

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

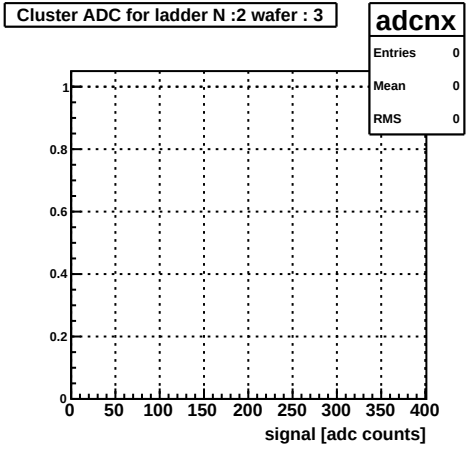

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

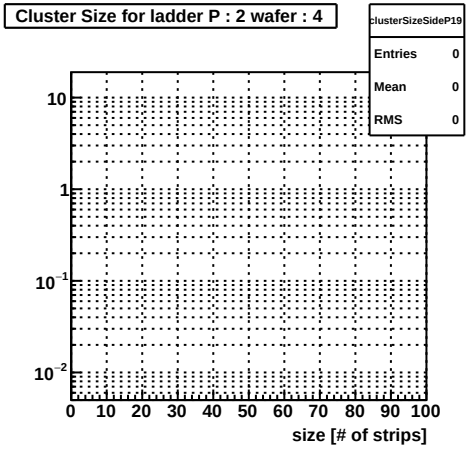

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

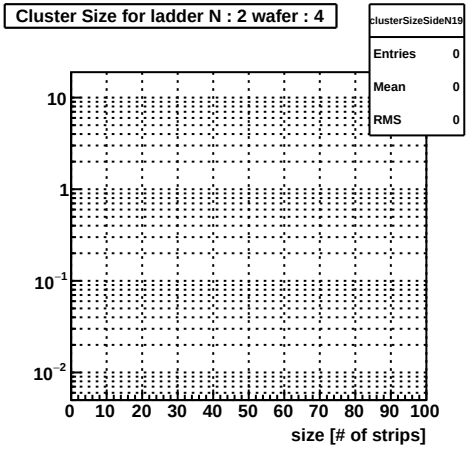

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

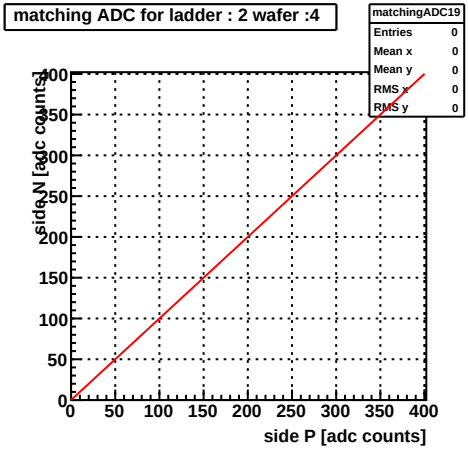

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

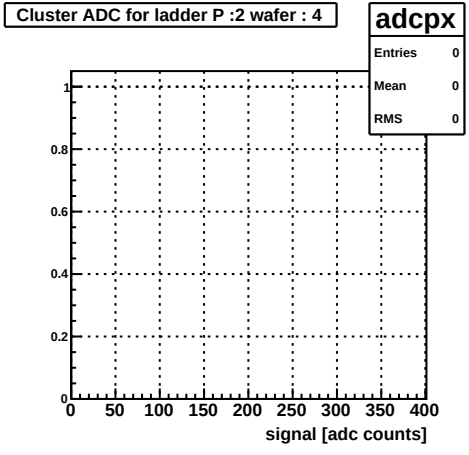

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

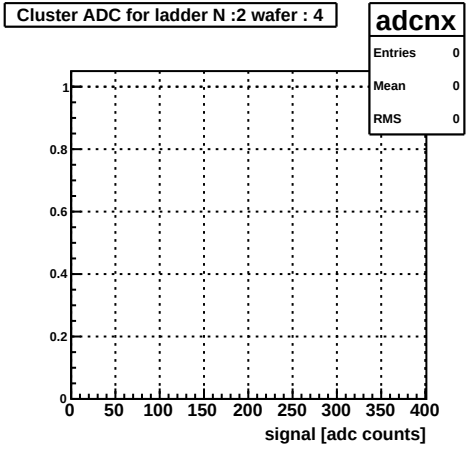

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

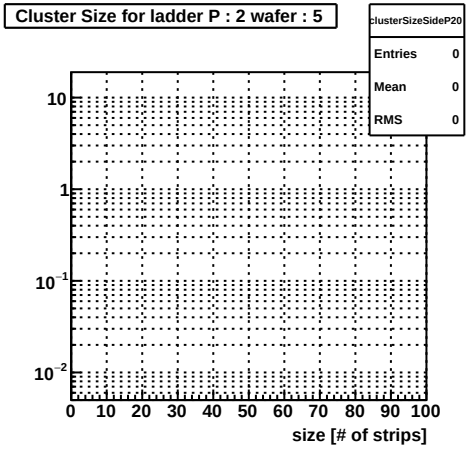

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

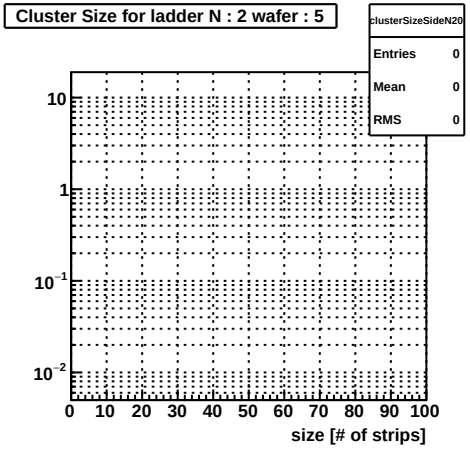

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

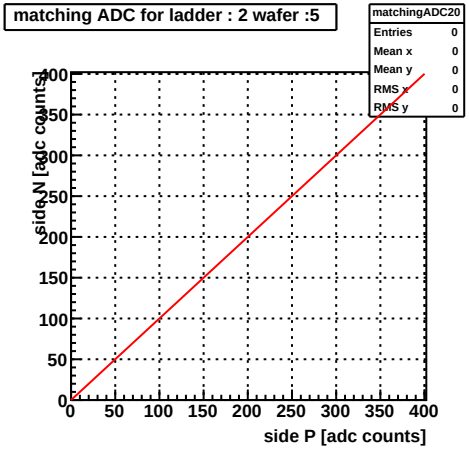

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

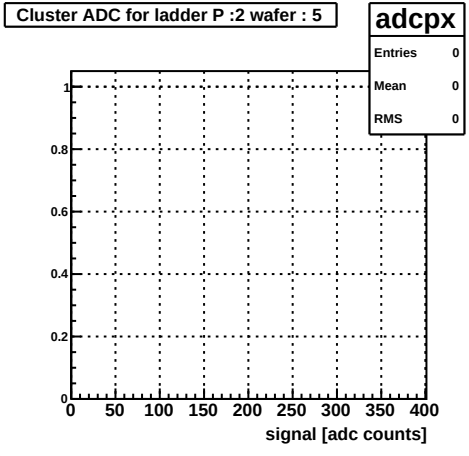

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

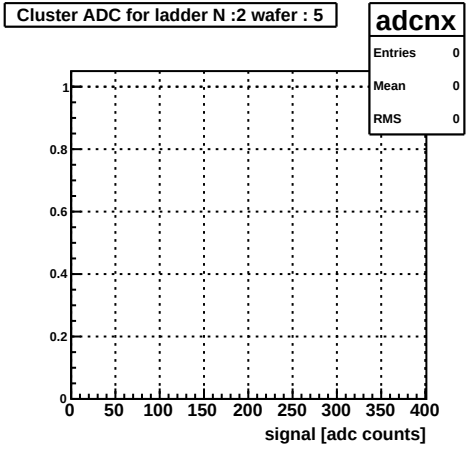

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

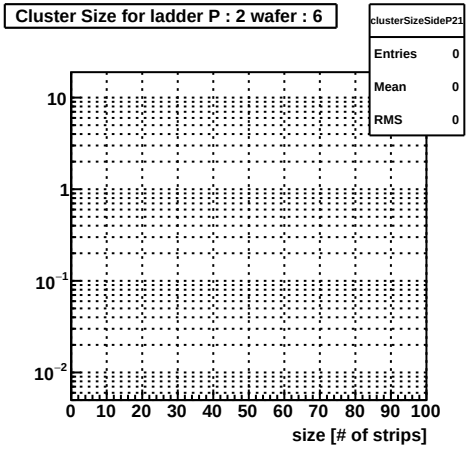

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

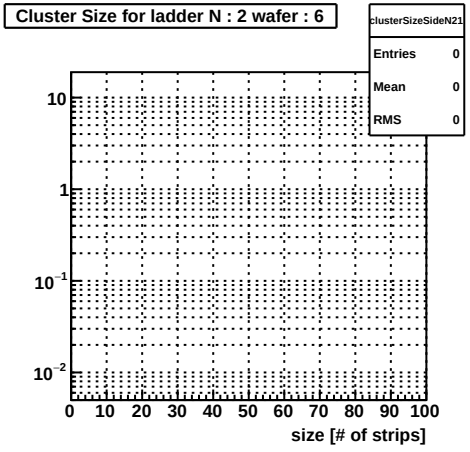

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

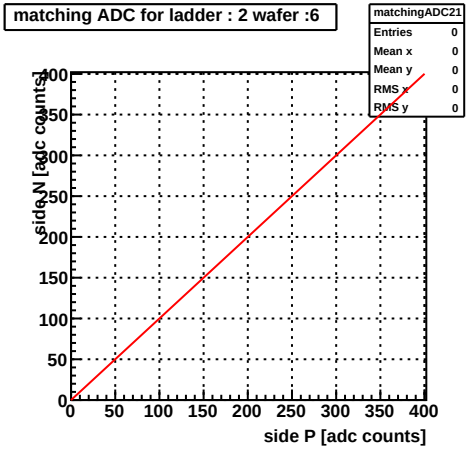

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

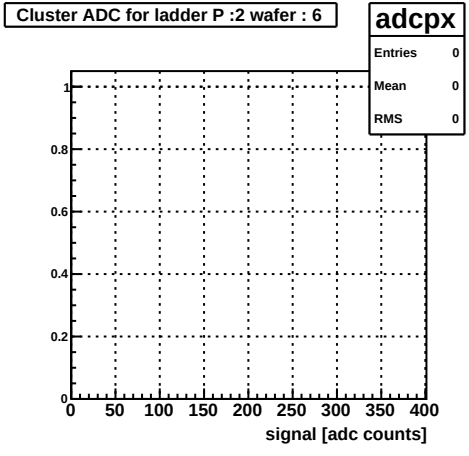

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

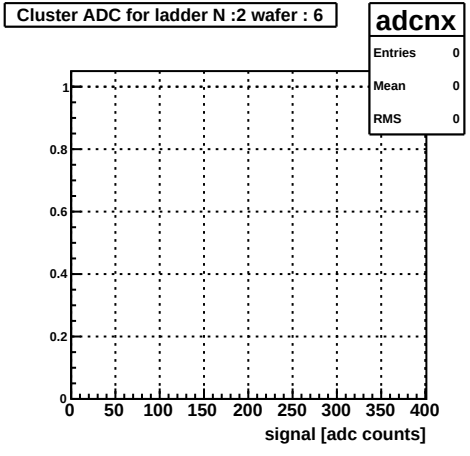

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

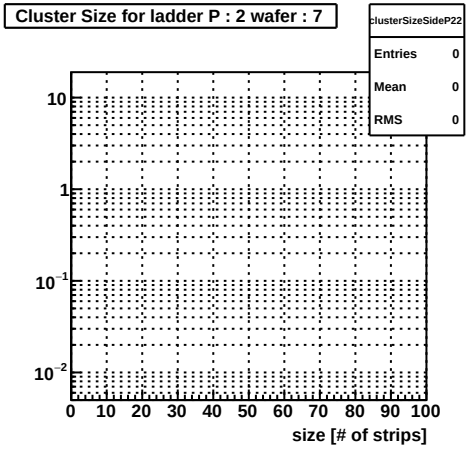

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

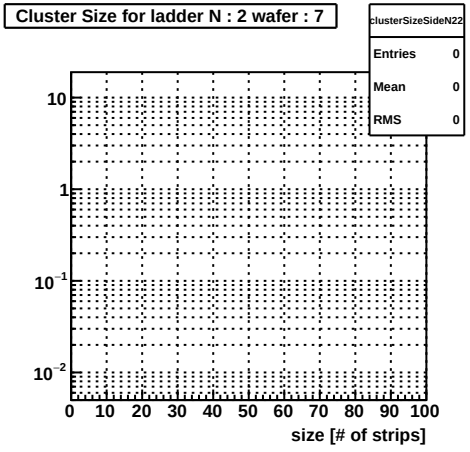

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

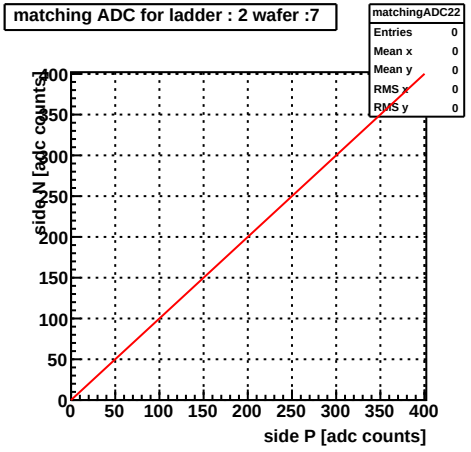

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

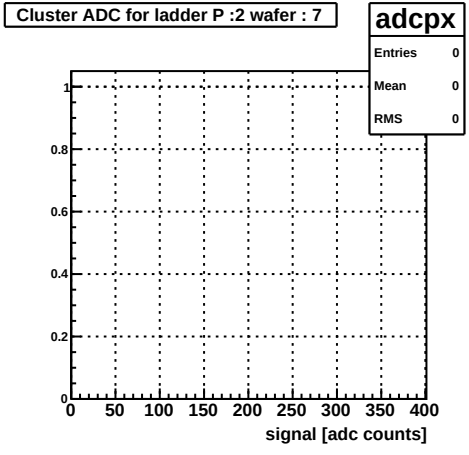

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

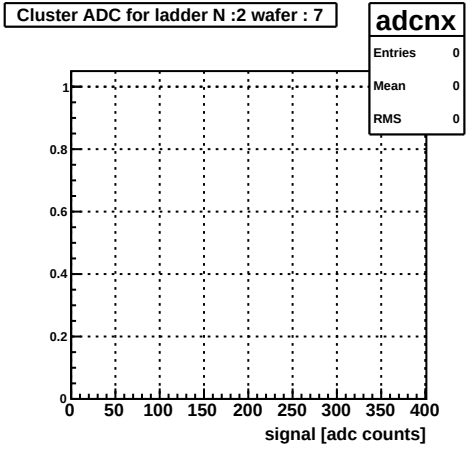

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

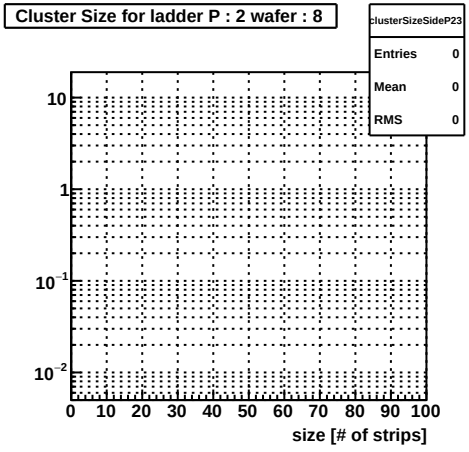

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

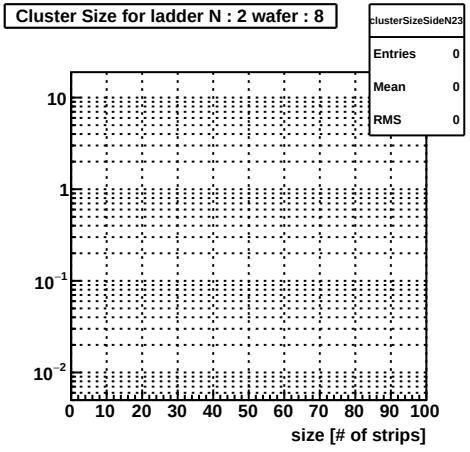

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

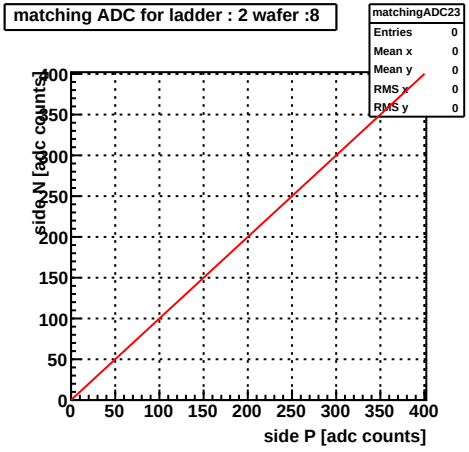

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

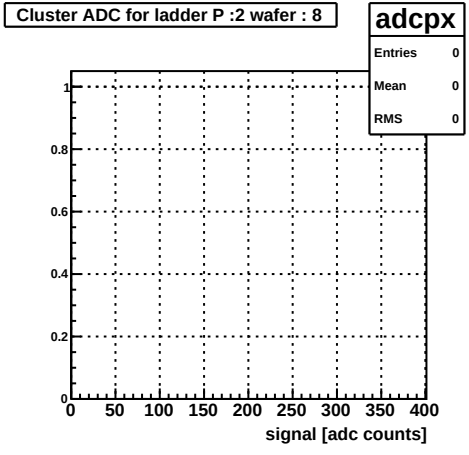

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

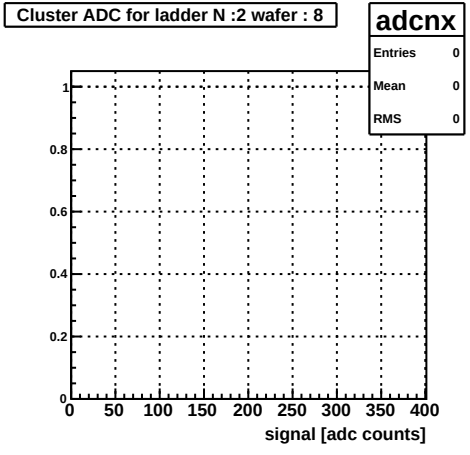

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

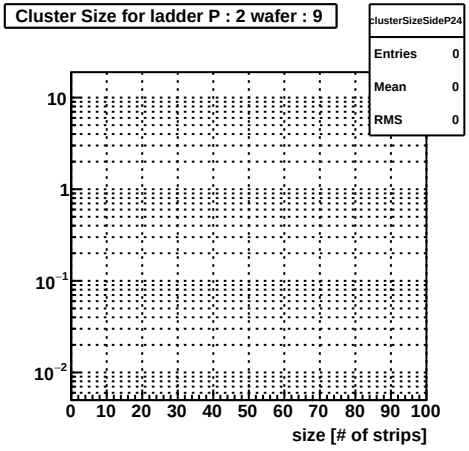

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

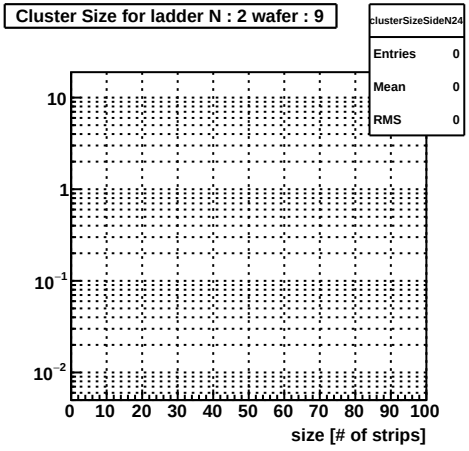

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

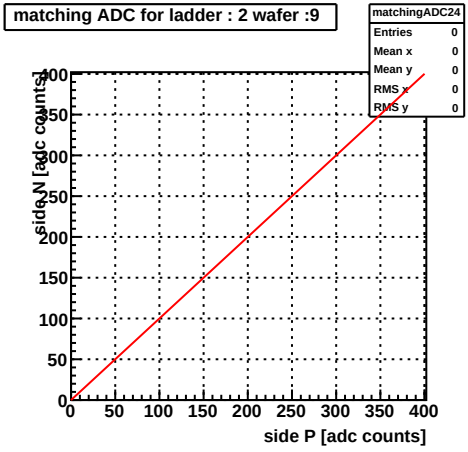

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

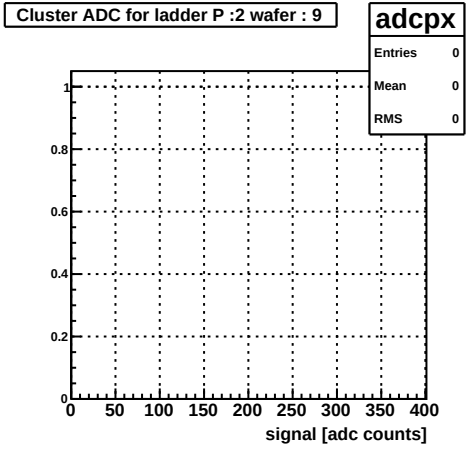

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

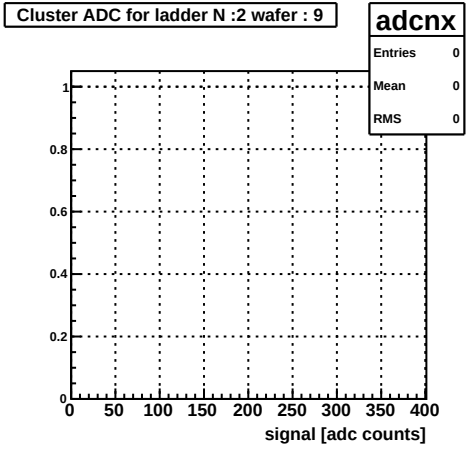

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

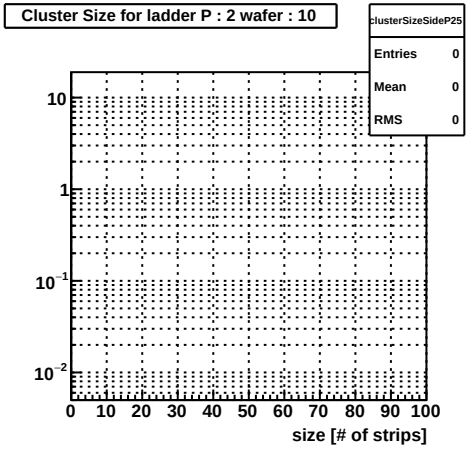

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

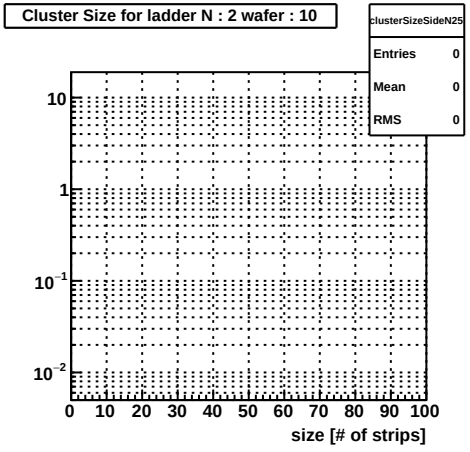

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

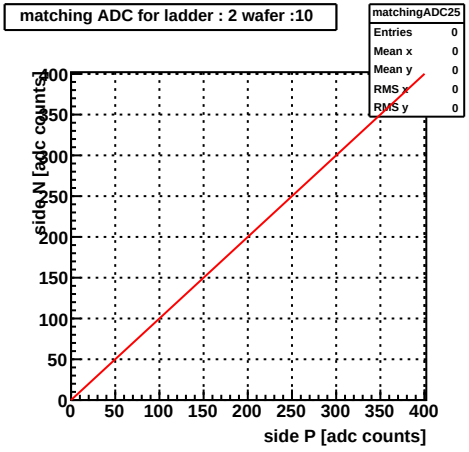

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

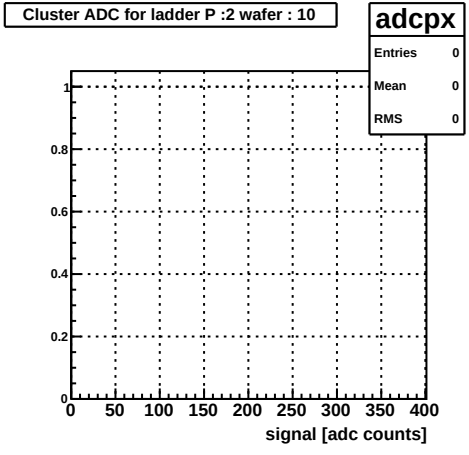

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

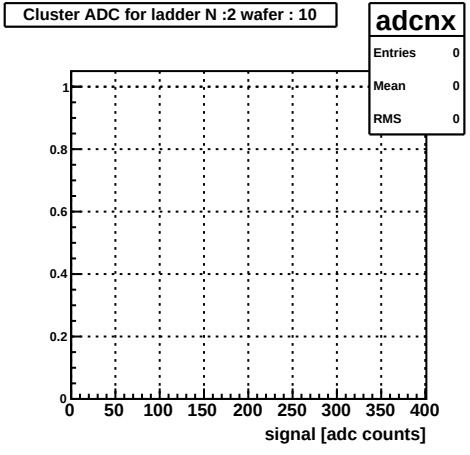

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

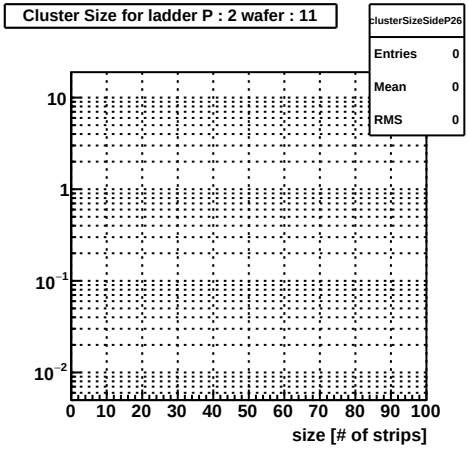

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

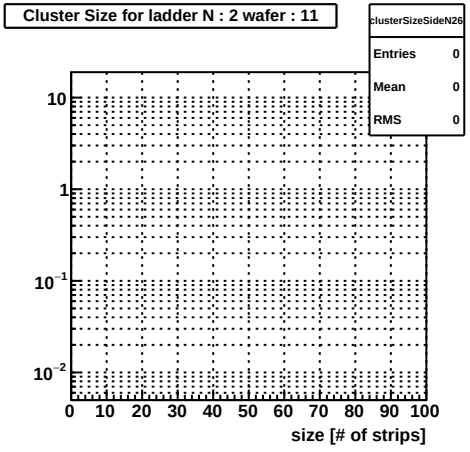

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

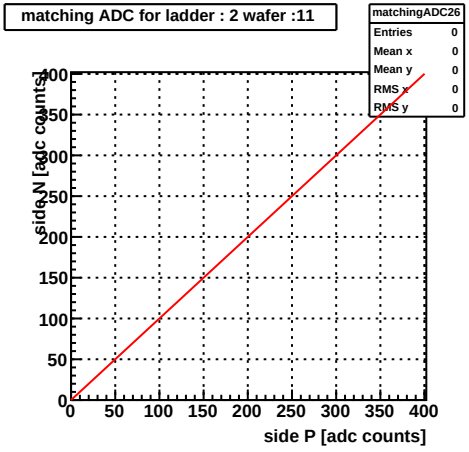

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

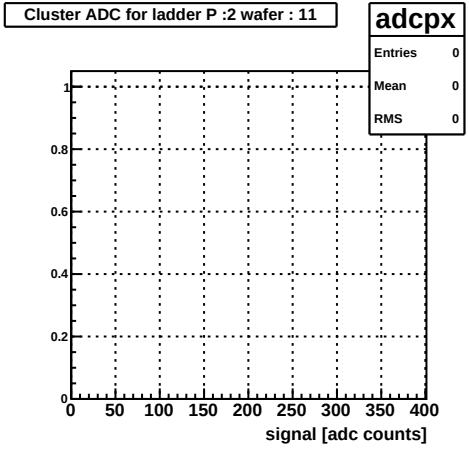

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

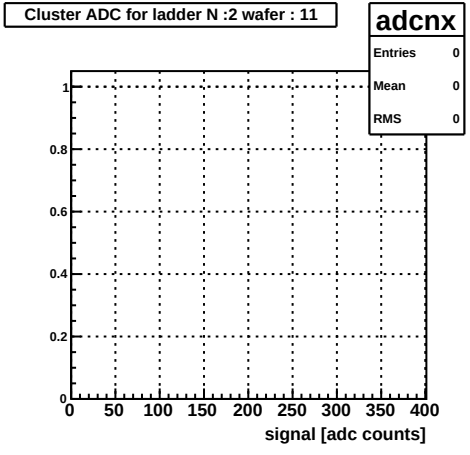

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

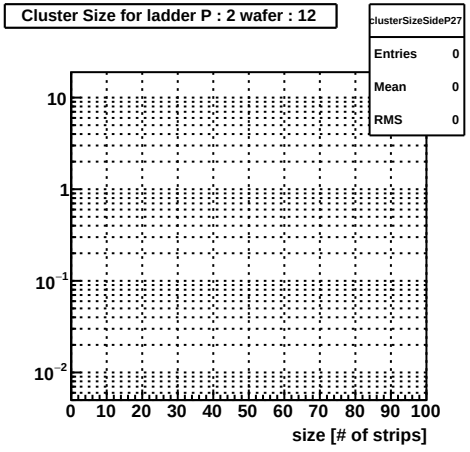

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

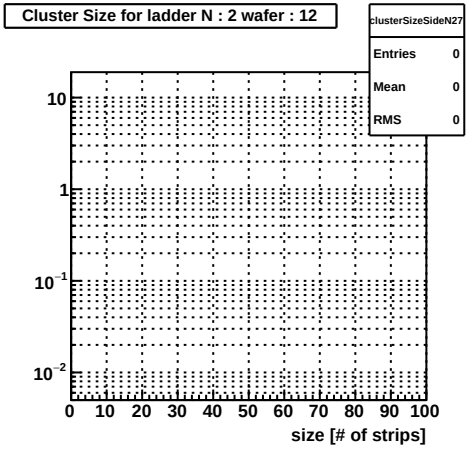

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

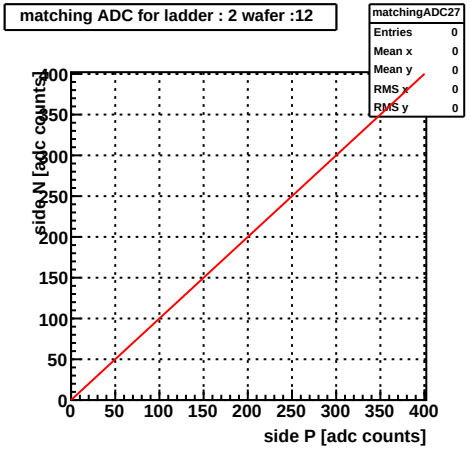

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

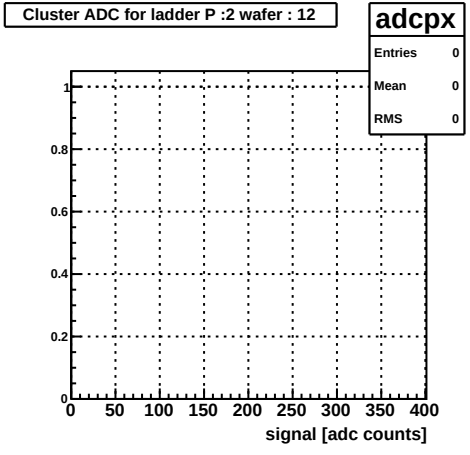

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

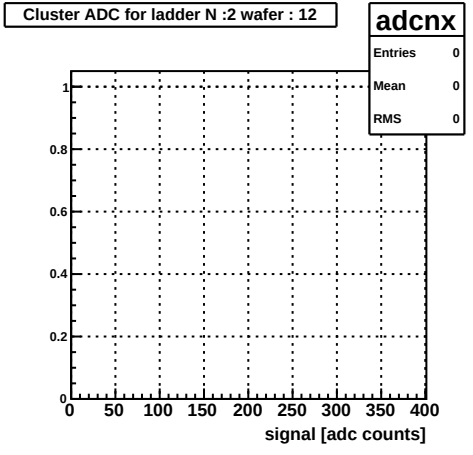

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

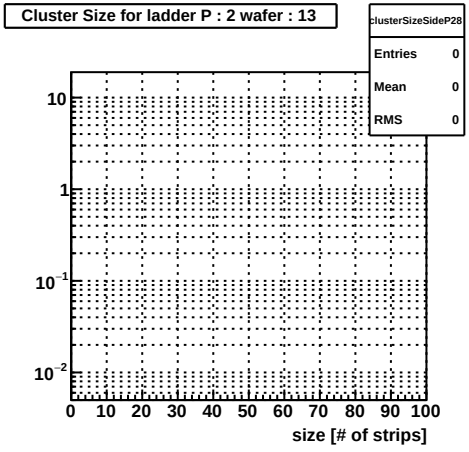

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

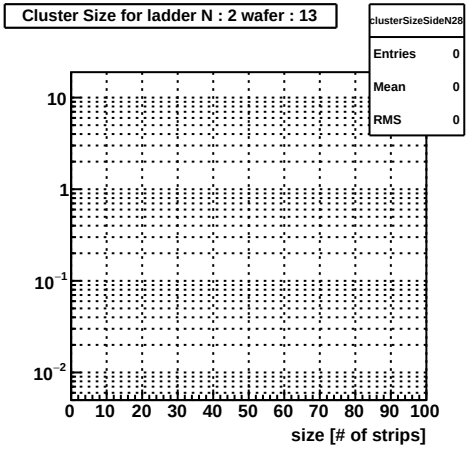

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

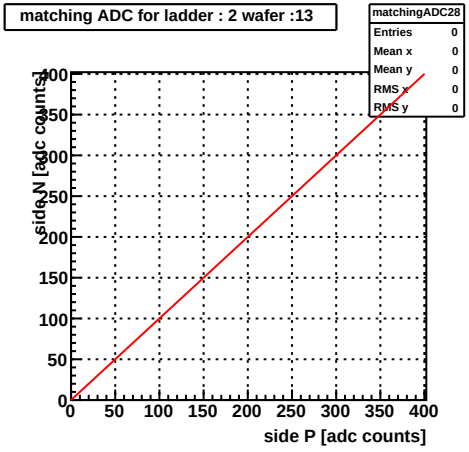

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

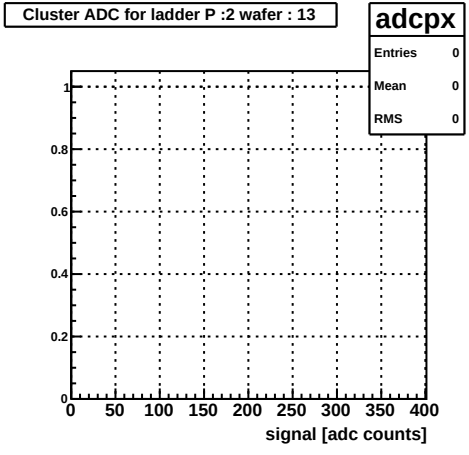

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

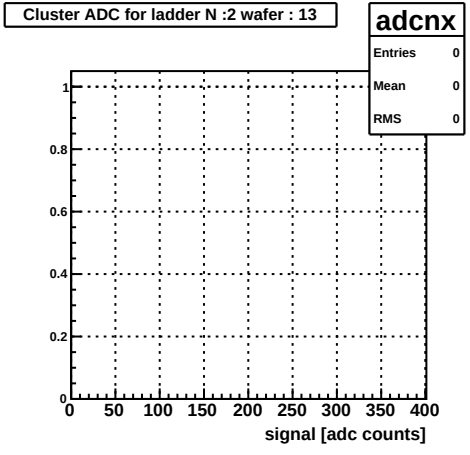

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

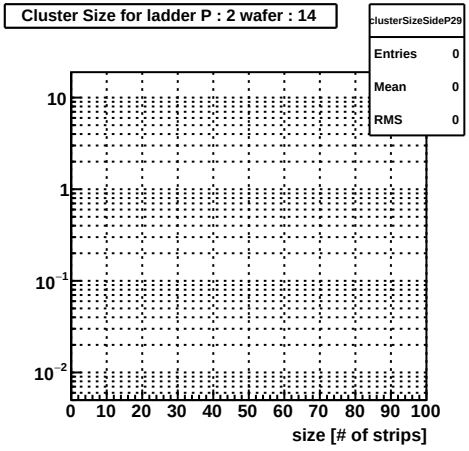

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

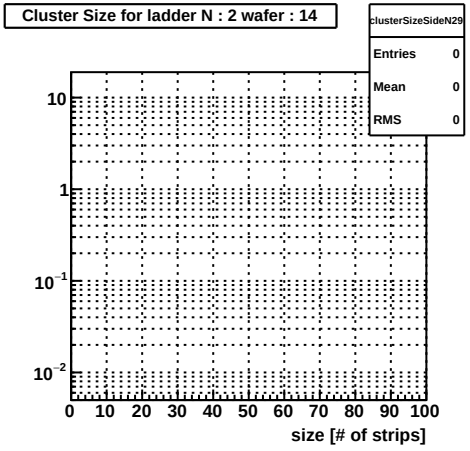

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

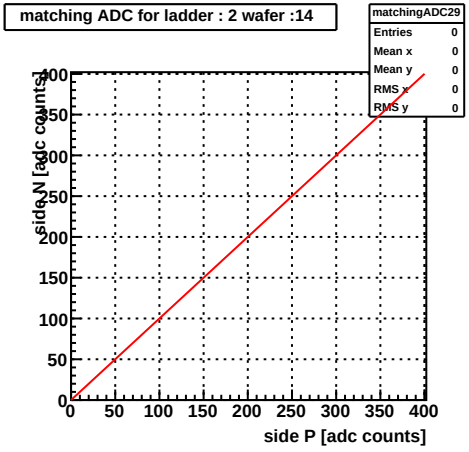

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

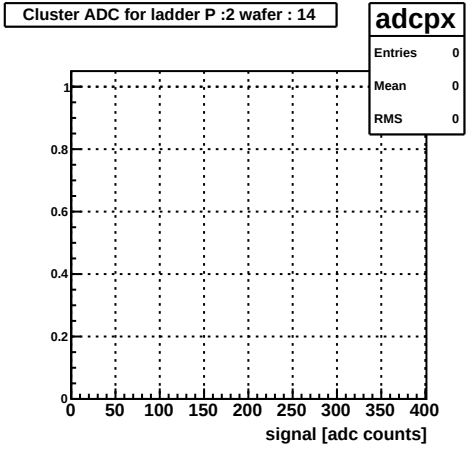

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

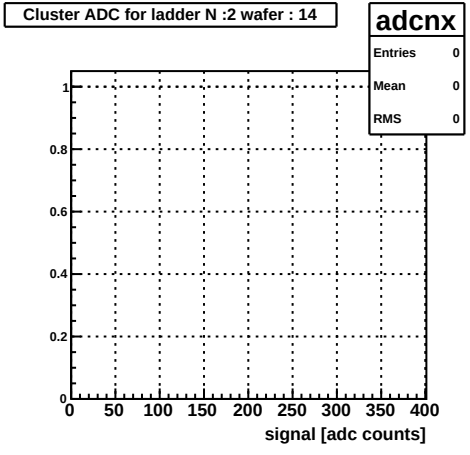

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

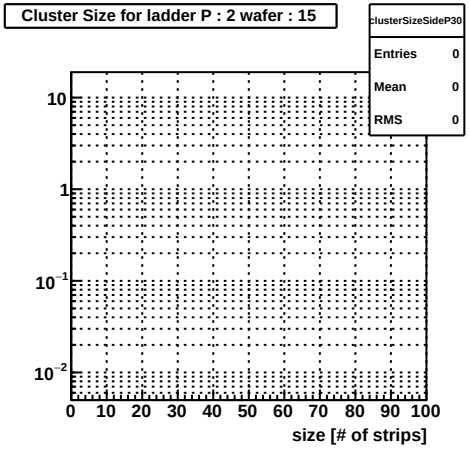

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

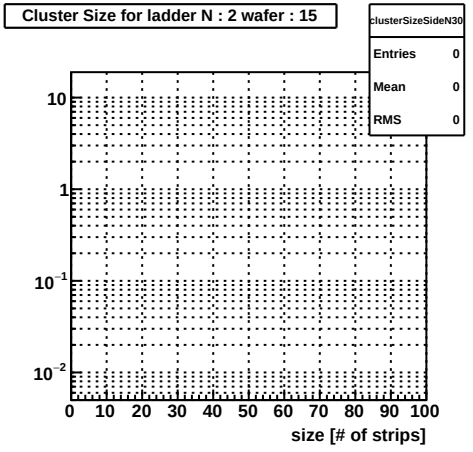

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

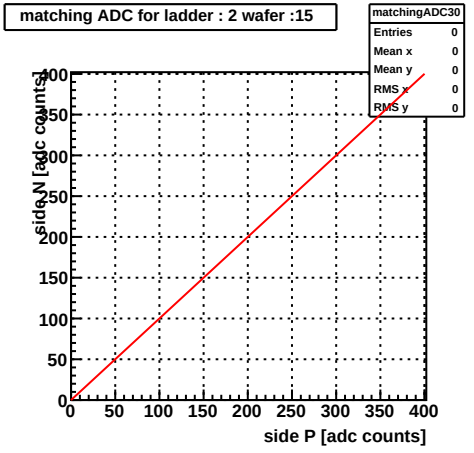

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

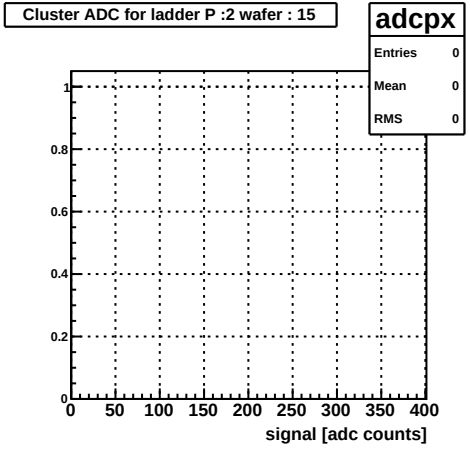

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

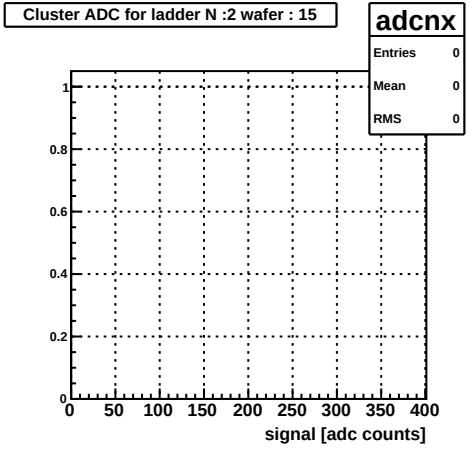

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

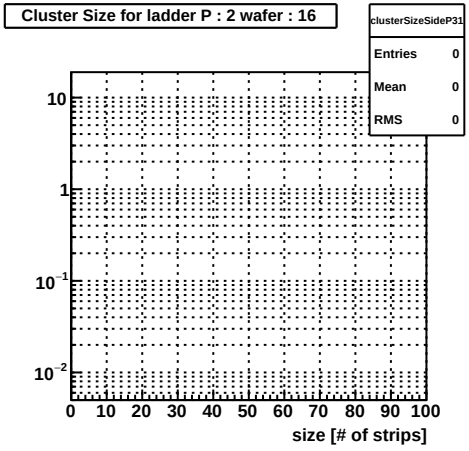

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

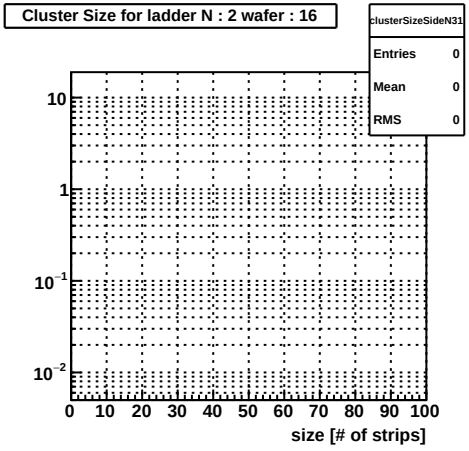

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

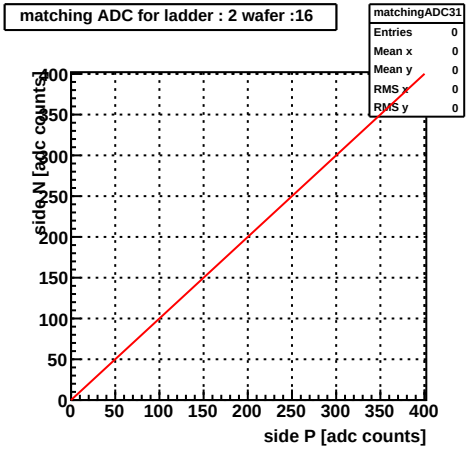

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

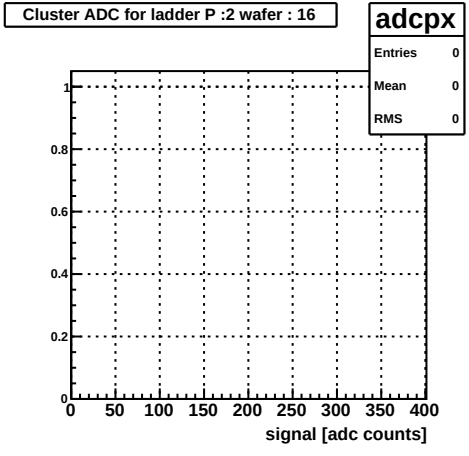

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

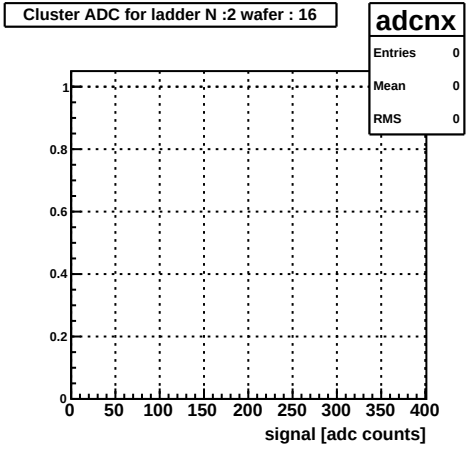

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

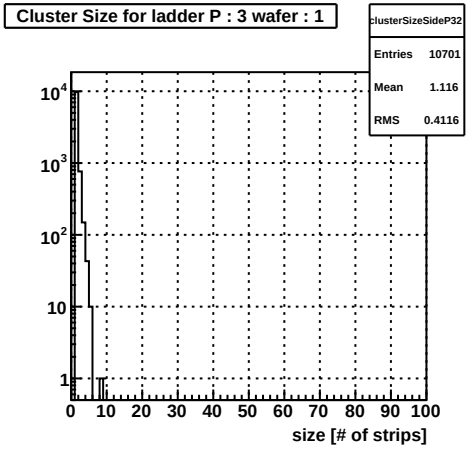

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

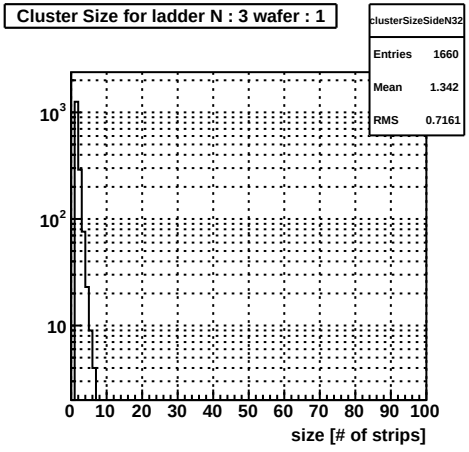

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

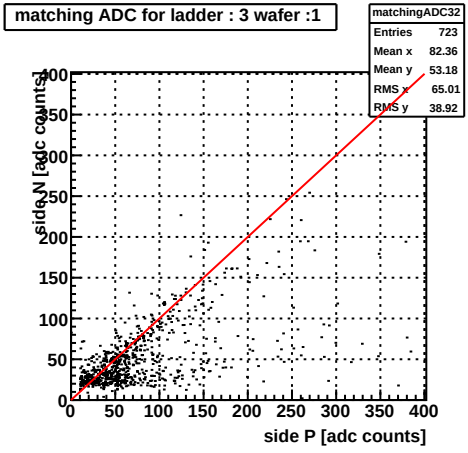

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

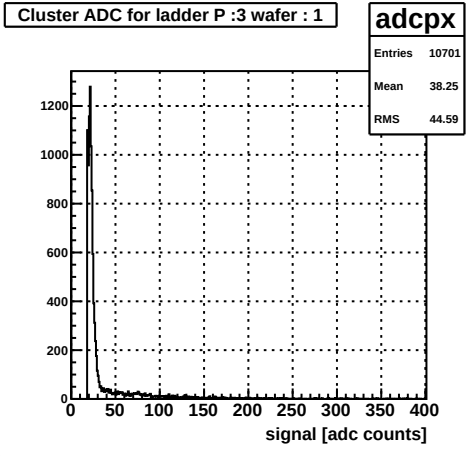

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

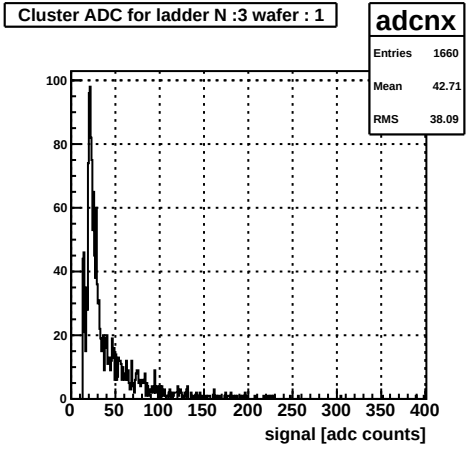

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

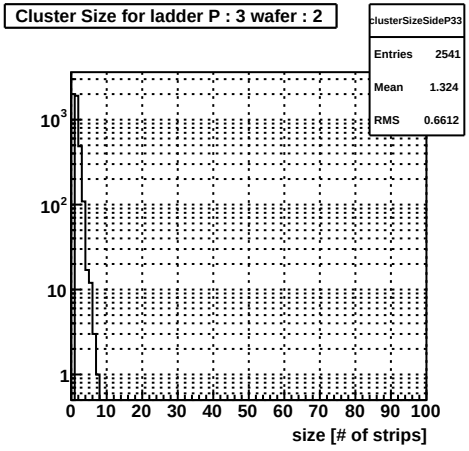

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10701
Mean 1.116
RMS 0.4116
size [# of strips]

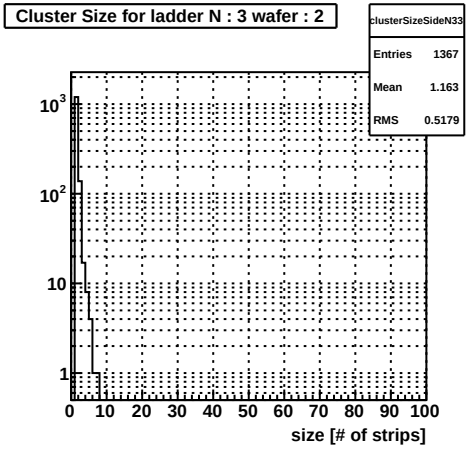

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1660
Mean 1.342
RMS 0.7161
size [# of strips]

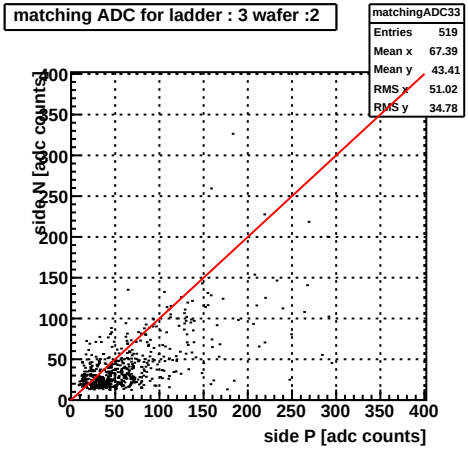

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 723
Mean x 82.36
Mean y 53.18
RMS x 65.01
RMS y 38.92
side N [adc counts]
side P [adc counts]

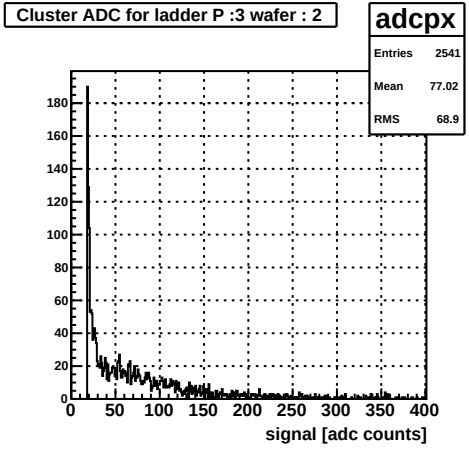

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10701
Mean 38.25
RMS 44.59
signal [adc counts]

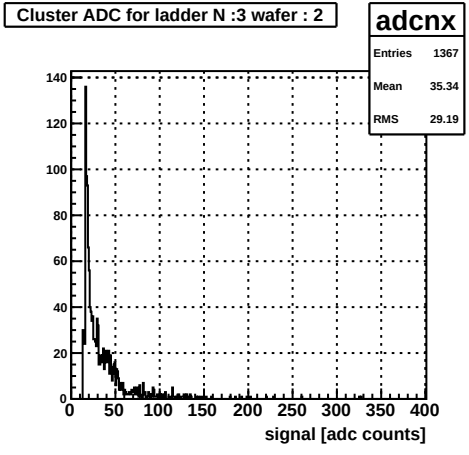

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1660
Mean 42.71
RMS 38.09
signal [adc counts]

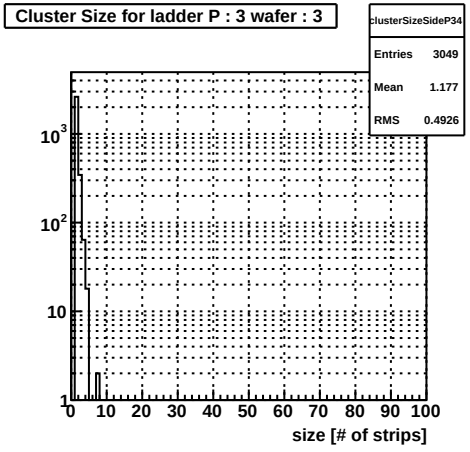

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2541
Mean 1.324
RMS 0.6612
size [# of strips]

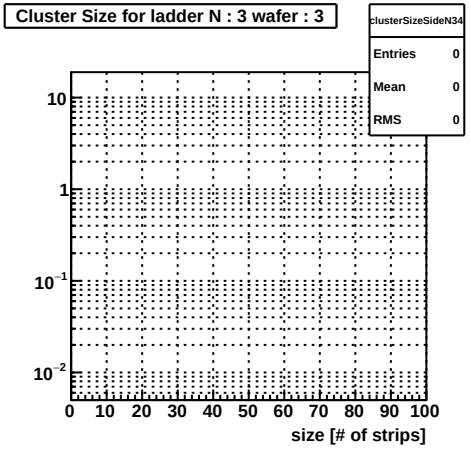

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1367
Mean 1.163
RMS 0.5179
size [# of strips]

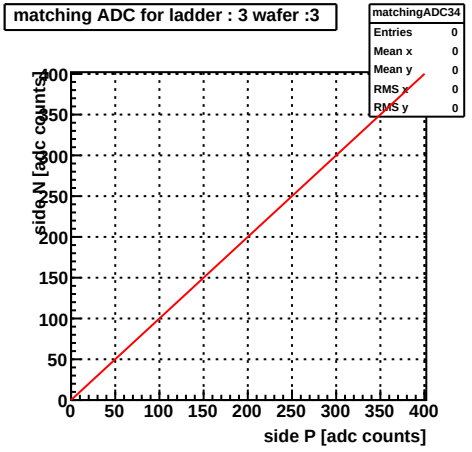

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 519
Mean x 67.39
Mean y 43.41
RMS x 51.02
RMS y 34.78
side N [adc counts]
side P [adc counts]

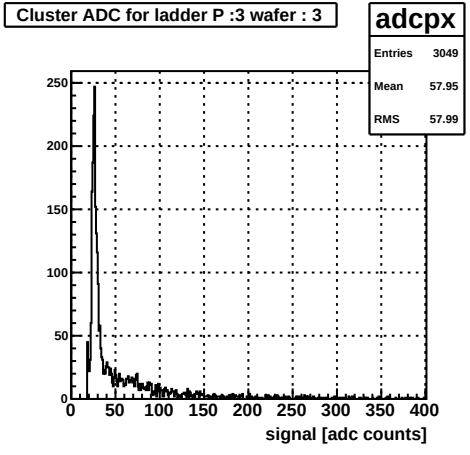

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2541
Mean 77.02
RMS 68.9
signal [adc counts]

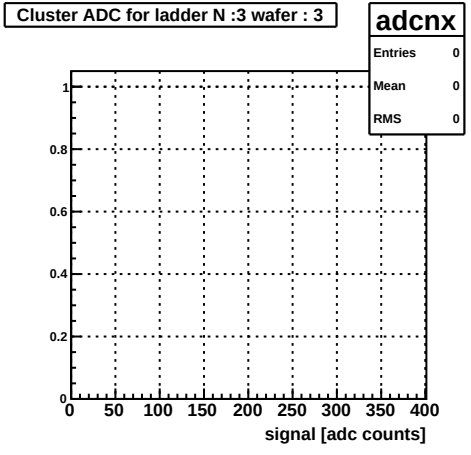

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1367
Mean 35.34
RMS 29.19
signal [adc counts]

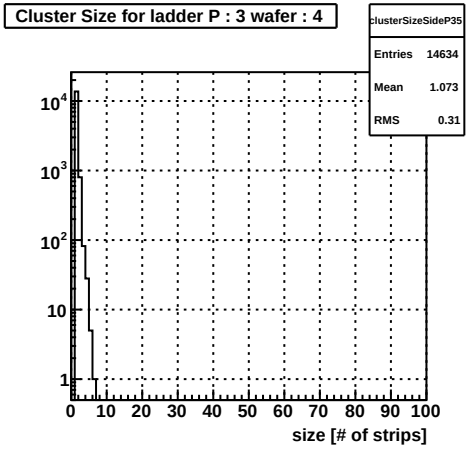

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3049
Mean 1.177
RMS 0.4926
size [# of strips]

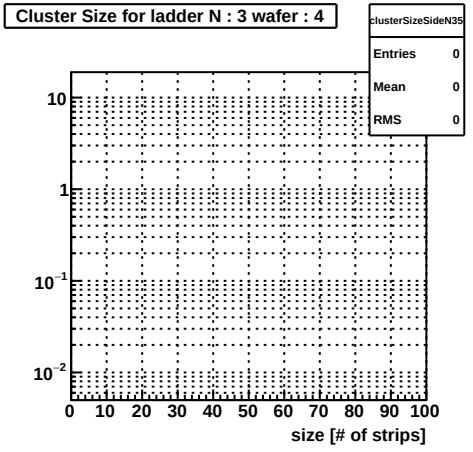

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

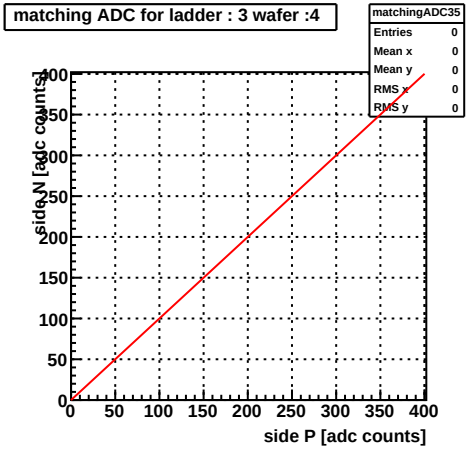

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

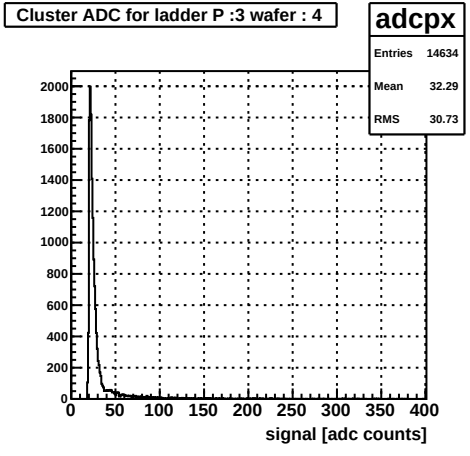

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3049
Mean 57.95
RMS 57.99
signal [adc counts]

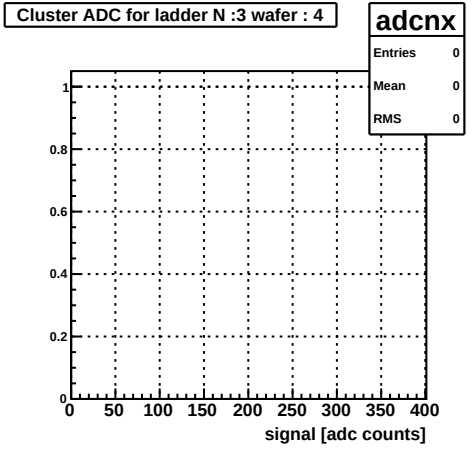

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

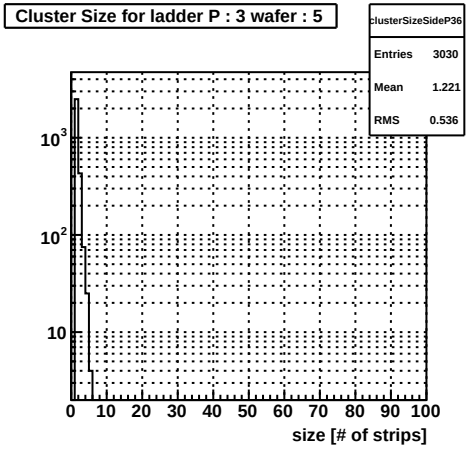

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14634
Mean 1.073
RMS 0.31
size [# of strips]

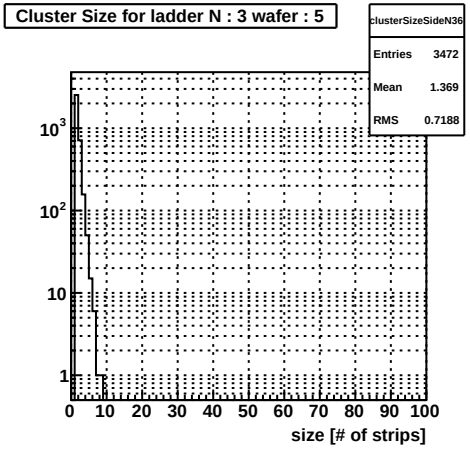

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

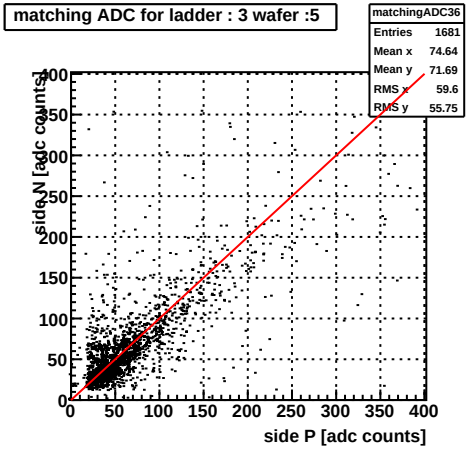

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

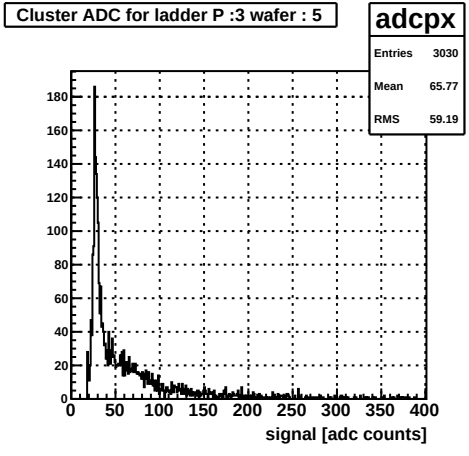

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14634
Mean 32.29
RMS 30.73
signal [adc counts]

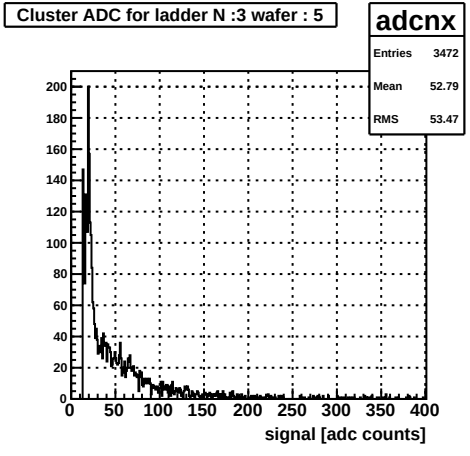

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

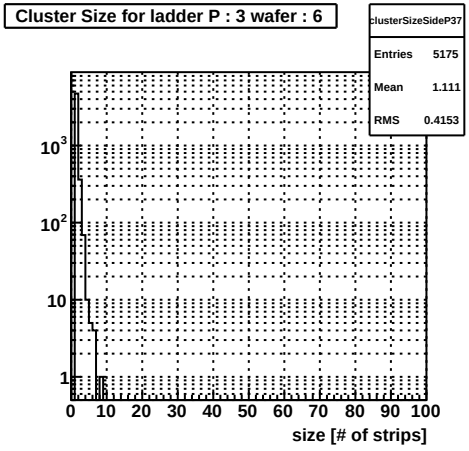

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3030
Mean 1.221
RMS 0.536
size [# of strips]

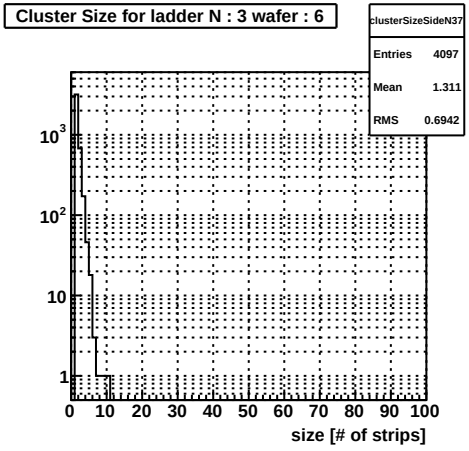

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3472
Mean 1.369
RMS 0.7188
size [# of strips]

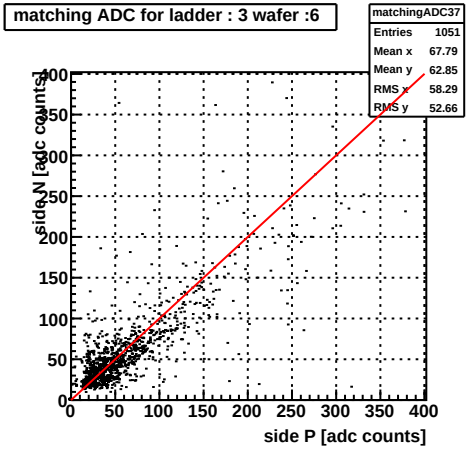

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1681
Mean x 74.64
Mean y 71.69
RMS x 59.6
RMS y 55.75
side N [adc counts]
side P [adc counts]

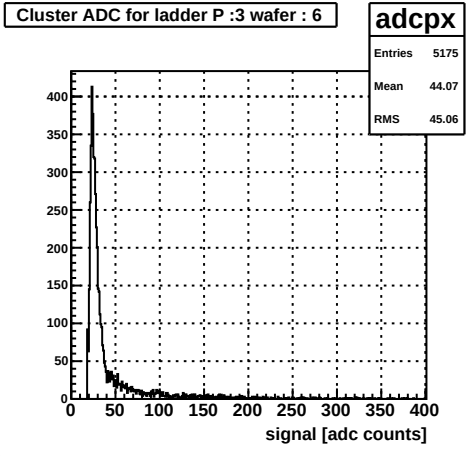

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3030
Mean 65.77
RMS 59.19
signal [adc counts]

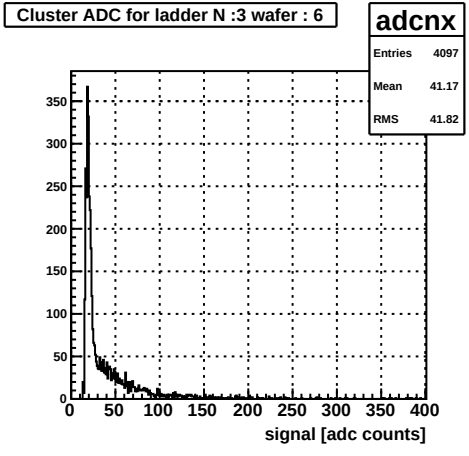

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3472
Mean 52.79
RMS 53.47
signal [adc counts]

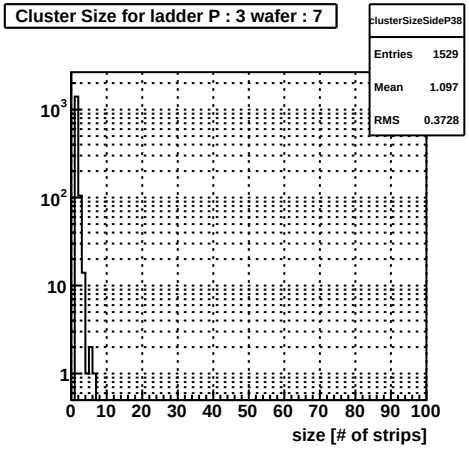

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5175
Mean 1.111
RMS 0.4153
size [# of strips]

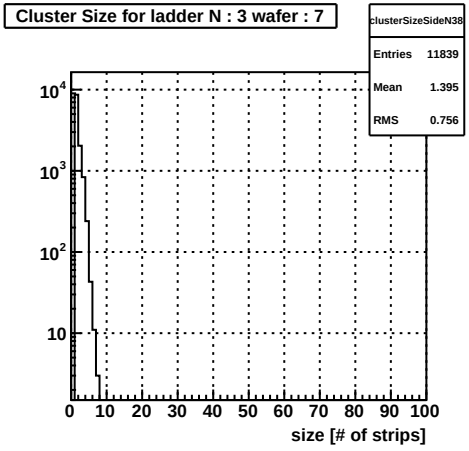

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4097
Mean 1.311
RMS 0.6942
size [# of strips]

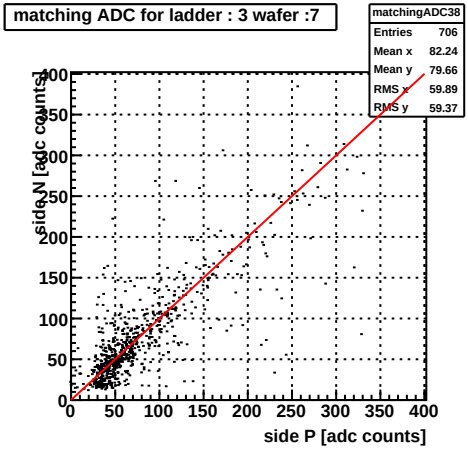

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1051
Mean x 67.79
Mean y 62.85
RMS x 58.29
RMS y 52.66
side N [adc counts]
side P [adc counts]

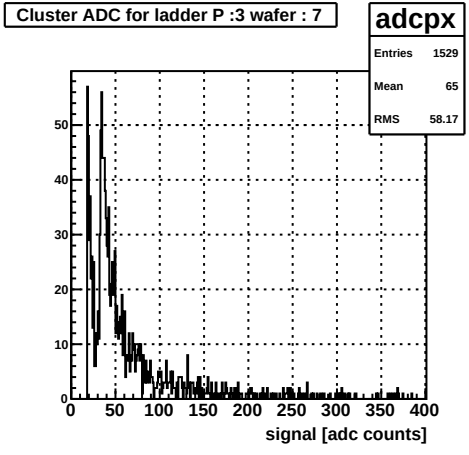

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5175
Mean 44.07
RMS 45.06
signal [adc counts]

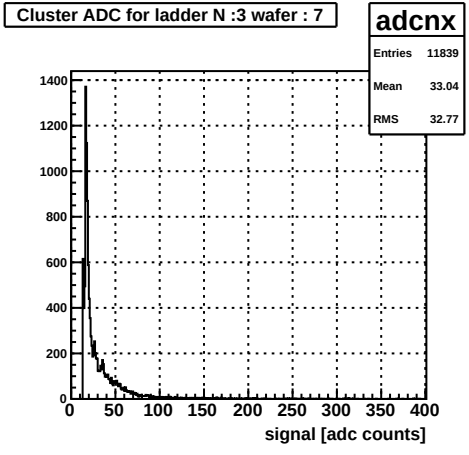

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4097
Mean 41.17
RMS 41.82
signal [adc counts]

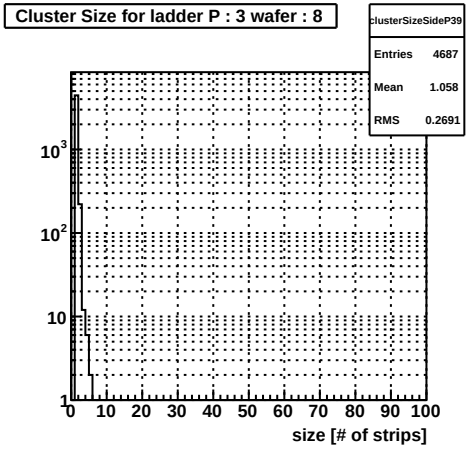

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1529
Mean 1.097
RMS 0.3728
size [# of strips]

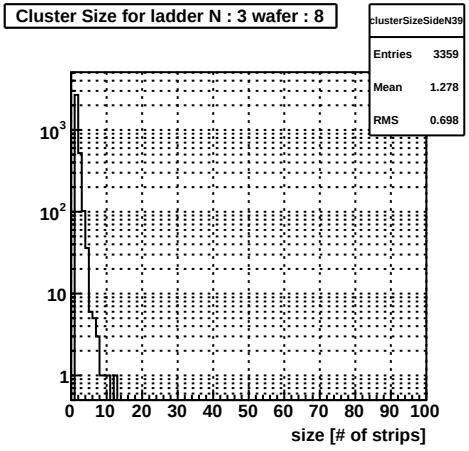

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11839
Mean 1.395
RMS 0.756
size [# of strips]

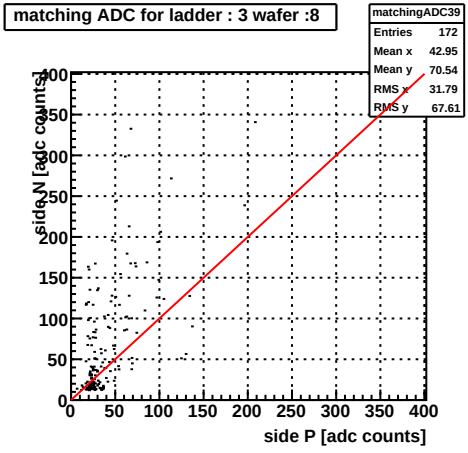

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 706
Mean x 82.24
Mean y 79.66
RMS x 59.89
RMS y 59.37
side N [adc counts]
side P [adc counts]

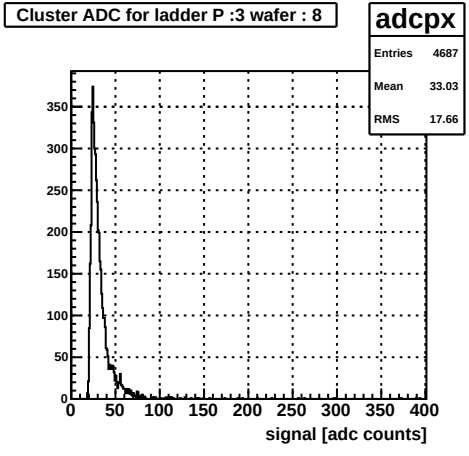

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1529
Mean 65
RMS 58.17
signal [adc counts]

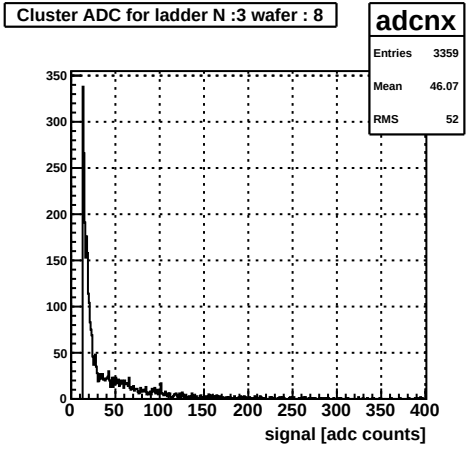

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11839
Mean 33.04
RMS 32.77
signal [adc counts]

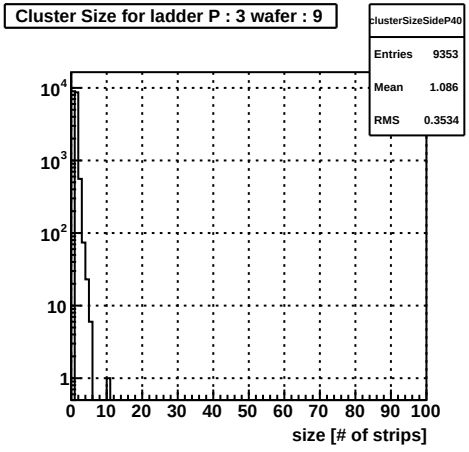

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4687
Mean 1.058
RMS 0.2691
size [# of strips]

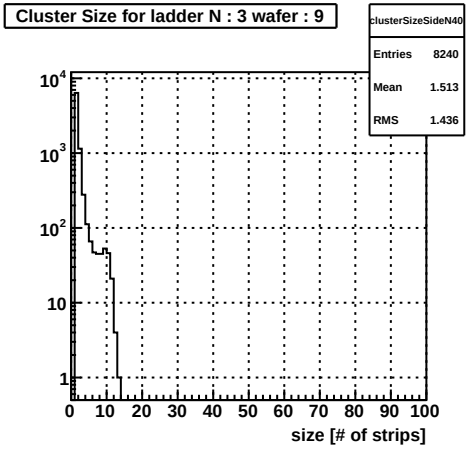

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3359
Mean 1.278
RMS 0.698
size [# of strips]

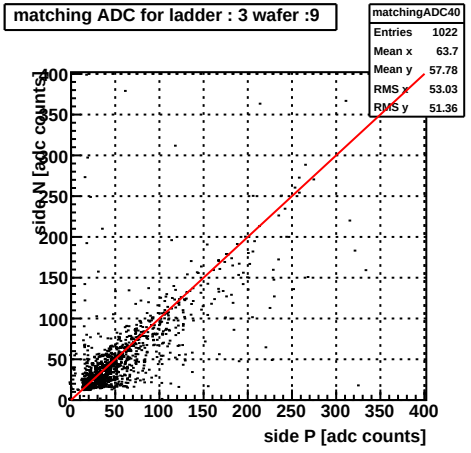

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 172
Mean x 42.95
Mean y 70.54
RMS x 31.79
RMS y 67.61
side N [adc counts]
side P [adc counts]

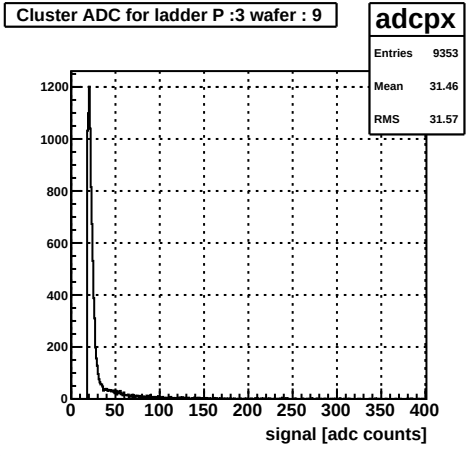

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4687
Mean 33.03
RMS 17.66
signal [adc counts]

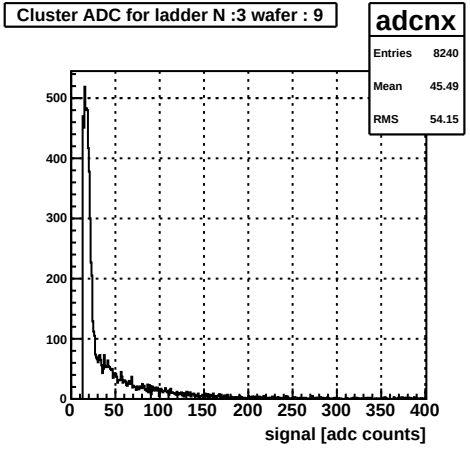

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3359
Mean 46.07
RMS 52
signal [adc counts]

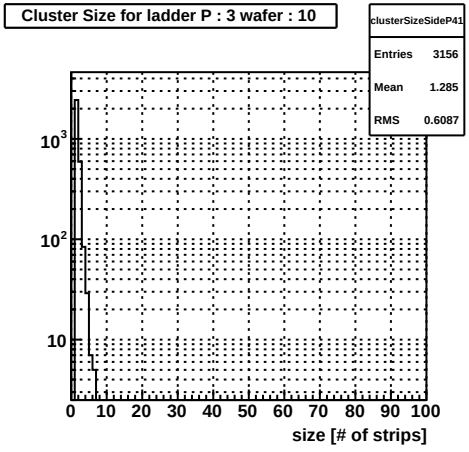

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9353
Mean 1.086
RMS 0.3534
size [# of strips]

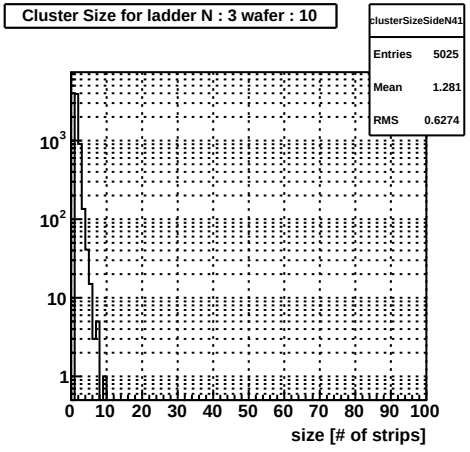

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8240
Mean 1.513
RMS 1.436
size [# of strips]

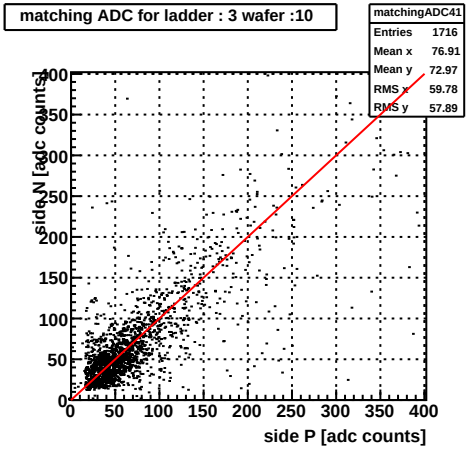

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1022
Mean x 63.7
Mean y 57.78
RMS x 53.03
RMS y 51.36
side N [adc counts]
side P [adc counts]

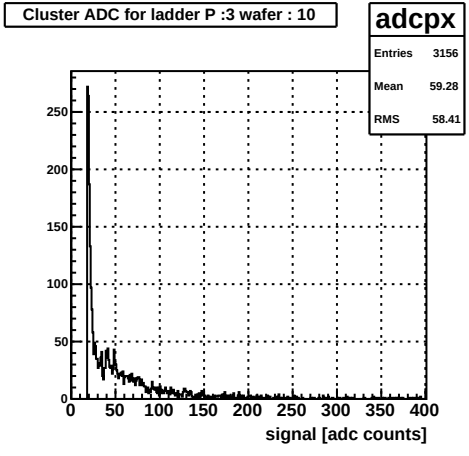

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9353
Mean 31.46
RMS 31.57
signal [adc counts]

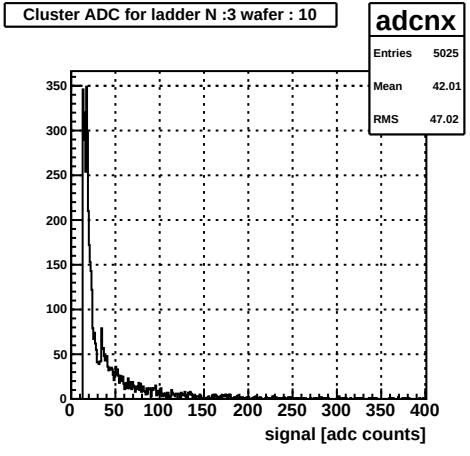

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8240
Mean 45.49
RMS 54.15
signal [adc counts]

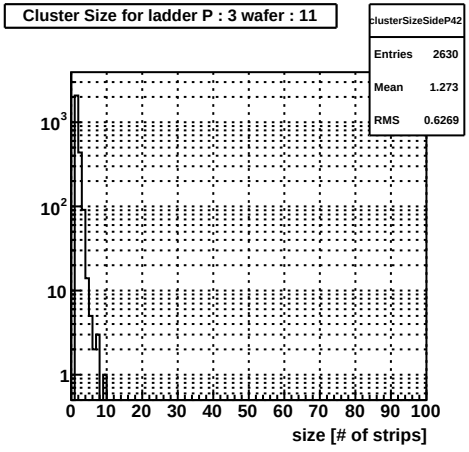

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3156
Mean 1.285
RMS 0.6087
size [# of strips]

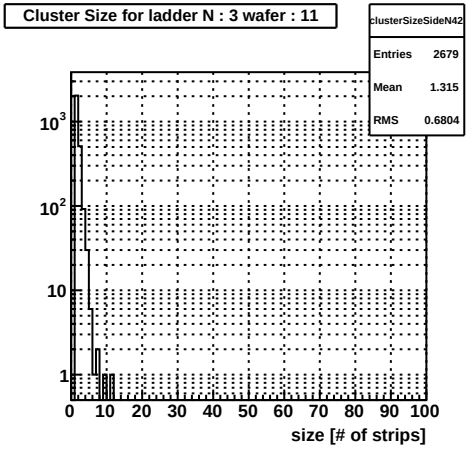

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5025
Mean 1.281
RMS 0.6274
size [# of strips]

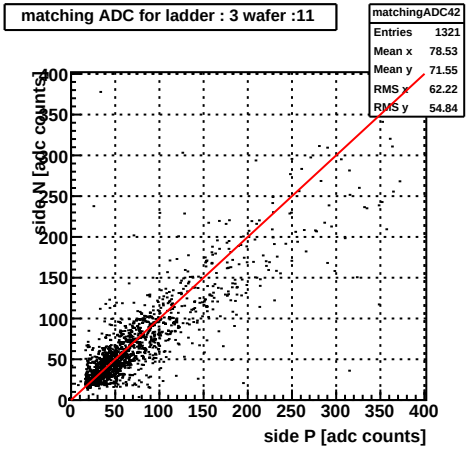

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1716
Mean x 76.91
Mean y 72.97
RMS x 59.78
RMS y 57.89
side N [adc counts]
side P [adc counts]

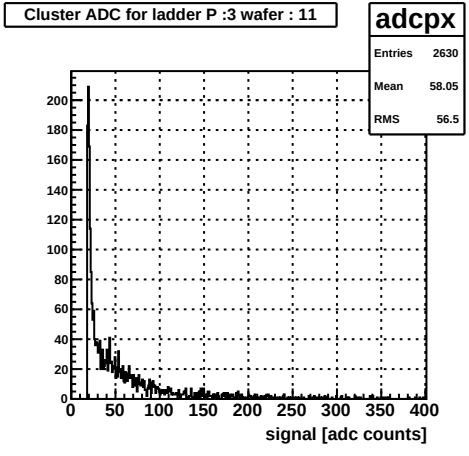

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3156
Mean 59.28
RMS 58.41
signal [adc counts]

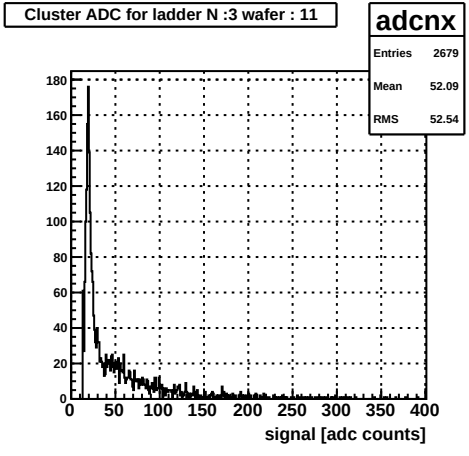

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5025
Mean 42.01
RMS 47.02
signal [adc counts]

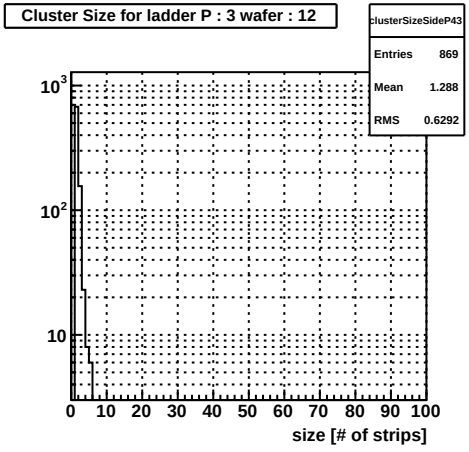

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2630
Mean 1.273
RMS 0.6269
size [# of strips]

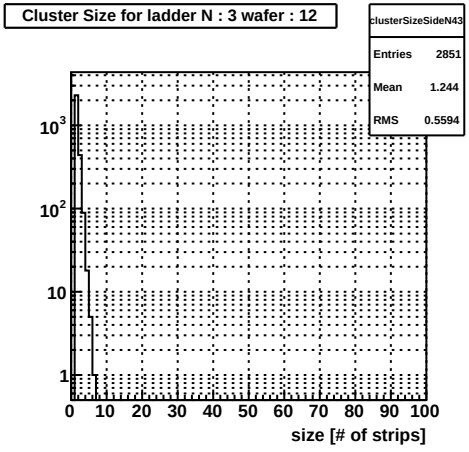

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2679
Mean 1.315
RMS 0.6804
size [# of strips]

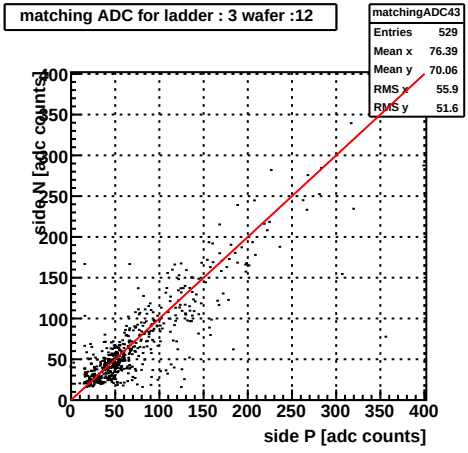

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1321
Mean x 78.53
Mean y 71.55
RMS x 62.22
RMS y 54.84
side N [adc counts]
side P [adc counts]

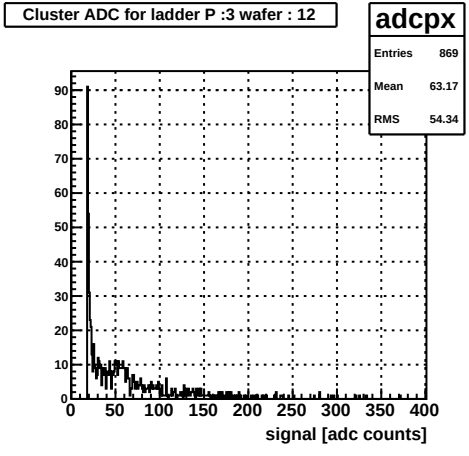

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2630
Mean 58.05
RMS 56.5
signal [adc counts]

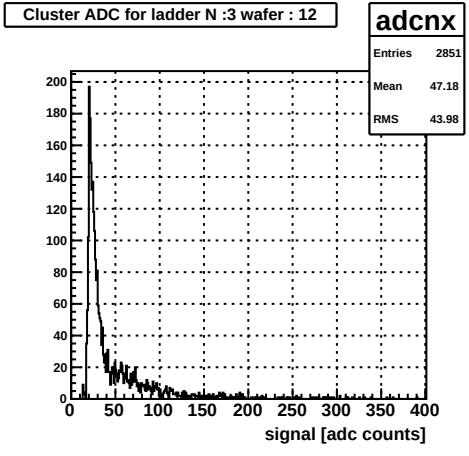

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2679
Mean 52.09
RMS 52.54
signal [adc counts]

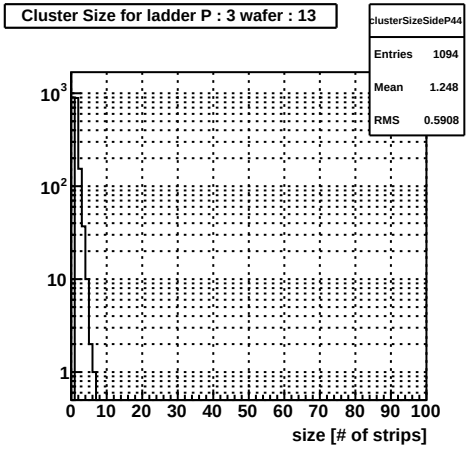

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 869
Mean 1.288
RMS 0.6292
size [# of strips]

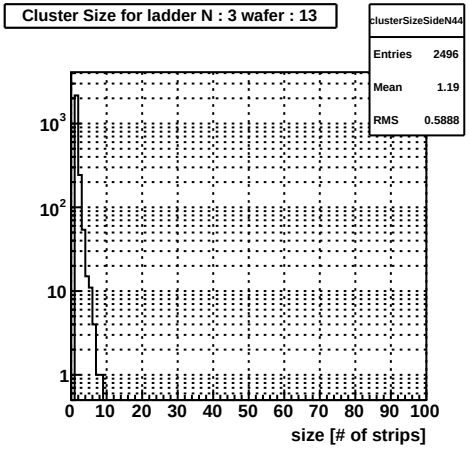

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2851
Mean 1.244
RMS 0.5594
size [# of strips]

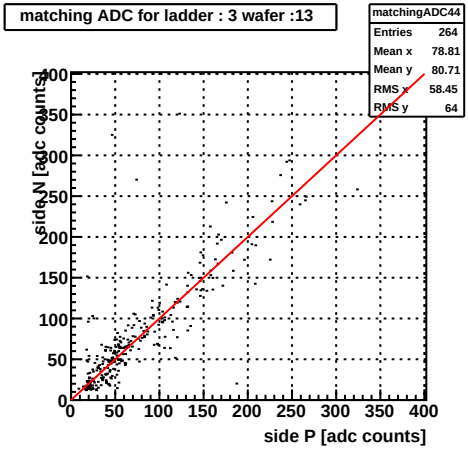

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 529
Mean x 76.39
Mean y 70.06
RMS x 55.9
RMS y 51.6
side N [adc counts]
side P [adc counts]

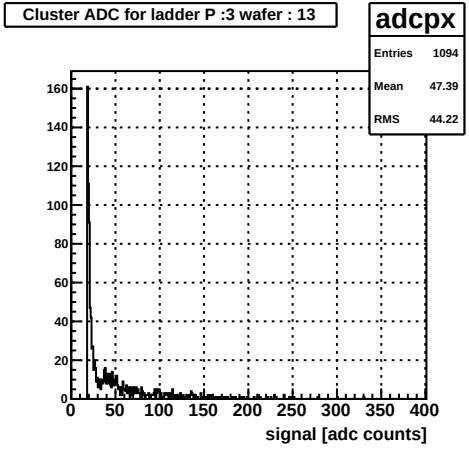

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 869
Mean 63.17
RMS 54.34
signal [adc counts]

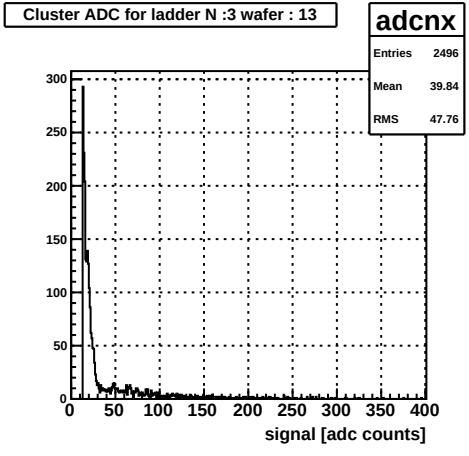

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2851
Mean 47.18
RMS 43.98
signal [adc counts]

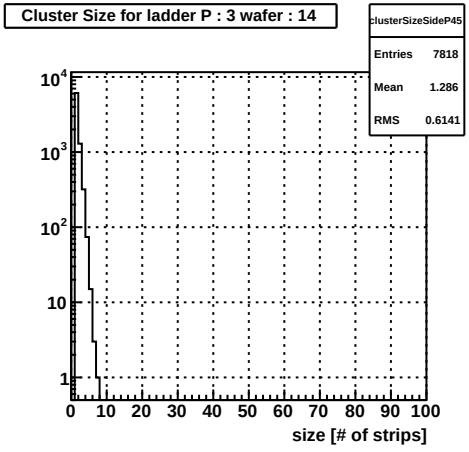

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1094
Mean 1.248
RMS 0.5908
size [# of strips]

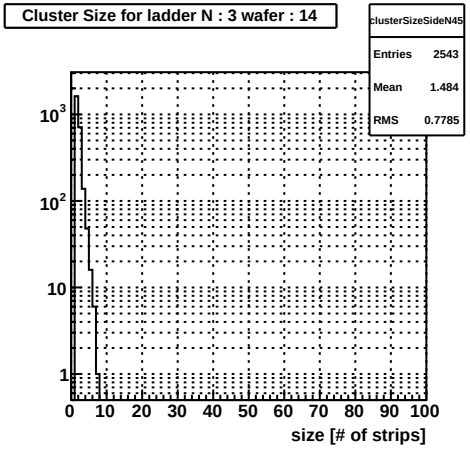

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2496
Mean 1.19
RMS 0.5888
size [# of strips]

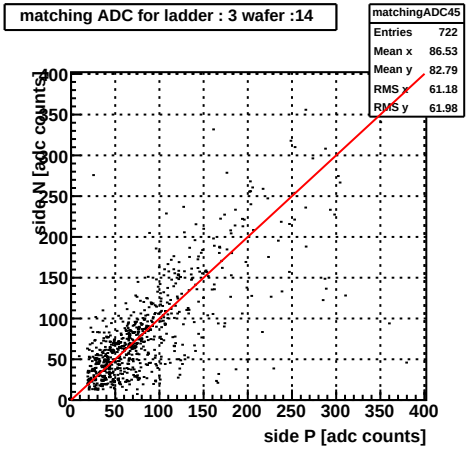

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 264
Mean x 78.81
Mean y 80.71
RMS x 58.45
RMS y 64
side N [adc counts]
side P [adc counts]

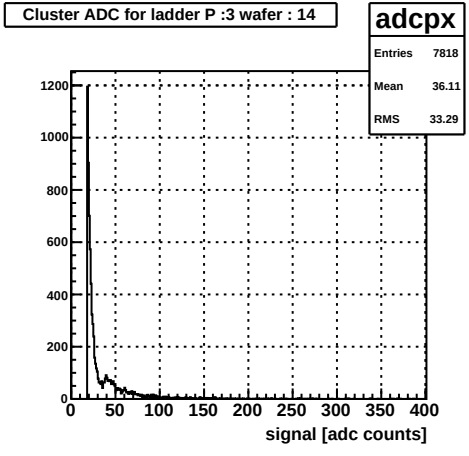

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1094
Mean 47.39
RMS 44.22
signal [adc counts]

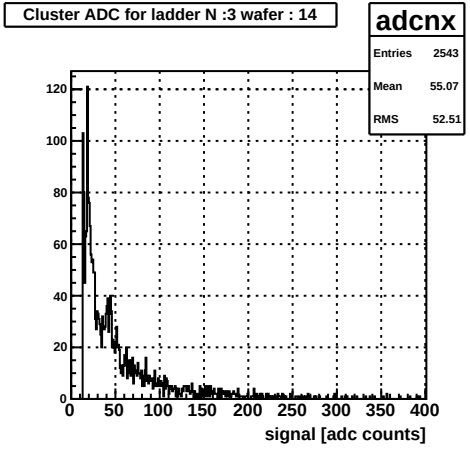

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2496
Mean 39.84
RMS 47.76
signal [adc counts]

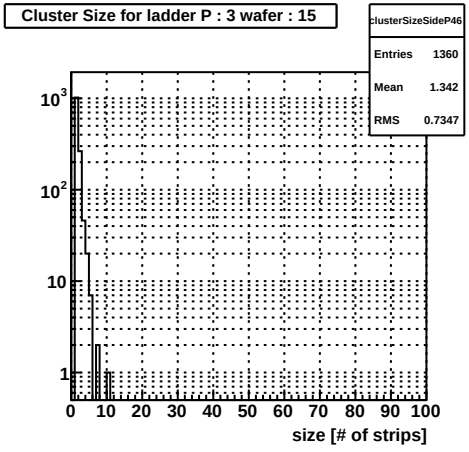

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7818
Mean 1.286
RMS 0.6141
size [# of strips]

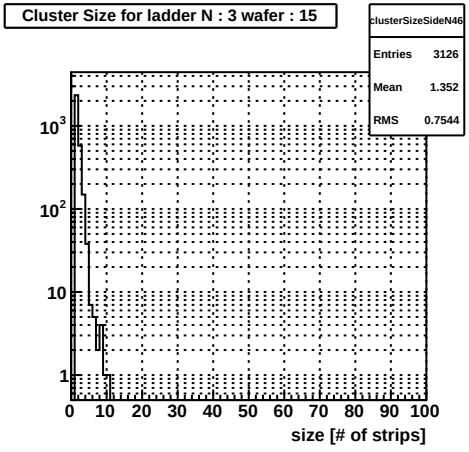

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2543
Mean 1.484
RMS 0.7785
size [# of strips]

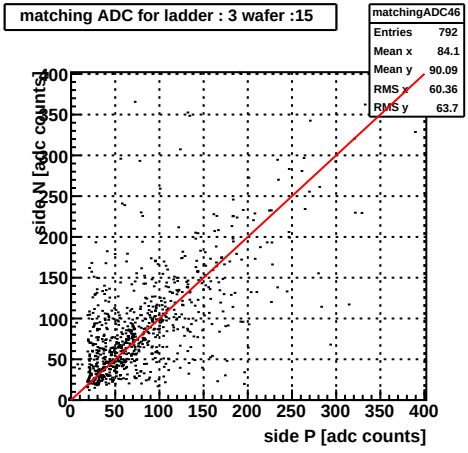

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 722
Mean x 86.53
Mean y 82.79
RMS x 61.18
RMS y 61.98
side N [adc counts]
side P [adc counts]

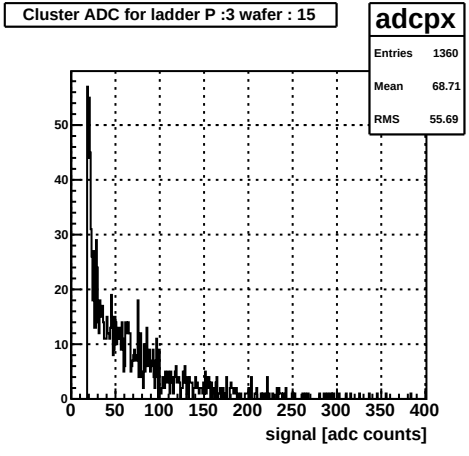

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7818
Mean 36.11
RMS 33.29
signal [adc counts]

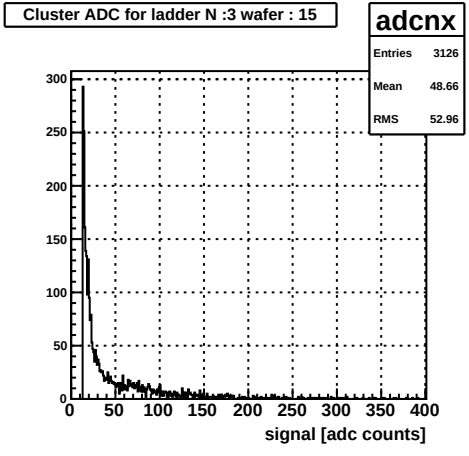

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2543
Mean 55.07
RMS 52.51
signal [adc counts]

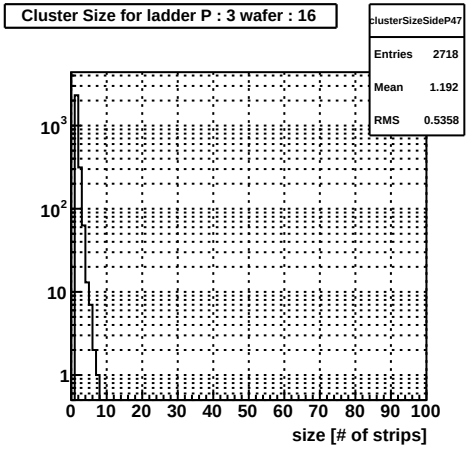

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1360
Mean 1.342
RMS 0.7347
size [# of strips]

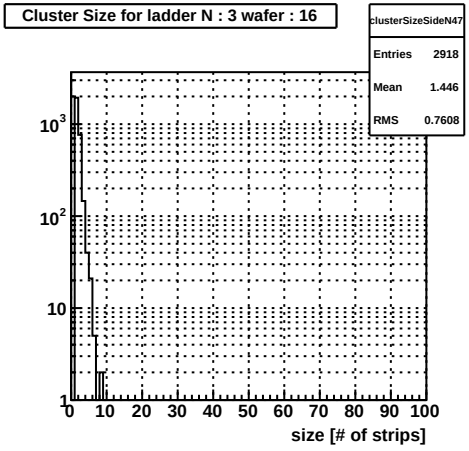

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3126
Mean 1.352
RMS 0.7544
size [# of strips]

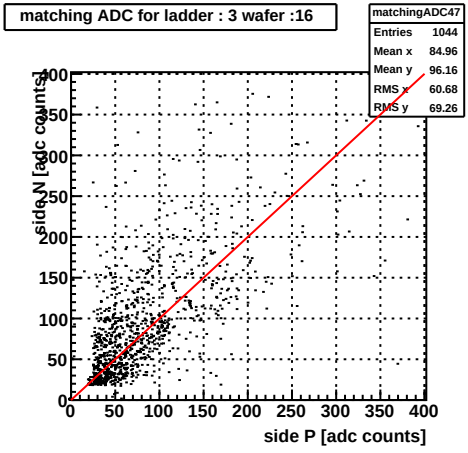

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 792
Mean x 84.1
Mean y 90.09
RMS x 60.36
RMS y 63.7
side N [adc counts]
side P [adc counts]

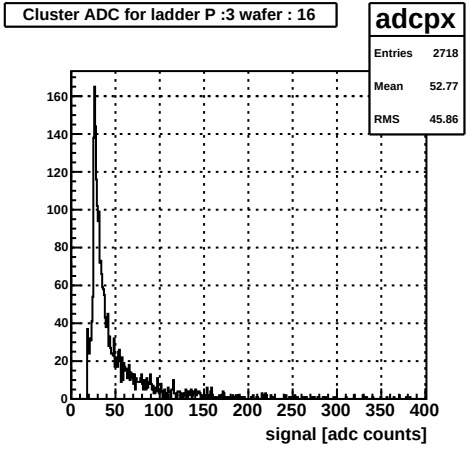

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1360
Mean 68.71
RMS 55.69
signal [adc counts]

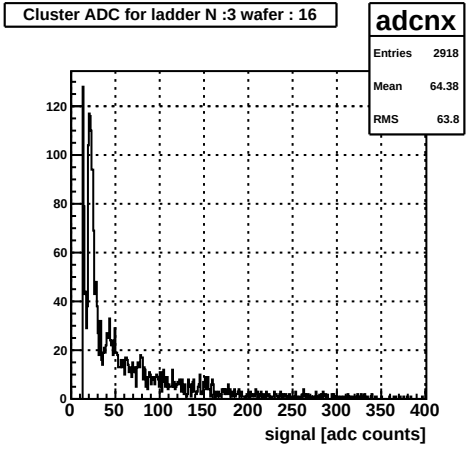

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3126
Mean 48.66
RMS 52.96
signal [adc counts]

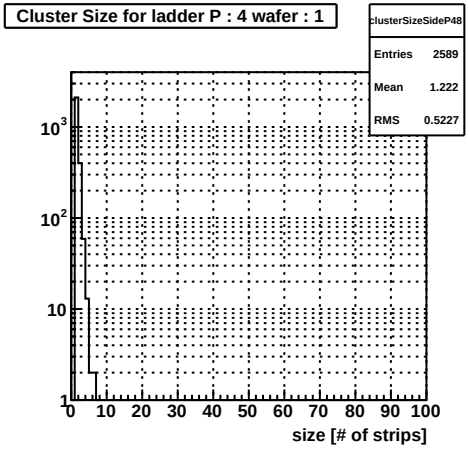

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2718
Mean 1.192
RMS 0.5358
size [# of strips]

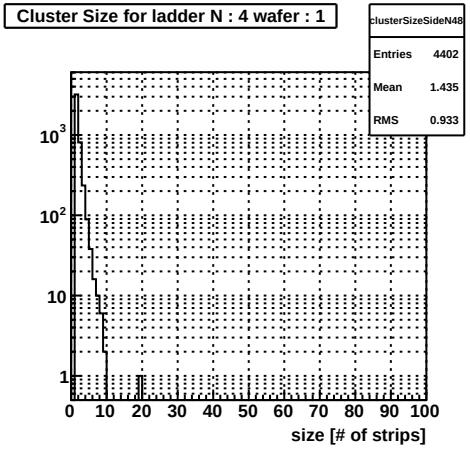

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2918
Mean 1.446
RMS 0.7608
size [# of strips]

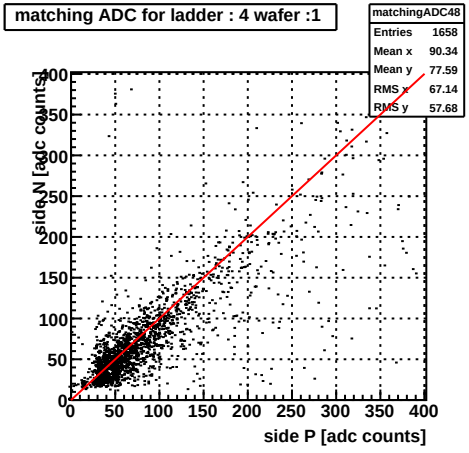

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1044
Mean x 84.96
Mean y 96.16
RMS x 60.68
RMS y 69.26
side N [adc counts]
side P [adc counts]

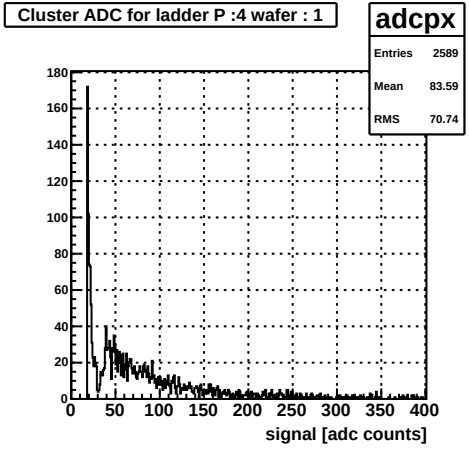

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2718
Mean 52.77
RMS 45.86
signal [adc counts]

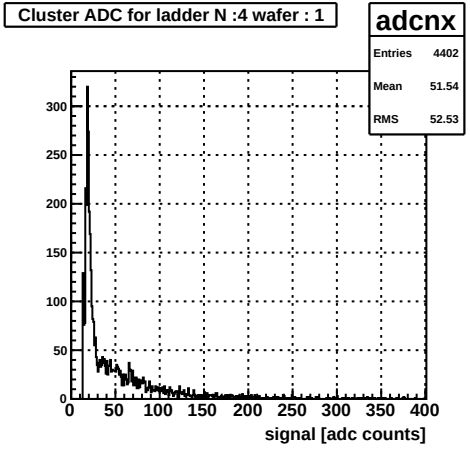

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2918
Mean 64.38
RMS 63.8
signal [adc counts]

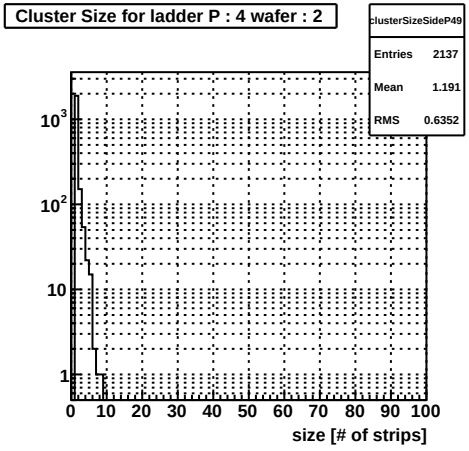

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2589
Mean 1.222
RMS 0.5227
size [# of strips]

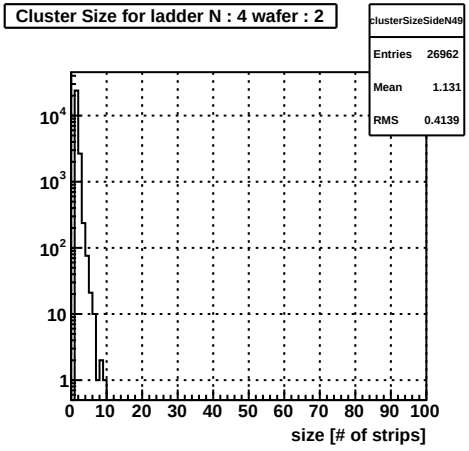

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4402
Mean 1.435
RMS 0.933
size [# of strips]

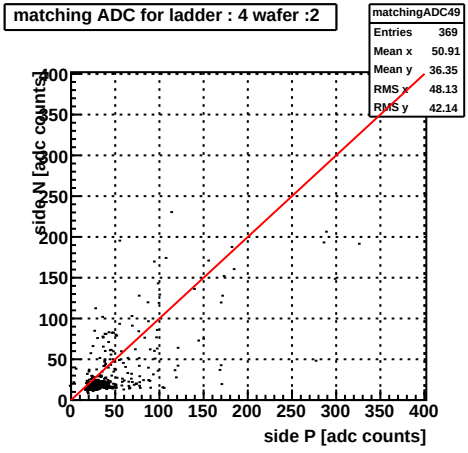

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1658
Mean x 90.34
Mean y 77.59
RMS x 67.14
RMS y 57.68
side N [adc counts]
side P [adc counts]

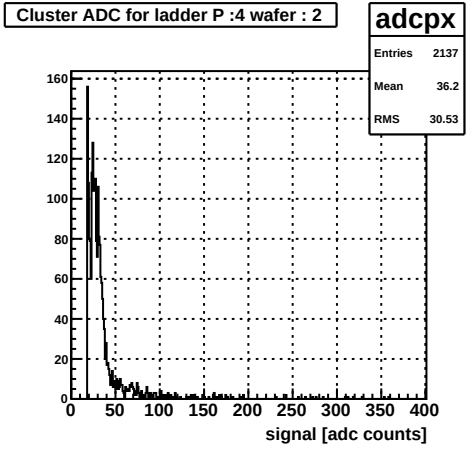

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2589
Mean 83.59
RMS 70.74
signal [adc counts]

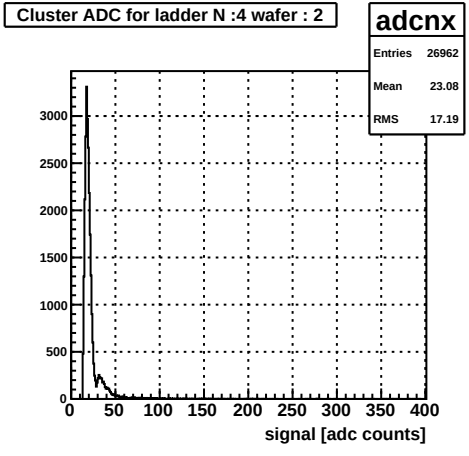

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4402
Mean 51.54
RMS 52.53
signal [adc counts]

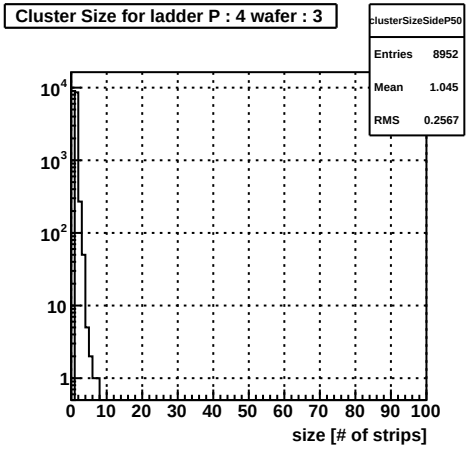

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2137
Mean 1.191
RMS 0.6352
size [# of strips]

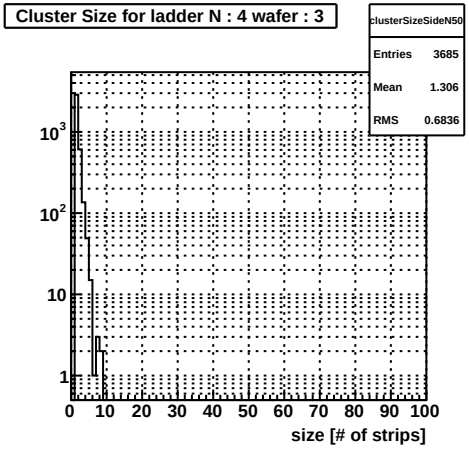

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26962
Mean 1.131
RMS 0.4139
size [# of strips]

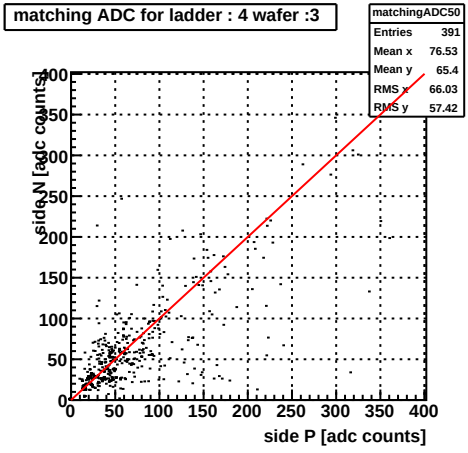

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 369
Mean x 50.91
Mean y 36.35
RMS x 48.13
RMS y 42.14
side N [adc counts]
side P [adc counts]

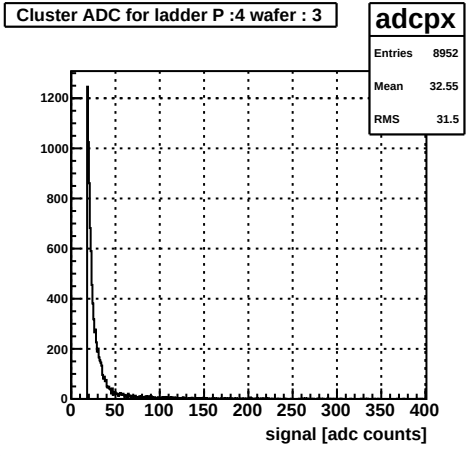

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2137
Mean 36.2
RMS 30.53
signal [adc counts]

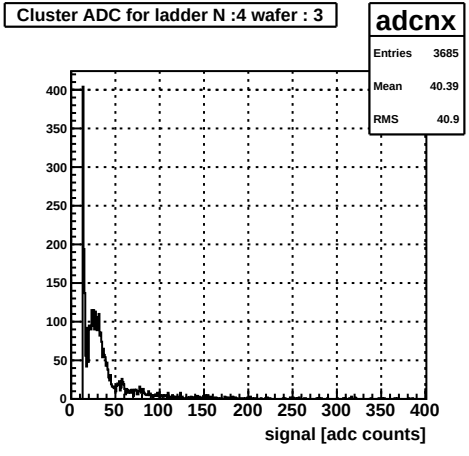

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26962
Mean 23.08
RMS 17.19
signal [adc counts]

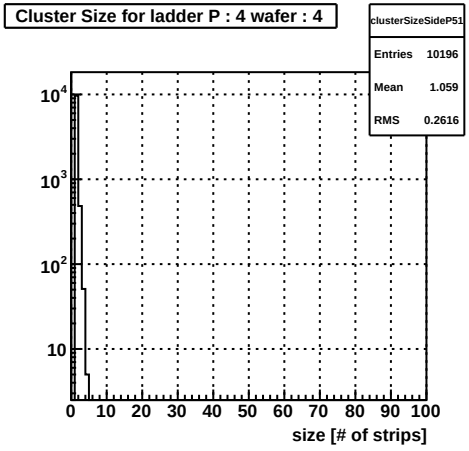

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8952
Mean 1.045
RMS 0.2567
size [# of strips]

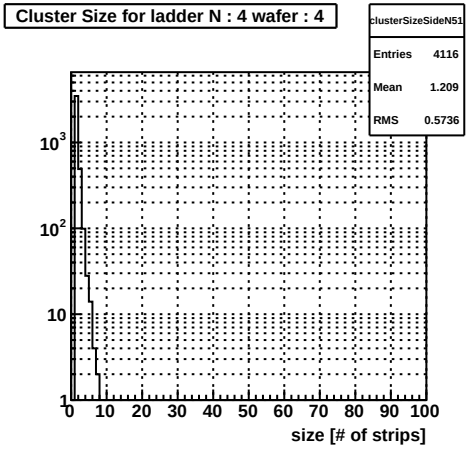

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3685
Mean 1.306
RMS 0.6836
size [# of strips]

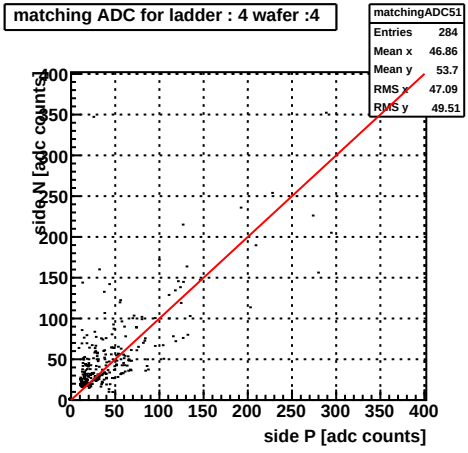

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 391
Mean x 76.53
Mean y 65.4
RMS x 66.03
RMS y 57.42
side N [adc counts]
side P [adc counts]

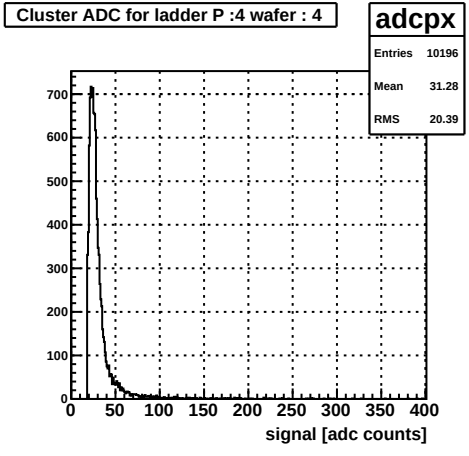

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8952
Mean 32.55
RMS 31.5
signal [adc counts]

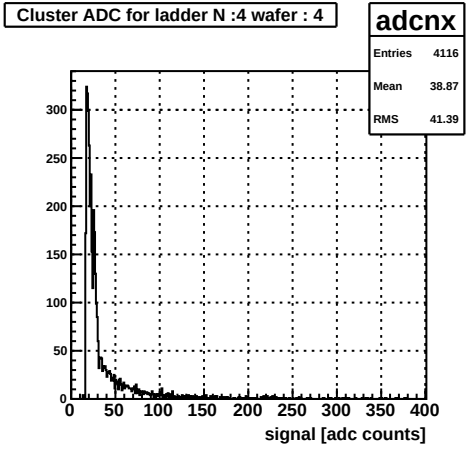

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3685
Mean 40.39
RMS 40.9
signal [adc counts]

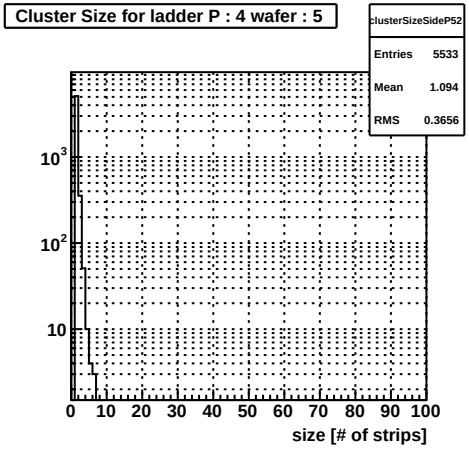

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10196
Mean 1.059
RMS 0.2616
size [# of strips]

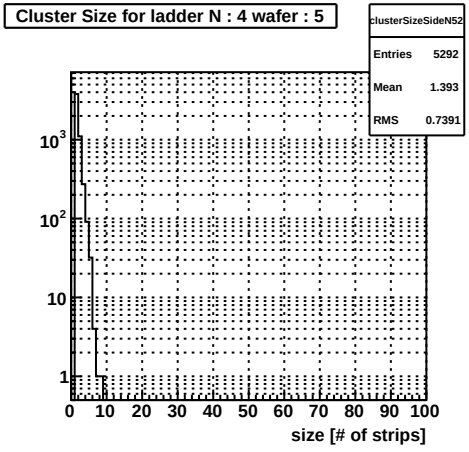

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4116
Mean 1.209
RMS 0.5736
size [# of strips]

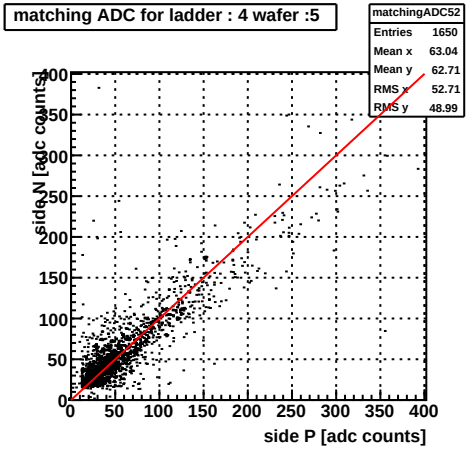

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 284
Mean x 46.86
Mean y 53.7
RMS x 47.09
RMS y 49.51
side N [adc counts]
side P [adc counts]

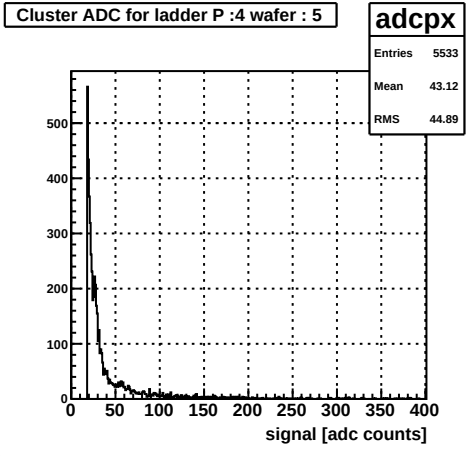

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10196
Mean 31.28
RMS 20.39
signal [adc counts]

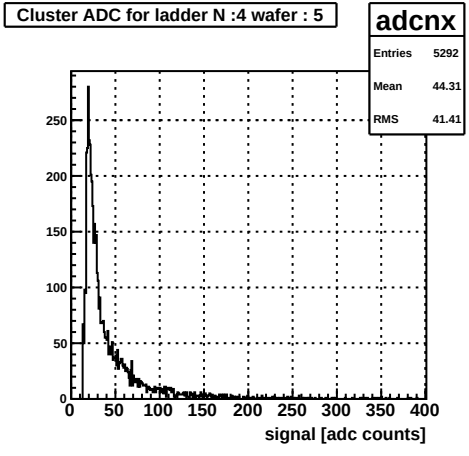

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4116
Mean 38.87
RMS 41.39
signal [adc counts]

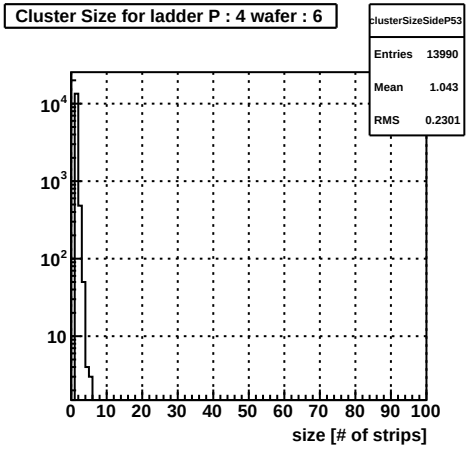

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5533
Mean 1.094
RMS 0.3656
size [# of strips]

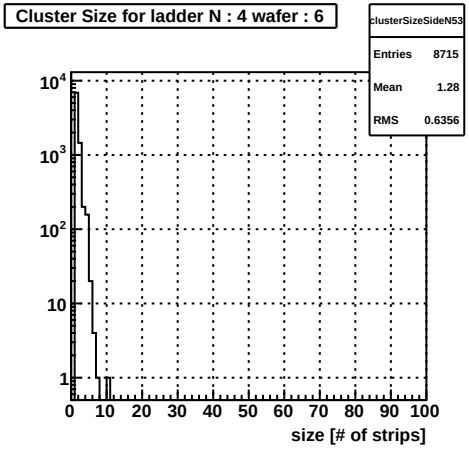

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5292
Mean 1.393
RMS 0.7391
size [# of strips]

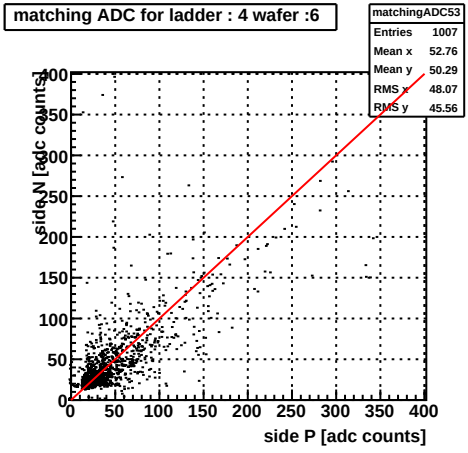

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1650
Mean x 63.04
Mean y 62.71
RMS x 52.71
RMS y 48.99
side N [adc counts]
side P [adc counts]

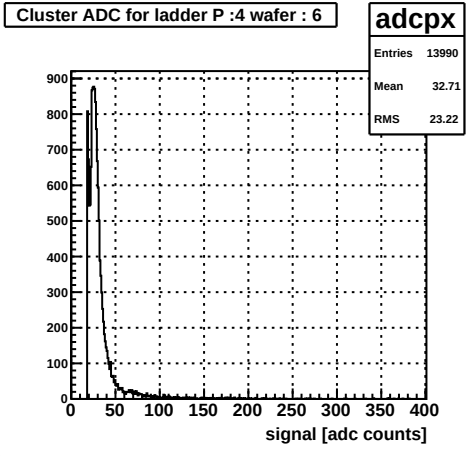

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5533
Mean 43.12
RMS 44.89
signal [adc counts]

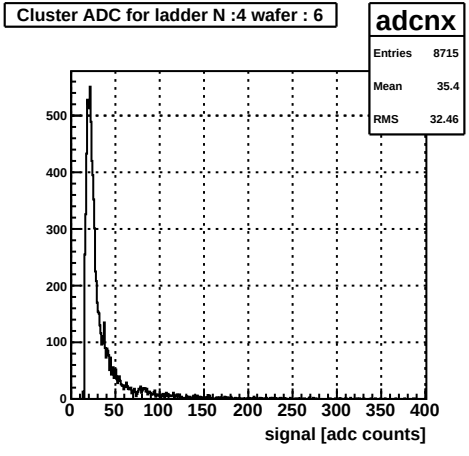

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5292
Mean 44.31
RMS 41.41
signal [adc counts]

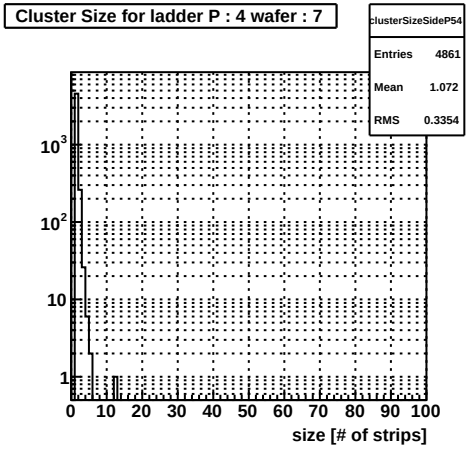

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 13990
Mean 1.043
RMS 0.2301
size [# of strips]

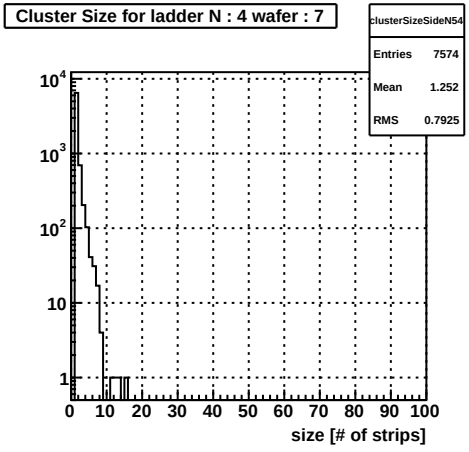

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8715
Mean 1.28
RMS 0.6356
size [# of strips]

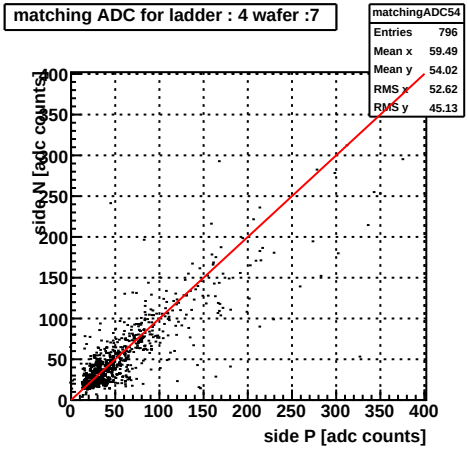

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1007
Mean x 52.76
Mean y 50.29
RMS x 48.07
RMS y 45.56
side N [adc counts]
side P [adc counts]

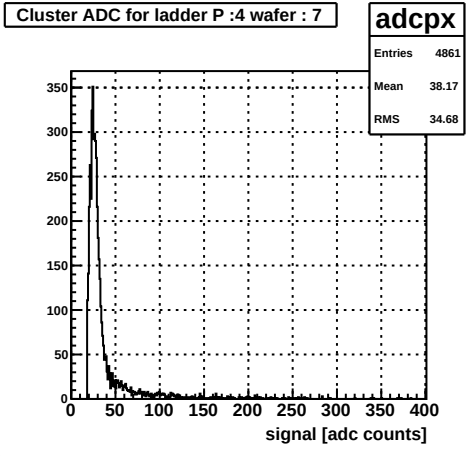

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 13990
Mean 32.71
RMS 23.22
signal [adc counts]

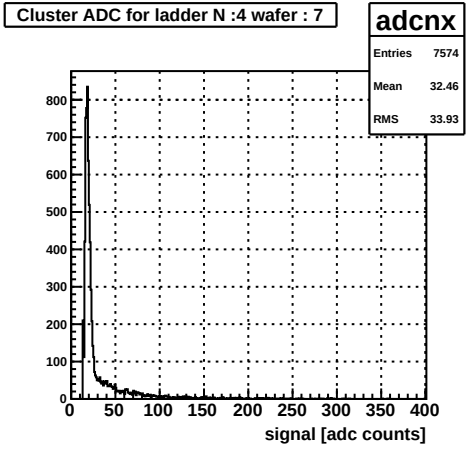

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8715
Mean 35.4
RMS 32.46
signal [adc counts]

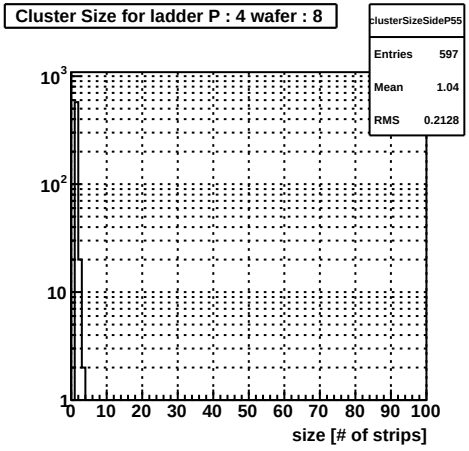

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4861
Mean 1.072
RMS 0.3354
size [# of strips]

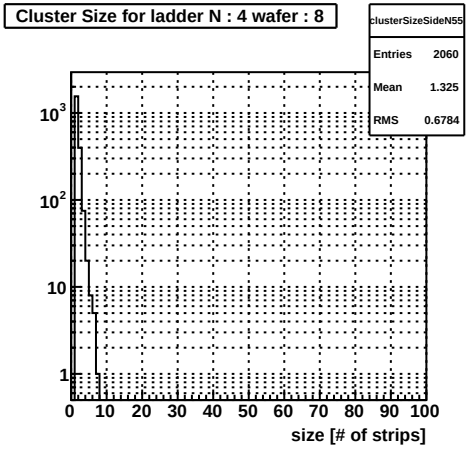

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7574
Mean 1.252
RMS 0.7925
size [# of strips]

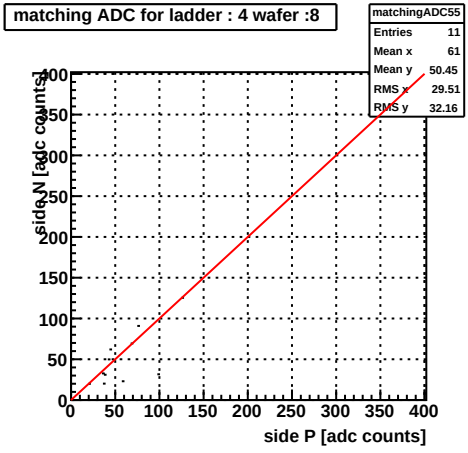

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 796
Mean x 59.49
Mean y 54.02
RMS x 52.62
RMS y 45.13
side N [adc counts]
side P [adc counts]

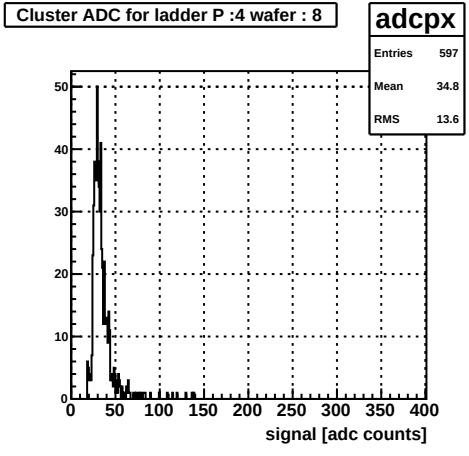

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4861
Mean 38.17
RMS 34.68
signal [adc counts]

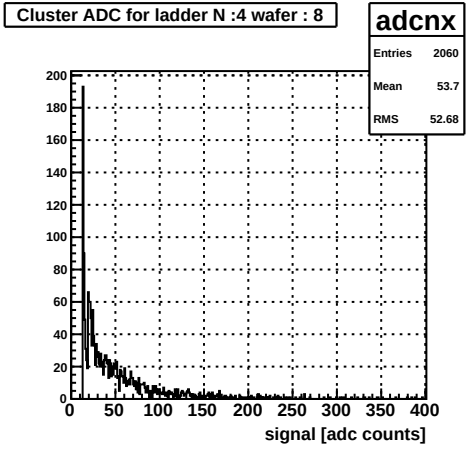

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7574
Mean 32.46
RMS 33.93
signal [adc counts]

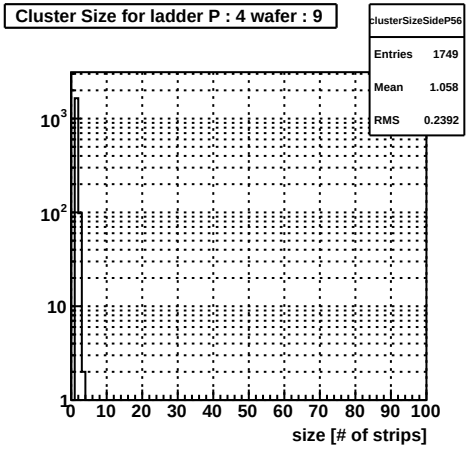

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 597
Mean 1.04
RMS 0.2128
size [# of strips]

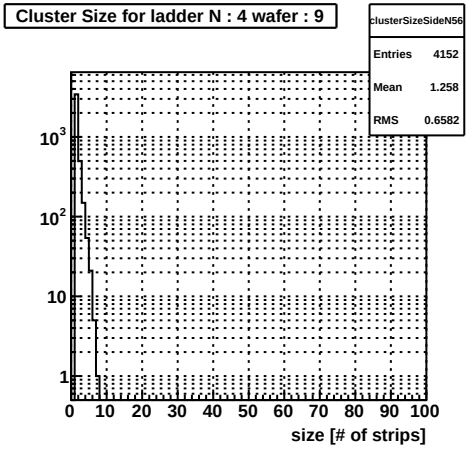

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2060
Mean 1.325
RMS 0.6784
size [# of strips]

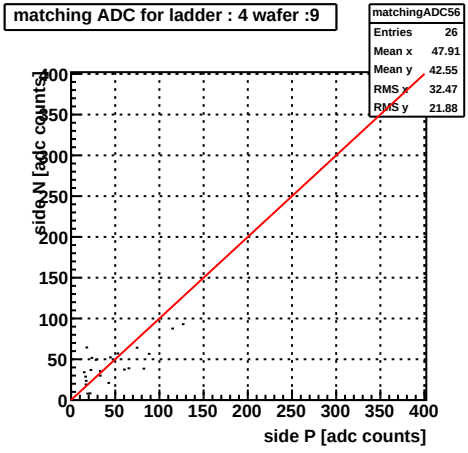

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 11
Mean x 61
Mean y 50.45
RMS x 29.51
RMS y 32.16
side N [adc counts]
side P [adc counts]

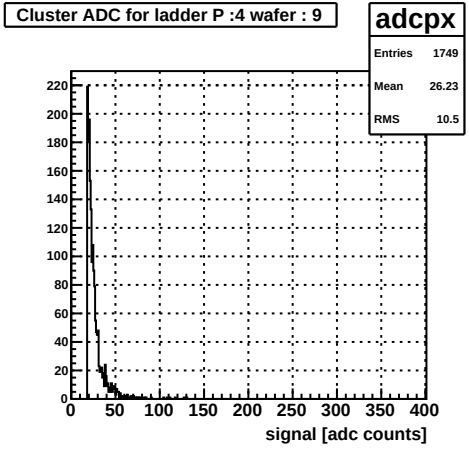

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 597
Mean 34.8
RMS 13.6
signal [adc counts]

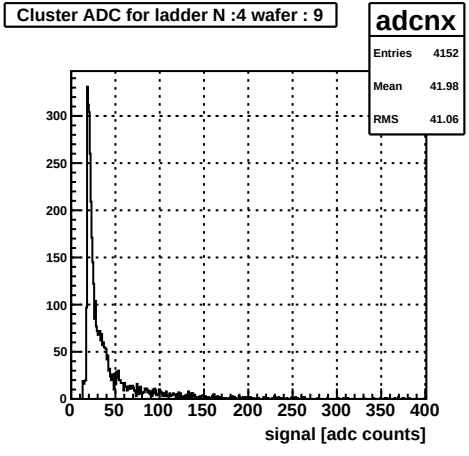

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2060
Mean 53.7
RMS 52.68
signal [adc counts]

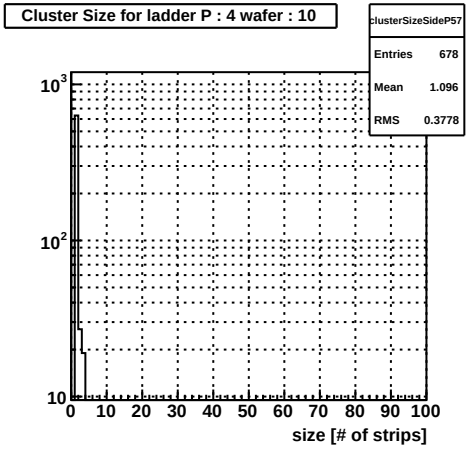

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1749
Mean 1.058
RMS 0.2392
size [# of strips]

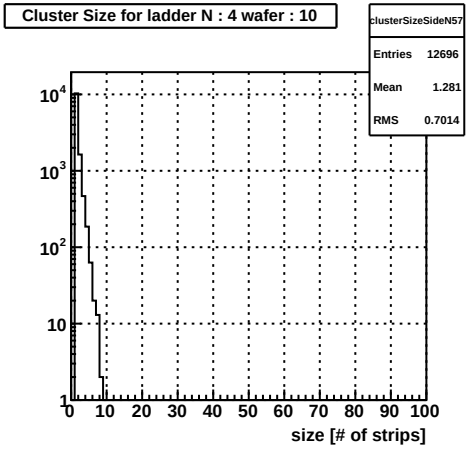

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4152
Mean 1.258
RMS 0.6582
size [# of strips]

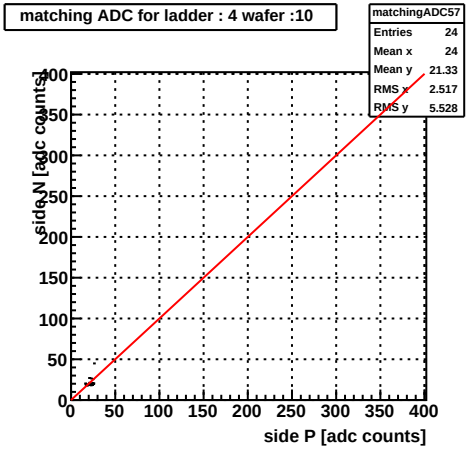

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 26
Mean x 47.91
Mean y 42.55
RMS x 32.47
RMS y 21.88
side N [adc counts]
side P [adc counts]

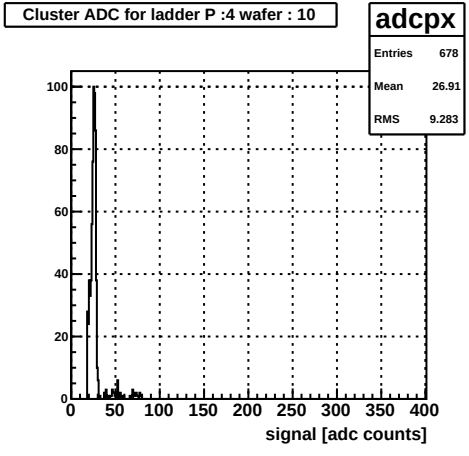

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1749
Mean 26.23
RMS 10.5
signal [adc counts]

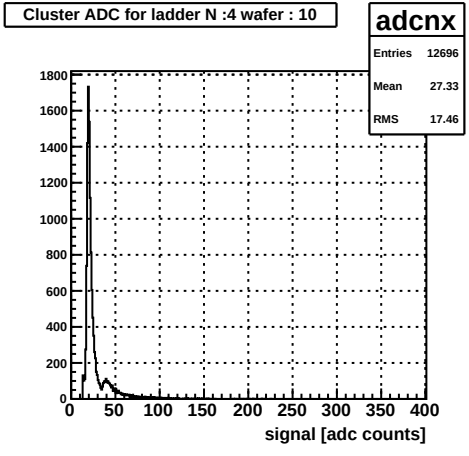

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4152
Mean 41.98
RMS 41.06
signal [adc counts]

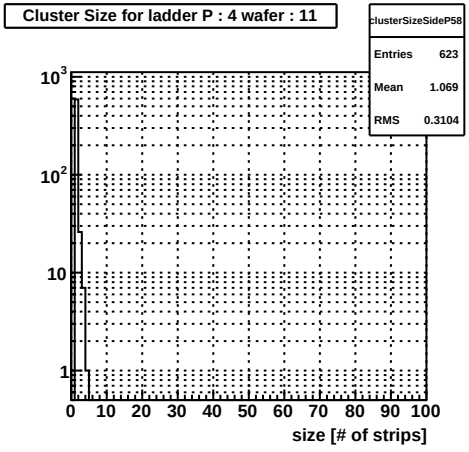

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 678
Mean 1.096
RMS 0.3778
size [# of strips]

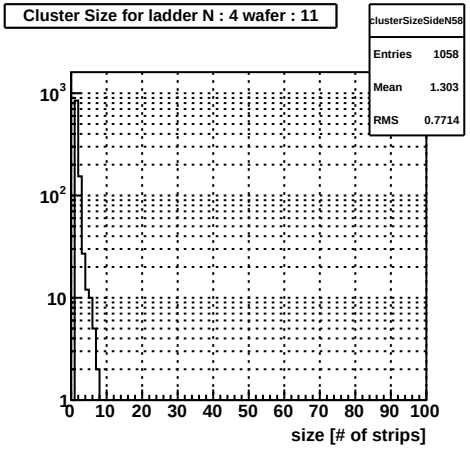

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12696
Mean 1.281
RMS 0.7014
size [# of strips]

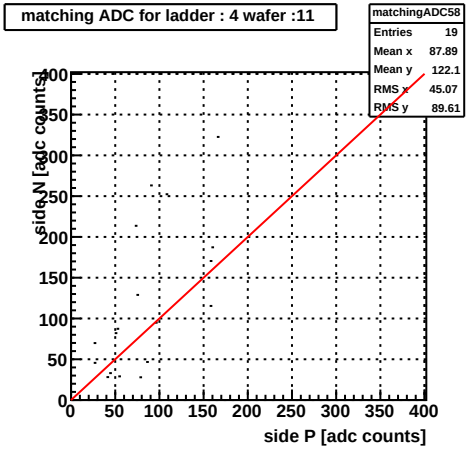

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 24
Mean x 24
Mean y 21.33
RMS x 2.517
RMS y 5.528
side N [adc counts]
side P [adc counts]

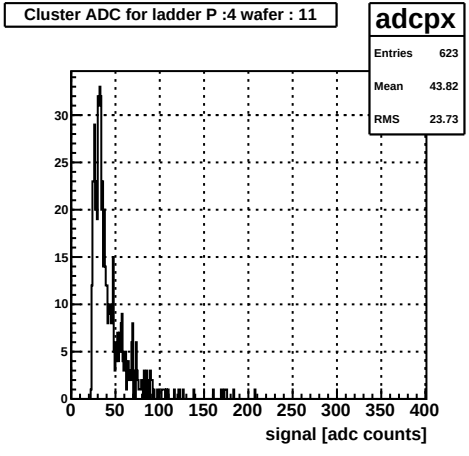

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 678
Mean 26.91
RMS 9.283
signal [adc counts]

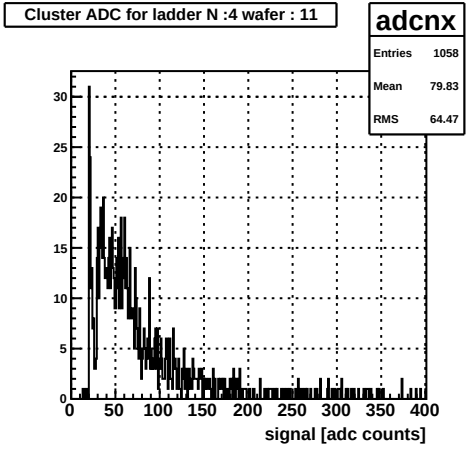

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12696
Mean 27.33
RMS 17.46
signal [adc counts]

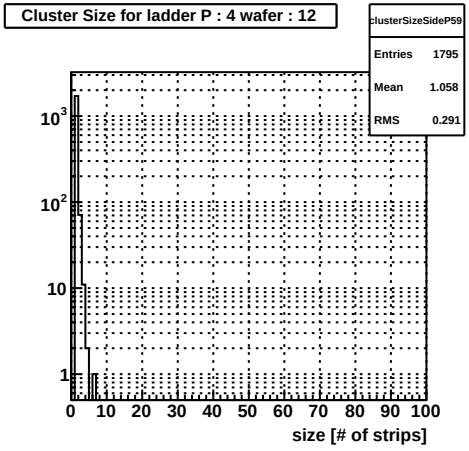

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 623
Mean 1.069
RMS 0.3104
size [# of strips]

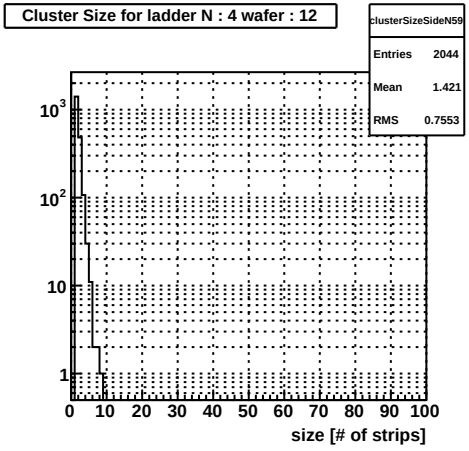

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1058
Mean 1.303
RMS 0.7714
size [# of strips]

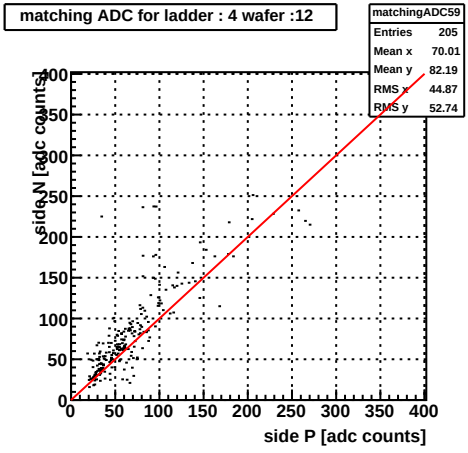

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 19
Mean x 87.89
Mean y 122.1
RMS x 45.07
RMS y 89.61
side N [adc counts]
side P [adc counts]

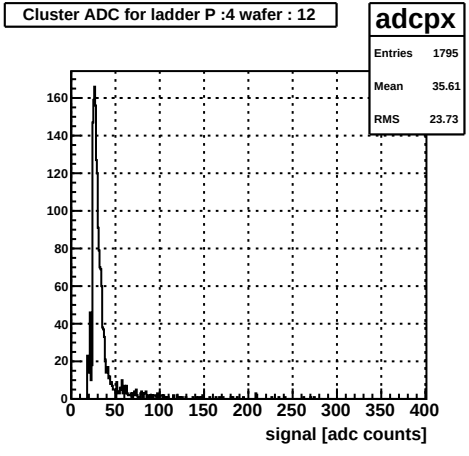

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 623
Mean 43.82
RMS 23.73
signal [adc counts]

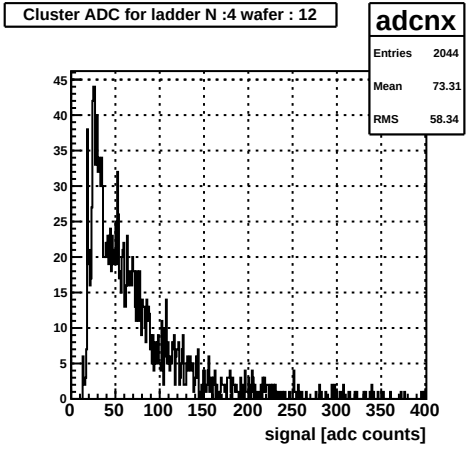

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1058
Mean 79.83
RMS 64.47
signal [adc counts]

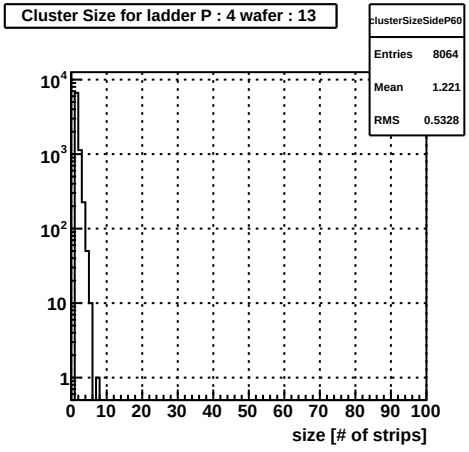

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1795
Mean 1.058
RMS 0.291
size [# of strips]

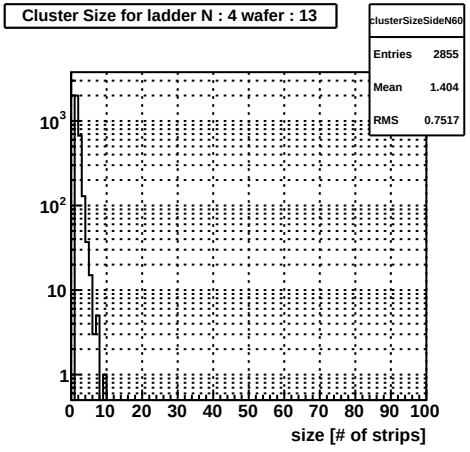

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2044
Mean 1.421
RMS 0.7553
size [# of strips]

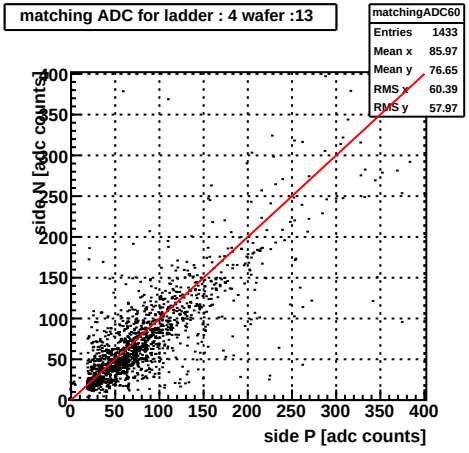

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 205
Mean x 70.01
Mean y 82.19
RMS x 44.87
RMS y 52.74
side N [adc counts]
side P [adc counts]

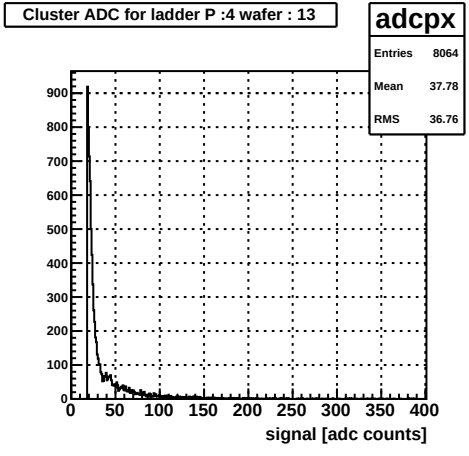

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1795
Mean 35.61
RMS 23.73
signal [adc counts]

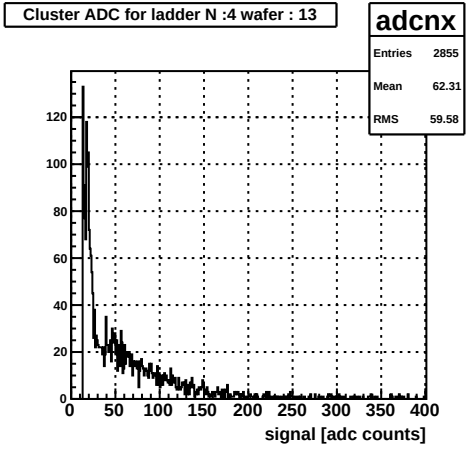

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2044
Mean 73.31
RMS 58.34
signal [adc counts]

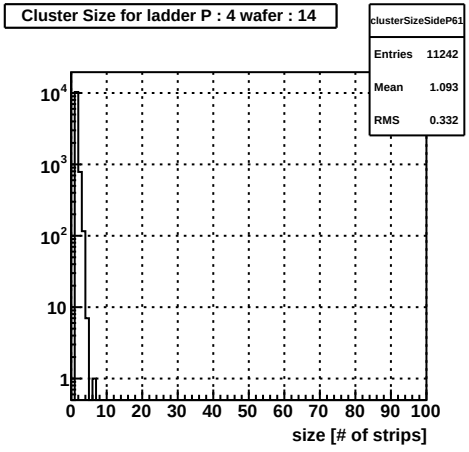

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8064
Mean 1.221
RMS 0.5328
size [# of strips]

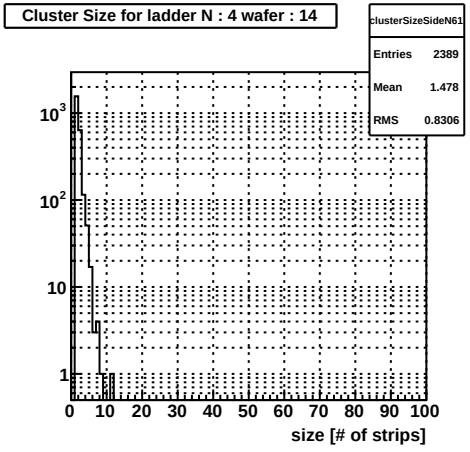

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2855
Mean 1.404
RMS 0.7517
size [# of strips]

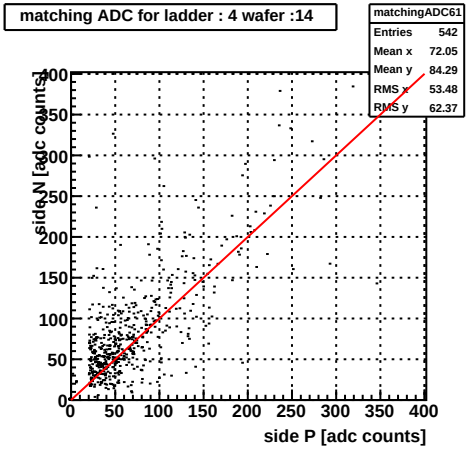

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1433
Mean x 85.97
Mean y 76.65
RMS x 60.39
RMS y 57.97
side N [adc counts]
side P [adc counts]

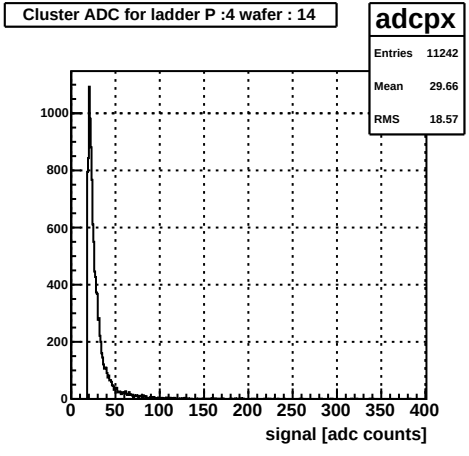

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8064
Mean 37.78
RMS 36.76
signal [adc counts]

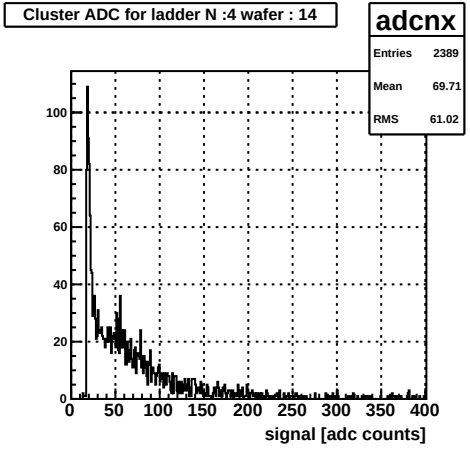

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2855
Mean 62.31
RMS 59.58
signal [adc counts]

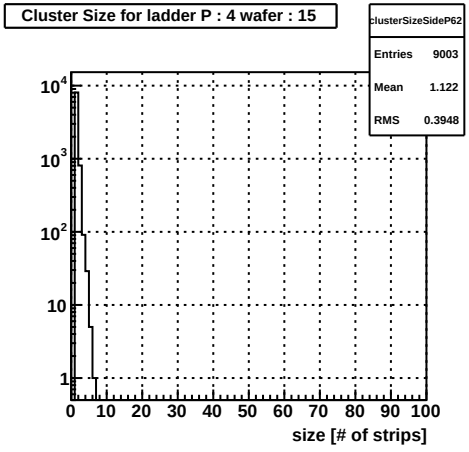

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11242
Mean 1.093
RMS 0.332
size [# of strips]

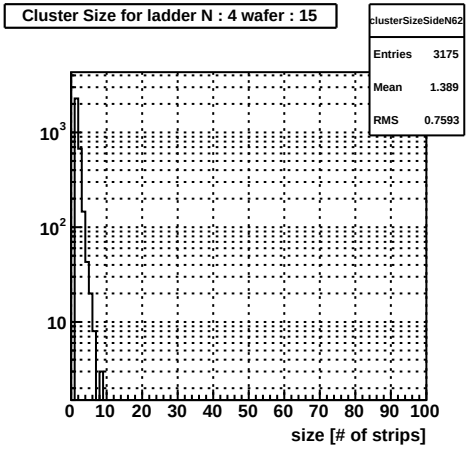

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2389
Mean 1.478
RMS 0.8306
size [# of strips]

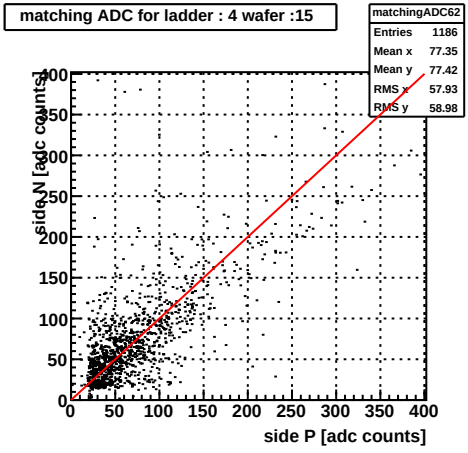

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 542
Mean x 72.05
Mean y 84.29
RMS x 53.48
RMS y 62.37
side N [adc counts]
side P [adc counts]

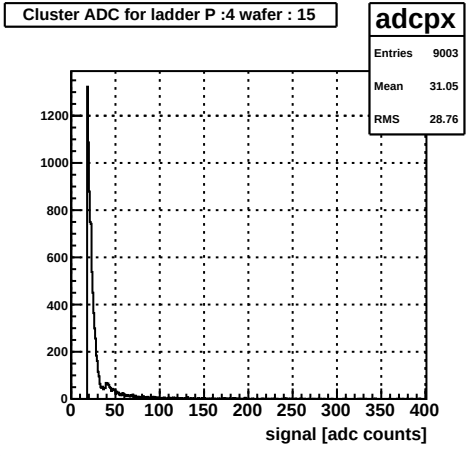

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11242
Mean 29.66
RMS 18.57
signal [adc counts]

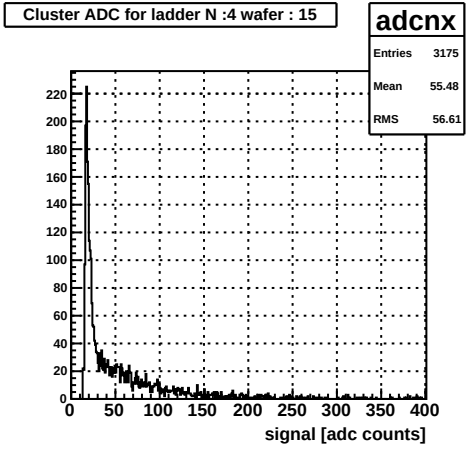

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2389
Mean 69.71
RMS 61.02
signal [adc counts]

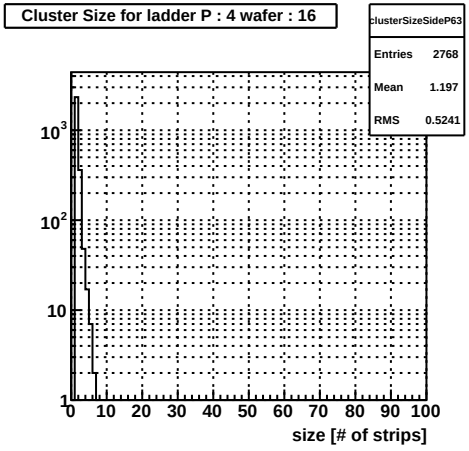

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9003
Mean 1.122
RMS 0.3948
size [# of strips]

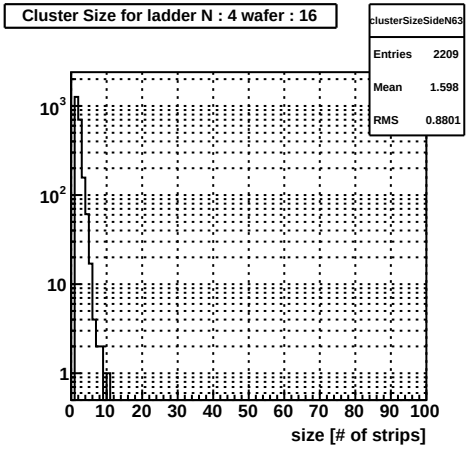

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3175
Mean 1.389
RMS 0.7593
size [# of strips]

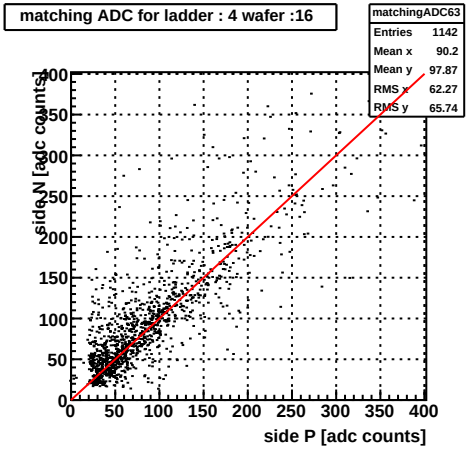

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1186
Mean x 77.35
Mean y 77.42
RMS x 57.93
RMS y 58.98
side N [adc counts]
side P [adc counts]

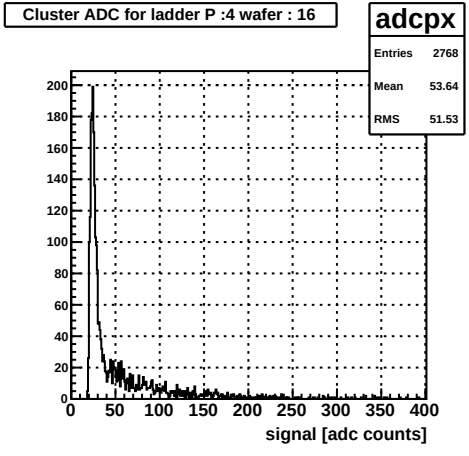

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9003
Mean 31.05
RMS 28.76
signal [adc counts]

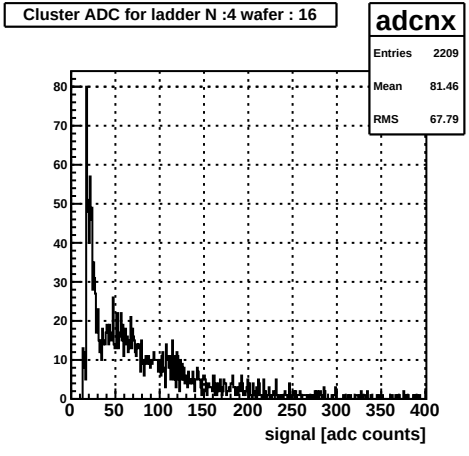

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3175
Mean 55.48
RMS 56.61
signal [adc counts]

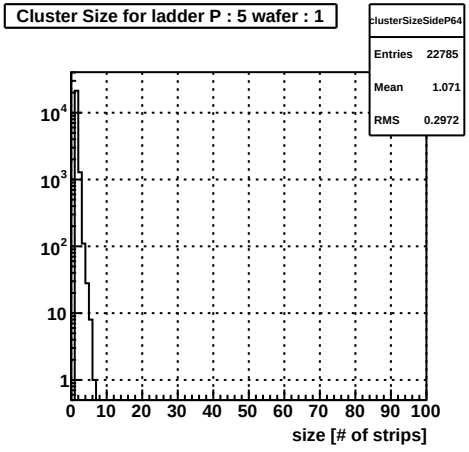

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2768
Mean 1.197
RMS 0.5241
size [# of strips]

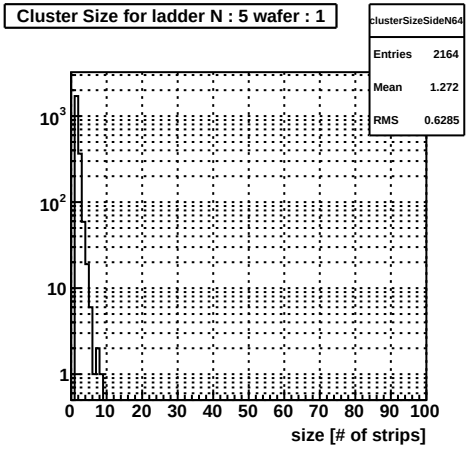

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2209
Mean 1.598
RMS 0.8801
size [# of strips]

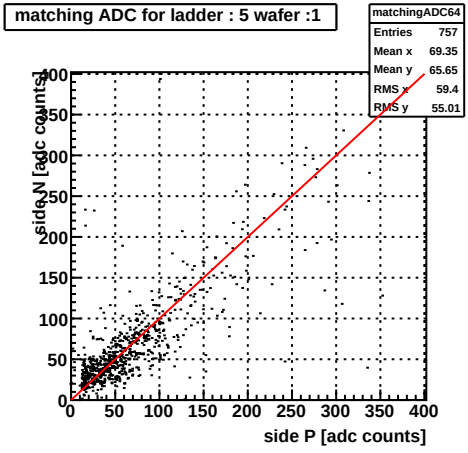

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1142
Mean x 90.2
Mean y 97.87
RMS x 62.27
RMS y 65.74
side N [adc counts]
side P [adc counts]

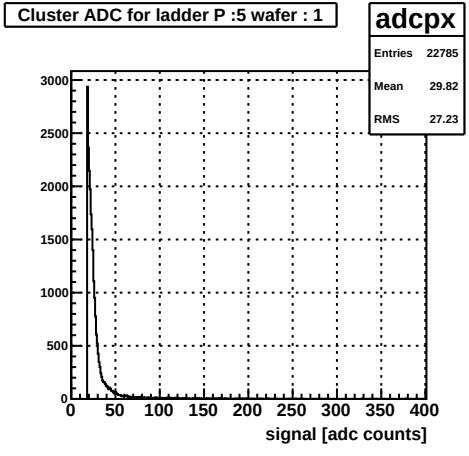

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2768
Mean 53.64
RMS 51.53
signal [adc counts]

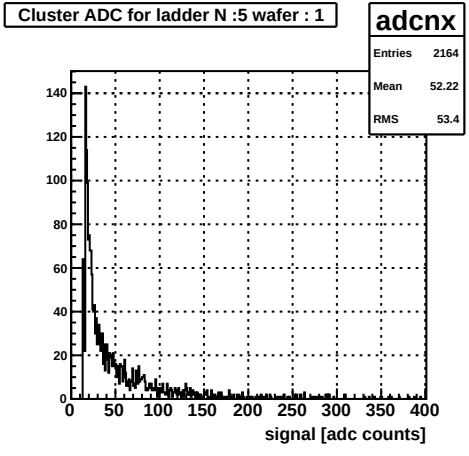

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2209
Mean 81.46
RMS 67.79
signal [adc counts]

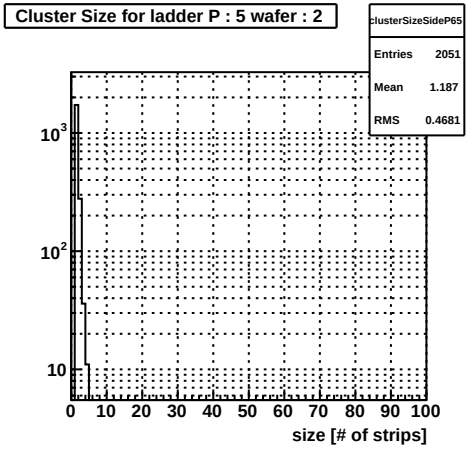

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 22785
Mean 1.071
RMS 0.2972
size [# of strips]

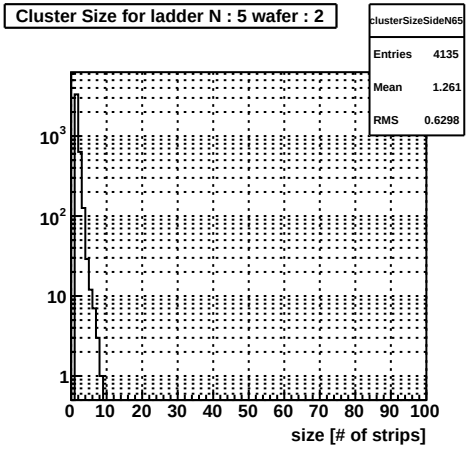

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2164
Mean 1.272
RMS 0.6285
size [# of strips]

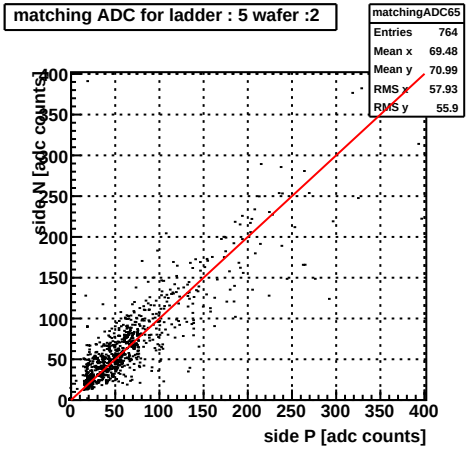

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 757
Mean x 69.35
Mean y 65.65
RMS x 59.4
RMS y 55.01
side N [adc counts]
side P [adc counts]

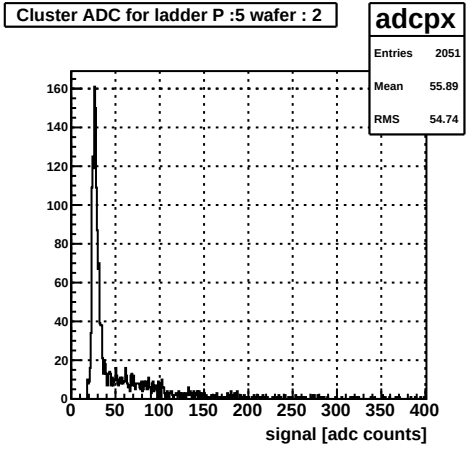

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 22785
Mean 29.82
RMS 27.23
signal [adc counts]

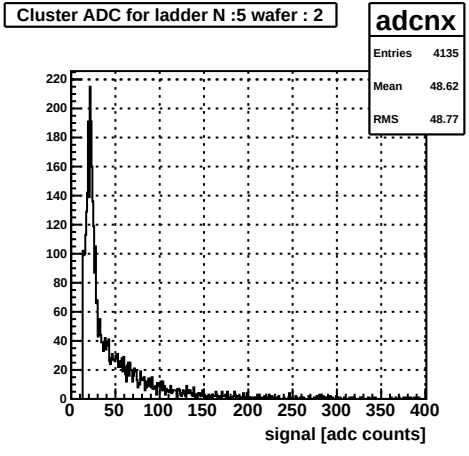

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2164
Mean 52.22
RMS 53.4
signal [adc counts]

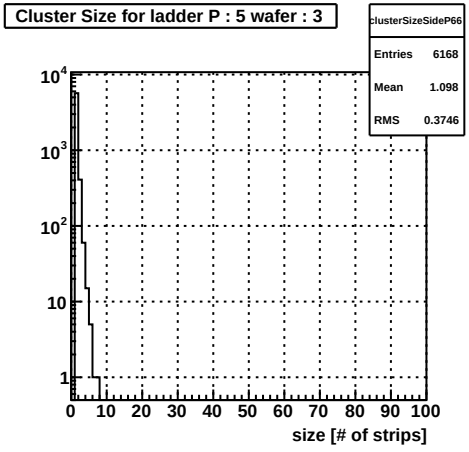

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2051
Mean 1.187
RMS 0.4681
size [# of strips]

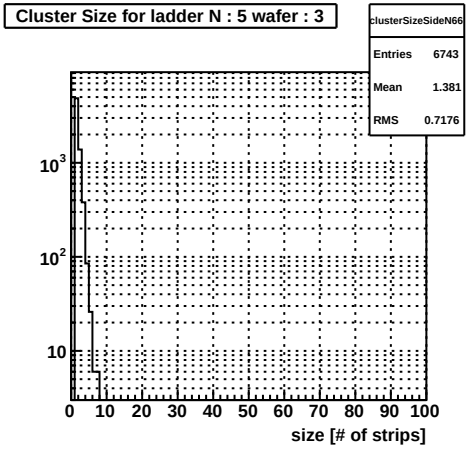

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4135
Mean 1.261
RMS 0.6298
size [# of strips]

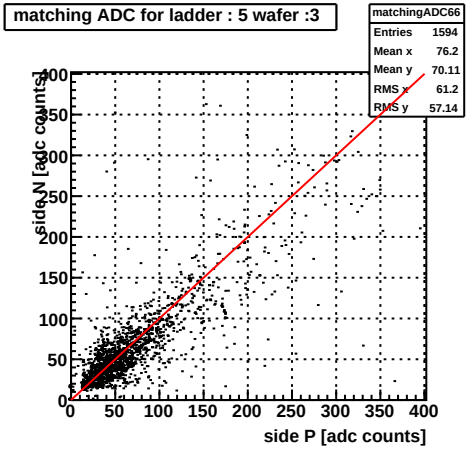

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 764
Mean x 69.48
Mean y 70.99
RMS x 57.93
RMS y 55.9
side N [adc counts]
side P [adc counts]

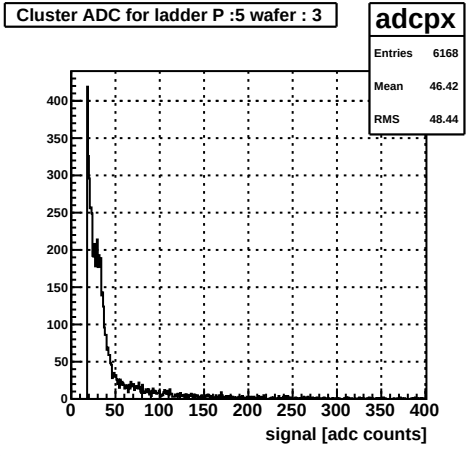

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2051
Mean 55.89
RMS 54.74
signal [adc counts]

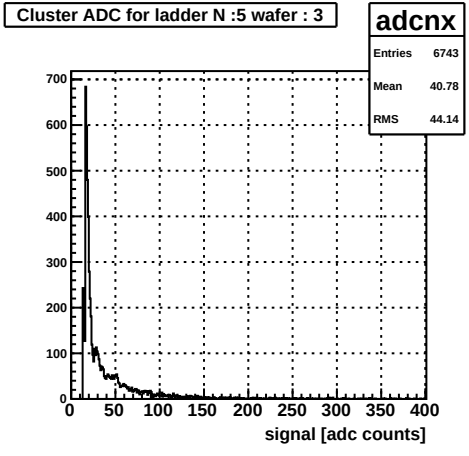

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4135
Mean 48.62
RMS 48.77
signal [adc counts]

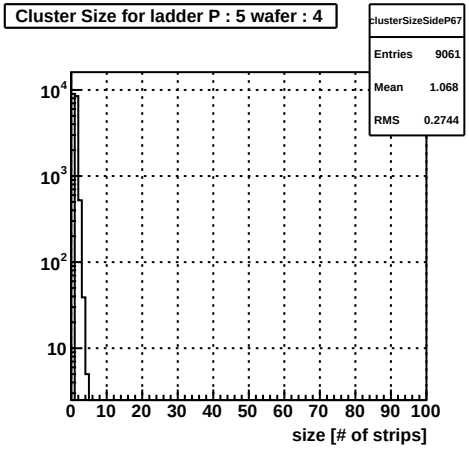

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6168
Mean 1.098
RMS 0.3746
size [# of strips]

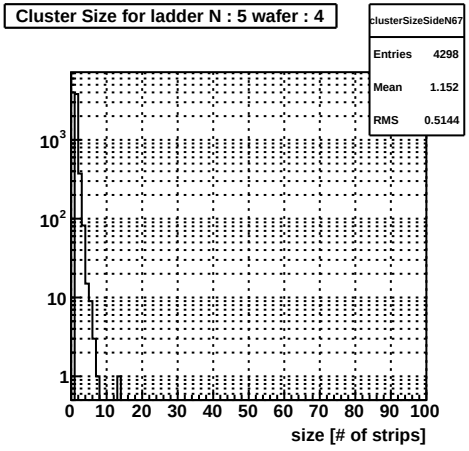

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6743
Mean 1.381
RMS 0.7176
size [# of strips]

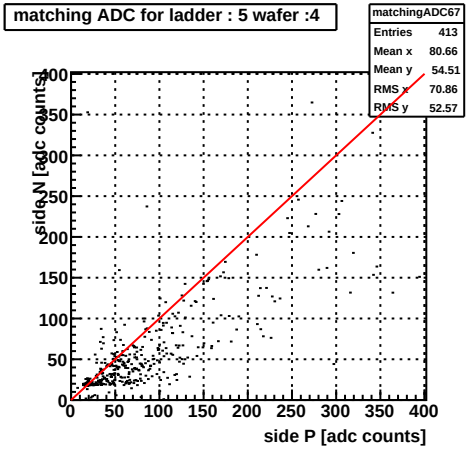

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1594
Mean x 76.2
Mean y 70.11
RMS x 61.2
RMS y 57.14
side N [adc counts]
side P [adc counts]

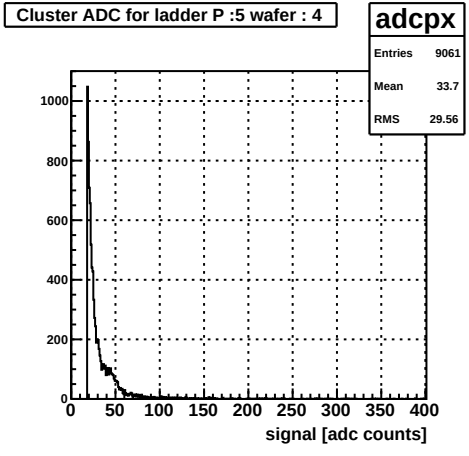

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6168
Mean 46.42
RMS 48.44
signal [adc counts]

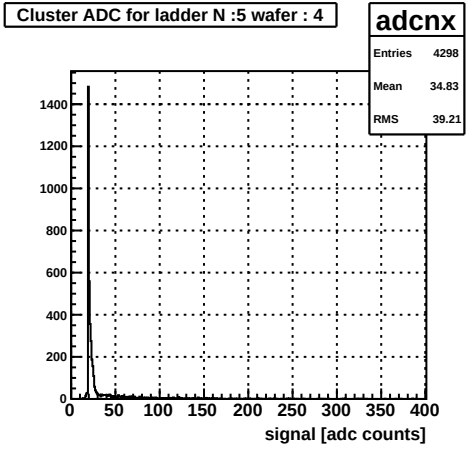

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6743
Mean 40.78
RMS 44.14
signal [adc counts]

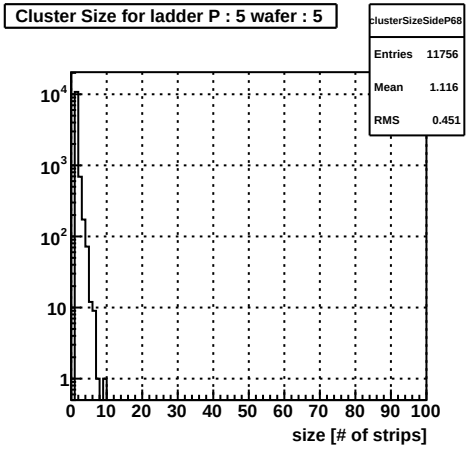

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 9061
Mean 1.068
RMS 0.2744
size [# of strips]

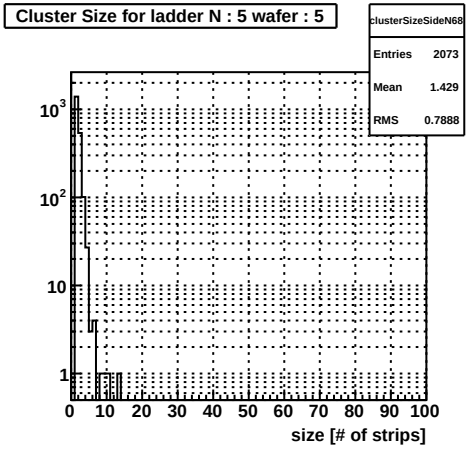

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4298
Mean 1.152
RMS 0.5144
size [# of strips]

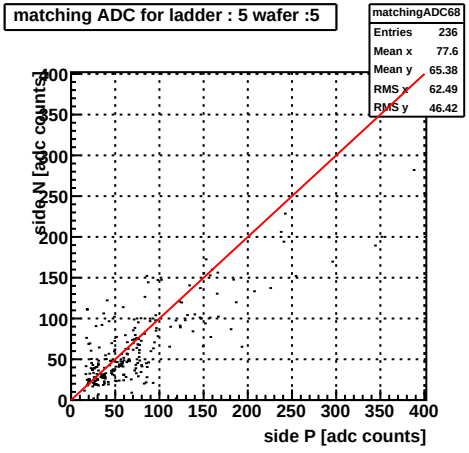

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 413
Mean x 80.66
Mean y 54.51
RMS x 70.86
RMS y 52.57
side N [adc counts]
side P [adc counts]

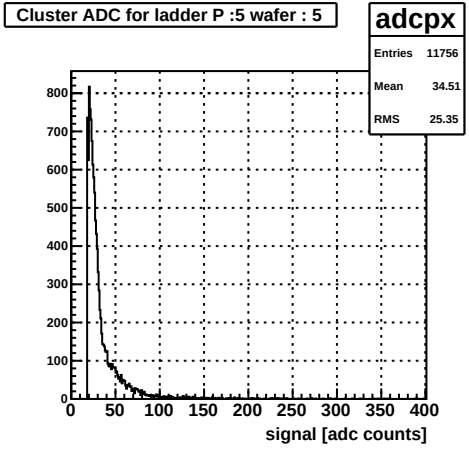

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 9061
Mean 33.7
RMS 29.56
signal [adc counts]

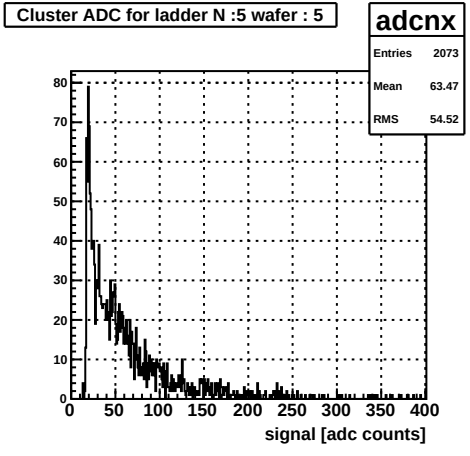

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4298
Mean 34.83
RMS 39.21
signal [adc counts]

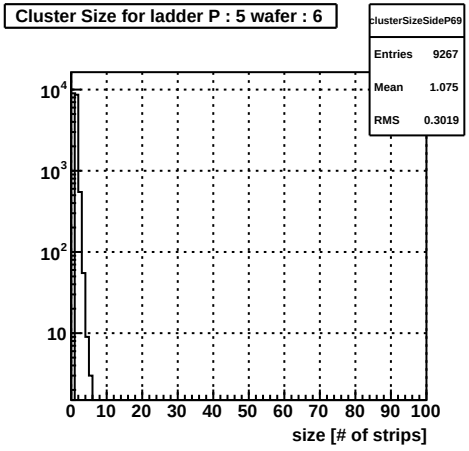

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11756
Mean 1.116
RMS 0.451
size [# of strips]

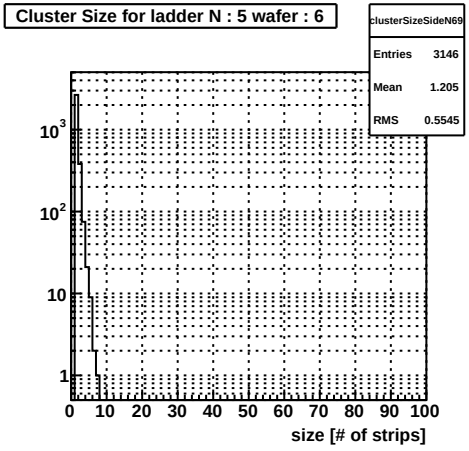

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2073
Mean 1.429
RMS 0.7888
size [# of strips]

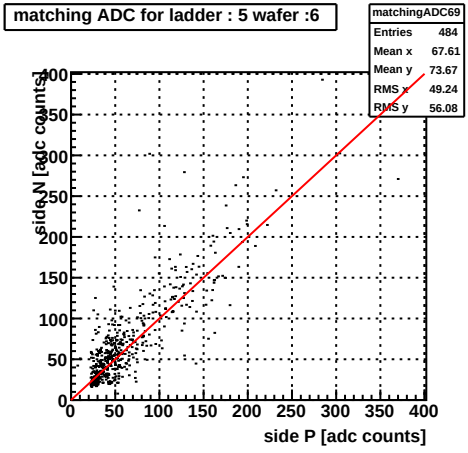

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 236
Mean x 77.6
Mean y 65.38
RMS x 62.49
RMS y 46.42
side N [adc counts]
side P [adc counts]

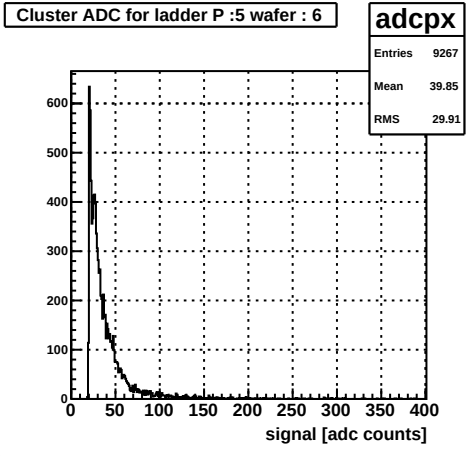

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11756
Mean 34.51
RMS 25.35
signal [adc counts]

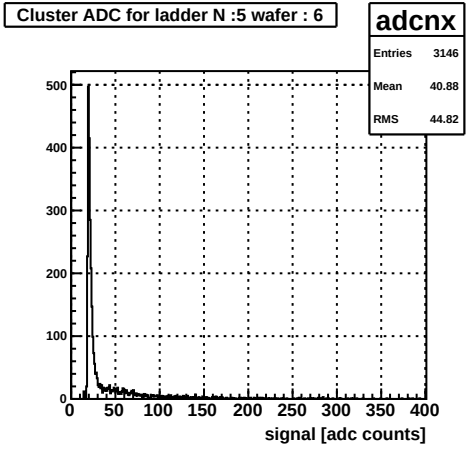

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2073
Mean 63.47
RMS 54.52
signal [adc counts]

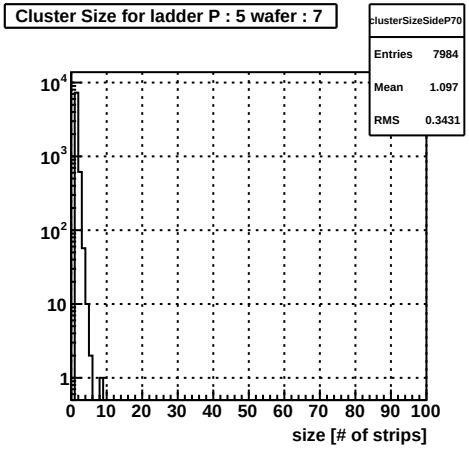

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9267
Mean 1.075
RMS 0.3019
size [# of strips]

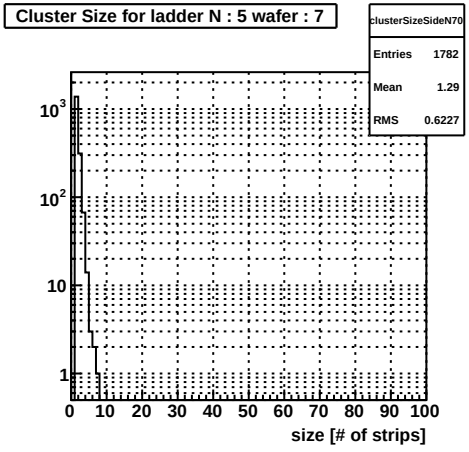

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3146
Mean 1.205
RMS 0.5545
size [# of strips]

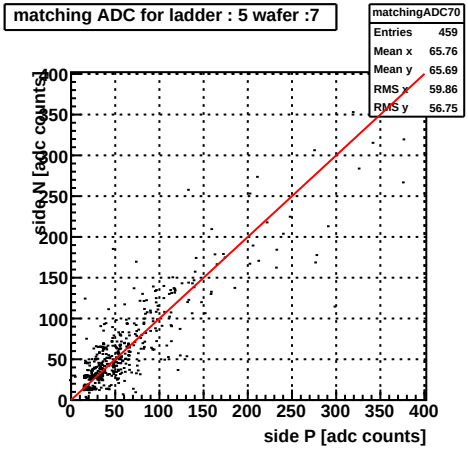

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 484
Mean x 67.61
Mean y 73.67
RMS x 49.24
RMS y 56.08
side N [adc counts]
side P [adc counts]

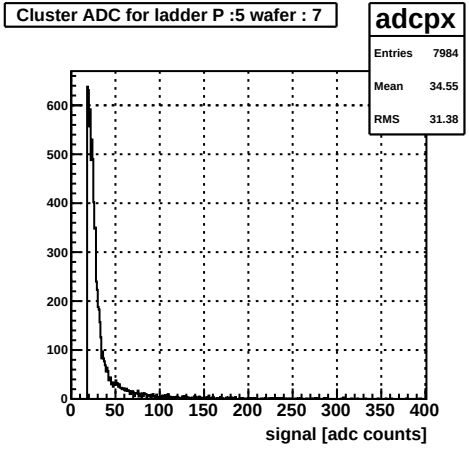

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9267
Mean 39.85
RMS 29.91
signal [adc counts]

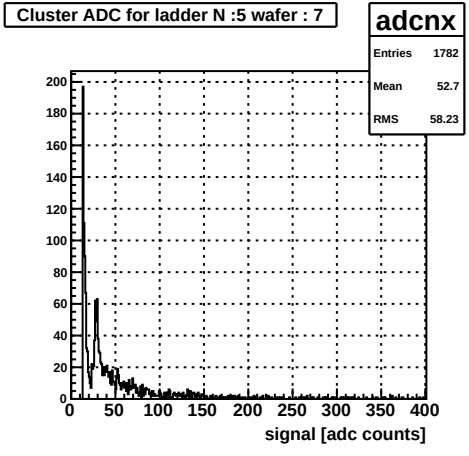

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3146
Mean 40.88
RMS 44.82
signal [adc counts]

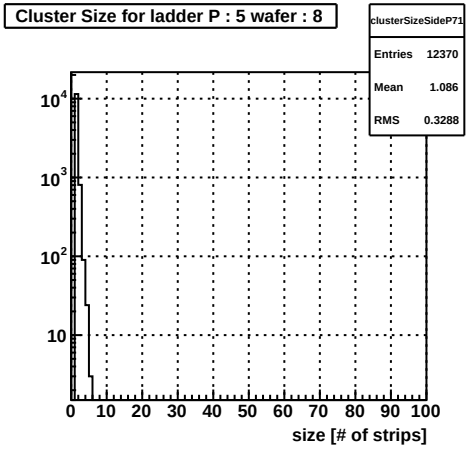

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7984
Mean 1.097
RMS 0.3431
size [# of strips]

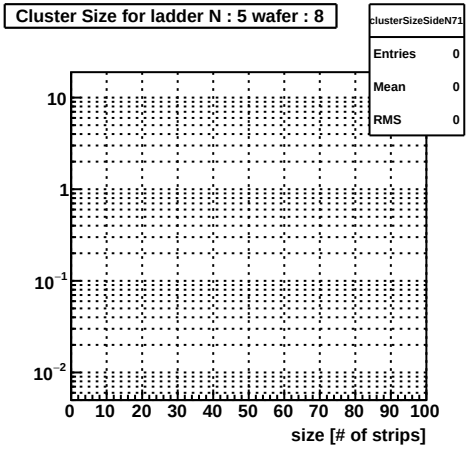

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1782
Mean 1.29
RMS 0.6227
size [# of strips]

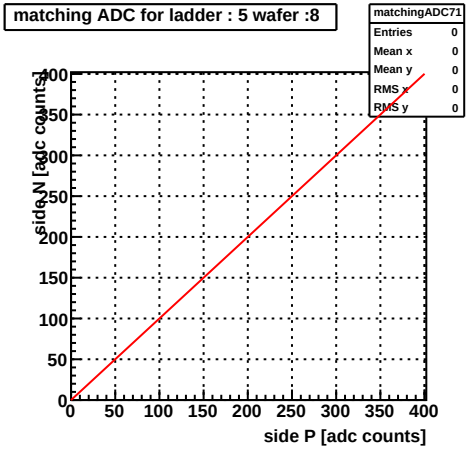

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 459
Mean x 65.76
Mean y 65.69
RMS x 59.86
RMS y 56.75
side N [adc counts]
side P [adc counts]

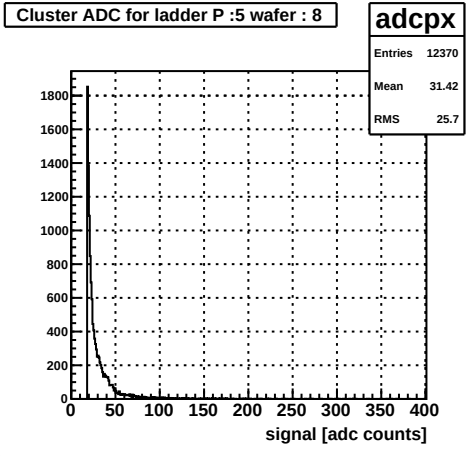

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7984
Mean 34.55
RMS 31.38
signal [adc counts]

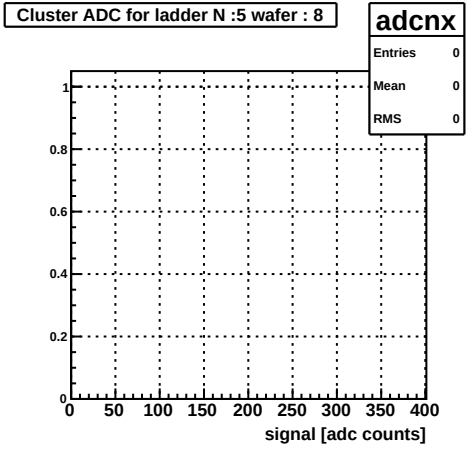

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1782
Mean 52.7
RMS 58.23
signal [adc counts]

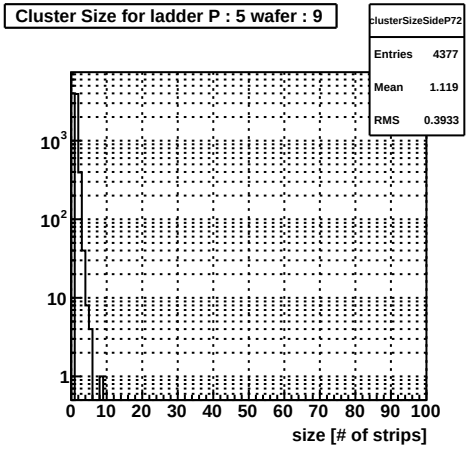

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 12370
Mean 1.086
RMS 0.3288
size [# of strips]

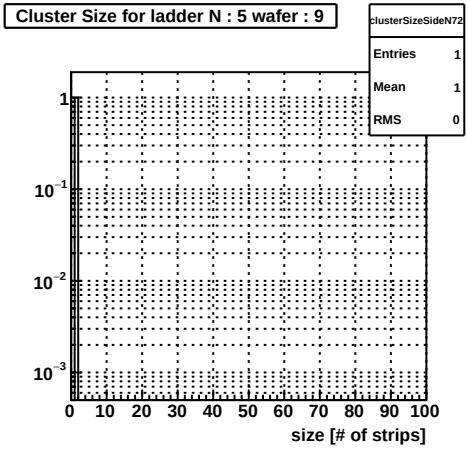

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

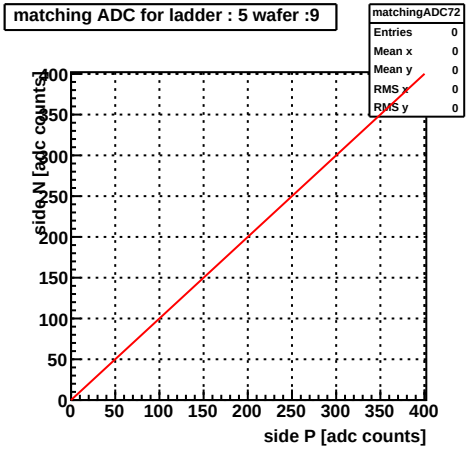

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

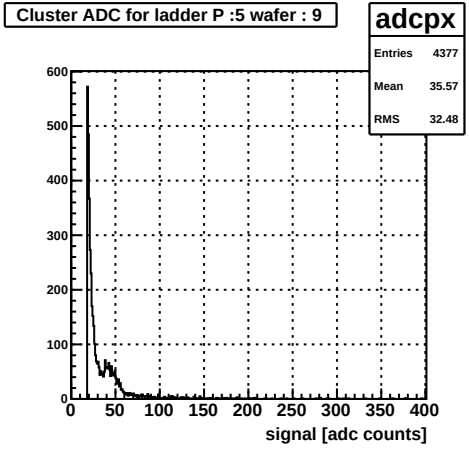

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 12370
Mean 31.42
RMS 25.7
signal [adc counts]

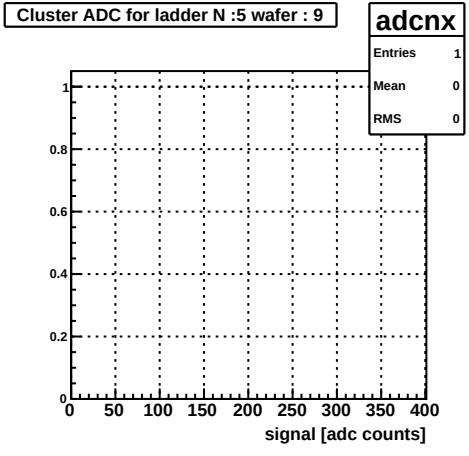

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

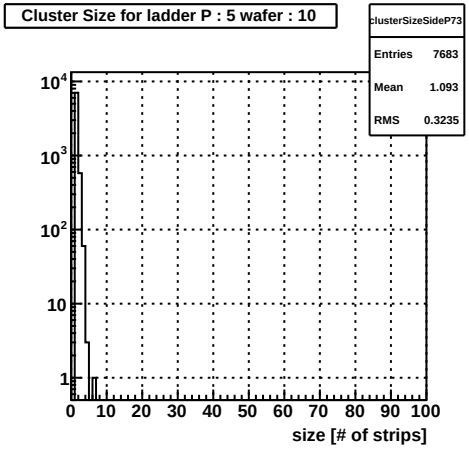

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4377
Mean 1.119
RMS 0.3933
size [# of strips]

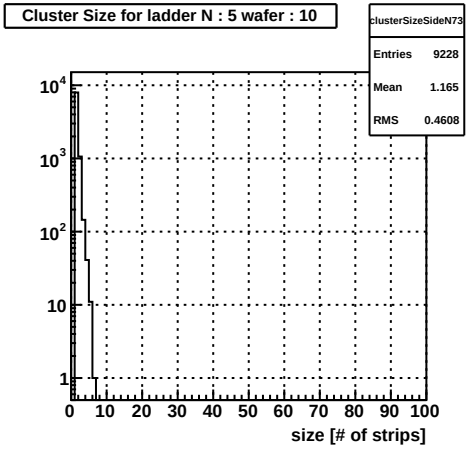

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

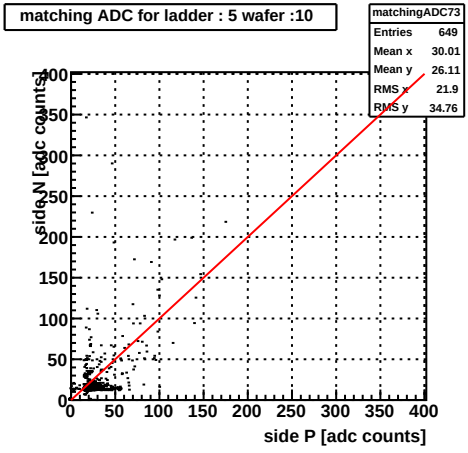

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

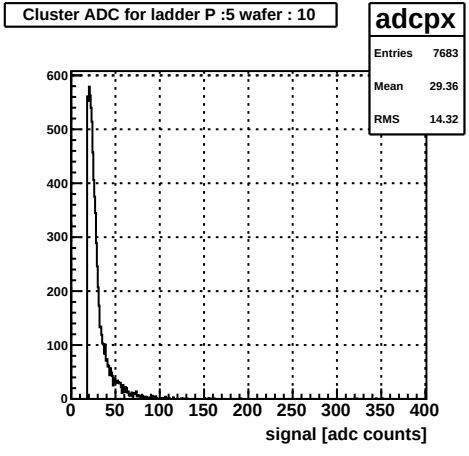

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4377
Mean 35.57
RMS 32.48
signal [adc counts]

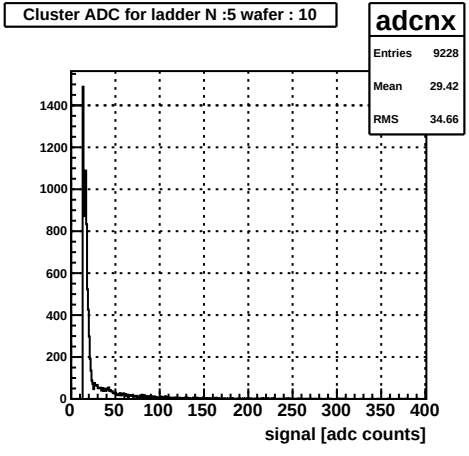

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

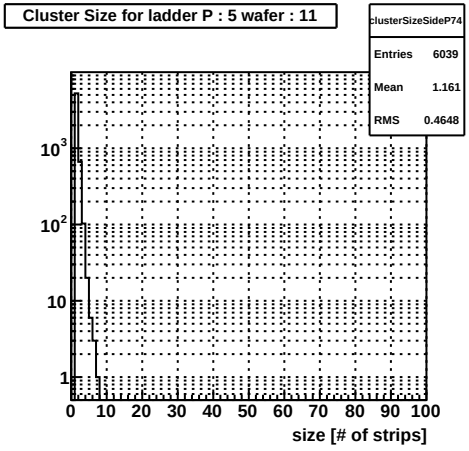

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 7683
Mean 1.093
RMS 0.3235
size [# of strips]

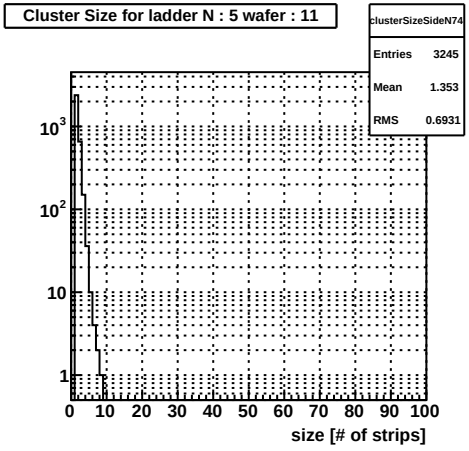

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9228
Mean 1.165
RMS 0.4608
size [# of strips]

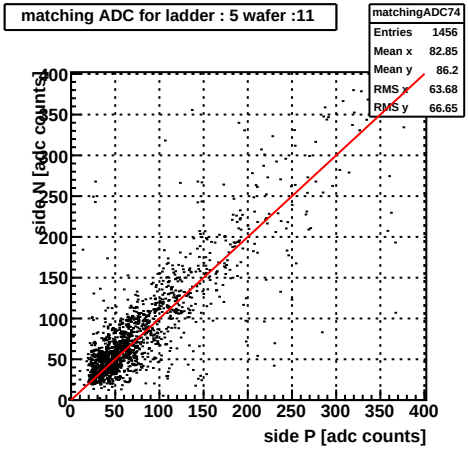

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 649
Mean x 30.01
Mean y 26.11
RMS x 21.9
RMS y 34.76
side N [adc counts]
side P [adc counts]

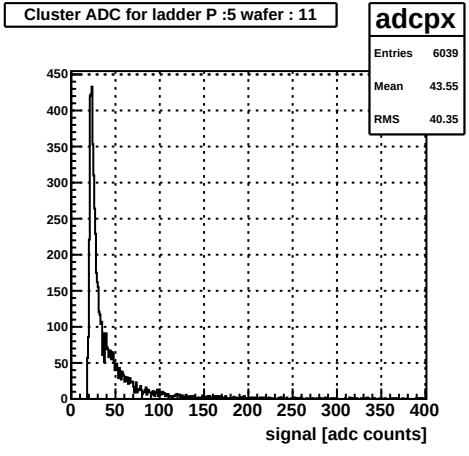

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 7683
Mean 29.36
RMS 14.32
signal [adc counts]

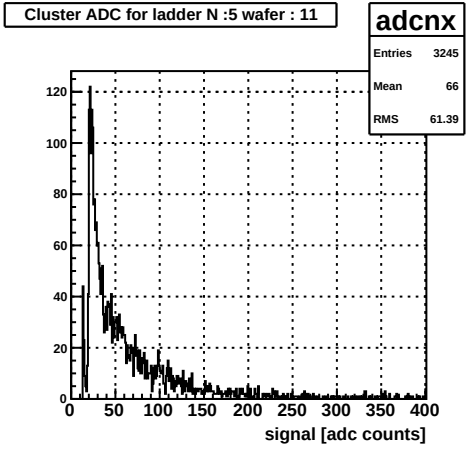

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9228
Mean 29.42
RMS 34.66
signal [adc counts]

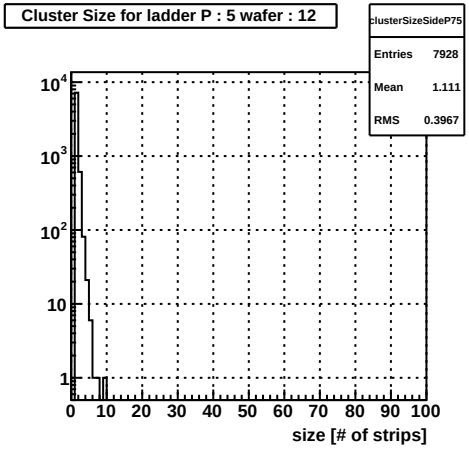

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6039
Mean 1.161
RMS 0.4648
size [# of strips]

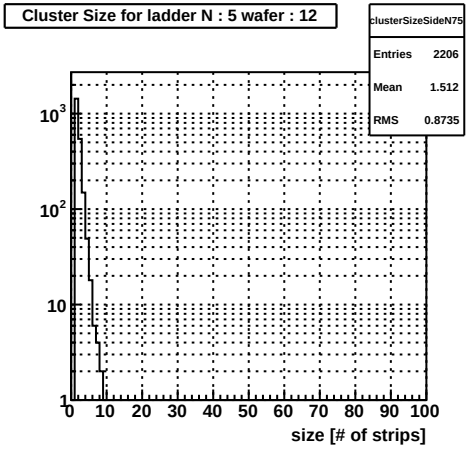

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3245
Mean 1.353
RMS 0.6931
size [# of strips]

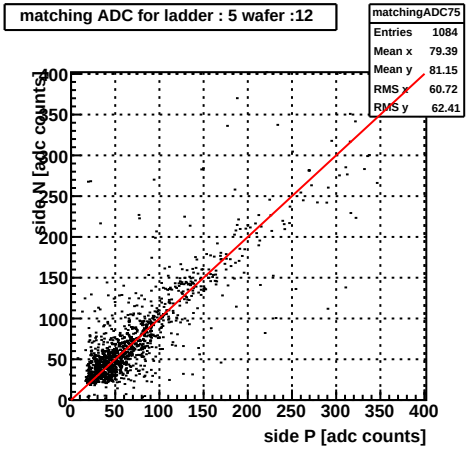

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1456
Mean x 82.85
Mean y 86.2
RMS x 63.68
RMS y 66.65
side N [adc counts]
side P [adc counts]

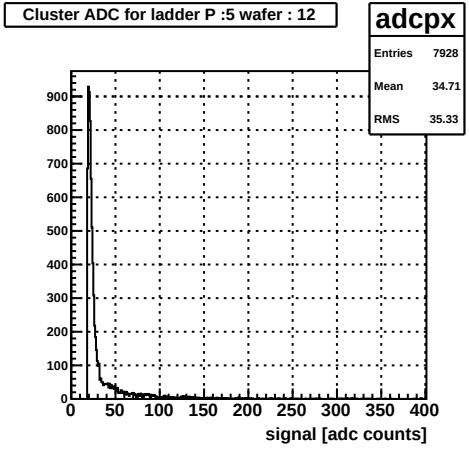

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6039
Mean 43.55
RMS 40.35
signal [adc counts]

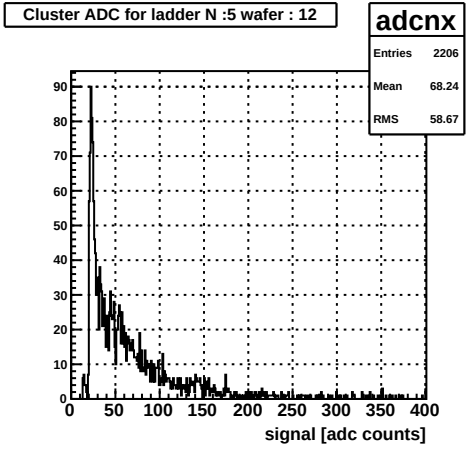

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3245
Mean 66
RMS 61.39
signal [adc counts]

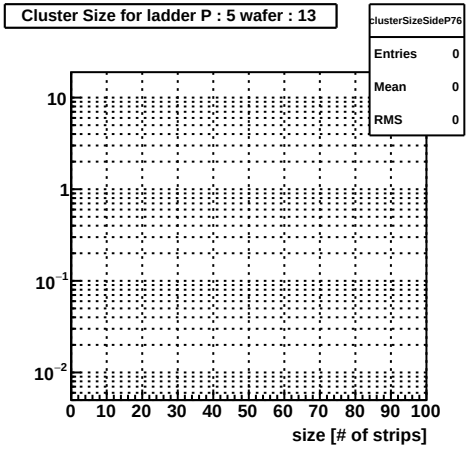

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7928
Mean 1.111
RMS 0.3967
size [# of strips]

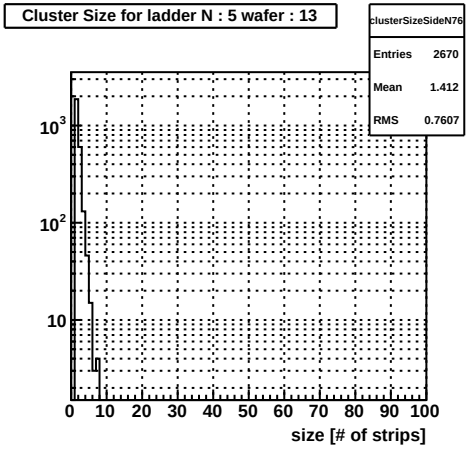

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2206
Mean 1.512
RMS 0.8735
size [# of strips]

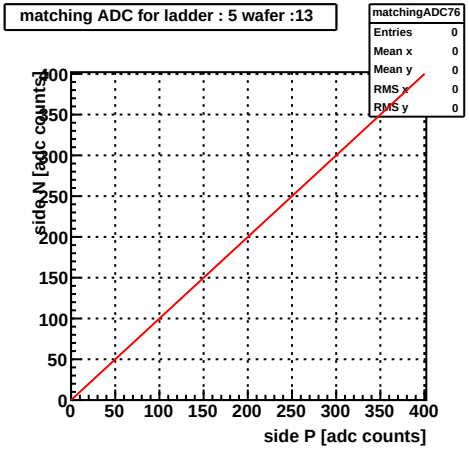

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1084
Mean x 79.39
Mean y 81.15
RMS x 60.72
RMS y 62.41
side N [adc counts]
side P [adc counts]

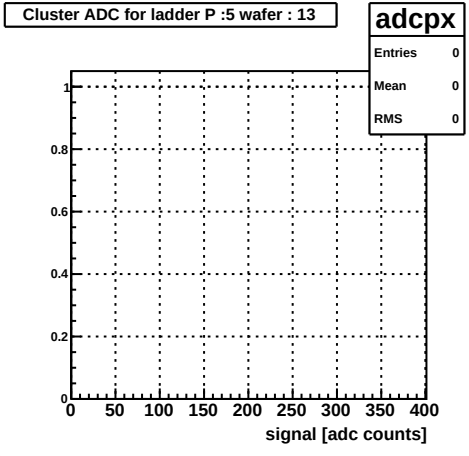

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7928
Mean 34.71
RMS 35.33
signal [adc counts]

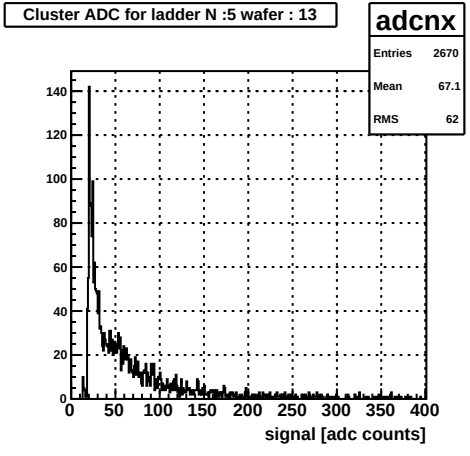

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2206
Mean 68.24
RMS 58.67
signal [adc counts]

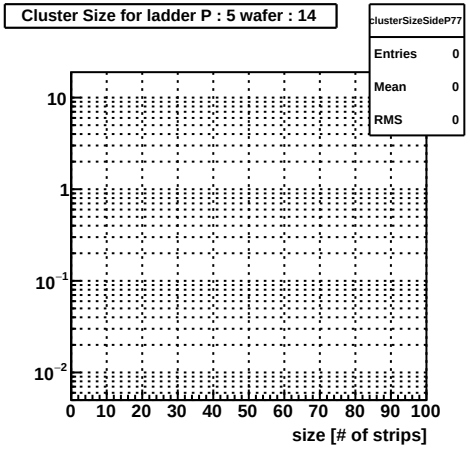

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

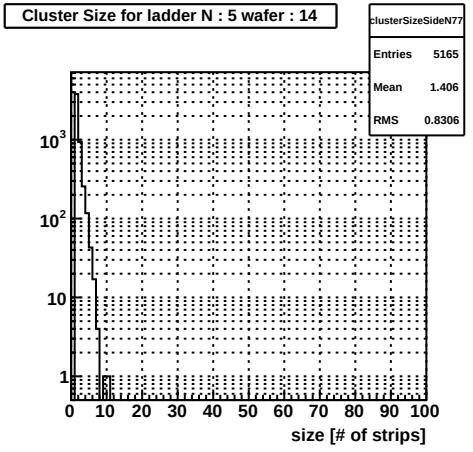

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2670
Mean 1.412
RMS 0.7607
size [# of strips]

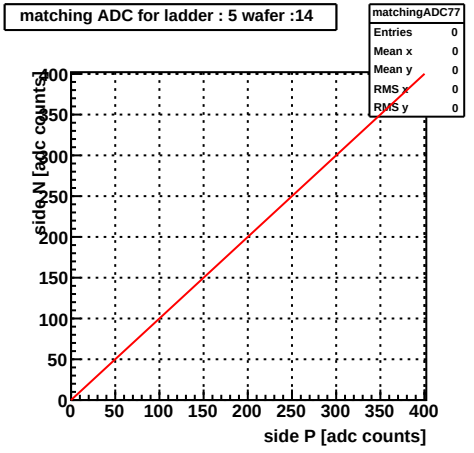

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

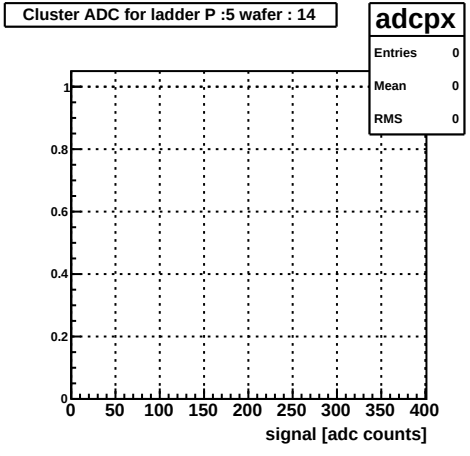

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

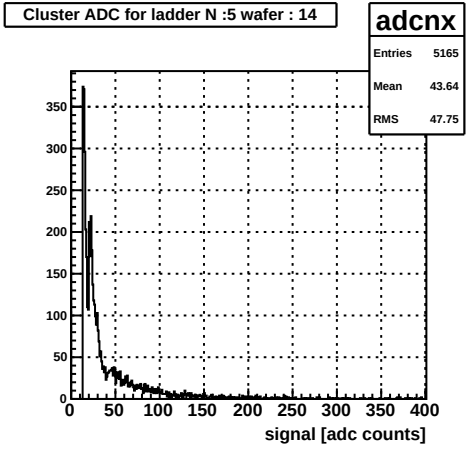

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2670
Mean 67.1
RMS 62
signal [adc counts]

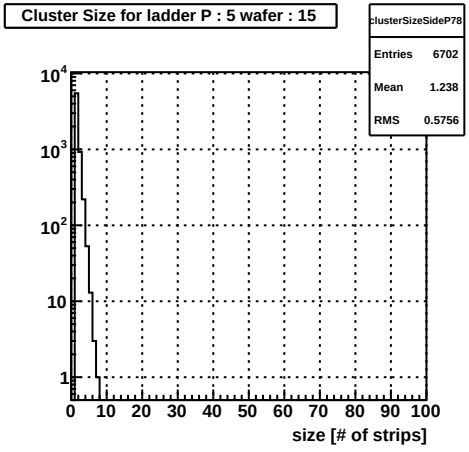

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

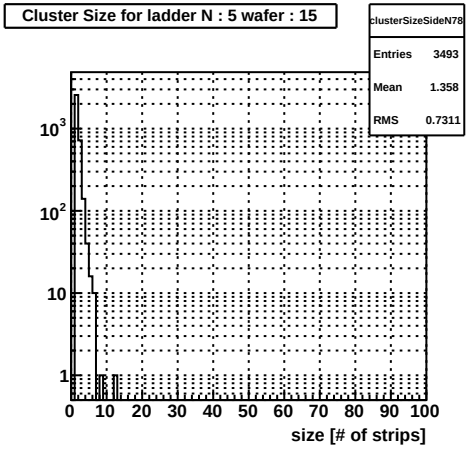

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5165
Mean 1.406
RMS 0.8306
size [# of strips]

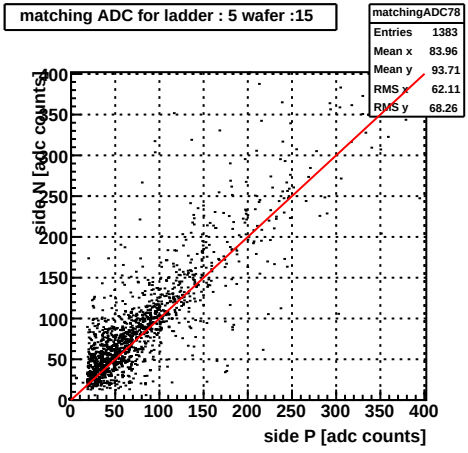

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

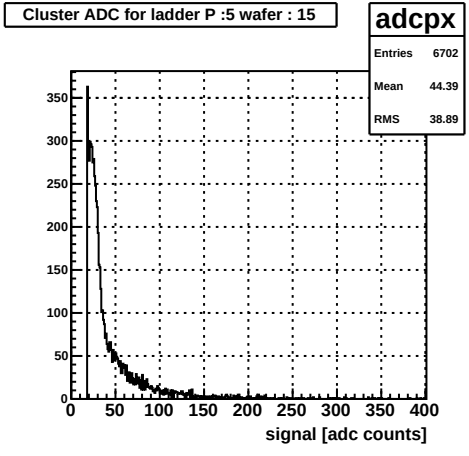

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

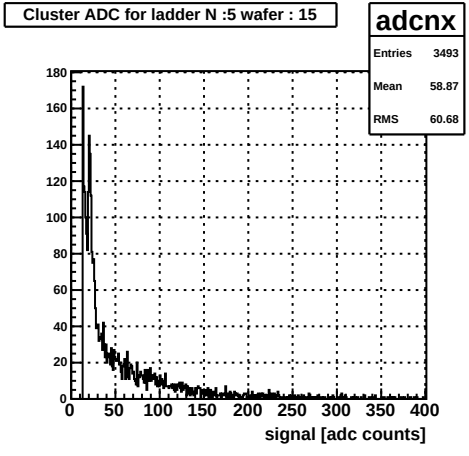

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5165
Mean 43.64
RMS 47.75
signal [adc counts]

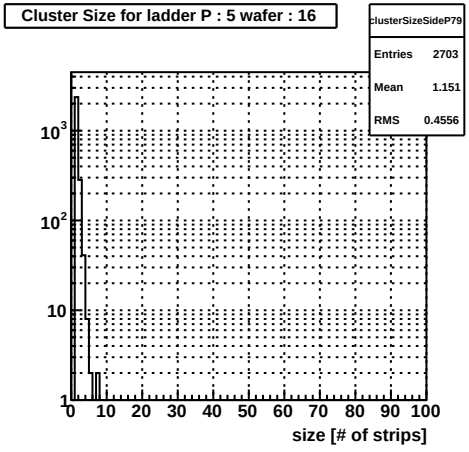

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6702
Mean 1.238
RMS 0.5756
size [# of strips]

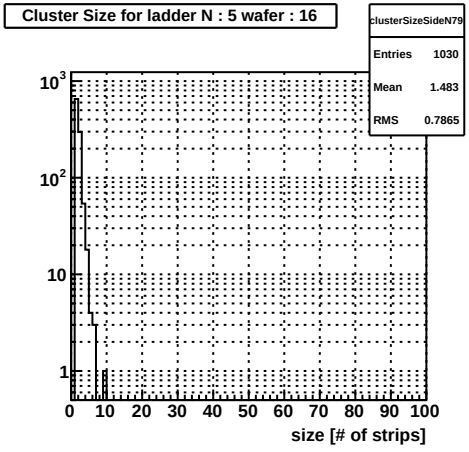

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3493
Mean 1.358
RMS 0.7311
size [# of strips]

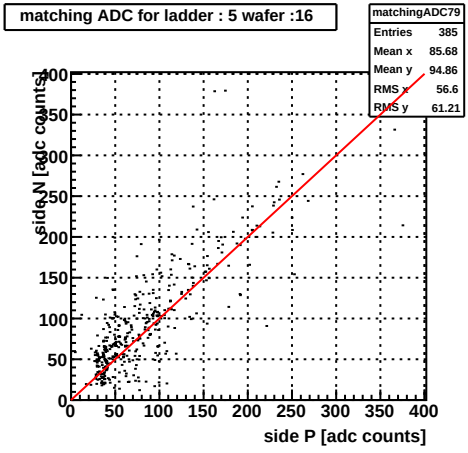

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1383
Mean x 83.96
Mean y 93.71
RMS x 62.11
RMS y 68.26
side N [adc counts]
side P [adc counts]

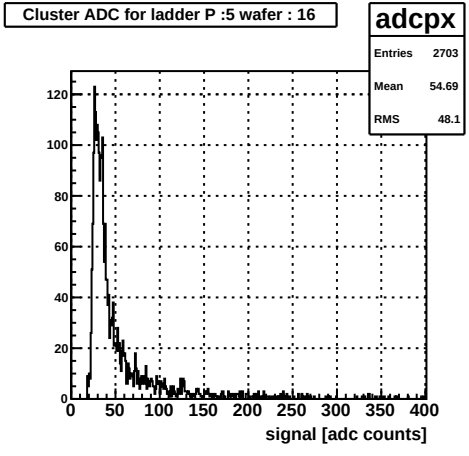

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6702
Mean 44.39
RMS 38.89
signal [adc counts]

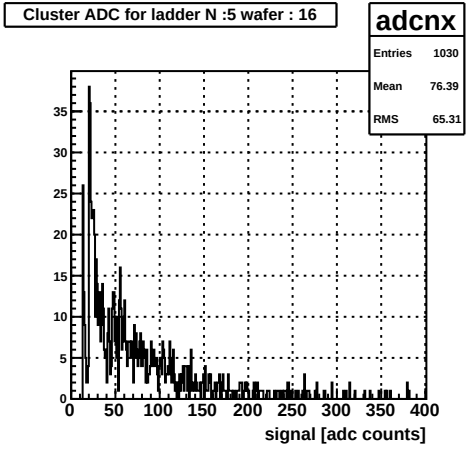

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3493
Mean 58.87
RMS 60.68
signal [adc counts]

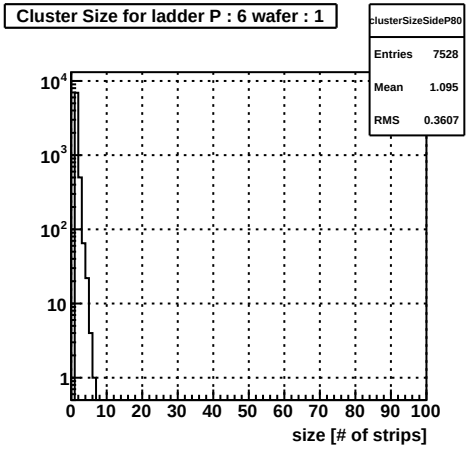

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2703
Mean 1.151
RMS 0.4556
size [# of strips]

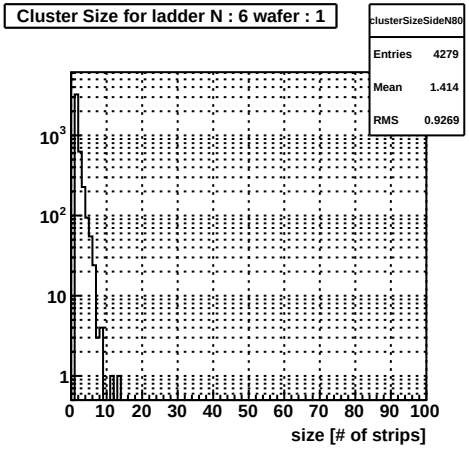

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1030
Mean 1.483
RMS 0.7865
size [# of strips]

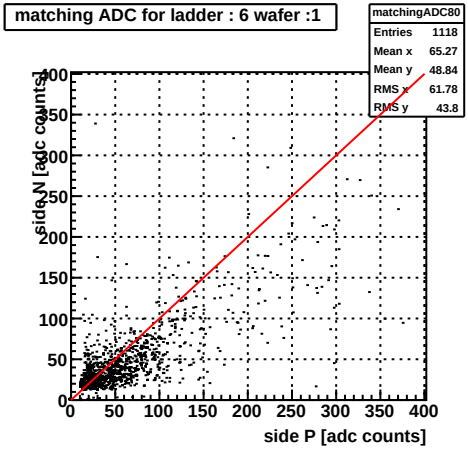

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 385
Mean x 85.68
Mean y 94.86
RMS x 56.6
RMS y 61.21
side N [adc counts]
side P [adc counts]

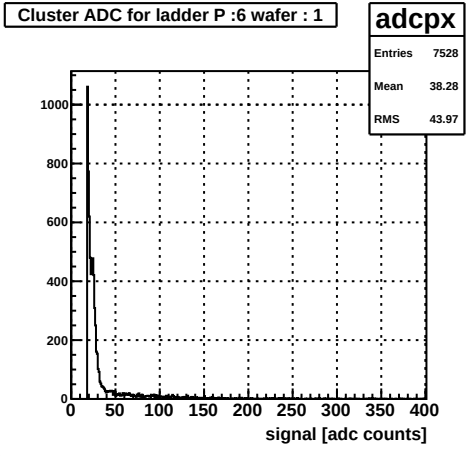

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2703
Mean 54.69
RMS 48.1
signal [adc counts]

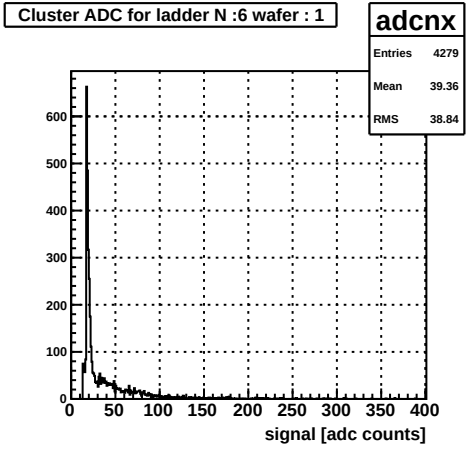

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1030
Mean 76.39
RMS 65.31
signal [adc counts]

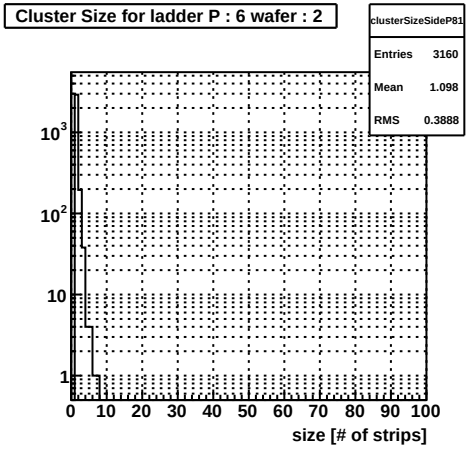

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7528
Mean 1.095
RMS 0.3607
size [# of strips]

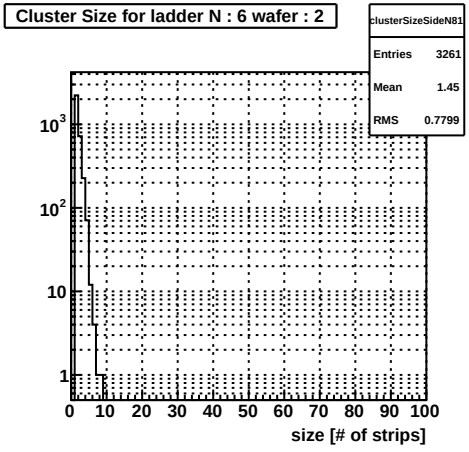

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4279
Mean 1.414
RMS 0.9269
size [# of strips]

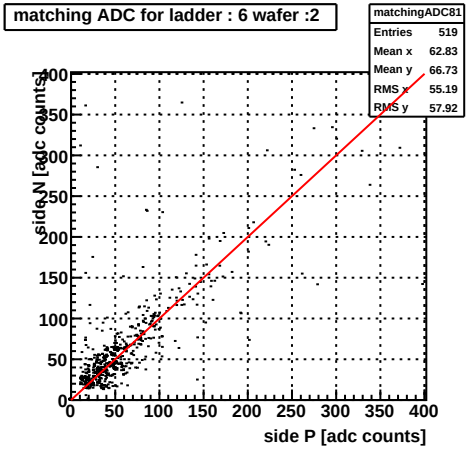

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1118
Mean x 65.27
Mean y 48.84
RMS x 61.78
RMS y 43.8
side N [adc counts]
side P [adc counts]

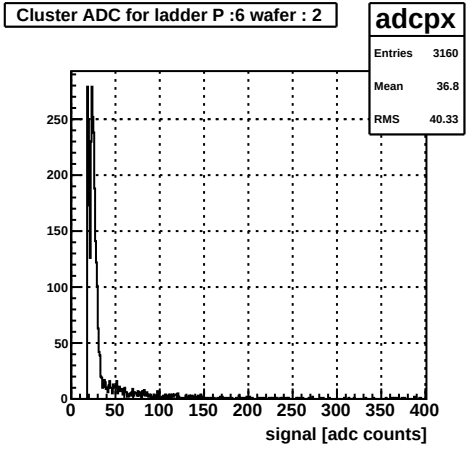

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7528
Mean 38.28
RMS 43.97
signal [adc counts]

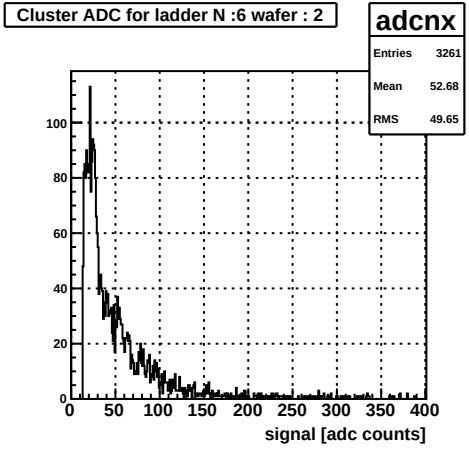

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4279
Mean 39.36
RMS 38.84
signal [adc counts]

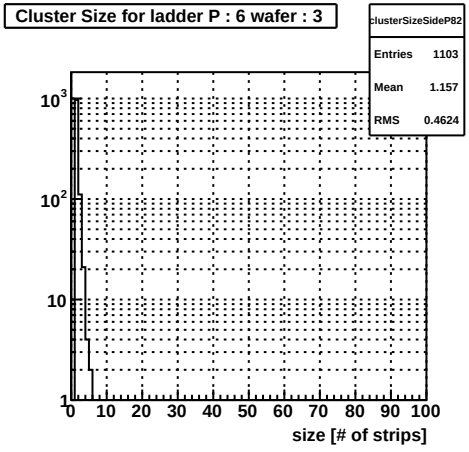

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3160
Mean 1.098
RMS 0.3888
size [# of strips]

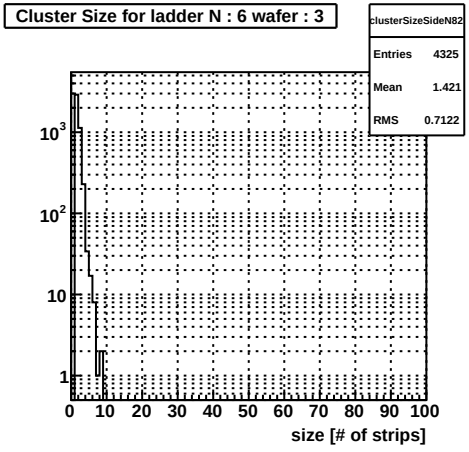

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3261
Mean 1.45
RMS 0.7799
size [# of strips]

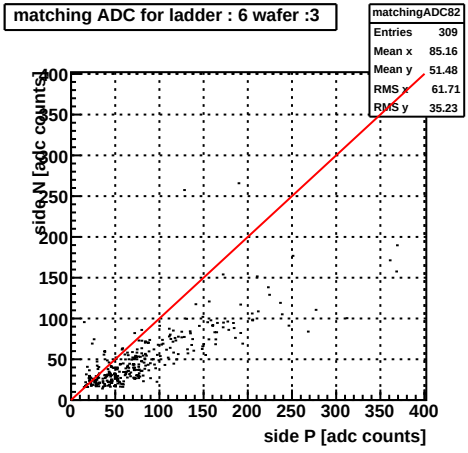

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 519
Mean x 62.83
Mean y 66.73
RMS x 55.19
RMS y 57.92
side N [adc counts]
side P [adc counts]

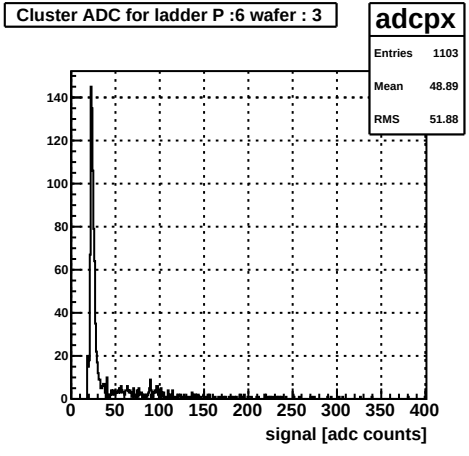

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3160
Mean 36.8
RMS 40.33
signal [adc counts]

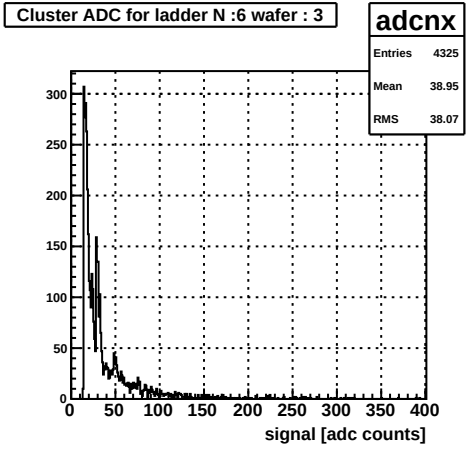

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3261
Mean 52.68
RMS 49.65
signal [adc counts]

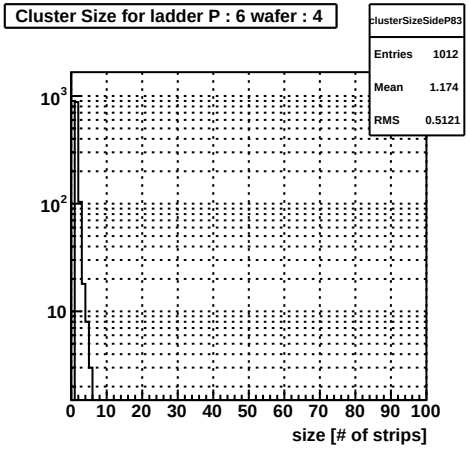

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1103
Mean 1.157
RMS 0.4624
size [# of strips]

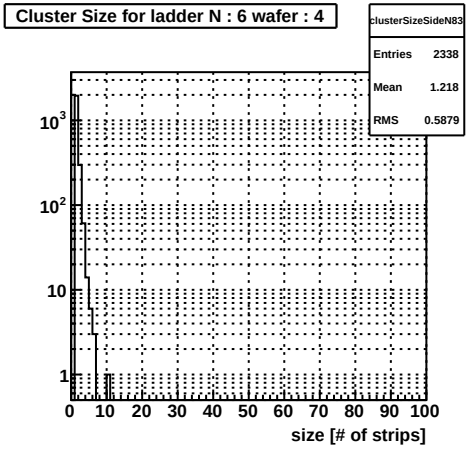

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4325
Mean 1.421
RMS 0.7122
size [# of strips]

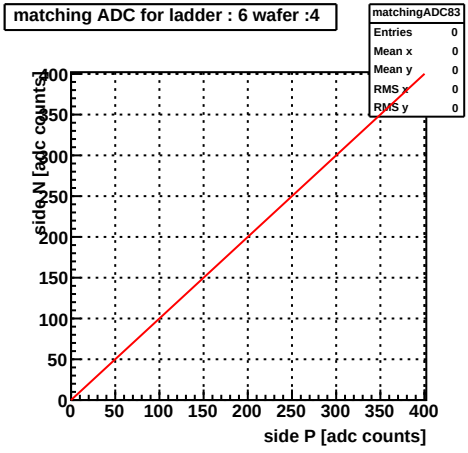

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 309
Mean x 85.16
Mean y 51.48
RMS x 61.71
RMS y 35.23
side N [adc counts]
side P [adc counts]

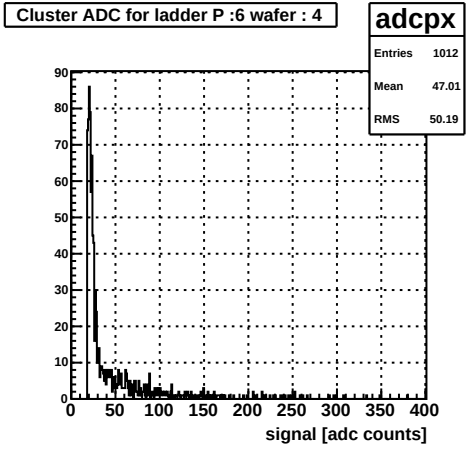

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1103
Mean 48.89
RMS 51.88
signal [adc counts]

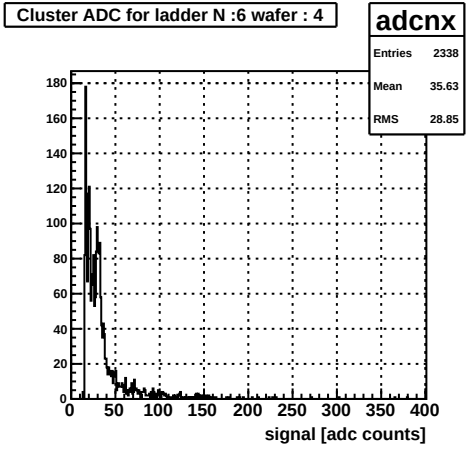

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4325
Mean 38.95
RMS 38.07
signal [adc counts]

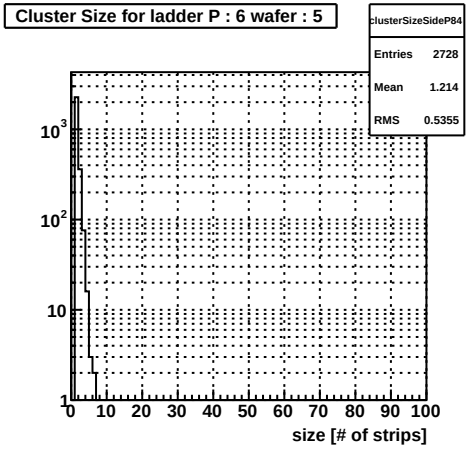

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1012
Mean 1.174
RMS 0.5121
size [# of strips]

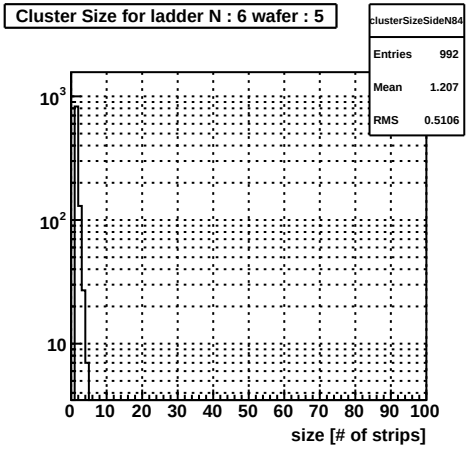

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2338
Mean 1.218
RMS 0.5879
size [# of strips]

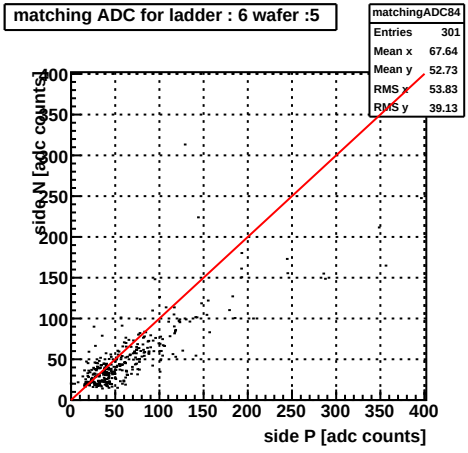

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

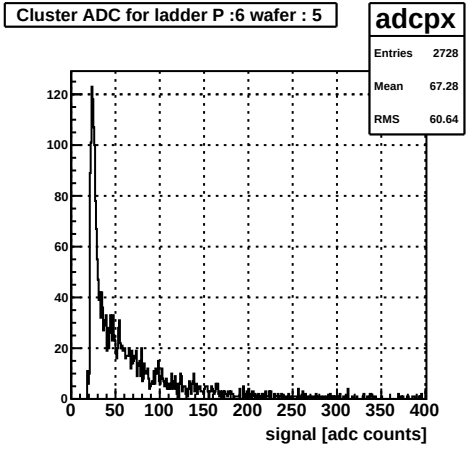

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1012
Mean 47.01
RMS 50.19
signal [adc counts]

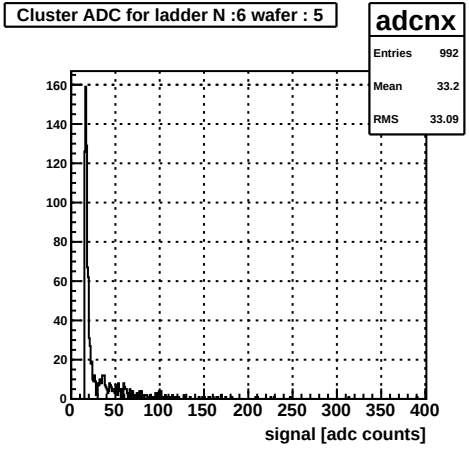

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2338
Mean 35.63
RMS 28.85
signal [adc counts]

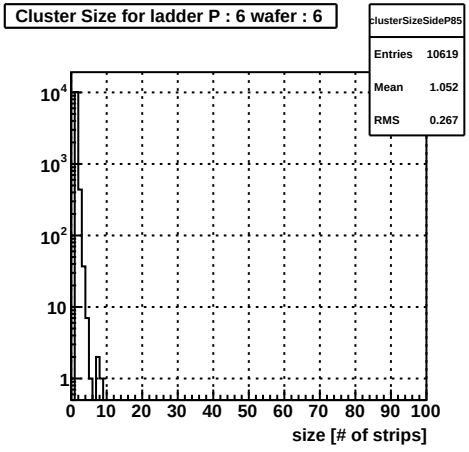

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2728
Mean 1.214
RMS 0.5355
size [# of strips]

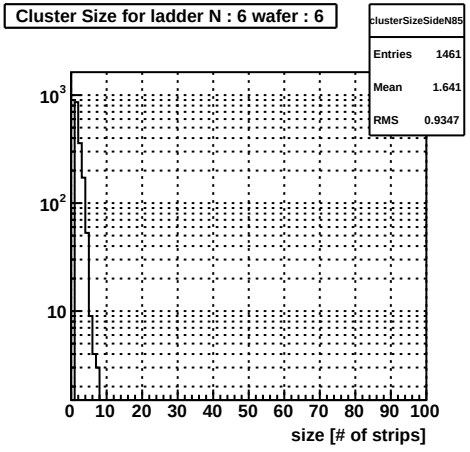

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 992
Mean 1.207
RMS 0.5106
size [# of strips]

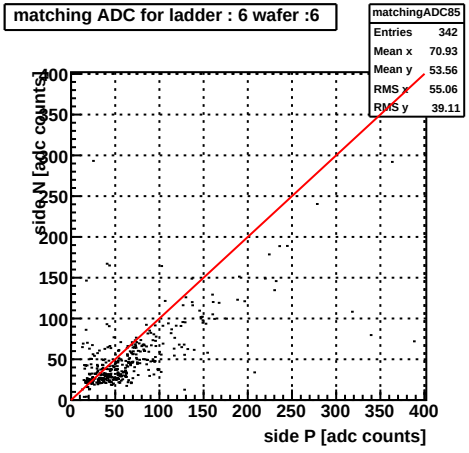

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 301
Mean x 67.64
Mean y 52.73
RMS x 53.83
RMS y 39.13
side N [adc counts]
side P [adc counts]

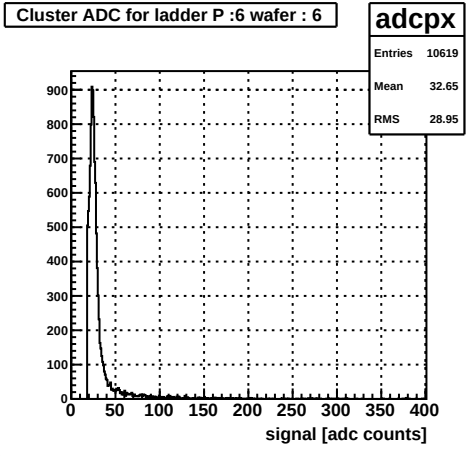

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2728
Mean 67.28
RMS 60.64
signal [adc counts]

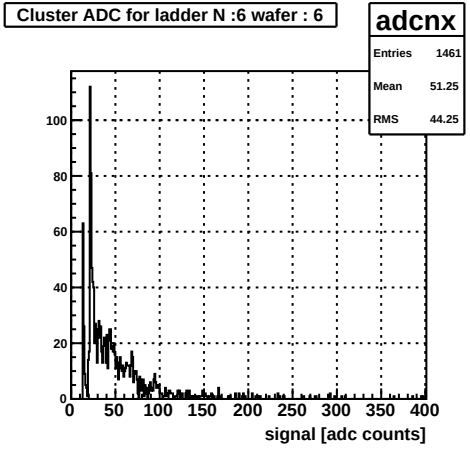

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 992
Mean 33.2
RMS 33.09
signal [adc counts]

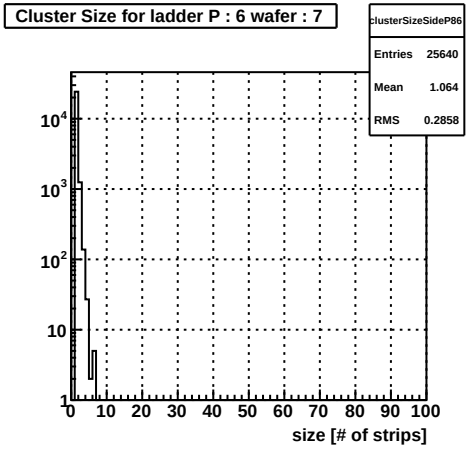

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10619
Mean 1.052
RMS 0.267
size [# of strips]

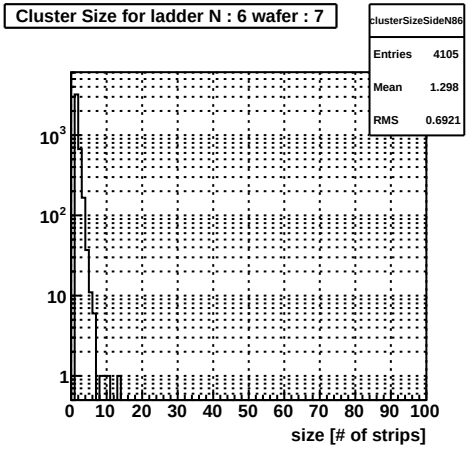

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1461
Mean 1.641
RMS 0.9347
size [# of strips]

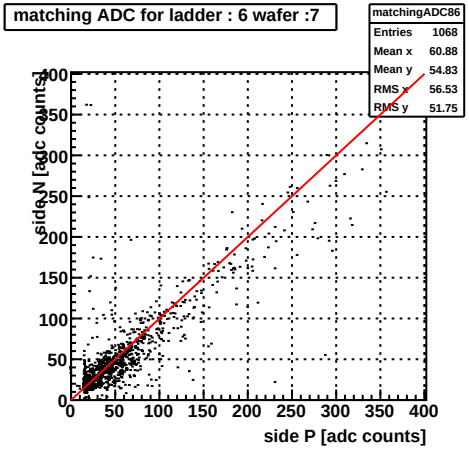

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 342
Mean x 70.93
Mean y 53.56
RMS x 55.06
RMS y 39.11
side N [adc counts]
side P [adc counts]

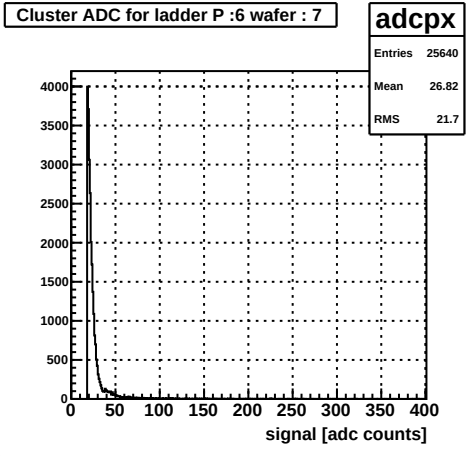

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10619
Mean 32.65
RMS 28.95
signal [adc counts]

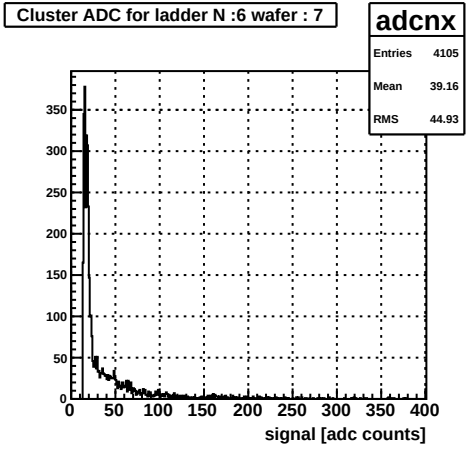

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1461
Mean 51.25
RMS 44.25
signal [adc counts]

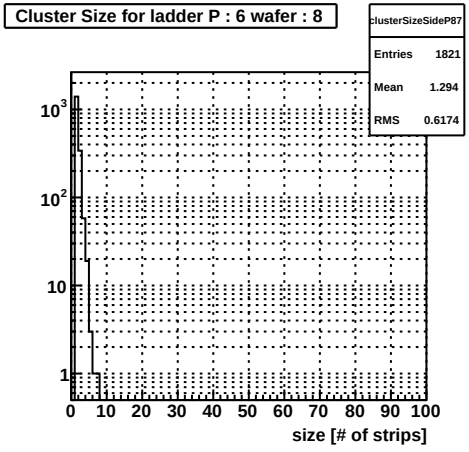

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25640
Mean 1.064
RMS 0.2858
size [# of strips]

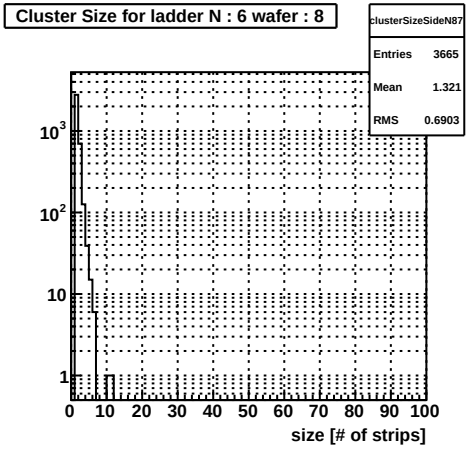

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4105
Mean 1.298
RMS 0.6921
size [# of strips]

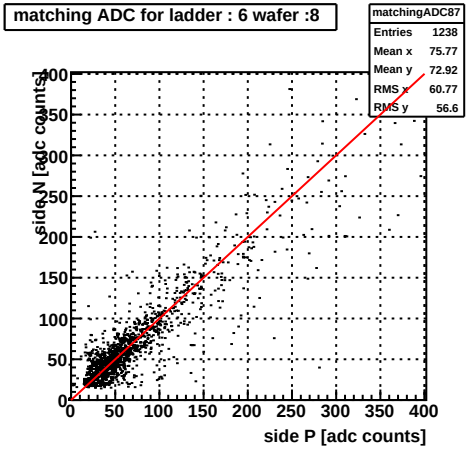

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1068
Mean x 60.88
Mean y 54.83
RMS x 56.53
RMS y 51.75
side N [adc counts]
side P [adc counts]

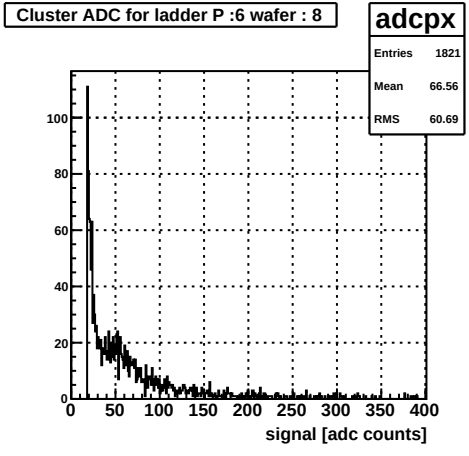

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25640
Mean 26.82
RMS 21.7
signal [adc counts]

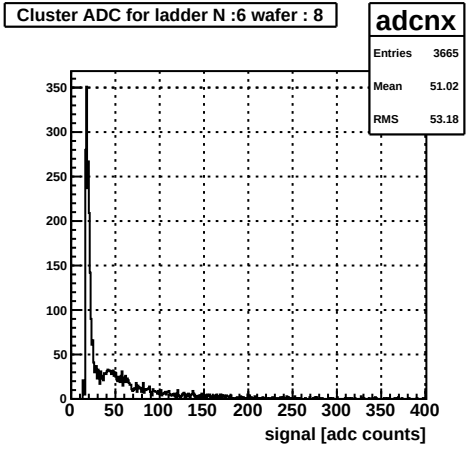

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4105
Mean 39.16
RMS 44.93
signal [adc counts]

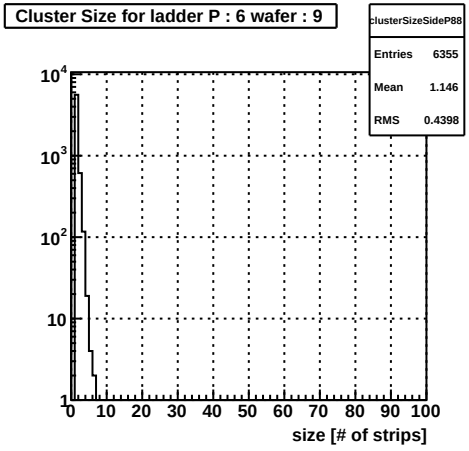

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1821
Mean 1.294
RMS 0.6174
size [# of strips]

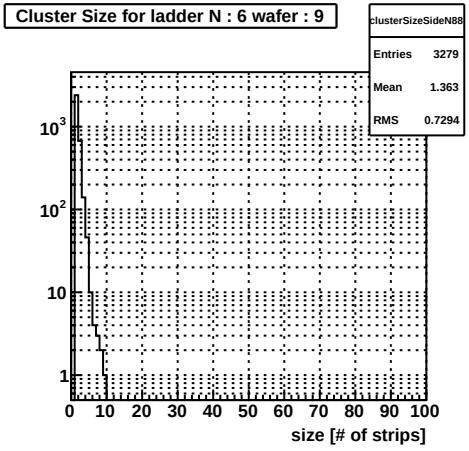

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 3665
Mean 1.321
RMS 0.6903
size [# of strips]

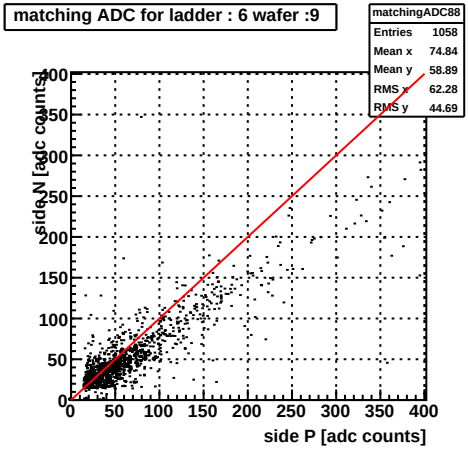

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1238
Mean x 75.77
Mean y 72.92
RMS x 60.77
RMS y 56.6
side N [adc counts]
side P [adc counts]

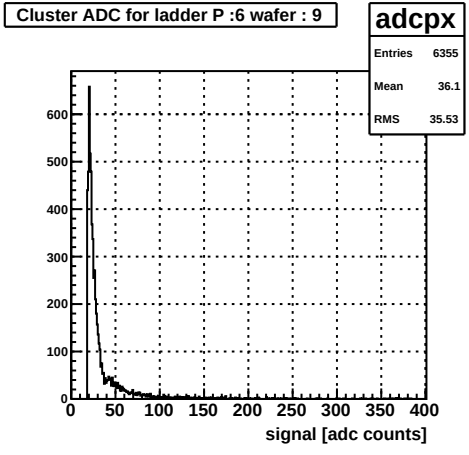

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1821
Mean 66.56
RMS 60.69
signal [adc counts]

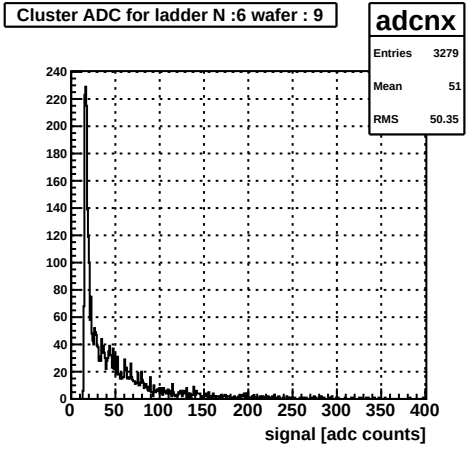

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 3665
Mean 51.02
RMS 53.18
signal [adc counts]

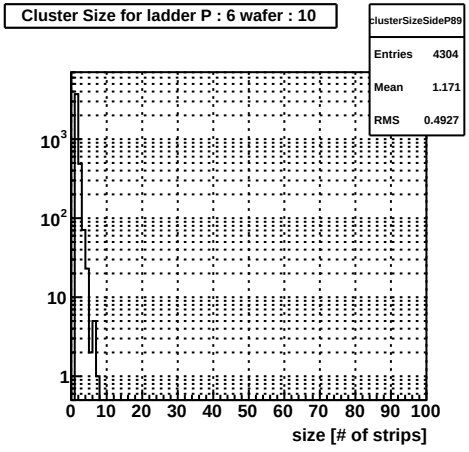

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6355
Mean 1.146
RMS 0.4398
size [# of strips]

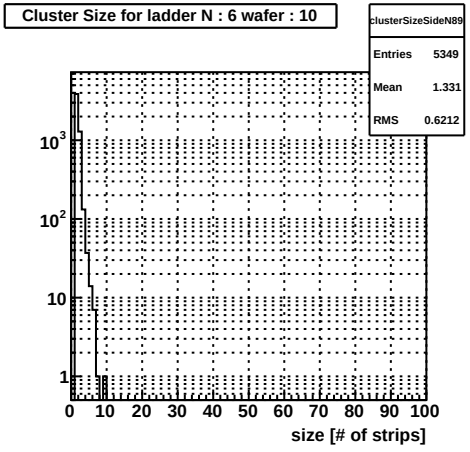

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3279
Mean 1.363
RMS 0.7294
size [# of strips]

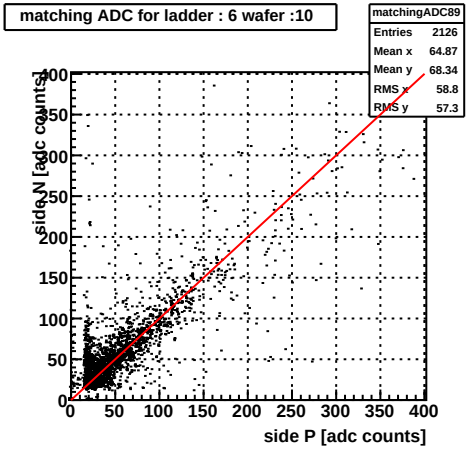

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1058
Mean x 74.84
Mean y 58.89
RMS x 62.28
RMS y 44.69
side N [adc counts]
side P [adc counts]

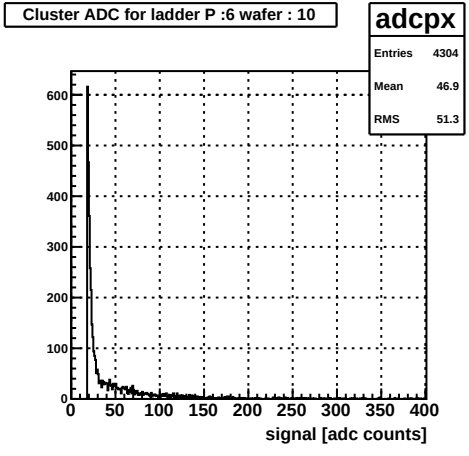

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6355
Mean 36.1
RMS 35.53
signal [adc counts]

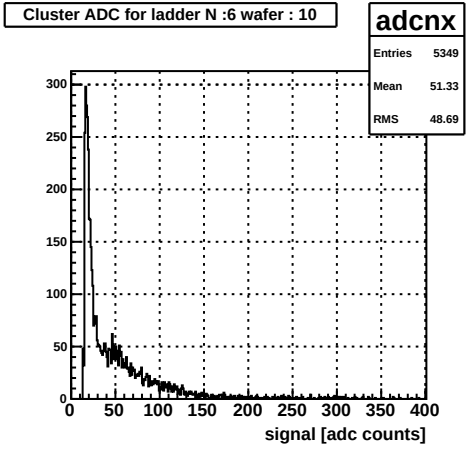

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3279
Mean 51
RMS 50.35
signal [adc counts]

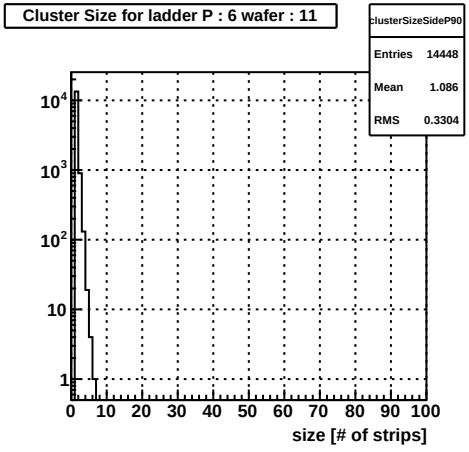

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4304
Mean 1.171
RMS 0.4927
size [# of strips]

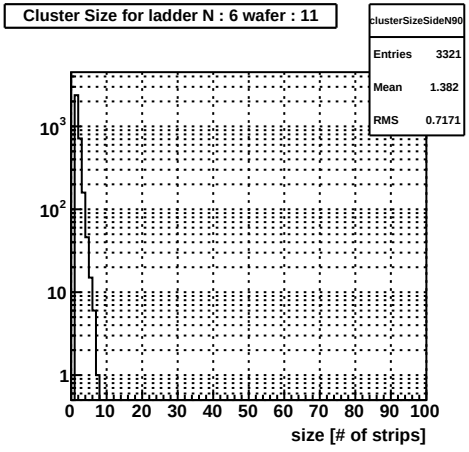

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5349
Mean 1.331
RMS 0.6212
size [# of strips]

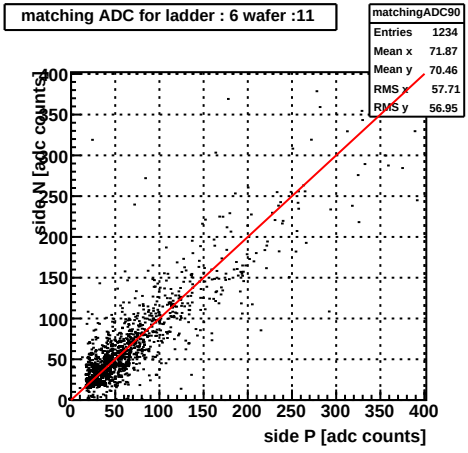

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2126
Mean x 64.87
Mean y 68.34
RMS x 58.8
RMS y 57.3
side N [adc counts]
side P [adc counts]

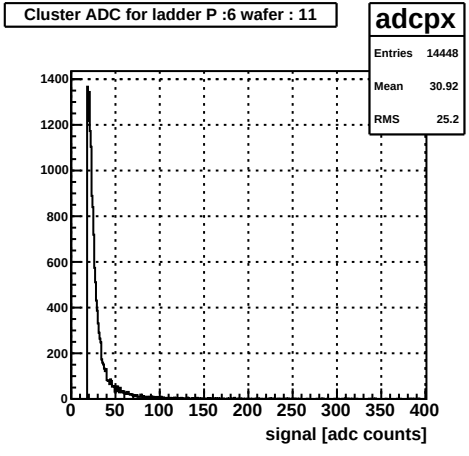

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4304
Mean 46.9
RMS 51.3
signal [adc counts]

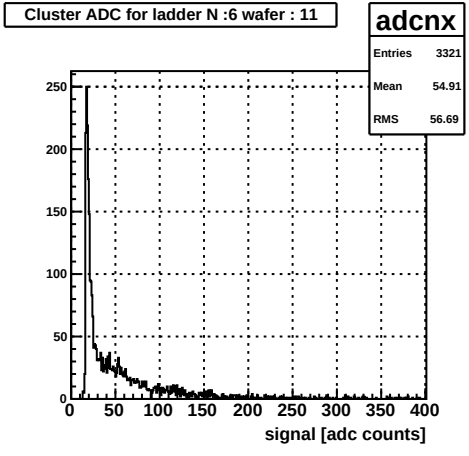

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5349
Mean 51.33
RMS 48.69
signal [adc counts]

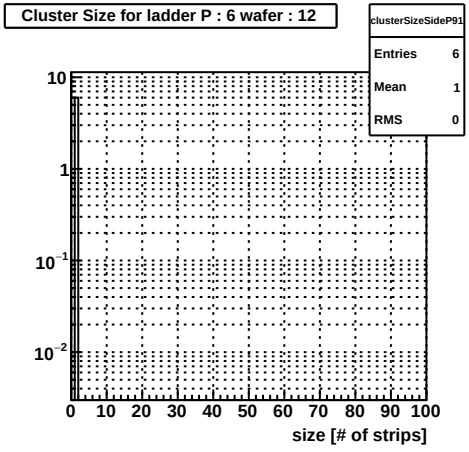

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14448
Mean 1.086
RMS 0.3304
size [# of strips]

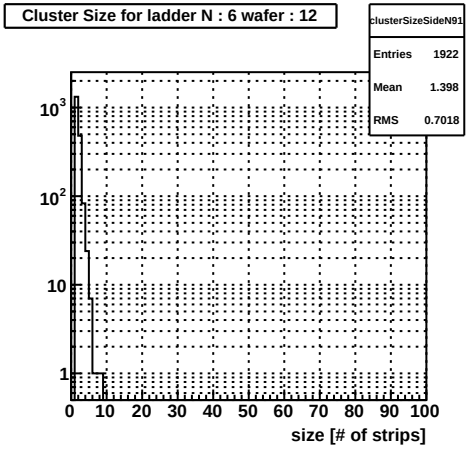

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3321
Mean 1.382
RMS 0.7171
size [# of strips]

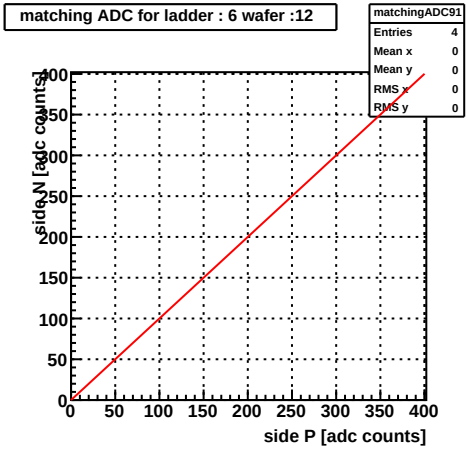

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1234
Mean x 71.87
Mean y 70.46
RMS x 57.71
RMS y 56.95
side N [adc counts]
side P [adc counts]

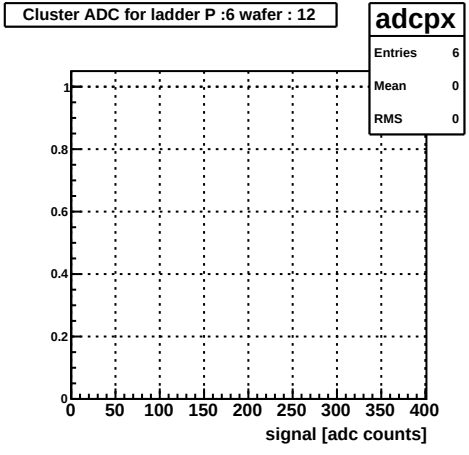

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14448
Mean 30.92
RMS 25.2
signal [adc counts]

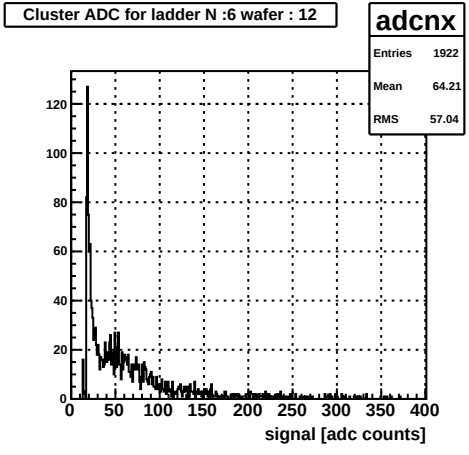

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3321
Mean 54.91
RMS 56.69
signal [adc counts]

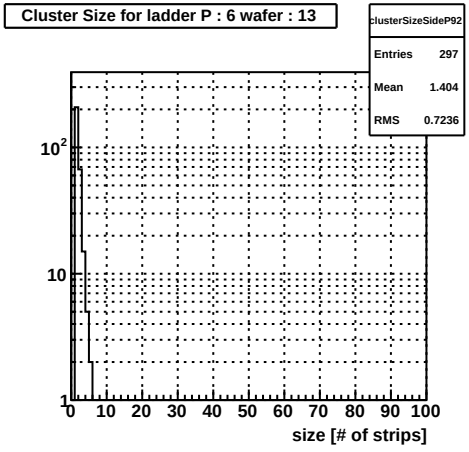

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 6
Mean 1
RMS 0
size [# of strips]

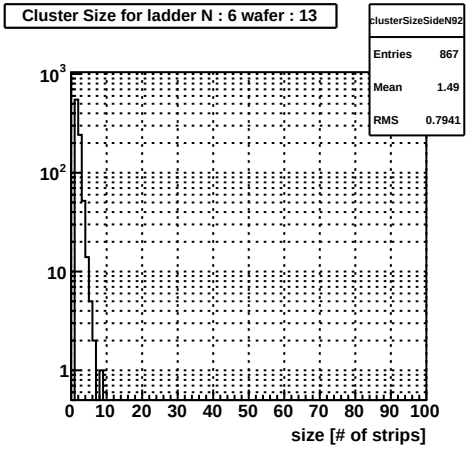

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1922
Mean 1.398
RMS 0.7018
size [# of strips]

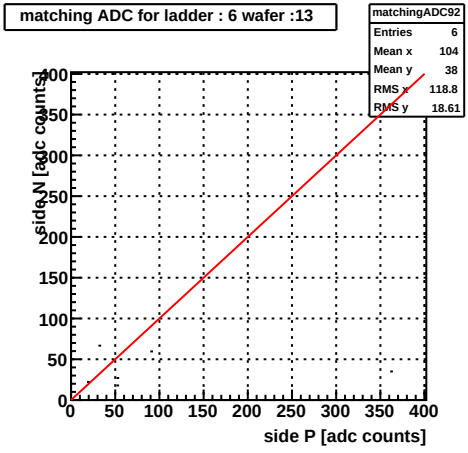

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

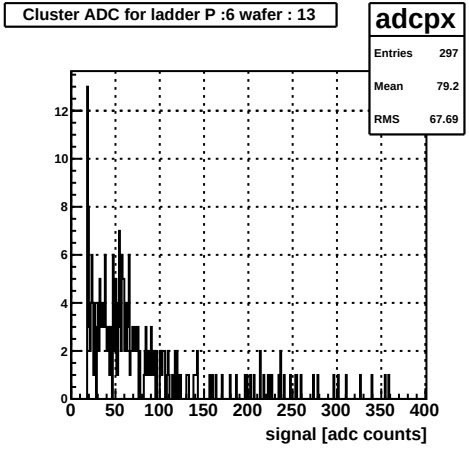

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

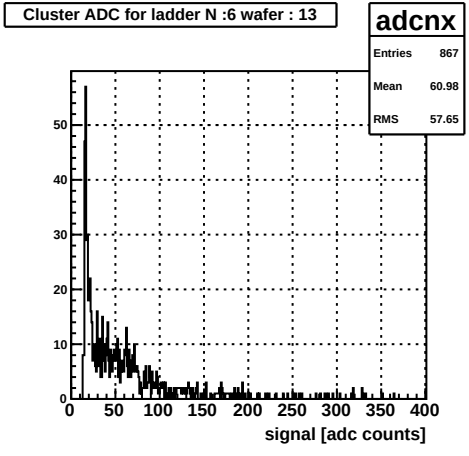

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1922
Mean 64.21
RMS 57.04
signal [adc counts]

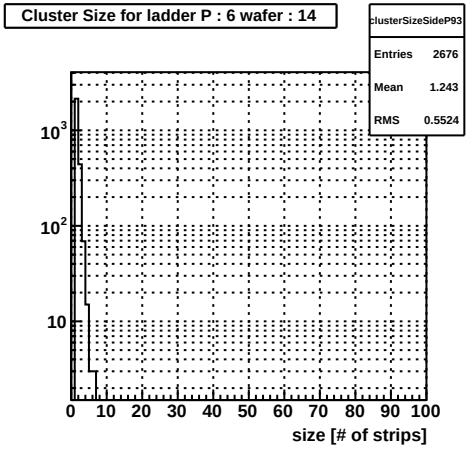

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 297
Mean 1.404
RMS 0.7236
size [# of strips]

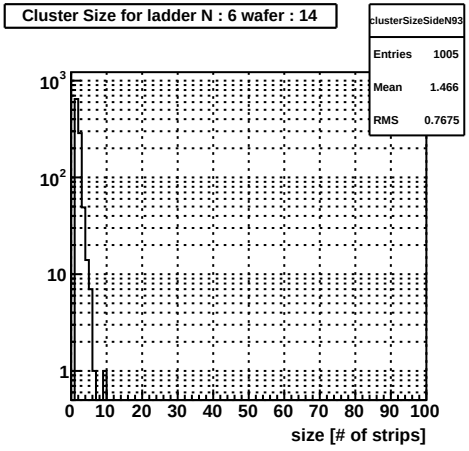

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 867
Mean 1.49
RMS 0.7941
size [# of strips]

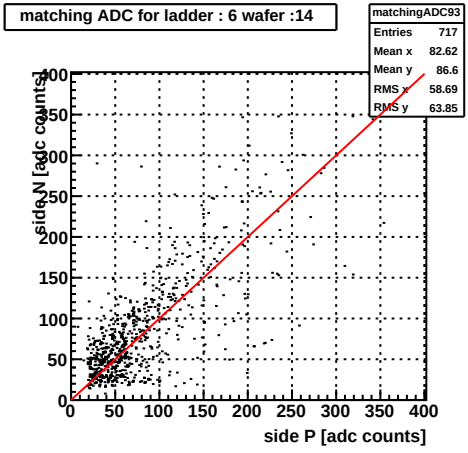

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 6
Mean x 104
Mean y 38
RMS x 118.8
RMS y 18.61
side N [adc counts]
side P [adc counts]

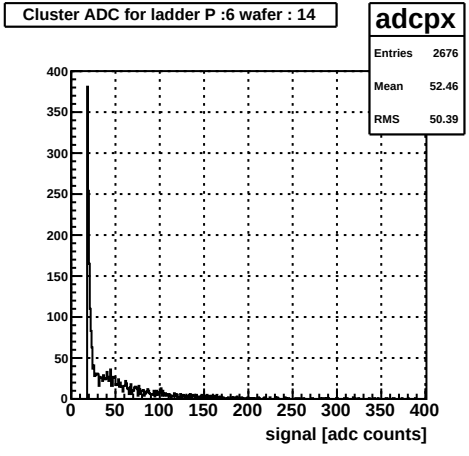

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 297
Mean 79.2
RMS 67.69
signal [adc counts]

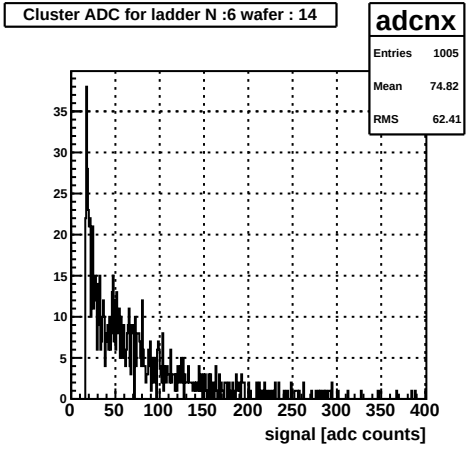

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 867
Mean 60.98
RMS 57.65
signal [adc counts]

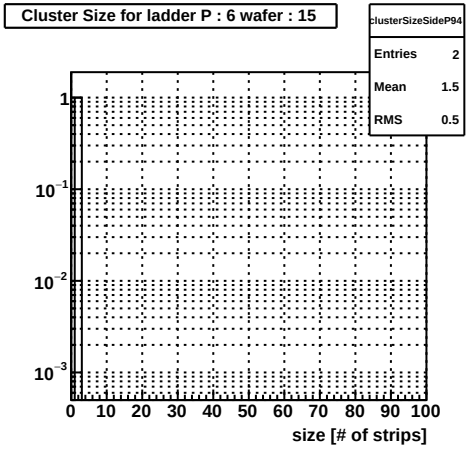

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2676
Mean 1.243
RMS 0.5524
size [# of strips]

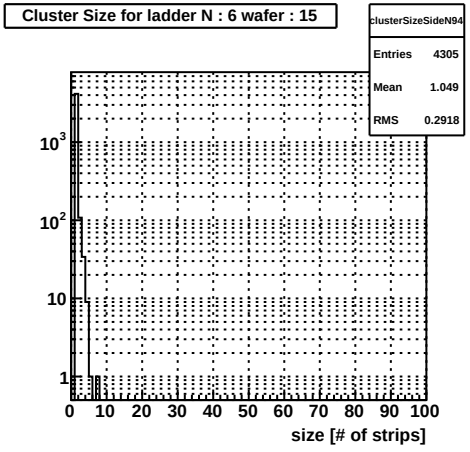

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1005
Mean 1.466
RMS 0.7675
size [# of strips]

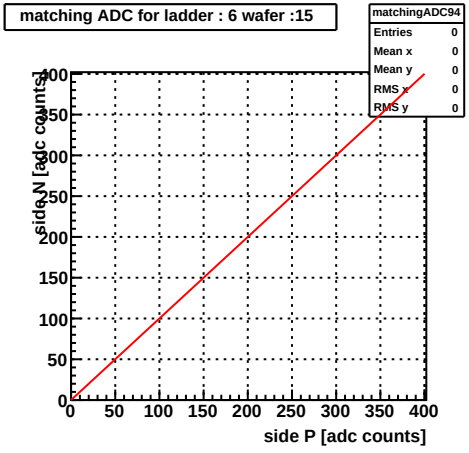

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 717
Mean x 82.62
Mean y 86.6
RMS x 58.69
RMS y 63.85
side N [adc counts]
side P [adc counts]

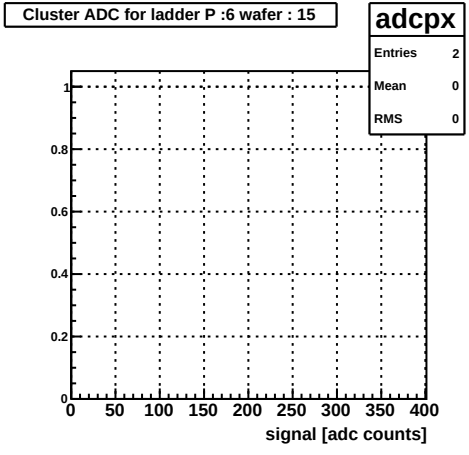

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2676
Mean 52.46
RMS 50.39
signal [adc counts]

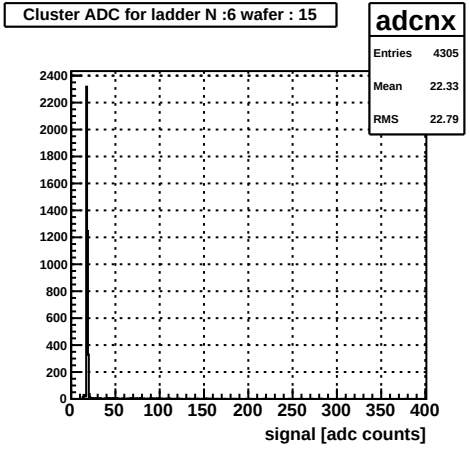

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1005
Mean 74.82
RMS 62.41
signal [adc counts]

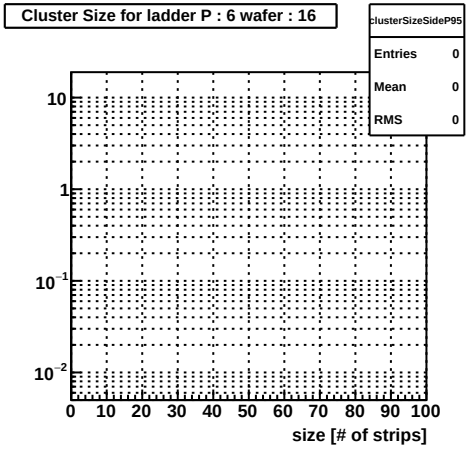

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

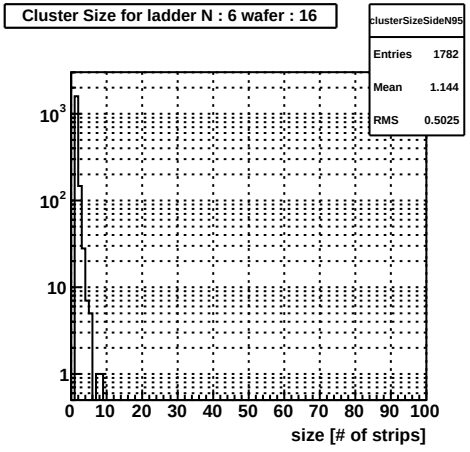

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4305
Mean 1.049
RMS 0.2918
size [# of strips]

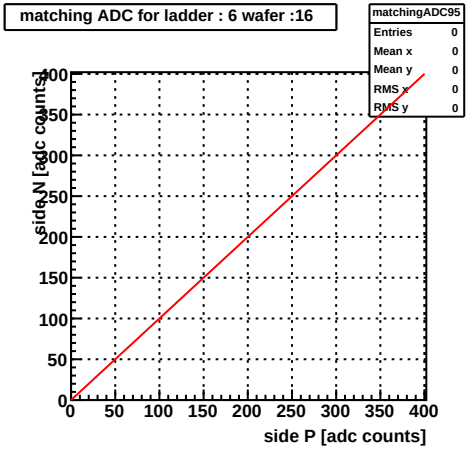

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

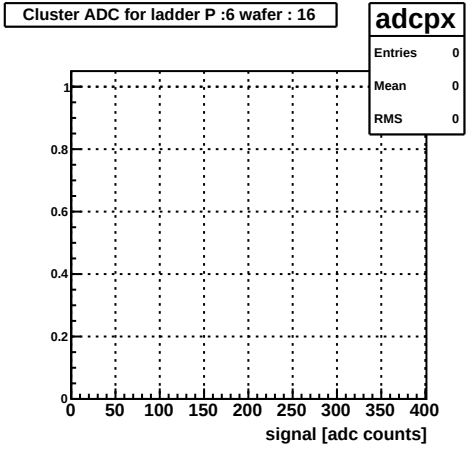

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

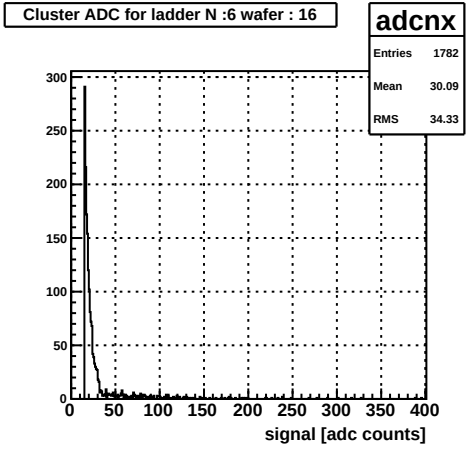

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4305
Mean 22.33
RMS 22.79
signal [adc counts]

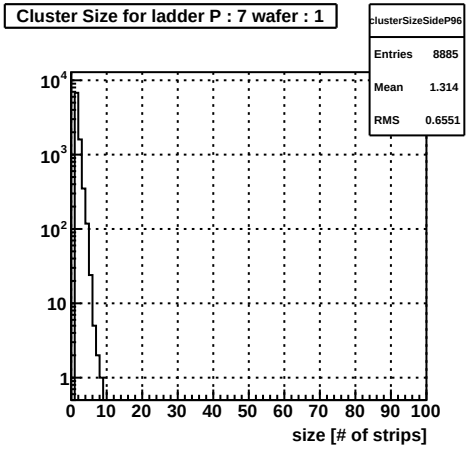

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

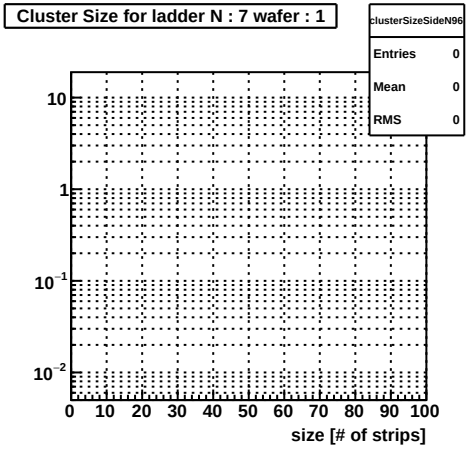

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1782
Mean 1.144
RMS 0.5025
size [# of strips]

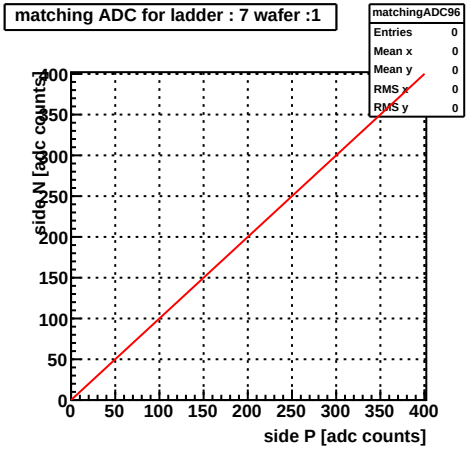

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

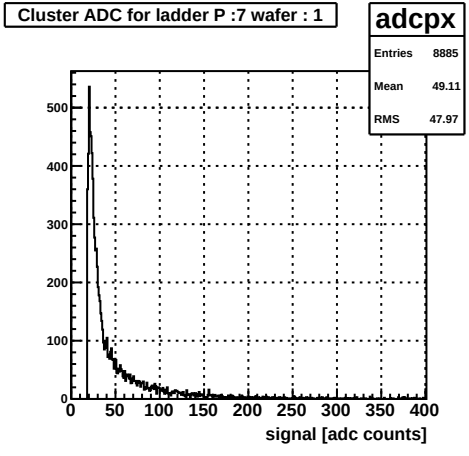

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

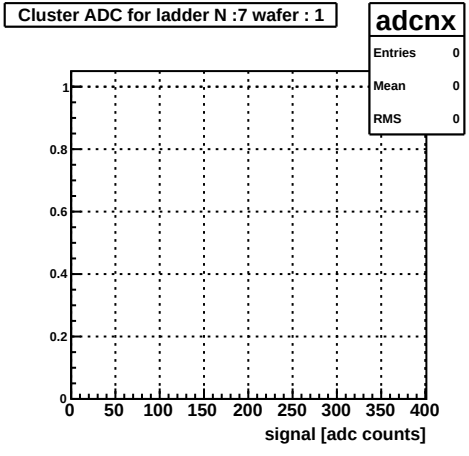

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1782
Mean 30.09
RMS 34.33
signal [adc counts]

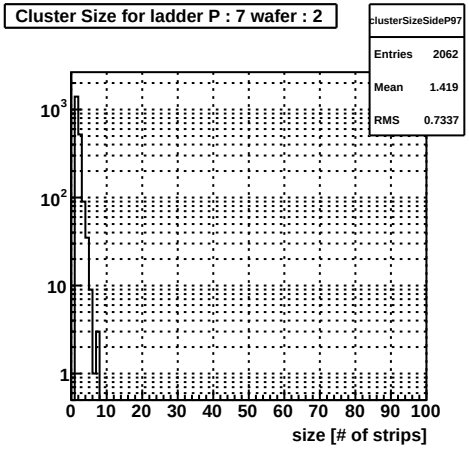

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8885
Mean 1.314
RMS 0.6551
size [# of strips]

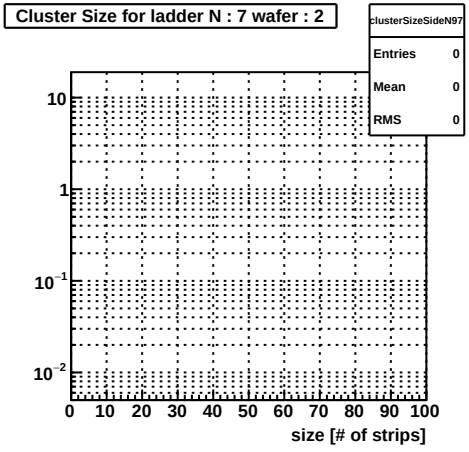

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

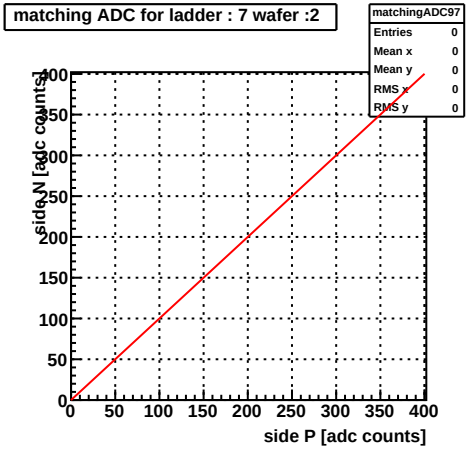

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

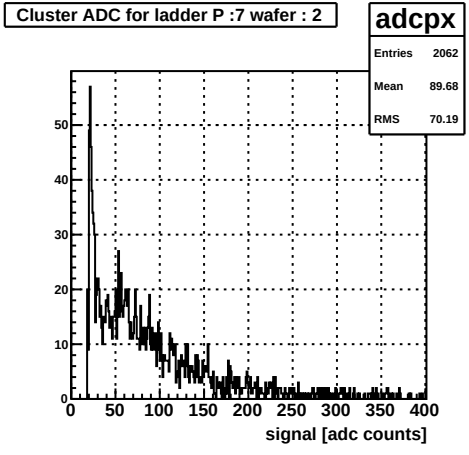

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8885
Mean 49.11
RMS 47.97
signal [adc counts]

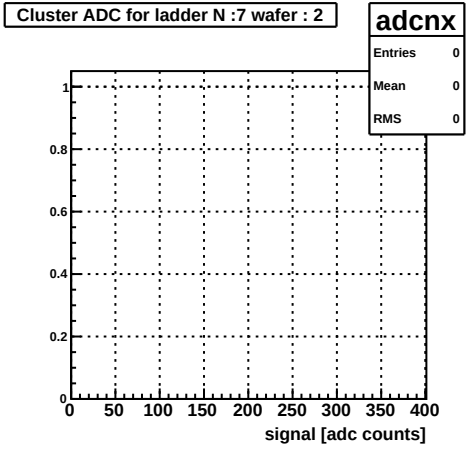

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

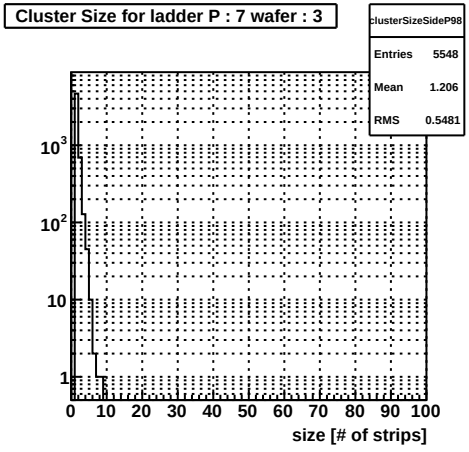

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2062
Mean 1.419
RMS 0.7337
size [# of strips]

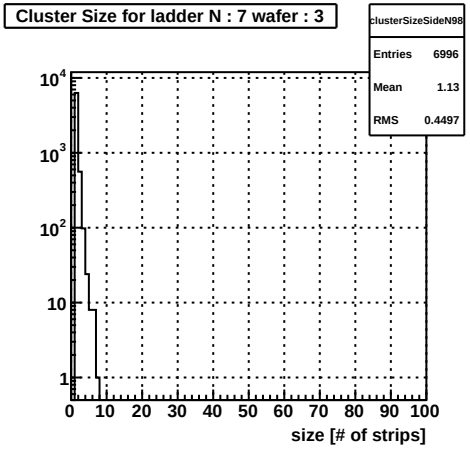

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

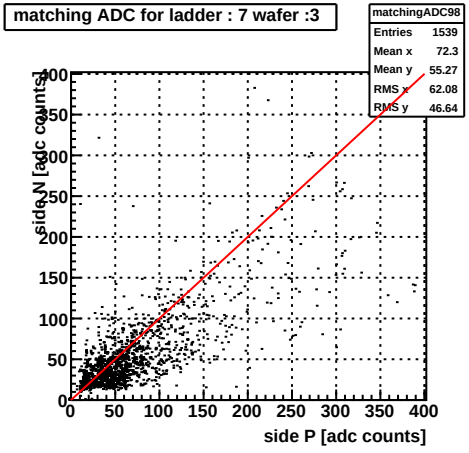

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

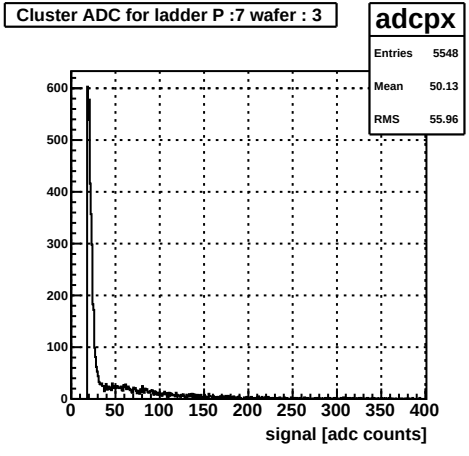

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2062
Mean 89.68
RMS 70.19
signal [adc counts]

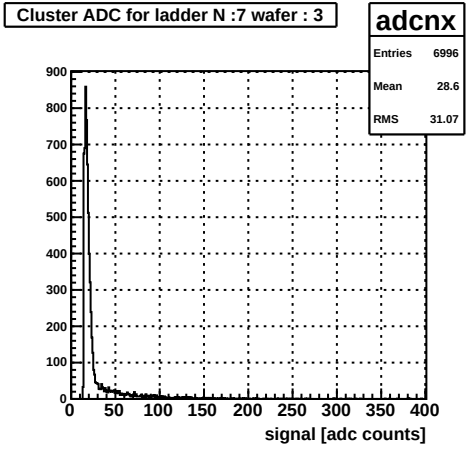

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

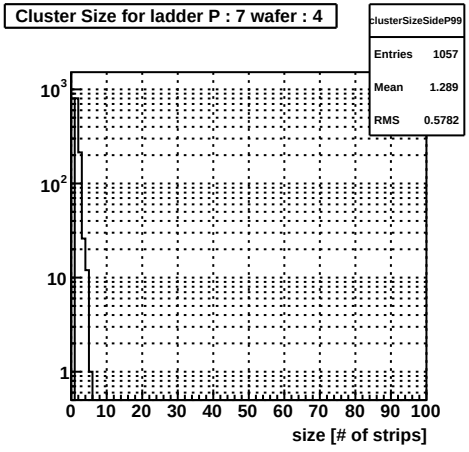

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5548
Mean 1.206
RMS 0.5481
size [# of strips]

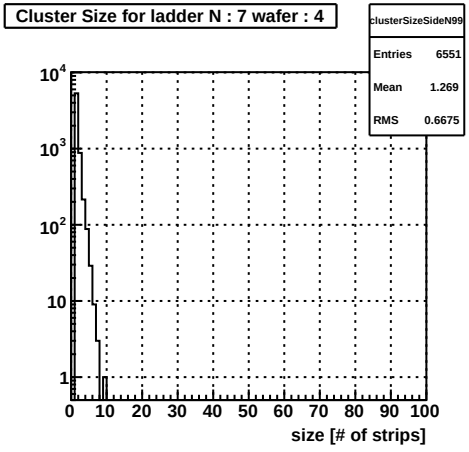

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6996
Mean 1.13
RMS 0.4497
size [# of strips]

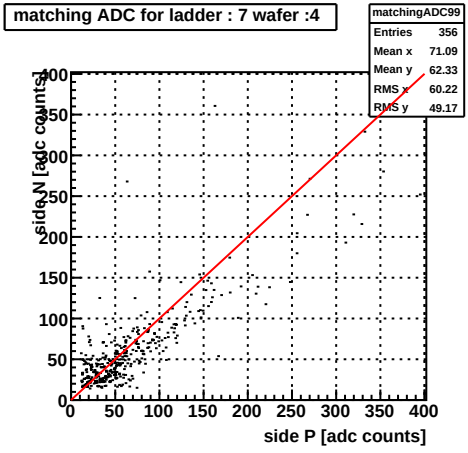

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1539
Mean x 72.3
Mean y 55.27
RMS x 62.08
RMS y 46.64
side N [adc counts]
side P [adc counts]

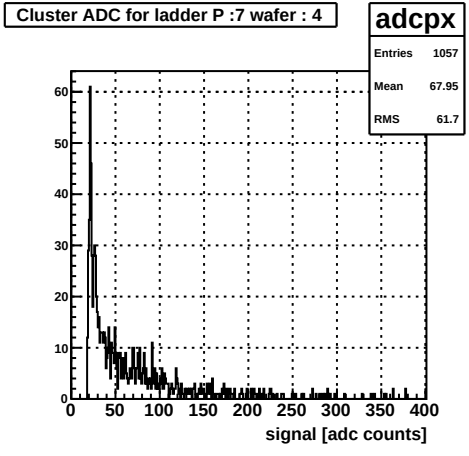

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5548
Mean 50.13
RMS 55.96
signal [adc counts]

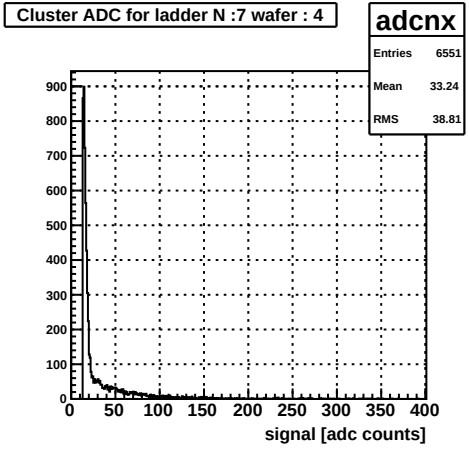

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6996
Mean 28.6
RMS 31.07
signal [adc counts]

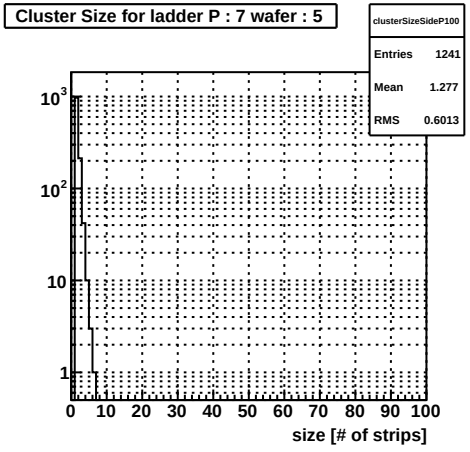

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1057
Mean 1.289
RMS 0.5782
size [# of strips]

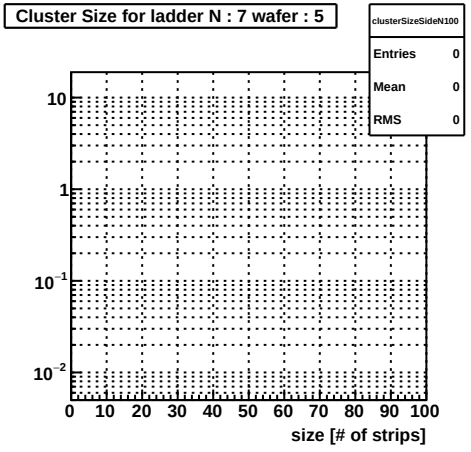

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6551
Mean 1.269
RMS 0.6675
size [# of strips]

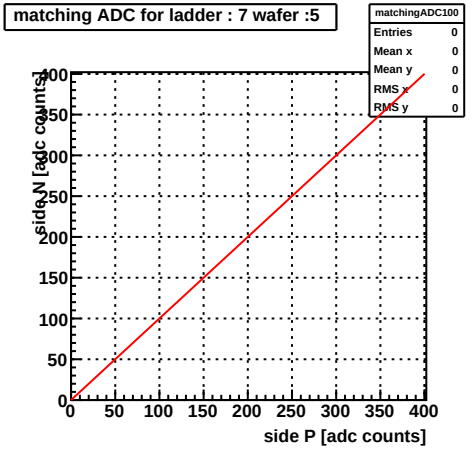

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 356
Mean x 71.09
Mean y 62.33
RMS x 60.22
RMS y 49.17
side N [adc counts]
side P [adc counts]

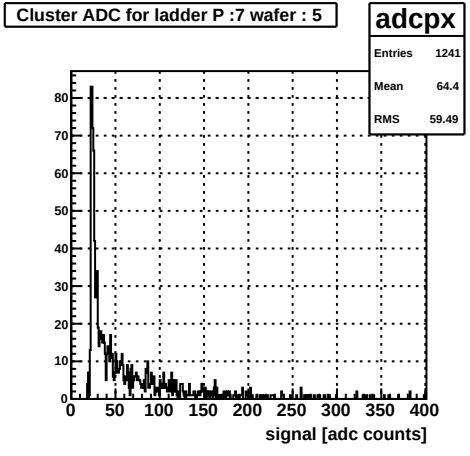

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1057
Mean 67.95
RMS 61.7
signal [adc counts]

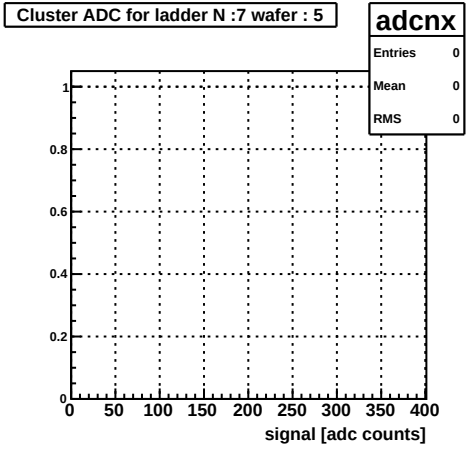

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6551
Mean 33.24
RMS 38.81
signal [adc counts]

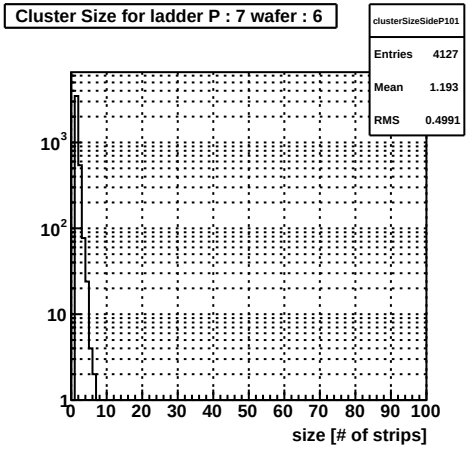

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1241
Mean 1.277
RMS 0.6013
size [# of strips]

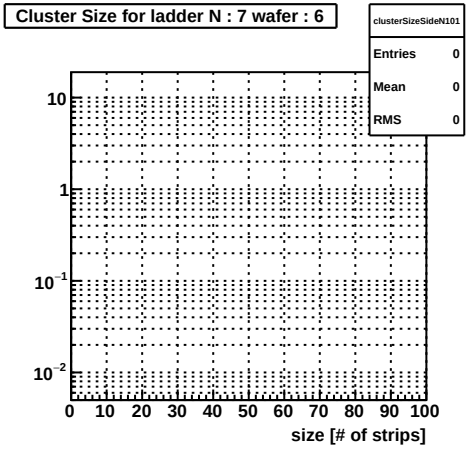

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

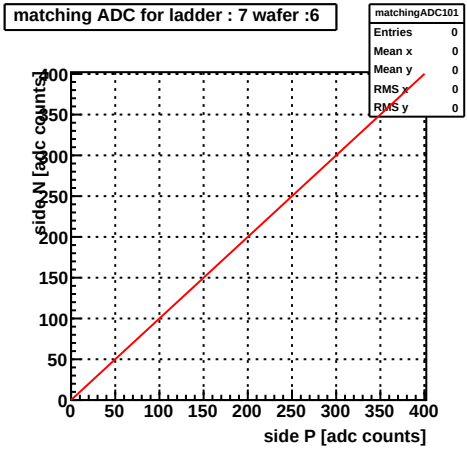

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

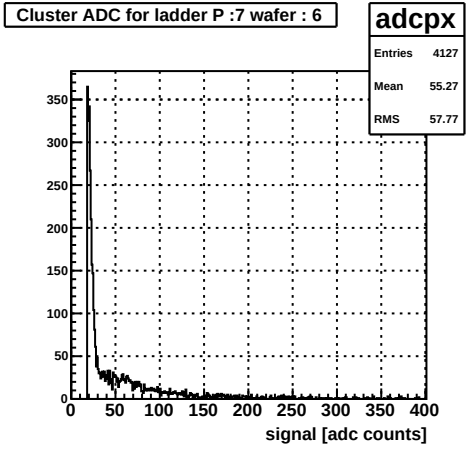

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1241
Mean 64.4
RMS 59.49
signal [adc counts]

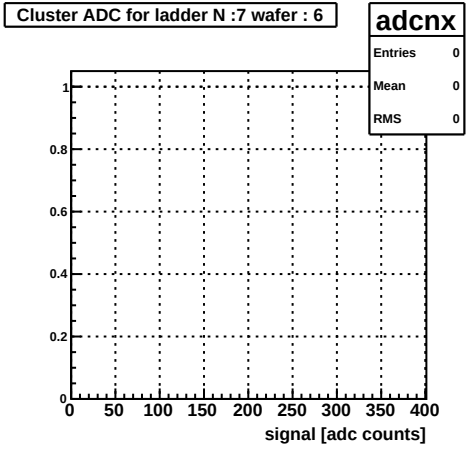

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

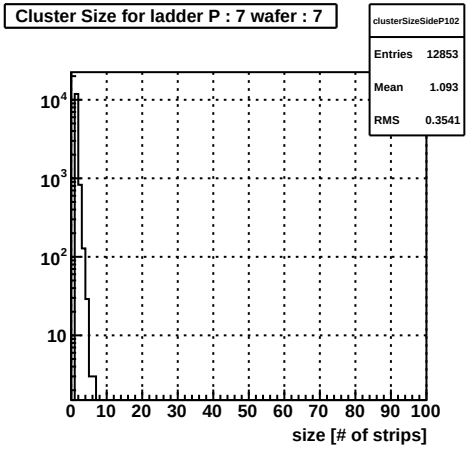

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4127
Mean 1.193
RMS 0.4991
size [# of strips]

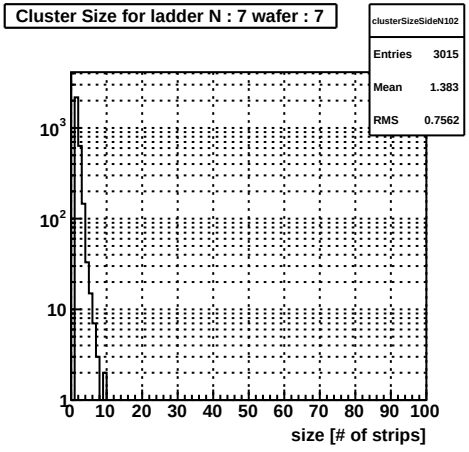

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

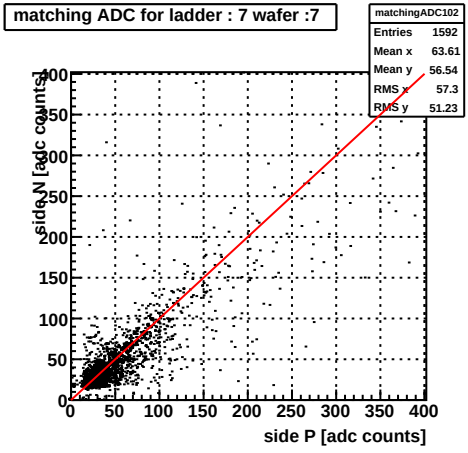

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

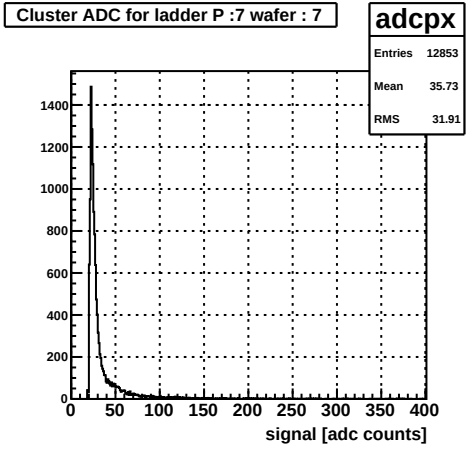

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4127
Mean 55.27
RMS 57.77
signal [adc counts]

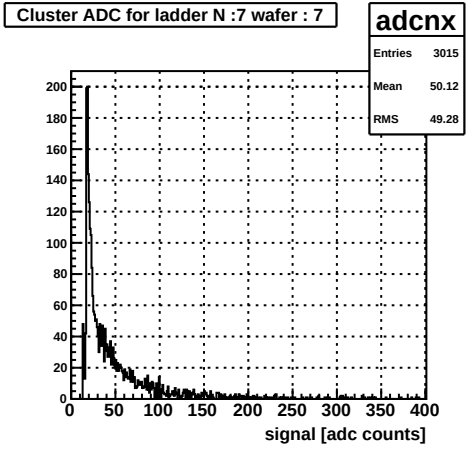

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

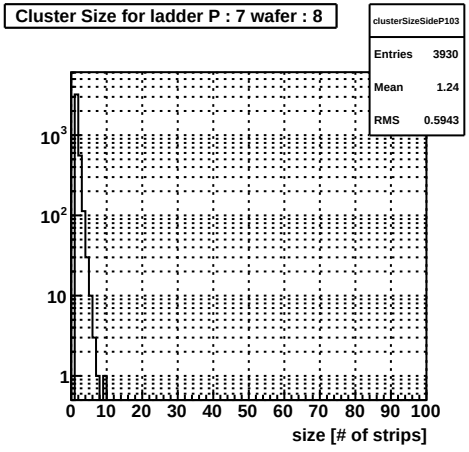

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12853
Mean 1.093
RMS 0.3541
size [# of strips]

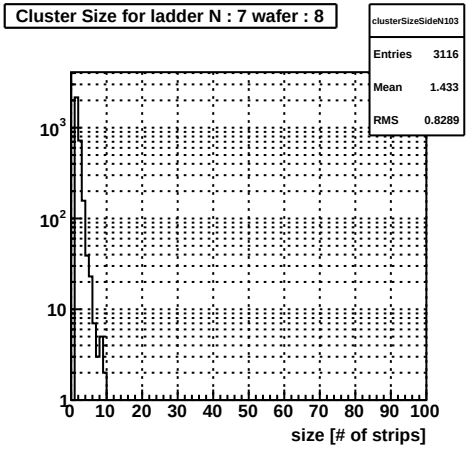

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3015
Mean 1.383
RMS 0.7562
size [# of strips]

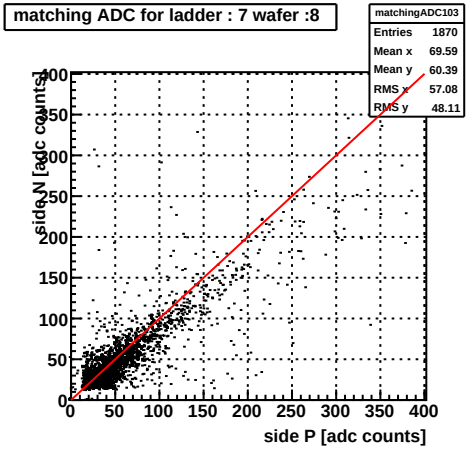

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1592
Mean x 63.61
Mean y 56.54
RMS x 57.3
RMS y 51.23
side N [adc counts]
side P [adc counts]

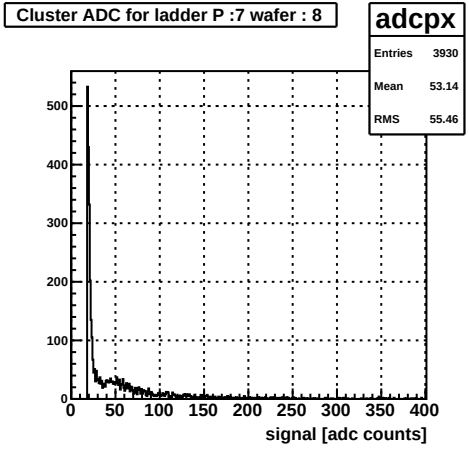

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12853
Mean 35.73
RMS 31.91
signal [adc counts]

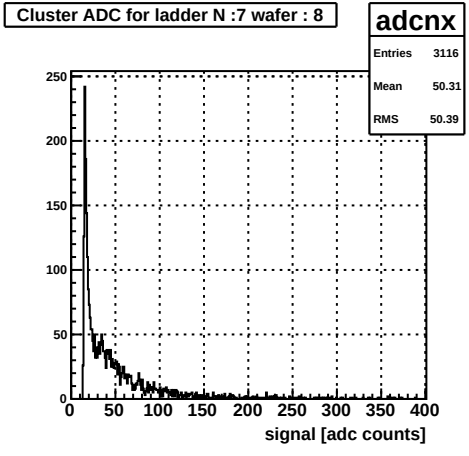

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3015
Mean 50.12
RMS 49.28
signal [adc counts]

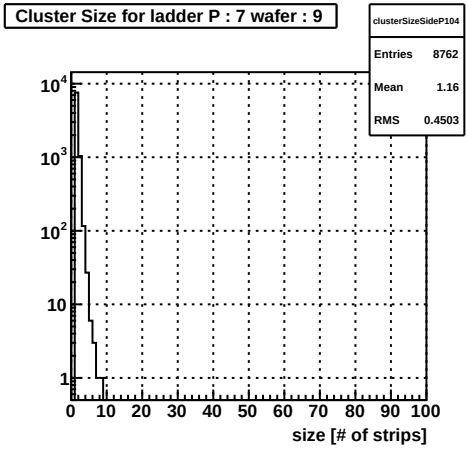

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3930
Mean 1.24
RMS 0.5943
size [# of strips]

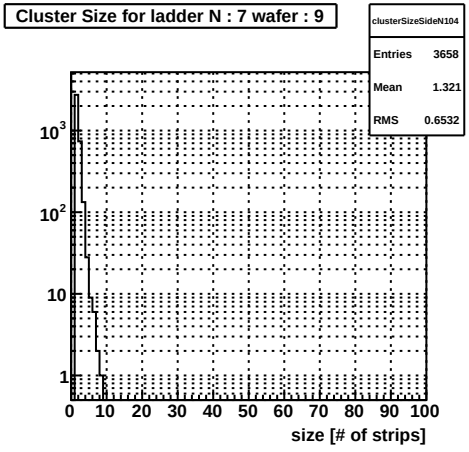

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3116
Mean 1.433
RMS 0.8289
size [# of strips]

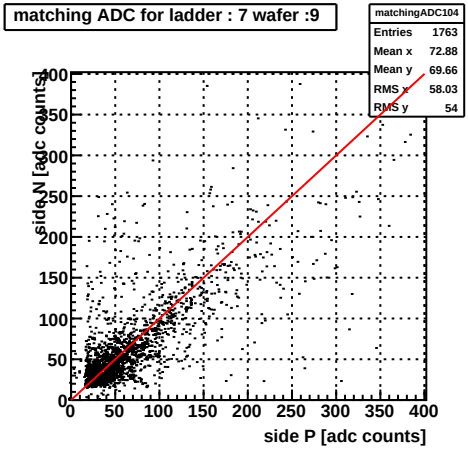

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1870
Mean x 69.59
Mean y 60.39
RMS x 57.08
RMS y 48.11
side N [adc counts]
side P [adc counts]

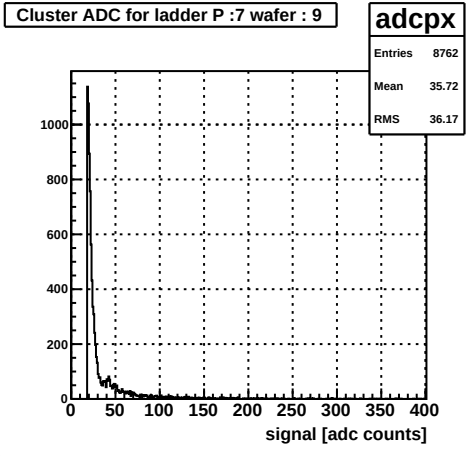

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3930
Mean 53.14
RMS 55.46
signal [adc counts]

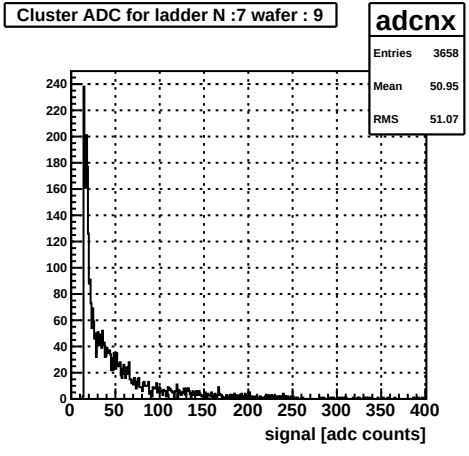

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3116
Mean 50.31
RMS 50.39
signal [adc counts]

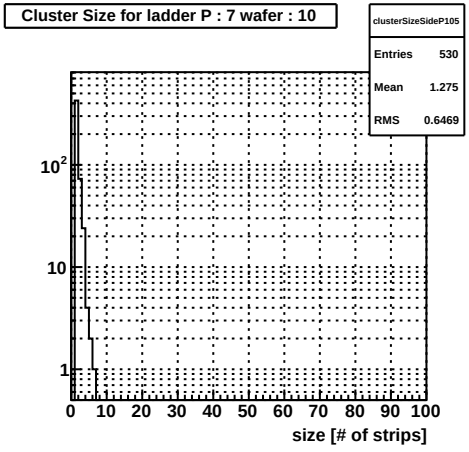

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8762
Mean 1.16
RMS 0.4503
size [# of strips]

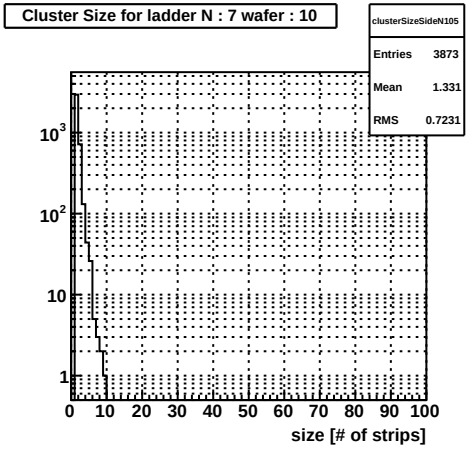

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3658
Mean 1.321
RMS 0.6532
size [# of strips]

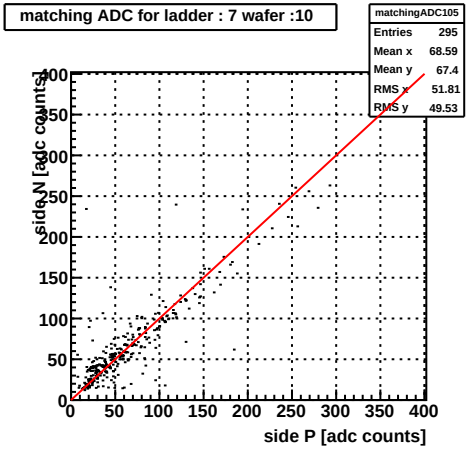

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1763
Mean x 72.88
Mean y 69.66
RMS x 58.03
RMS y 54
side N [adc counts]
side P [adc counts]

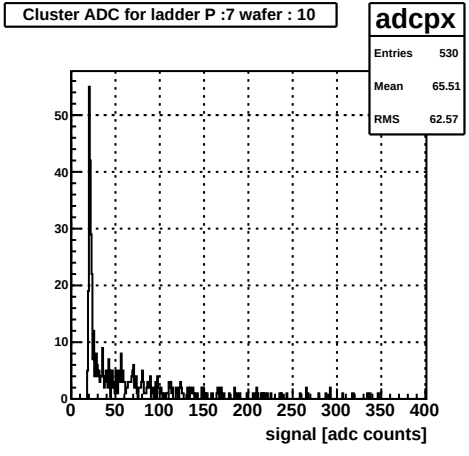

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8762
Mean 35.72
RMS 36.17
signal [adc counts]

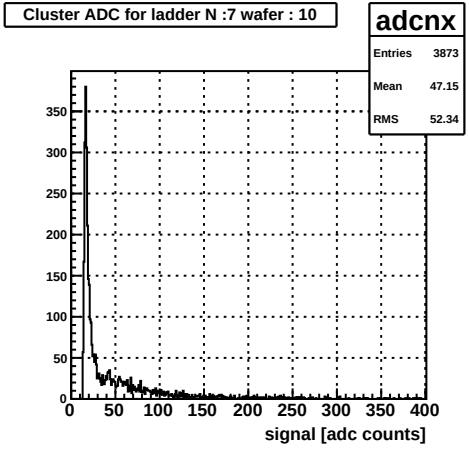

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3658
Mean 50.95
RMS 51.07
signal [adc counts]

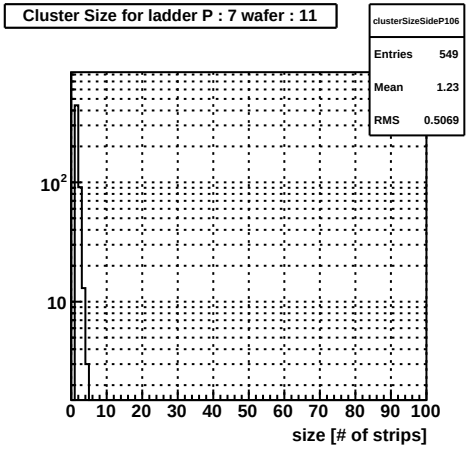

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 530
Mean 1.275
RMS 0.6469
size [# of strips]

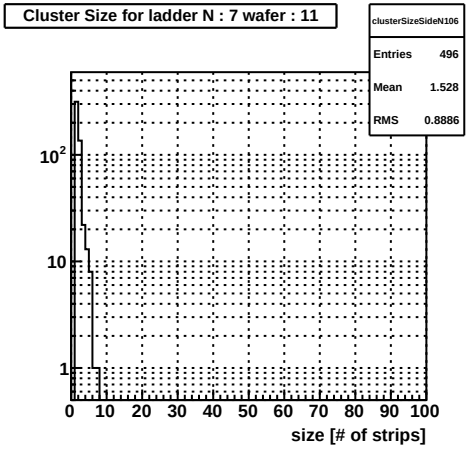

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3873
Mean 1.331
RMS 0.7231
size [# of strips]

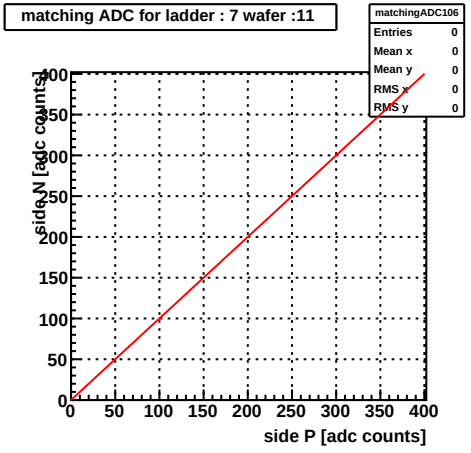

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 295
Mean x 68.59
Mean y 67.4
RMS x 51.81
RMS y 49.53
side N [adc counts]
side P [adc counts]

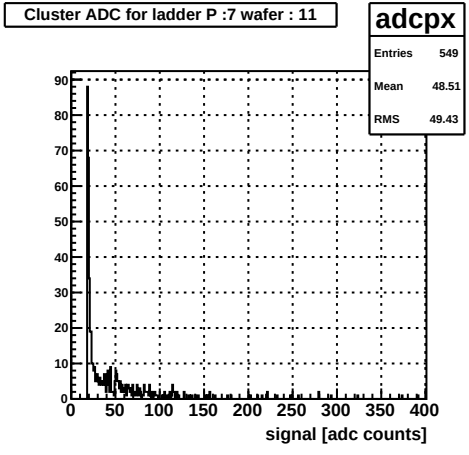

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 530
Mean 65.51
RMS 62.57
signal [adc counts]

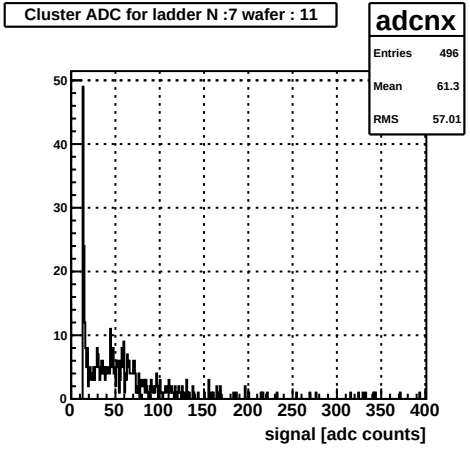

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3873
Mean 47.15
RMS 52.34
signal [adc counts]

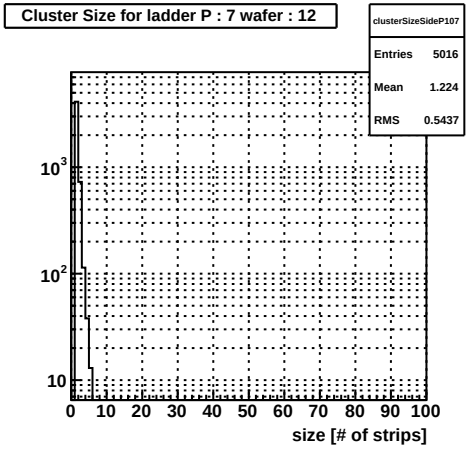

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 549
Mean 1.23
RMS 0.5069
size [# of strips]

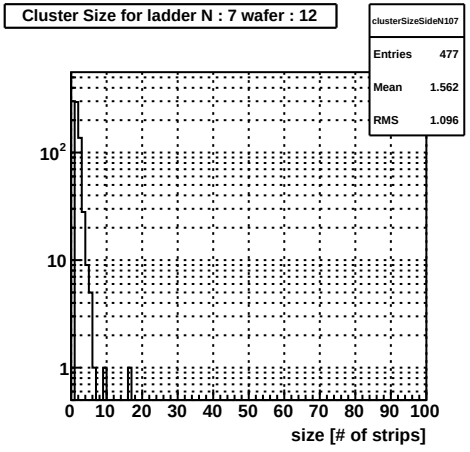

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 496
Mean 1.528
RMS 0.8886
size [# of strips]

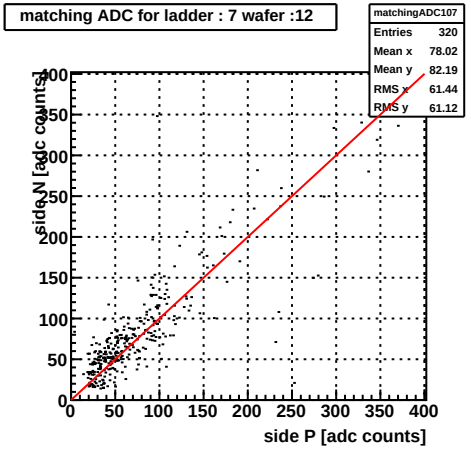

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

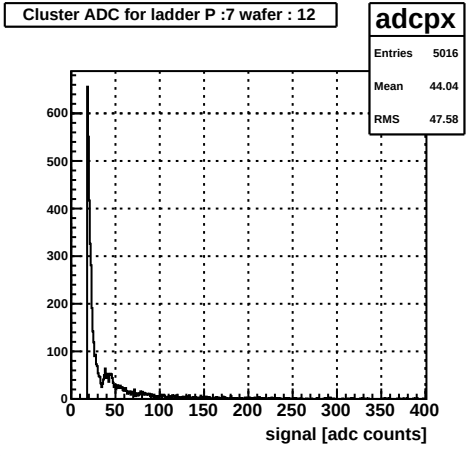

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 549
Mean 48.51
RMS 49.43
signal [adc counts]

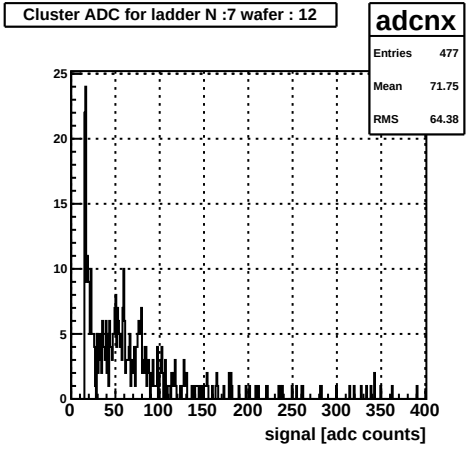

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 496
Mean 61.3
RMS 57.01
signal [adc counts]

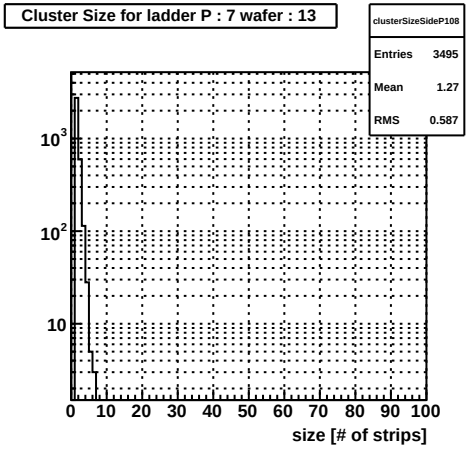

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5016
Mean 1.224
RMS 0.5437
size [# of strips]

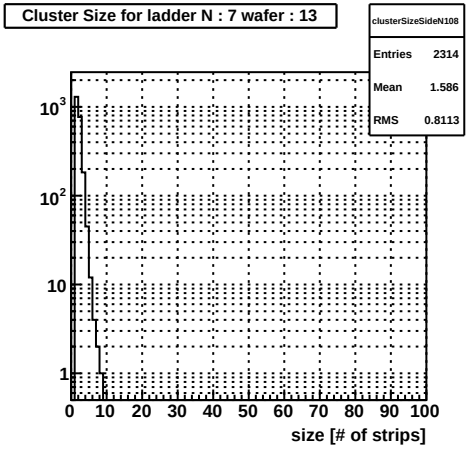

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 477
Mean 1.562
RMS 1.096
size [# of strips]

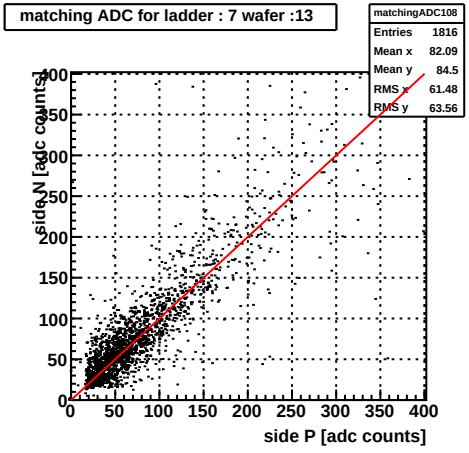

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 320
Mean x 78.02
Mean y 82.19
RMS x 61.44
RMS y 61.12
side N [adc counts]
side P [adc counts]

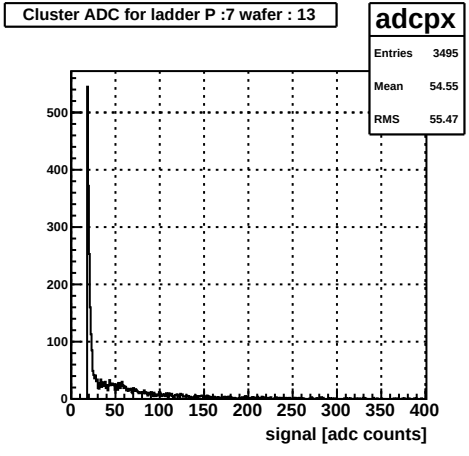

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5016
Mean 44.04
RMS 47.58
signal [adc counts]

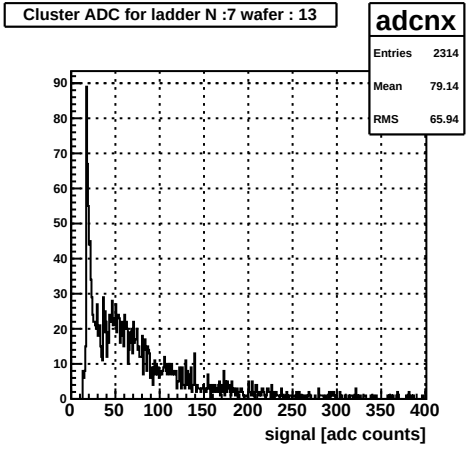

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 477
Mean 71.75
RMS 64.38
signal [adc counts]

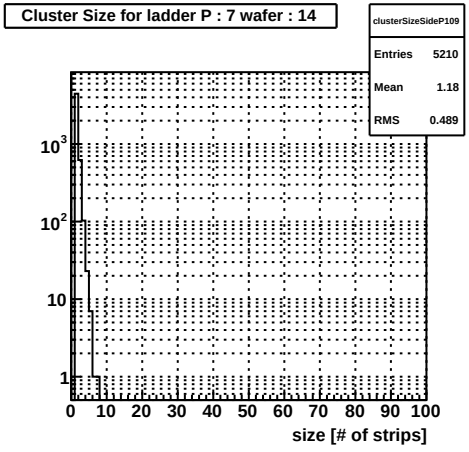

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3495
Mean 1.27
RMS 0.587
size [# of strips]

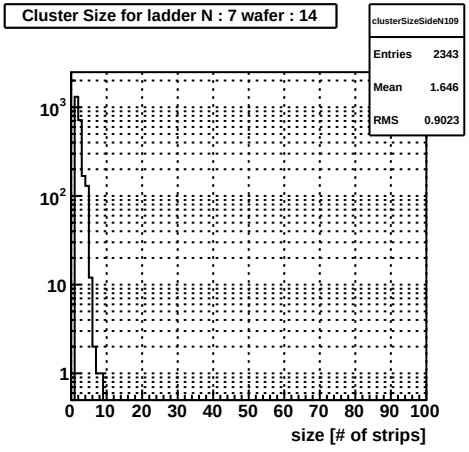

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2314
Mean 1.586
RMS 0.8113
size [# of strips]

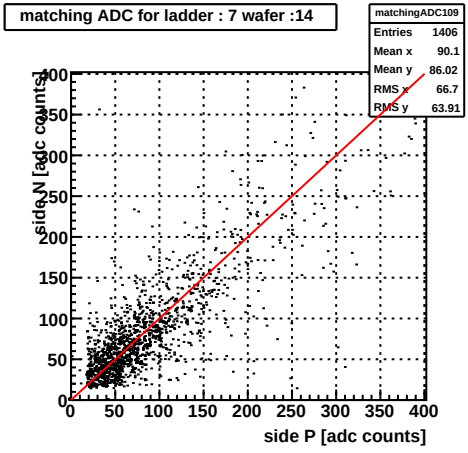

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1816
Mean x 82.09
Mean y 84.5
RMS x 61.48
RMS y 63.56
side N [adc counts]
side P [adc counts]

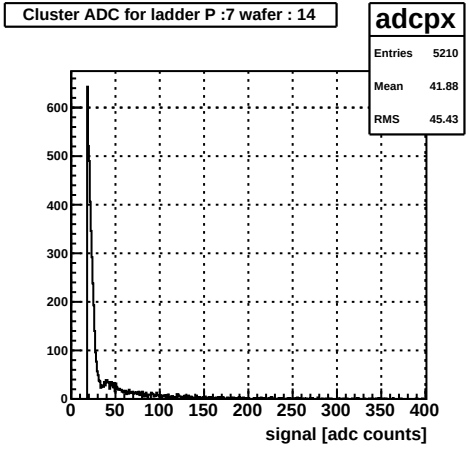

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3495
Mean 54.55
RMS 55.47
signal [adc counts]

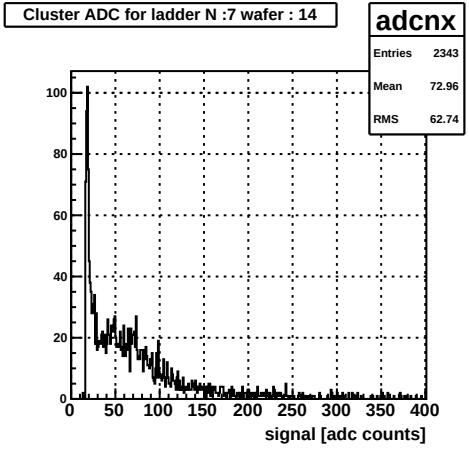

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2314
Mean 79.14
RMS 65.94
signal [adc counts]

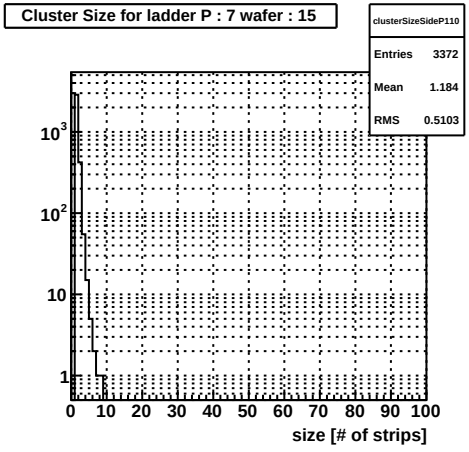

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5210
Mean 1.18
RMS 0.489
size [# of strips]

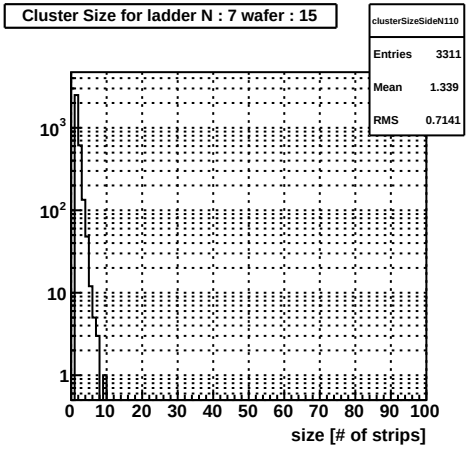

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2343
Mean 1.646
RMS 0.9023
size [# of strips]

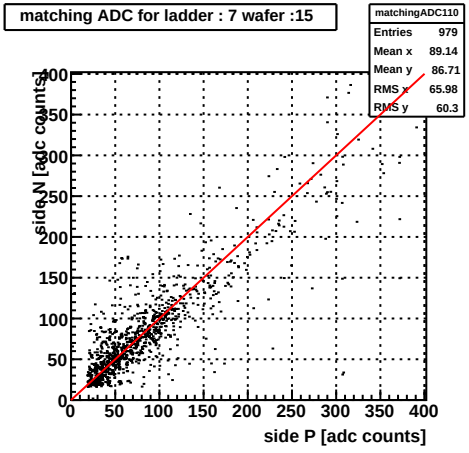

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1406
Mean x 90.1
Mean y 86.02
RMS x 66.7
RMS y 63.91
side N [adc counts]
side P [adc counts]

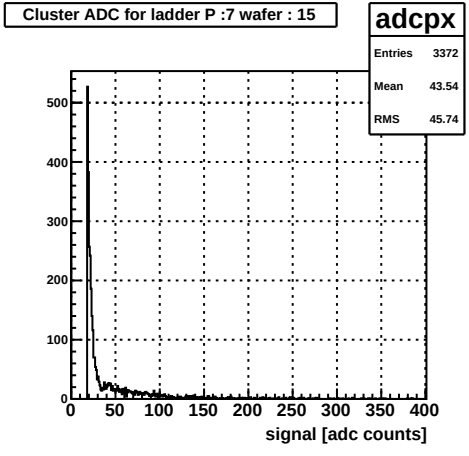

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5210
Mean 41.88
RMS 45.43
signal [adc counts]

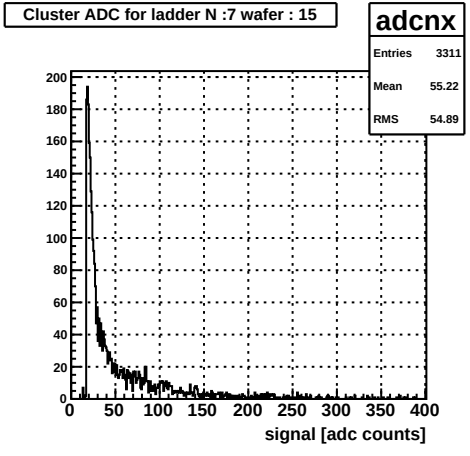

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2343
Mean 72.96
RMS 62.74
signal [adc counts]

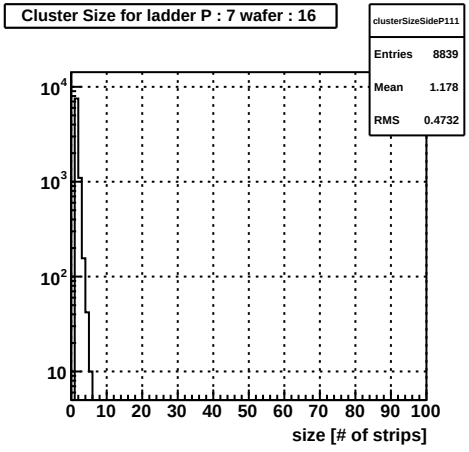

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3372
Mean 1.184
RMS 0.5103
size [# of strips]

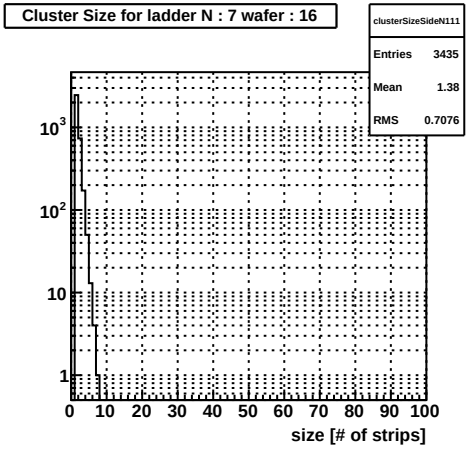

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3311
Mean 1.339
RMS 0.7141
size [# of strips]

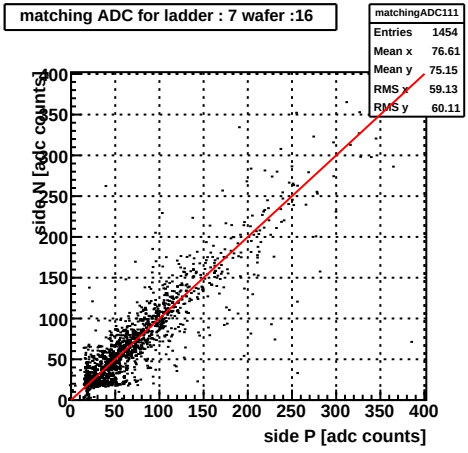

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 979
Mean x 89.14
Mean y 86.71
RMS x 65.98
RMS y 60.3
side N [adc counts]
side P [adc counts]

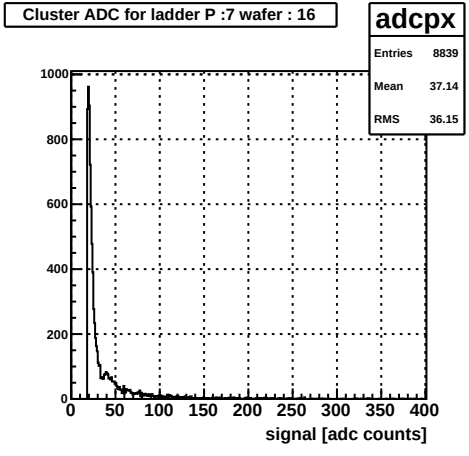

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3372
Mean 43.54
RMS 45.74
signal [adc counts]

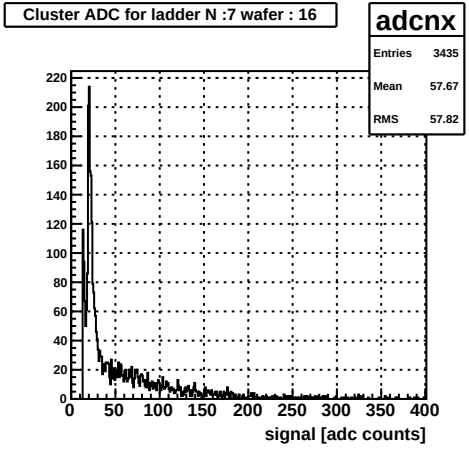

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3311
Mean 55.22
RMS 54.89
signal [adc counts]

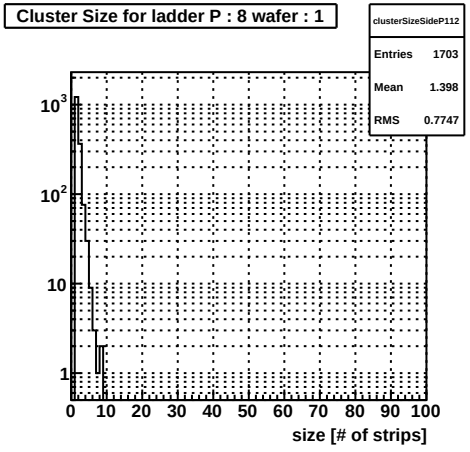

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8839
Mean 1.178
RMS 0.4732
size [# of strips]

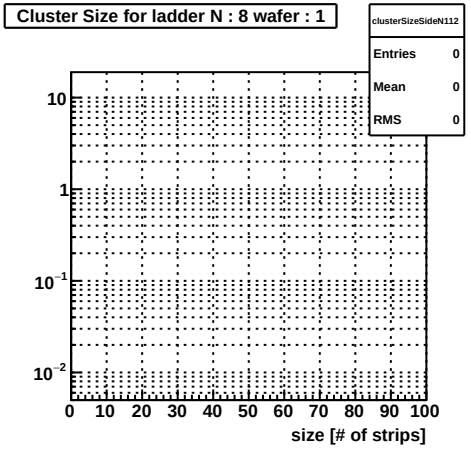

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3435
Mean 1.38
RMS 0.7076
size [# of strips]

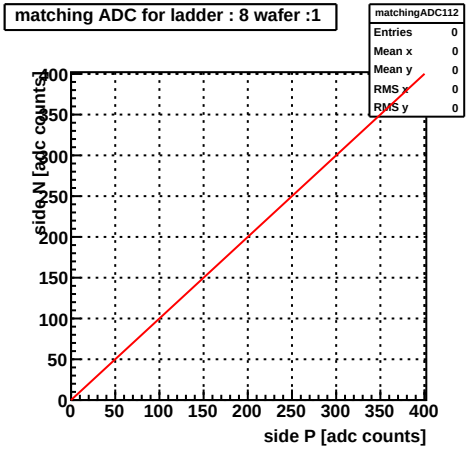

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1454
Mean x 76.61
Mean y 75.15
RMS x 59.13
RMS y 60.11
side N [adc counts]
side P [adc counts]

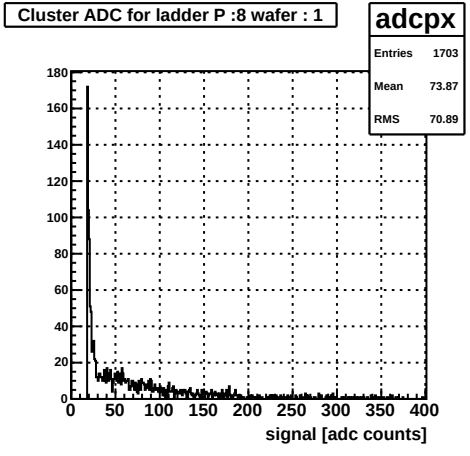

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8839
Mean 37.14
RMS 36.15
signal [adc counts]

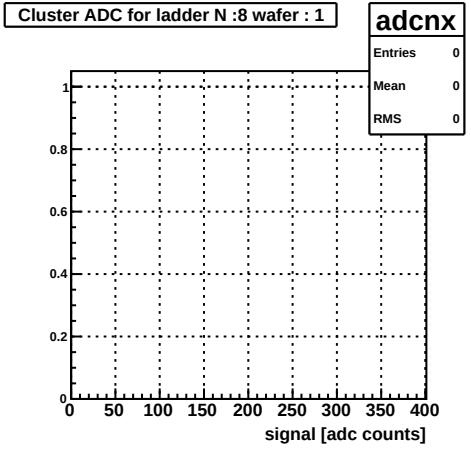

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3435
Mean 57.67
RMS 57.82
signal [adc counts]

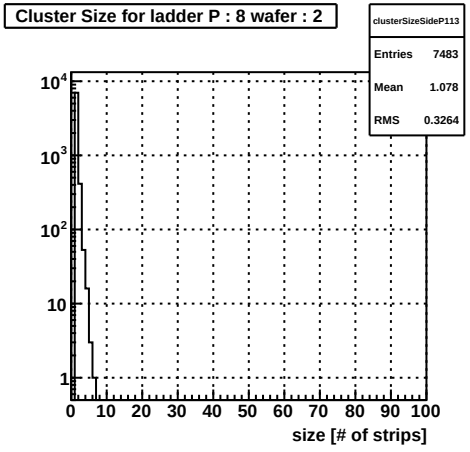

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1703
Mean 1.398
RMS 0.7747
size [# of strips]

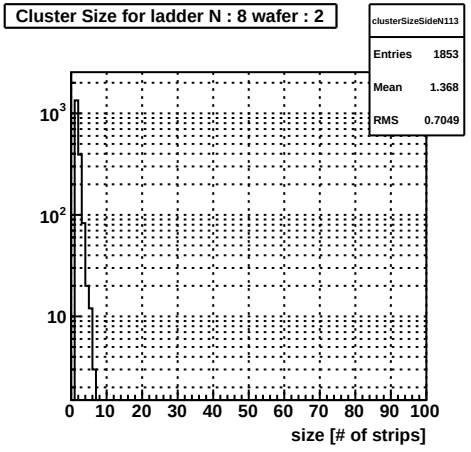

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

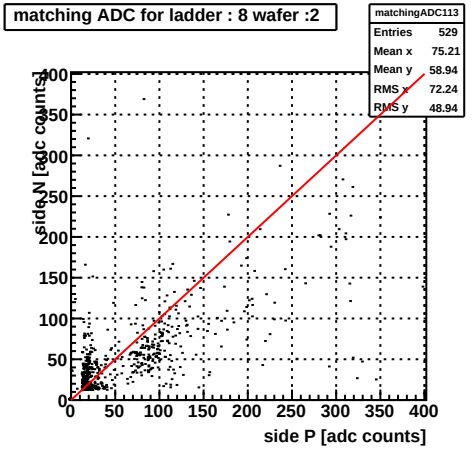

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

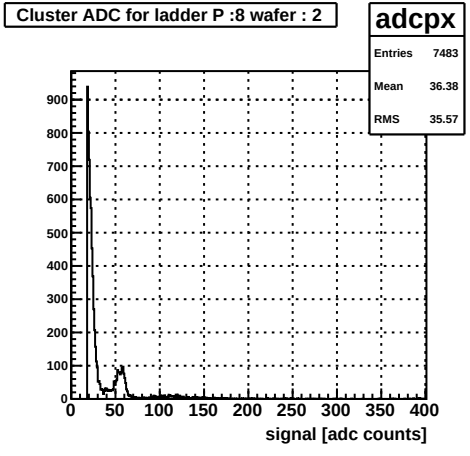

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1703
Mean 73.87
RMS 70.89
signal [adc counts]

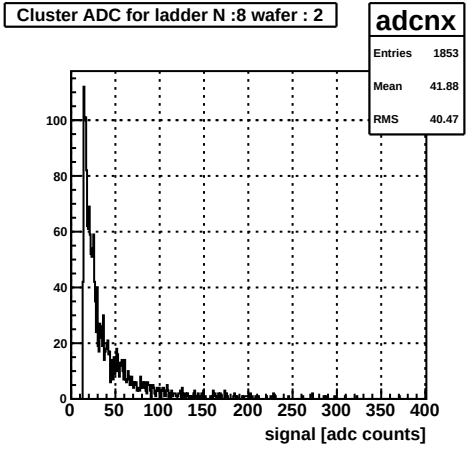

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

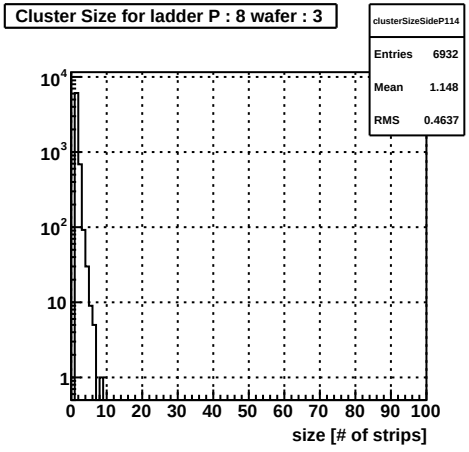

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7483
Mean 1.078
RMS 0.3264
size [# of strips]

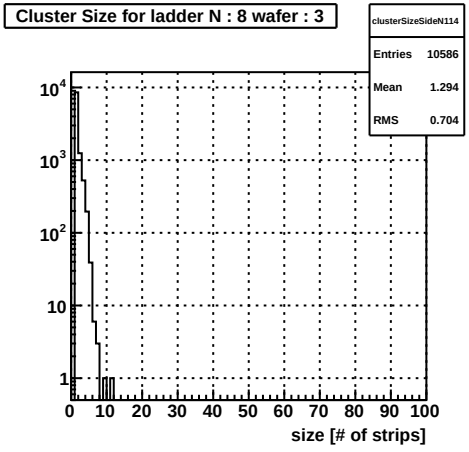

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1853
Mean 1.368
RMS 0.7049
size [# of strips]

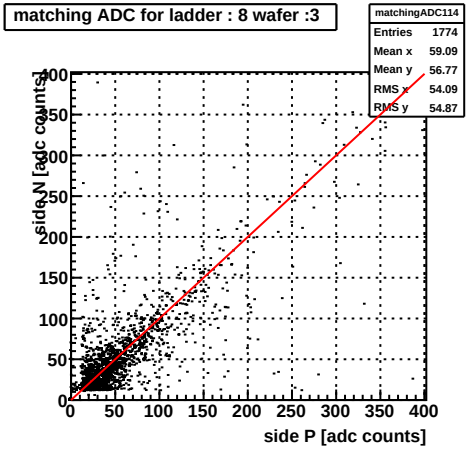

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 529
Mean x 75.21
Mean y 58.94
RMS x 72.24
RMS y 48.94
side N [adc counts]
side P [adc counts]

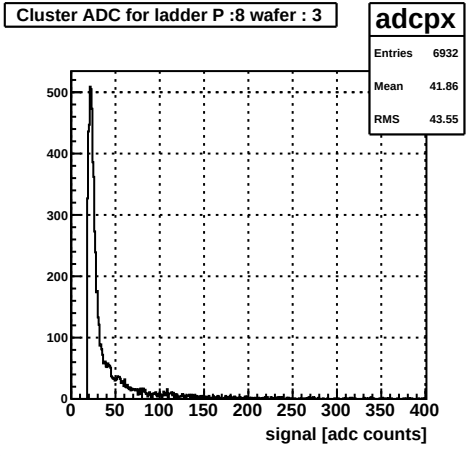

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7483
Mean 36.38
RMS 35.57
signal [adc counts]

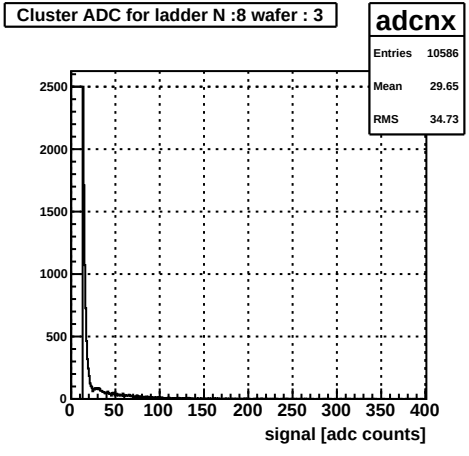

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1853
Mean 41.88
RMS 40.47
signal [adc counts]

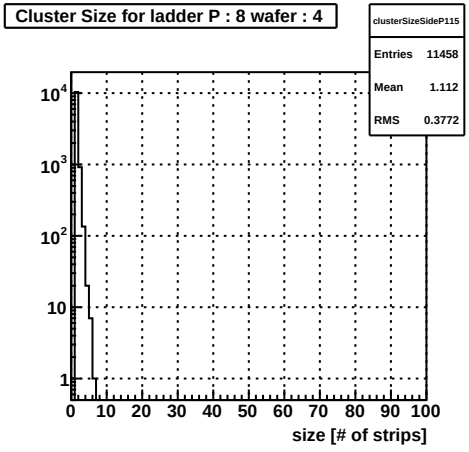

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6932
Mean 1.148
RMS 0.4637
size [# of strips]

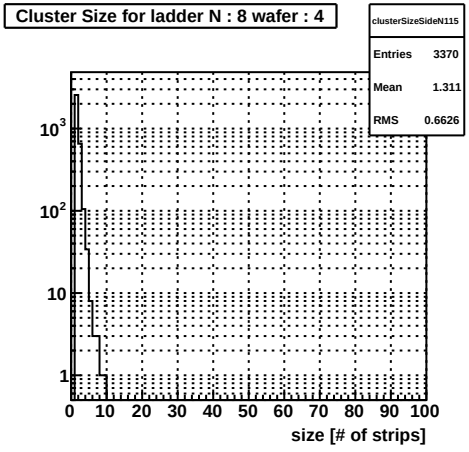

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10586
Mean 1.294
RMS 0.704
size [# of strips]

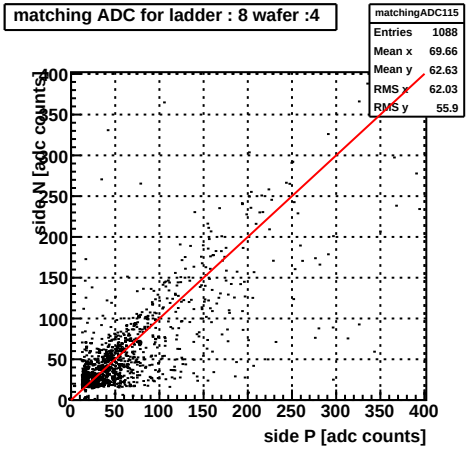

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1774
Mean x 59.09
Mean y 56.77
RMS x 54.09
RMS y 54.87
side N [adc counts]
side P [adc counts]

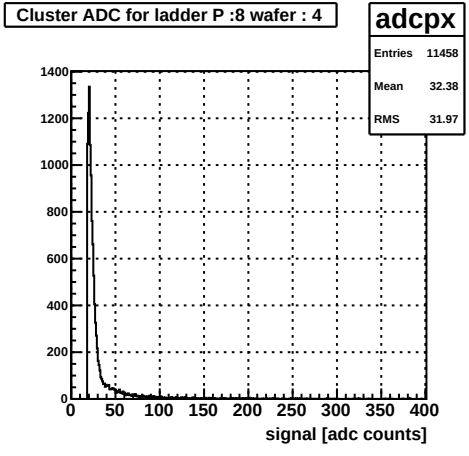

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6932
Mean 41.86
RMS 43.55
signal [adc counts]

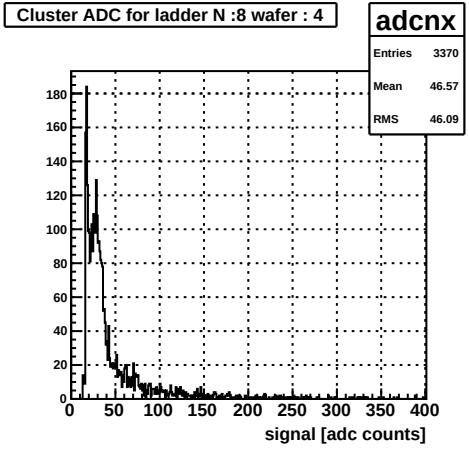

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10586
Mean 29.65
RMS 34.73
signal [adc counts]

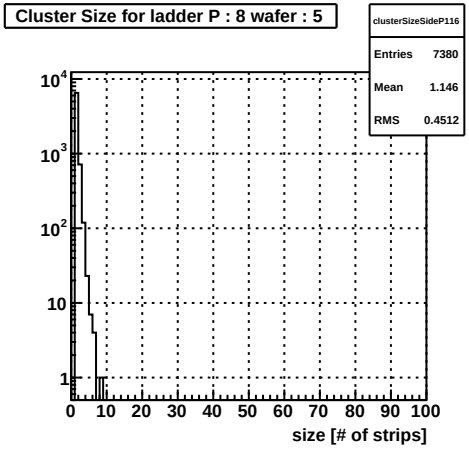

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 11458
Mean 1.112
RMS 0.3772
size [# of strips]

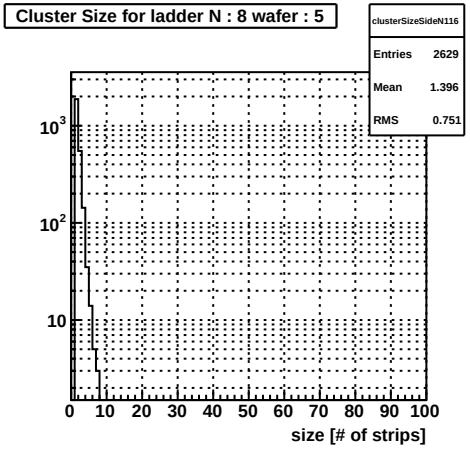

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3370
Mean 1.311
RMS 0.6626
size [# of strips]

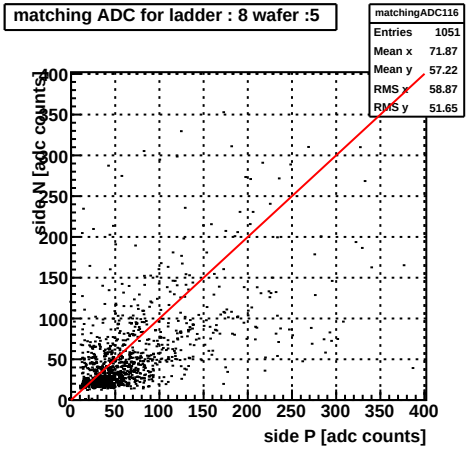

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1088
Mean x 69.66
Mean y 62.63
RMS x 62.03
RMS y 55.9
side N [adc counts]
side P [adc counts]

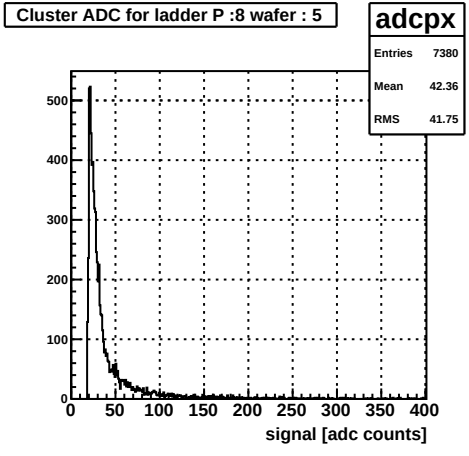

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 11458
Mean 32.38
RMS 31.97
signal [adc counts]

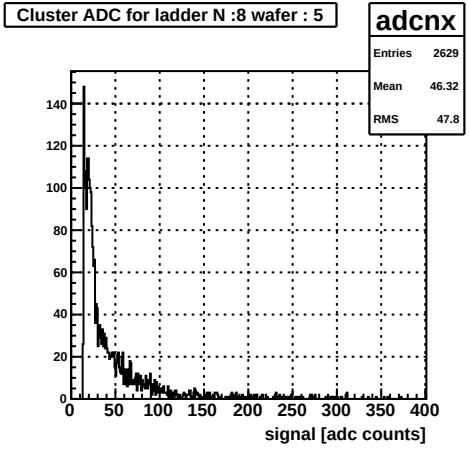

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3370
Mean 46.57
RMS 46.09
signal [adc counts]

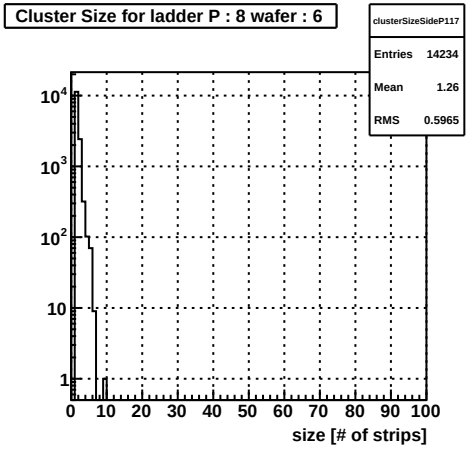

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7380
Mean 1.146
RMS 0.4512
size [# of strips]

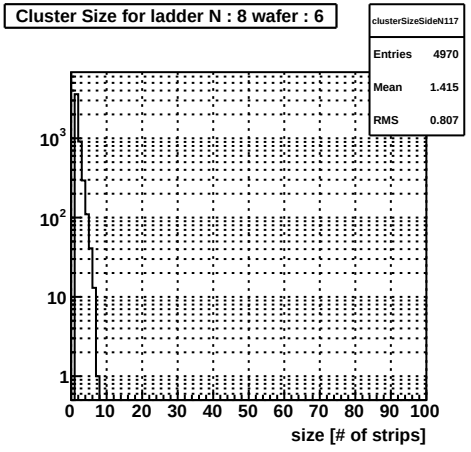

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2629
Mean 1.396
RMS 0.751
size [# of strips]

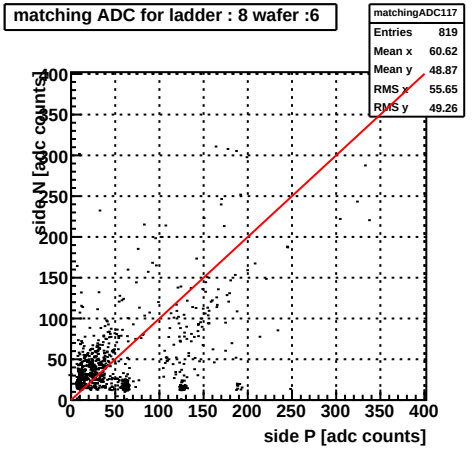

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1051
Mean x 71.87
Mean y 57.22
RMS x 58.87
RMS y 51.65
side N [adc counts]
side P [adc counts]

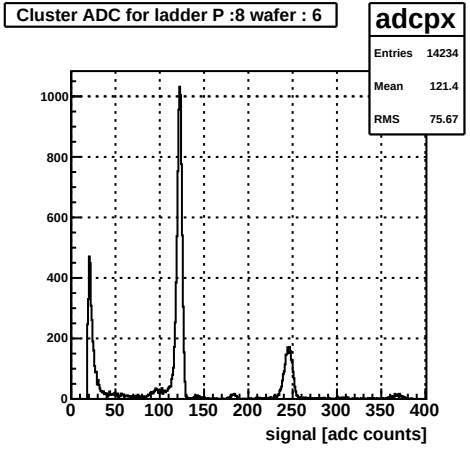

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7380
Mean 42.36
RMS 41.75
signal [adc counts]

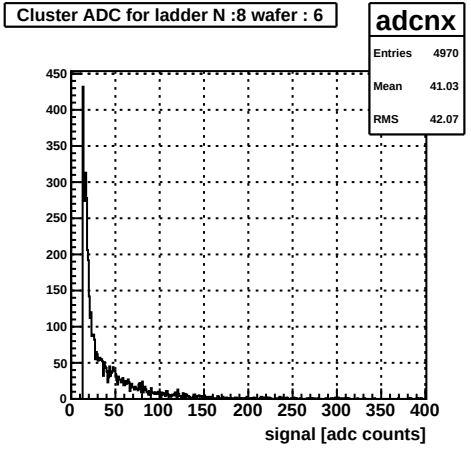

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2629
Mean 46.32
RMS 47.8
signal [adc counts]

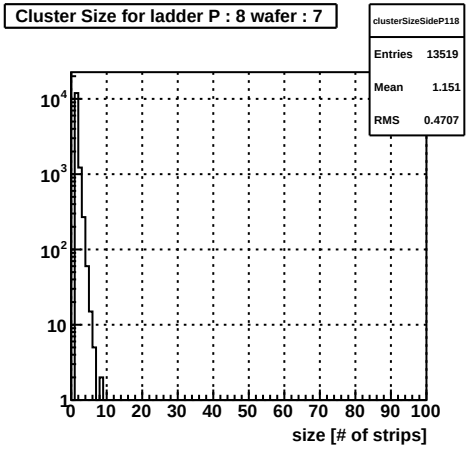

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14234
Mean 1.26
RMS 0.5965
size [# of strips]

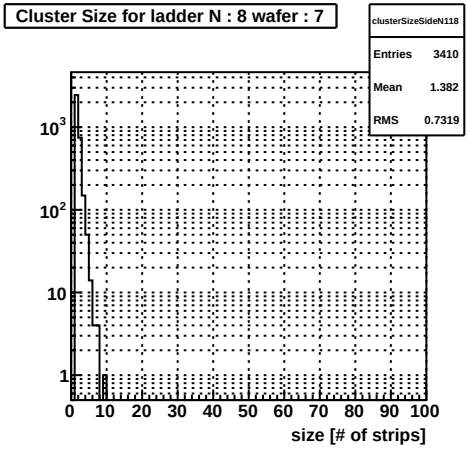

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4970
Mean 1.415
RMS 0.807
size [# of strips]

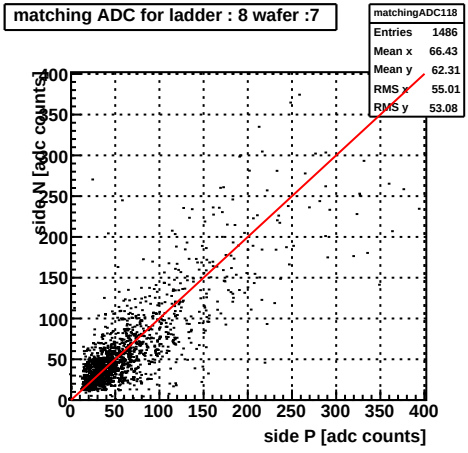

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 819
Mean x 60.62
Mean y 48.87
RMS x 55.65
RMS y 49.26
side N [adc counts]
side P [adc counts]

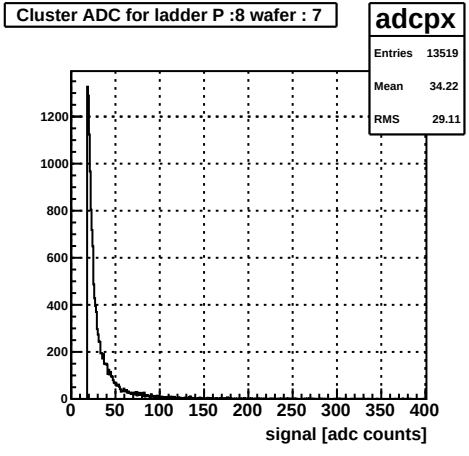

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14234
Mean 121.4
RMS 75.67
signal [adc counts]

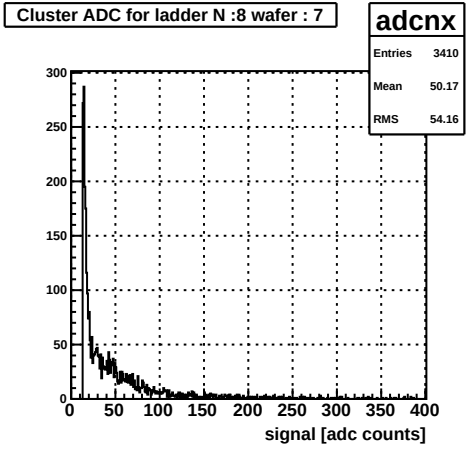

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4970
Mean 41.03
RMS 42.07
signal [adc counts]

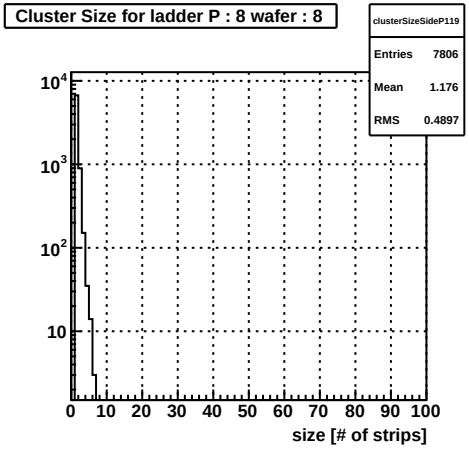

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13519
Mean 1.151
RMS 0.4707
size [# of strips]

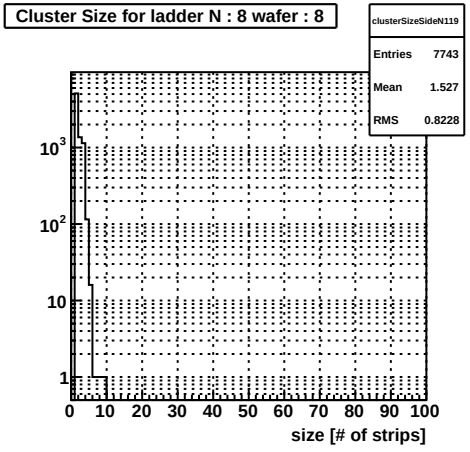

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3410
Mean 1.382
RMS 0.7319
size [# of strips]

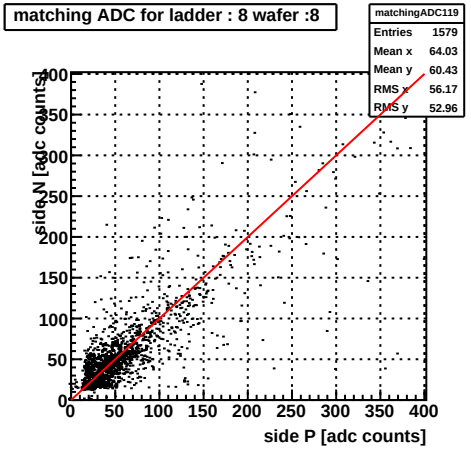

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1486
Mean x 66.43
Mean y 62.31
RMS x 55.01
RMS y 53.08
side N [adc counts]
side P [adc counts]

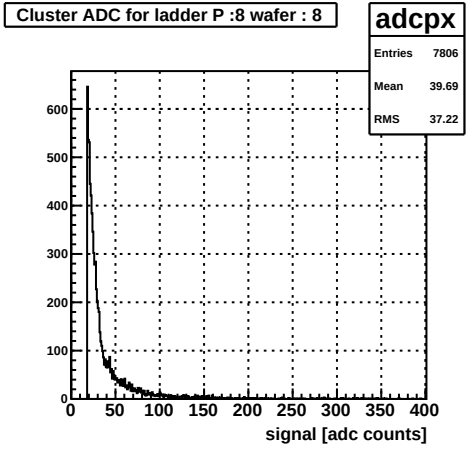

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13519
Mean 34.22
RMS 29.11
signal [adc counts]

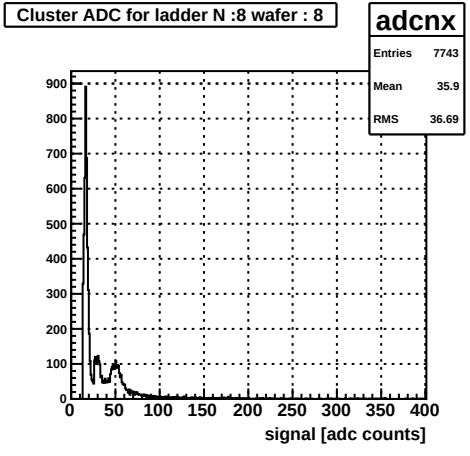

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3410
Mean 50.17
RMS 54.16
signal [adc counts]

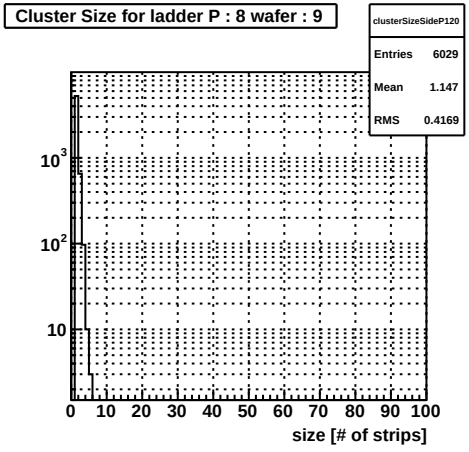

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7806
Mean 1.176
RMS 0.4897
size [# of strips]

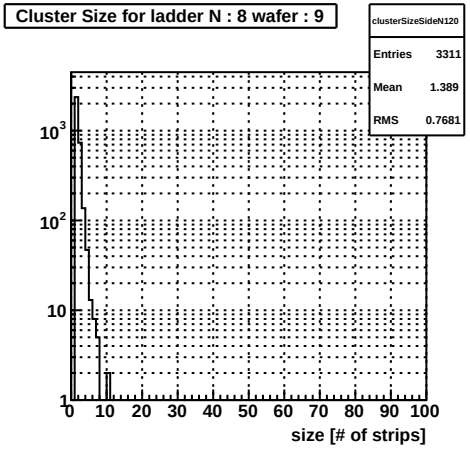

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7743
Mean 1.527
RMS 0.8228
size [# of strips]

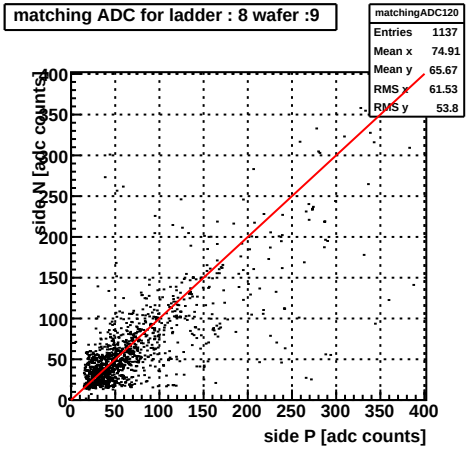

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1579
Mean x 64.03
Mean y 60.43
RMS x 56.17
RMS y 52.96
side N [adc counts]
side P [adc counts]

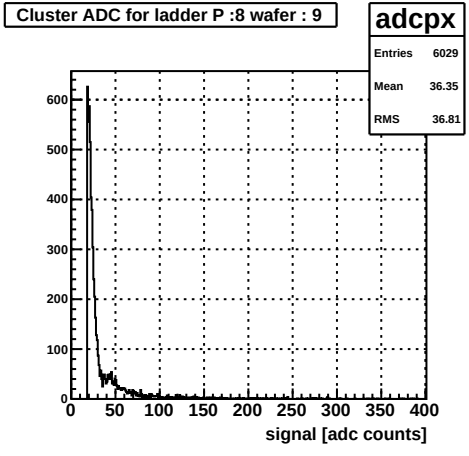

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7806
Mean 39.69
RMS 37.22
signal [adc counts]

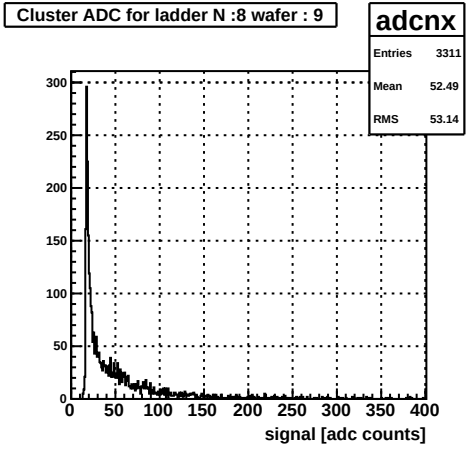

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7743
Mean 35.9
RMS 36.69
signal [adc counts]

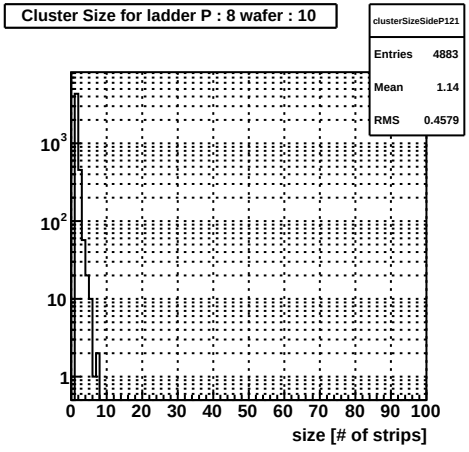

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6029
Mean 1.147
RMS 0.4169
size [# of strips]

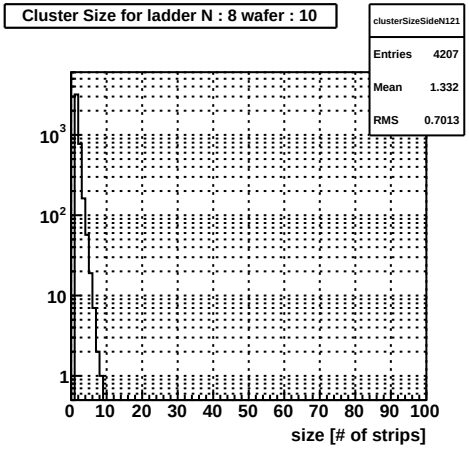

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3311
Mean 1.389
RMS 0.7681
size [# of strips]

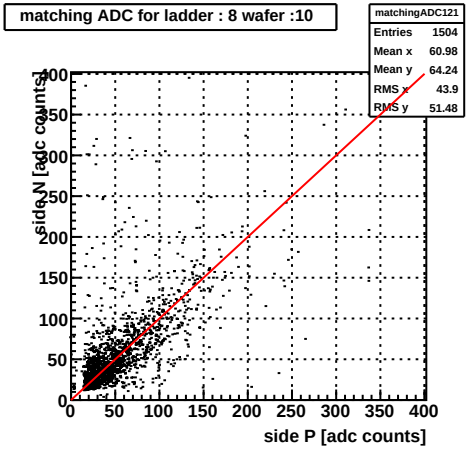

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1137
Mean x 74.91
Mean y 65.67
RMS x 61.53
RMS y 53.8
side N [adc counts]
side P [adc counts]

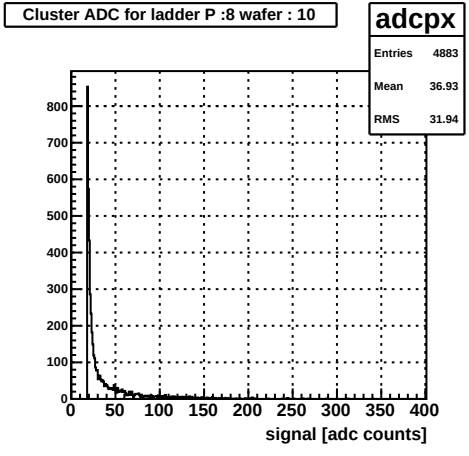

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6029
Mean 36.35
RMS 36.81
signal [adc counts]

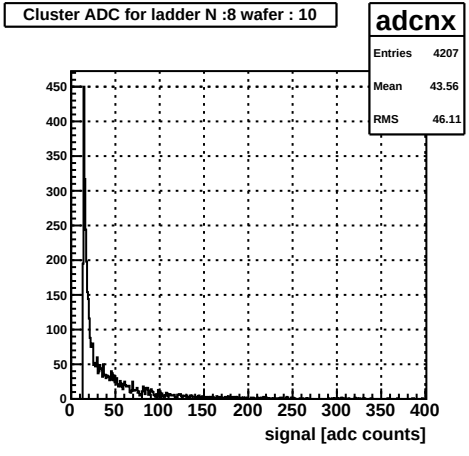

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3311
Mean 52.49
RMS 53.14
signal [adc counts]

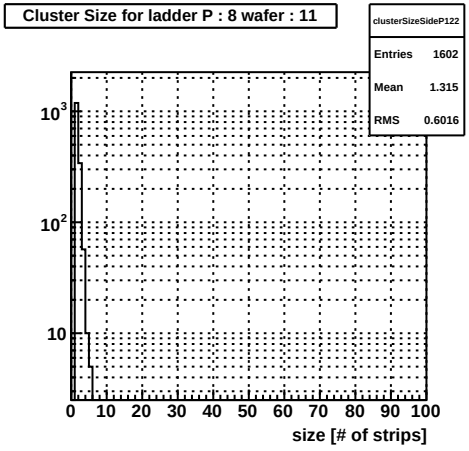

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4883
Mean 1.14
RMS 0.4579
size [# of strips]

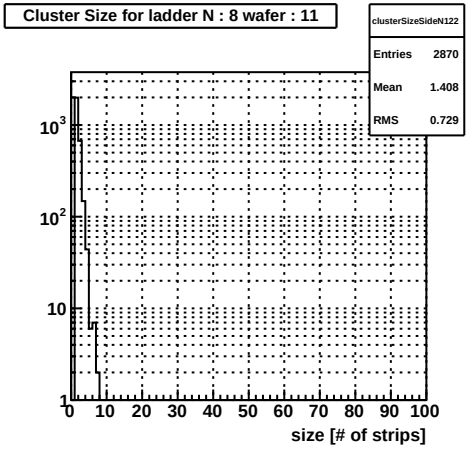

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4207
Mean 1.332
RMS 0.7013
size [# of strips]

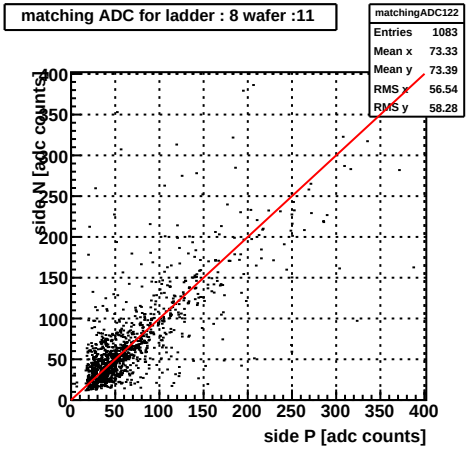

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1504
Mean x 60.98
Mean y 64.24
RMS x 43.9
RMS y 51.48
side N [adc counts]
side P [adc counts]

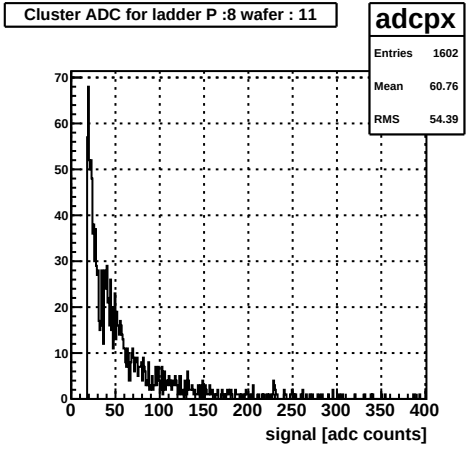

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4883
Mean 36.93
RMS 31.94
signal [adc counts]

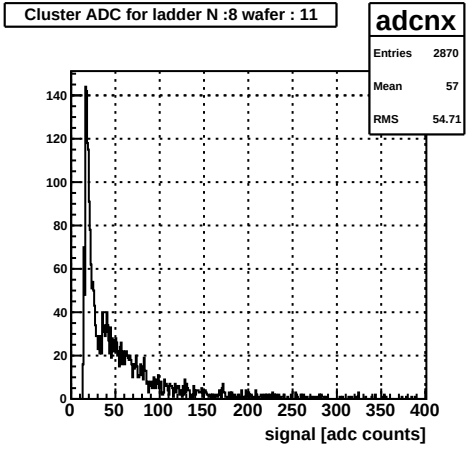

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4207
Mean 43.56
RMS 46.11
signal [adc counts]

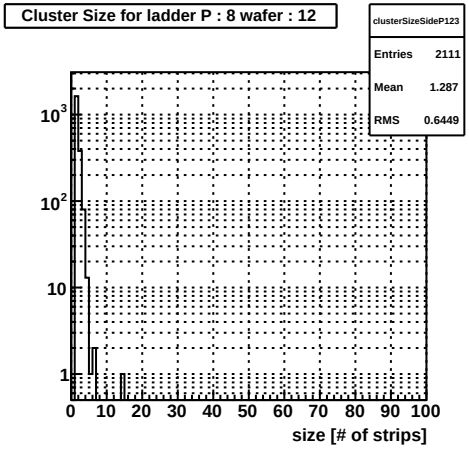

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1602
Mean 1.315
RMS 0.6016
size [# of strips]

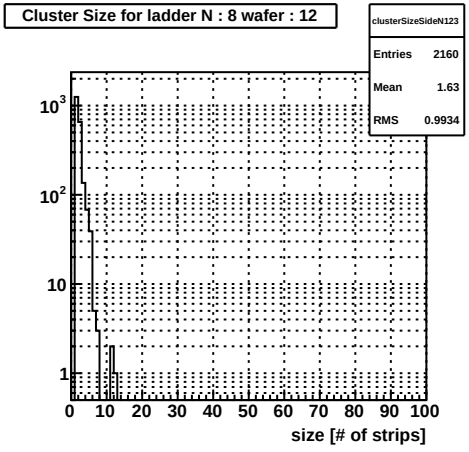

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2870
Mean 1.408
RMS 0.729
size [# of strips]

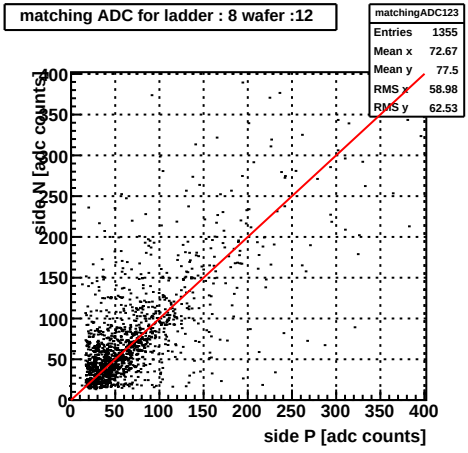

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1083
Mean x 73.33
Mean y 73.39
RMS x 56.54
RMS y 58.28
side N [adc counts]
side P [adc counts]

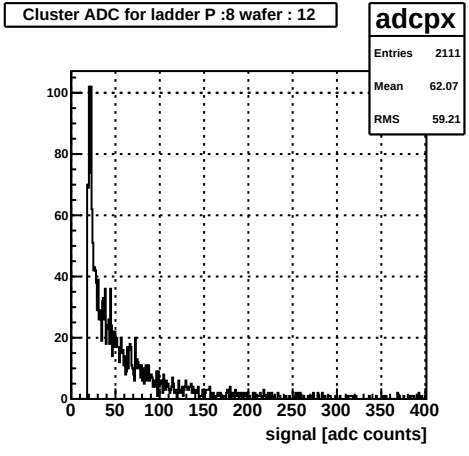

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1602
Mean 60.76
RMS 54.39
signal [adc counts]

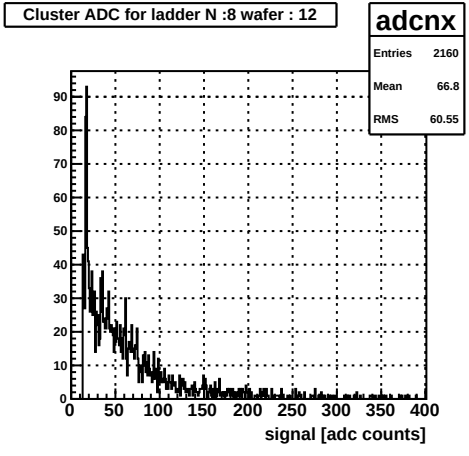

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2870
Mean 57
RMS 54.71
signal [adc counts]

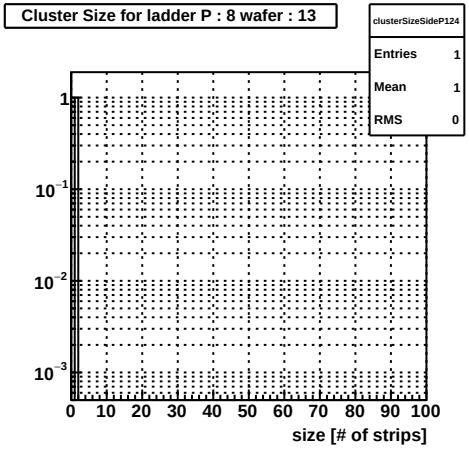

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2111
Mean 1.287
RMS 0.6449
size [# of strips]

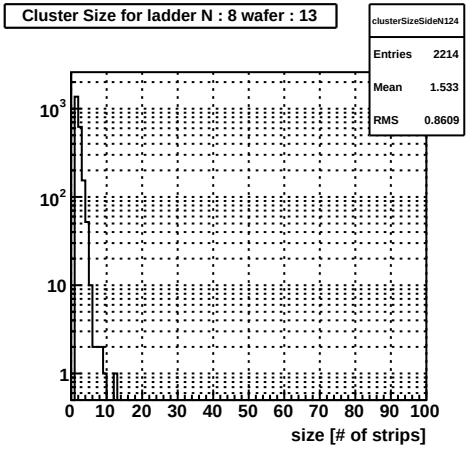

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2160
Mean 1.63
RMS 0.9934
size [# of strips]

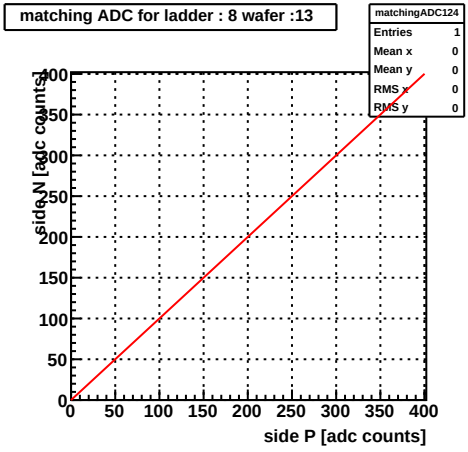

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1355
Mean x 72.67
Mean y 77.5
RMS x 58.98
RMS y 62.53
side N [adc counts]
side P [adc counts]

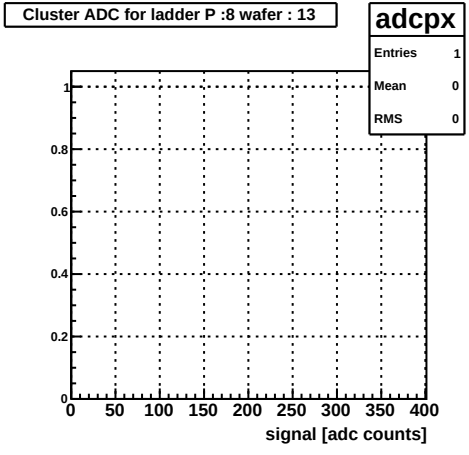

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2111
Mean 62.07
RMS 59.21
signal [adc counts]

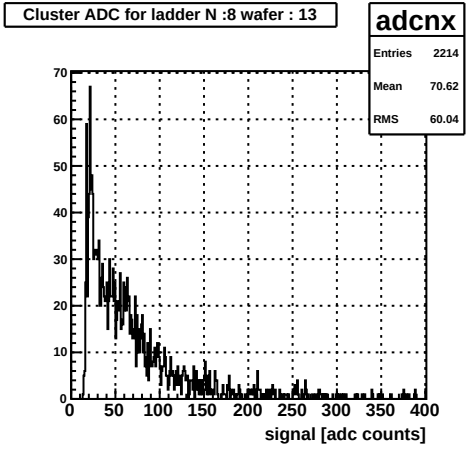

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2160
Mean 66.8
RMS 60.55
signal [adc counts]

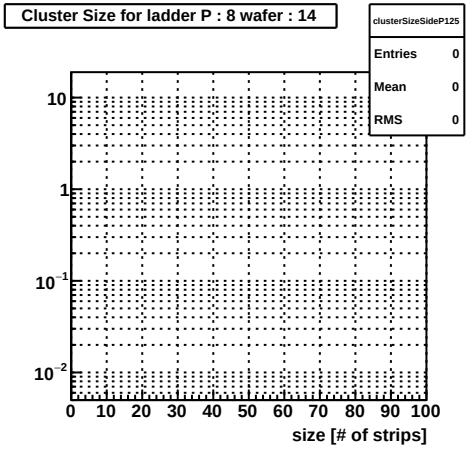

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

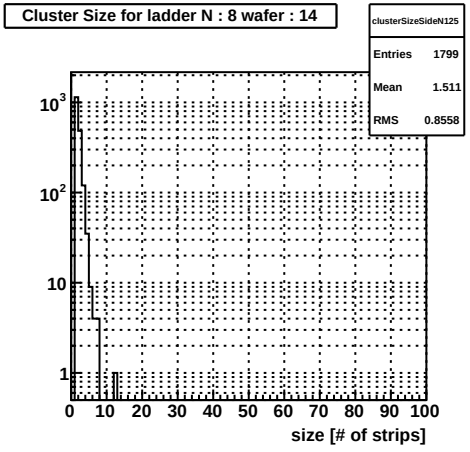

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2214
Mean 1.533
RMS 0.8609
size [# of strips]

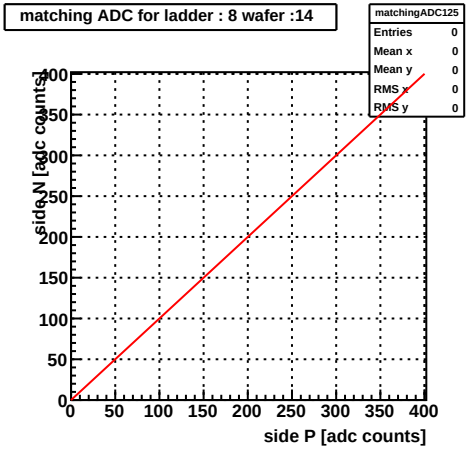

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

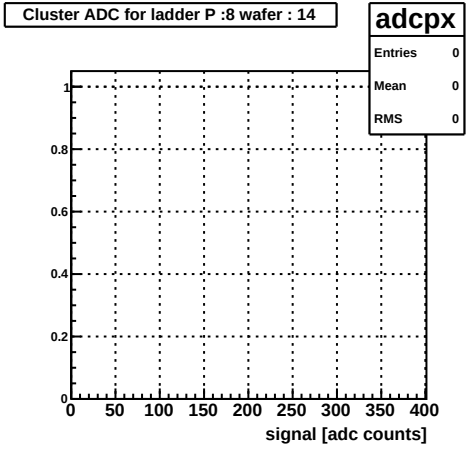

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

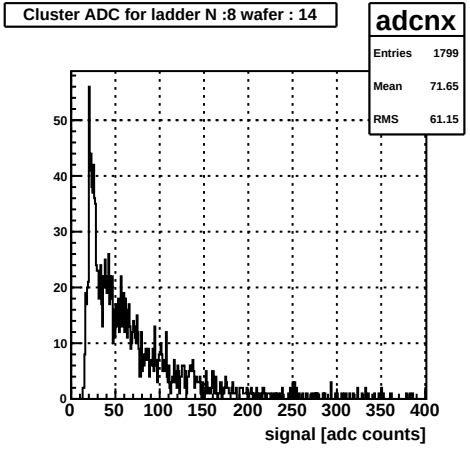

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2214
Mean 70.62
RMS 60.04
signal [adc counts]

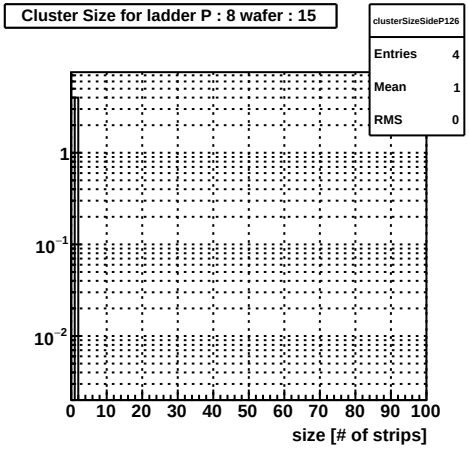

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

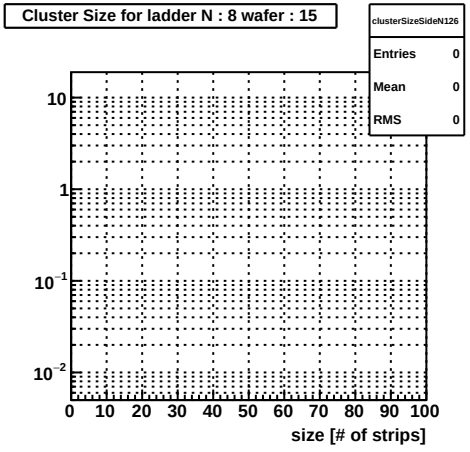

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1799
Mean 1.511
RMS 0.8558
size [# of strips]

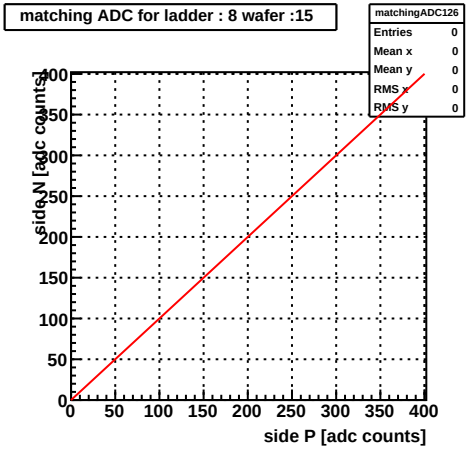

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

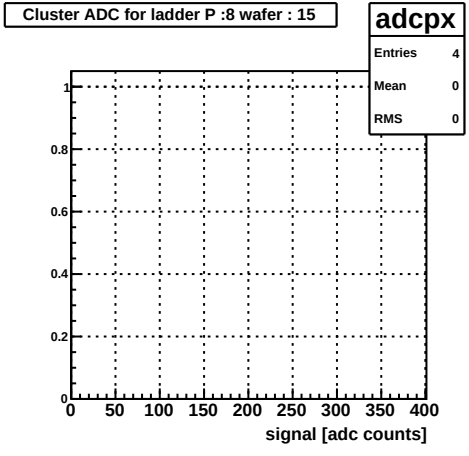

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

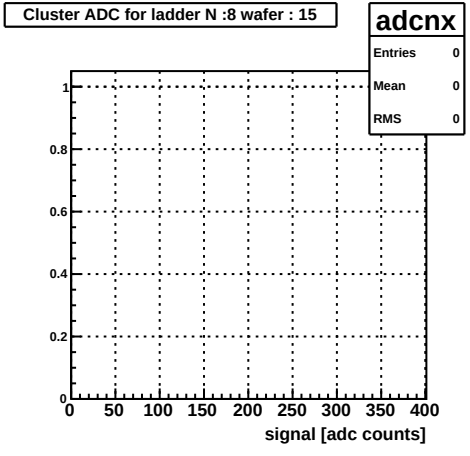

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1799
Mean 71.65
RMS 61.15
signal [adc counts]

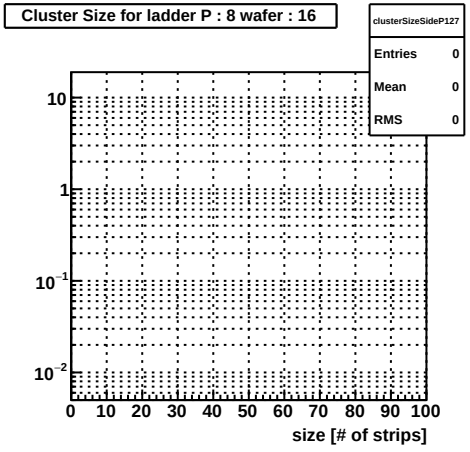

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

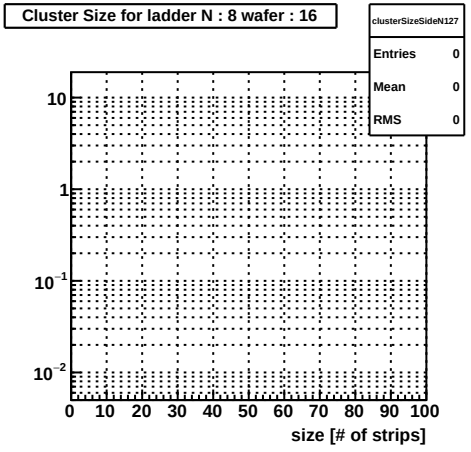

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

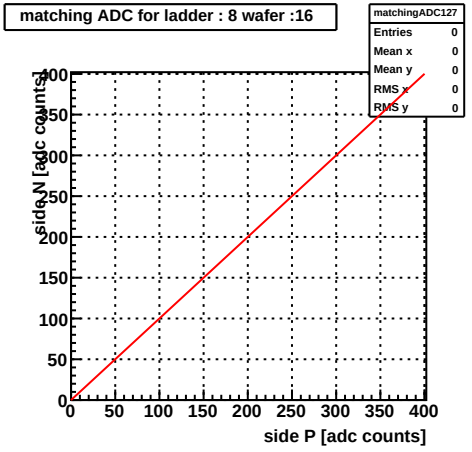

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

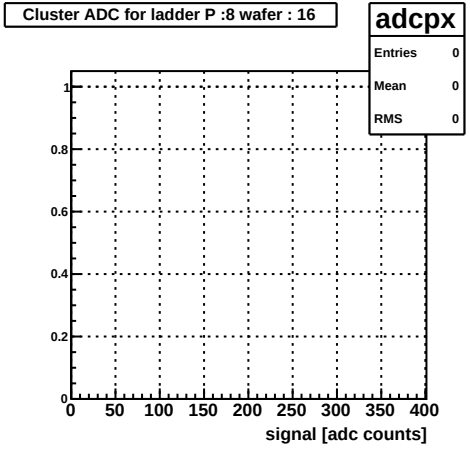

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

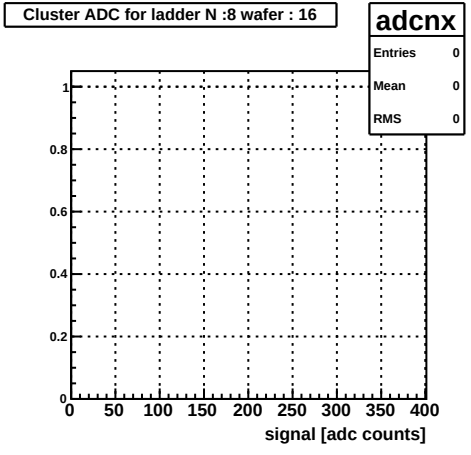

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

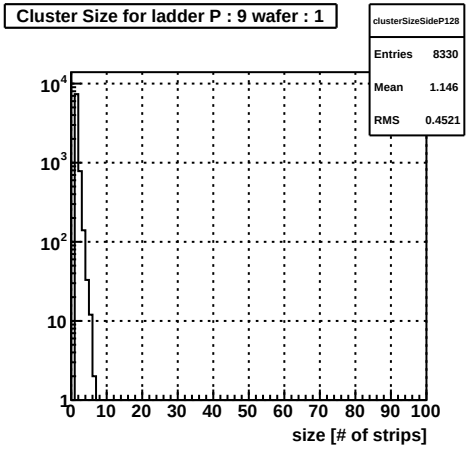

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

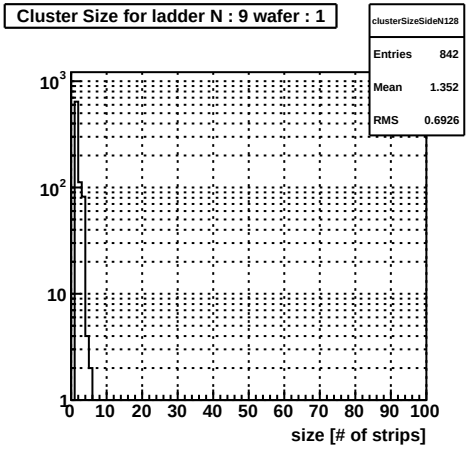

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

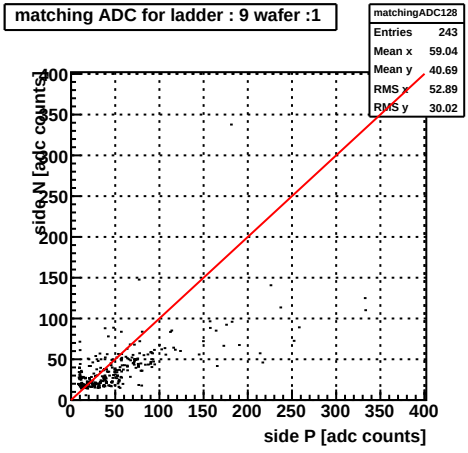

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

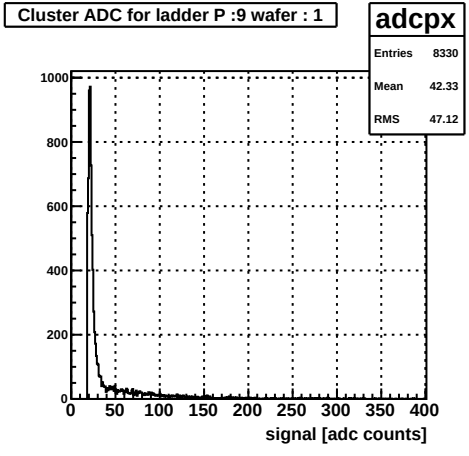

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

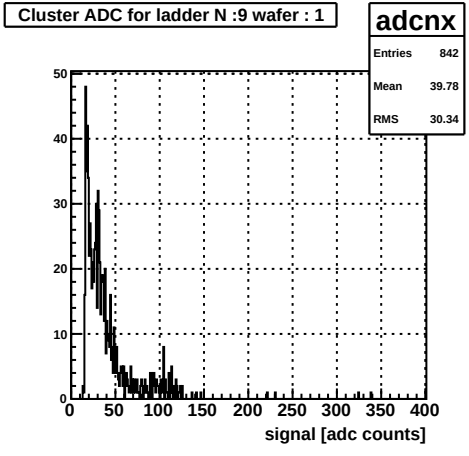

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

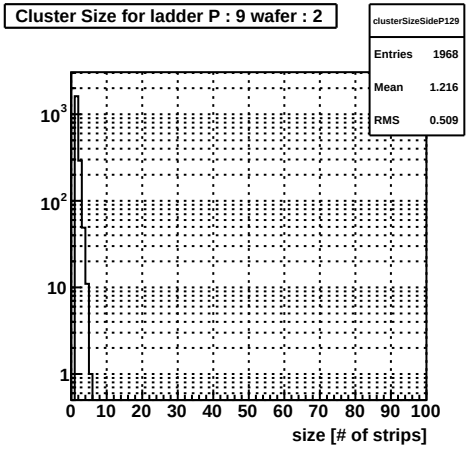

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8330
Mean 1.146
RMS 0.4521
size [# of strips]

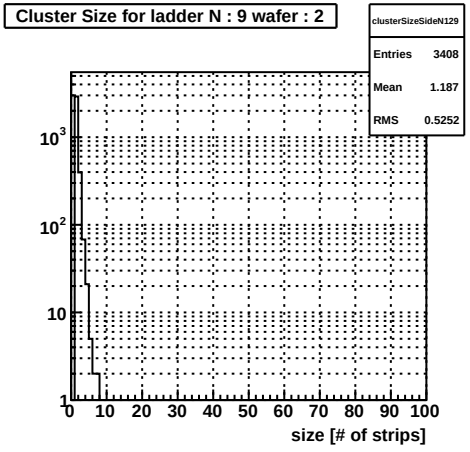

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 842
Mean 1.352
RMS 0.6926
size [# of strips]

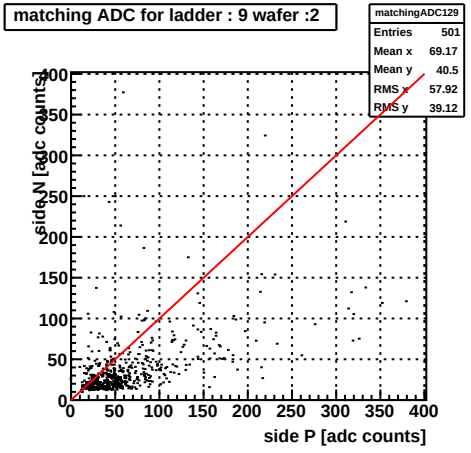

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 243
Mean x 59.04
Mean y 40.69
RMS x 52.89
RMS y 30.02
side N [adc counts]
side P [adc counts]

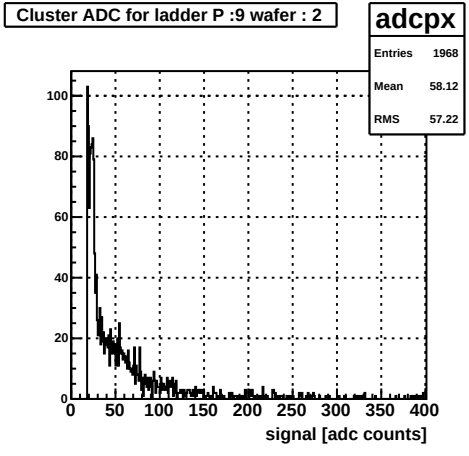

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8330
Mean 42.33
RMS 47.12
signal [adc counts]

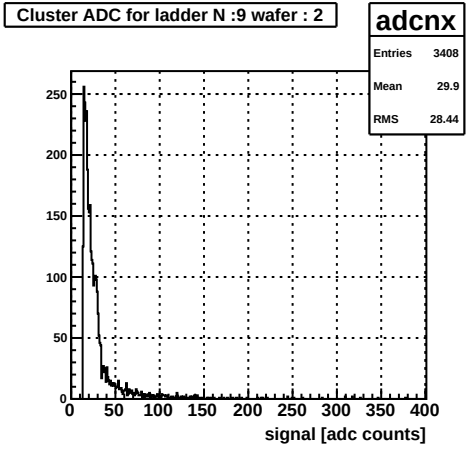

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 842
Mean 39.78
RMS 30.34
signal [adc counts]

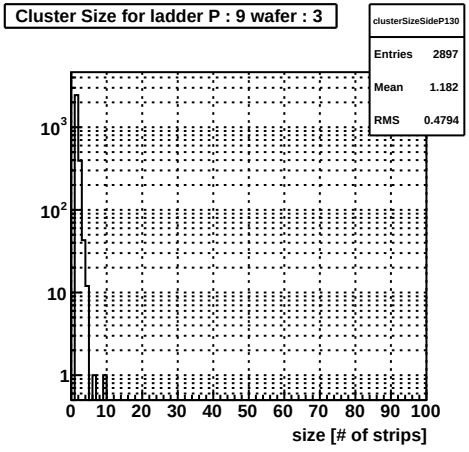

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1968
Mean 1.216
RMS 0.509
size [# of strips]

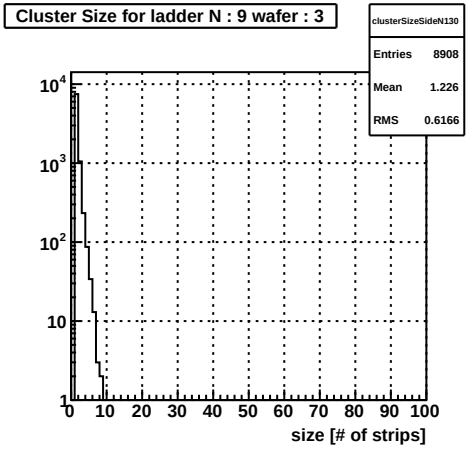

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3408
Mean 1.187
RMS 0.5252
size [# of strips]

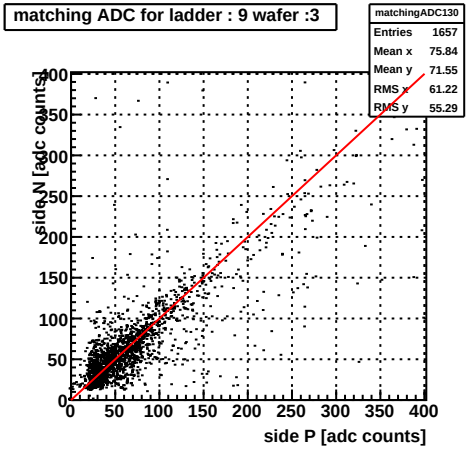

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 501
Mean x 69.17
Mean y 40.5
RMS x 57.92
RMS y 39.12
side N [adc counts]
side P [adc counts]

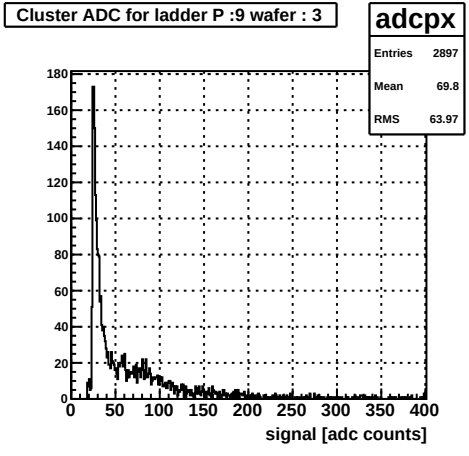

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1968
Mean 58.12
RMS 57.22
signal [adc counts]

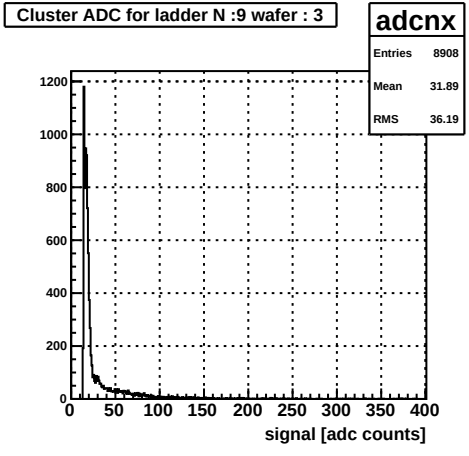

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3408
Mean 29.9
RMS 28.44
signal [adc counts]

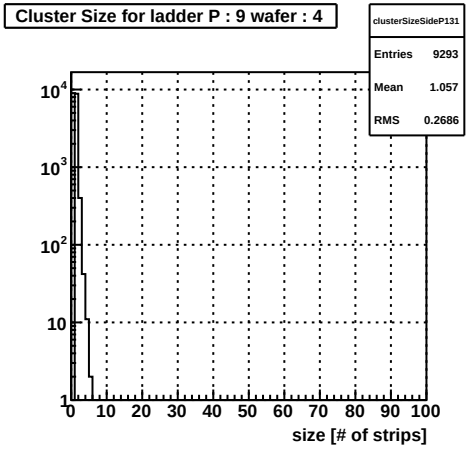

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2897
Mean 1.182
RMS 0.4794
size [# of strips]

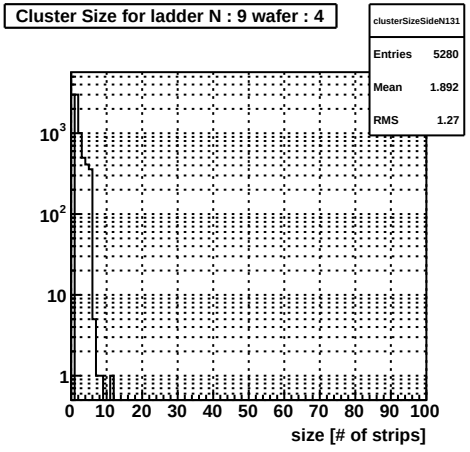

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 8908
Mean 1.226
RMS 0.6166
size [# of strips]

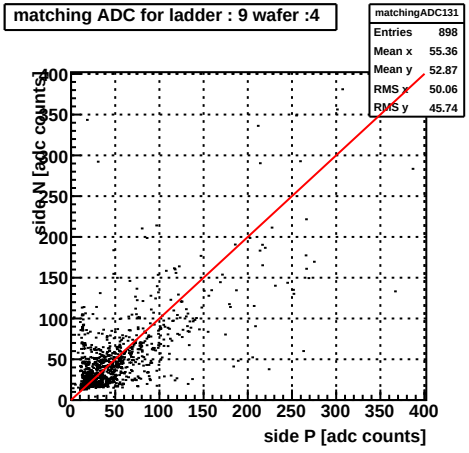

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1657
Mean x 75.84
Mean y 71.55
RMS x 61.22
RMS y 55.29
side N [adc counts]
side P [adc counts]

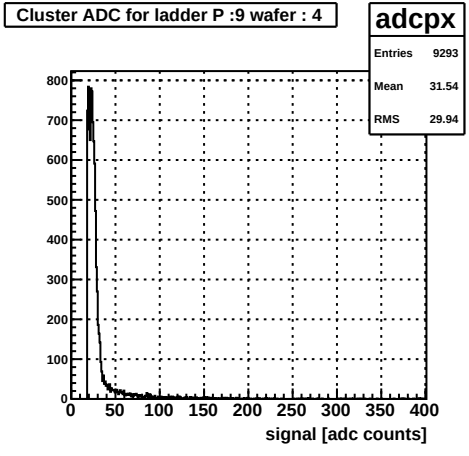

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2897
Mean 69.8
RMS 63.97
signal [adc counts]

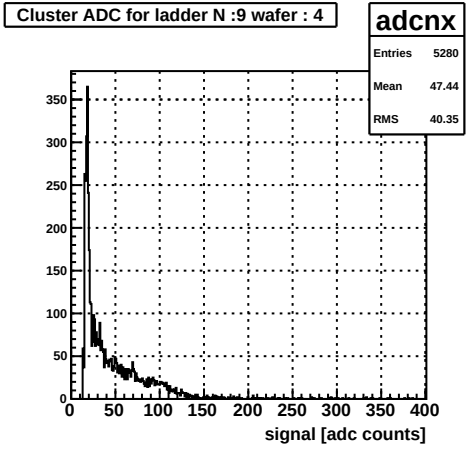

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 8908
Mean 31.89
RMS 36.19
signal [adc counts]

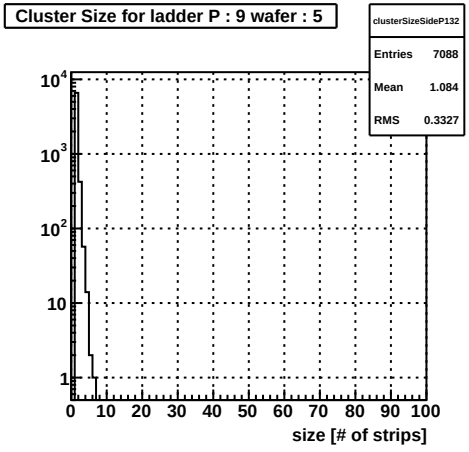

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9293
Mean 1.057
RMS 0.2686
size [# of strips]

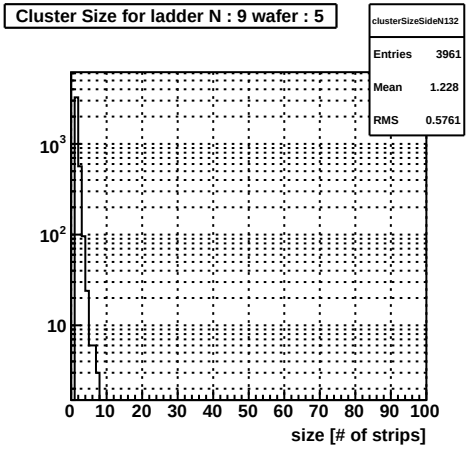

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5280
Mean 1.892
RMS 1.27
size [# of strips]

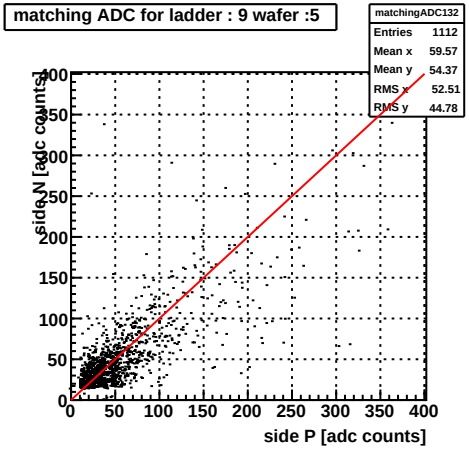

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 898
Mean x 55.36
Mean y 52.87
RMS x 50.06
RMS y 45.74
side N [adc counts]
side P [adc counts]

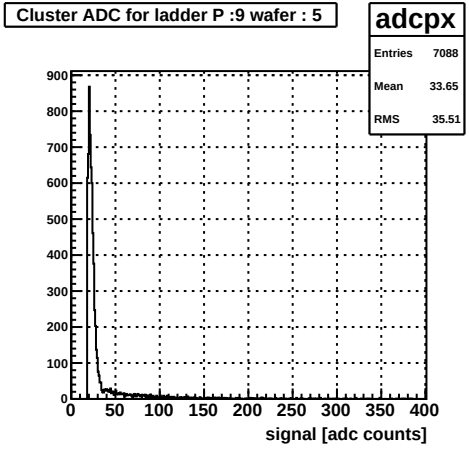

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9293
Mean 31.54
RMS 29.94
signal [adc counts]

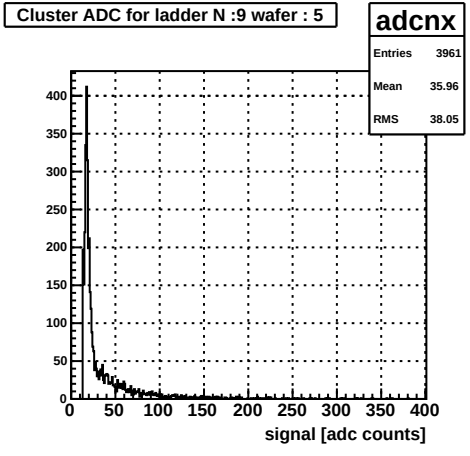

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5280
Mean 47.44
RMS 40.35
signal [adc counts]

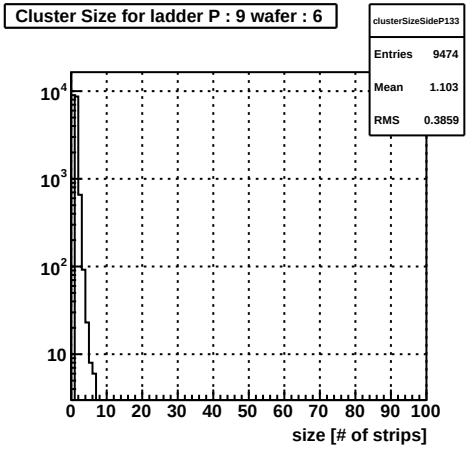

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7088
Mean 1.084
RMS 0.3327
size [# of strips]

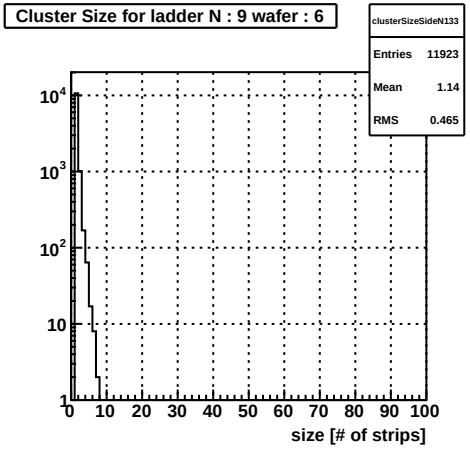

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3961
Mean 1.228
RMS 0.5761
size [# of strips]

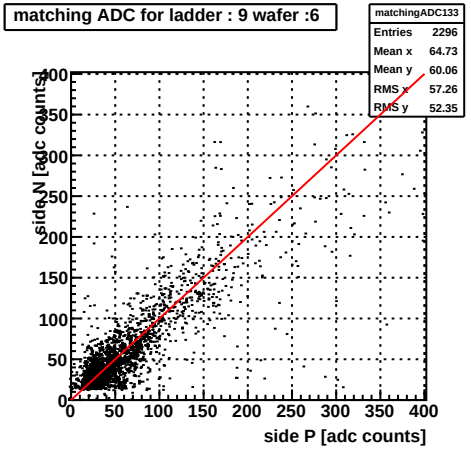

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1112
Mean x 59.57
Mean y 54.37
RMS x 52.51
RMS y 44.78
side N [adc counts]
side P [adc counts]

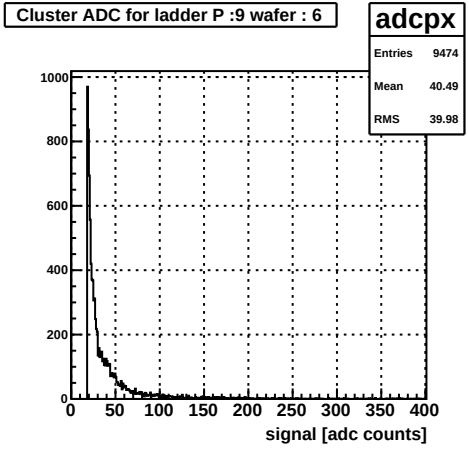

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7088
Mean 33.65
RMS 35.51
signal [adc counts]

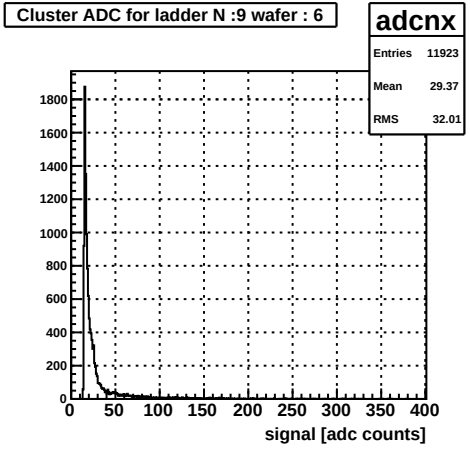

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3961
Mean 35.96
RMS 38.05
signal [adc counts]

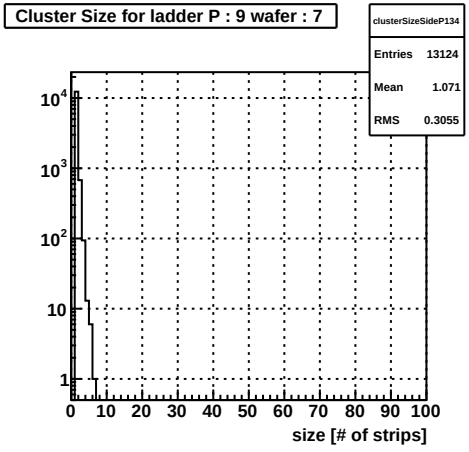

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9474
Mean 1.103
RMS 0.3859
size [# of strips]

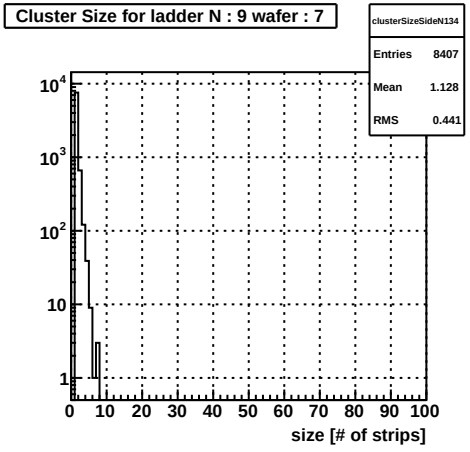

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 11923
Mean 1.14
RMS 0.465
size [# of strips]

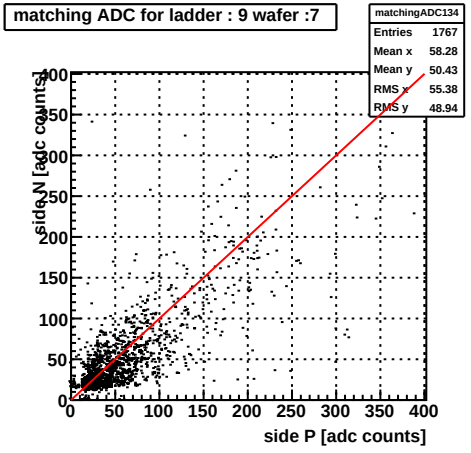

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2296
Mean x 64.73
Mean y 60.06
RMS x 57.26
RMS y 52.35
side N [adc counts]
side P [adc counts]

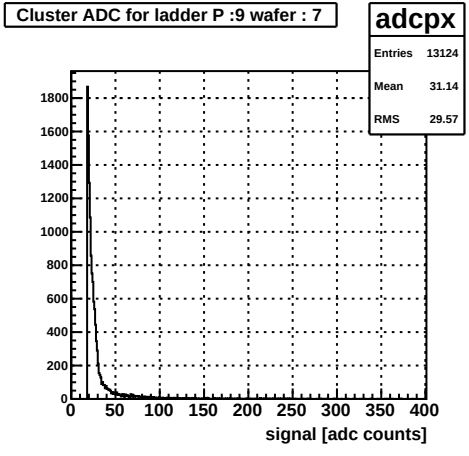

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9474
Mean 40.49
RMS 39.98
signal [adc counts]

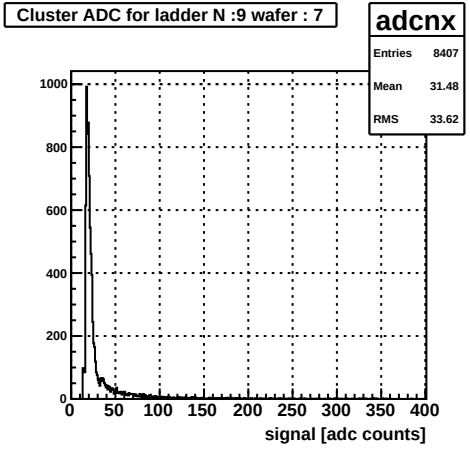

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 11923
Mean 29.37
RMS 32.01
signal [adc counts]

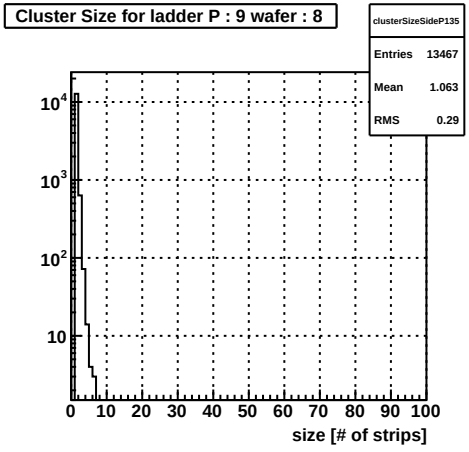

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13124
Mean 1.071
RMS 0.3055
size [# of strips]

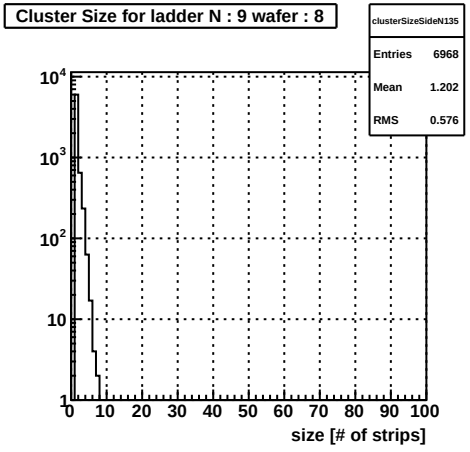

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8407
Mean 1.128
RMS 0.441
size [# of strips]

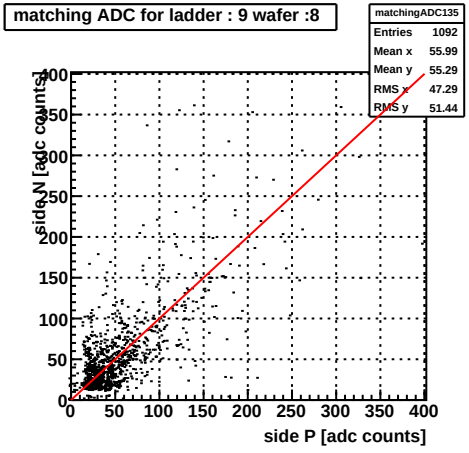

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1767
Mean x 58.28
Mean y 50.43
RMS x 55.38
RMS y 48.94
side N [adc counts]
side P [adc counts]

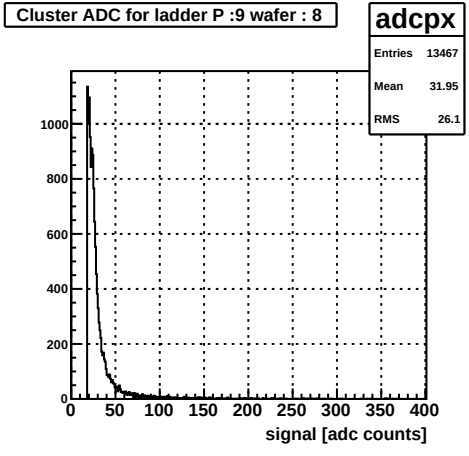

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13124
Mean 31.14
RMS 29.57
signal [adc counts]

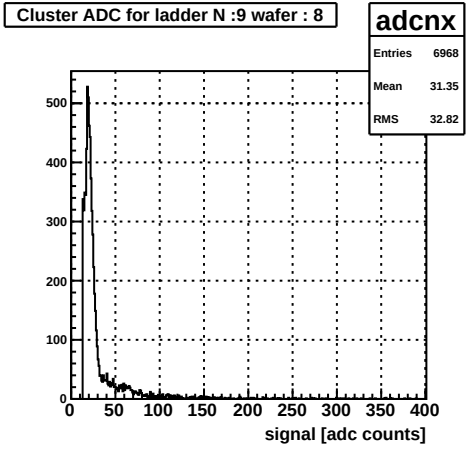

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8407
Mean 31.48
RMS 33.62
signal [adc counts]

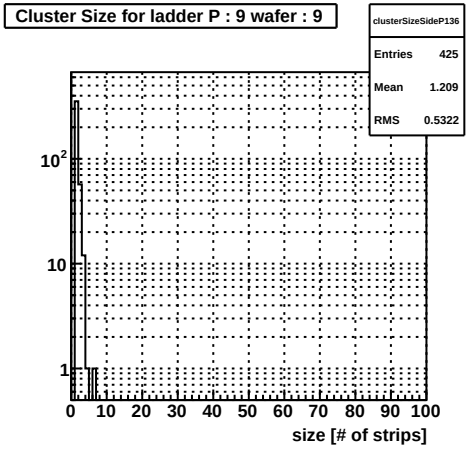

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13467
Mean 1.063
RMS 0.29
size [# of strips]

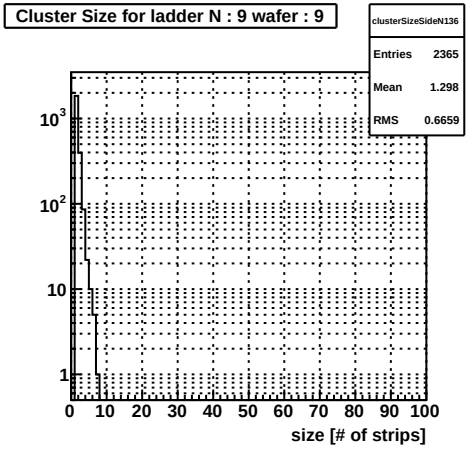

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 6968
Mean 1.202
RMS 0.576
size [# of strips]

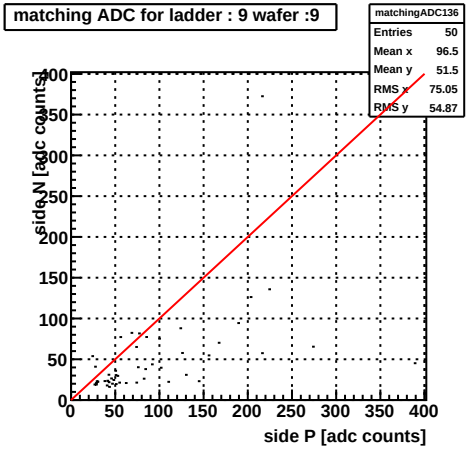

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1092
Mean x 55.99
Mean y 55.29
RMS x 47.29
RMS y 51.44
side N [adc counts]
side P [adc counts]

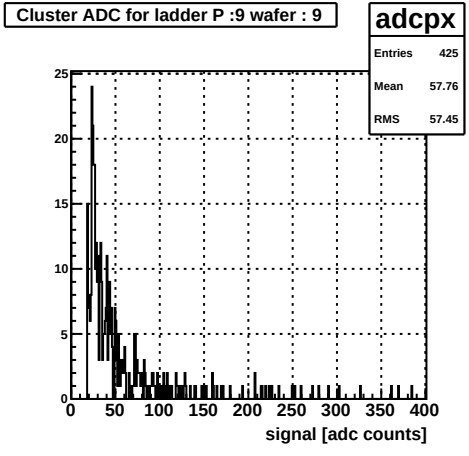

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13467
Mean 31.95
RMS 26.1
signal [adc counts]

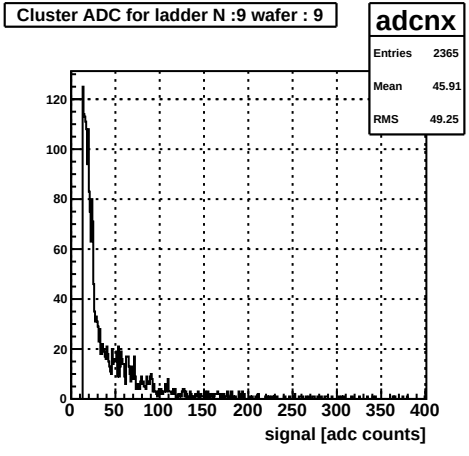

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 6968
Mean 31.35
RMS 32.82
signal [adc counts]

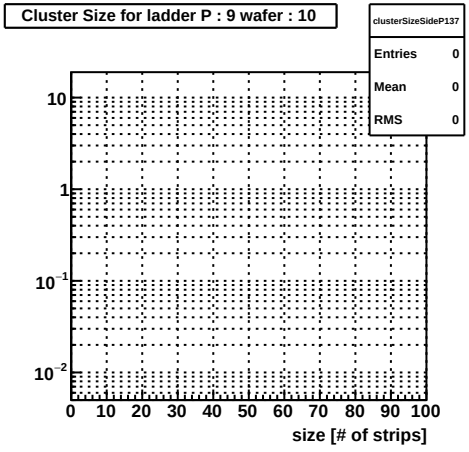

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 425
Mean 1.209
RMS 0.5322
size [# of strips]

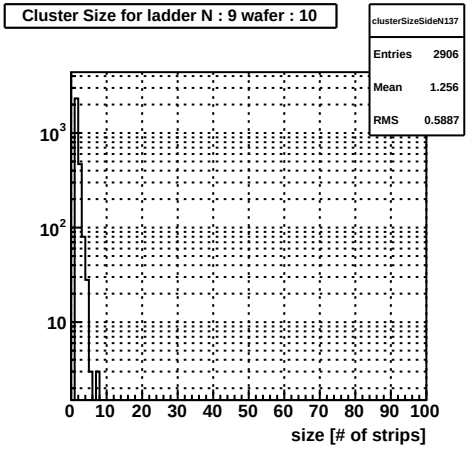

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2365
Mean 1.298
RMS 0.6659
size [# of strips]

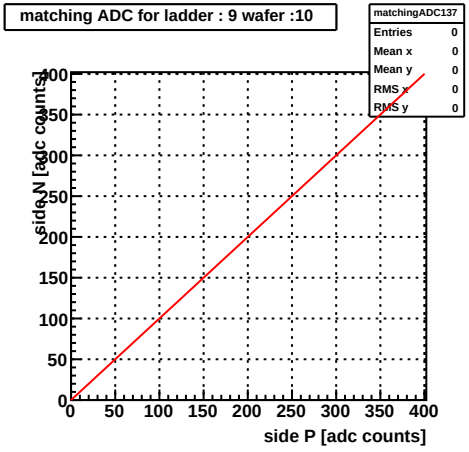

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 50
Mean x 96.5
Mean y 51.5
RMS x 75.05
RMS y 54.87
side N [adc counts]
side P [adc counts]

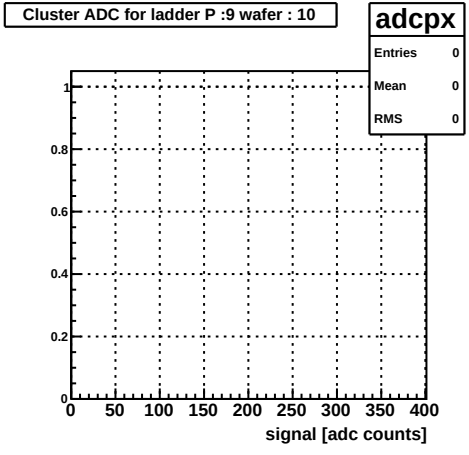

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 425
Mean 57.76
RMS 57.45
signal [adc counts]

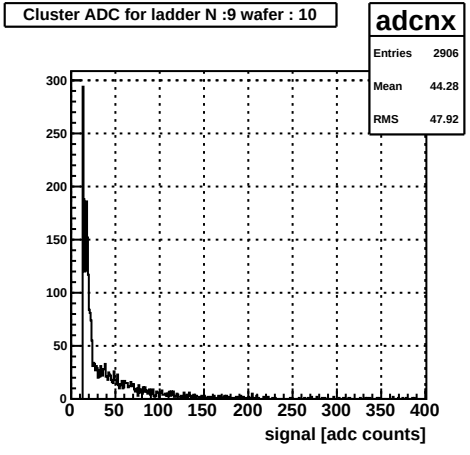

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2365
Mean 45.91
RMS 49.25
signal [adc counts]

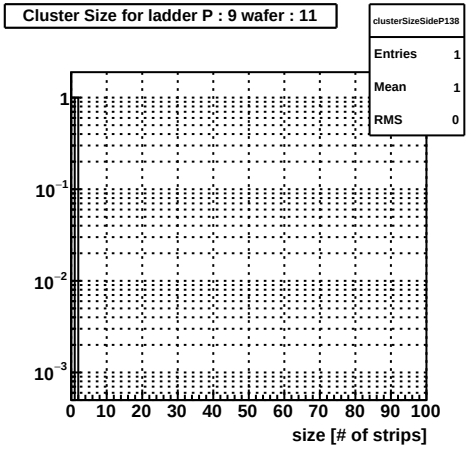

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

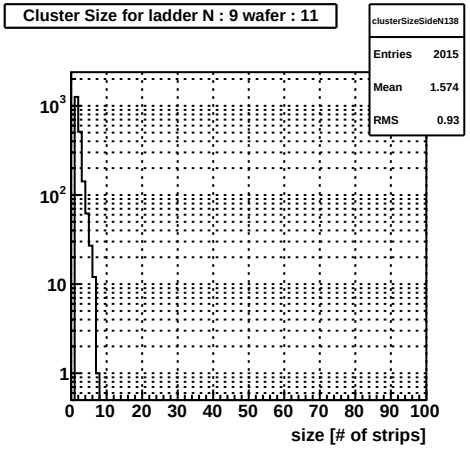

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2906
Mean 1.256
RMS 0.5887
size [# of strips]

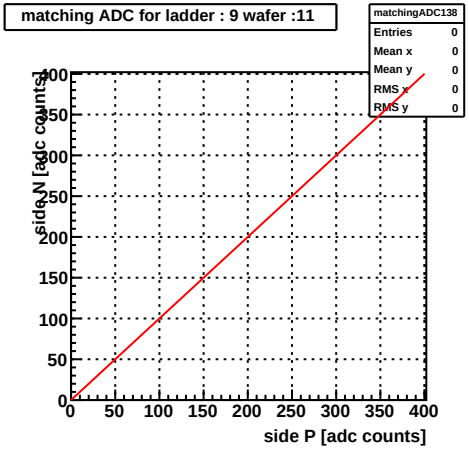

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

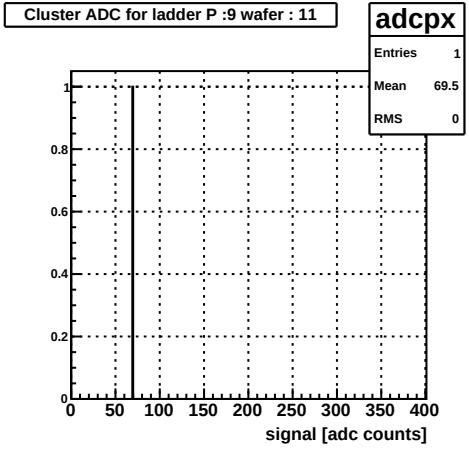

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

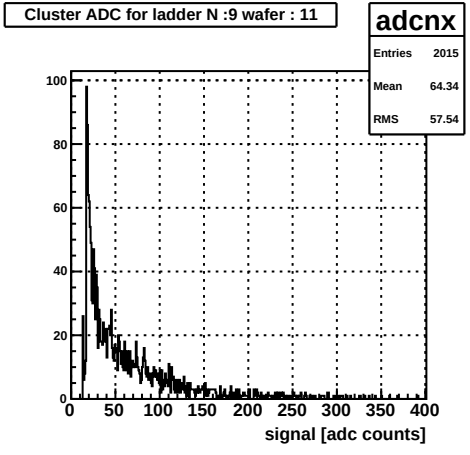

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2906
Mean 44.28
RMS 47.92
signal [adc counts]

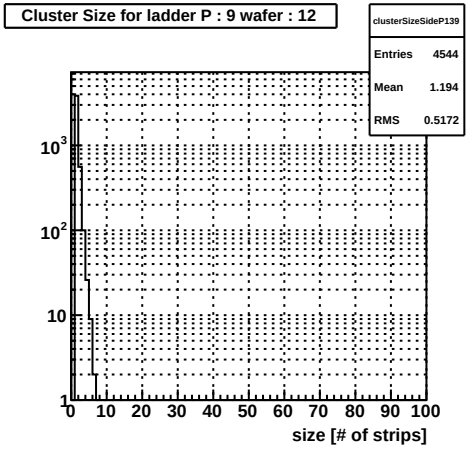

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

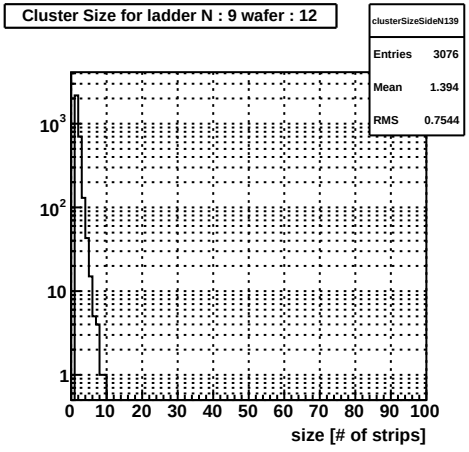

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2015
Mean 1.574
RMS 0.93
size [# of strips]

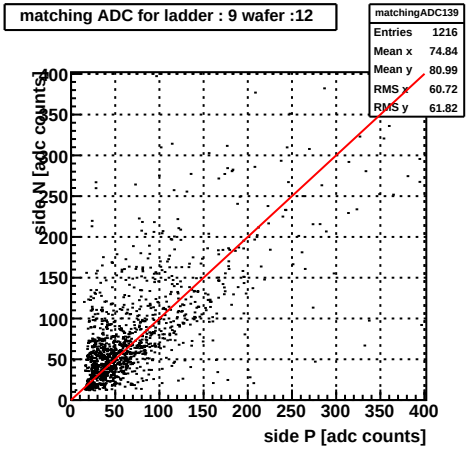

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

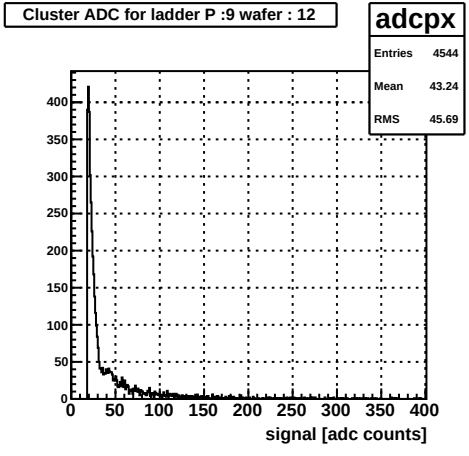

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 69.5
RMS 0
signal [adc counts]

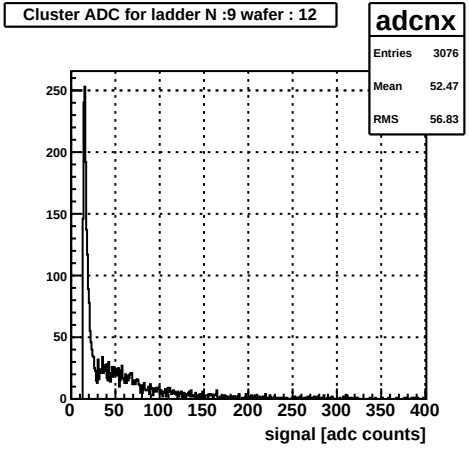

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2015
Mean 64.34
RMS 57.54
signal [adc counts]

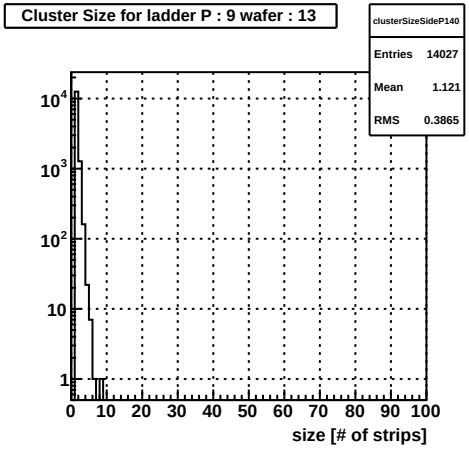

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4544
Mean 1.194
RMS 0.5172
size [# of strips]

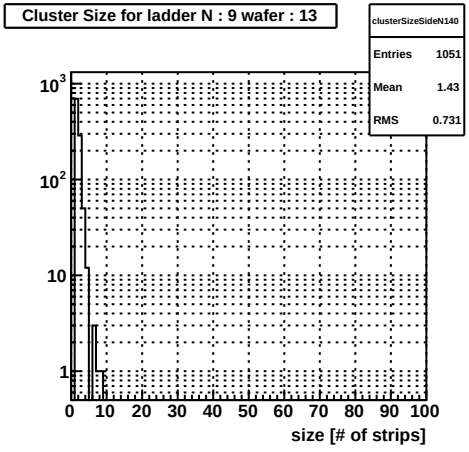

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3076
Mean 1.394
RMS 0.7544
size [# of strips]

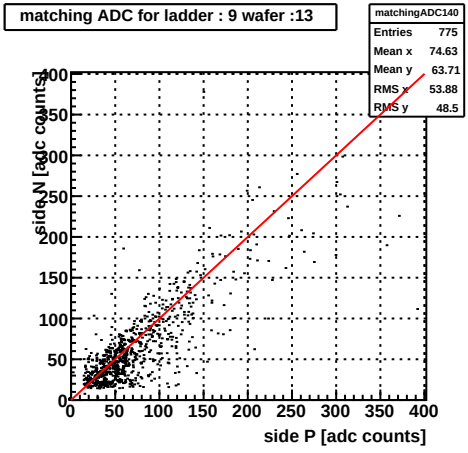

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1216
Mean x 74.84
Mean y 80.99
RMS x 60.72
RMS y 61.82
side N [adc counts]
side P [adc counts]

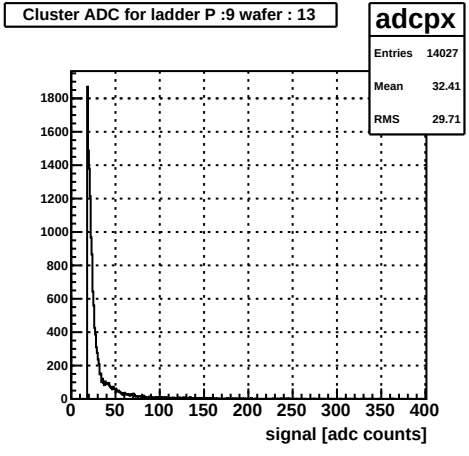

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4544
Mean 43.24
RMS 45.69
signal [adc counts]

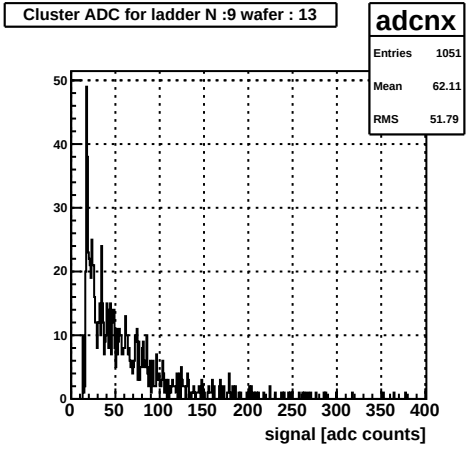

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3076
Mean 52.47
RMS 56.83
signal [adc counts]

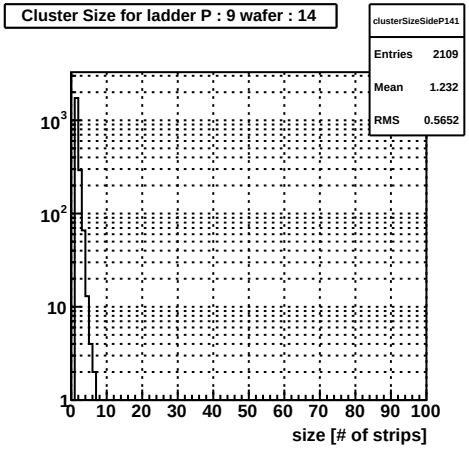

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14027
Mean 1.121
RMS 0.3865
size [# of strips]

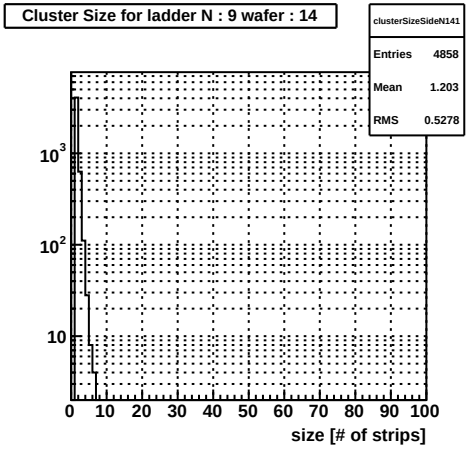

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1051
Mean 1.43
RMS 0.731
size [# of strips]

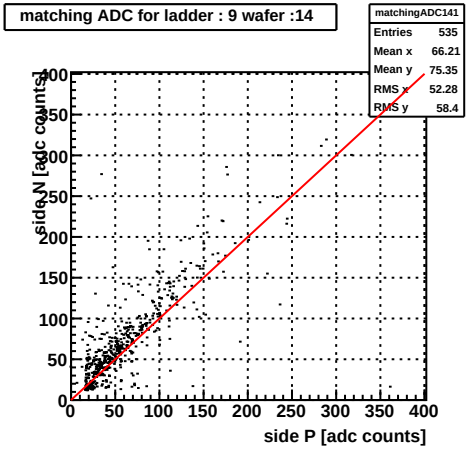

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 775
Mean x 74.63
Mean y 63.71
RMS x 53.88
RMS y 48.5
side N [adc counts]
side P [adc counts]

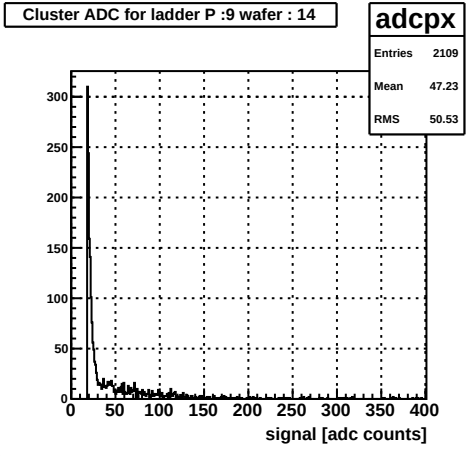

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14027
Mean 32.41
RMS 29.71
signal [adc counts]

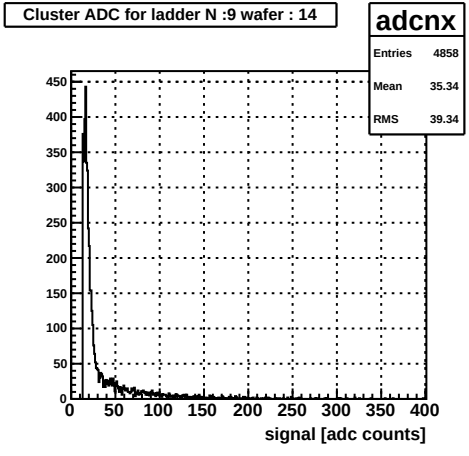

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1051
Mean 62.11
RMS 51.79
signal [adc counts]

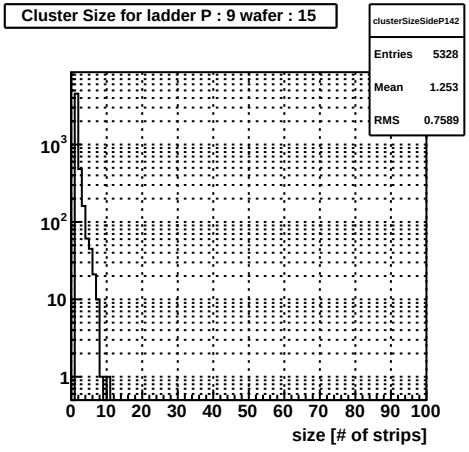

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2109
Mean 1.232
RMS 0.5652
size [# of strips]

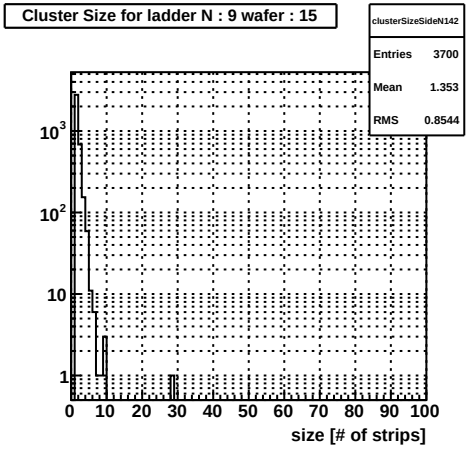

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4858
Mean 1.203
RMS 0.5278
size [# of strips]

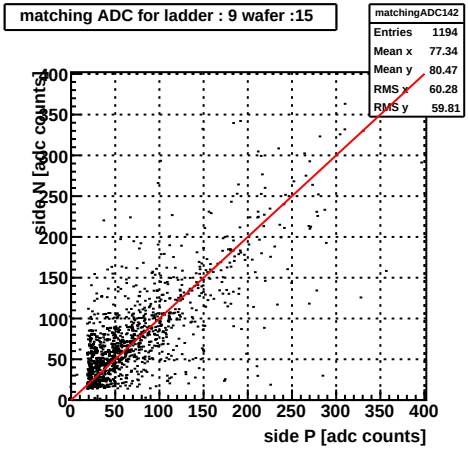

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 535
Mean x 66.21
Mean y 75.35
RMS x 52.28
RMS y 58.4
side N [adc counts]
side P [adc counts]

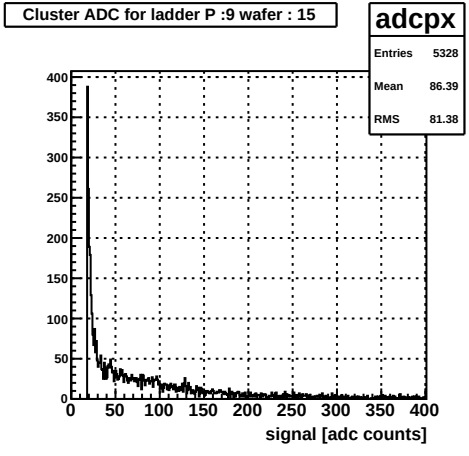

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2109
Mean 47.23
RMS 50.53
signal [adc counts]

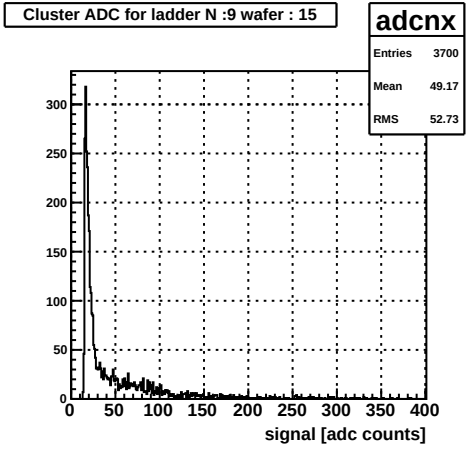

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4858
Mean 35.34
RMS 39.34
signal [adc counts]

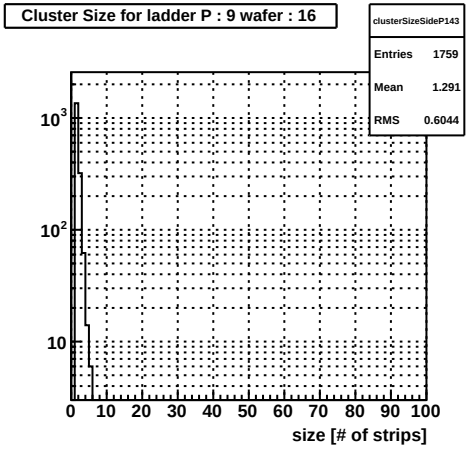

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5328
Mean 1.253
RMS 0.7589
size [# of strips]

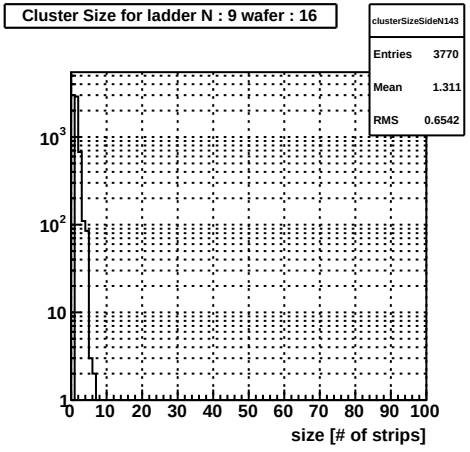

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3700
Mean 1.353
RMS 0.8544
size [# of strips]

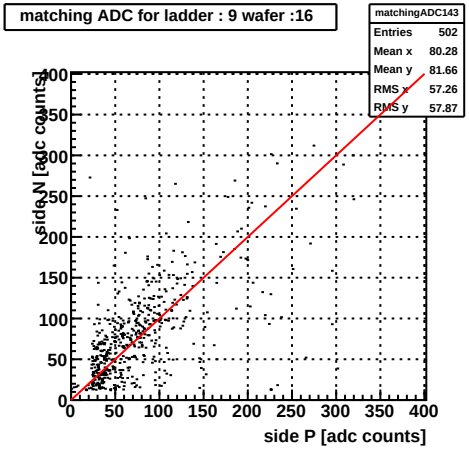

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1194
Mean x 77.34
Mean y 80.47
RMS x 60.28
RMS y 59.81
side N [adc counts]
side P [adc counts]

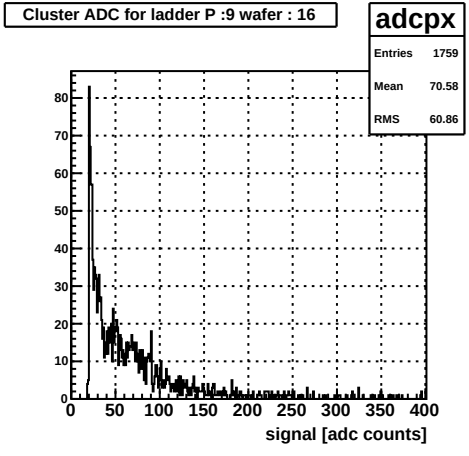

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5328
Mean 86.39
RMS 81.38
signal [adc counts]

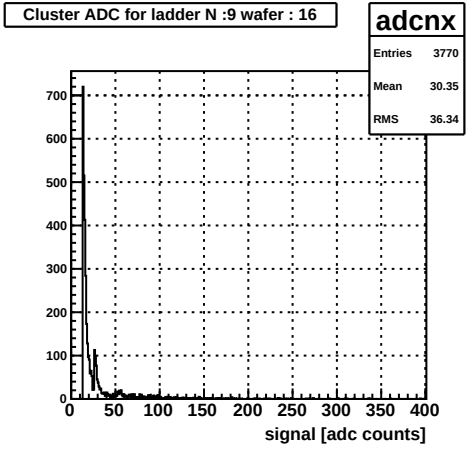

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3700
Mean 49.17
RMS 52.73
signal [adc counts]

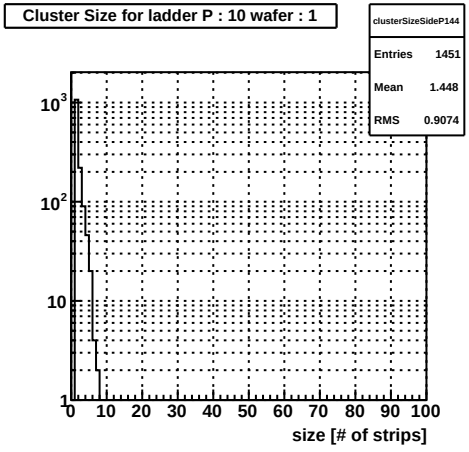

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1759
Mean 1.291
RMS 0.6044
size [# of strips]

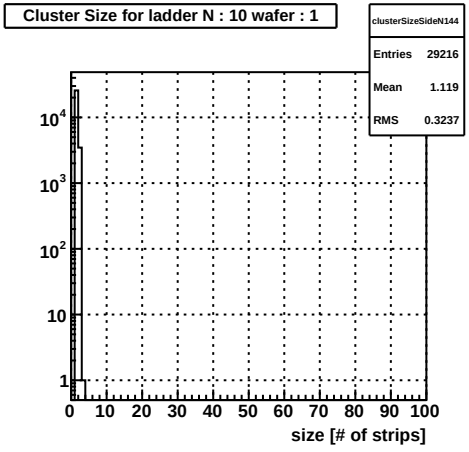

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3770
Mean 1.311
RMS 0.6542
size [# of strips]

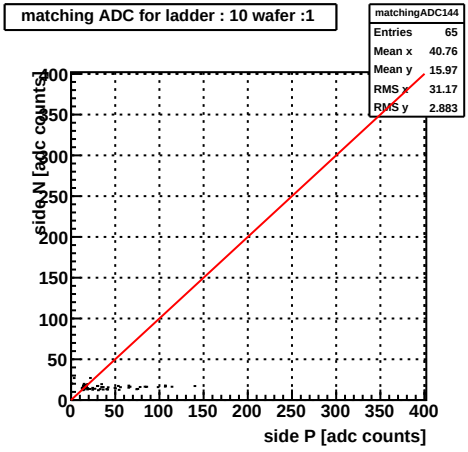

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 502
Mean x 80.28
Mean y 81.66
RMS x 57.26
RMS y 57.87
side N [adc counts]
side P [adc counts]

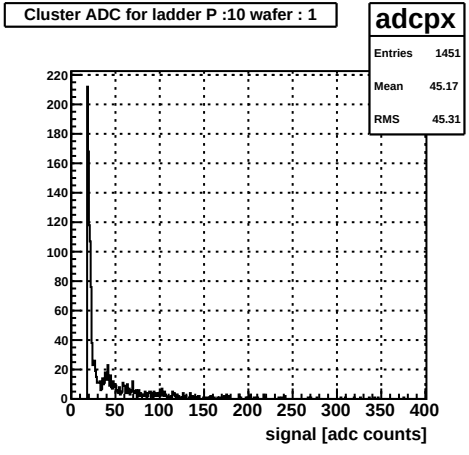

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1759
Mean 70.58
RMS 60.86
signal [adc counts]

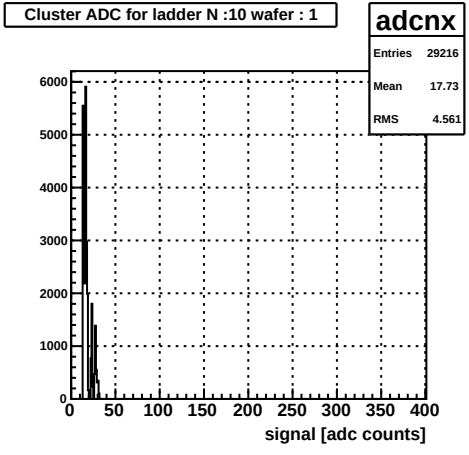

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3770
Mean 30.35
RMS 36.34
signal [adc counts]

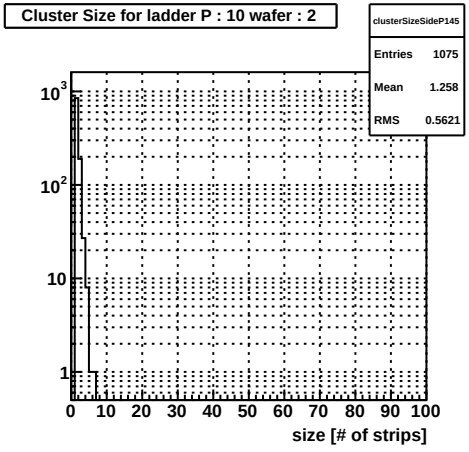

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1451
Mean 1.448
RMS 0.9074
size [# of strips]

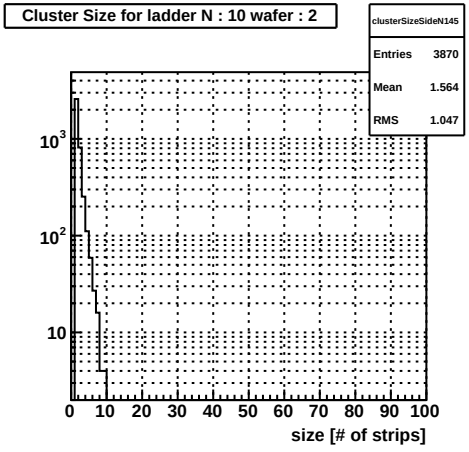

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 29216
Mean 1.119
RMS 0.3237
size [# of strips]

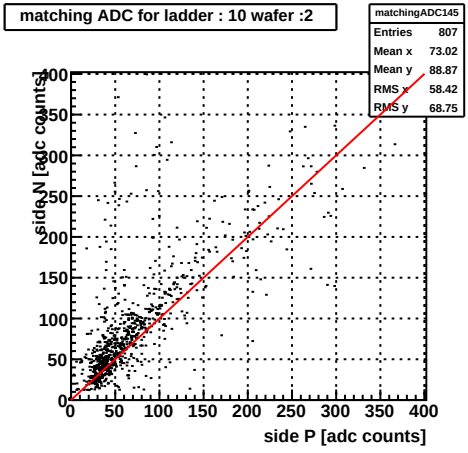

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 65
Mean x 40.76
Mean y 15.97
RMS x 31.17
RMS y 2.883
side N [adc counts]
side P [adc counts]

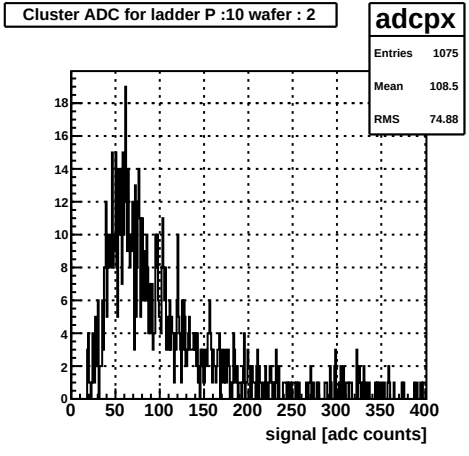

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1451
Mean 45.17
RMS 45.31
signal [adc counts]

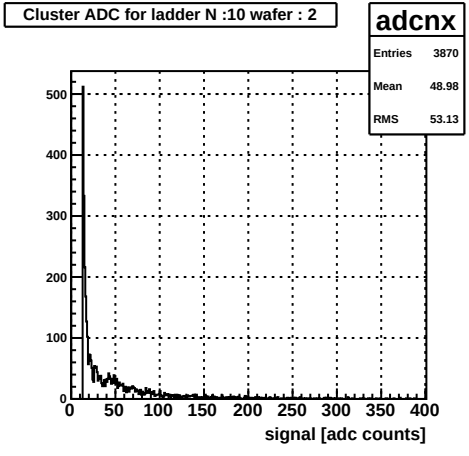

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 29216
Mean 17.73
RMS 4.561
signal [adc counts]

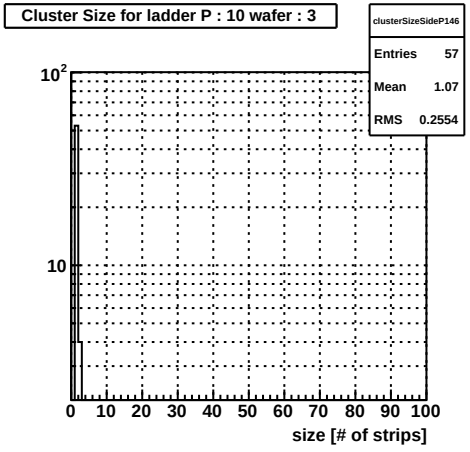

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1075
Mean 1.258
RMS 0.5621
size [# of strips]

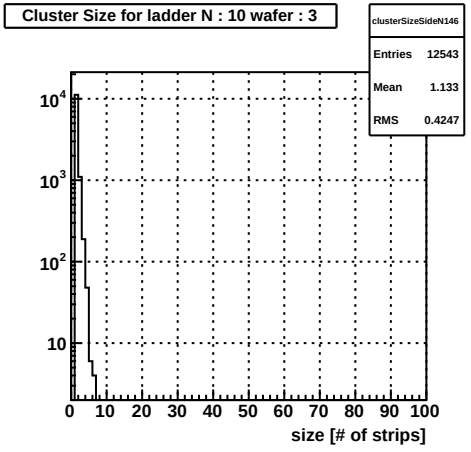

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3870
Mean 1.564
RMS 1.047
size [# of strips]

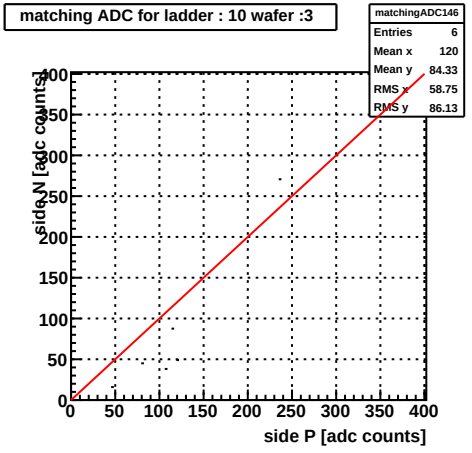

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 807
Mean x 73.02
Mean y 88.87
RMS x 58.42
RMS y 68.75
side N [adc counts]
side P [adc counts]

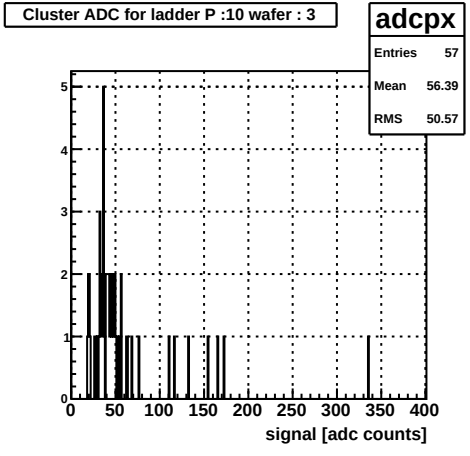

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1075
Mean 108.5
RMS 74.88
signal [adc counts]

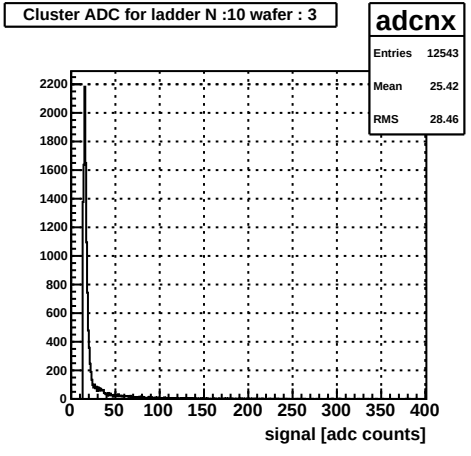

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3870
Mean 48.98
RMS 53.13
signal [adc counts]

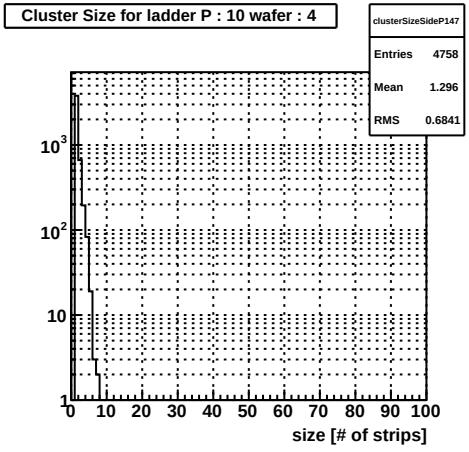

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 57
Mean 1.07
RMS 0.2554
size [# of strips]

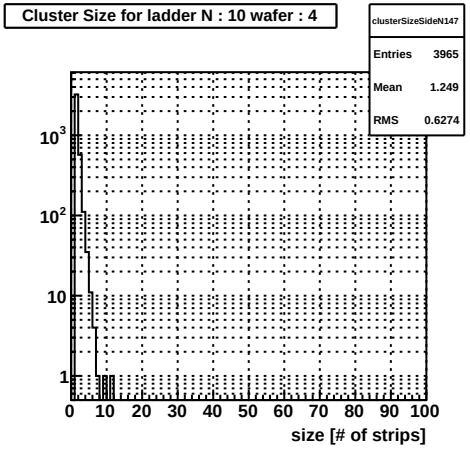

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12543
Mean 1.133
RMS 0.4247
size [# of strips]

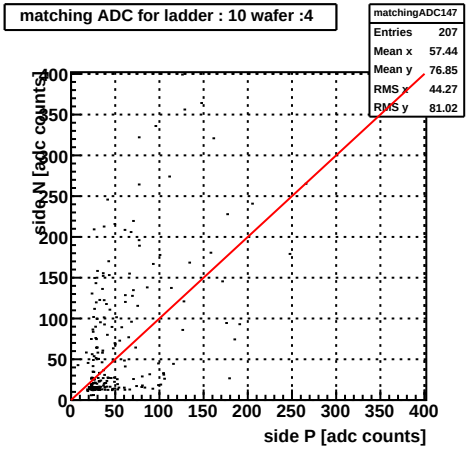

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 6
Mean x 120
Mean y 84.33
RMS x 58.75
RMS y 86.13
side N [adc counts]
side P [adc counts]

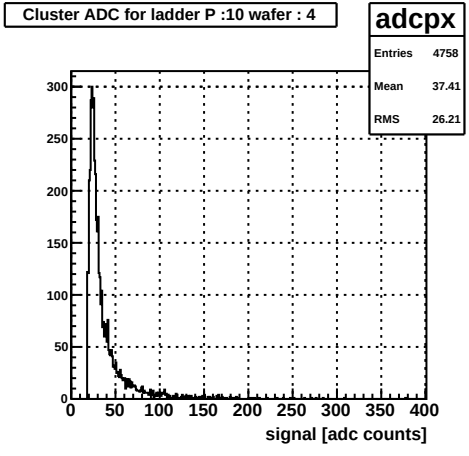

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 57
Mean 56.39
RMS 50.57
signal [adc counts]

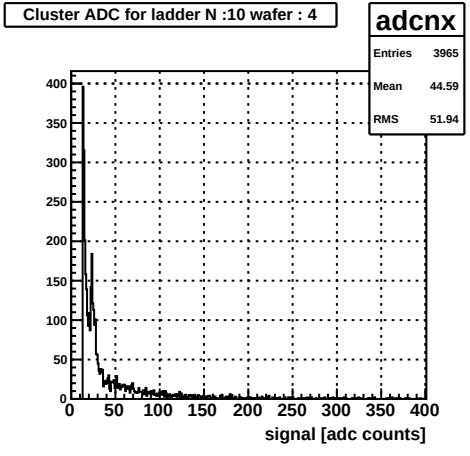

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12543
Mean 25.42
RMS 28.46
signal [adc counts]

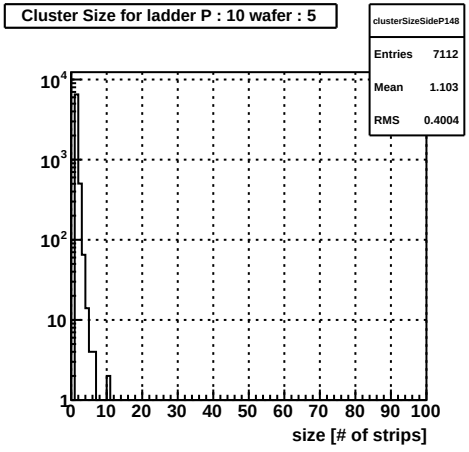

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4758
Mean 1.296
RMS 0.6841
size [# of strips]

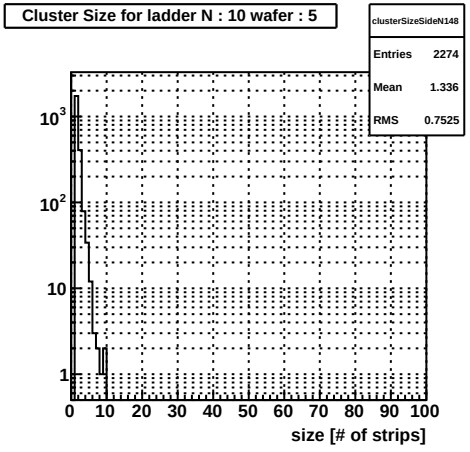

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3965
Mean 1.249
RMS 0.6274
size [# of strips]

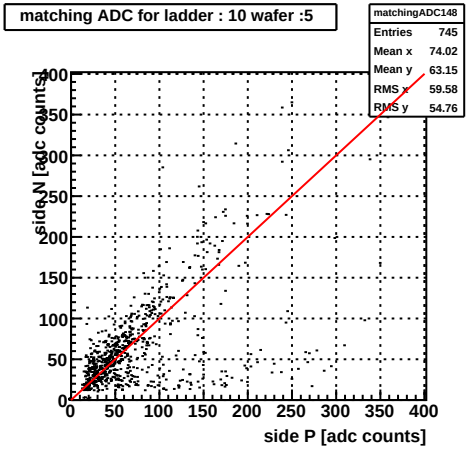

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 207
Mean x 57.44
Mean y 76.85
RMS x 44.27
RMS y 81.02
side N [adc counts]
side P [adc counts]

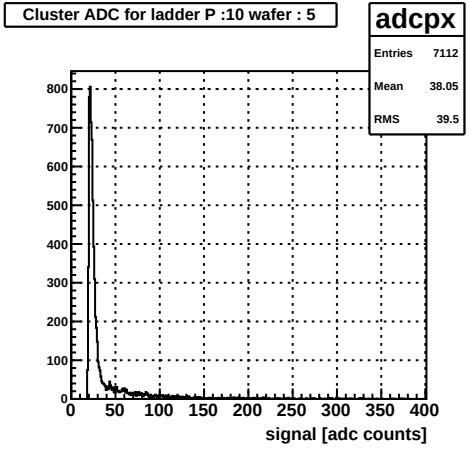

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4758
Mean 37.41
RMS 26.21
signal [adc counts]

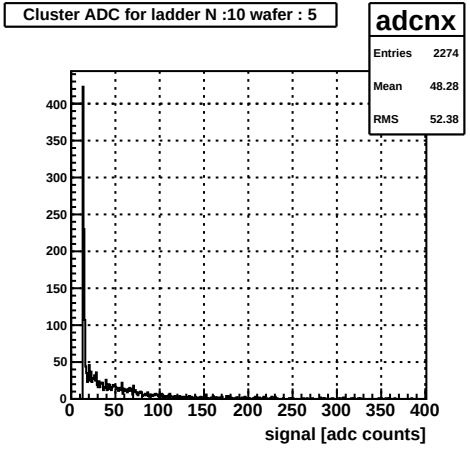

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3965
Mean 44.59
RMS 51.94
signal [adc counts]

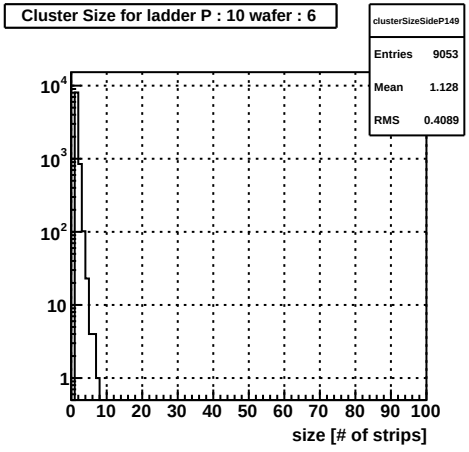

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7112
Mean 1.103
RMS 0.4004
size [# of strips]

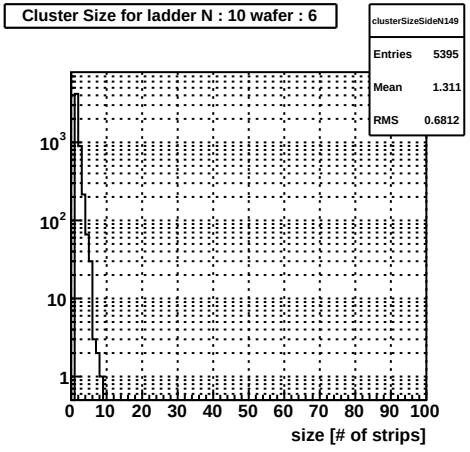

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2274
Mean 1.336
RMS 0.7525
size [# of strips]

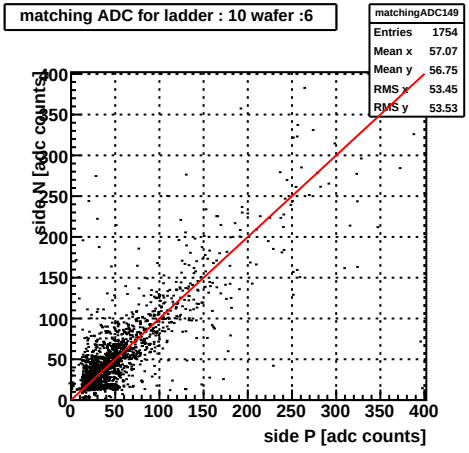

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 745
Mean x 74.02
Mean y 63.15
RMS x 59.58
RMS y 54.76
side N [adc counts]
side P [adc counts]

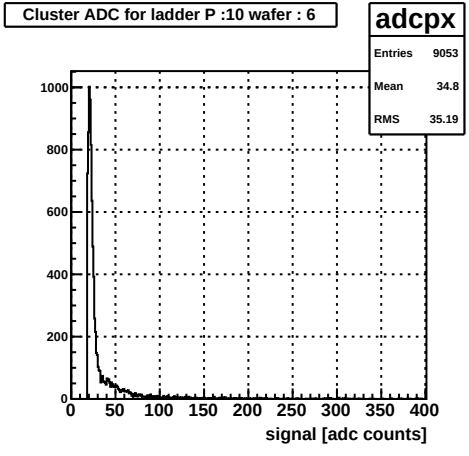

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7112
Mean 38.05
RMS 39.5
signal [adc counts]

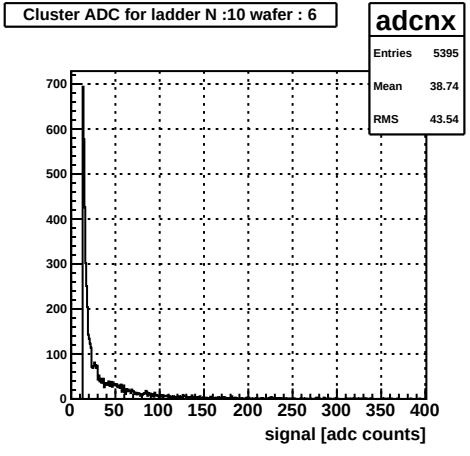

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2274
Mean 48.28
RMS 52.38
signal [adc counts]

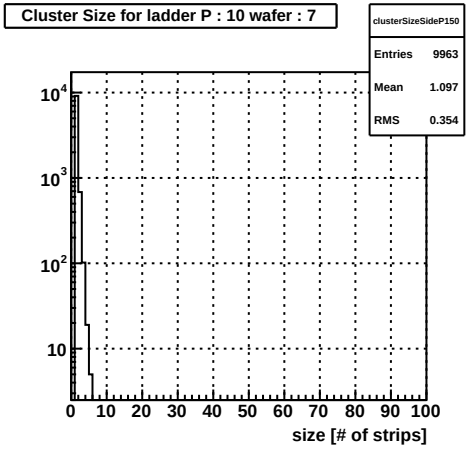

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9053
Mean 1.128
RMS 0.4089
size [# of strips]

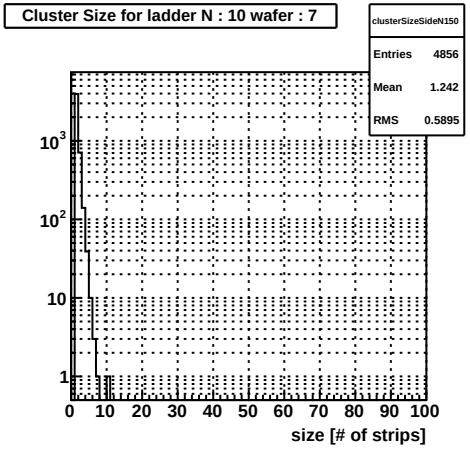

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5395
Mean 1.311
RMS 0.6812
size [# of strips]

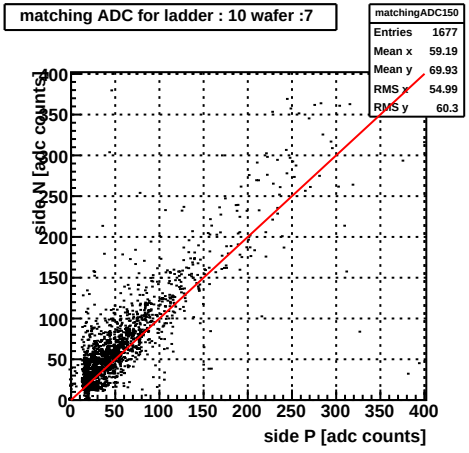

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1754
Mean x 57.07
Mean y 56.75
RMS x 53.45
RMS y 53.53
side N [adc counts]
side P [adc counts]

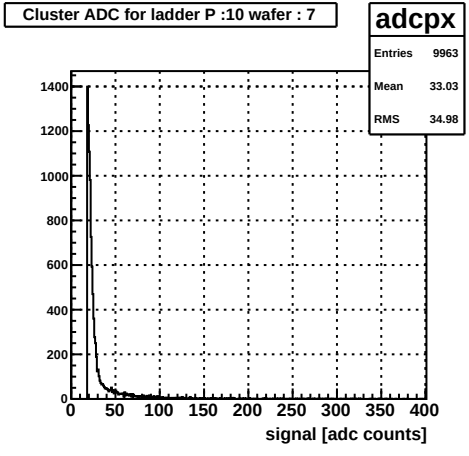

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9053
Mean 34.8
RMS 35.19
signal [adc counts]

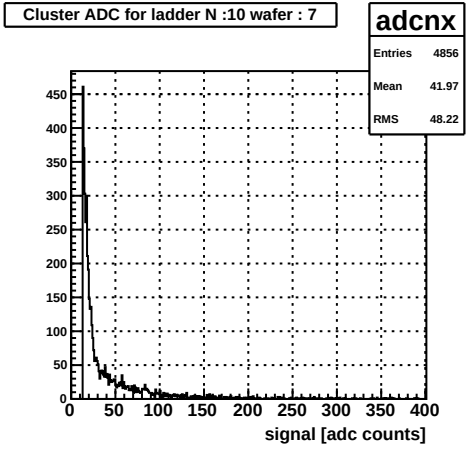

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5395
Mean 38.74
RMS 43.54
signal [adc counts]

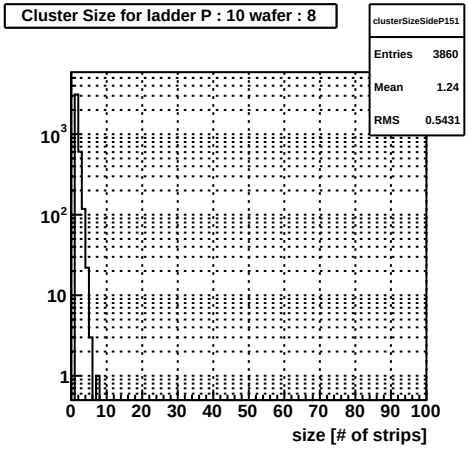

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9963
Mean 1.097
RMS 0.354
size [# of strips]

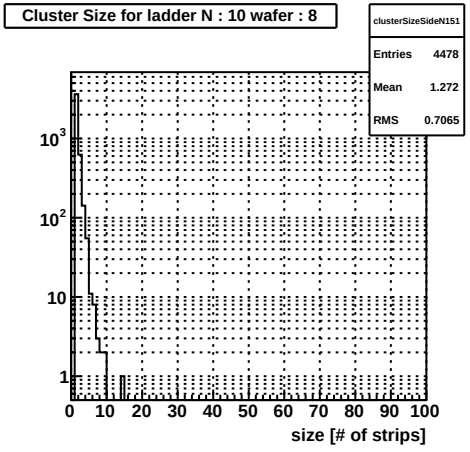

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4856
Mean 1.242
RMS 0.5895
size [# of strips]

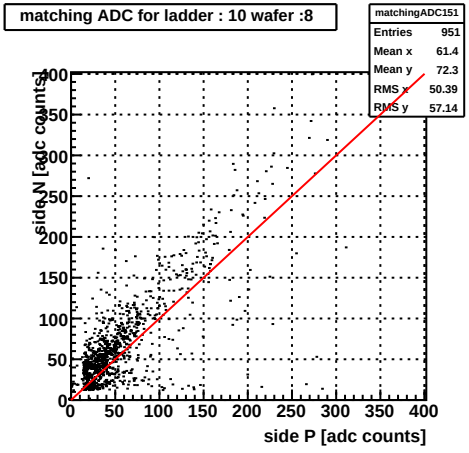

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1677
Mean x 59.19
Mean y 69.93
RMS x 54.99
RMS y 60.3
side N [adc counts]
side P [adc counts]

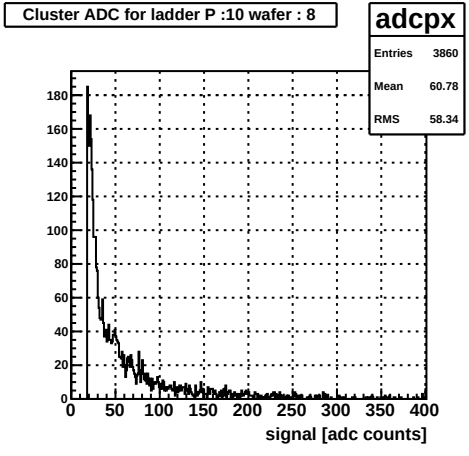

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9963
Mean 33.03
RMS 34.98
signal [adc counts]

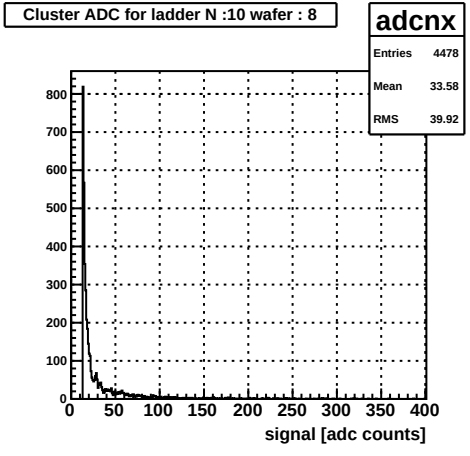

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4856
Mean 41.97
RMS 48.22
signal [adc counts]

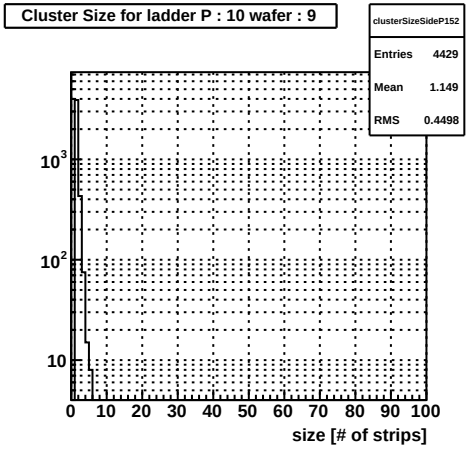

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3860
Mean 1.24
RMS 0.5431
size [# of strips]

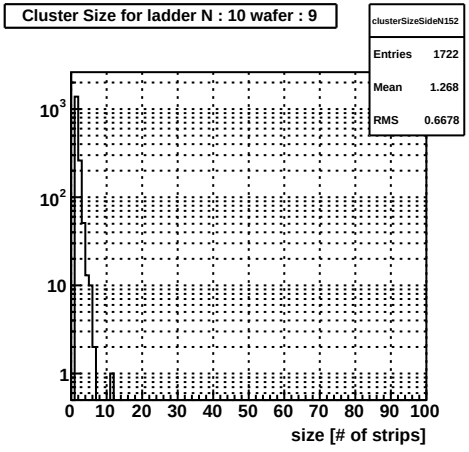

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4478
Mean 1.272
RMS 0.7065
size [# of strips]

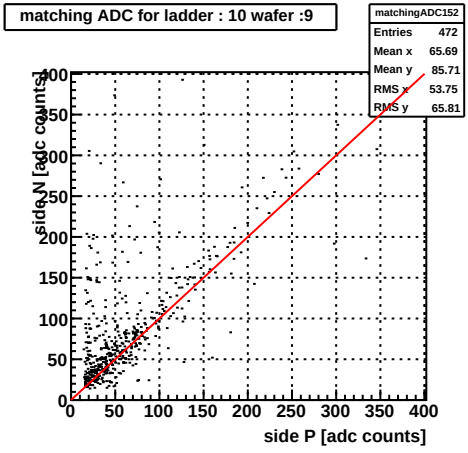

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 951
Mean x 61.4
Mean y 72.3
RMS x 50.39
RMS y 57.14
side N [adc counts]
side P [adc counts]

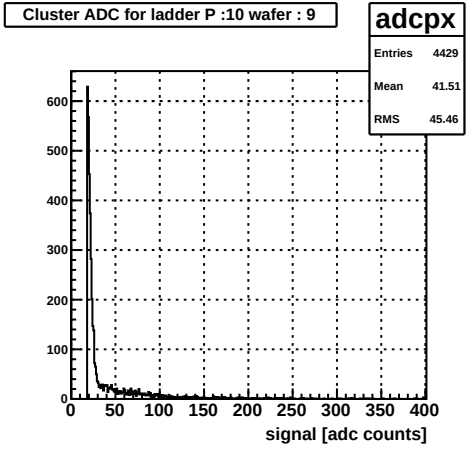

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3860
Mean 60.78
RMS 58.34
signal [adc counts]

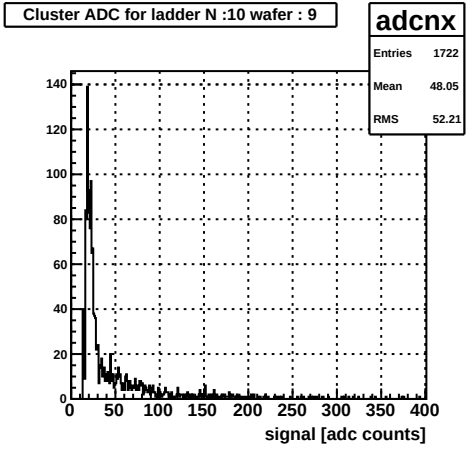

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4478
Mean 33.58
RMS 39.92
signal [adc counts]

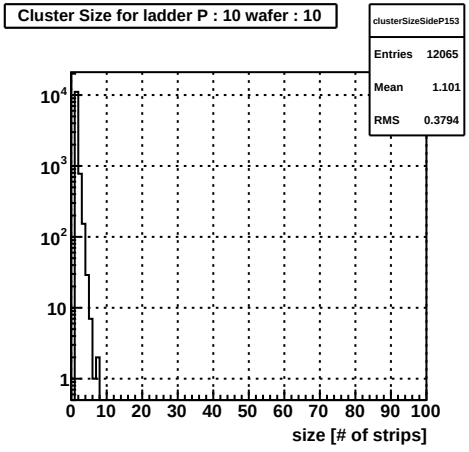

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4429
Mean 1.149
RMS 0.4498
size [# of strips]

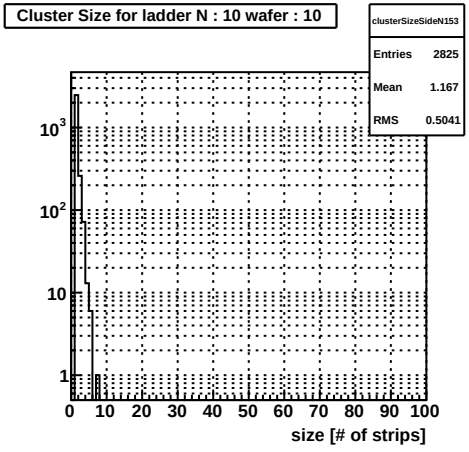

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1722
Mean 1.268
RMS 0.6678
size [# of strips]

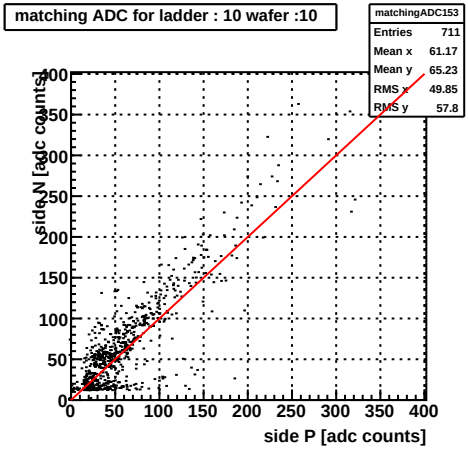

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 472
Mean x 65.69
Mean y 85.71
RMS x 53.75
RMS y 65.81
side N [adc counts]
side P [adc counts]

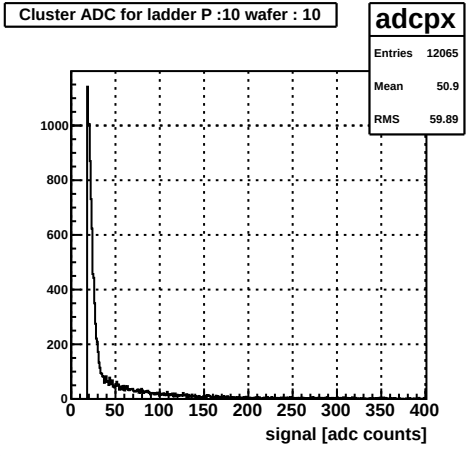

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4429
Mean 41.51
RMS 45.46
signal [adc counts]

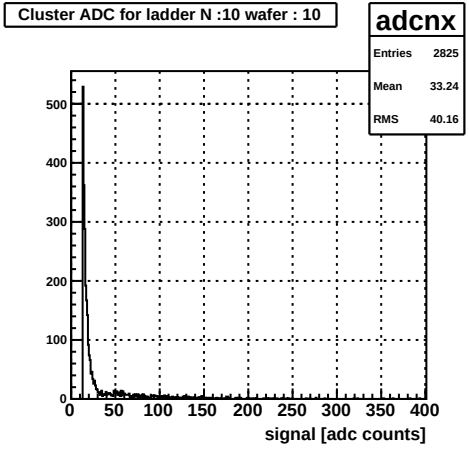

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1722
Mean 48.05
RMS 52.21
signal [adc counts]

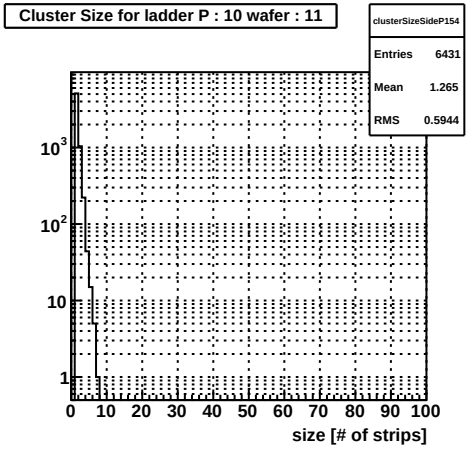

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12065
Mean 1.101
RMS 0.3794
size [# of strips]

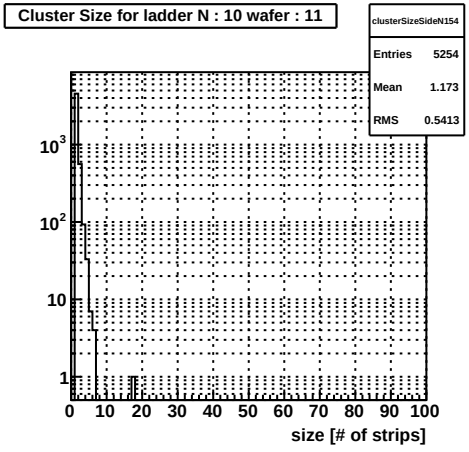

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2825
Mean 1.167
RMS 0.5041
size [# of strips]

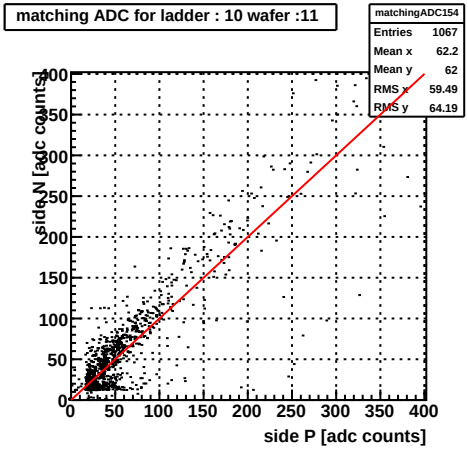

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 711
Mean x 61.17
Mean y 65.23
RMS x 49.85
RMS y 57.8
side N [adc counts]
side P [adc counts]

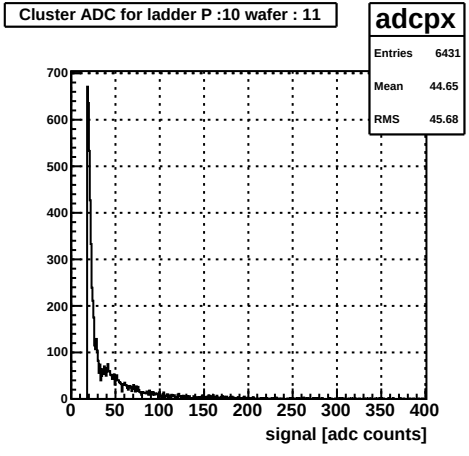

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12065
Mean 50.9
RMS 59.89
signal [adc counts]

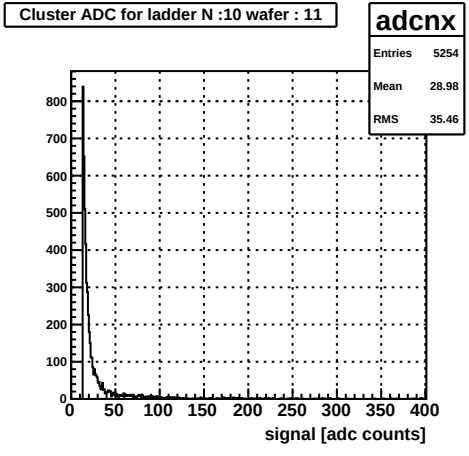

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2825
Mean 33.24
RMS 40.16
signal [adc counts]

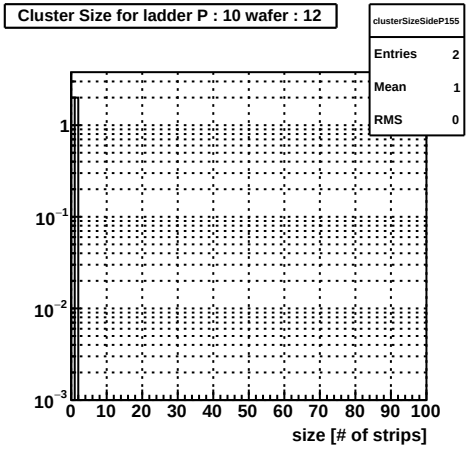

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6431
Mean 1.265
RMS 0.5944
size [# of strips]

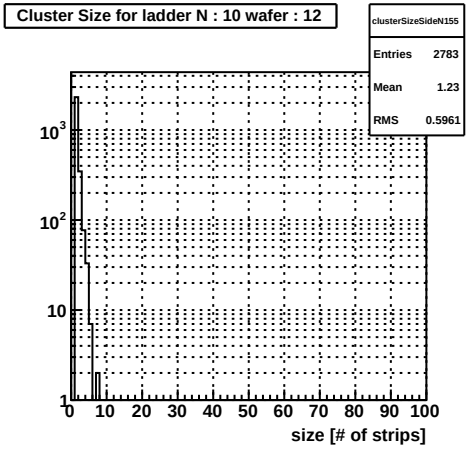

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5254
Mean 1.173
RMS 0.5413
size [# of strips]

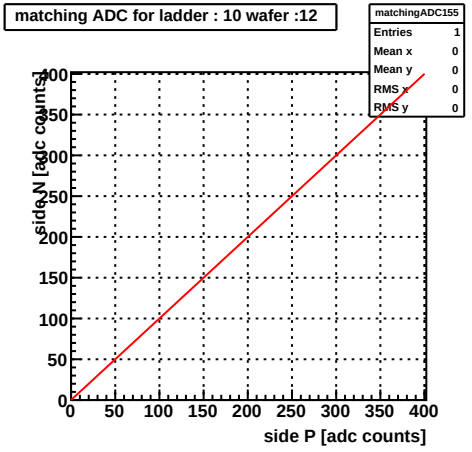

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1067
Mean x 62.2
Mean y 62
RMS x 59.49
RMS y 64.19
side N [adc counts]
side P [adc counts]

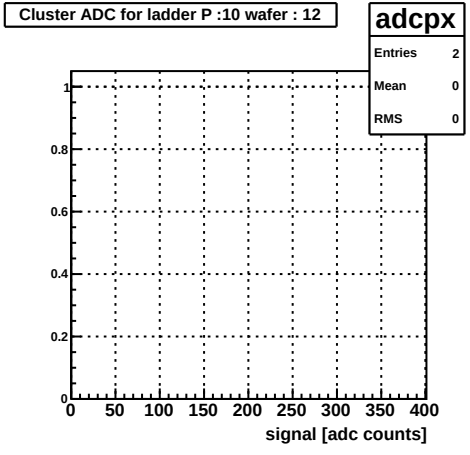

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6431
Mean 44.65
RMS 45.68
signal [adc counts]

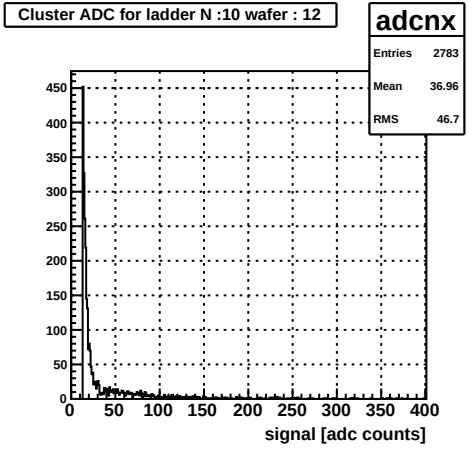

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5254
Mean 28.98
RMS 35.46
signal [adc counts]

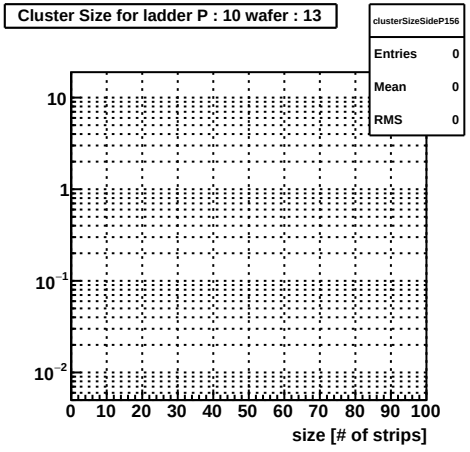

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

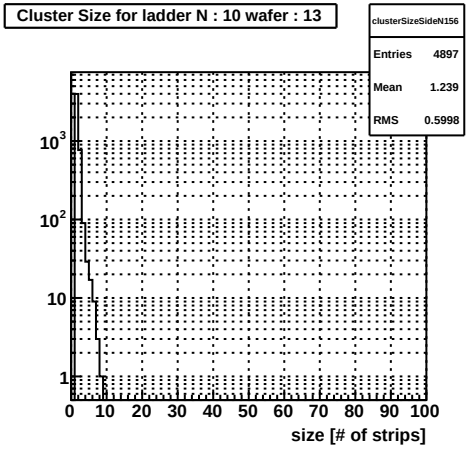

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2783
Mean 1.23
RMS 0.5961
size [# of strips]

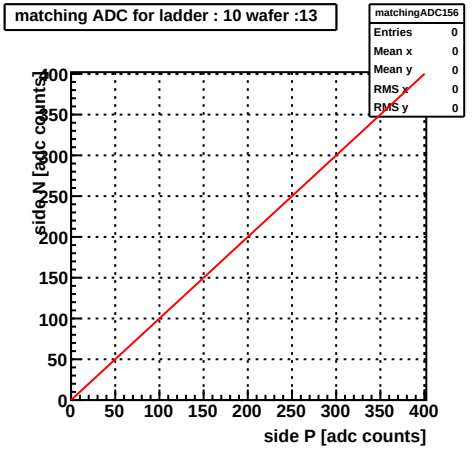

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

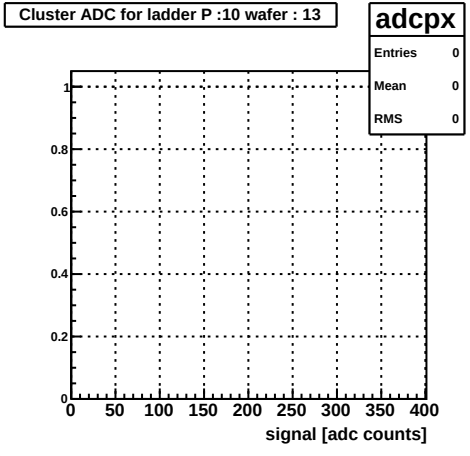

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

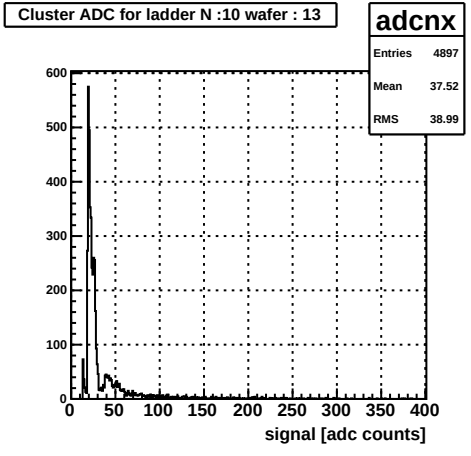

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2783
Mean 36.96
RMS 46.7
signal [adc counts]

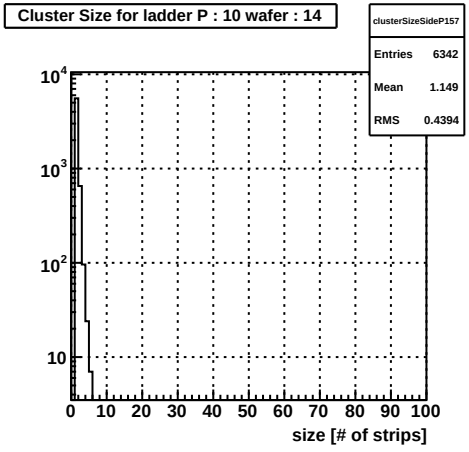

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

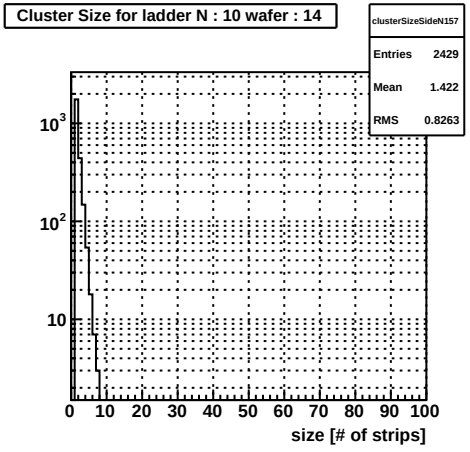

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4897
Mean 1.239
RMS 0.5998
size [# of strips]

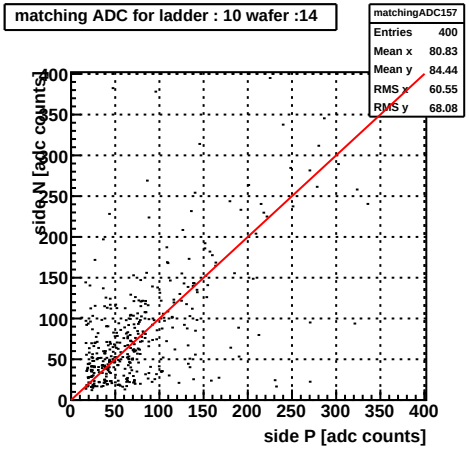

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

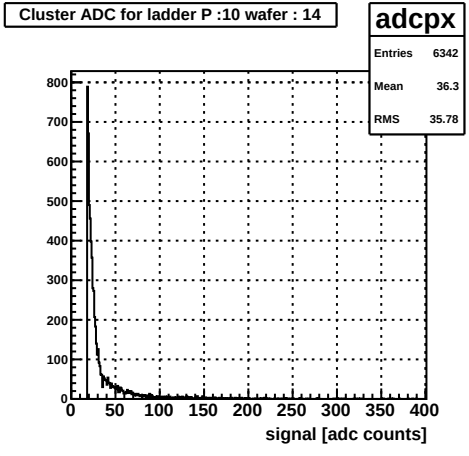

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

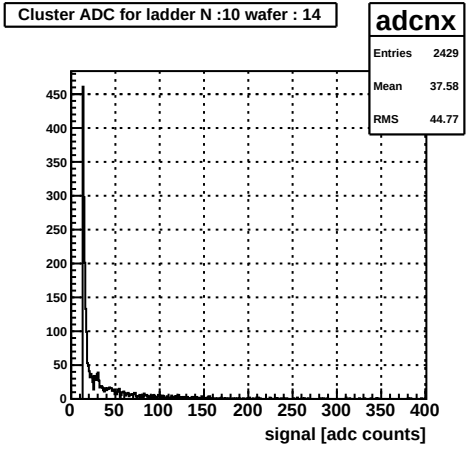

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4897
Mean 37.52
RMS 38.99
signal [adc counts]

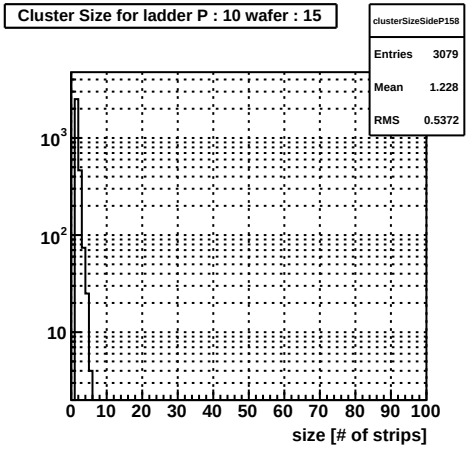

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6342
Mean 1.149
RMS 0.4394
size [# of strips]

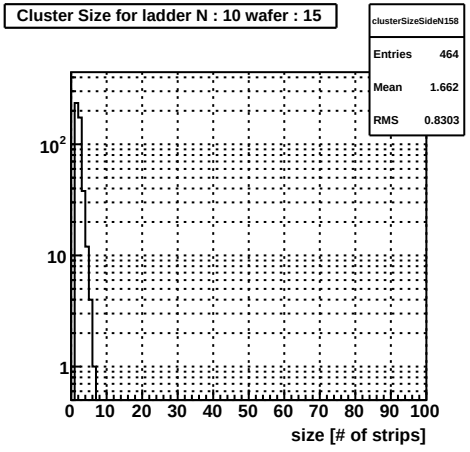

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2429
Mean 1.422
RMS 0.8263
size [# of strips]

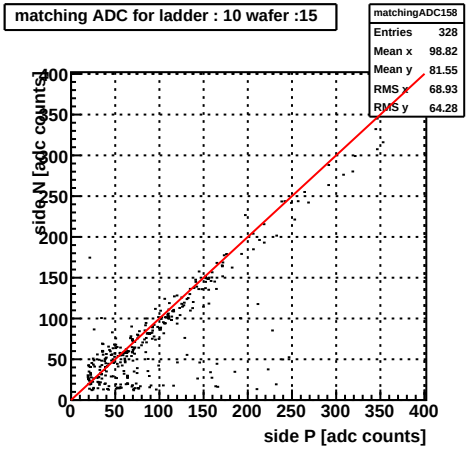

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 400
Mean x 80.83
Mean y 84.44
RMS x 60.55
RMS y 68.08
side N [adc counts]
side P [adc counts]

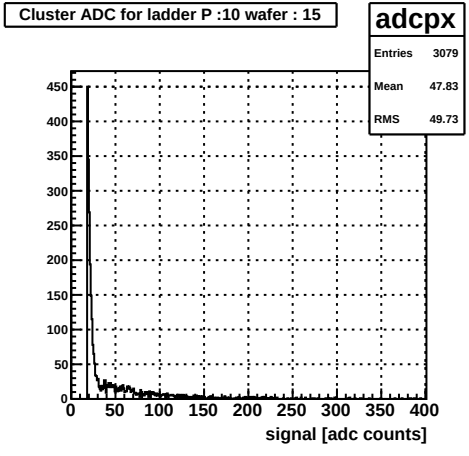

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6342
Mean 36.3
RMS 35.78
signal [adc counts]

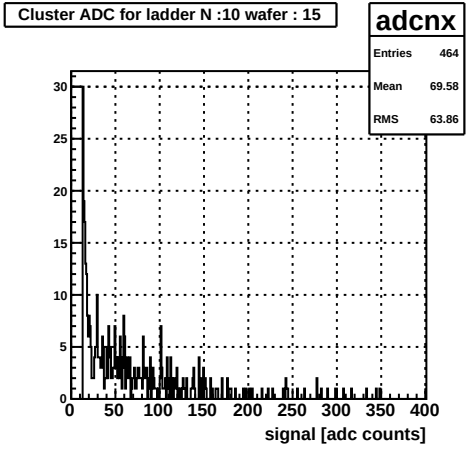

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2429
Mean 37.58
RMS 44.77
signal [adc counts]

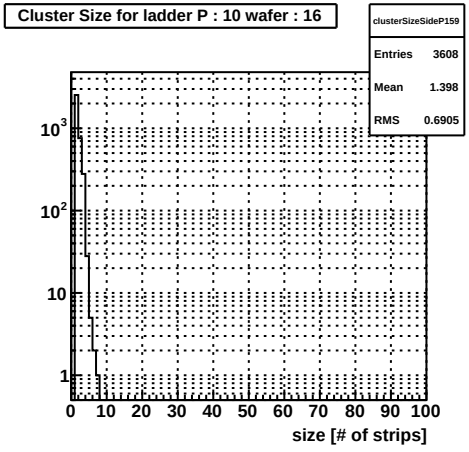

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3079
Mean 1.228
RMS 0.5372
size [# of strips]

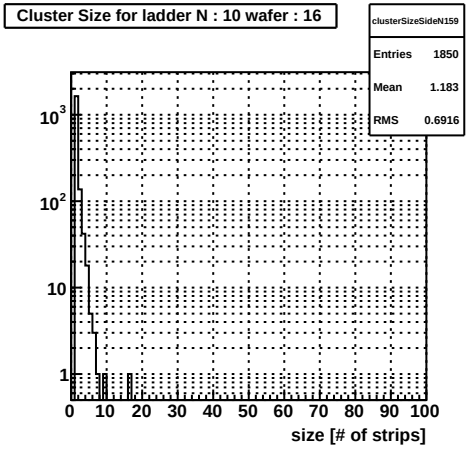

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 464
Mean 1.662
RMS 0.8303
size [# of strips]

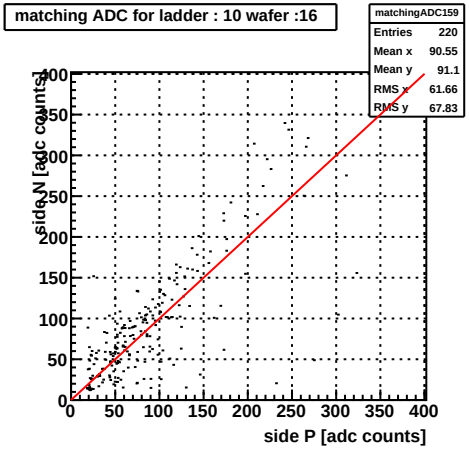

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 328
Mean x 98.82
Mean y 81.55
RMS x 68.93
RMS y 64.28
side N [adc counts]
side P [adc counts]

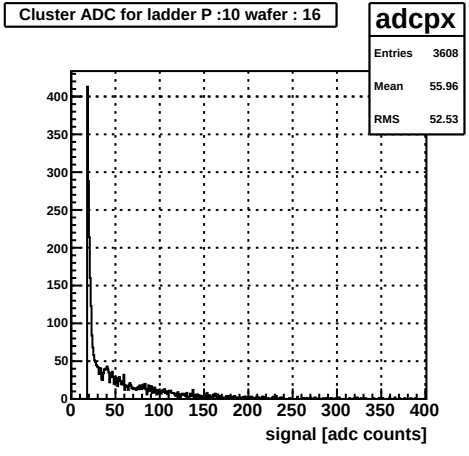

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3079
Mean 47.83
RMS 49.73
signal [adc counts]

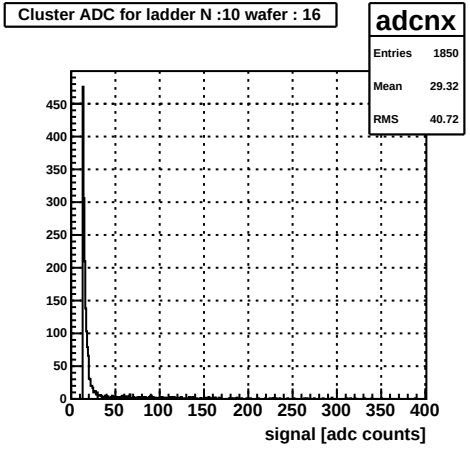

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 464
Mean 69.58
RMS 63.86
signal [adc counts]

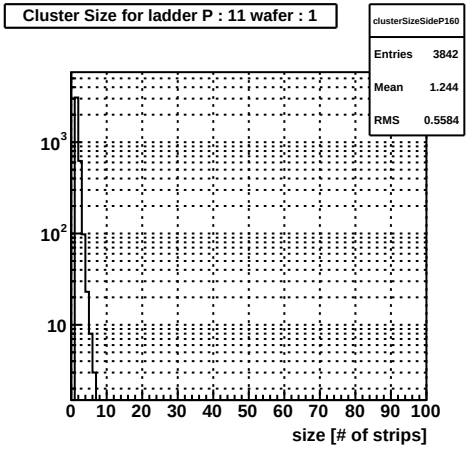

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3608
Mean 1.398
RMS 0.6905
size [# of strips]

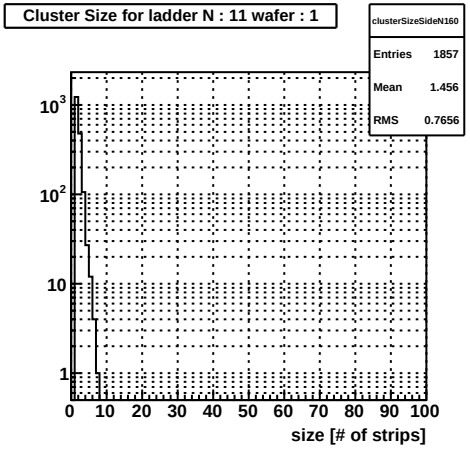

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1850
Mean 1.183
RMS 0.6916
size [# of strips]

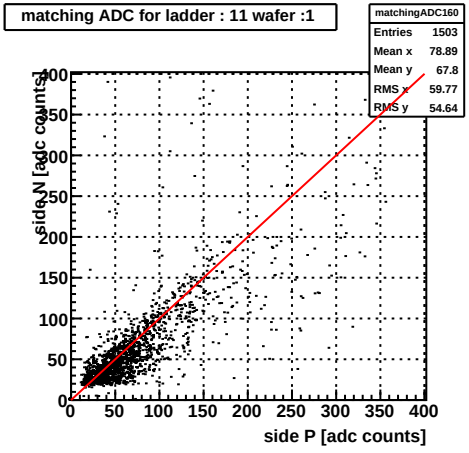

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 220
Mean x 90.55
Mean y 91.1
RMS x 61.66
RMS y 67.83
side N [adc counts]
side P [adc counts]

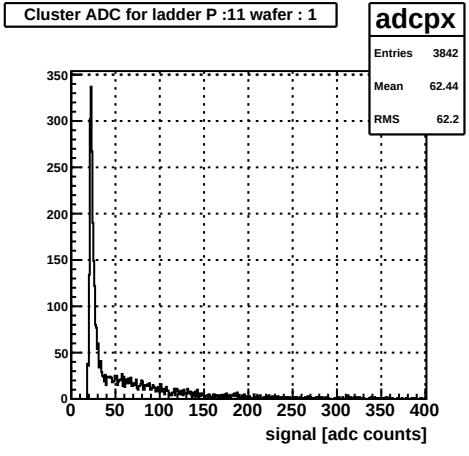

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3608
Mean 55.96
RMS 52.53
signal [adc counts]

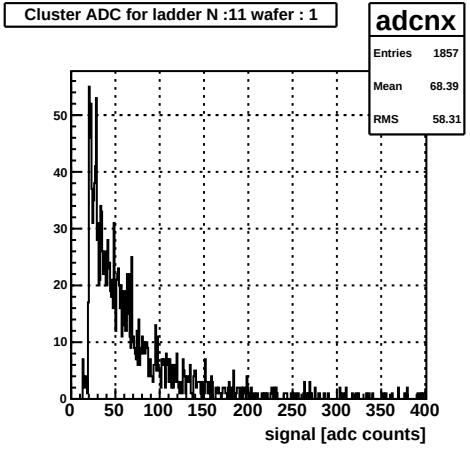

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1850
Mean 29.32
RMS 40.72
signal [adc counts]

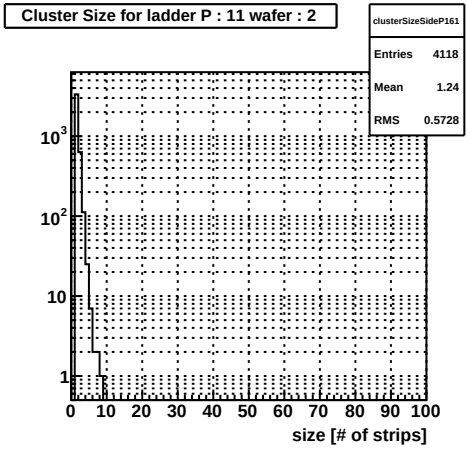

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3842
Mean 1.244
RMS 0.5584
size [# of strips]

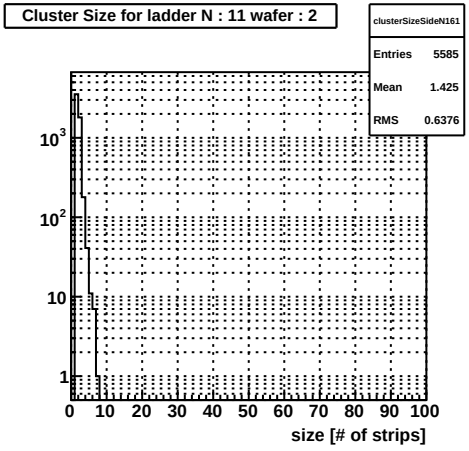

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1857
Mean 1.456
RMS 0.7656
size [# of strips]

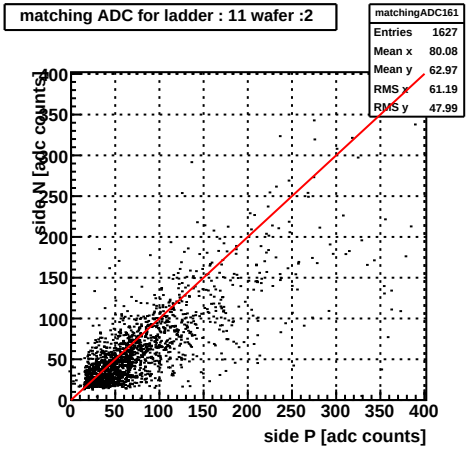

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1503
Mean x 78.89
Mean y 67.8
RMS x 59.77
RMS y 54.64
side N [adc counts]
side P [adc counts]

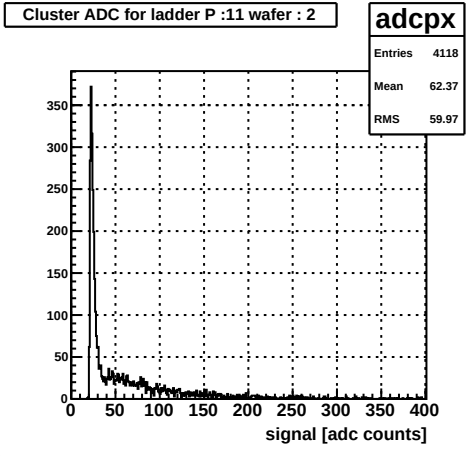

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3842
Mean 62.44
RMS 62.2
signal [adc counts]

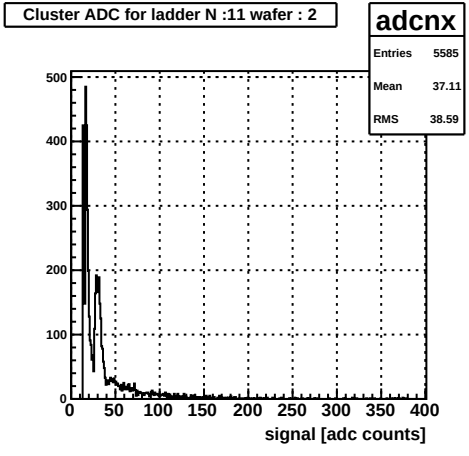

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1857
Mean 68.39
RMS 58.31
signal [adc counts]

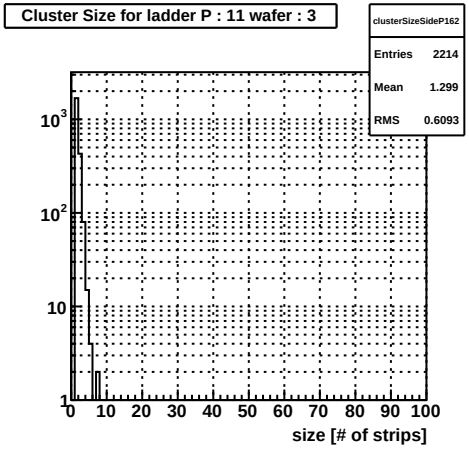

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4118
Mean 1.24
RMS 0.5728
size [# of strips]

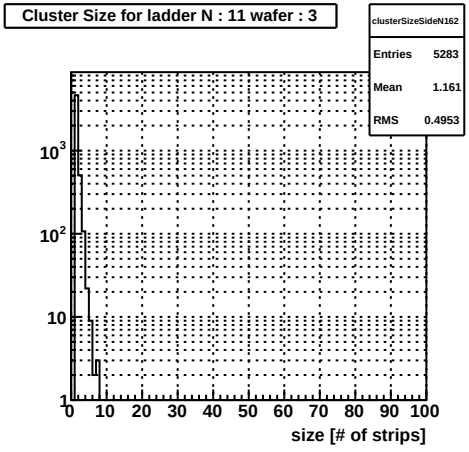

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5585
Mean 1.425
RMS 0.6376
size [# of strips]

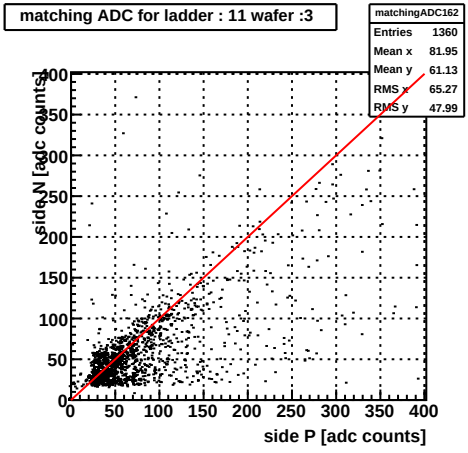

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1627
Mean x 80.08
Mean y 62.97
RMS x 61.19
RMS y 47.99
side N [adc counts]
side P [adc counts]

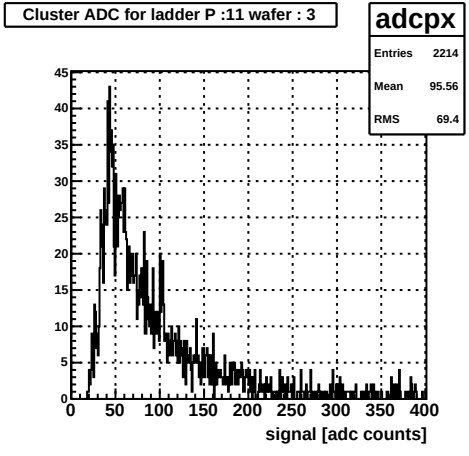

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4118
Mean 62.37
RMS 59.97
signal [adc counts]

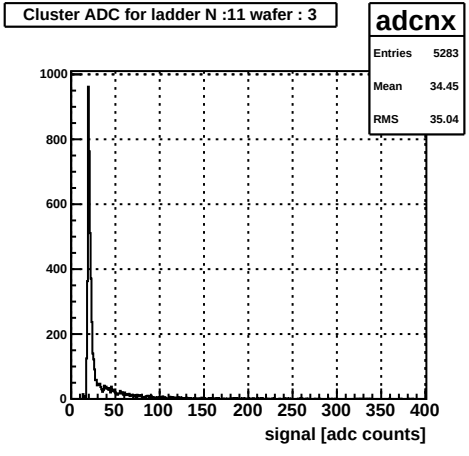

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5585
Mean 37.11
RMS 38.59
signal [adc counts]

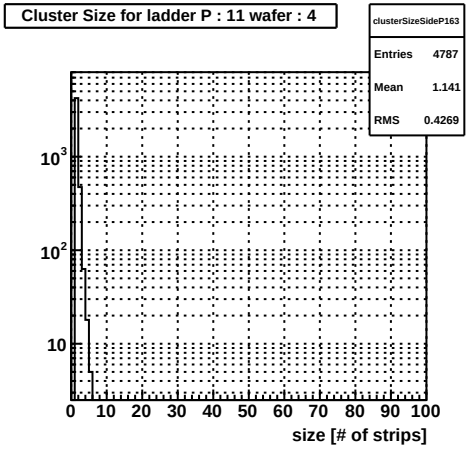

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2214
Mean 1.299
RMS 0.6093
size [# of strips]

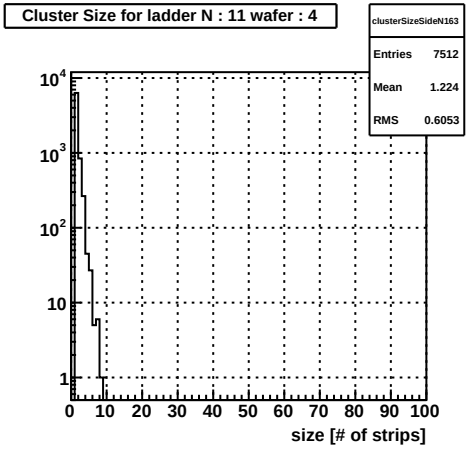

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5283
Mean 1.161
RMS 0.4953
size [# of strips]

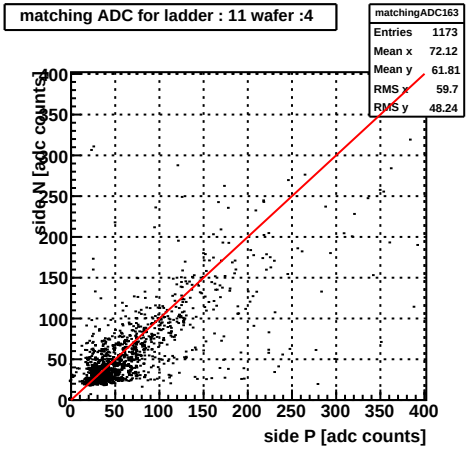

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1360
Mean x 81.95
Mean y 61.13
RMS x 65.27
RMS y 47.99
side N [adc counts]
side P [adc counts]

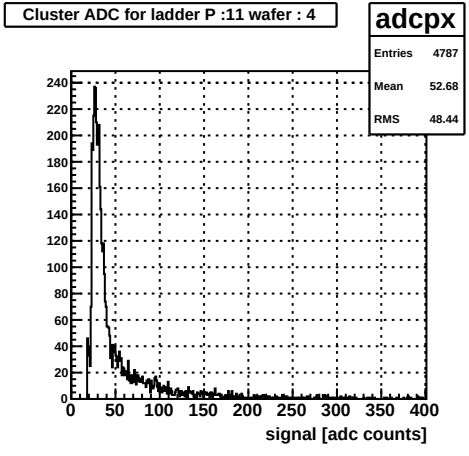

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2214
Mean 95.56
RMS 69.4
signal [adc counts]

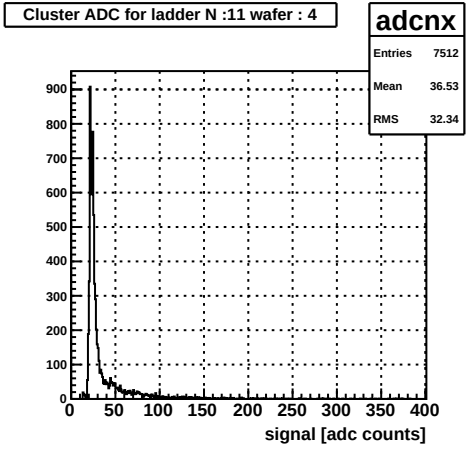

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5283
Mean 34.45
RMS 35.04
signal [adc counts]

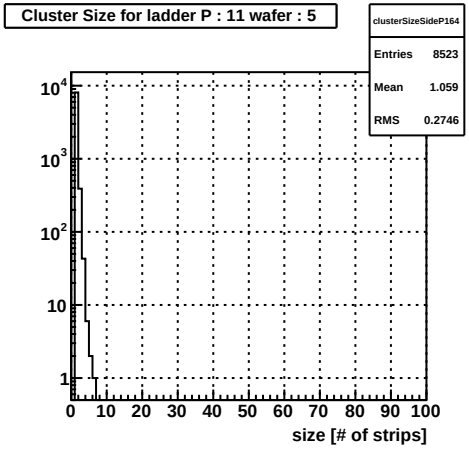

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4787
Mean 1.141
RMS 0.4269
size [# of strips]

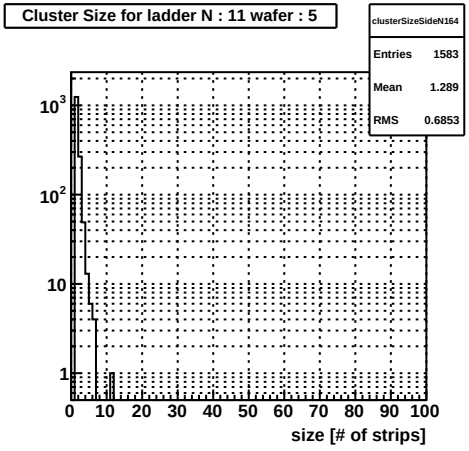

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7512
Mean 1.224
RMS 0.6053
size [# of strips]

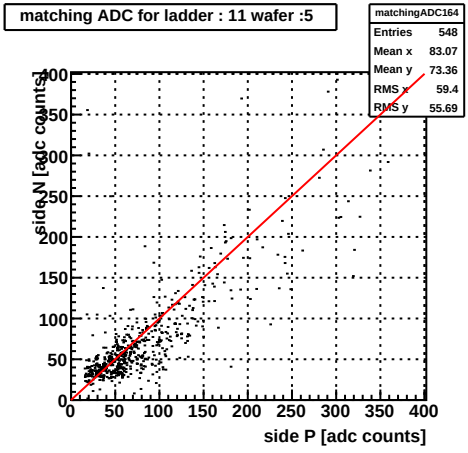

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1173
Mean x 72.12
Mean y 61.81
RMS x 59.7
RMS y 48.24
side N [adc counts]
side P [adc counts]

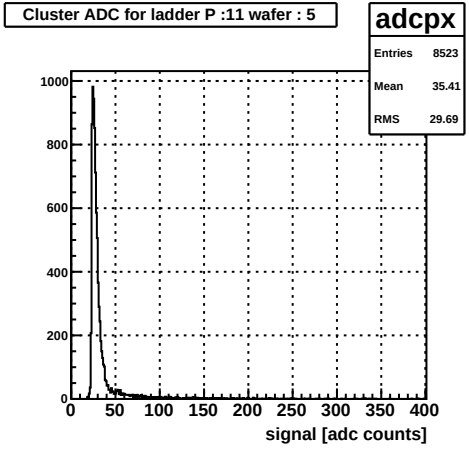

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4787
Mean 52.68
RMS 48.44
signal [adc counts]

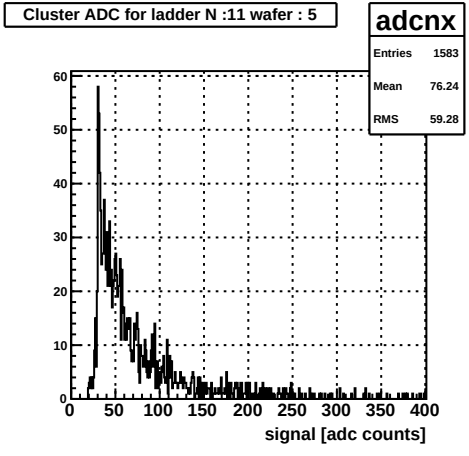

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7512
Mean 36.53
RMS 32.34
signal [adc counts]

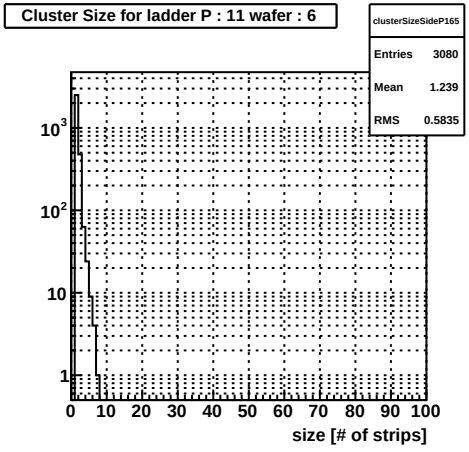

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 8523
Mean 1.059
RMS 0.2746
size [# of strips]

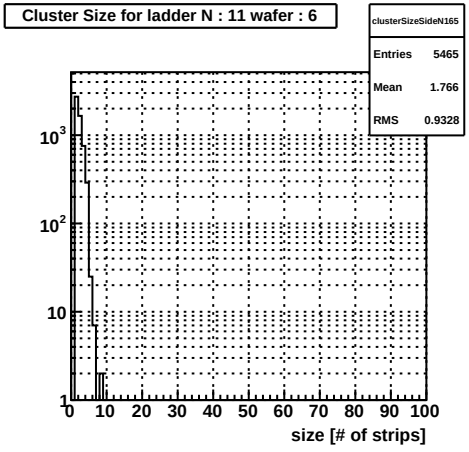

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1583
Mean 1.289
RMS 0.6853
size [# of strips]

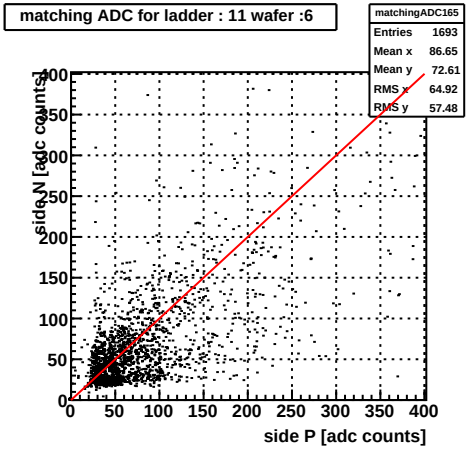

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 548
Mean x 83.07
Mean y 73.36
RMS x 59.4
RMS y 55.69
side N [adc counts]
side P [adc counts]

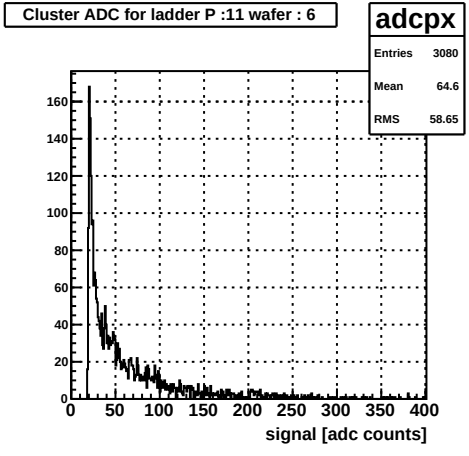

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 8523
Mean 35.41
RMS 29.69
signal [adc counts]

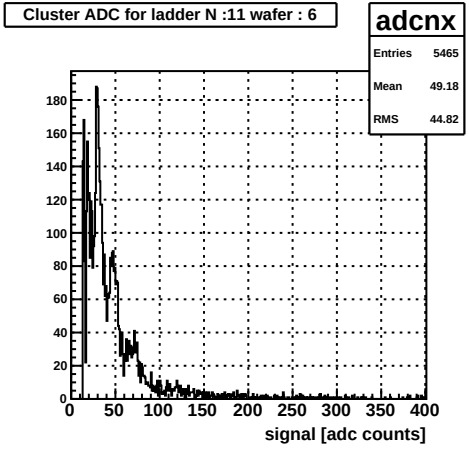

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1583
Mean 76.24
RMS 59.28
signal [adc counts]

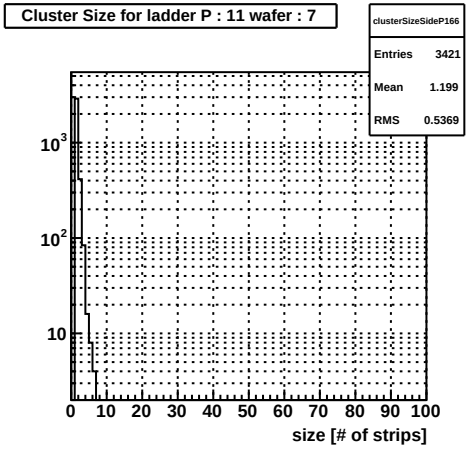

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3080
Mean 1.239
RMS 0.5835
size [# of strips]

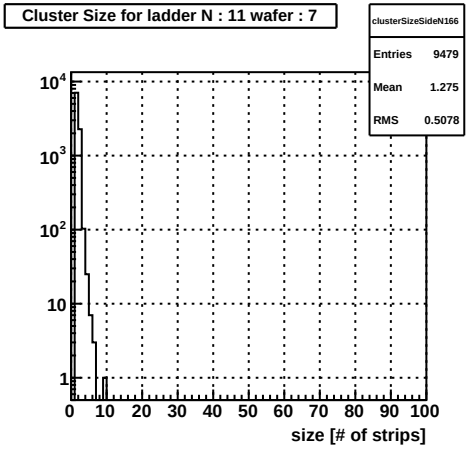

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5465
Mean 1.766
RMS 0.9328
size [# of strips]

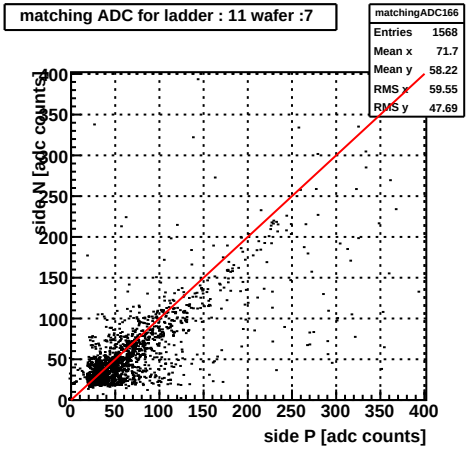

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1693
Mean x 86.65
Mean y 72.61
RMS x 64.92
RMS y 57.48
side N [adc counts]
side P [adc counts]

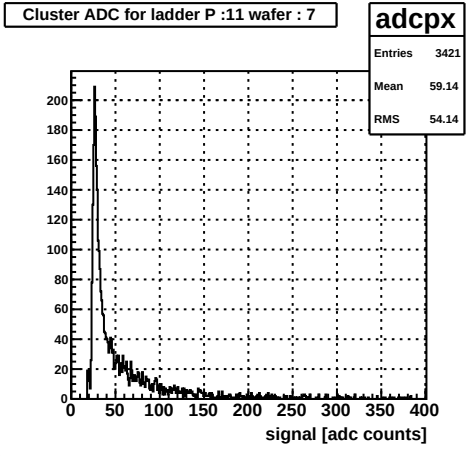

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3080
Mean 64.6
RMS 58.65
signal [adc counts]

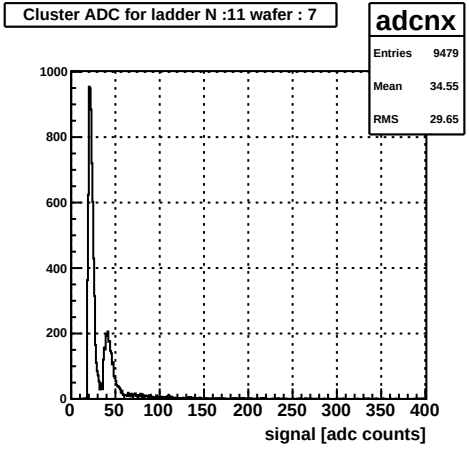

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5465
Mean 49.18
RMS 44.82
signal [adc counts]

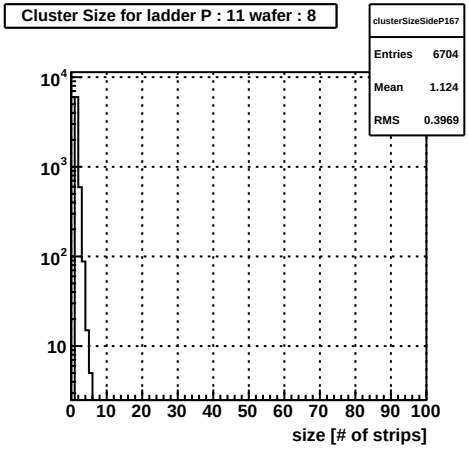

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3421
Mean 1.199
RMS 0.5369
size [# of strips]

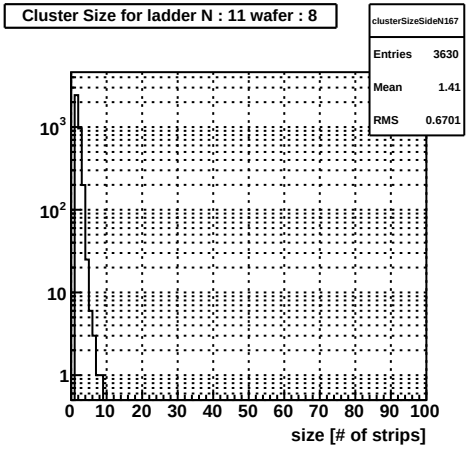

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9479
Mean 1.275
RMS 0.5078
size [# of strips]

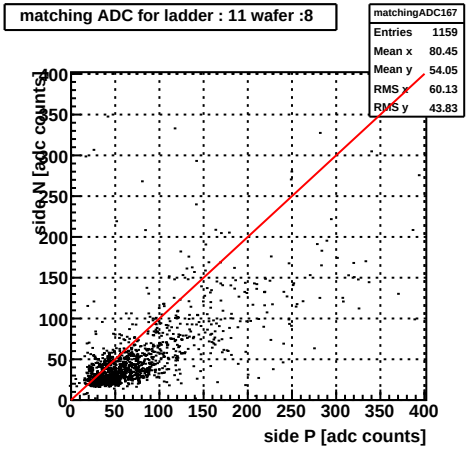

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1568
Mean x 71.7
Mean y 58.22
RMS x 59.55
RMS y 47.69
side N [adc counts]
side P [adc counts]

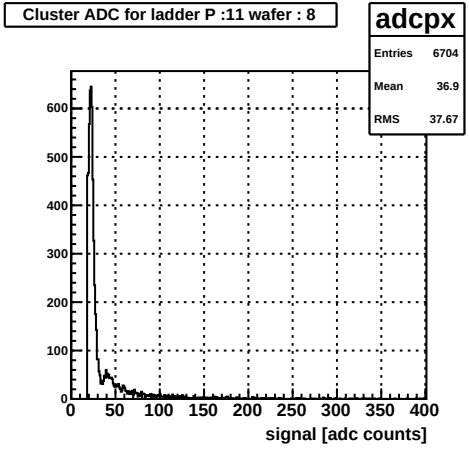

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3421
Mean 59.14
RMS 54.14
signal [adc counts]

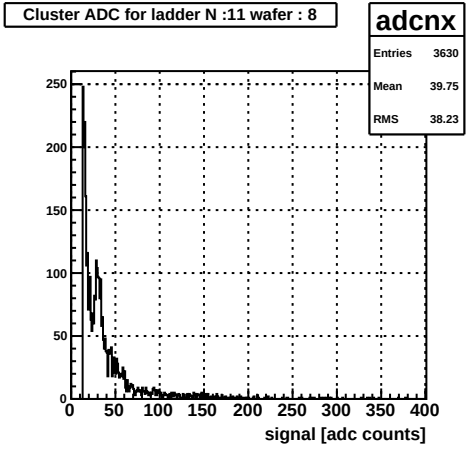

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9479
Mean 34.55
RMS 29.65
signal [adc counts]

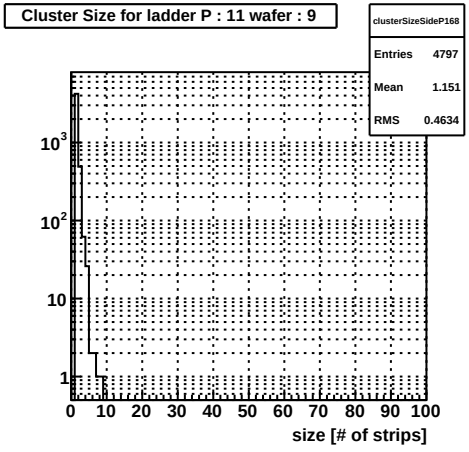

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6704
Mean 1.124
RMS 0.3969
size [# of strips]

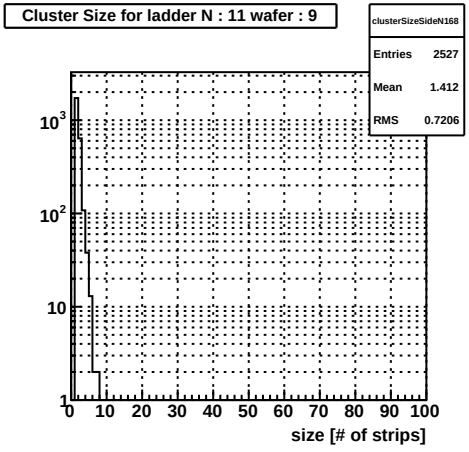

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3630
Mean 1.41
RMS 0.6701
size [# of strips]

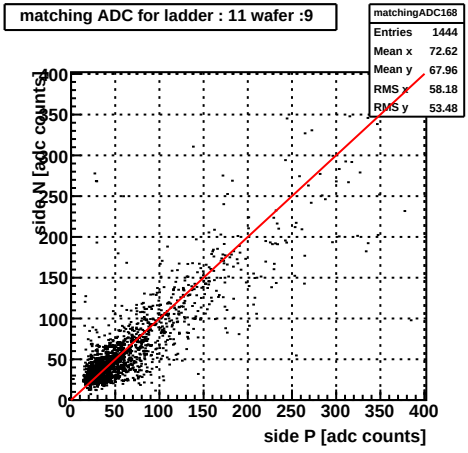

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1159
Mean x 80.45
Mean y 54.05
RMS x 60.13
RMS y 43.83
side N [adc counts]
side P [adc counts]

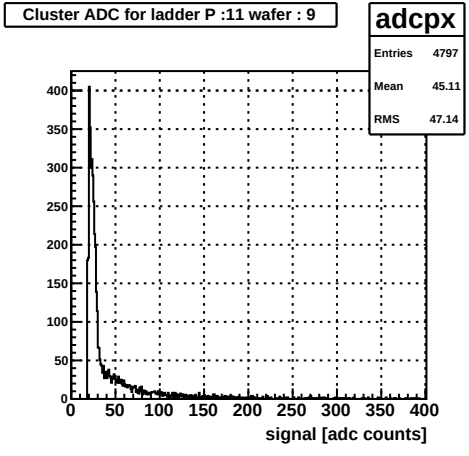

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6704
Mean 36.9
RMS 37.67
signal [adc counts]

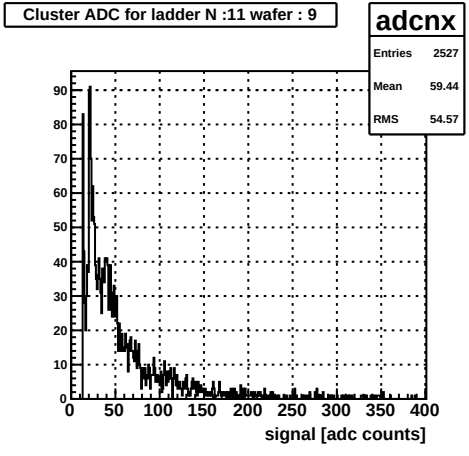

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3630
Mean 39.75
RMS 38.23
signal [adc counts]

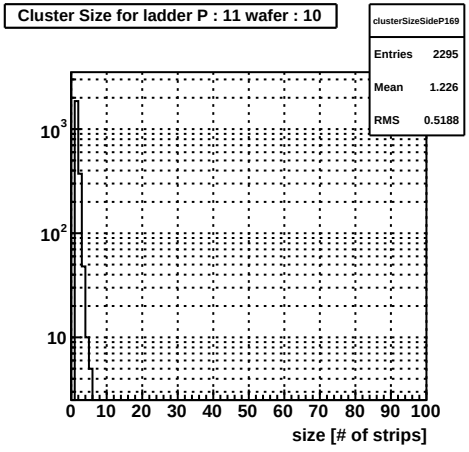

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 4797
Mean 1.151
RMS 0.4634
size [# of strips]

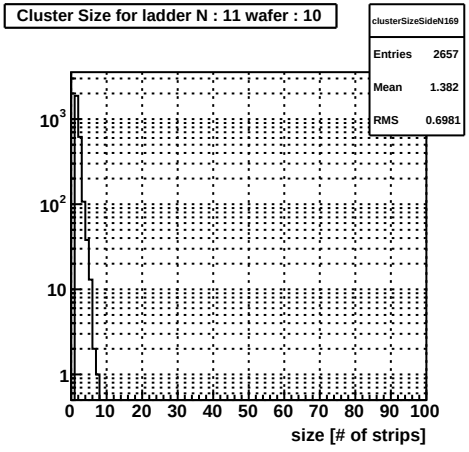

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2527
Mean 1.412
RMS 0.7206
size [# of strips]

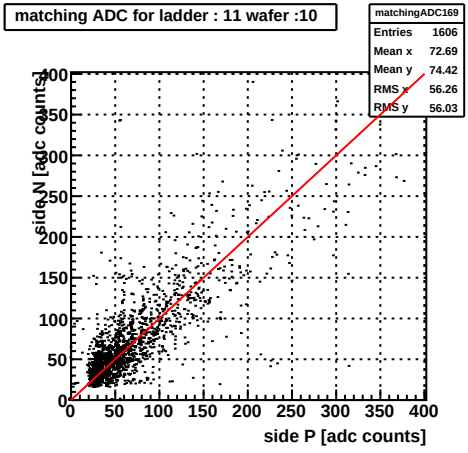

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1444
Mean x 72.62
Mean y 67.96
RMS x 58.18
RMS y 53.48
side N [adc counts]
side P [adc counts]

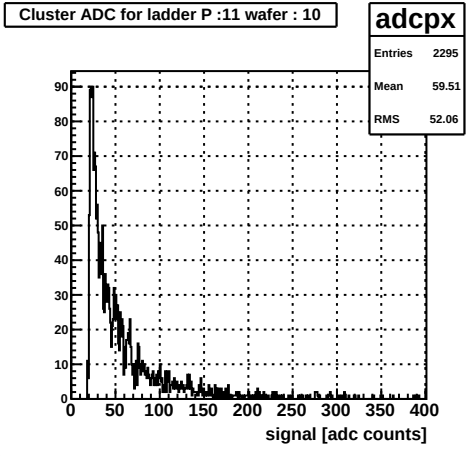

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 4797
Mean 45.11
RMS 47.14
signal [adc counts]

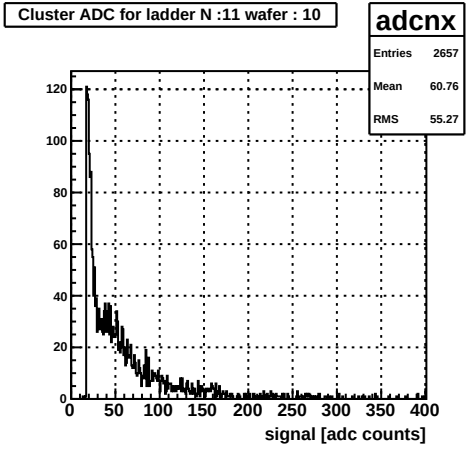

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2527
Mean 59.44
RMS 54.57
signal [adc counts]

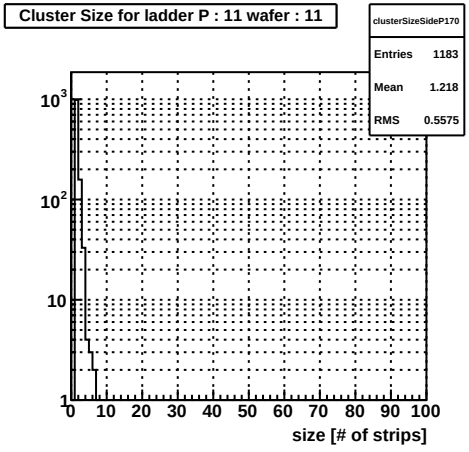

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2295
Mean 1.226
RMS 0.5188
size [# of strips]

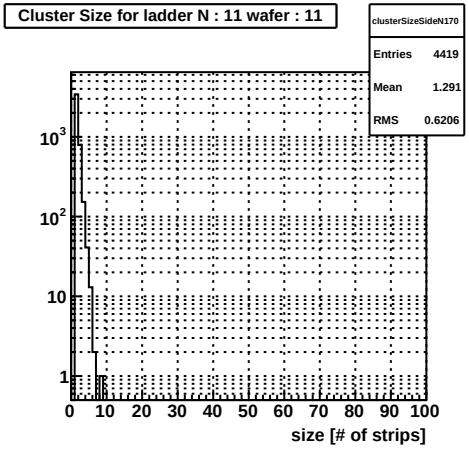

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2657
Mean 1.382
RMS 0.6981
size [# of strips]

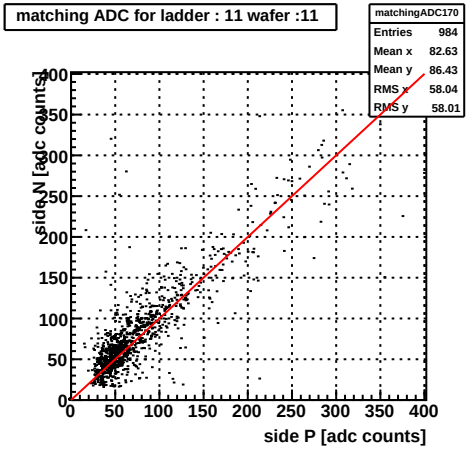

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1606
Mean x 72.69
Mean y 74.42
RMS x 56.26
RMS y 56.03
side N [adc counts]
side P [adc counts]

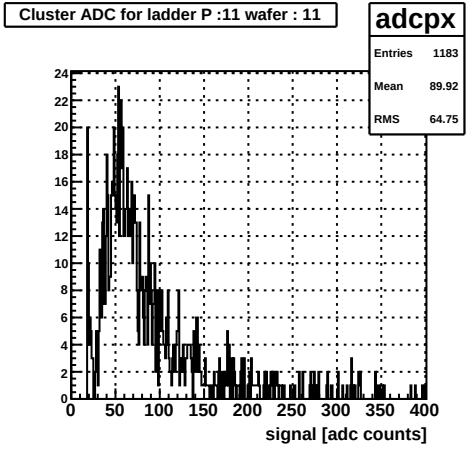

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2295
Mean 59.51
RMS 52.06
signal [adc counts]

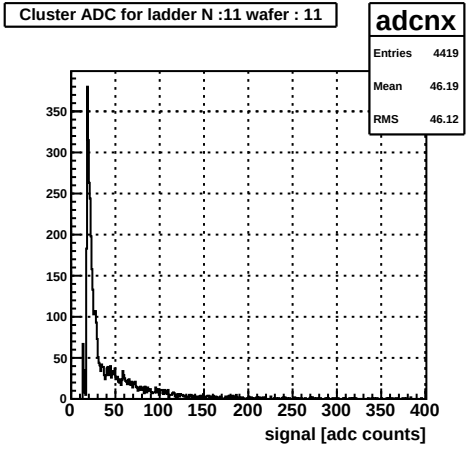

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2657
Mean 60.76
RMS 55.27
signal [adc counts]

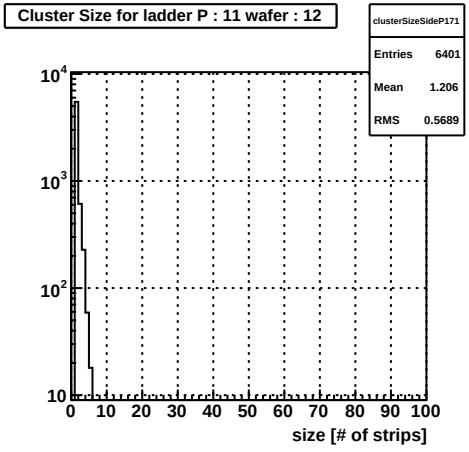

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1183
Mean 1.218
RMS 0.5575
size [# of strips]

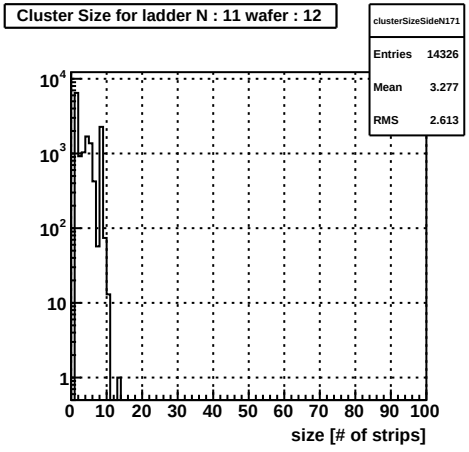

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4419
Mean 1.291
RMS 0.6206
size [# of strips]

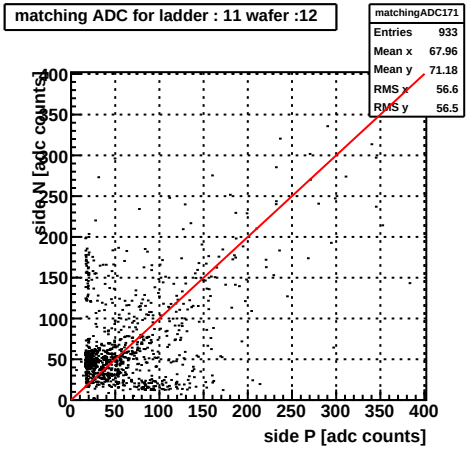

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 984
Mean x 82.63
Mean y 86.43
RMS x 58.04
RMS y 58.01
side N [adc counts]
side P [adc counts]

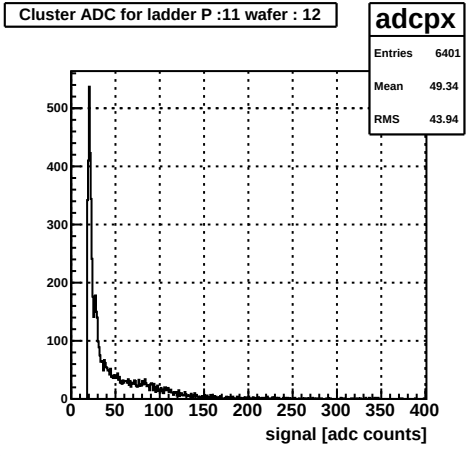

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1183
Mean 89.92
RMS 64.75
signal [adc counts]

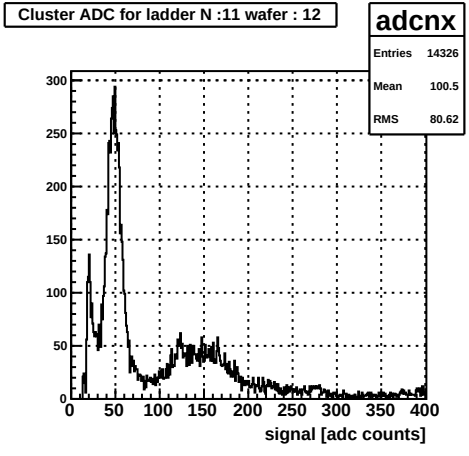

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4419
Mean 46.19
RMS 46.12
signal [adc counts]

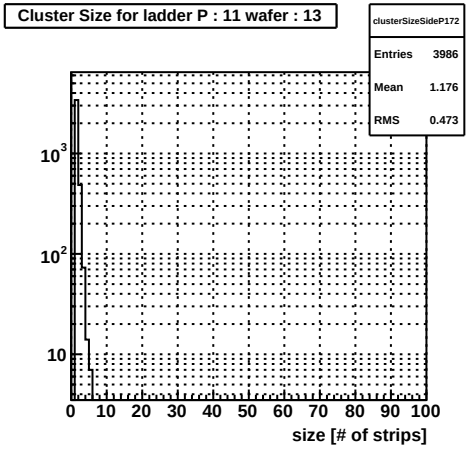

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6401
Mean 1.206
RMS 0.5689
size [# of strips]

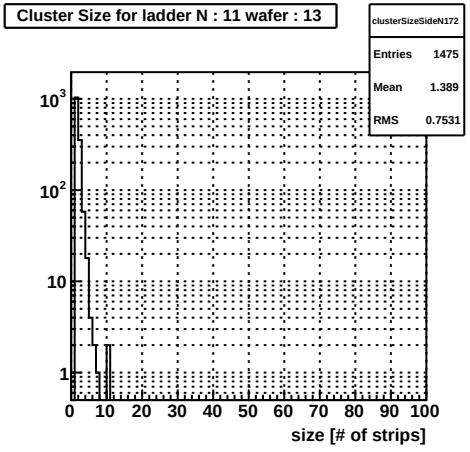

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14326
Mean 3.277
RMS 2.613
size [# of strips]

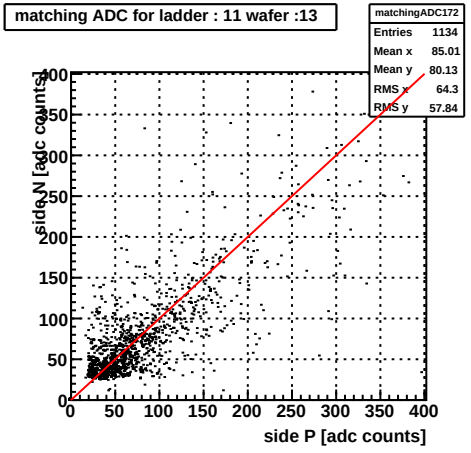

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 933
Mean x 67.96
Mean y 71.18
RMS x 56.6
RMS y 56.5
side N [adc counts]
side P [adc counts]

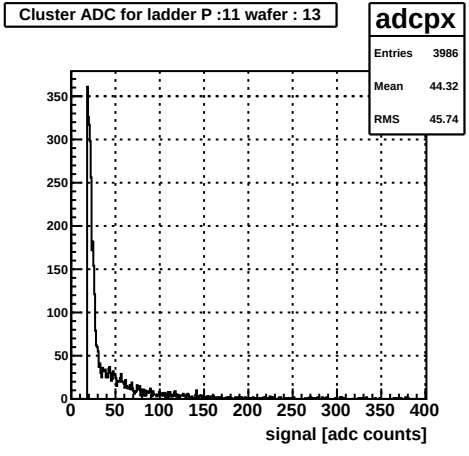

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6401
Mean 49.34
RMS 43.94
signal [adc counts]

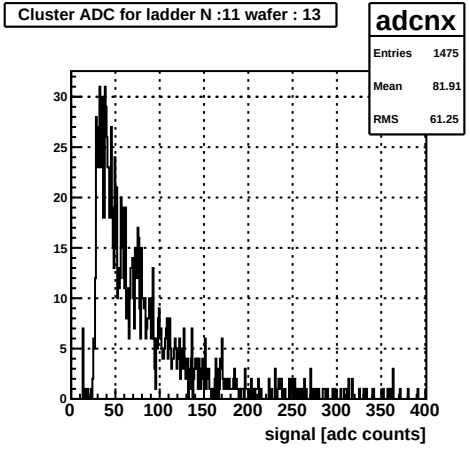

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14326
Mean 100.5
RMS 80.62
signal [adc counts]

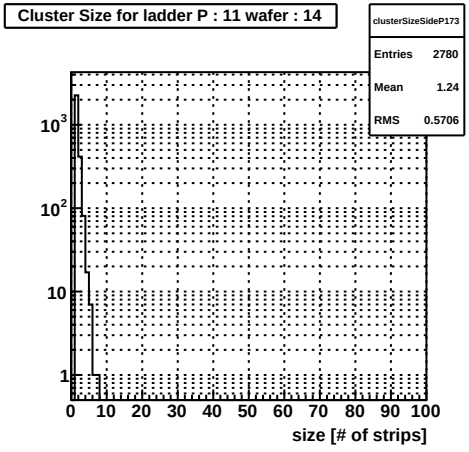

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 3986
Mean 1.176
RMS 0.473
size [# of strips]

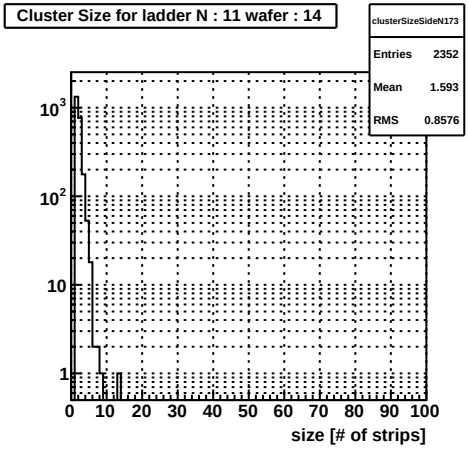

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1475
Mean 1.389
RMS 0.7531
size [# of strips]

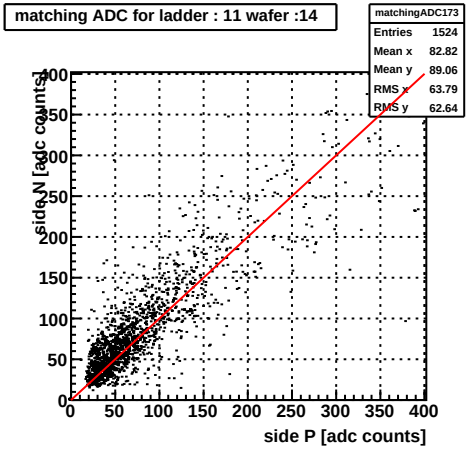

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1134
Mean x 85.01
Mean y 80.13
RMS x 64.3
RMS y 57.84
side N [adc counts]
side P [adc counts]

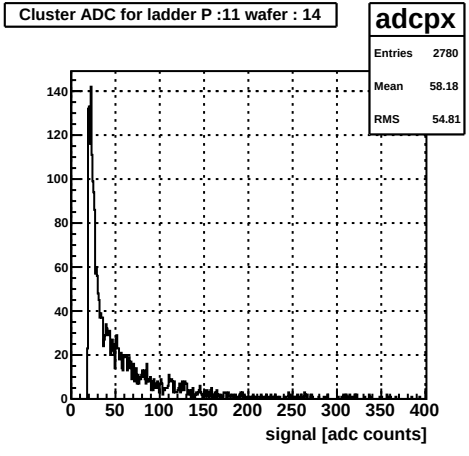

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 3986
Mean 44.32
RMS 45.74
signal [adc counts]

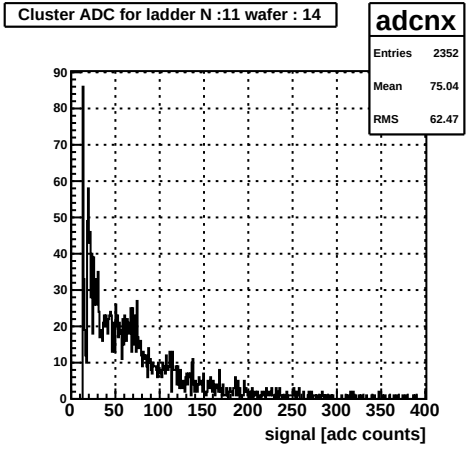

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1475
Mean 81.91
RMS 61.25
signal [adc counts]

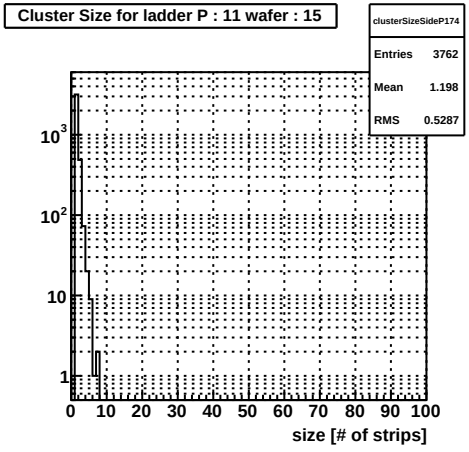

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2780
Mean 1.24
RMS 0.5706
size [# of strips]

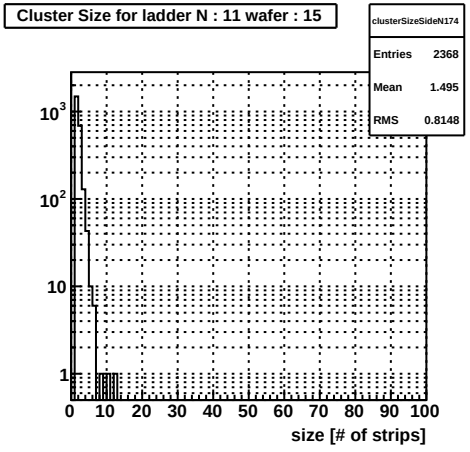

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2352
Mean 1.593
RMS 0.8576
size [# of strips]

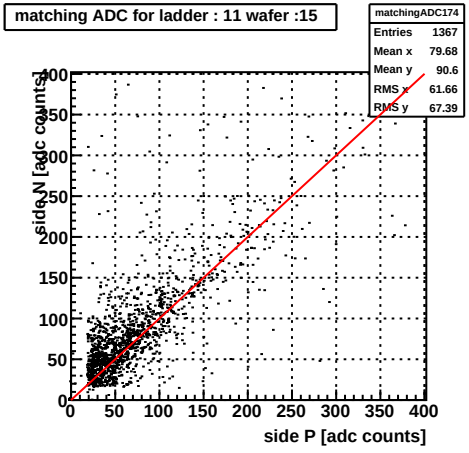

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1524
Mean x 82.82
Mean y 89.06
RMS x 63.79
RMS y 62.64
side N [adc counts]
side P [adc counts]

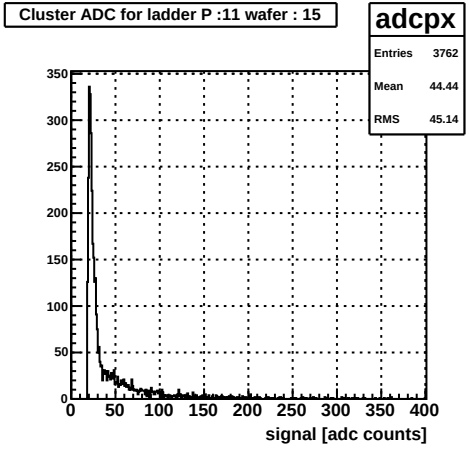

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2780
Mean 58.18
RMS 54.81
signal [adc counts]

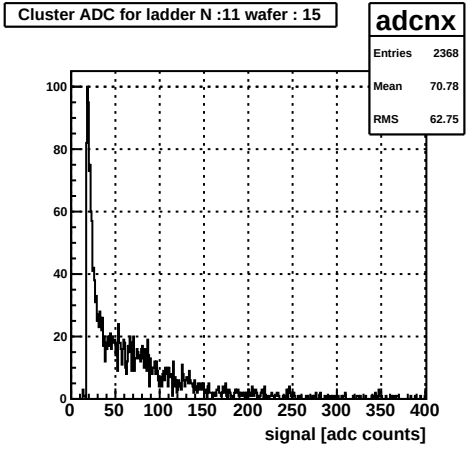

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2352
Mean 75.04
RMS 62.47
signal [adc counts]

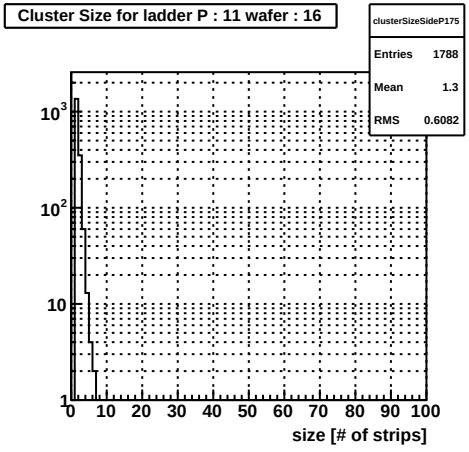

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3762
Mean 1.198
RMS 0.5287
size [# of strips]

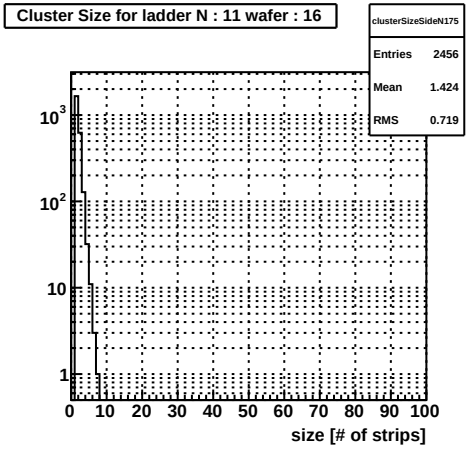

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2368
Mean 1.495
RMS 0.8148
size [# of strips]

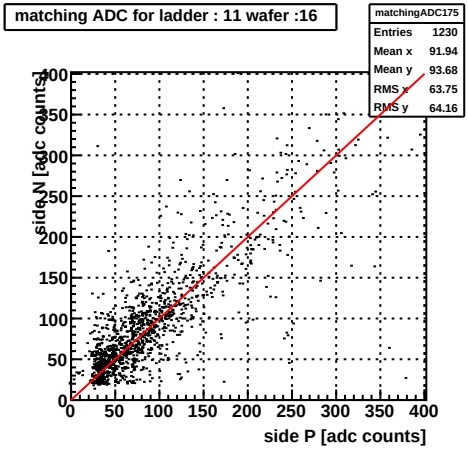

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1367
Mean x 79.68
Mean y 90.6
RMS x 61.66
RMS y 67.39
side N [adc counts]
side P [adc counts]

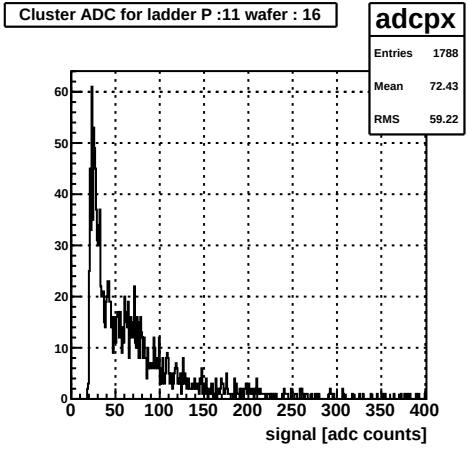

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3762
Mean 44.44
RMS 45.14
signal [adc counts]

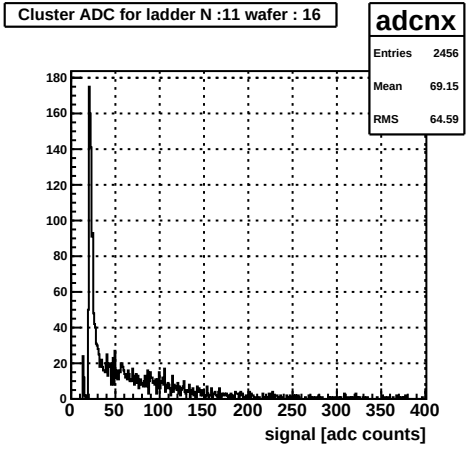

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2368
Mean 70.78
RMS 62.75
signal [adc counts]

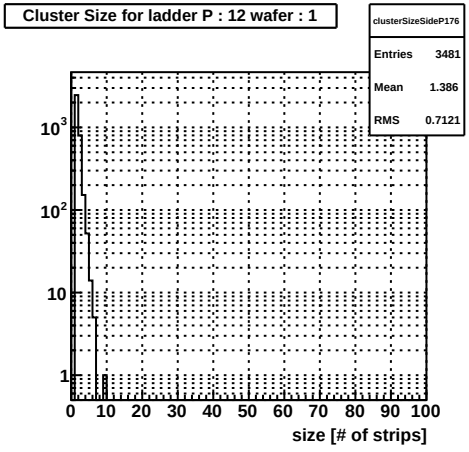

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1788
Mean 1.3
RMS 0.6082
size [# of strips]

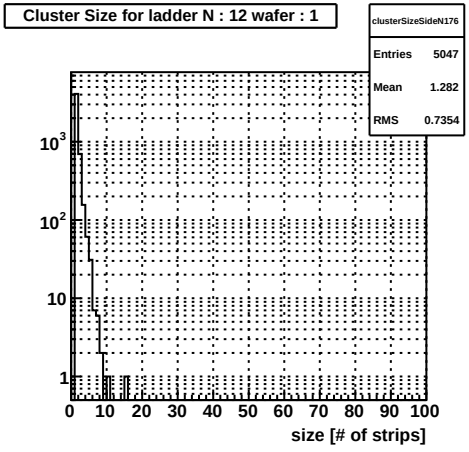

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2456
Mean 1.424
RMS 0.719
size [# of strips]

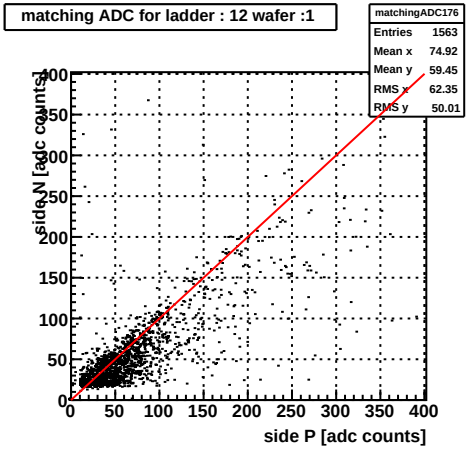

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1230
Mean x 91.94
Mean y 93.68
RMS x 63.75
RMS y 64.16
side N [adc counts]
side P [adc counts]

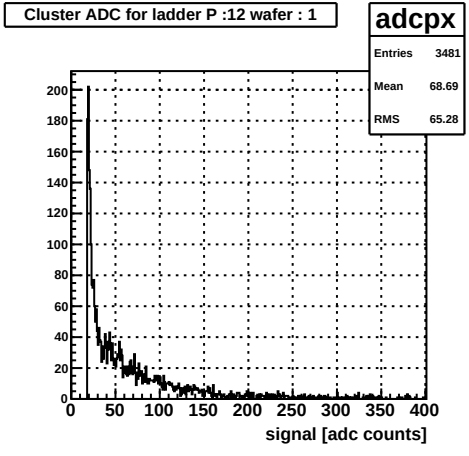

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1788
Mean 72.43
RMS 59.22
signal [adc counts]

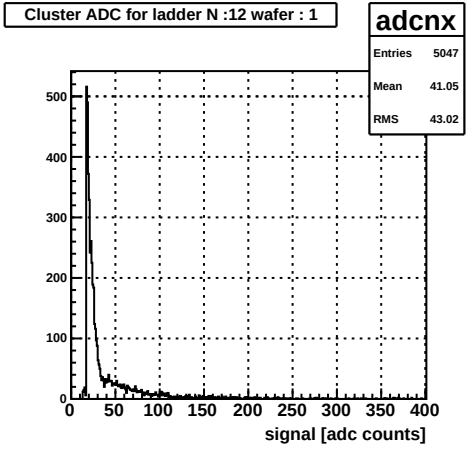

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2456
Mean 69.15
RMS 64.59
signal [adc counts]

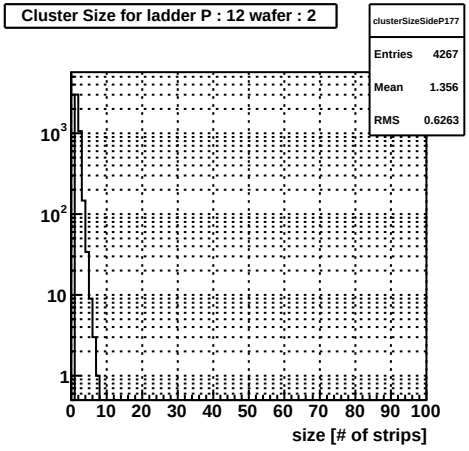

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3481
Mean 1.386
RMS 0.7121
size [# of strips]

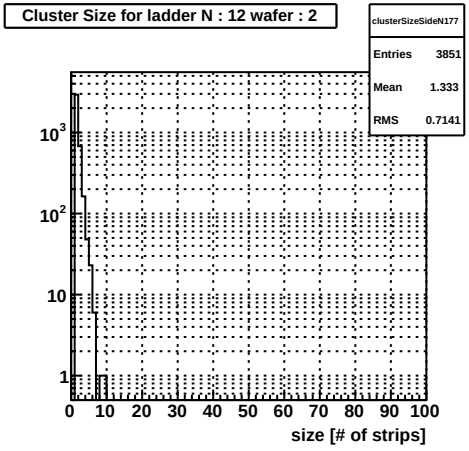

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5047
Mean 1.282
RMS 0.7354
size [# of strips]

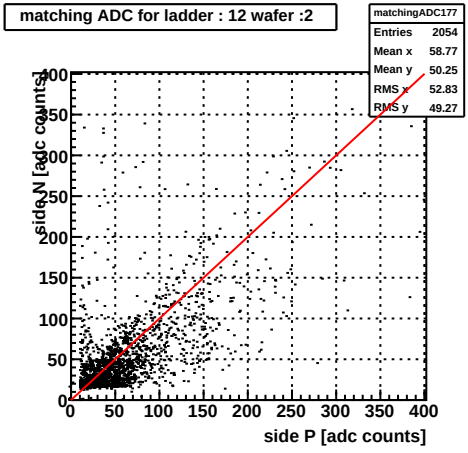

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1563
Mean x 74.92
Mean y 59.45
RMS x 62.35
RMS y 50.01
side N [adc counts]
side P [adc counts]

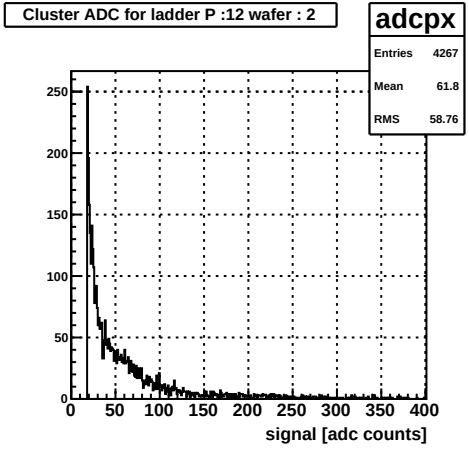

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3481
Mean 68.69
RMS 65.28
signal [adc counts]

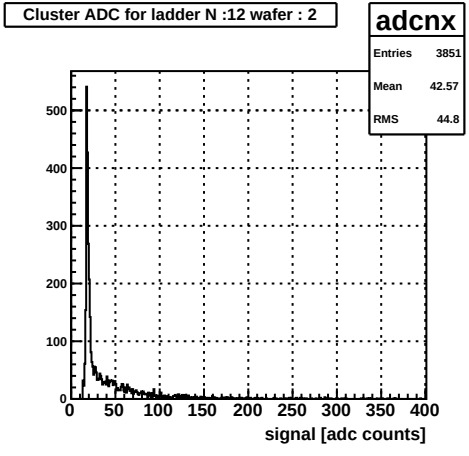

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5047
Mean 41.05
RMS 43.02
signal [adc counts]

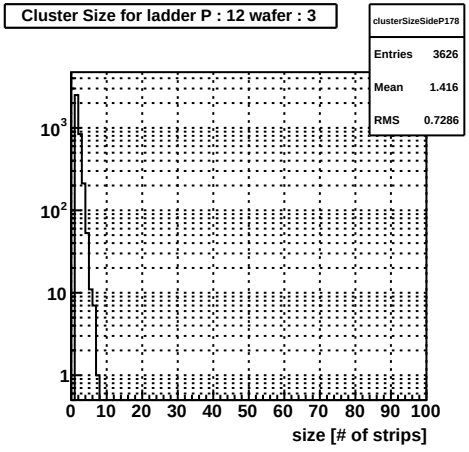

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4267
Mean 1.356
RMS 0.6263
size [# of strips]

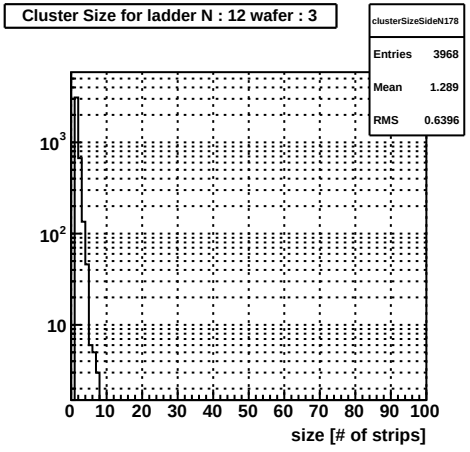

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3851
Mean 1.333
RMS 0.7141
size [# of strips]

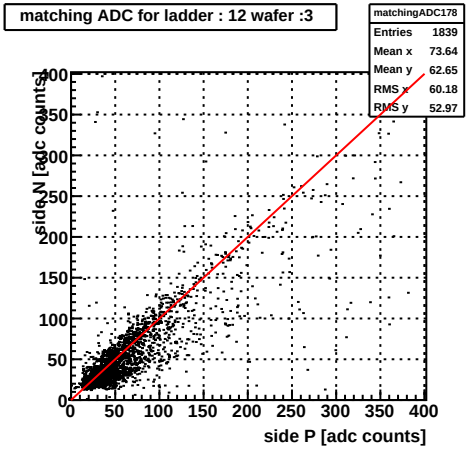

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2054
Mean x 58.77
Mean y 50.25
RMS x 52.83
RMS y 49.27
side N [adc counts]
side P [adc counts]

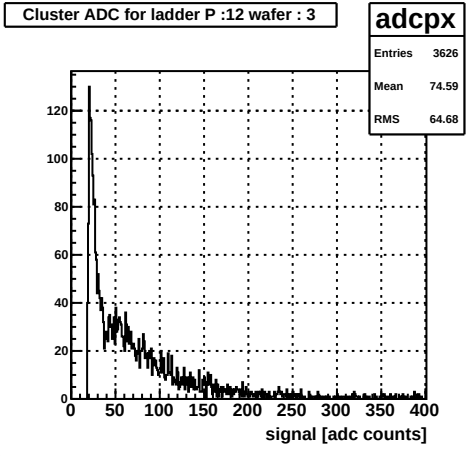

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4267
Mean 61.8
RMS 58.76
signal [adc counts]

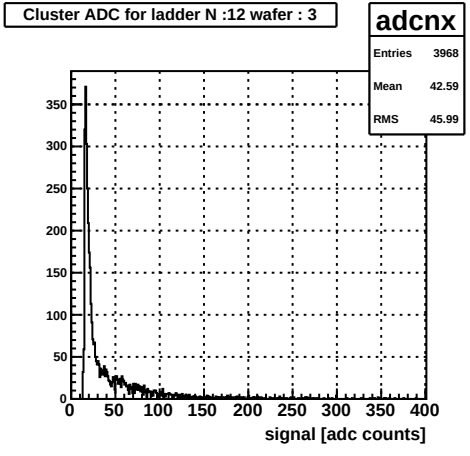

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3851
Mean 42.57
RMS 44.8
signal [adc counts]

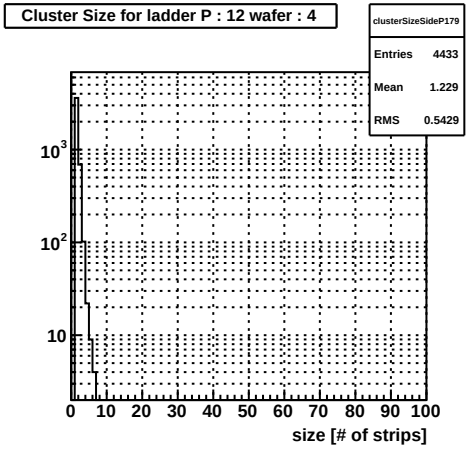

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3626
Mean 1.416
RMS 0.7286
size [# of strips]

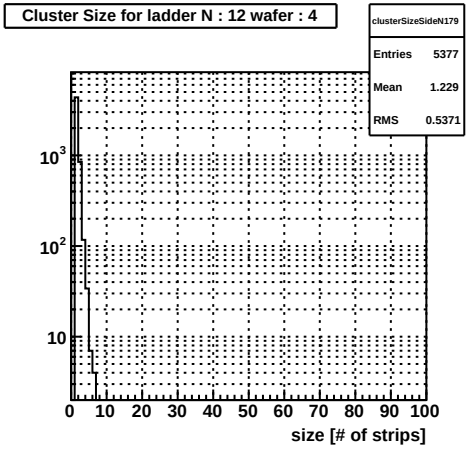

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3968
Mean 1.289
RMS 0.6396
size [# of strips]

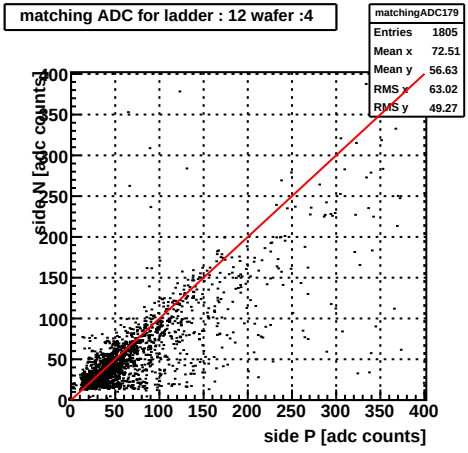

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1839
Mean x 73.64
Mean y 62.65
RMS x 60.18
RMS y 52.97
side N [adc counts]
side P [adc counts]

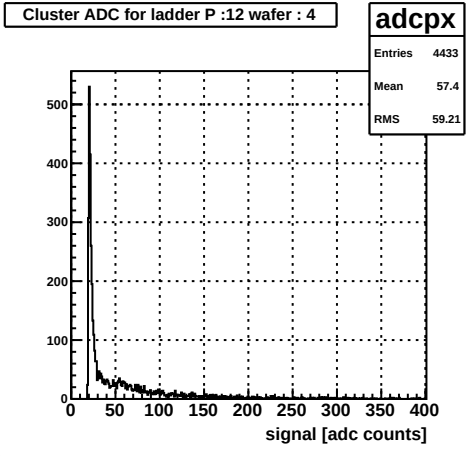

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3626
Mean 74.59
RMS 64.68
signal [adc counts]

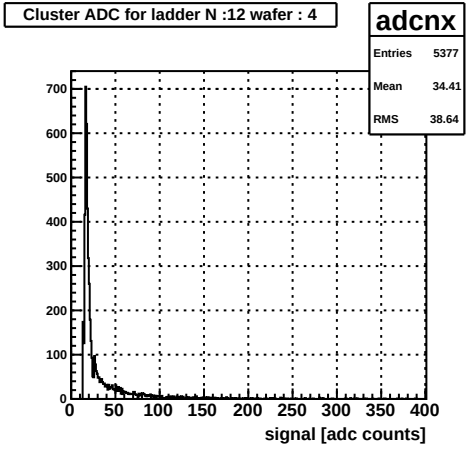

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3968
Mean 42.59
RMS 45.99
signal [adc counts]

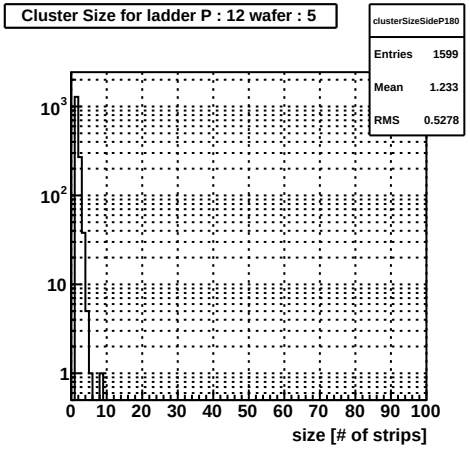

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4433
Mean 1.229
RMS 0.5429
size [# of strips]

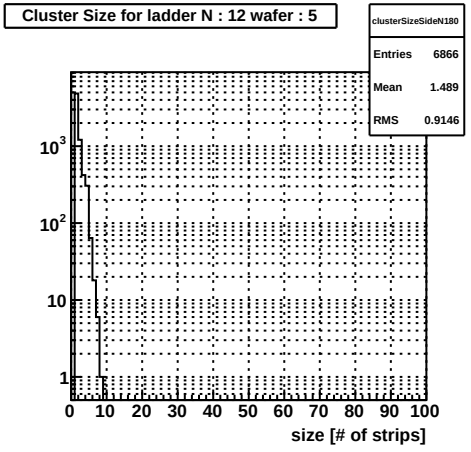

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5377
Mean 1.229
RMS 0.5371
size [# of strips]

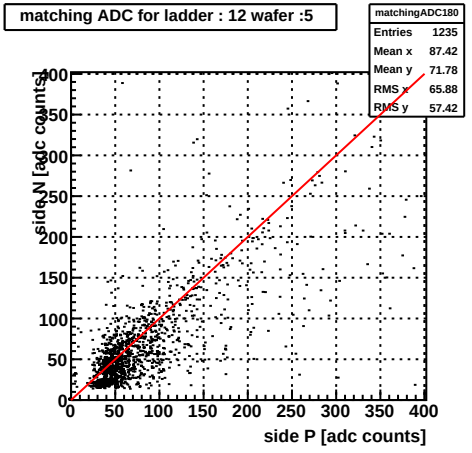

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1805
Mean x 72.51
Mean y 56.63
RMS x 63.02
RMS y 49.27
side N [adc counts]
side P [adc counts]

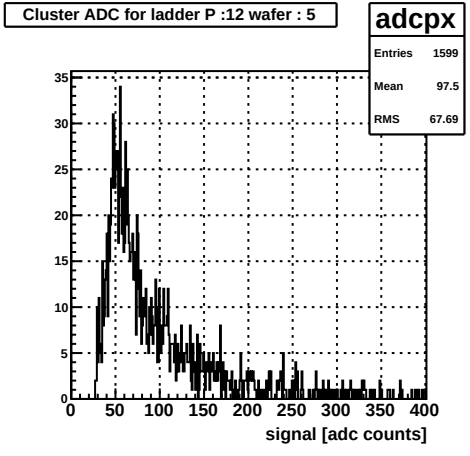

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4433
Mean 57.4
RMS 59.21
signal [adc counts]

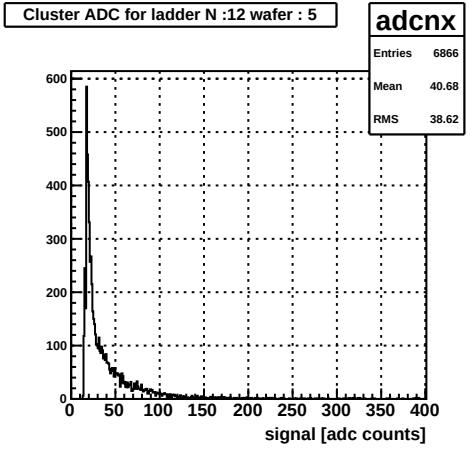

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5377
Mean 34.41
RMS 38.64
signal [adc counts]

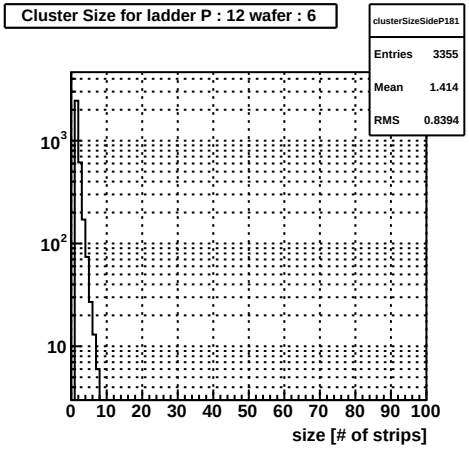

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1599
Mean 1.233
RMS 0.5278
size [# of strips]

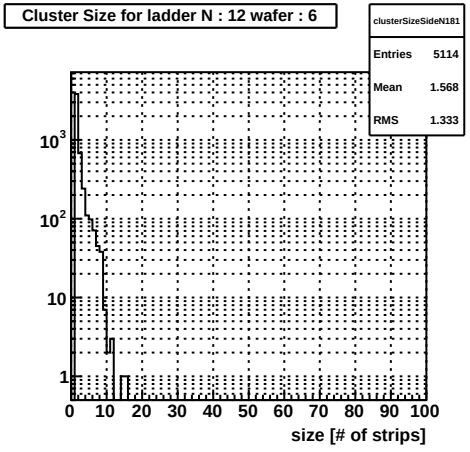

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6866
Mean 1.489
RMS 0.9146
size [# of strips]

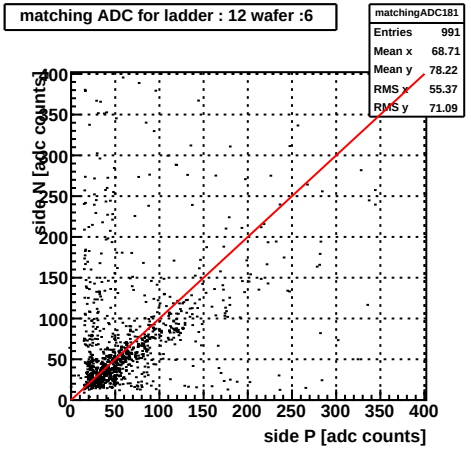

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1235
Mean x 87.42
Mean y 71.78
RMS x 65.88
RMS y 57.42
side N [adc counts]
side P [adc counts]

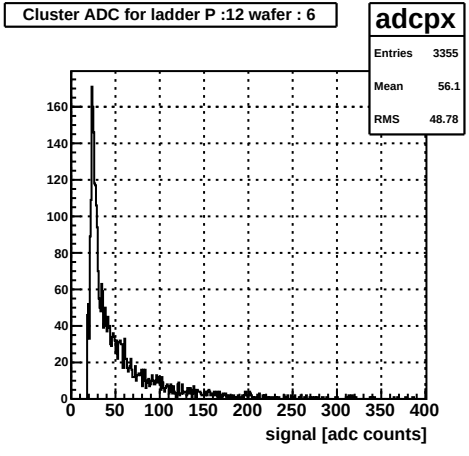

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1599
Mean 97.5
RMS 67.69
signal [adc counts]

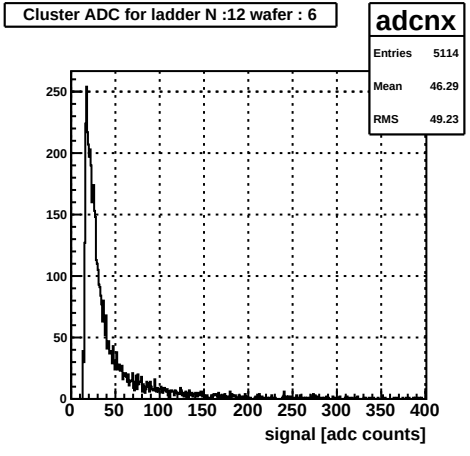

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6866
Mean 40.68
RMS 38.62
signal [adc counts]

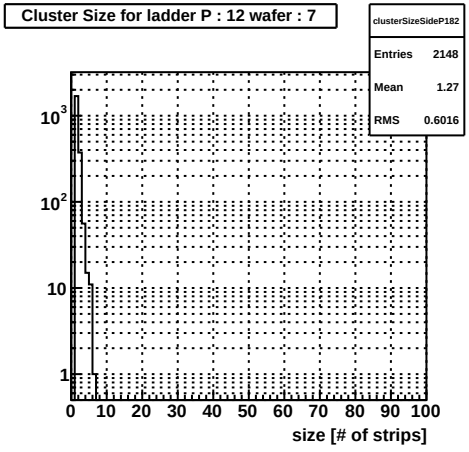

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3355
Mean 1.414
RMS 0.8394
size [# of strips]

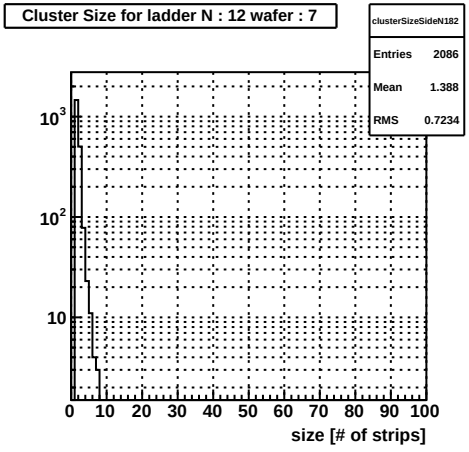

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5114
Mean 1.568
RMS 1.333
size [# of strips]

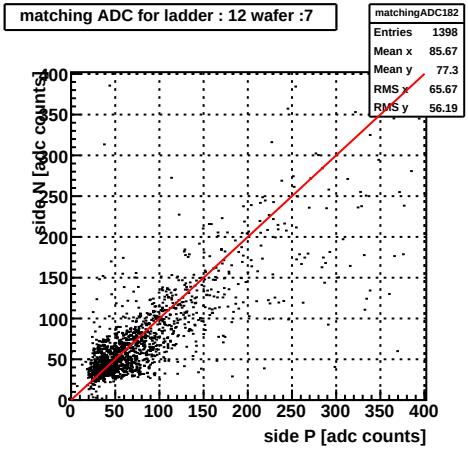

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 991
Mean x 68.71
Mean y 78.22
RMS x 55.37
RMS y 71.09
side N [adc counts]
side P [adc counts]

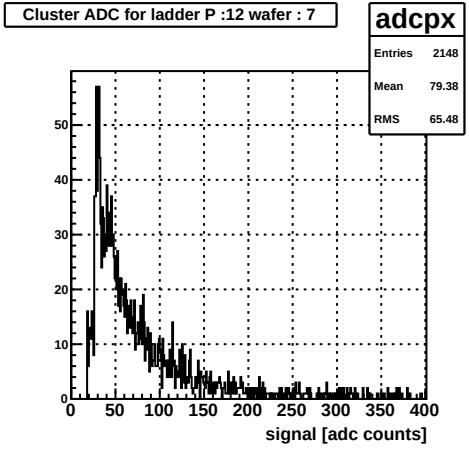

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3355
Mean 56.1
RMS 48.78
signal [adc counts]

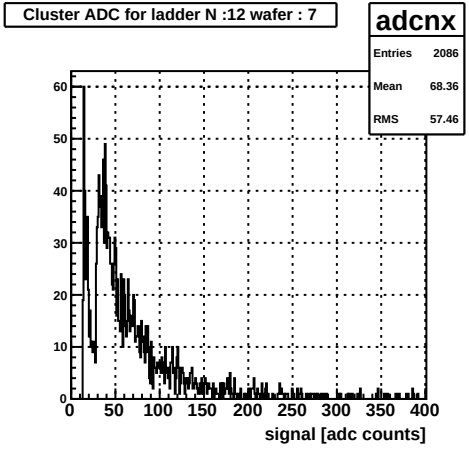

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5114
Mean 46.29
RMS 49.23
signal [adc counts]

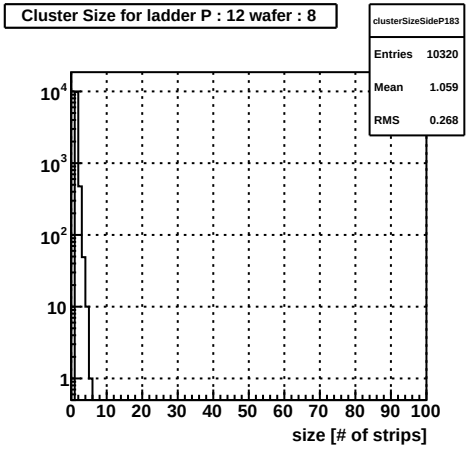

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2148
Mean 1.27
RMS 0.6016
size [# of strips]

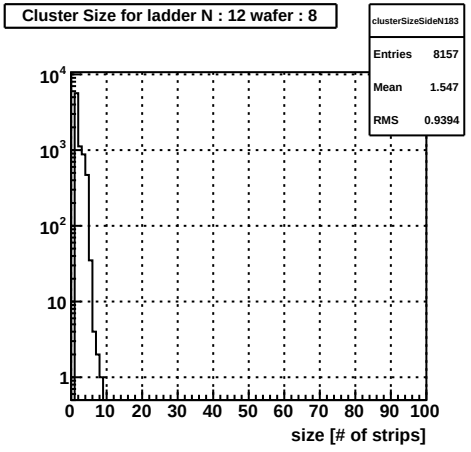

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2086
Mean 1.388
RMS 0.7234
size [# of strips]

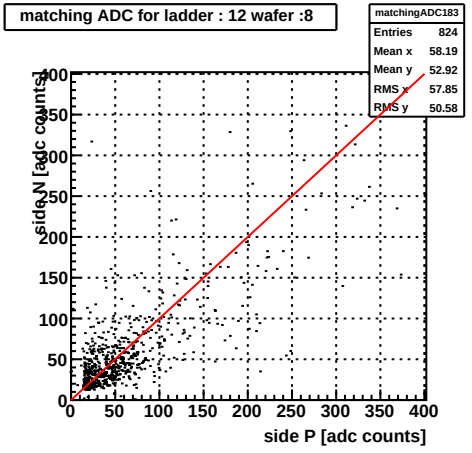

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1398
Mean x 85.67
Mean y 77.3
RMS x 65.67
RMS y 56.19
side N [adc counts]
side P [adc counts]

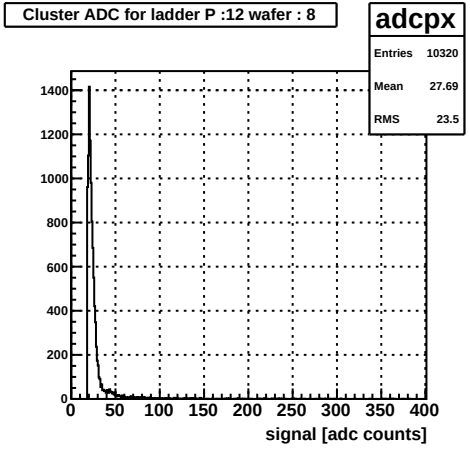

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2148
Mean 79.38
RMS 65.48
signal [adc counts]

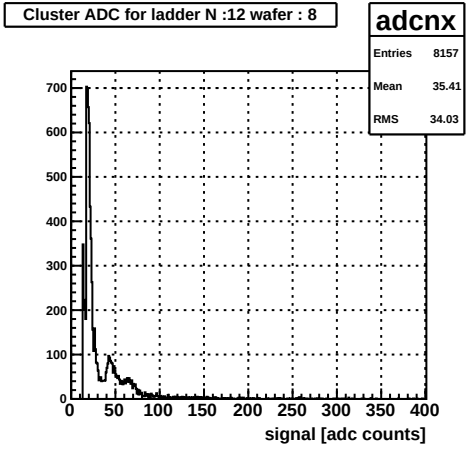

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2086
Mean 68.36
RMS 57.46
signal [adc counts]

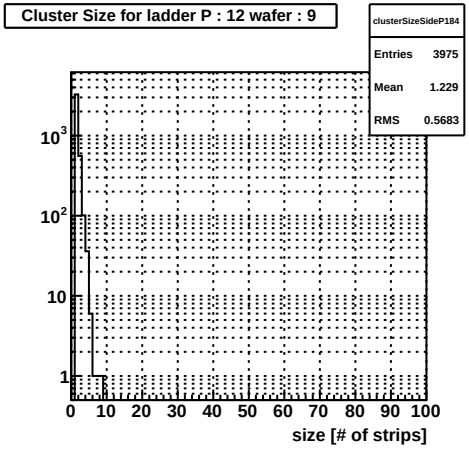

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10320
Mean 1.059
RMS 0.268
size [# of strips]

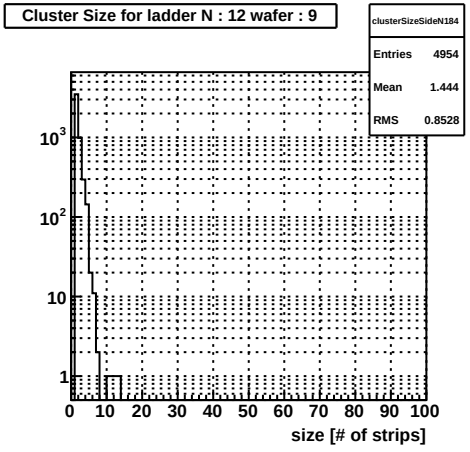

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8157
Mean 1.547
RMS 0.9394
size [# of strips]

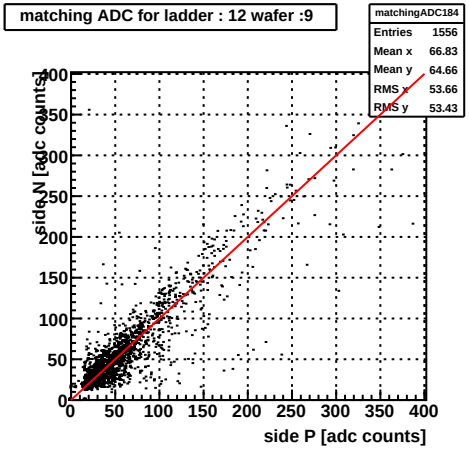

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 824
Mean x 58.19
Mean y 52.92
RMS x 57.85
RMS y 50.58
side N [adc counts]
side P [adc counts]

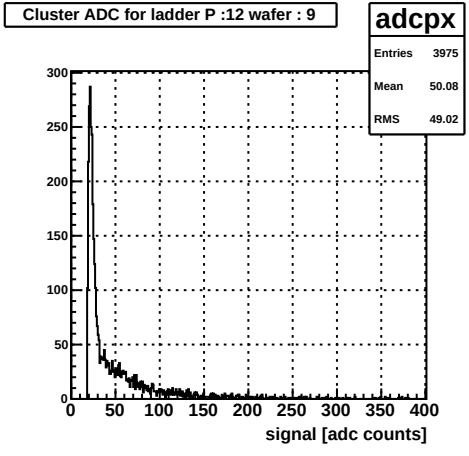

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10320
Mean 27.69
RMS 23.5
signal [adc counts]

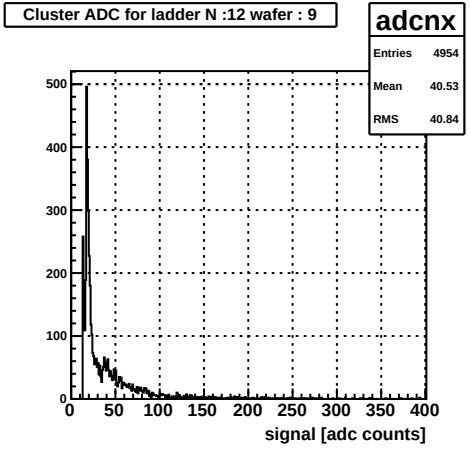

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8157
Mean 35.41
RMS 34.03
signal [adc counts]

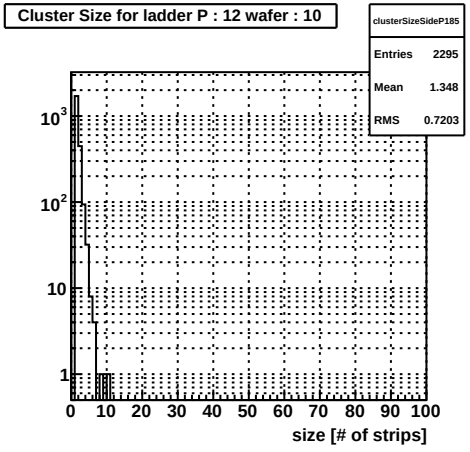

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3975
Mean 1.229
RMS 0.5683
size [# of strips]

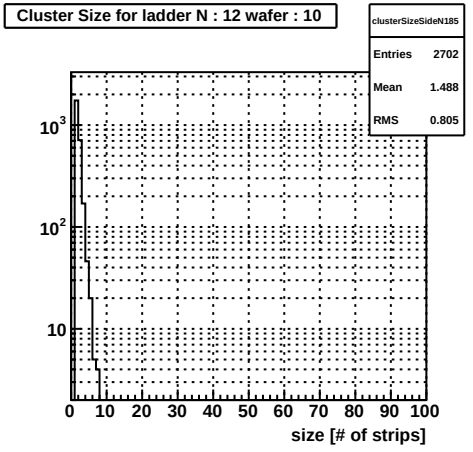

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4954
Mean 1.444
RMS 0.8528
size [# of strips]

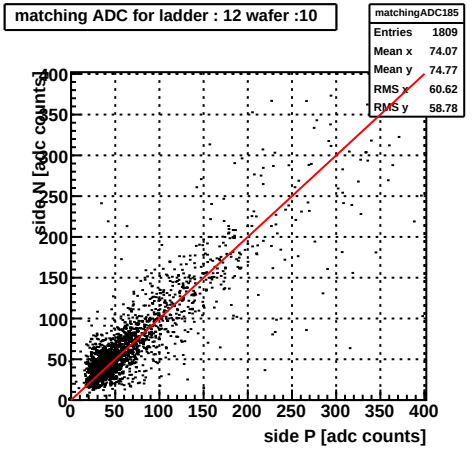

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1556
Mean x 66.83
Mean y 64.66
RMS x 53.66
RMS y 53.43
side N [adc counts]
side P [adc counts]

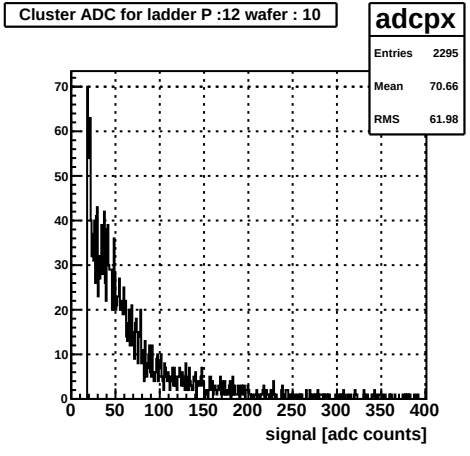

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3975
Mean 50.08
RMS 49.02
signal [adc counts]

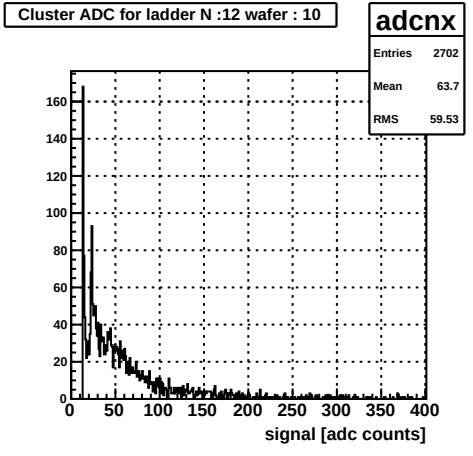

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4954
Mean 40.53
RMS 40.84
signal [adc counts]

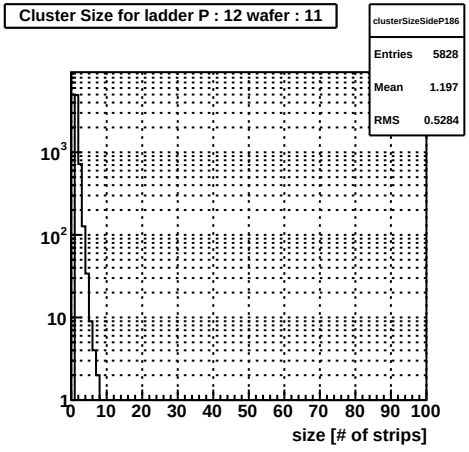

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2295
Mean 1.348
RMS 0.7203
size [# of strips]

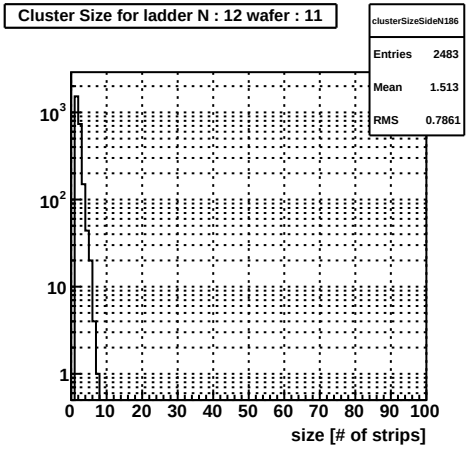

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2702
Mean 1.488
RMS 0.805
size [# of strips]

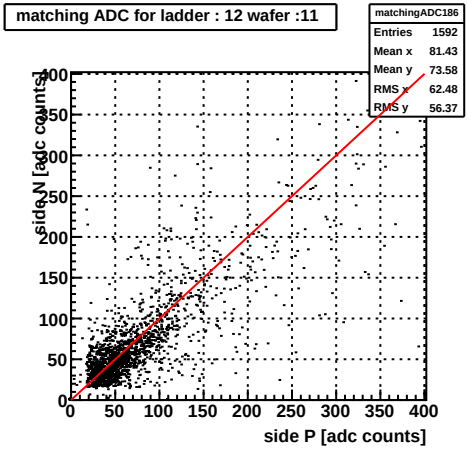

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1809
Mean x 74.07
Mean y 74.77
RMS x 60.62
RMS y 58.78
side N [adc counts]
side P [adc counts]

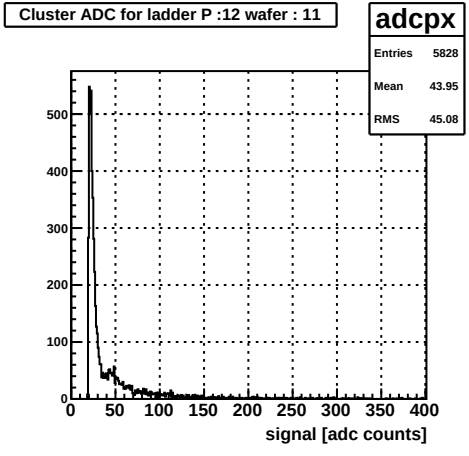

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2295
Mean 70.66
RMS 61.98
signal [adc counts]

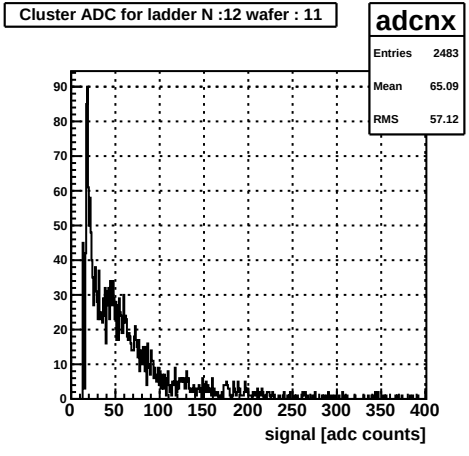

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2702
Mean 63.7
RMS 59.53
signal [adc counts]

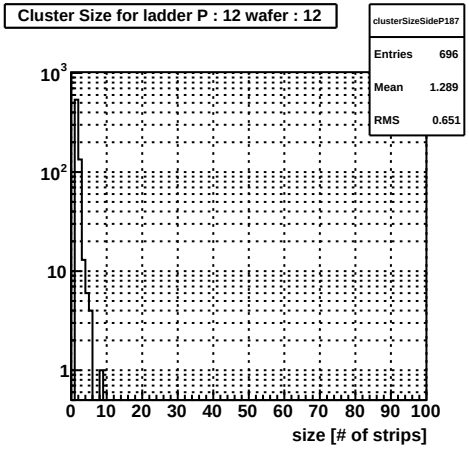

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 5828
Mean 1.197
RMS 0.5284
size [# of strips]

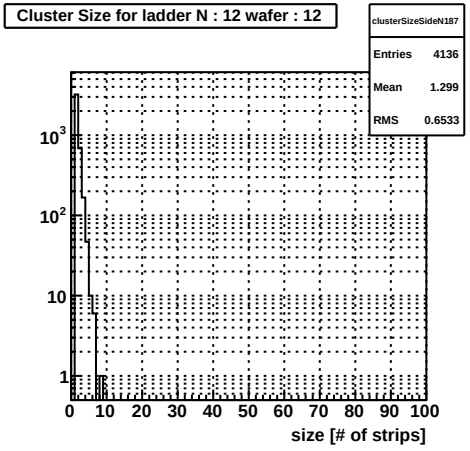

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2483
Mean 1.513
RMS 0.7861
size [# of strips]

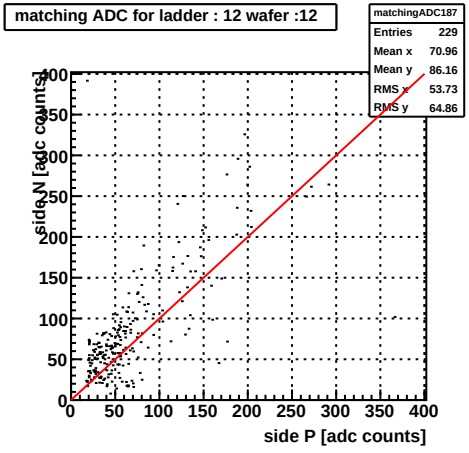

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1592
Mean x 81.43
Mean y 73.58
RMS x 62.48
RMS y 56.37
side N [adc counts]
side P [adc counts]

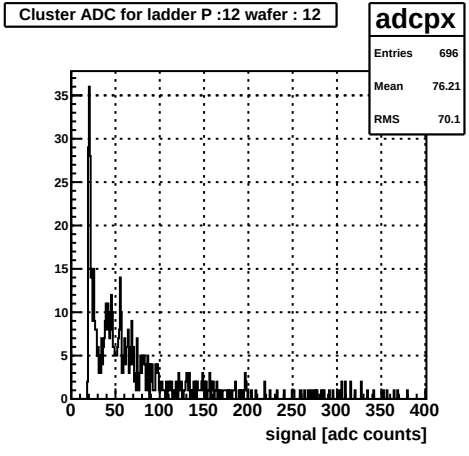

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 5828
Mean 43.95
RMS 45.08
signal [adc counts]

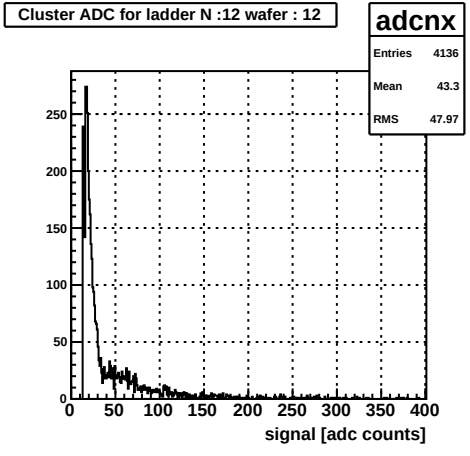

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2483
Mean 65.09
RMS 57.12
signal [adc counts]

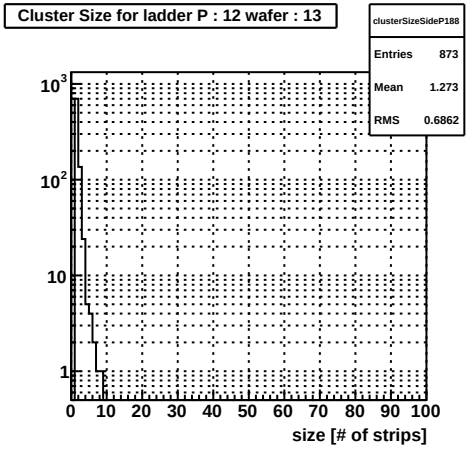

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 696
Mean 1.289
RMS 0.651
size [# of strips]

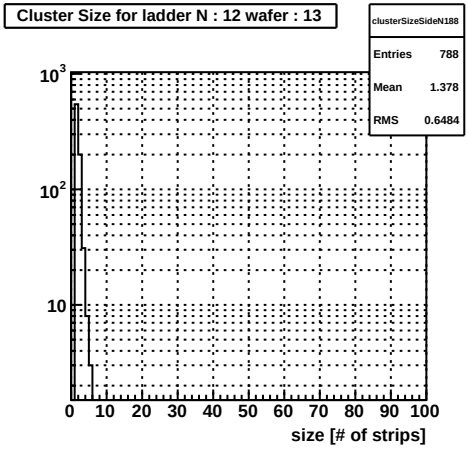

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4136
Mean 1.299
RMS 0.6533
size [# of strips]

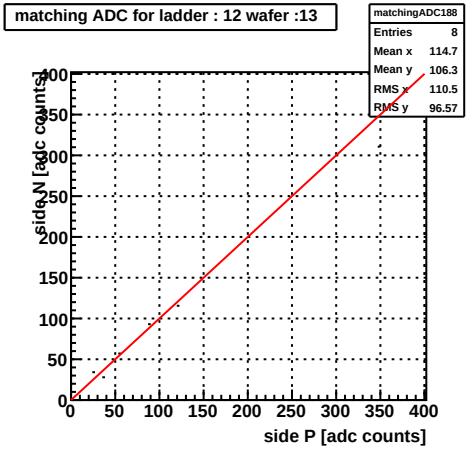

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 229
Mean x 70.96
Mean y 86.16
RMS x 53.73
RMS y 64.86
side N [adc counts]
side P [adc counts]

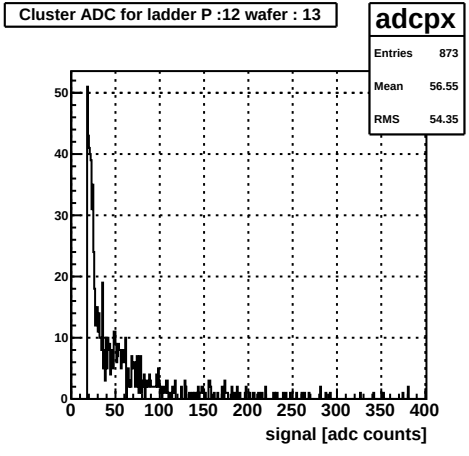

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 696
Mean 76.21
RMS 70.1
signal [adc counts]

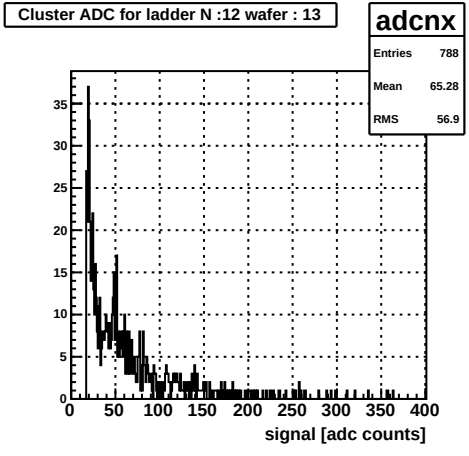

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4136
Mean 43.3
RMS 47.97
signal [adc counts]

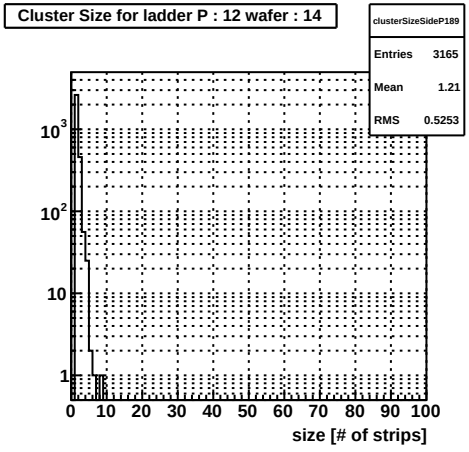

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 873
Mean 1.273
RMS 0.6862
size [# of strips]

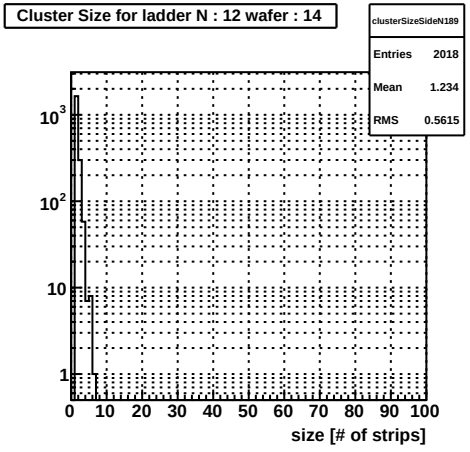

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 788
Mean 1.378
RMS 0.6484
size [# of strips]

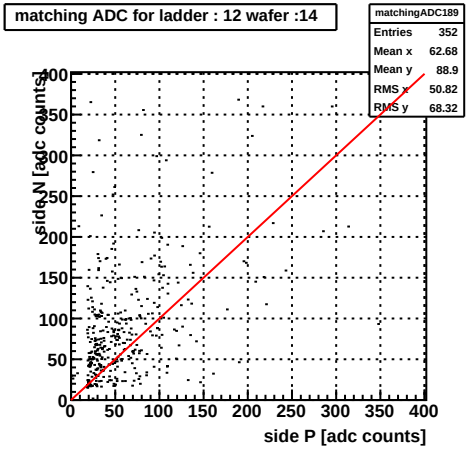

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 8
Mean x 114.7
Mean y 106.3
RMS x 110.5
RMS y 96.57
side N [adc counts]
side P [adc counts]

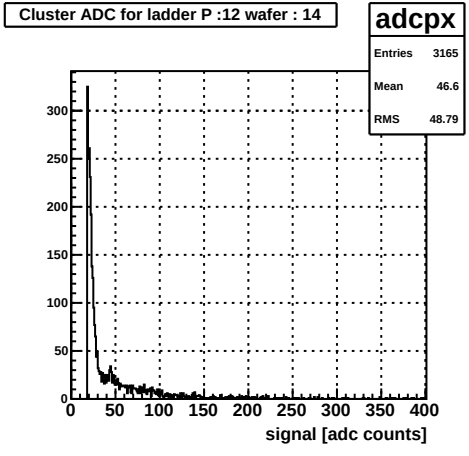

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 873
Mean 56.55
RMS 54.35
signal [adc counts]

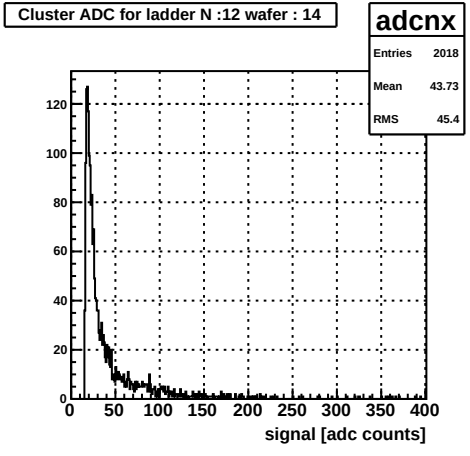

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 788
Mean 65.28
RMS 56.9
signal [adc counts]

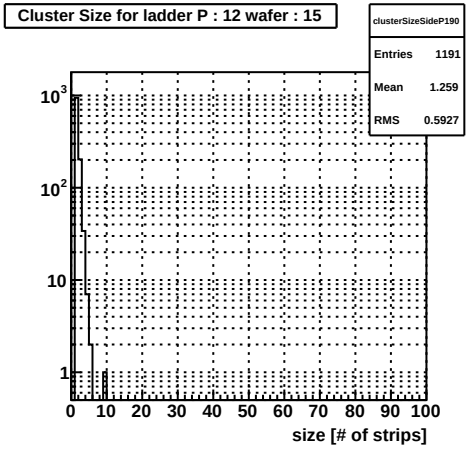

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3165
Mean 1.21
RMS 0.5253
size [# of strips]

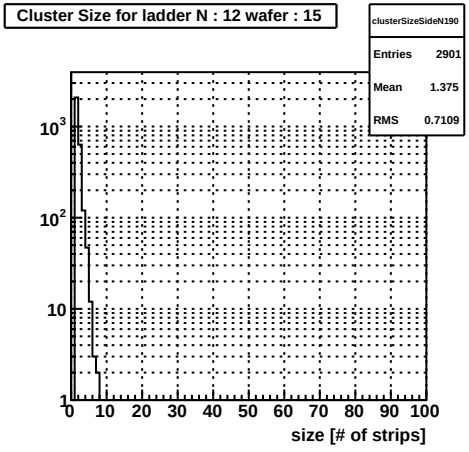

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2018
Mean 1.234
RMS 0.5615
size [# of strips]

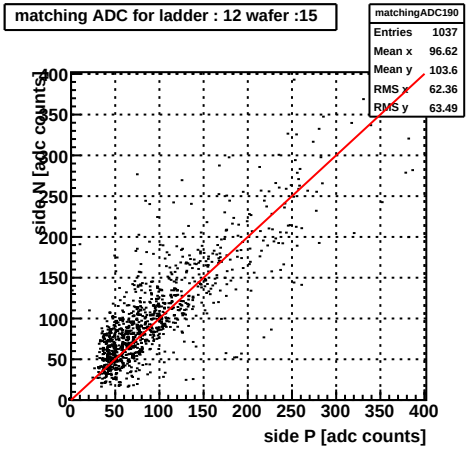

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 352
Mean x 62.68
Mean y 88.9
RMS x 50.82
RMS y 68.32
side N [adc counts]
side P [adc counts]

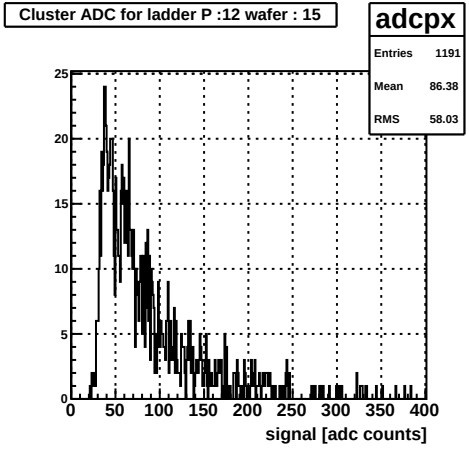

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3165
Mean 46.6
RMS 48.79
signal [adc counts]

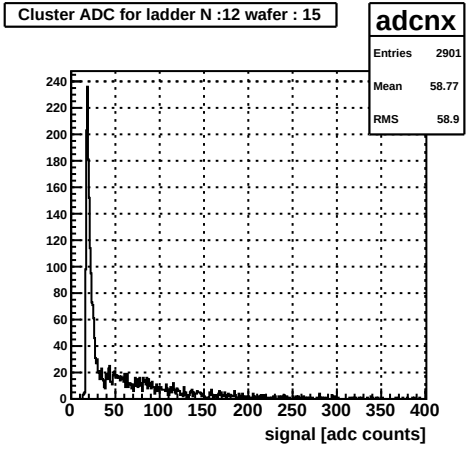

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2018
Mean 43.73
RMS 45.4
signal [adc counts]

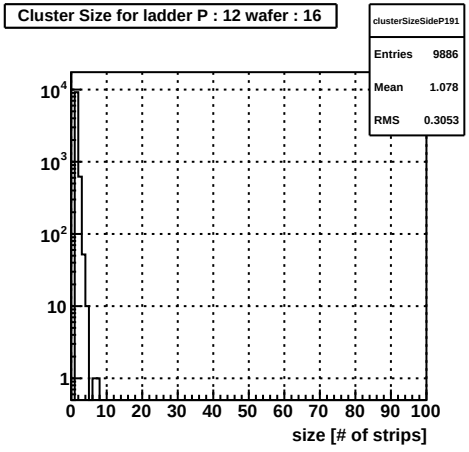

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1191
Mean 1.259
RMS 0.5927
size [# of strips]

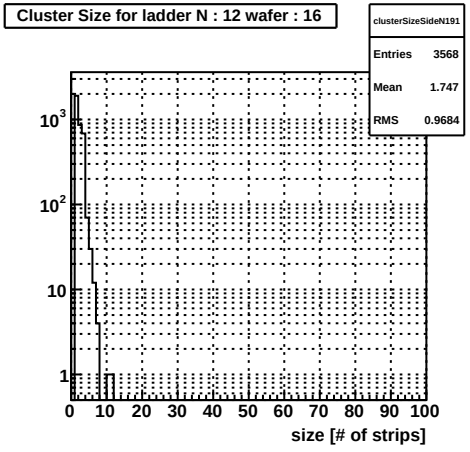

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2901
Mean 1.375
RMS 0.7109
size [# of strips]

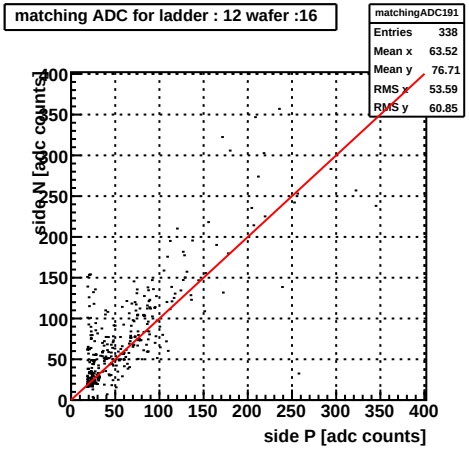

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1037
Mean x 96.62
Mean y 103.6
RMS x 62.36
RMS y 63.49
side N [adc counts]
side P [adc counts]

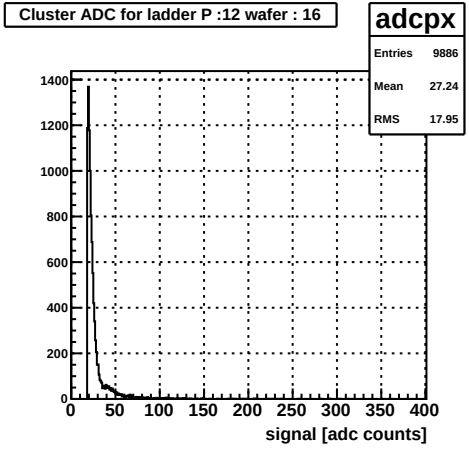

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1191
Mean 86.38
RMS 58.03
signal [adc counts]

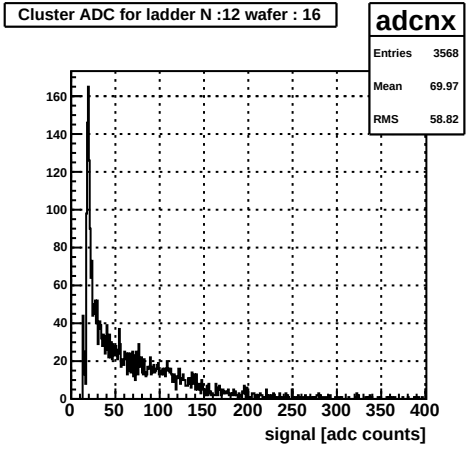

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2901
Mean 58.77
RMS 58.9
signal [adc counts]

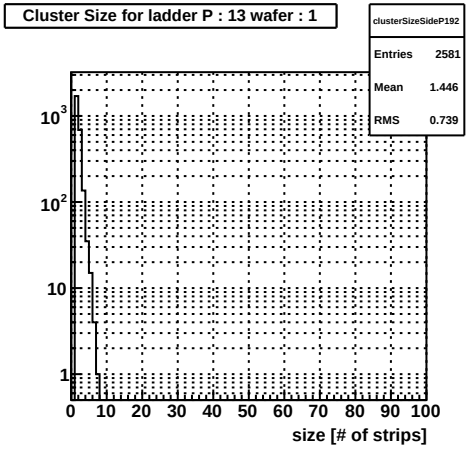

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 9886
Mean 1.078
RMS 0.3053
size [# of strips]

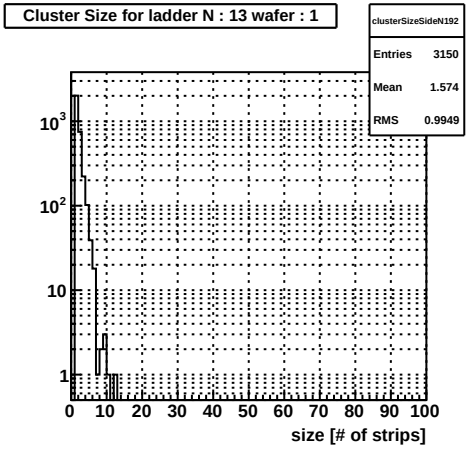

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3568
Mean 1.747
RMS 0.9684
size [# of strips]

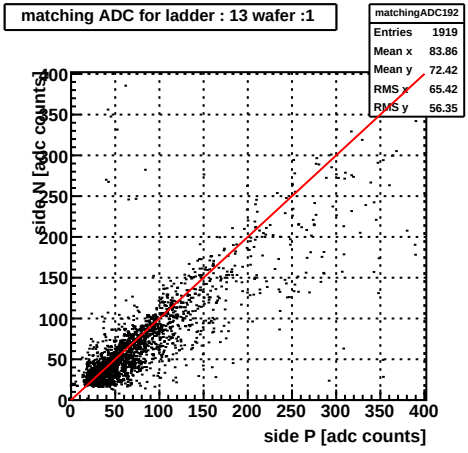

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 338
Mean x 63.52
Mean y 76.71
RMS x 53.59
RMS y 60.85
side N [adc counts]
side P [adc counts]

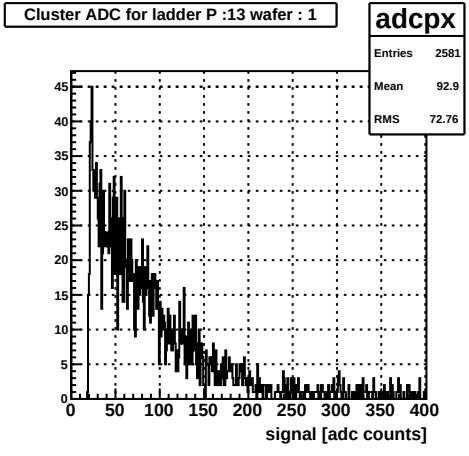

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 9886
Mean 27.24
RMS 17.95
signal [adc counts]

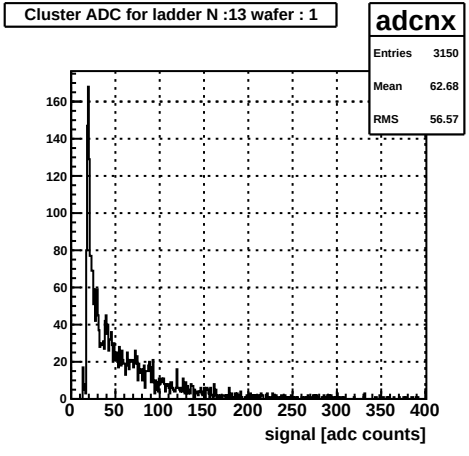

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3568
Mean 69.97
RMS 58.82
signal [adc counts]

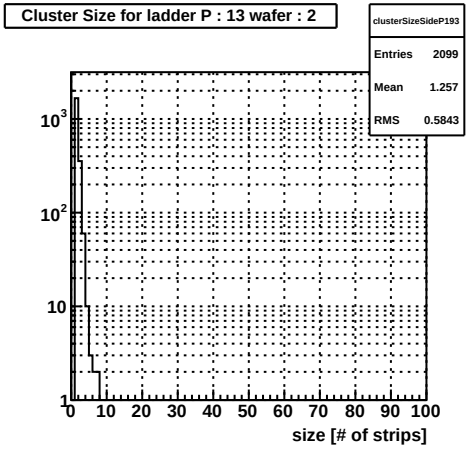

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2581
Mean 1.446
RMS 0.739
size [# of strips]

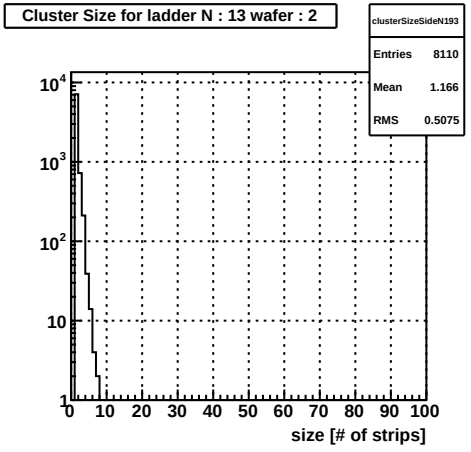

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3150
Mean 1.574
RMS 0.9949
size [# of strips]

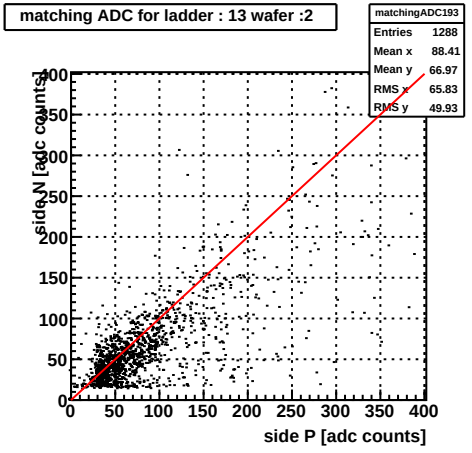

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1919
Mean x 83.86
Mean y 72.42
RMS x 65.42
RMS y 56.35
side N [adc counts]
side P [adc counts]

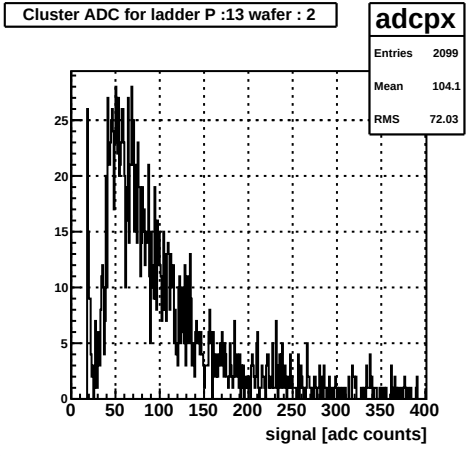

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2581
Mean 92.9
RMS 72.76
signal [adc counts]

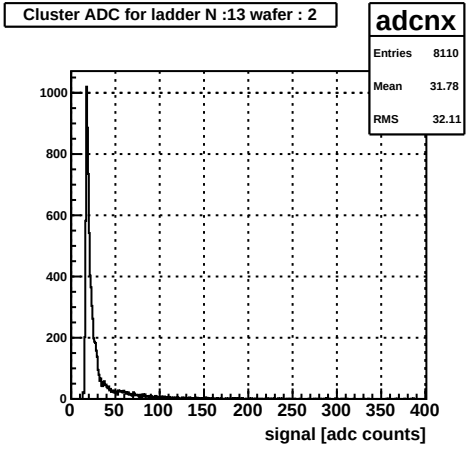

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3150
Mean 62.68
RMS 56.57
signal [adc counts]

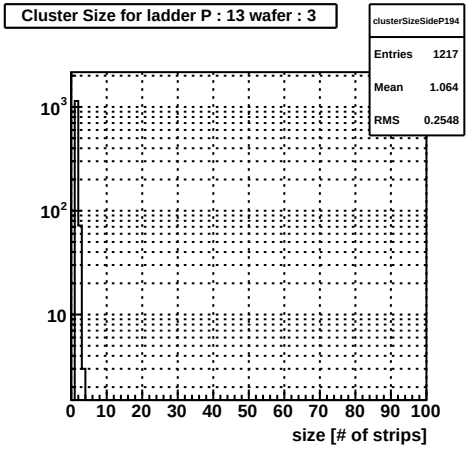

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2099
Mean 1.257
RMS 0.5843
size [# of strips]

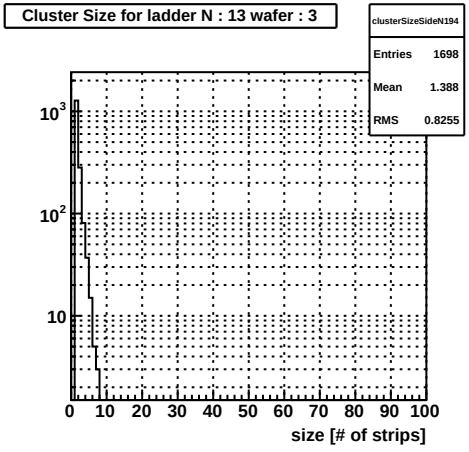

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8110
Mean 1.166
RMS 0.5075
size [# of strips]

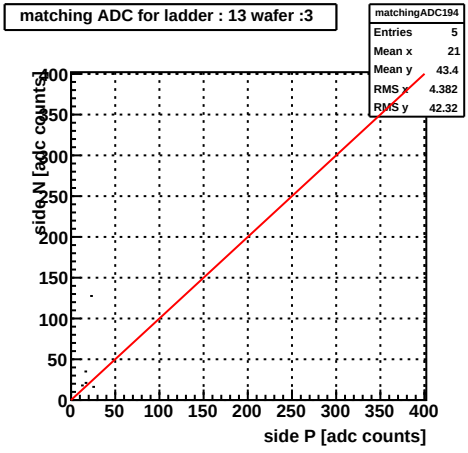

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1288
Mean x 88.41
Mean y 66.97
RMS x 65.83
RMS y 49.93
side N [adc counts]
side P [adc counts]

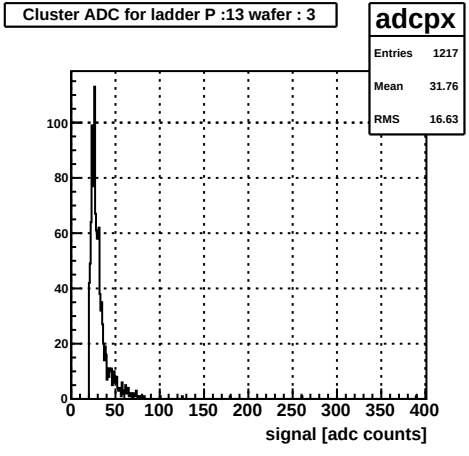

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2099
Mean 104.1
RMS 72.03
signal [adc counts]

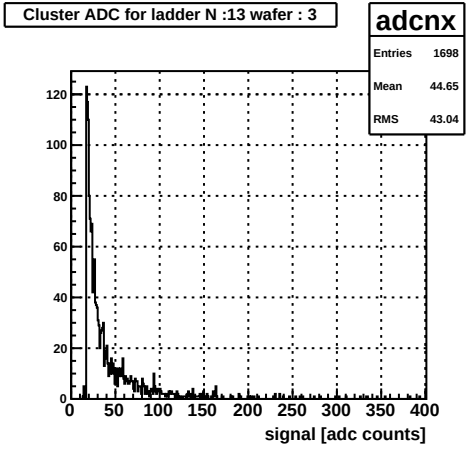

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8110
Mean 31.78
RMS 32.11
signal [adc counts]

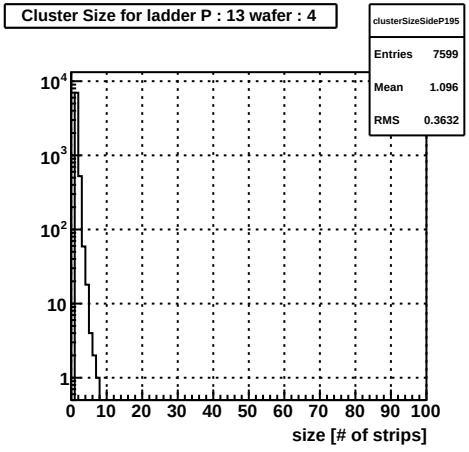

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1217
Mean 1.064
RMS 0.2548
size [# of strips]

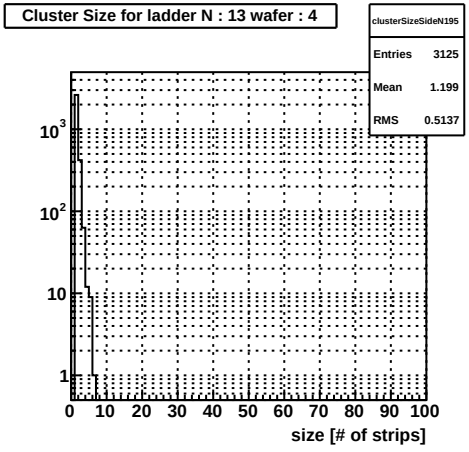

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1698
Mean 1.388
RMS 0.8255
size [# of strips]

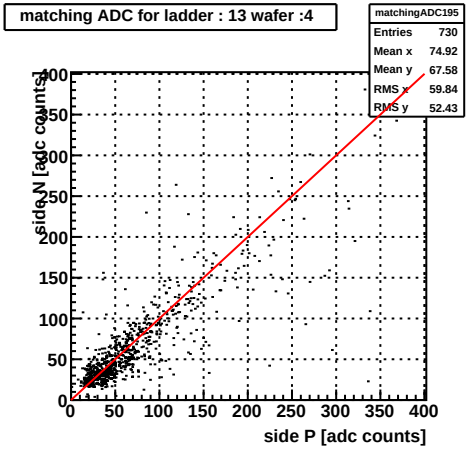

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 5
Mean x 21
Mean y 43.4
RMS x 4.382
RMS y 42.32
side N [adc counts]
side P [adc counts]

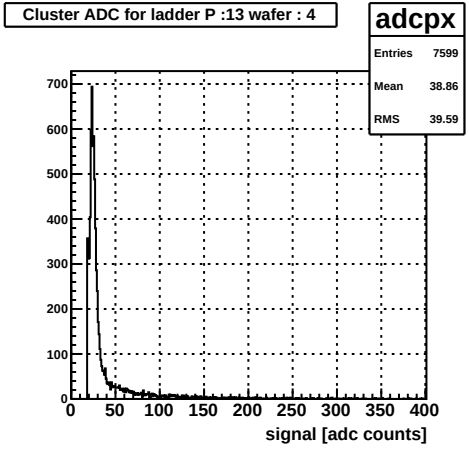

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1217
Mean 31.76
RMS 16.63
signal [adc counts]

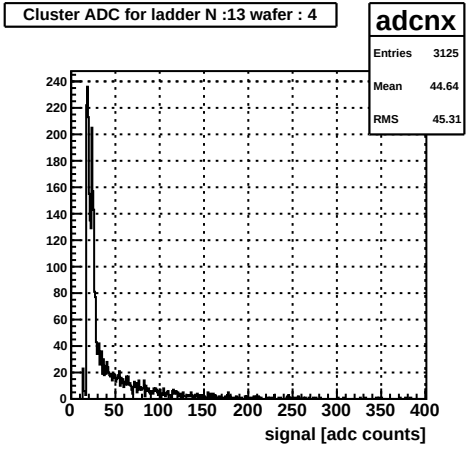

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1698
Mean 44.65
RMS 43.04
signal [adc counts]

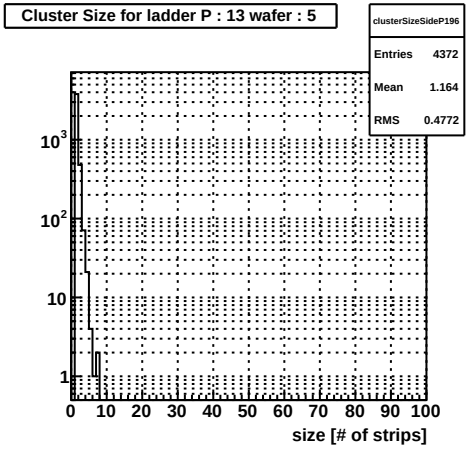

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7599
Mean 1.096
RMS 0.3632
size [# of strips]

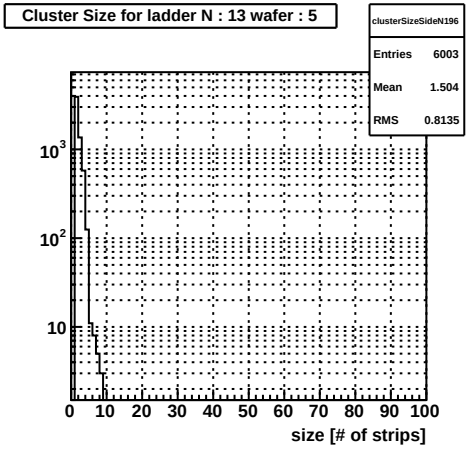

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3125
Mean 1.199
RMS 0.5137
size [# of strips]

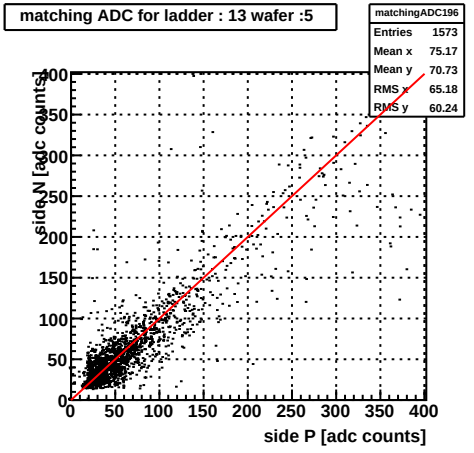

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 730
Mean x 74.92
Mean y 67.58
RMS x 59.84
RMS y 52.43
side N [adc counts]
side P [adc counts]

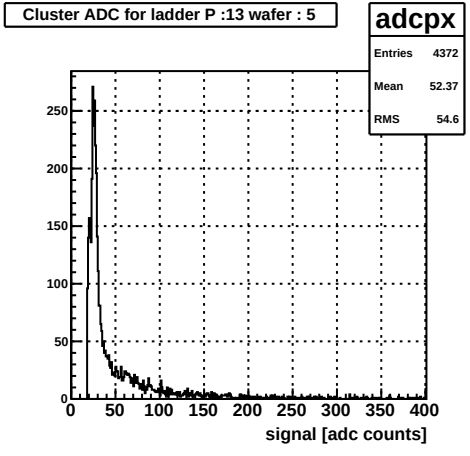

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7599
Mean 38.86
RMS 39.59
signal [adc counts]

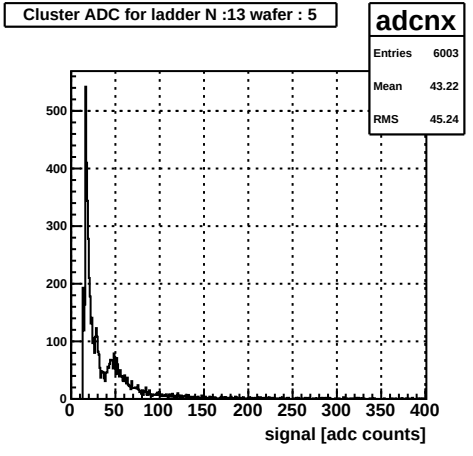

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3125
Mean 44.64
RMS 45.31
signal [adc counts]

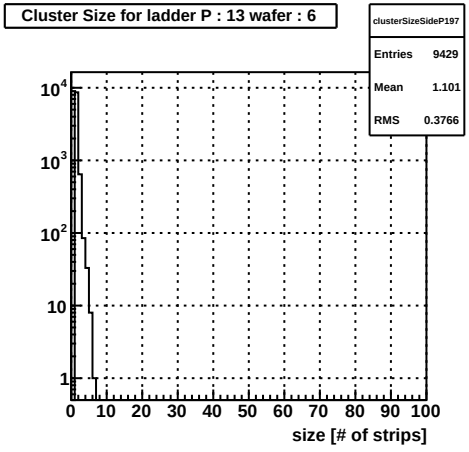

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4372
Mean 1.164
RMS 0.4772
size [# of strips]

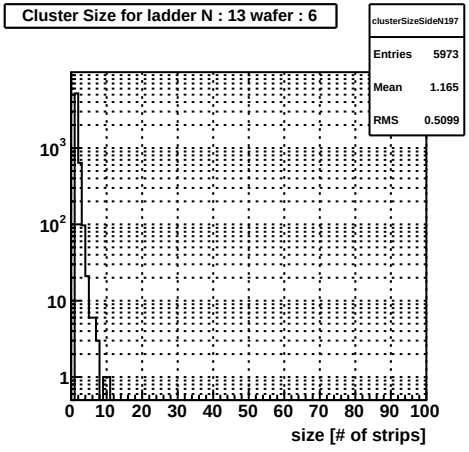

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6003
Mean 1.504
RMS 0.8135
size [# of strips]

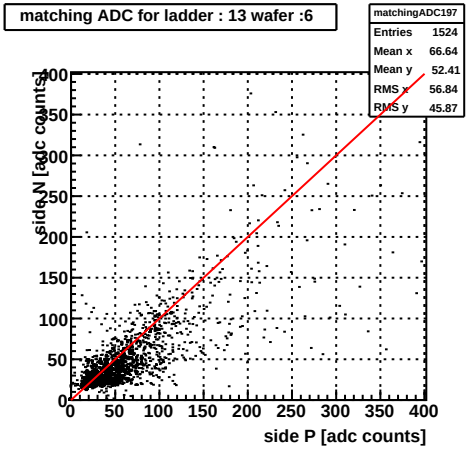

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1573
Mean x 75.17
Mean y 70.73
RMS x 65.18
RMS y 60.24
side N [adc counts]
side P [adc counts]

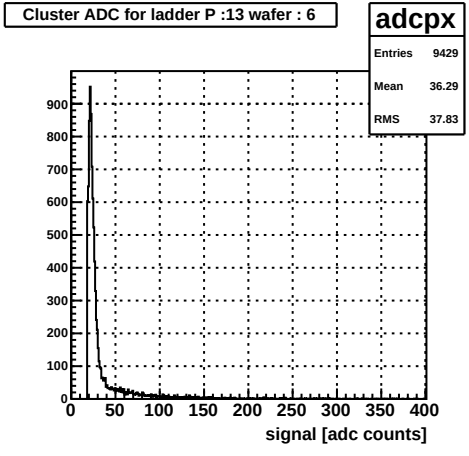

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4372
Mean 52.37
RMS 54.6
signal [adc counts]

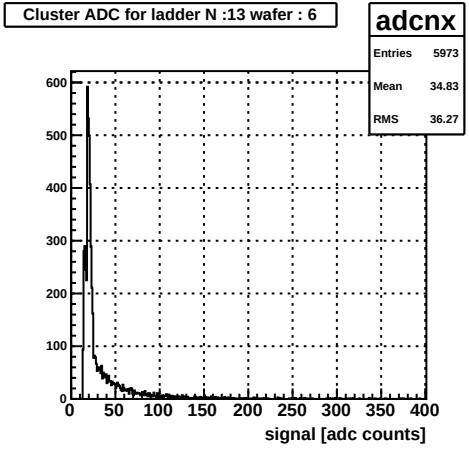

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6003
Mean 43.22
RMS 45.24
signal [adc counts]

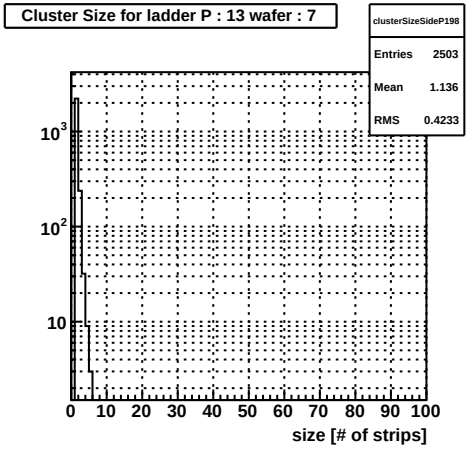

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9429
Mean 1.101
RMS 0.3766
size [# of strips]

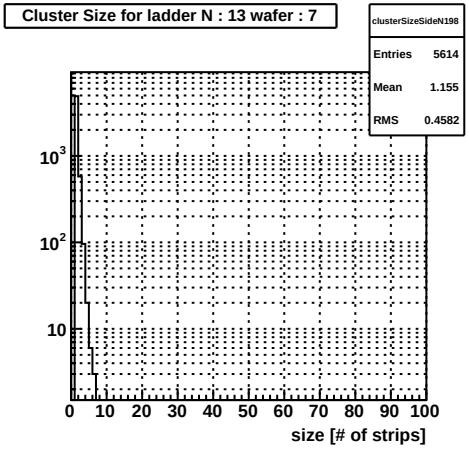

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5973
Mean 1.165
RMS 0.5099
size [# of strips]

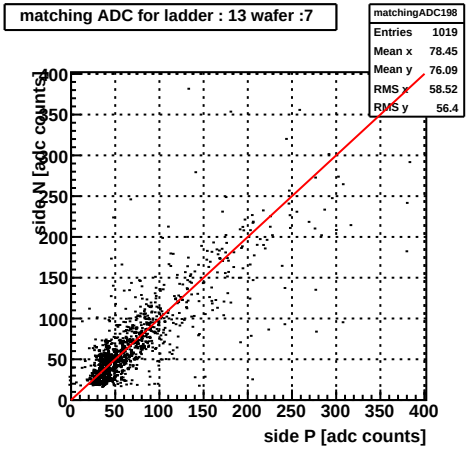

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1524
Mean x 66.64
Mean y 52.41
RMS x 56.84
RMS y 45.87
side N [adc counts]
side P [adc counts]

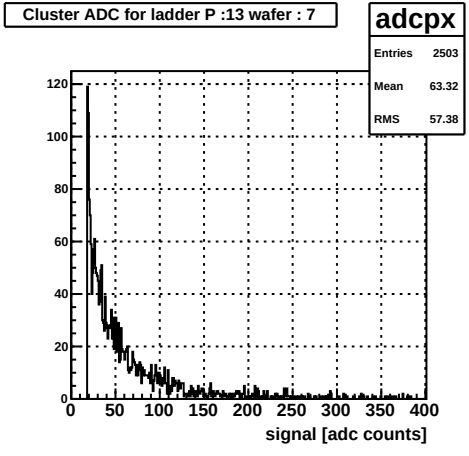

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9429
Mean 36.29
RMS 37.83
signal [adc counts]

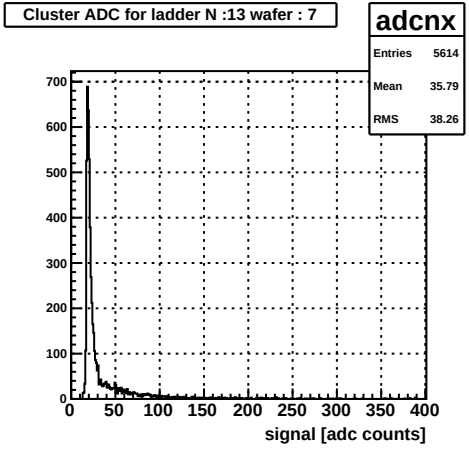

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5973
Mean 34.83
RMS 36.27
signal [adc counts]

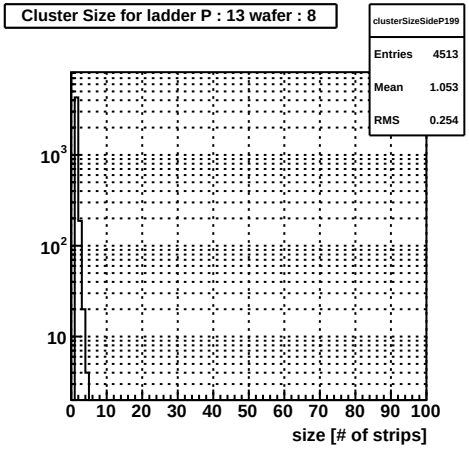

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2503
Mean 1.136
RMS 0.4233
size [# of strips]

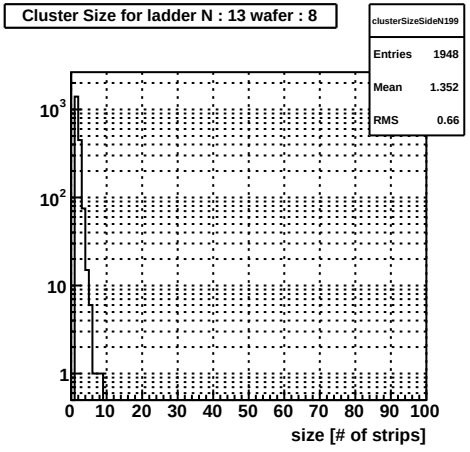

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5614
Mean 1.155
RMS 0.4582
size [# of strips]

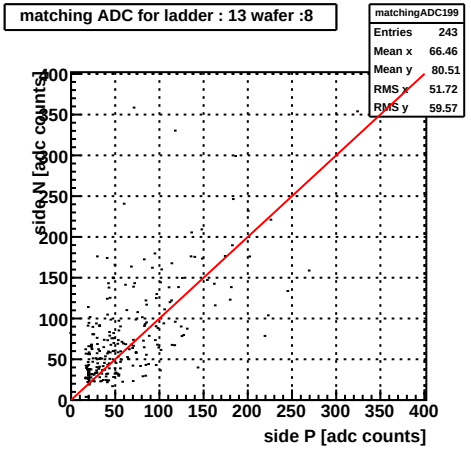

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1019
Mean x 78.45
Mean y 76.09
RMS x 58.52
RMS y 56.4
side N [adc counts]
side P [adc counts]

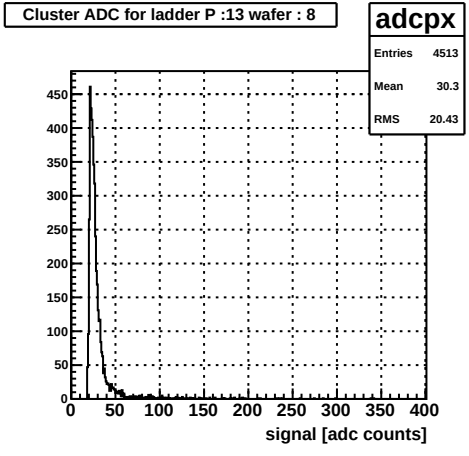

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2503
Mean 63.32
RMS 57.38
signal [adc counts]

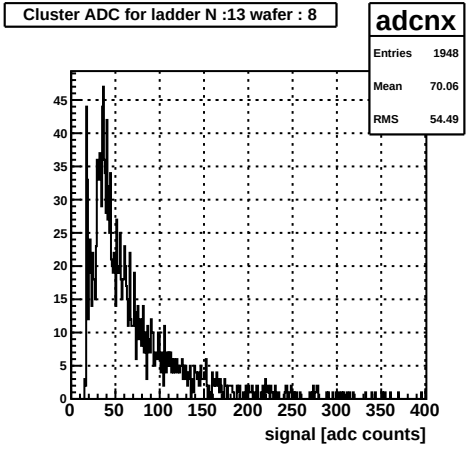

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5614
Mean 35.79
RMS 38.26
signal [adc counts]

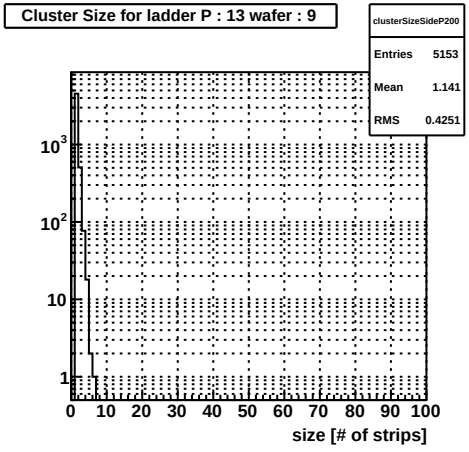

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4513
Mean 1.053
RMS 0.254
size [# of strips]

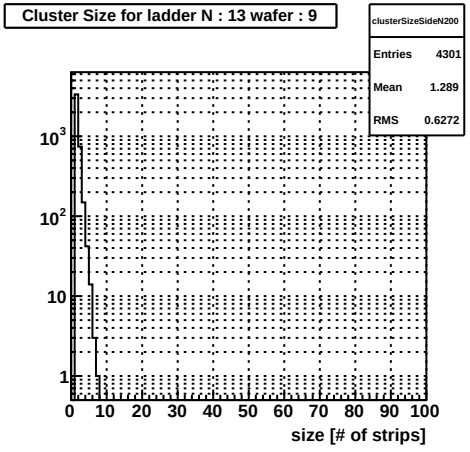

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1948
Mean 1.352
RMS 0.66
size [# of strips]

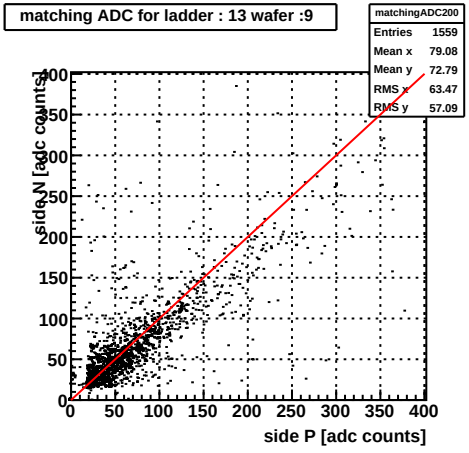

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 243
Mean x 66.46
Mean y 80.51
RMS x 51.72
RMS y 59.57
side N [adc counts]
side P [adc counts]

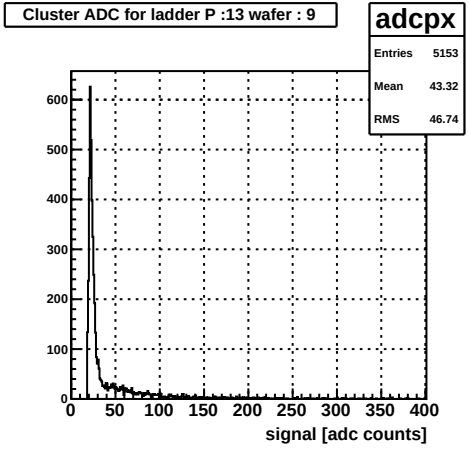

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4513
Mean 30.3
RMS 20.43
signal [adc counts]

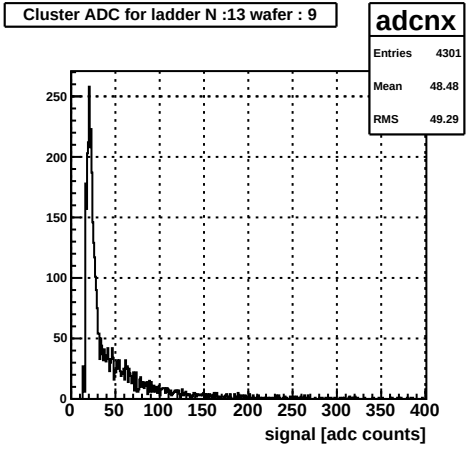

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1948
Mean 70.06
RMS 54.49
signal [adc counts]

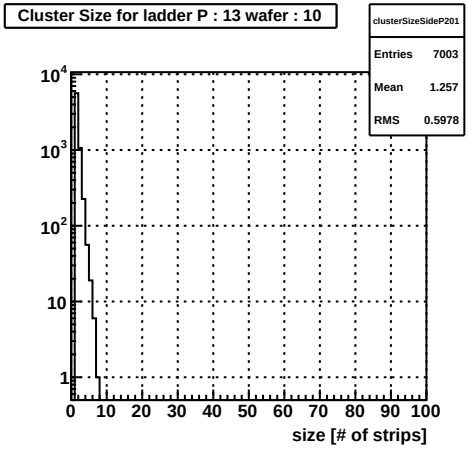

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5153
Mean 1.141
RMS 0.4251
size [# of strips]

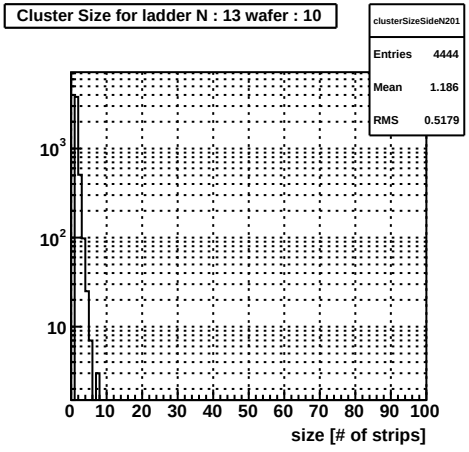

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4301
Mean 1.289
RMS 0.6272
size [# of strips]

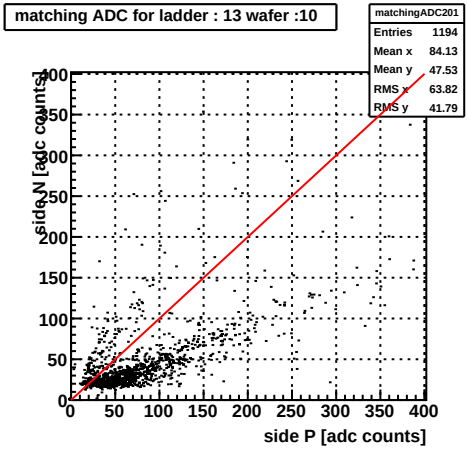

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1559
Mean x 79.08
Mean y 72.79
RMS x 63.47
RMS y 57.09
side N [adc counts]
side P [adc counts]

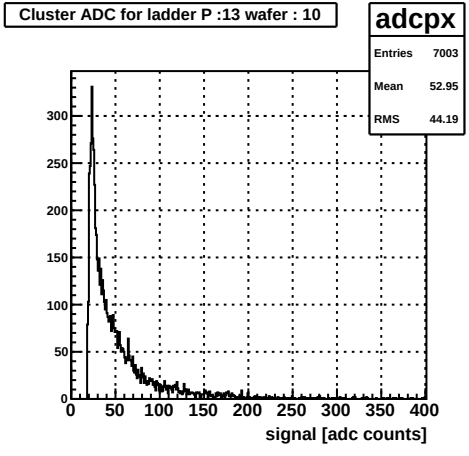

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5153
Mean 43.32
RMS 46.74
signal [adc counts]

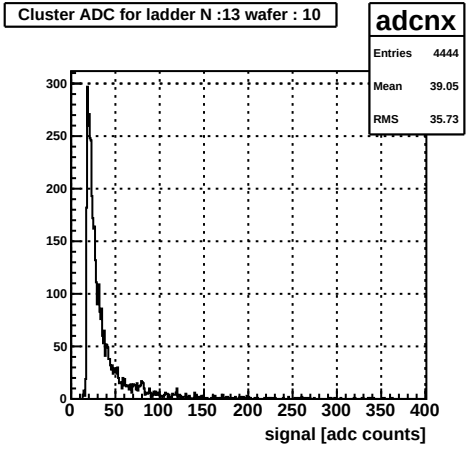

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4301
Mean 48.48
RMS 49.29
signal [adc counts]

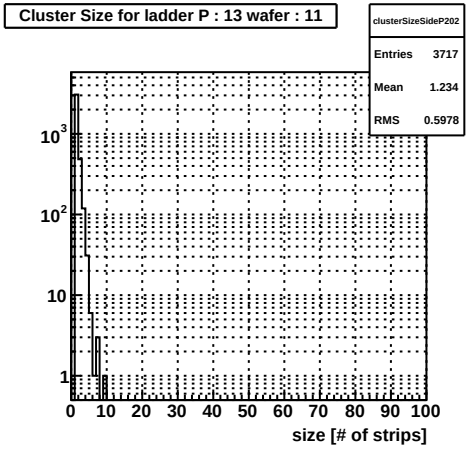

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7003
Mean 1.257
RMS 0.5978
size [# of strips]

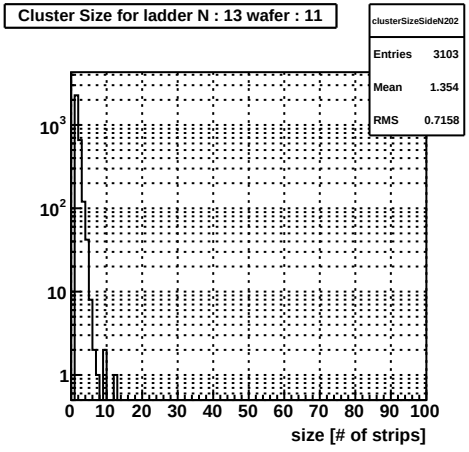

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4444
Mean 1.186
RMS 0.5179
size [# of strips]

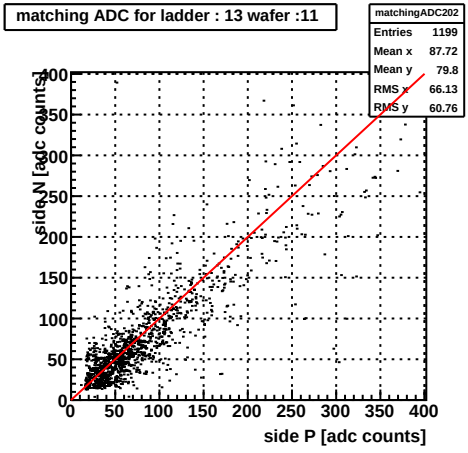

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1194
Mean x 84.13
Mean y 47.53
RMS x 63.82
RMS y 41.79
side N [adc counts]
side P [adc counts]

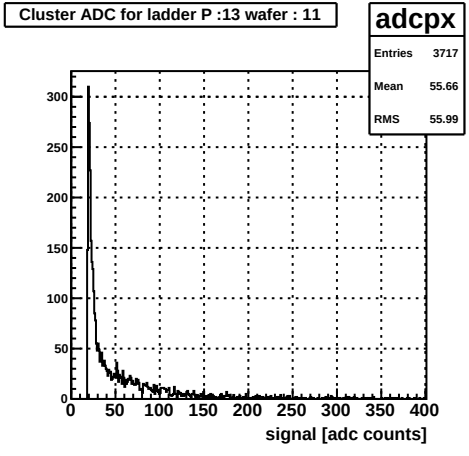

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7003
Mean 52.95
RMS 44.19
signal [adc counts]

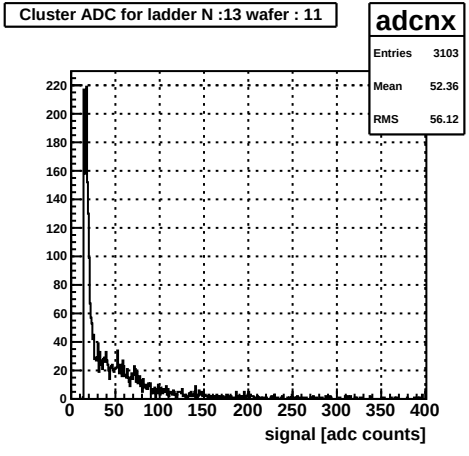

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4444
Mean 39.05
RMS 35.73
signal [adc counts]

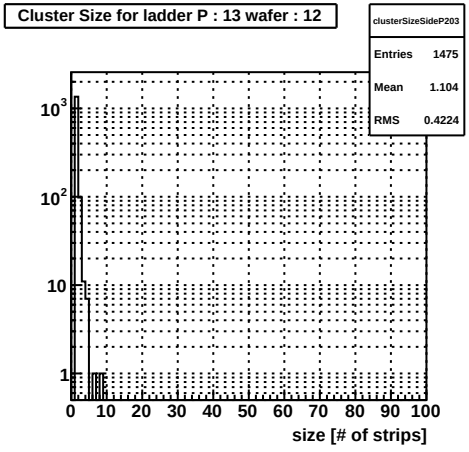

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3717
Mean 1.234
RMS 0.5978
size [# of strips]

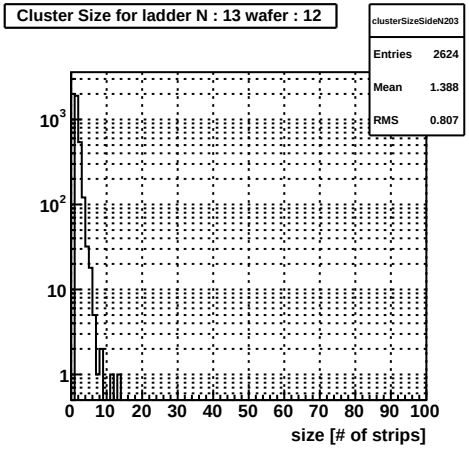

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3103
Mean 1.354
RMS 0.7158
size [# of strips]

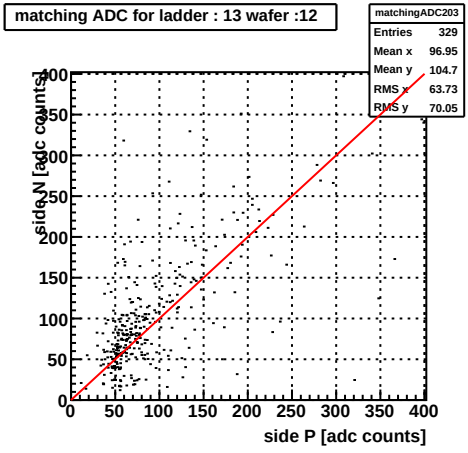

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1199
Mean x 87.72
Mean y 79.8
RMS x 66.13
RMS y 60.76
side N [adc counts]
side P [adc counts]

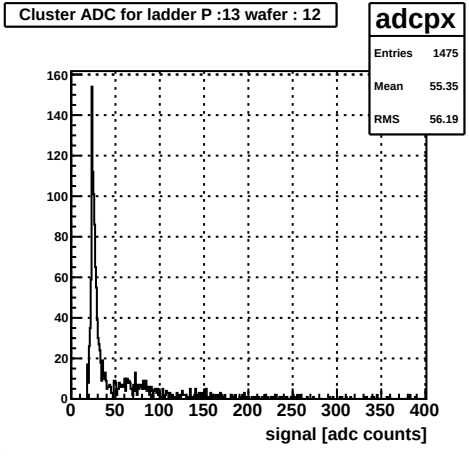

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3717
Mean 55.66
RMS 55.99
signal [adc counts]

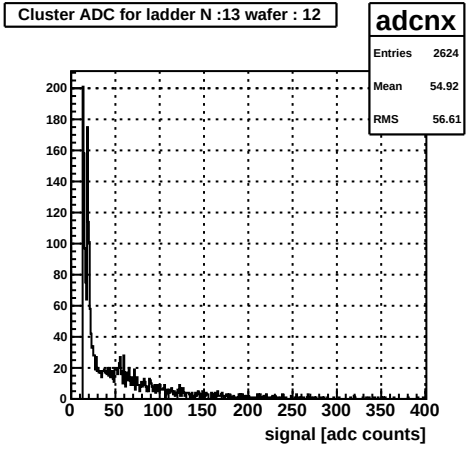

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3103
Mean 52.36
RMS 56.12
signal [adc counts]

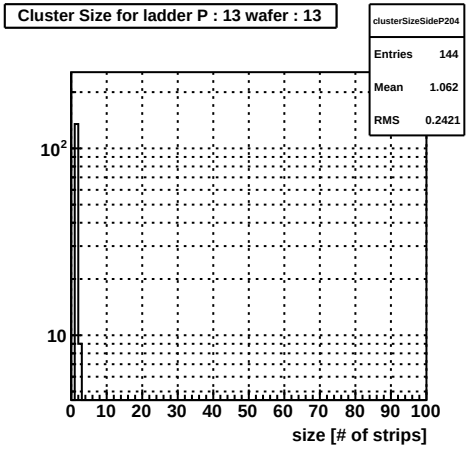

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1475
Mean 1.104
RMS 0.4224
size [# of strips]

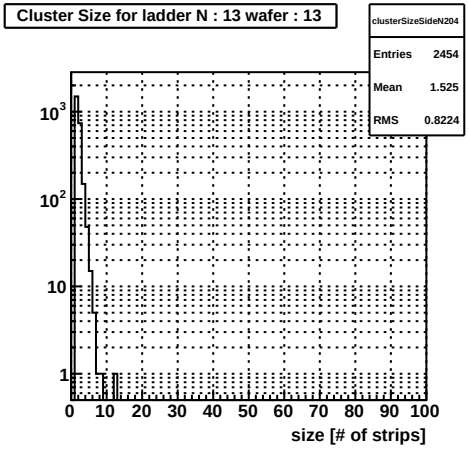

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2624
Mean 1.388
RMS 0.807
size [# of strips]

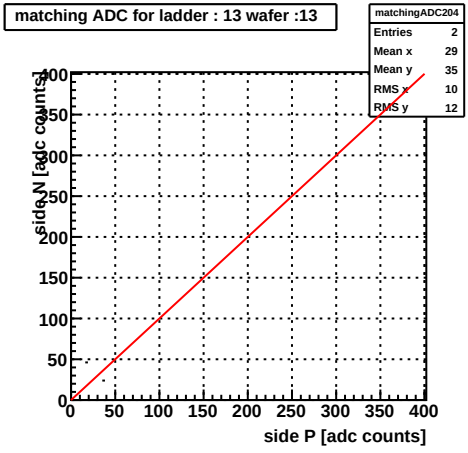

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 329
Mean x 96.95
Mean y 104.7
RMS x 63.73
RMS y 70.05
side N [adc counts]
side P [adc counts]

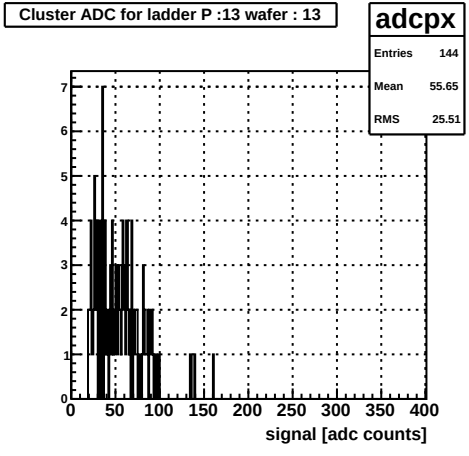

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1475
Mean 55.35
RMS 56.19
signal [adc counts]

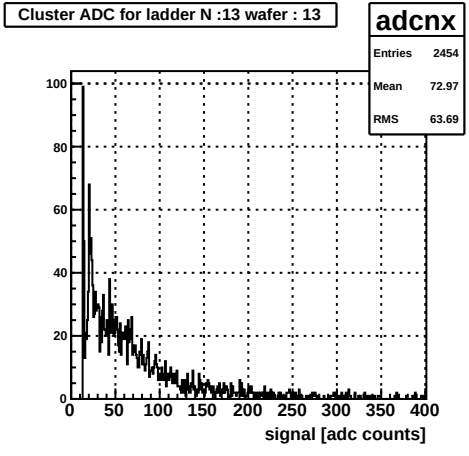

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2624
Mean 54.92
RMS 56.61
signal [adc counts]

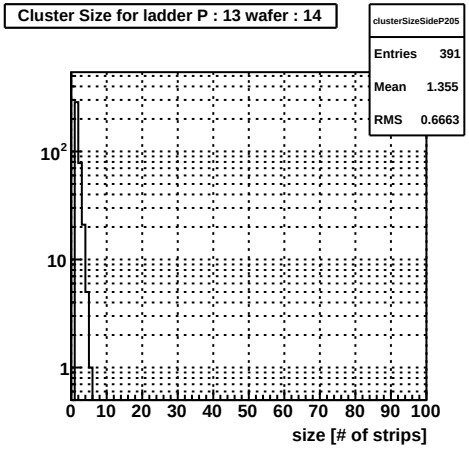

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 144
Mean 1.062
RMS 0.2421
size [# of strips]

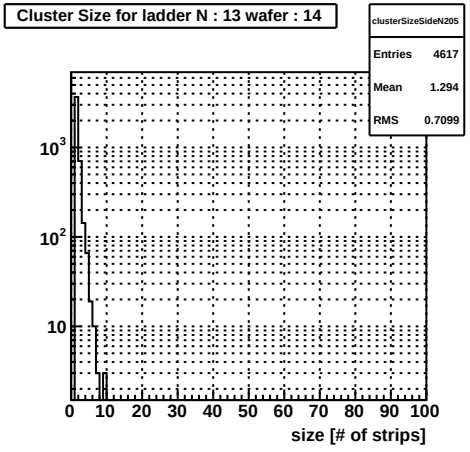

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2454
Mean 1.525
RMS 0.8224
size [# of strips]

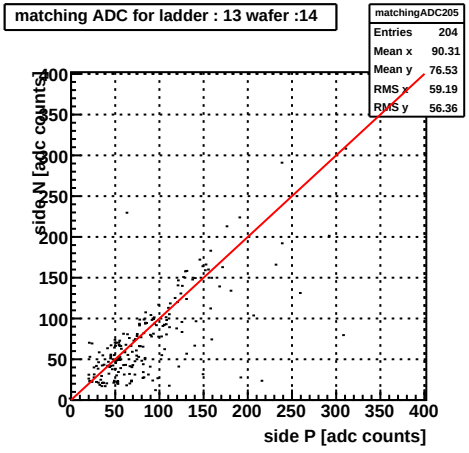

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 29
Mean y 35
RMS x 10
RMS y 12
side N [adc counts]
side P [adc counts]

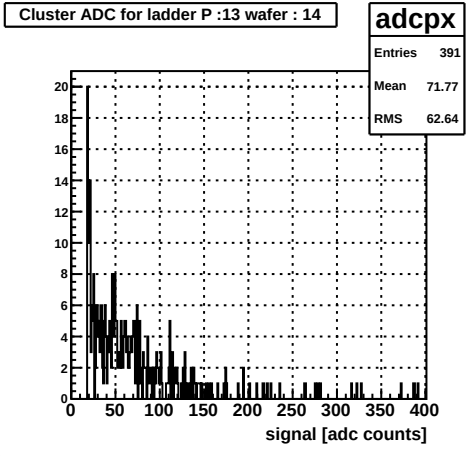

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 144
Mean 55.65
RMS 25.51
signal [adc counts]

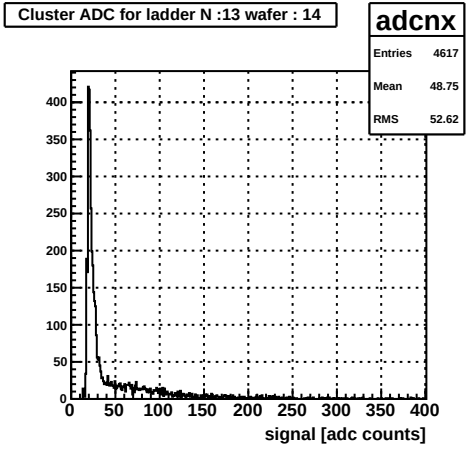

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2454
Mean 72.97
RMS 63.69
signal [adc counts]

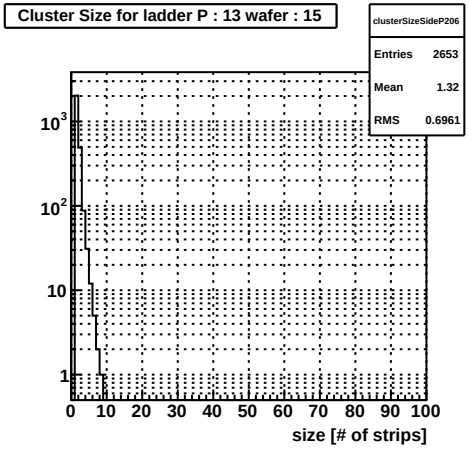

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 391
Mean 1.355
RMS 0.6663
size [# of strips]

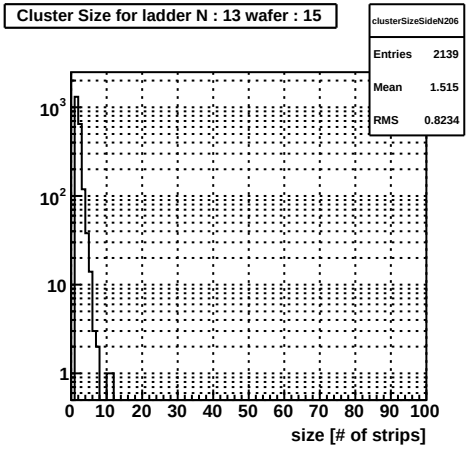

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4617
Mean 1.294
RMS 0.7099
size [# of strips]

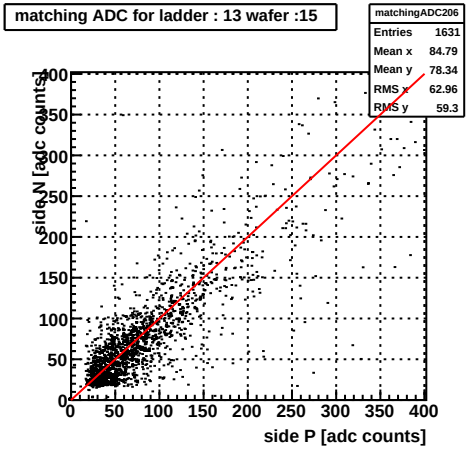

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 204
Mean x 90.31
Mean y 76.53
RMS x 59.19
RMS y 56.36
side N [adc counts]
side P [adc counts]

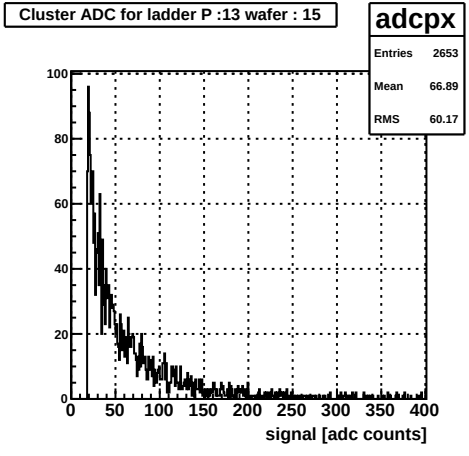

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 391
Mean 71.77
RMS 62.64
signal [adc counts]

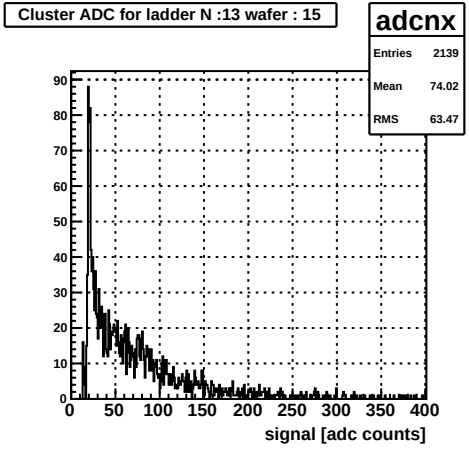

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4617
Mean 48.75
RMS 52.62
signal [adc counts]

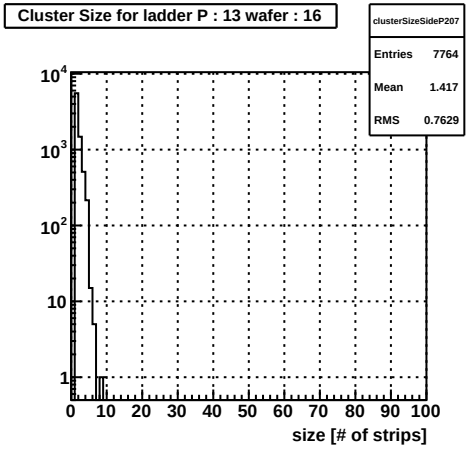

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2653
Mean 1.32
RMS 0.6961
size [# of strips]

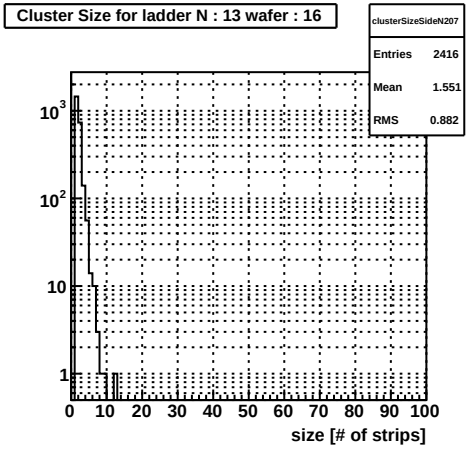

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2139
Mean 1.515
RMS 0.8234
size [# of strips]

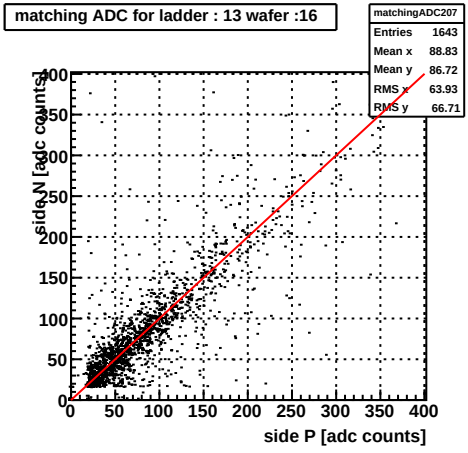

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1631
Mean x 84.79
Mean y 78.34
RMS x 62.96
RMS y 59.3
side N [adc counts]
side P [adc counts]

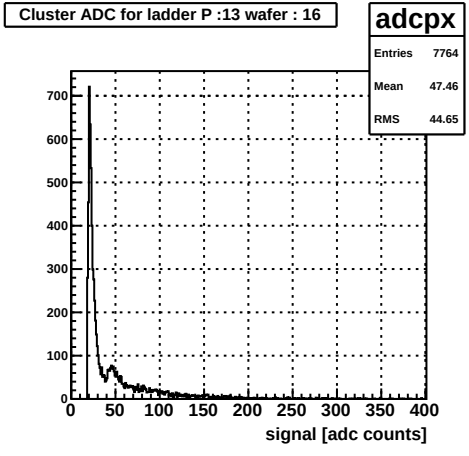

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2653
Mean 66.89
RMS 60.17
signal [adc counts]

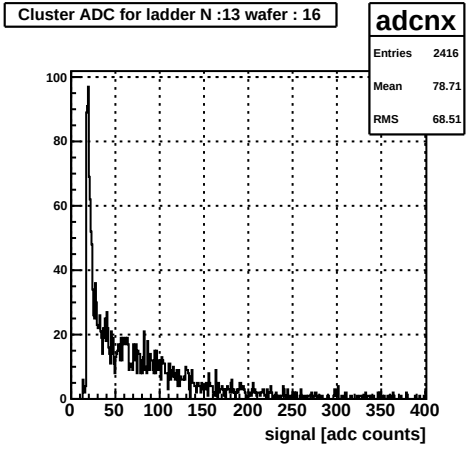

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2139
Mean 74.02
RMS 63.47
signal [adc counts]

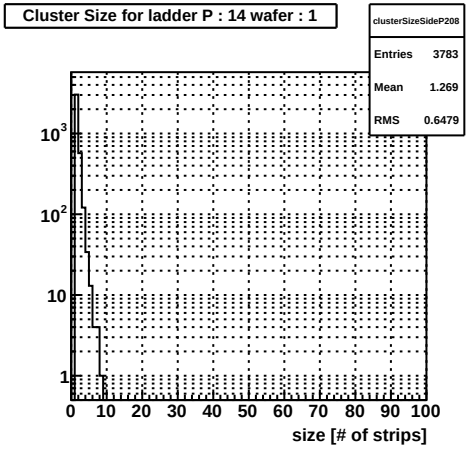

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 7764
Mean 1.417
RMS 0.7629
size [# of strips]

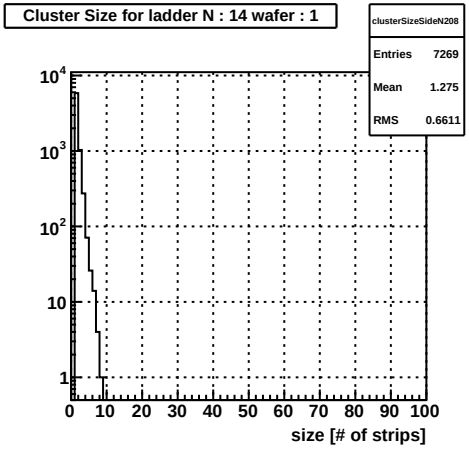

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2416
Mean 1.551
RMS 0.882
size [# of strips]

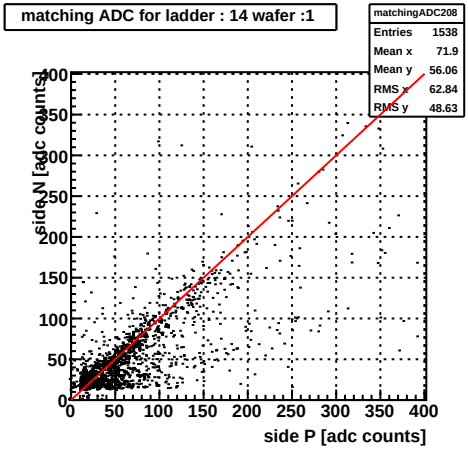

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1643
Mean x 88.83
Mean y 86.72
RMS x 63.93
RMS y 66.71
side N [adc counts]
side P [adc counts]

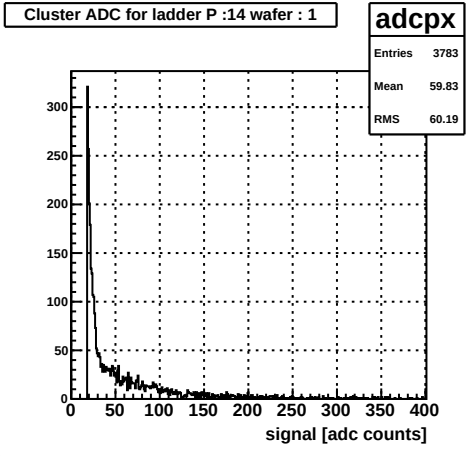

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 7764
Mean 47.46
RMS 44.65
signal [adc counts]

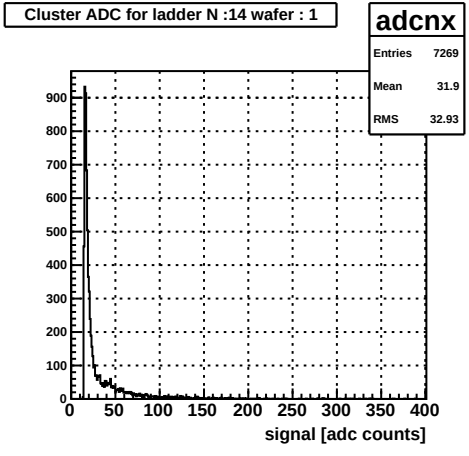

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2416
Mean 78.71
RMS 68.51
signal [adc counts]

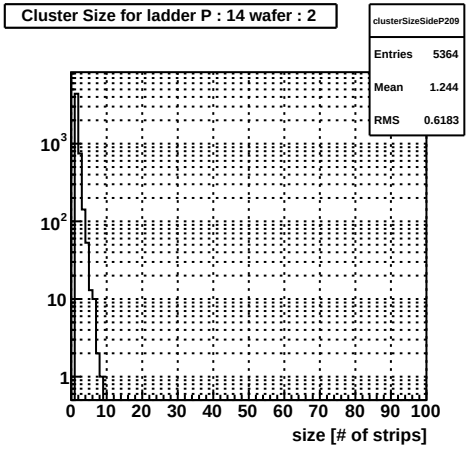

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3783
Mean 1.269
RMS 0.6479
size [# of strips]

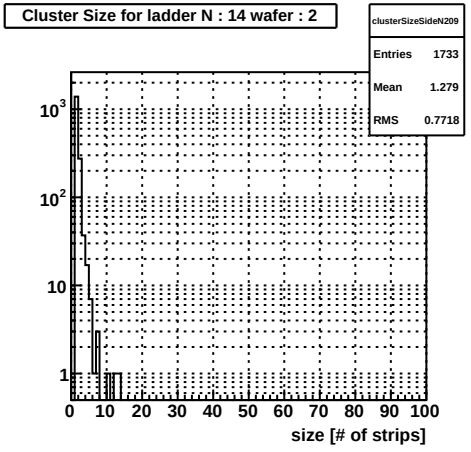

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7269
Mean 1.275
RMS 0.6611
size [# of strips]

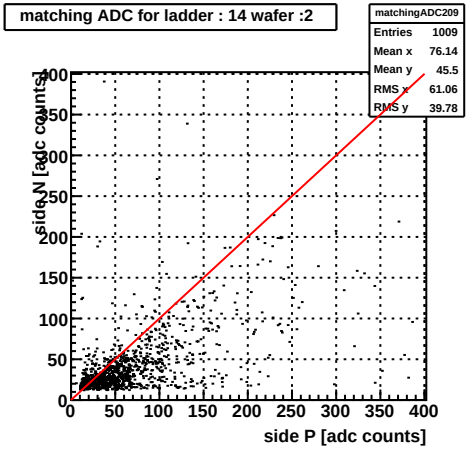

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1538
Mean x 71.9
Mean y 56.06
RMS x 62.84
RMS y 48.63
side N [adc counts]
side P [adc counts]

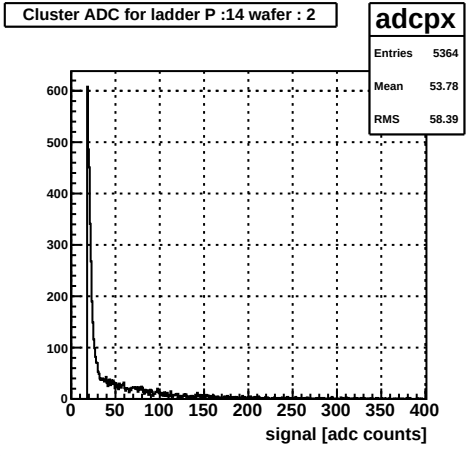

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3783
Mean 59.83
RMS 60.19
signal [adc counts]

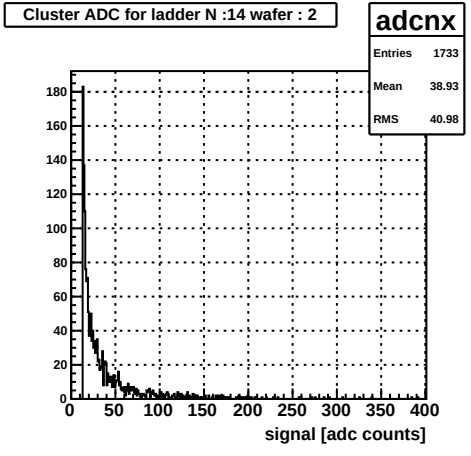

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7269
Mean 31.9
RMS 32.93
signal [adc counts]

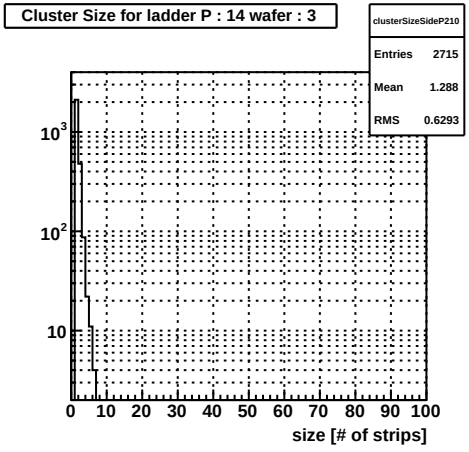

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5364
Mean 1.244
RMS 0.6183
size [# of strips]

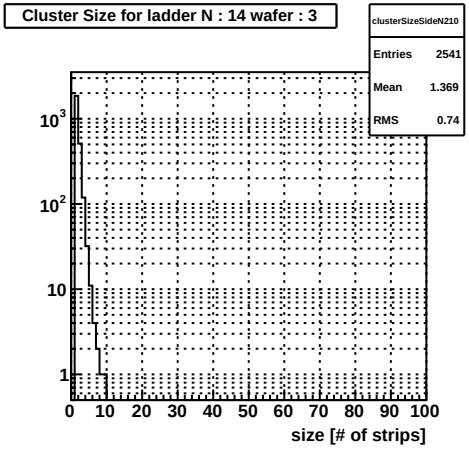

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1733
Mean 1.279
RMS 0.7718
size [# of strips]

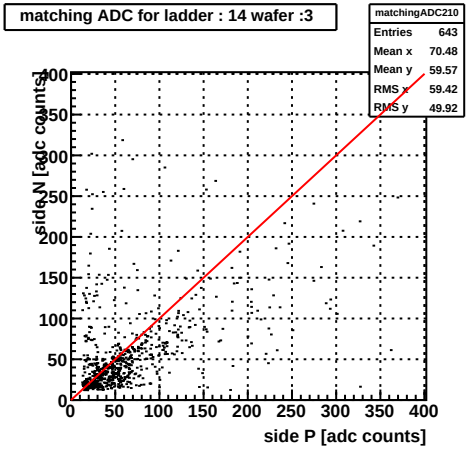

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1009
Mean x 76.14
Mean y 45.5
RMS x 61.06
RMS y 39.78
side N [adc counts]
side P [adc counts]

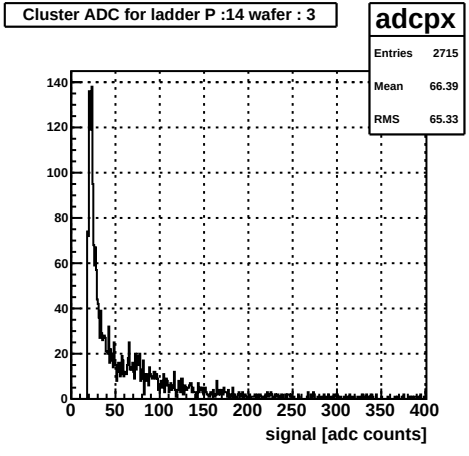

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5364
Mean 53.78
RMS 58.39
signal [adc counts]

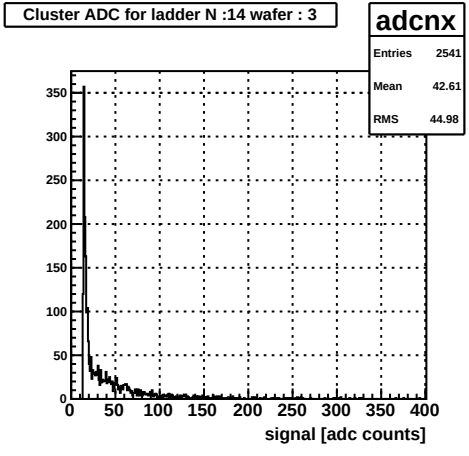

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1733
Mean 38.93
RMS 40.98
signal [adc counts]

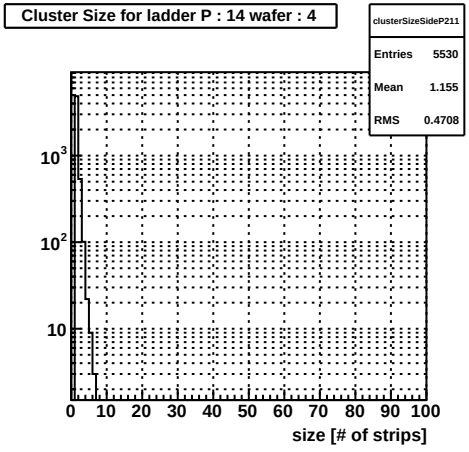

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2715
Mean 1.288
RMS 0.6293
size [# of strips]

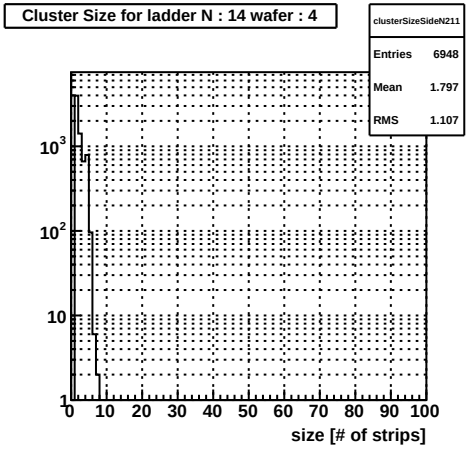

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2541
Mean 1.369
RMS 0.74
size [# of strips]

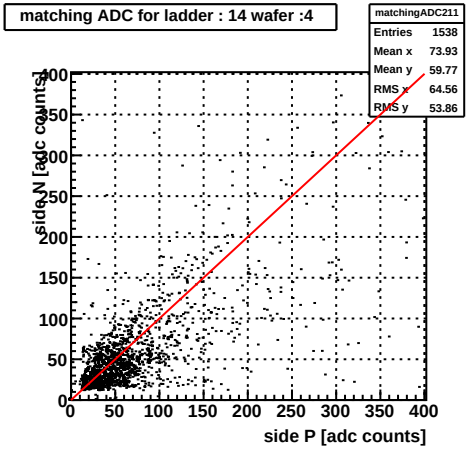

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 643
Mean x 70.48
Mean y 59.57
RMS x 59.42
RMS y 49.92
side N [adc counts]
side P [adc counts]

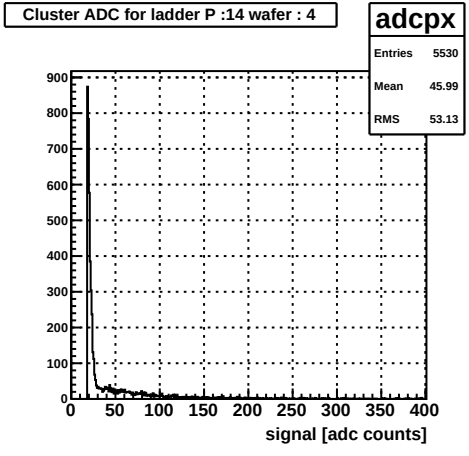

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2715
Mean 66.39
RMS 65.33
signal [adc counts]

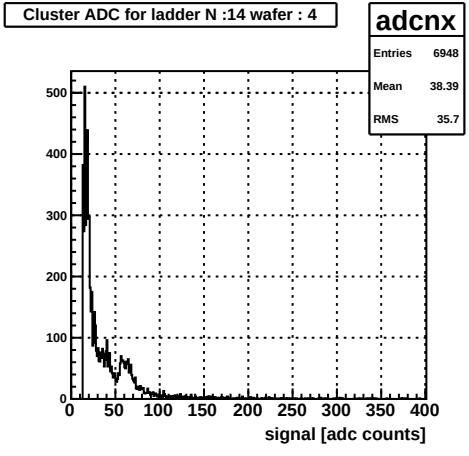

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2541
Mean 42.61
RMS 44.98
signal [adc counts]

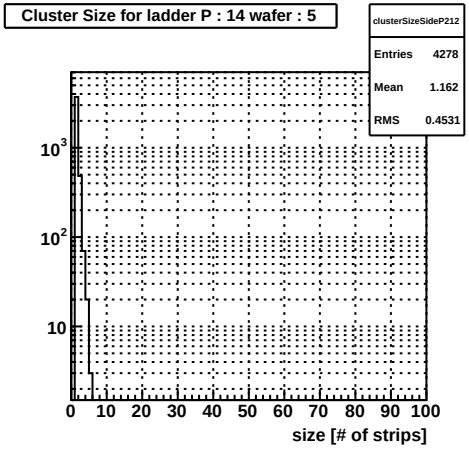

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5530
Mean 1.155
RMS 0.4708
size [# of strips]

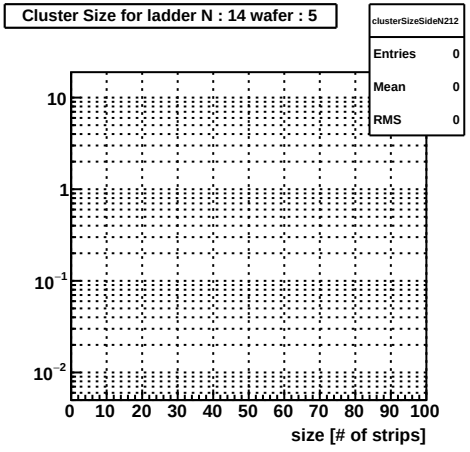

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6948
Mean 1.797
RMS 1.107
size [# of strips]

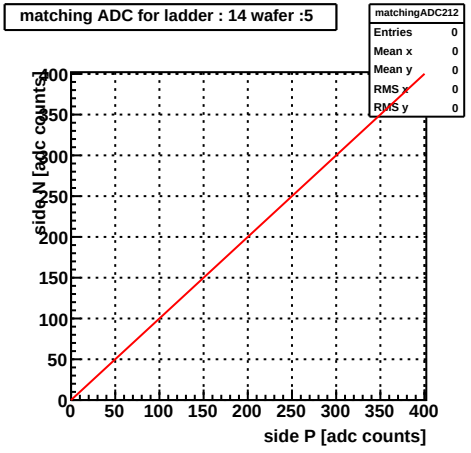

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1538
Mean x 73.93
Mean y 59.77
RMS x 64.56
RMS y 53.86
side N [adc counts]
side P [adc counts]

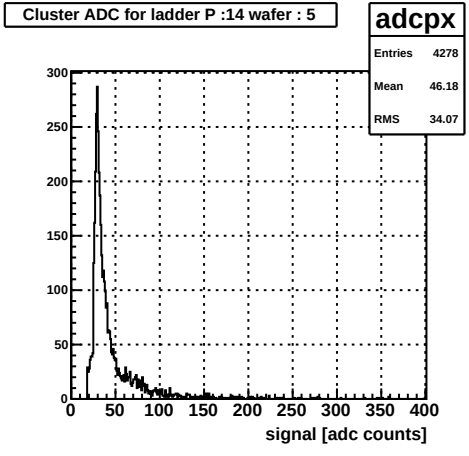

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5530
Mean 45.99
RMS 53.13
signal [adc counts]

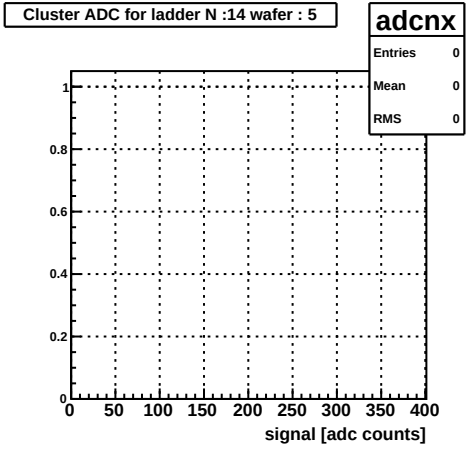

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6948
Mean 38.39
RMS 35.7
signal [adc counts]

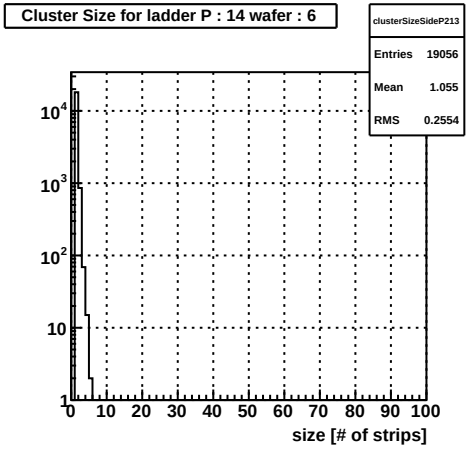

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4278
Mean 1.162
RMS 0.4531
size [# of strips]

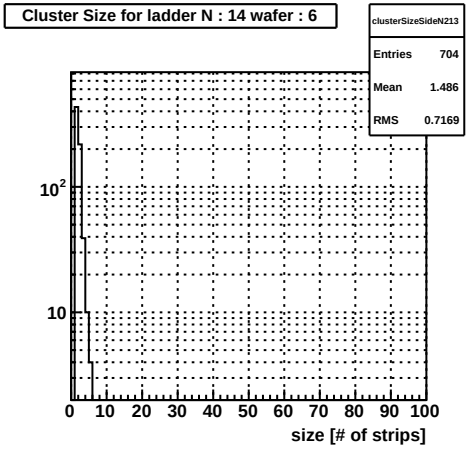

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

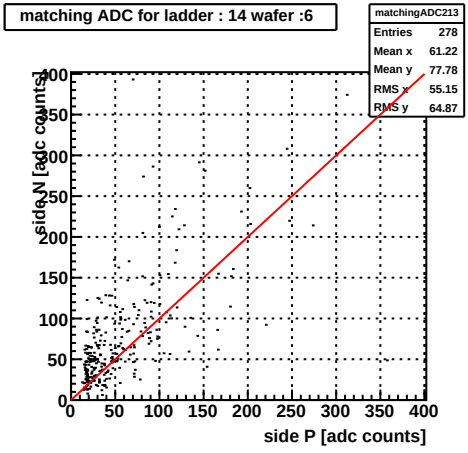

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

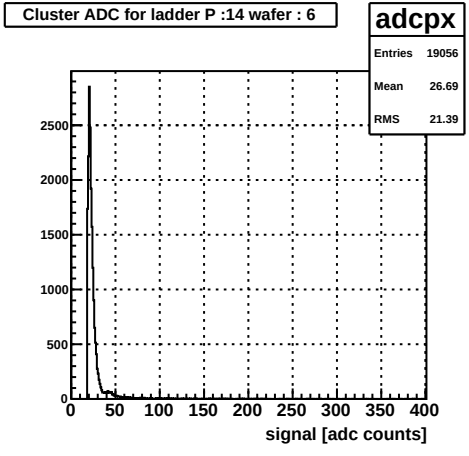

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4278
Mean 46.18
RMS 34.07
signal [adc counts]

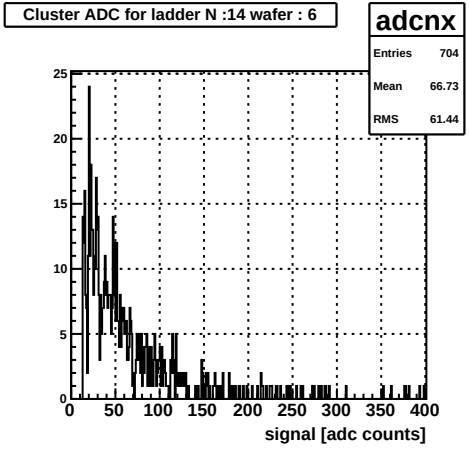

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

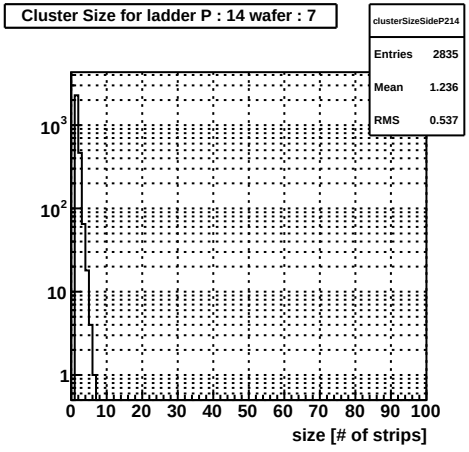

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19056
Mean 1.055
RMS 0.2554
size [# of strips]

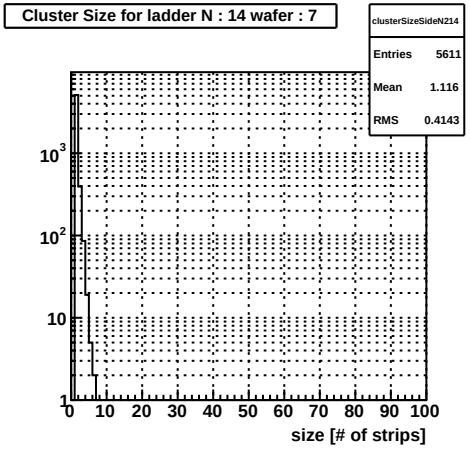

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 704
Mean 1.486
RMS 0.7169
size [# of strips]

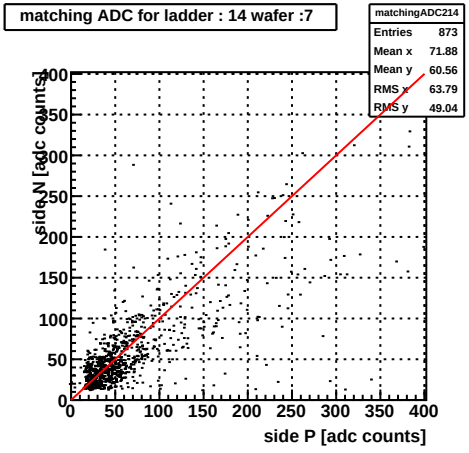

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 278
Mean x 61.22
Mean y 77.78
RMS x 55.15
RMS y 64.87
side N [adc counts]
side P [adc counts]

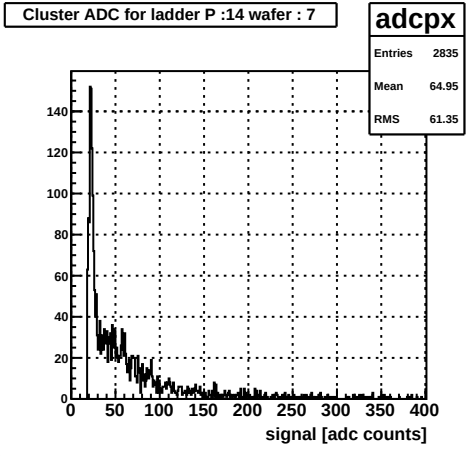

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19056
Mean 26.69
RMS 21.39
signal [adc counts]

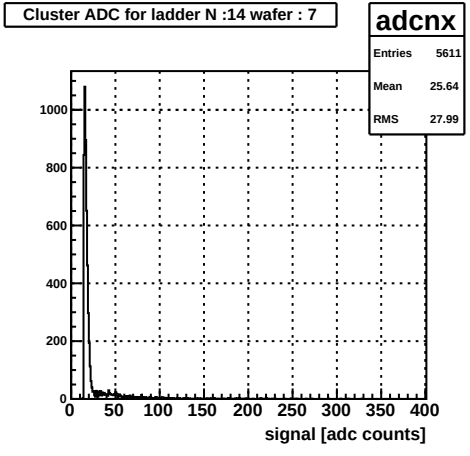

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 704
Mean 66.73
RMS 61.44
signal [adc counts]

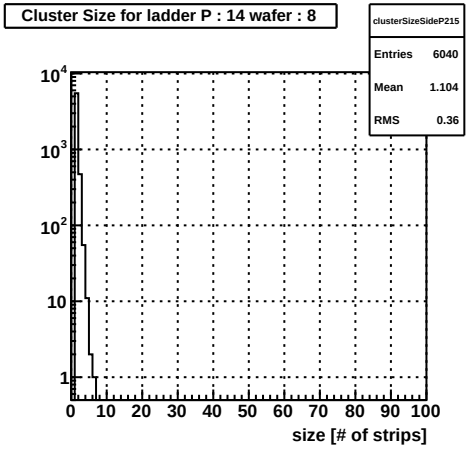

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2835
Mean 1.236
RMS 0.537
size [# of strips]

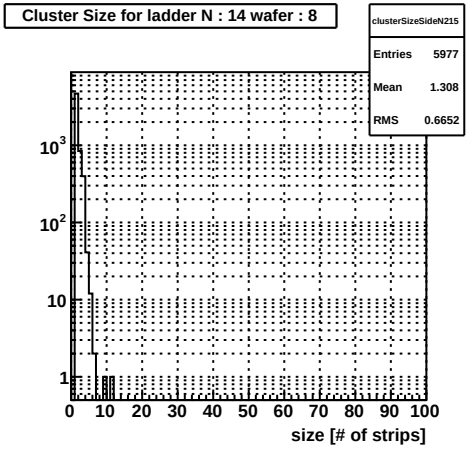

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5611
Mean 1.116
RMS 0.4143
size [# of strips]

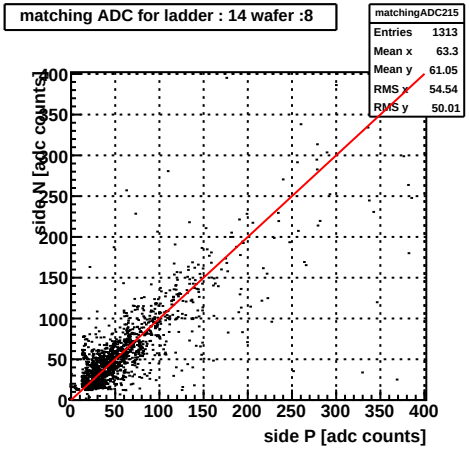

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 873
Mean x 71.88
Mean y 60.56
RMS x 63.79
RMS y 49.04
side N [adc counts]
side P [adc counts]

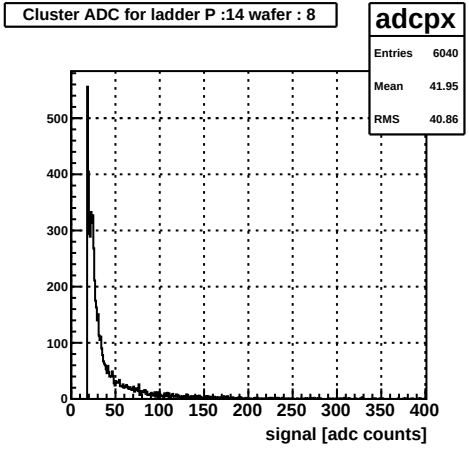

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2835
Mean 64.95
RMS 61.35
signal [adc counts]

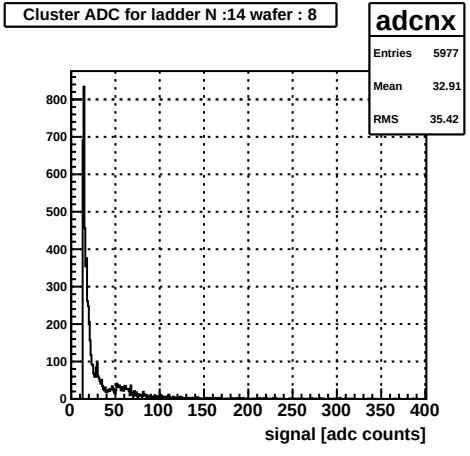

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5611
Mean 25.64
RMS 27.99
signal [adc counts]

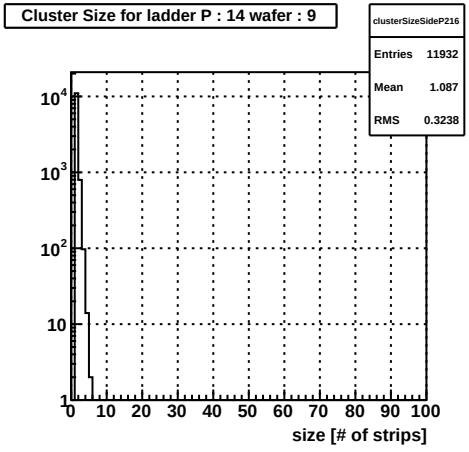

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6040
Mean 1.104
RMS 0.36
size [# of strips]

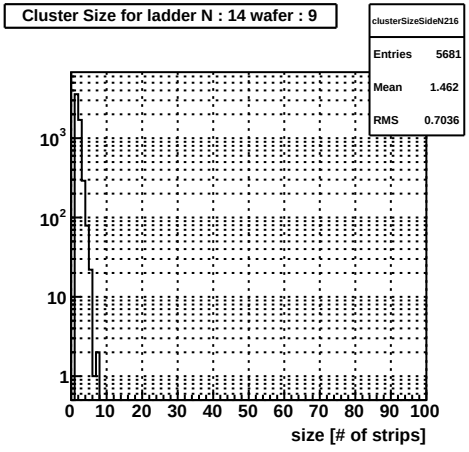

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5977
Mean 1.308
RMS 0.6652
size [# of strips]

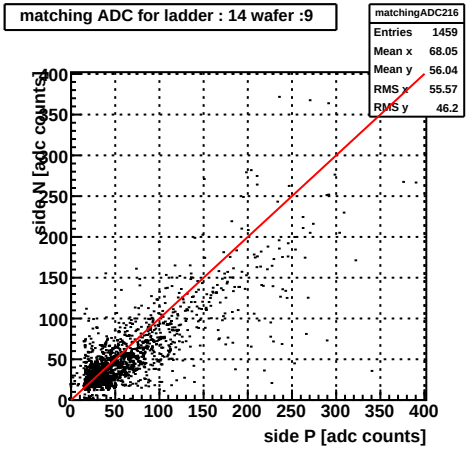

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1313
Mean x 63.3
Mean y 61.05
RMS x 54.54
RMS y 50.01
side N [adc counts]
side P [adc counts]

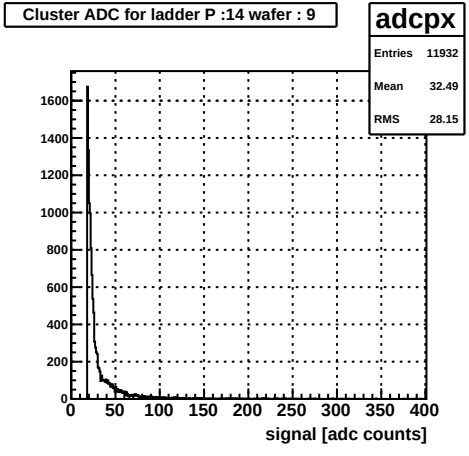

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6040
Mean 41.95
RMS 40.86
signal [adc counts]

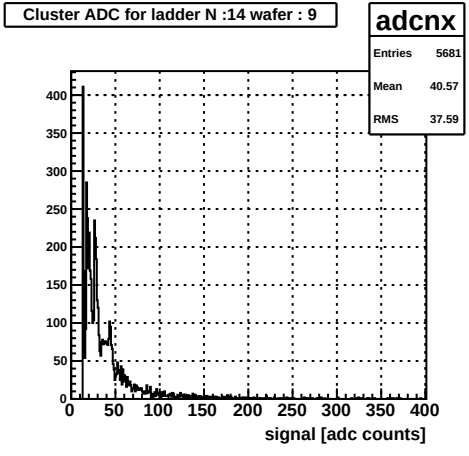

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5977
Mean 32.91
RMS 35.42
signal [adc counts]

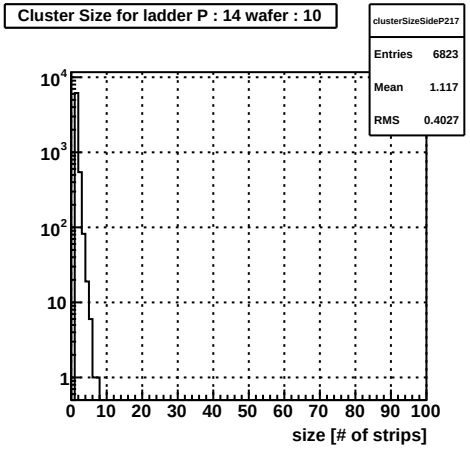

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11932
Mean 1.087
RMS 0.3238
size [# of strips]

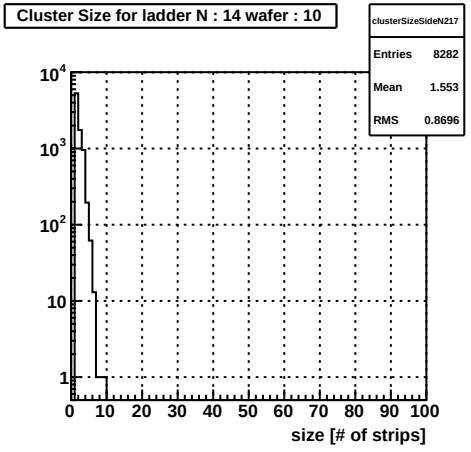

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5681
Mean 1.462
RMS 0.7036
size [# of strips]

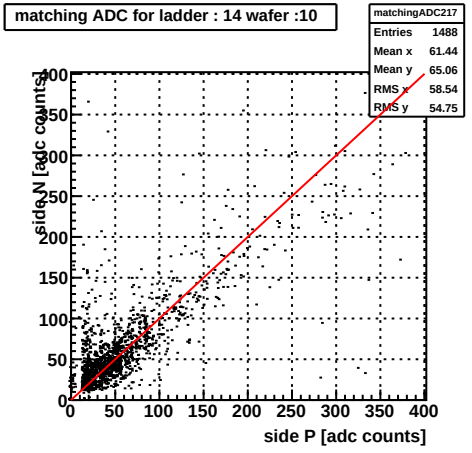

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1459
Mean x 68.05
Mean y 56.04
RMS x 55.57
RMS y 46.2
side N [adc counts]
side P [adc counts]

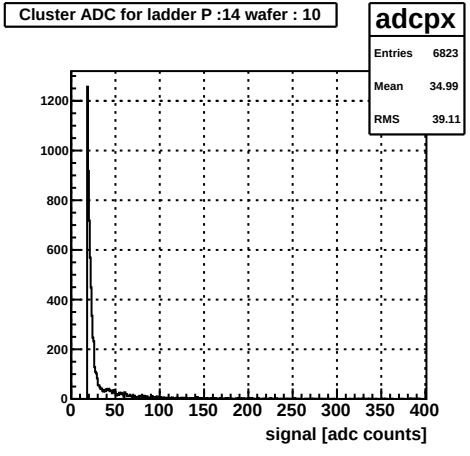

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11932
Mean 32.49
RMS 28.15
signal [adc counts]

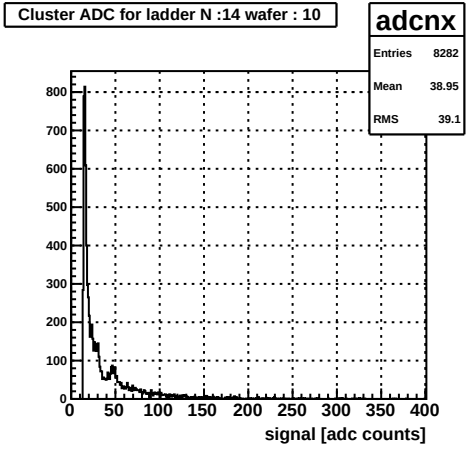

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5681
Mean 40.57
RMS 37.59
signal [adc counts]

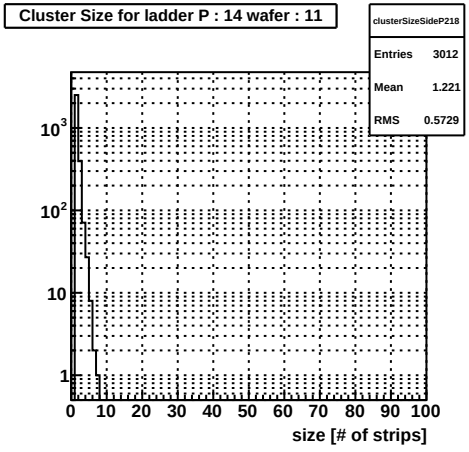

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6823
Mean 1.117
RMS 0.4027
size [# of strips]

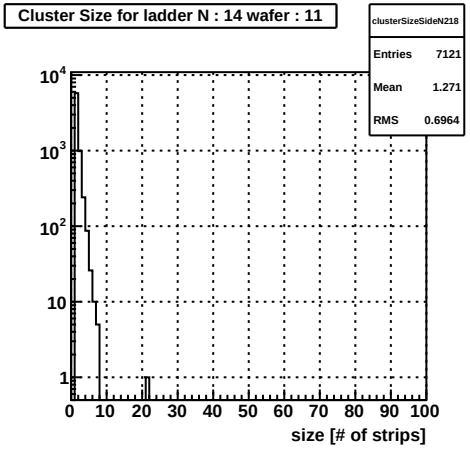

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8282
Mean 1.553
RMS 0.8696
size [# of strips]

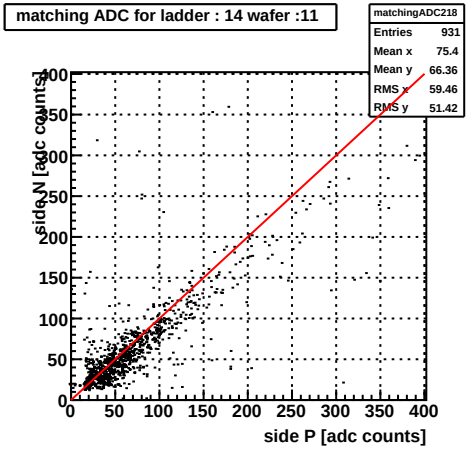

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1488
Mean x 61.44
Mean y 65.06
RMS x 58.54
RMS y 54.75
side N [adc counts]
side P [adc counts]

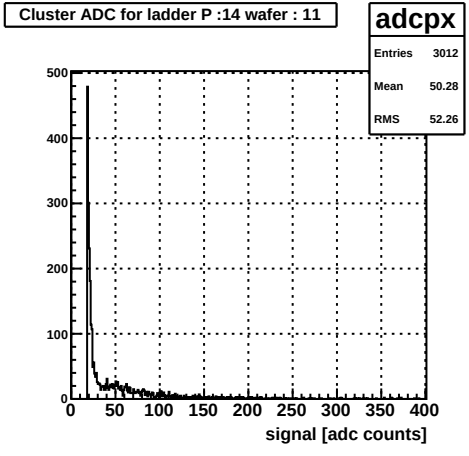

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6823
Mean 34.99
RMS 39.11
signal [adc counts]

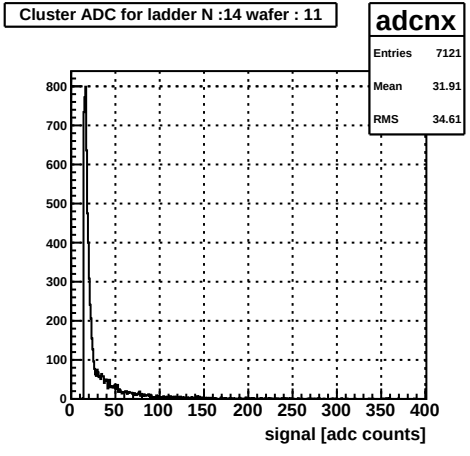

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8282
Mean 38.95
RMS 39.1
signal [adc counts]

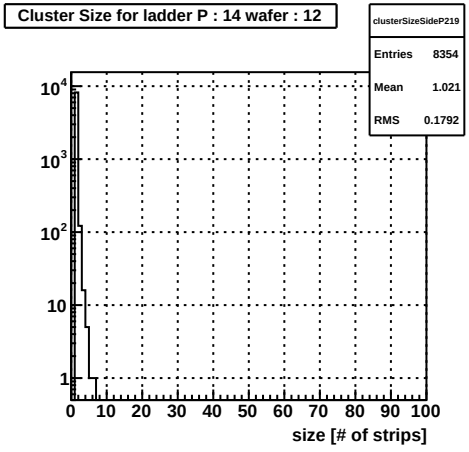

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3012
Mean 1.221
RMS 0.5729
size [# of strips]

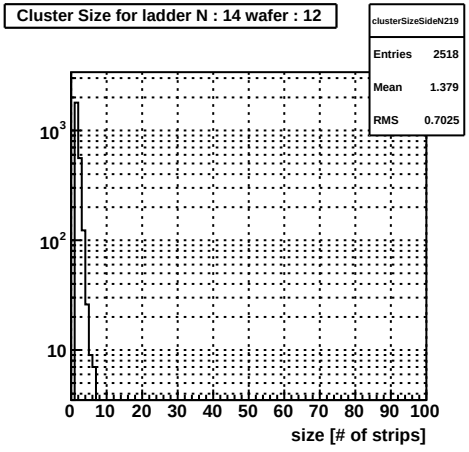

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7121
Mean 1.271
RMS 0.6964
size [# of strips]

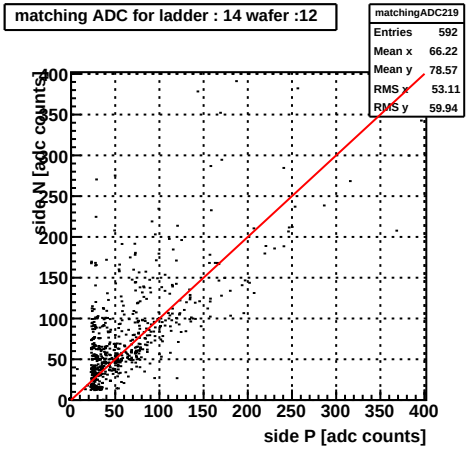

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 931
Mean x 75.4
Mean y 66.36
RMS x 59.46
RMS y 51.42
side N [adc counts]
side P [adc counts]

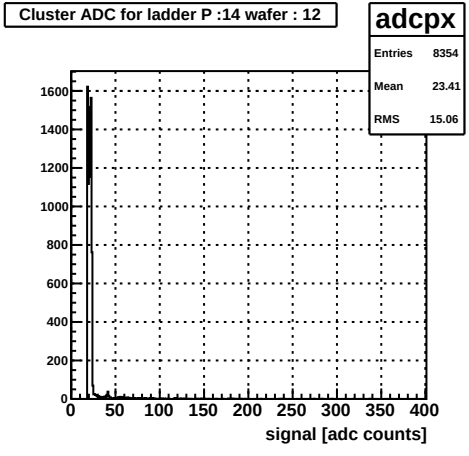

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3012
Mean 50.28
RMS 52.26
signal [adc counts]

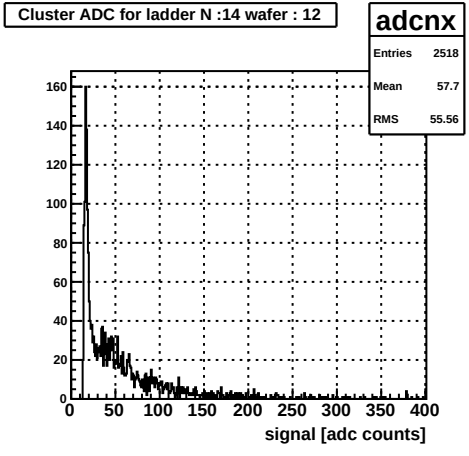

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7121
Mean 31.91
RMS 34.61
signal [adc counts]

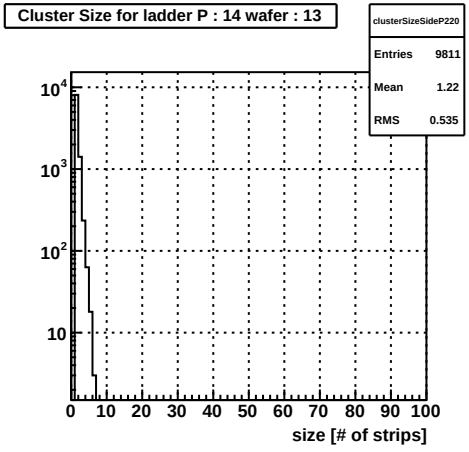

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 8354
Mean 1.021
RMS 0.1792
size [# of strips]

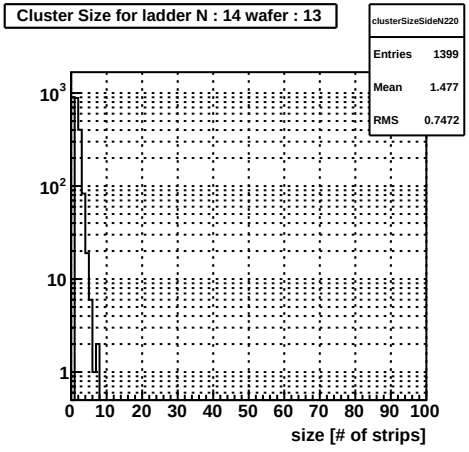

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2518
Mean 1.379
RMS 0.7025
size [# of strips]

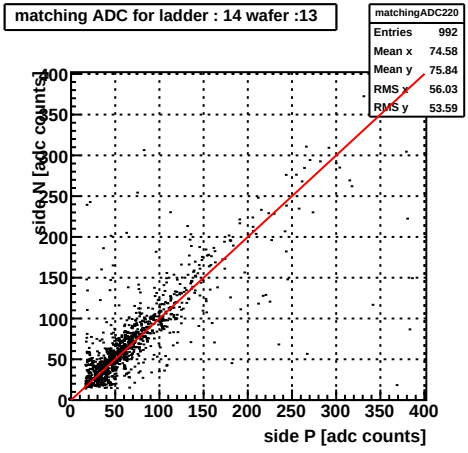

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 592
Mean x 66.22
Mean y 78.57
RMS x 53.11
RMS y 59.94
side N [adc counts]
side P [adc counts]

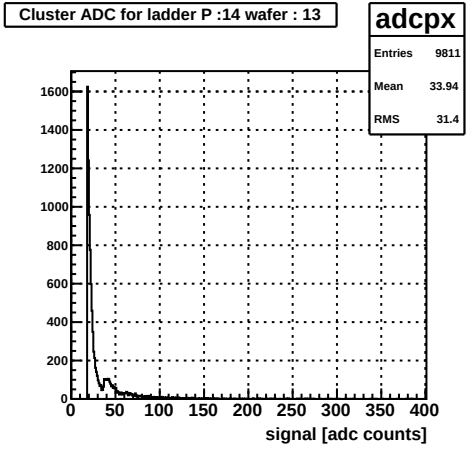

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 8354
Mean 23.41
RMS 15.06
signal [adc counts]

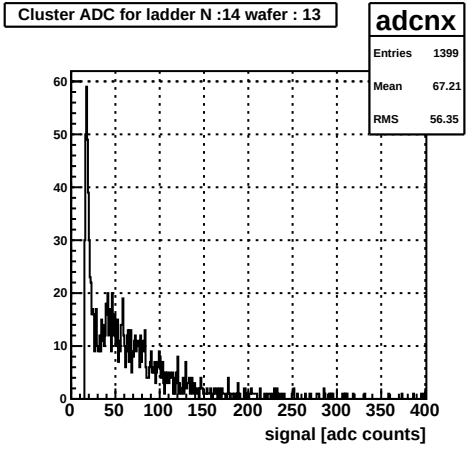

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2518
Mean 57.7
RMS 55.56
signal [adc counts]

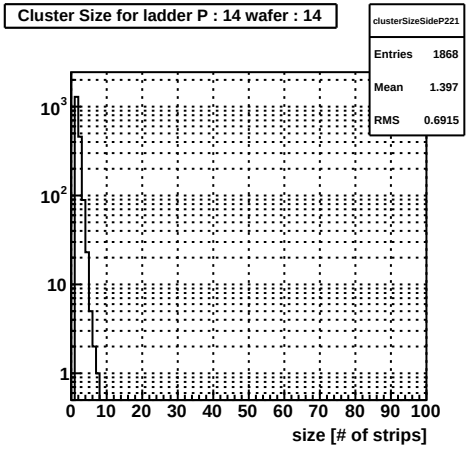

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9811
Mean 1.22
RMS 0.535
size [# of strips]

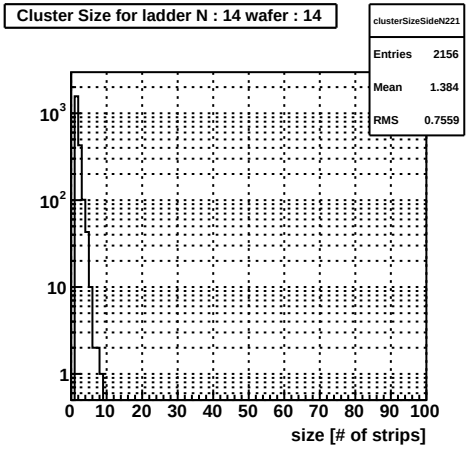

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1399
Mean 1.477
RMS 0.7472
size [# of strips]

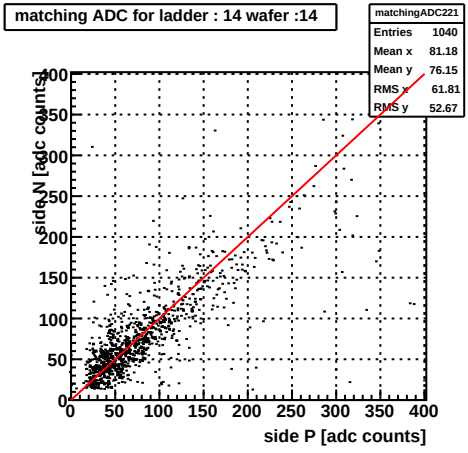

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 992
Mean x 74.58
Mean y 75.84
RMS x 56.03
RMS y 53.59
side N [adc counts]
side P [adc counts]

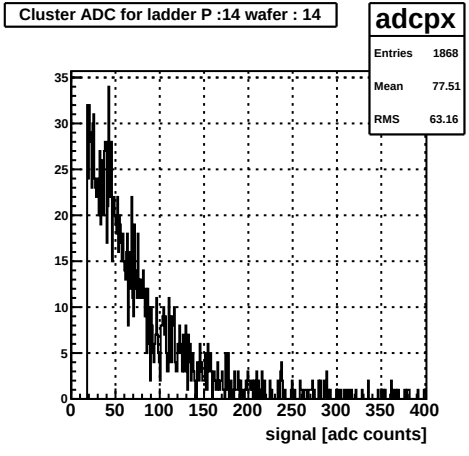

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9811
Mean 33.94
RMS 31.4
signal [adc counts]

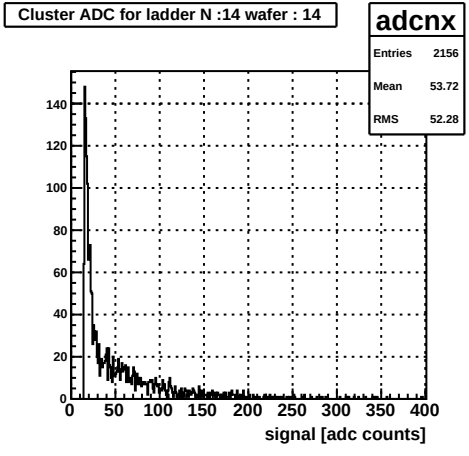

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1399
Mean 67.21
RMS 56.35
signal [adc counts]

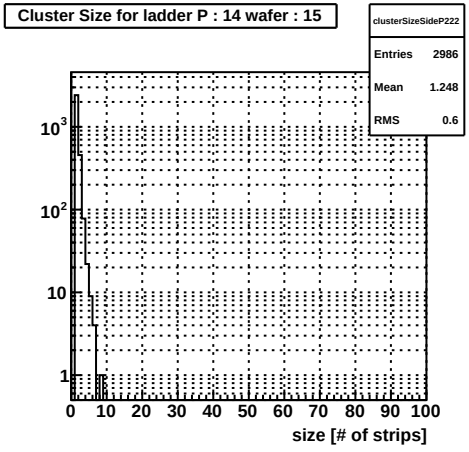

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1868
Mean 1.397
RMS 0.6915
size [# of strips]

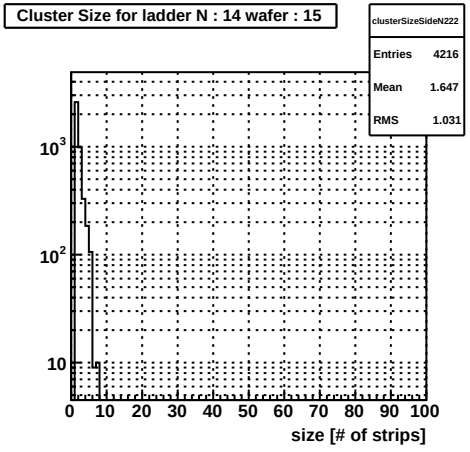

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2156
Mean 1.384
RMS 0.7559
size [# of strips]

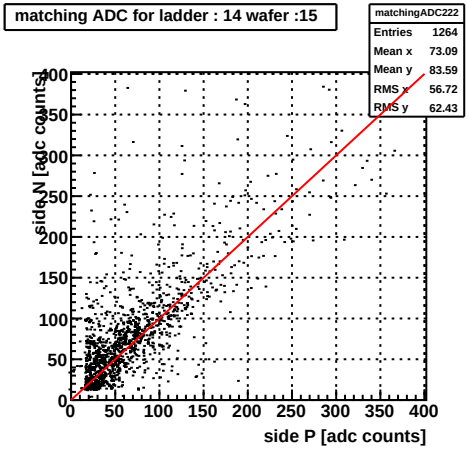

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1040
Mean x 81.18
Mean y 76.15
RMS x 61.81
RMS y 52.67
side N [adc counts]
side P [adc counts]

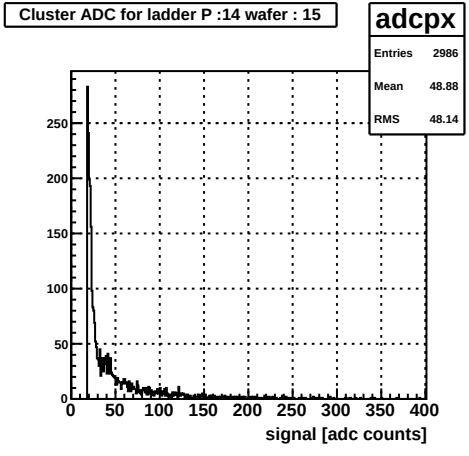

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1868
Mean 77.51
RMS 63.16
signal [adc counts]

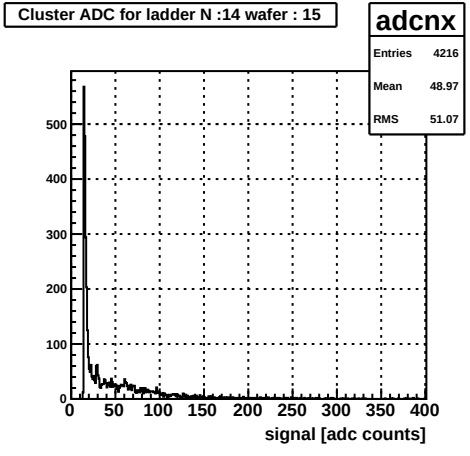

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2156
Mean 53.72
RMS 52.28
signal [adc counts]

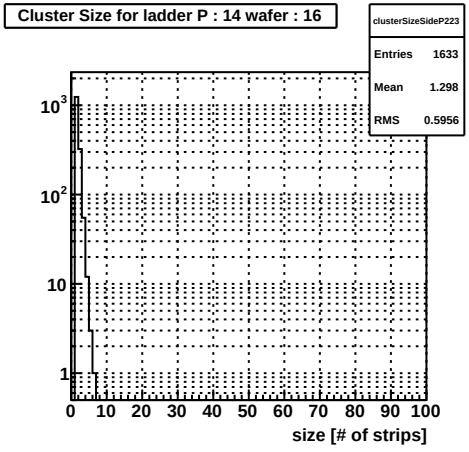

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2986
Mean 1.248
RMS 0.6
size [# of strips]

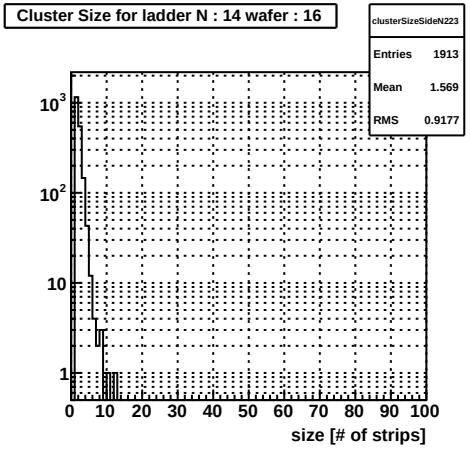

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4216
Mean 1.647
RMS 1.031
size [# of strips]

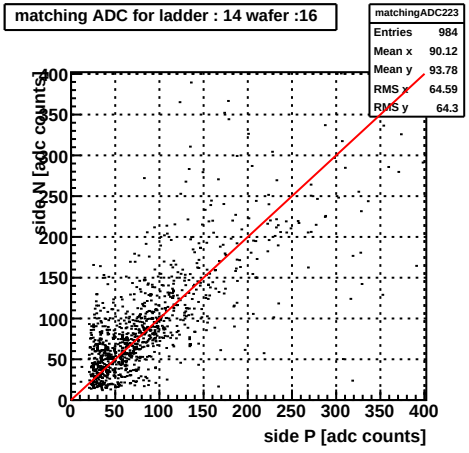

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1264
Mean x 73.09
Mean y 83.59
RMS x 56.72
RMS y 62.43
side N [adc counts]
side P [adc counts]

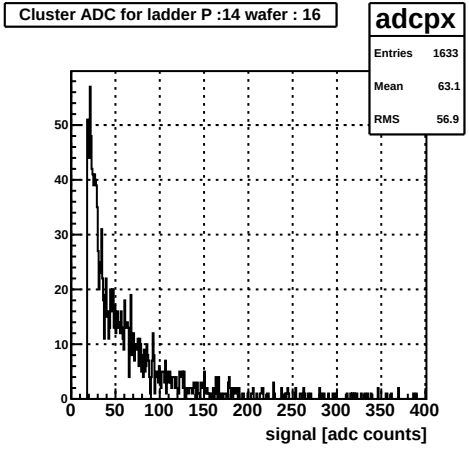

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2986
Mean 48.88
RMS 48.14
signal [adc counts]

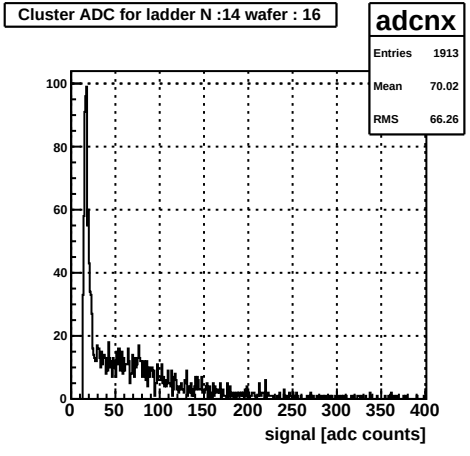

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4216
Mean 48.97
RMS 51.07
signal [adc counts]

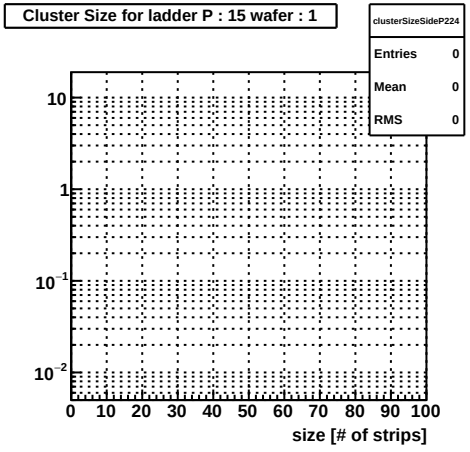

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1633
Mean 1.298
RMS 0.5956
size [# of strips]

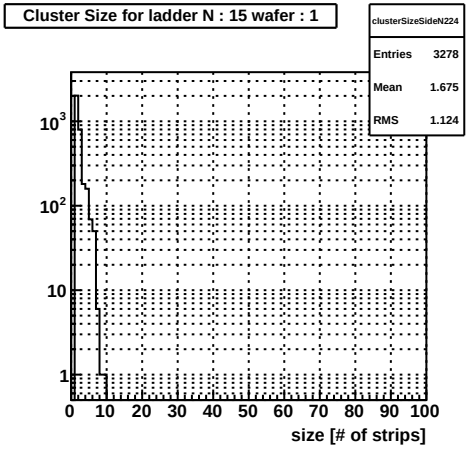

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1913
Mean 1.569
RMS 0.9177
size [# of strips]

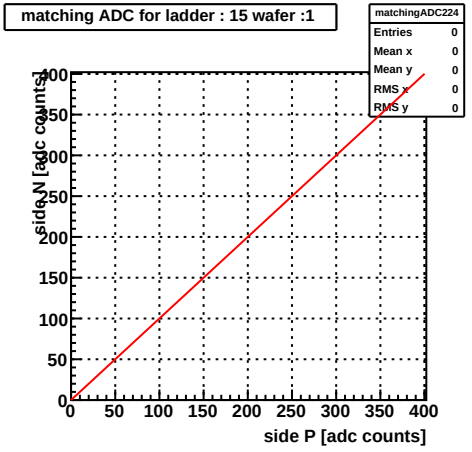

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 984
Mean x 90.12
Mean y 93.78
RMS x 64.59
RMS y 64.3
side N [adc counts]
side P [adc counts]

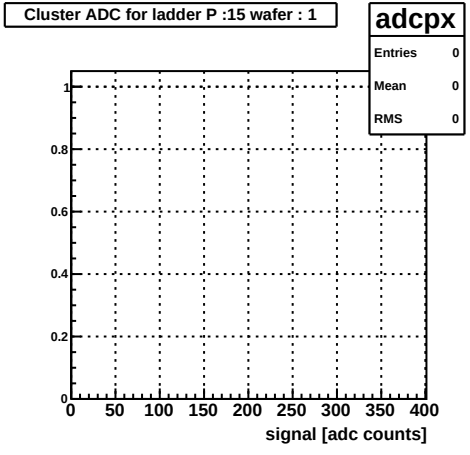

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1633
Mean 63.1
RMS 56.9
signal [adc counts]

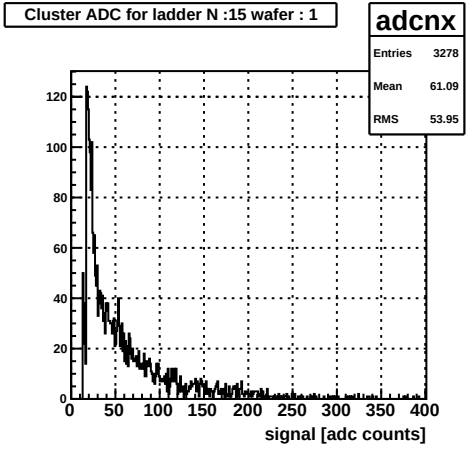

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1913
Mean 70.02
RMS 66.26
signal [adc counts]

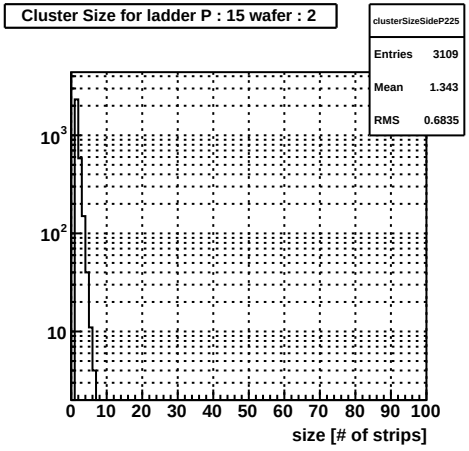

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

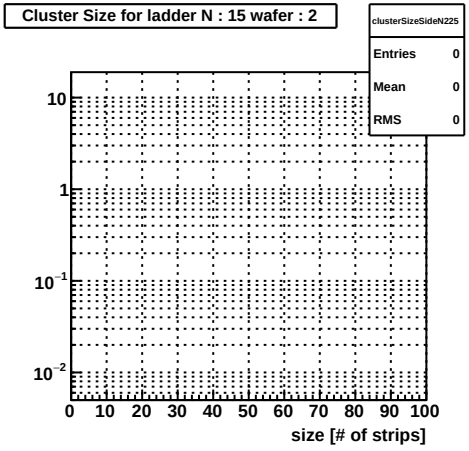

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3278
Mean 1.675
RMS 1.124
size [# of strips]

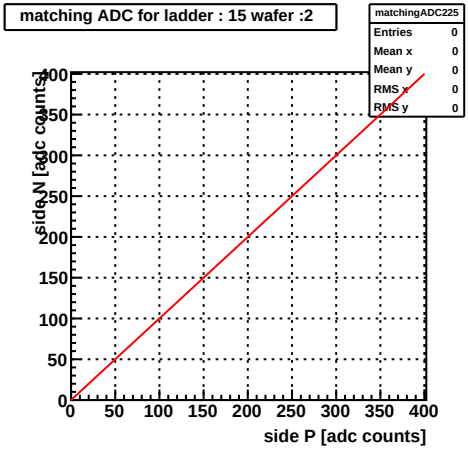

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

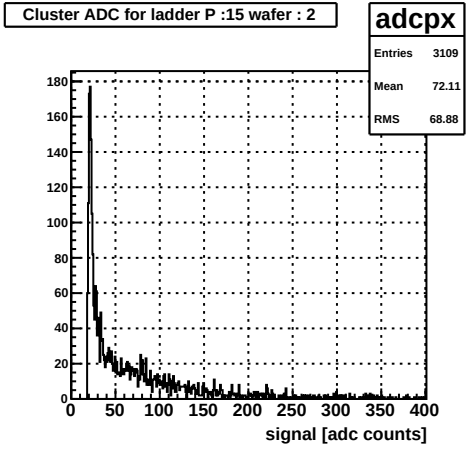

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

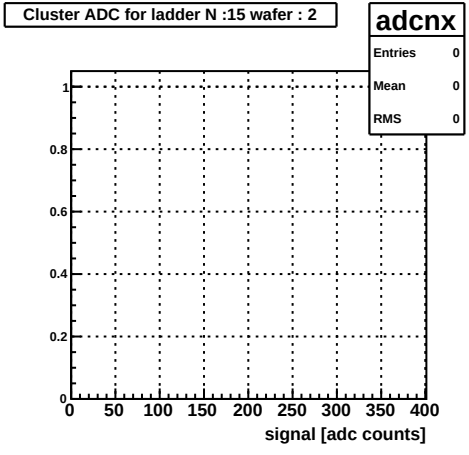

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3278
Mean 61.09
RMS 53.95
signal [adc counts]

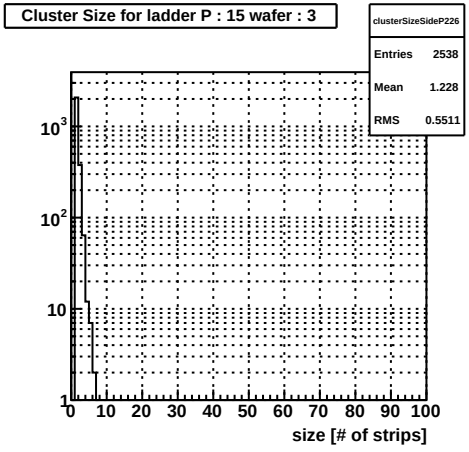

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3109
Mean 1.343
RMS 0.6835
size [# of strips]

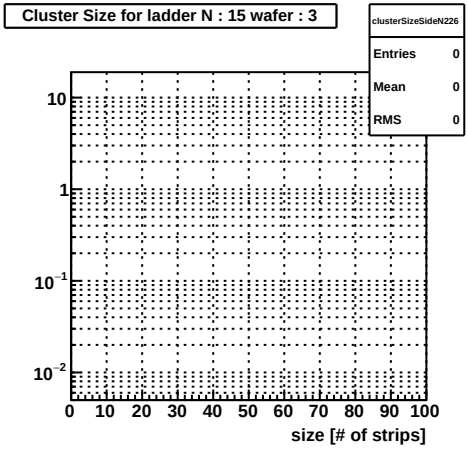

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

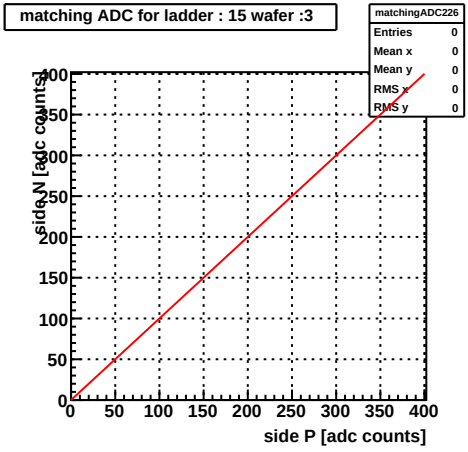

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

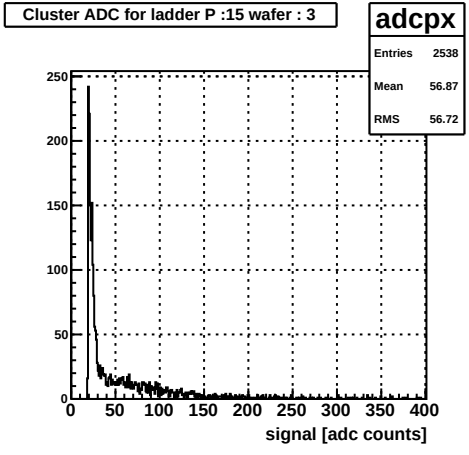

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3109
Mean 72.11
RMS 68.88
signal [adc counts]

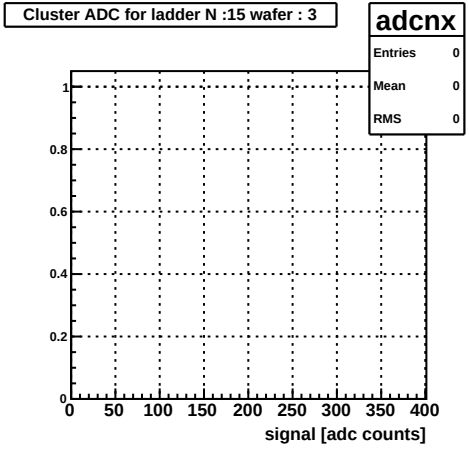

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

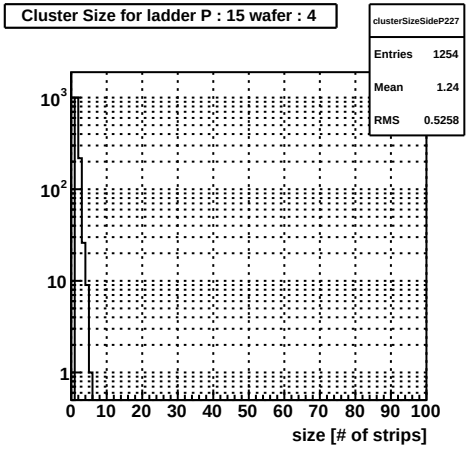

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2538
Mean 1.228
RMS 0.5511
size [# of strips]

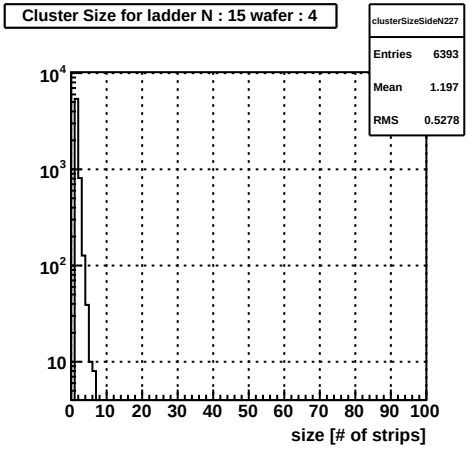

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

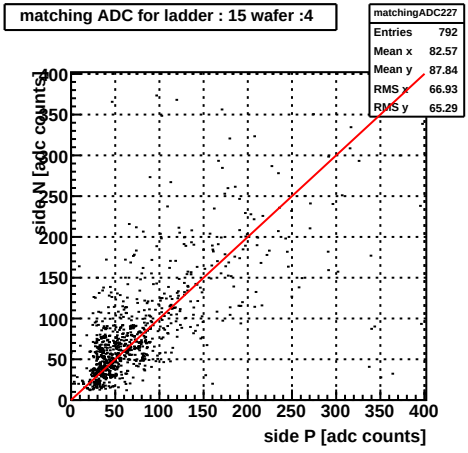

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

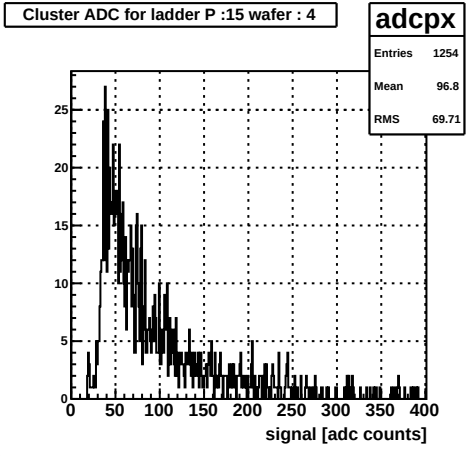

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2538
Mean 56.87
RMS 56.72
signal [adc counts]

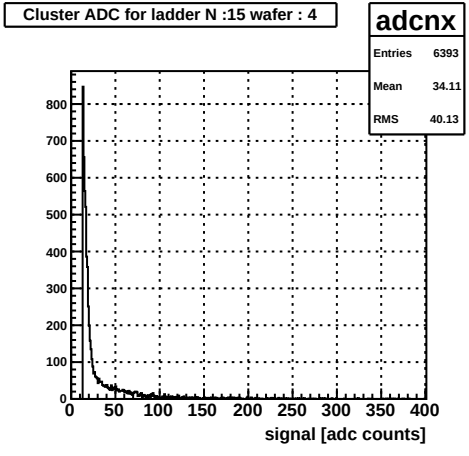

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

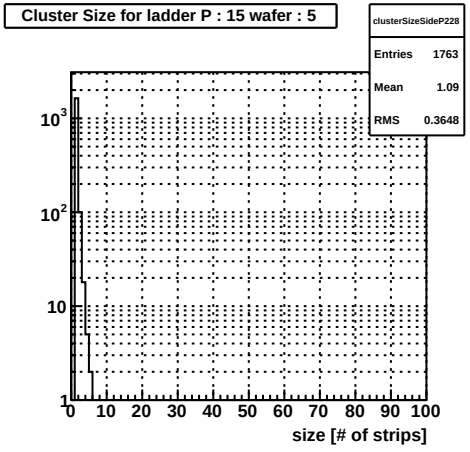

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1254
Mean 1.24
RMS 0.5258
size [# of strips]

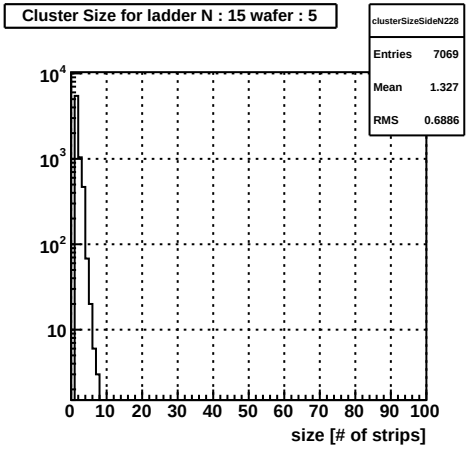

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6393
Mean 1.197
RMS 0.5278
size [# of strips]

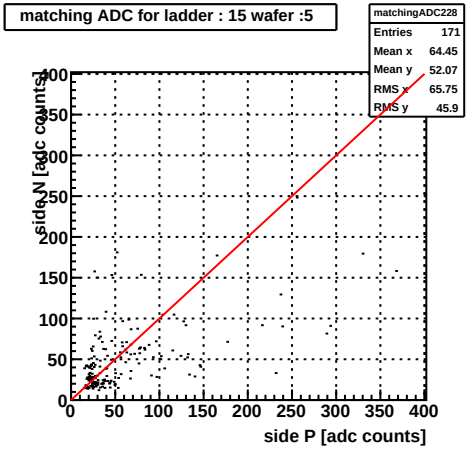

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 792
Mean x 82.57
Mean y 87.84
RMS x 66.93
RMS y 65.29
side N [adc counts]
side P [adc counts]

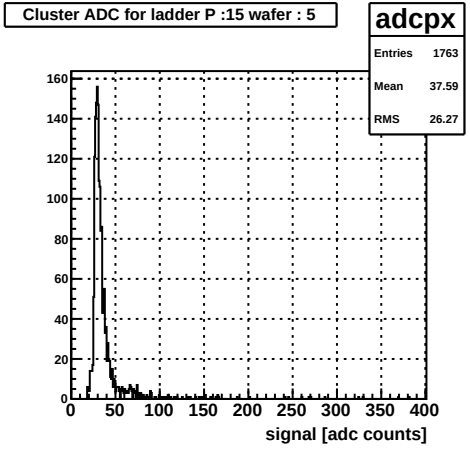

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1254
Mean 96.8
RMS 69.71
signal [adc counts]

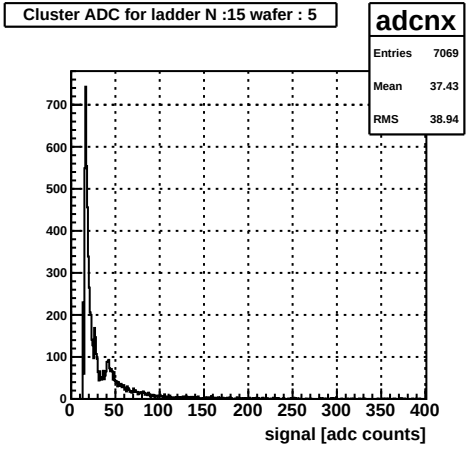

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6393
Mean 34.11
RMS 40.13
signal [adc counts]

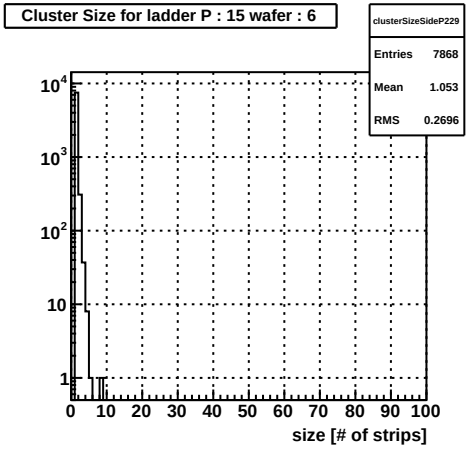

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1763
Mean 1.09
RMS 0.3648
size [# of strips]

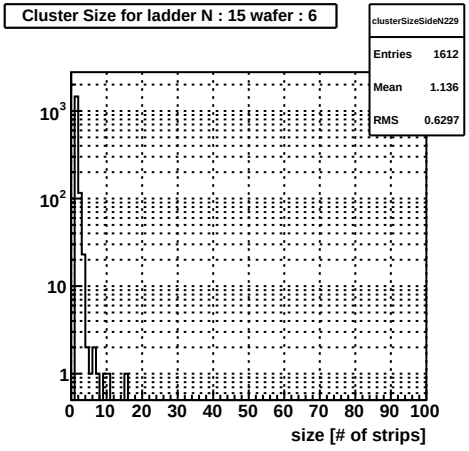

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 7069
Mean 1.327
RMS 0.6886
size [# of strips]

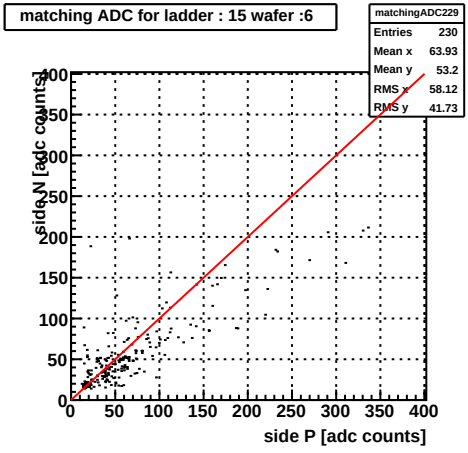

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 171
Mean x 64.45
Mean y 52.07
RMS x 65.75
RMS y 45.9
side N [adc counts]
side P [adc counts]

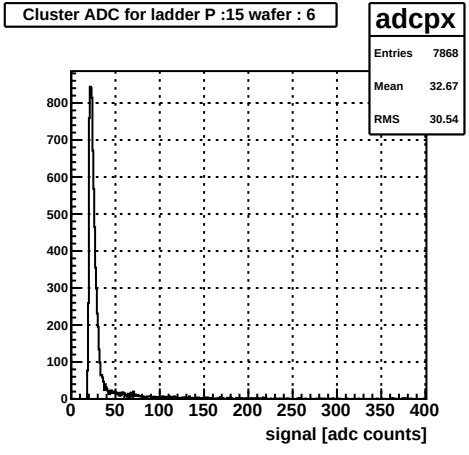

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1763
Mean 37.59
RMS 26.27
signal [adc counts]

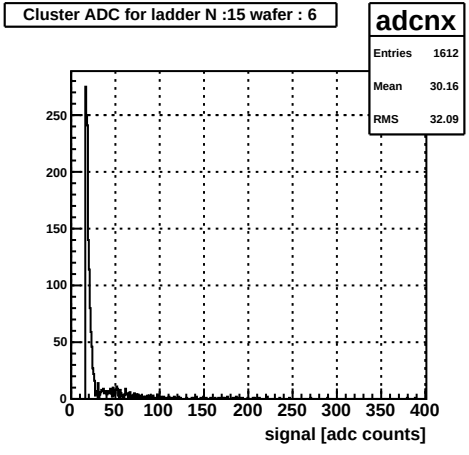

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 7069
Mean 37.43
RMS 38.94
signal [adc counts]

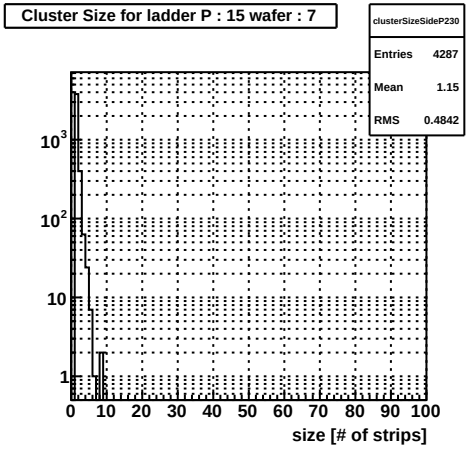

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7868
Mean 1.053
RMS 0.2696
size [# of strips]

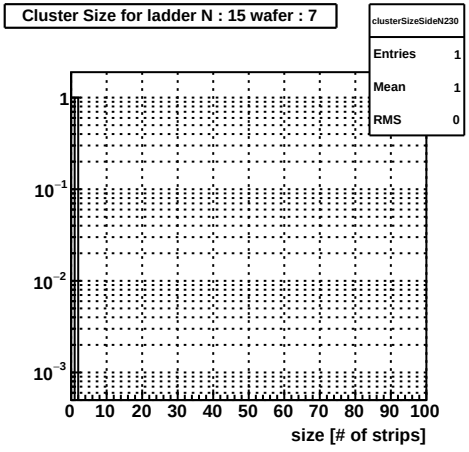

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1612
Mean 1.136
RMS 0.6297
size [# of strips]

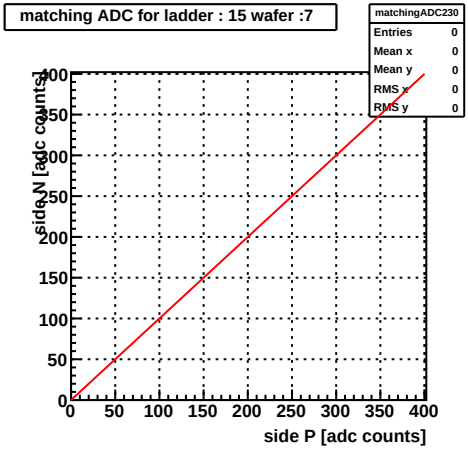

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 230
Mean x 63.93
Mean y 53.2
RMS x 58.12
RMS y 41.73
side N [adc counts]
side P [adc counts]

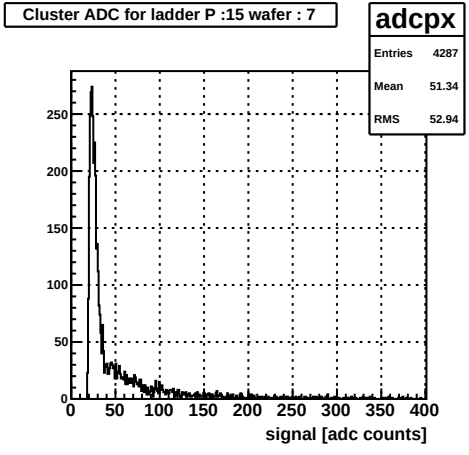

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7868
Mean 32.67
RMS 30.54
signal [adc counts]

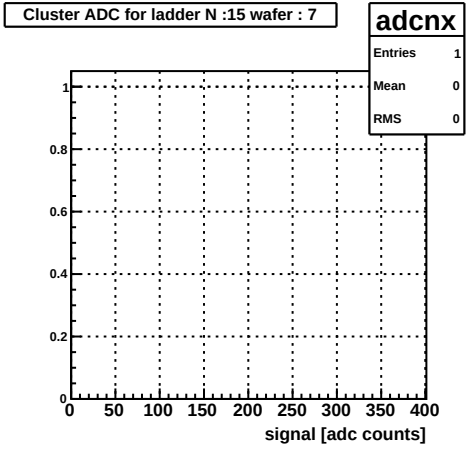

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1612
Mean 30.16
RMS 32.09
signal [adc counts]

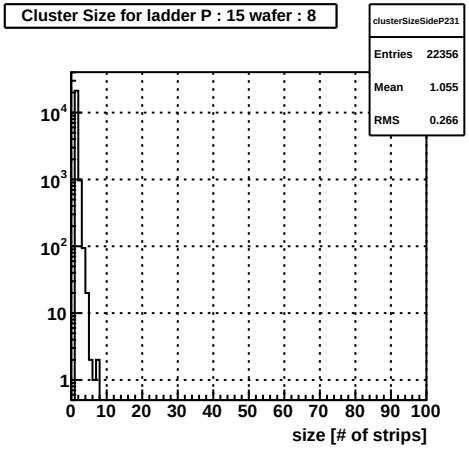

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4287
Mean 1.15
RMS 0.4842
size [# of strips]

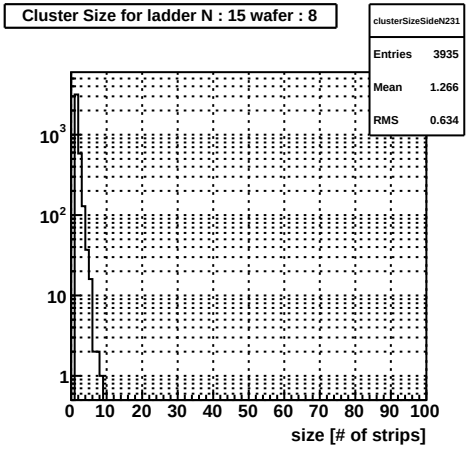

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

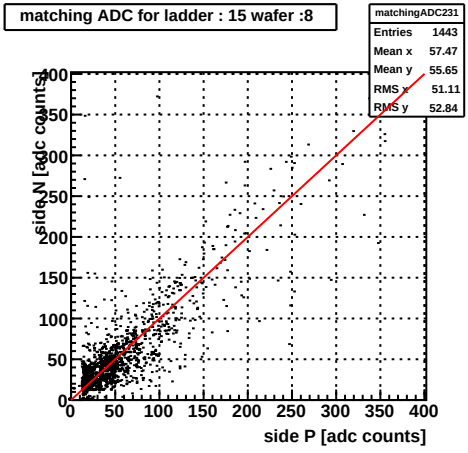

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

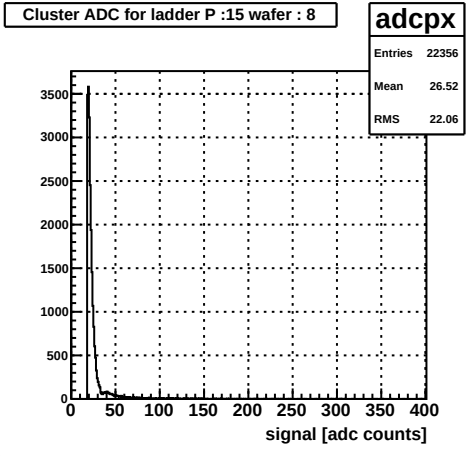

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4287
Mean 51.34
RMS 52.94
signal [adc counts]

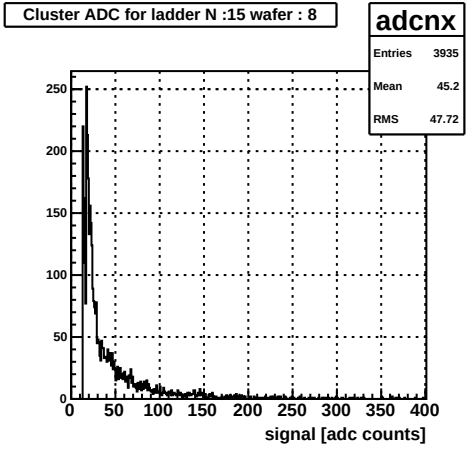

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

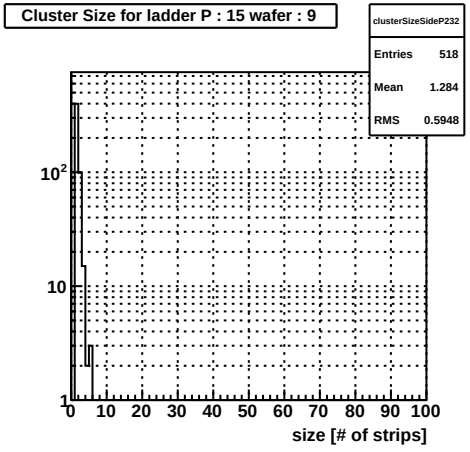

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22356
Mean 1.055
RMS 0.266
size [# of strips]

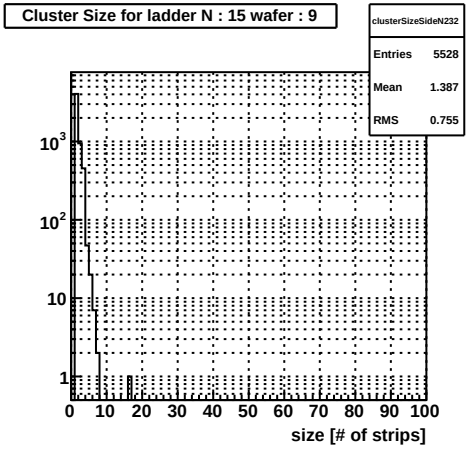

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3935
Mean 1.266
RMS 0.634
size [# of strips]

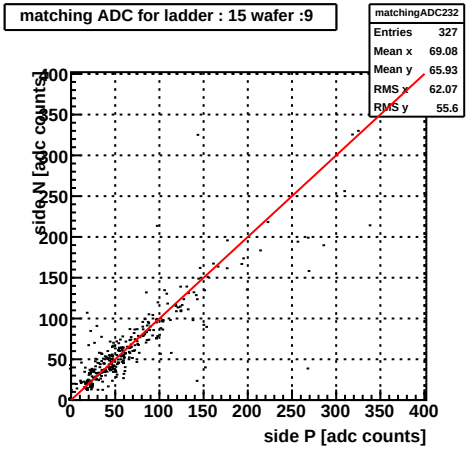

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1443
Mean x 57.47
Mean y 55.65
RMS x 51.11
RMS y 52.84
side N [adc counts]
side P [adc counts]

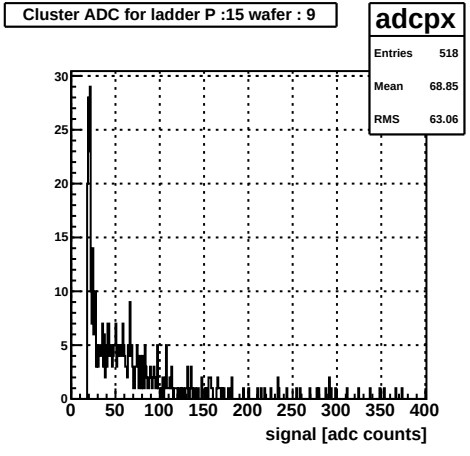

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22356
Mean 26.52
RMS 22.06
signal [adc counts]

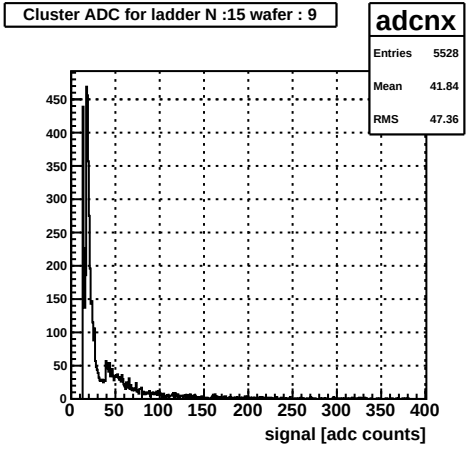

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3935
Mean 45.2
RMS 47.72
signal [adc counts]

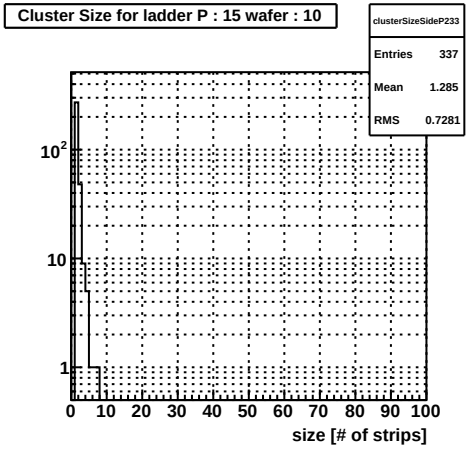

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 518
Mean 1.284
RMS 0.5948
size [# of strips]

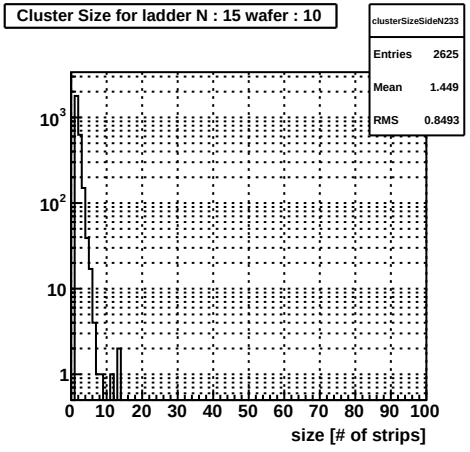

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5528
Mean 1.387
RMS 0.755
size [# of strips]

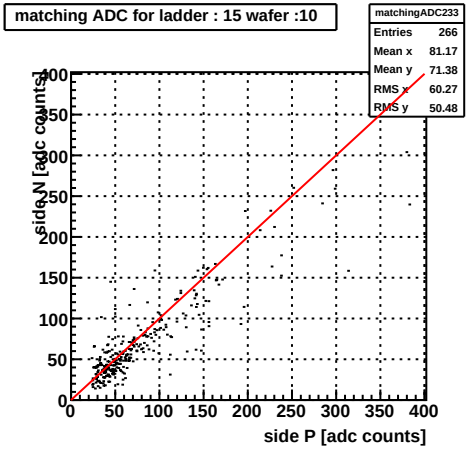

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 327
Mean x 69.08
Mean y 65.93
RMS x 62.07
RMS y 55.6
side N [adc counts]
side P [adc counts]

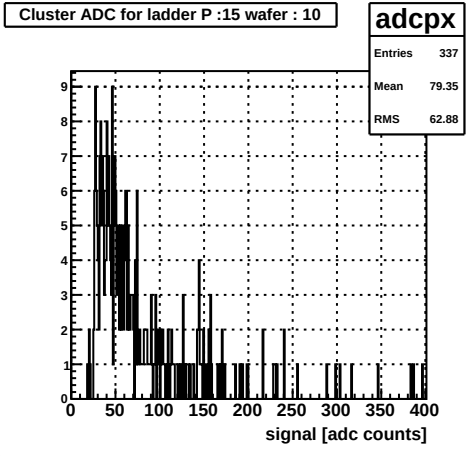

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 518
Mean 68.85
RMS 63.06
signal [adc counts]

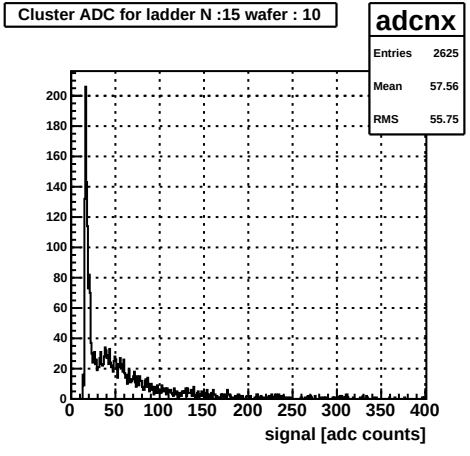

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5528
Mean 41.84
RMS 47.36
signal [adc counts]

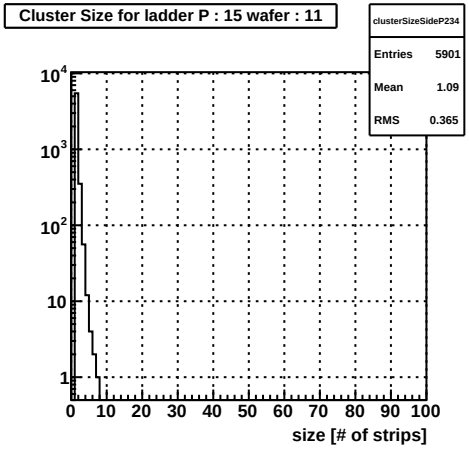

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 337
Mean 1.285
RMS 0.7281
size [# of strips]

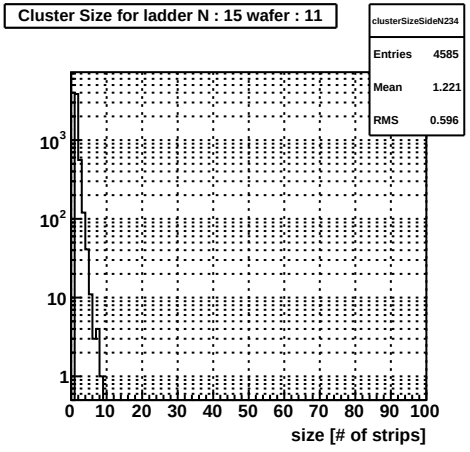

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2625
Mean 1.449
RMS 0.8493
size [# of strips]

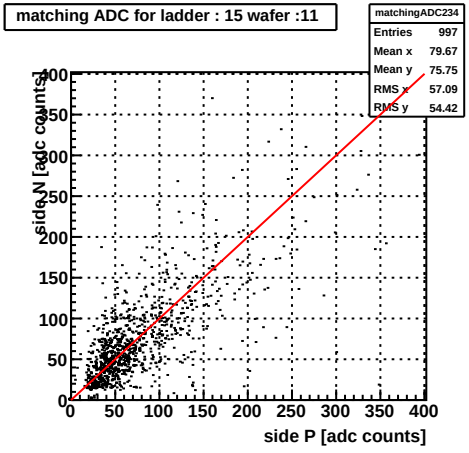

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 266
Mean x 81.17
Mean y 71.38
RMS x 60.27
RMS y 50.48
side N [adc counts]
side P [adc counts]

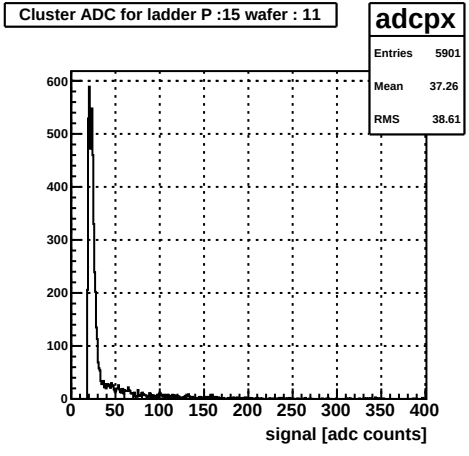

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 337
Mean 79.35
RMS 62.88
signal [adc counts]

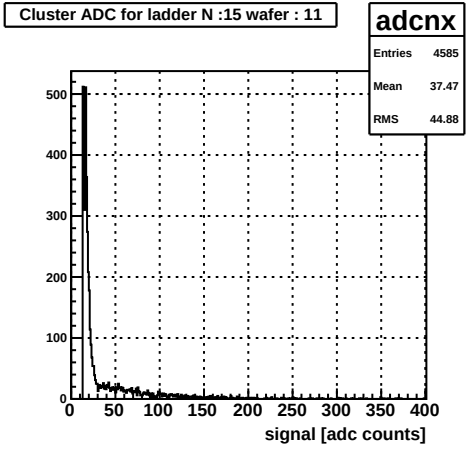

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2625
Mean 57.56
RMS 55.75
signal [adc counts]

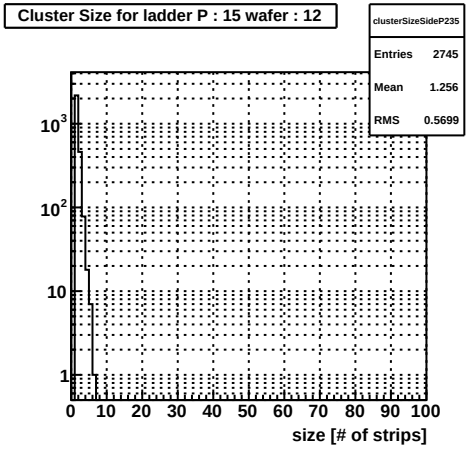

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 5901
Mean 1.09
RMS 0.365
size [# of strips]

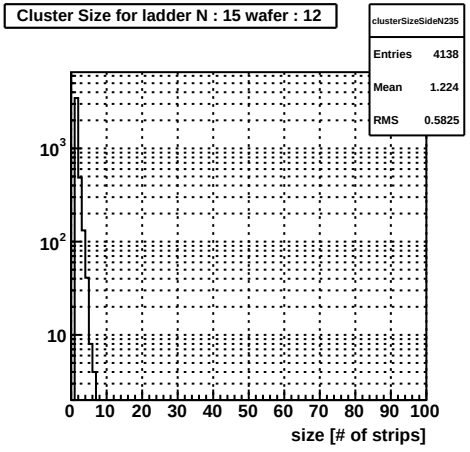

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4585
Mean 1.221
RMS 0.596
size [# of strips]

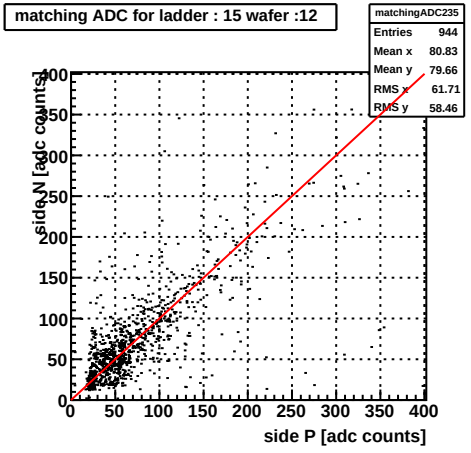

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 997
Mean x 79.67
Mean y 75.75
RMS x 57.09
RMS y 54.42
side N [adc counts]
side P [adc counts]

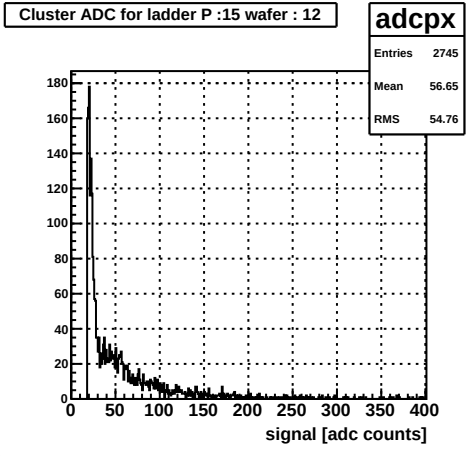

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 5901
Mean 37.26
RMS 38.61
signal [adc counts]

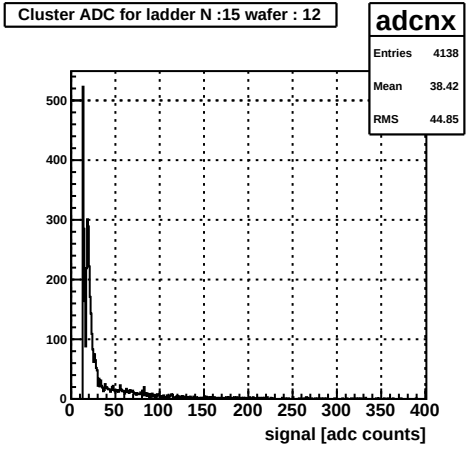

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4585
Mean 37.47
RMS 44.88
signal [adc counts]

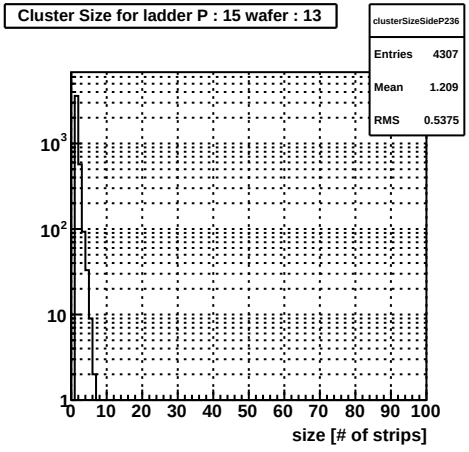

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2745
Mean 1.256
RMS 0.5699
size [# of strips]

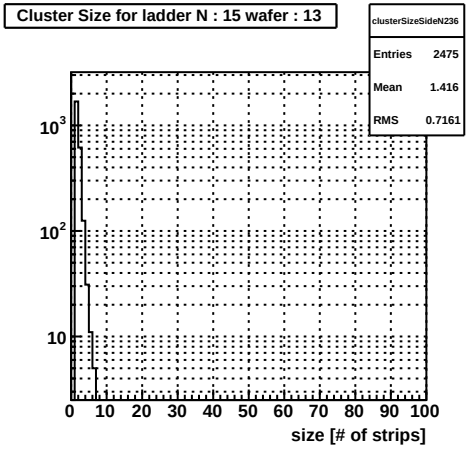

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4138
Mean 1.224
RMS 0.5825
size [# of strips]

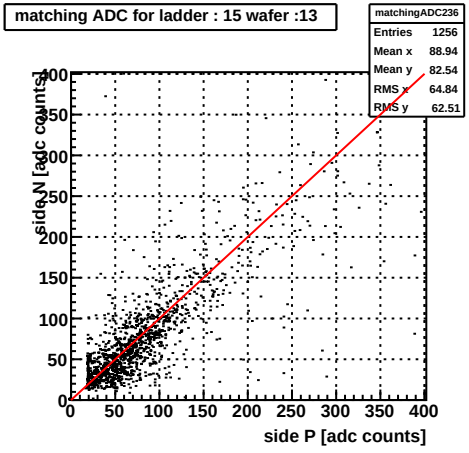

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 944
Mean x 80.83
Mean y 79.66
RMS x 61.71
RMS y 58.46
side N [adc counts]
side P [adc counts]

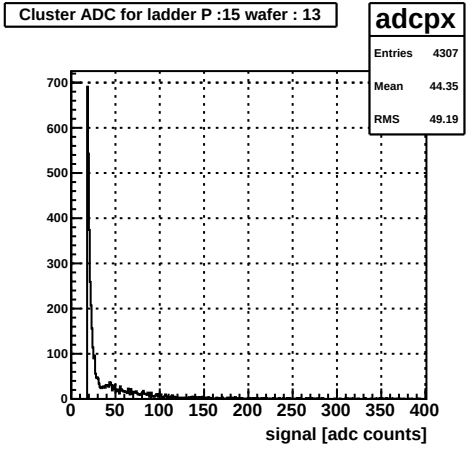

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2745
Mean 56.65
RMS 54.76
signal [adc counts]

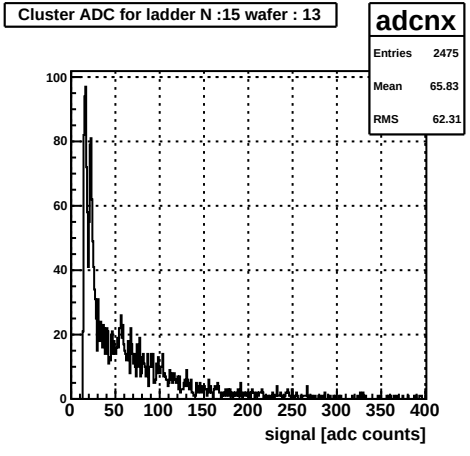

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4138
Mean 38.42
RMS 44.85
signal [adc counts]

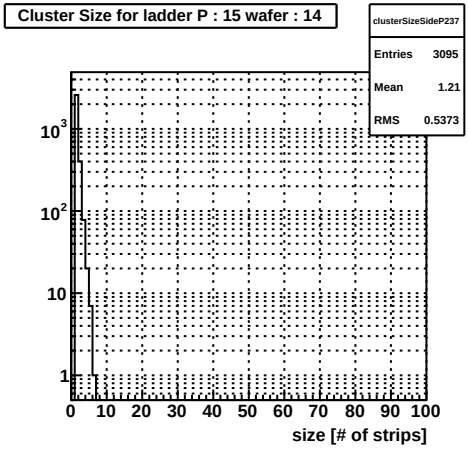

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4307
Mean 1.209
RMS 0.5375
size [# of strips]

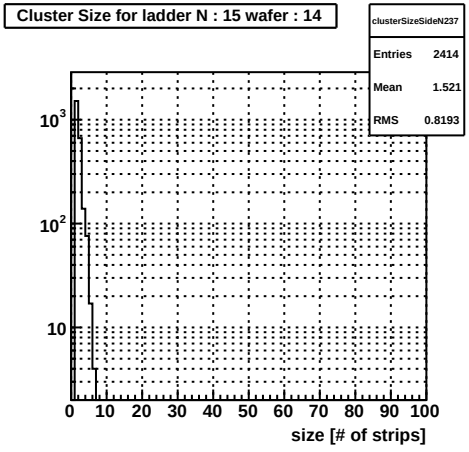

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2475
Mean 1.416
RMS 0.7161
size [# of strips]

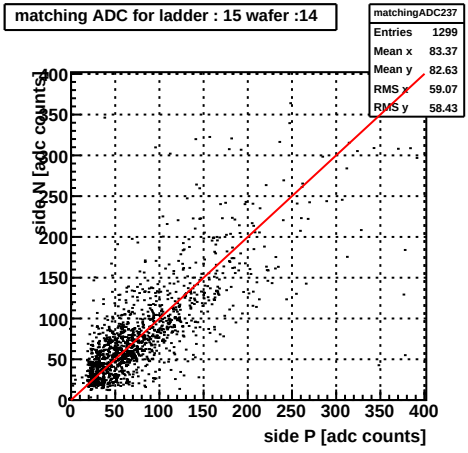

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1256
Mean x 88.94
Mean y 82.54
RMS x 64.84
RMS y 62.51
side N [adc counts]
side P [adc counts]

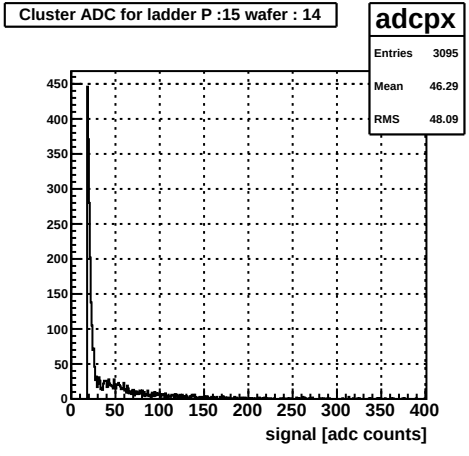

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4307
Mean 44.35
RMS 49.19
signal [adc counts]

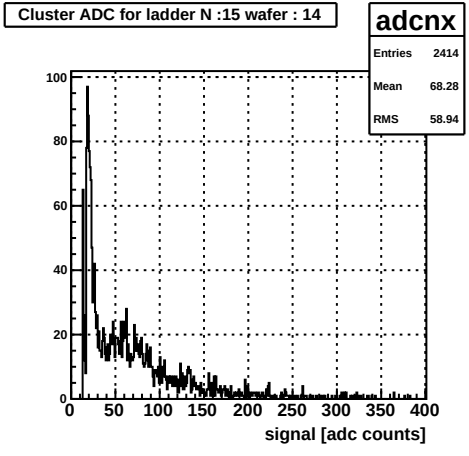

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2475
Mean 65.83
RMS 62.31
signal [adc counts]

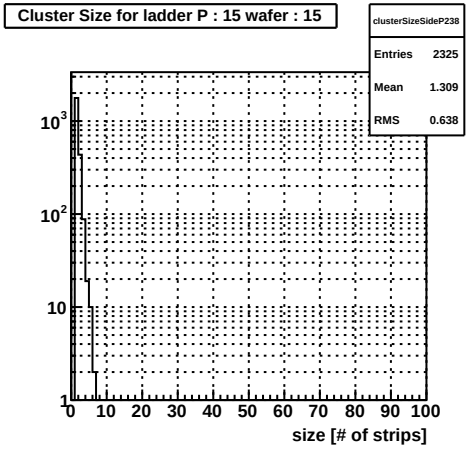

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3095
Mean 1.21
RMS 0.5373
size [# of strips]

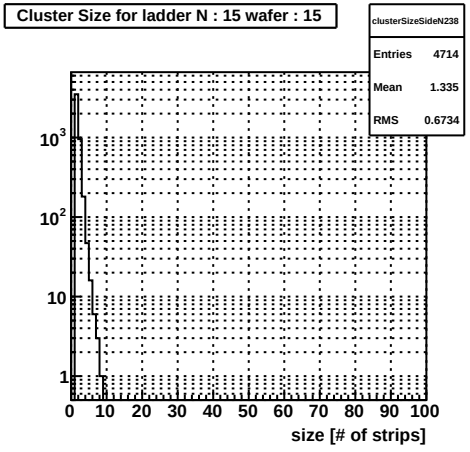

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2414
Mean 1.521
RMS 0.8193
size [# of strips]

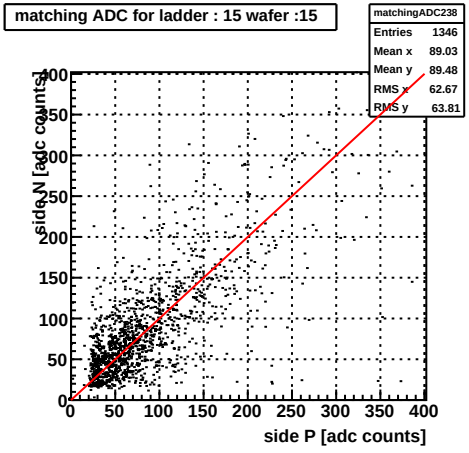

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1299
Mean x 83.37
Mean y 82.63
RMS x 59.07
RMS y 58.43
side N [adc counts]
side P [adc counts]

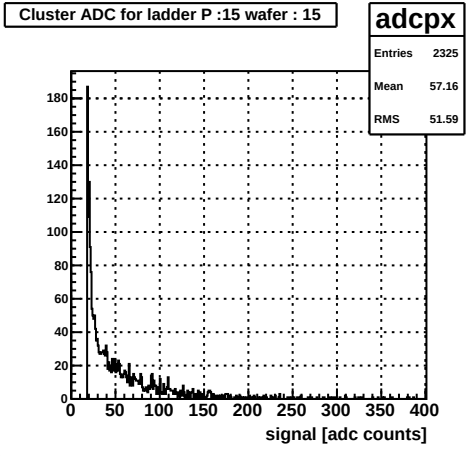

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3095
Mean 46.29
RMS 48.09
signal [adc counts]

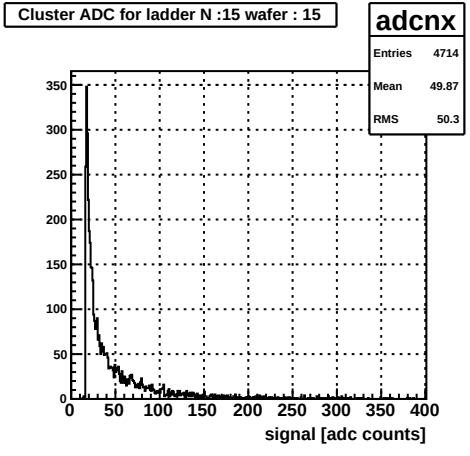

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2414
Mean 68.28
RMS 58.94
signal [adc counts]

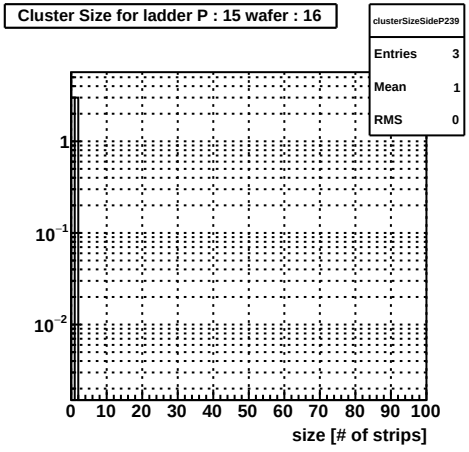

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2325
Mean 1.309
RMS 0.638
size [# of strips]

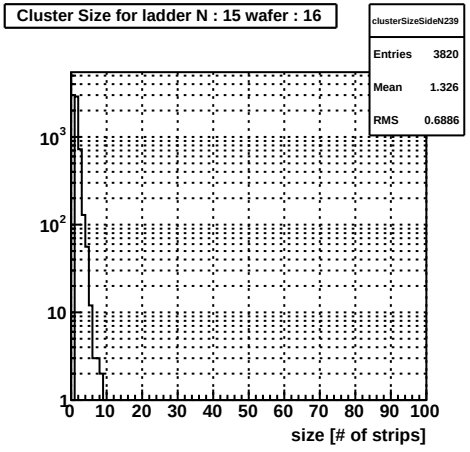

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4714
Mean 1.335
RMS 0.6734
size [# of strips]

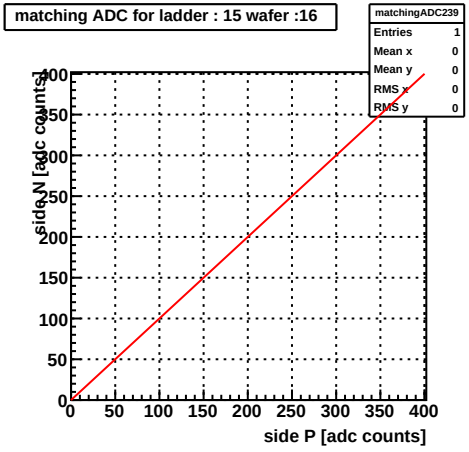

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1346
Mean x 89.03
Mean y 89.48
RMS x 62.67
RMS y 63.81
side N [adc counts]
side P [adc counts]

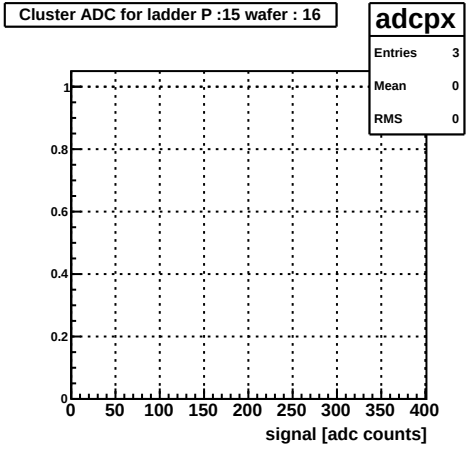

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2325
Mean 57.16
RMS 51.59
signal [adc counts]

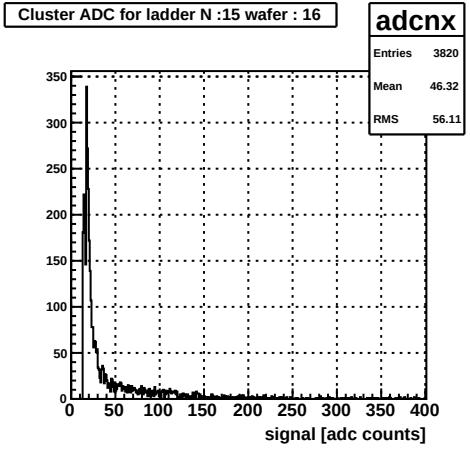

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4714
Mean 49.87
RMS 50.3
signal [adc counts]

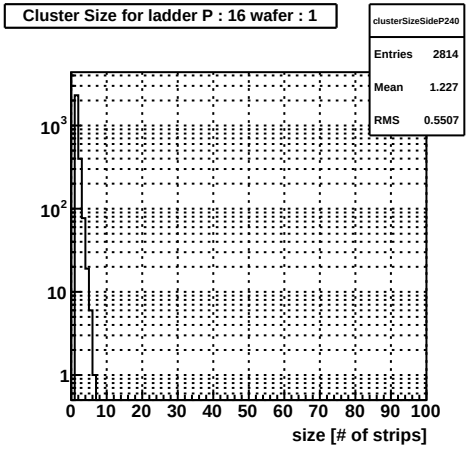

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

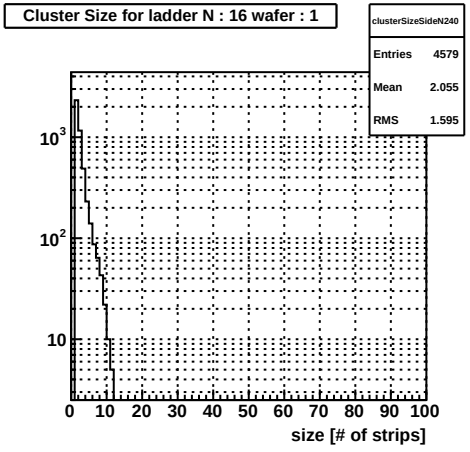

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3820
Mean 1.326
RMS 0.6886
size [# of strips]

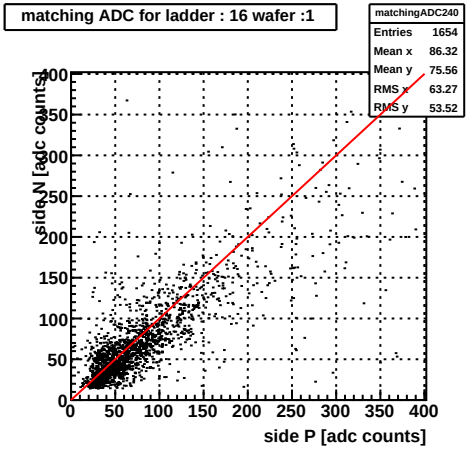

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

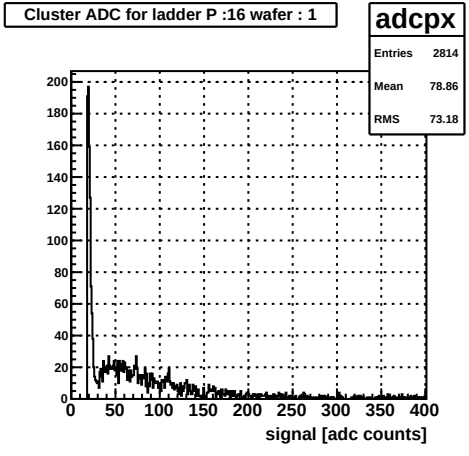

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

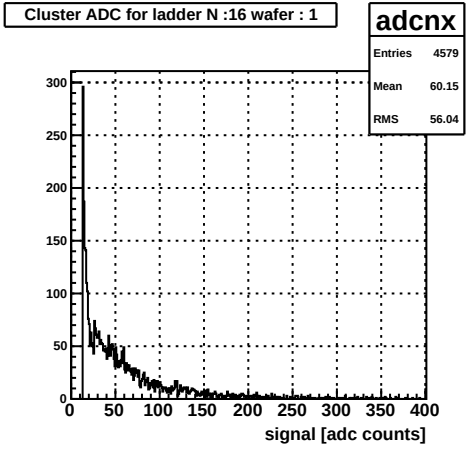

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3820
Mean 46.32
RMS 56.11
signal [adc counts]

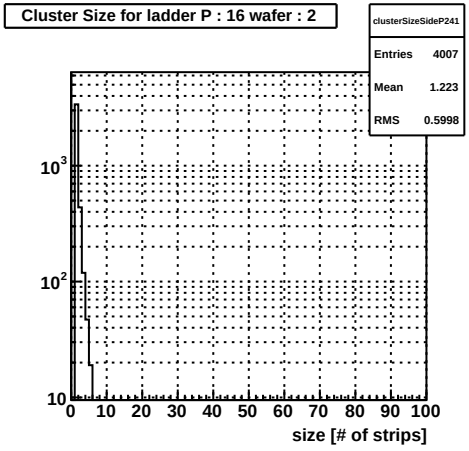

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2814
Mean 1.227
RMS 0.5507
size [# of strips]

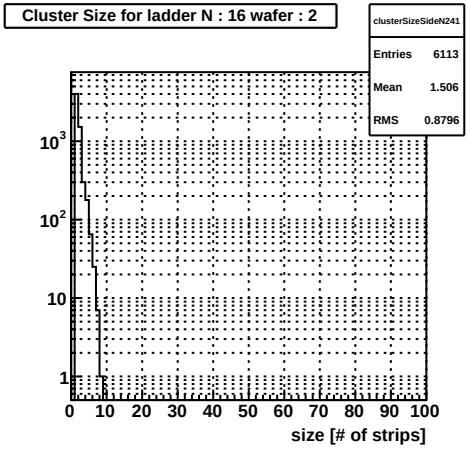

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4579
Mean 2.055
RMS 1.595
size [# of strips]

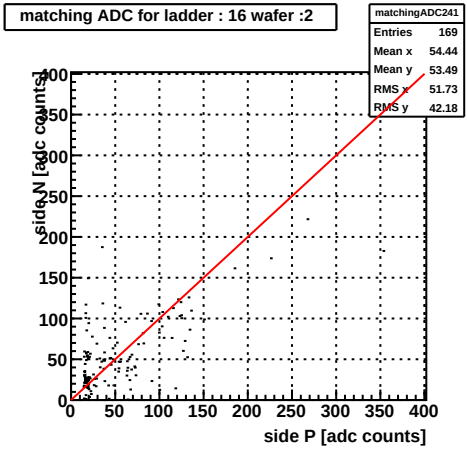

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1654
Mean x 86.32
Mean y 75.56
RMS x 63.27
RMS y 53.52
side N [adc counts]
side P [adc counts]

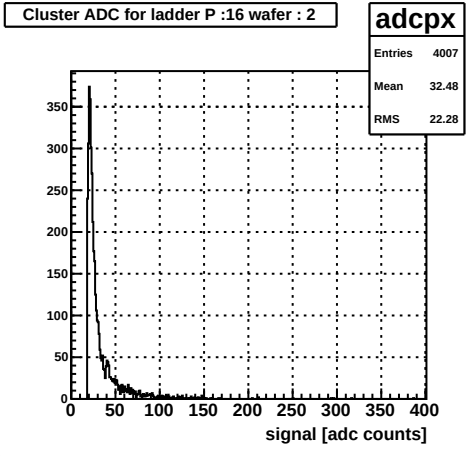

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2814
Mean 78.86
RMS 73.18
signal [adc counts]

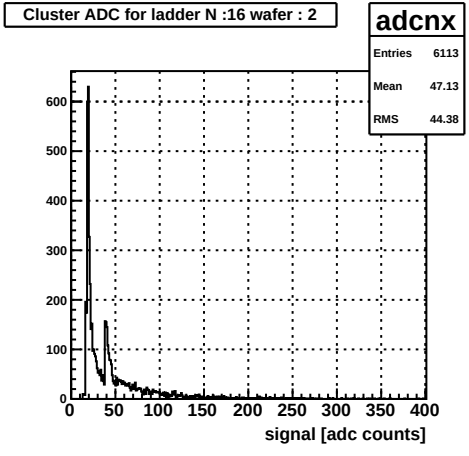

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4579
Mean 60.15
RMS 56.04
signal [adc counts]

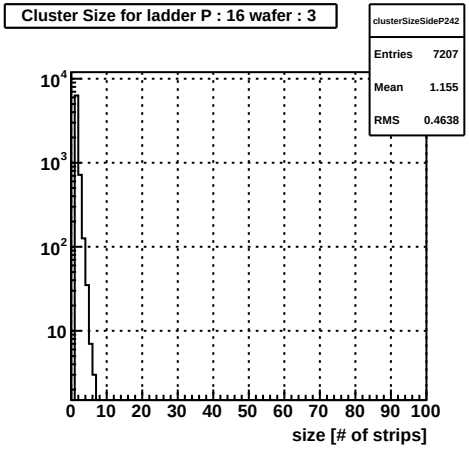

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4007
Mean 1.223
RMS 0.5998
size [# of strips]

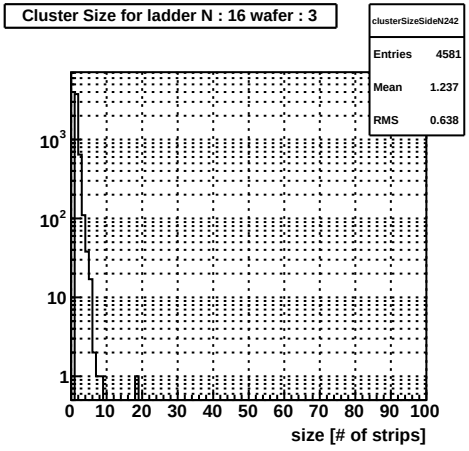

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6113
Mean 1.506
RMS 0.8796
size [# of strips]

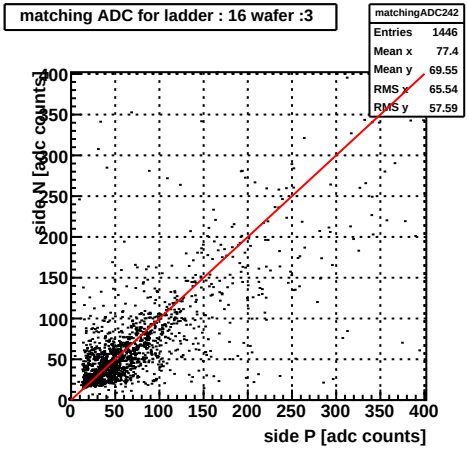

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 169
Mean x 54.44
Mean y 53.49
RMS x 51.73
RMS y 42.18
side N [adc counts]
side P [adc counts]

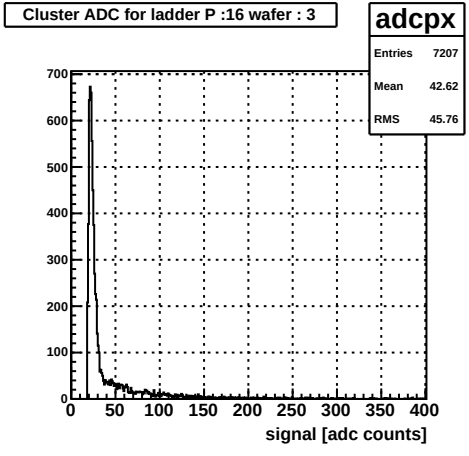

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4007
Mean 32.48
RMS 22.28
signal [adc counts]

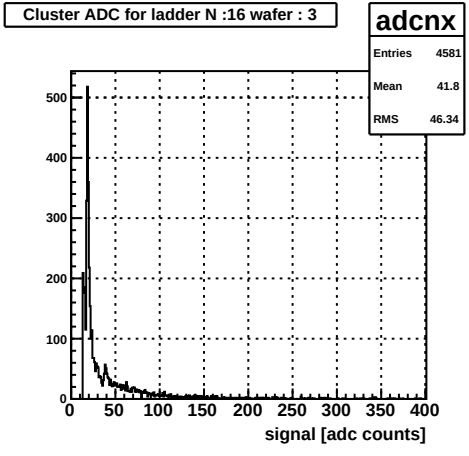

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6113
Mean 47.13
RMS 44.38
signal [adc counts]

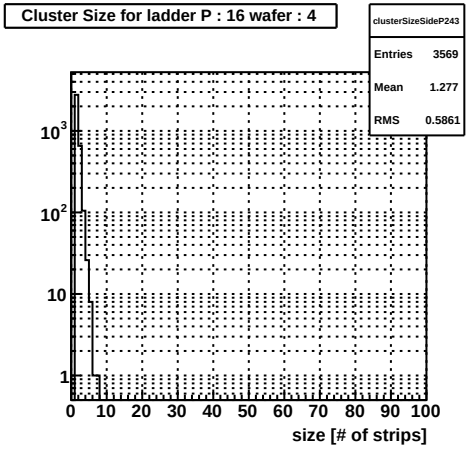

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7207
Mean 1.155
RMS 0.4638
size [# of strips]

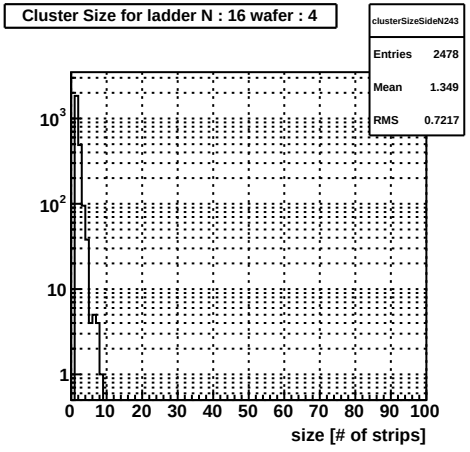

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 4581
Mean 1.237
RMS 0.638
size [# of strips]

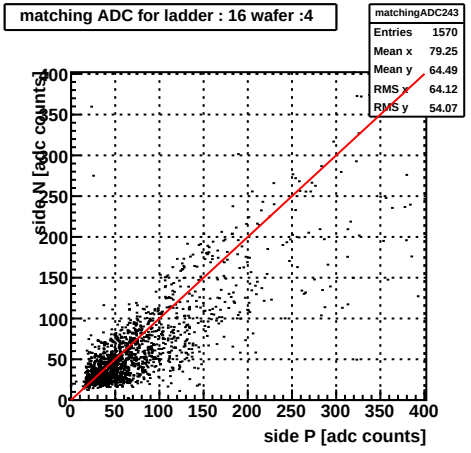

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1446
Mean x 77.4
Mean y 69.55
RMS x 65.54
RMS y 57.59
side N [adc counts]
side P [adc counts]

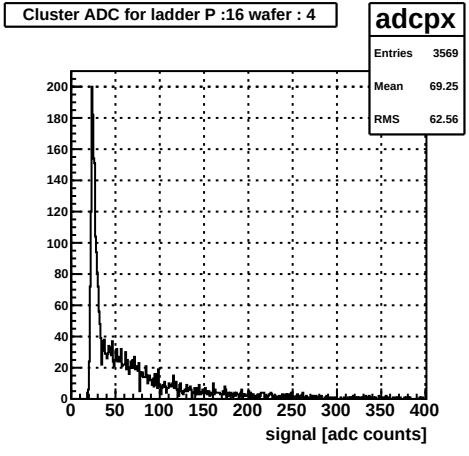

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7207
Mean 42.62
RMS 45.76
signal [adc counts]

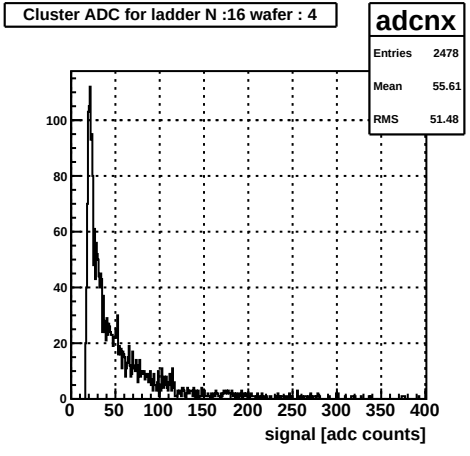

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 4581
Mean 41.8
RMS 46.34
signal [adc counts]

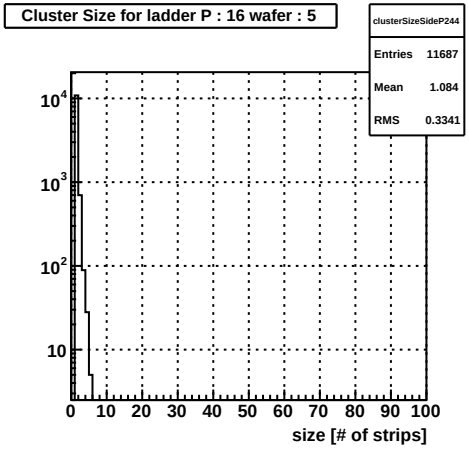

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3569
Mean 1.277
RMS 0.5861
size [# of strips]

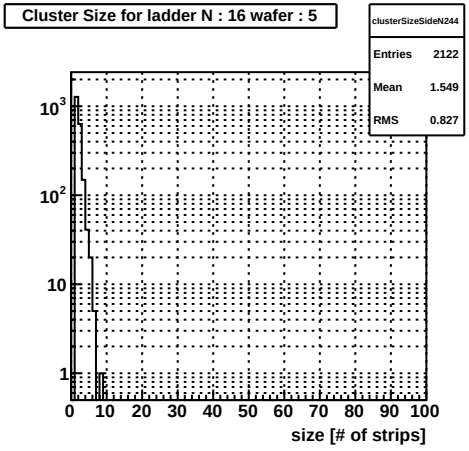

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2478
Mean 1.349
RMS 0.7217
size [# of strips]

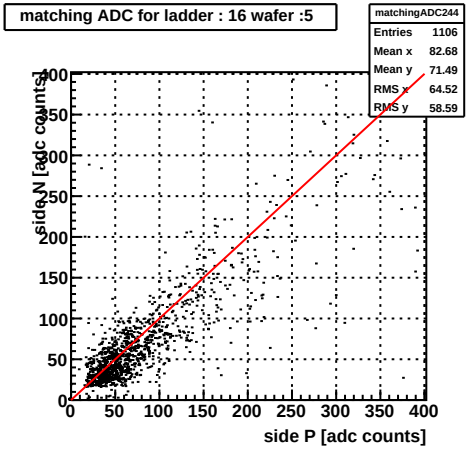

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1570
Mean x 79.25
Mean y 64.49
RMS x 64.12
RMS y 54.07
side N [adc counts]
side P [adc counts]

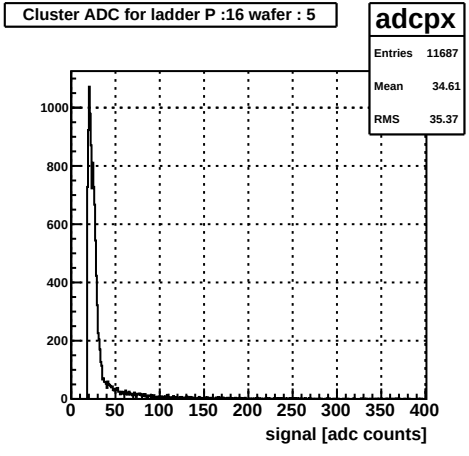

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3569
Mean 69.25
RMS 62.56
signal [adc counts]

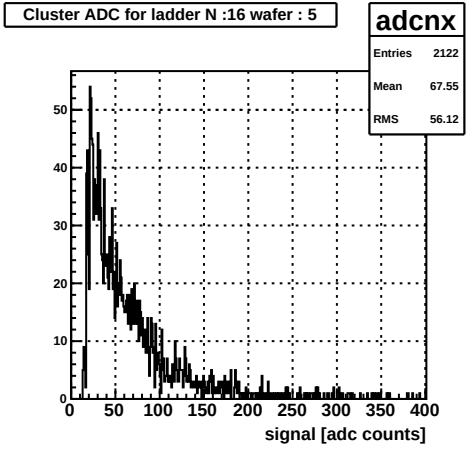

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2478
Mean 55.61
RMS 51.48
signal [adc counts]

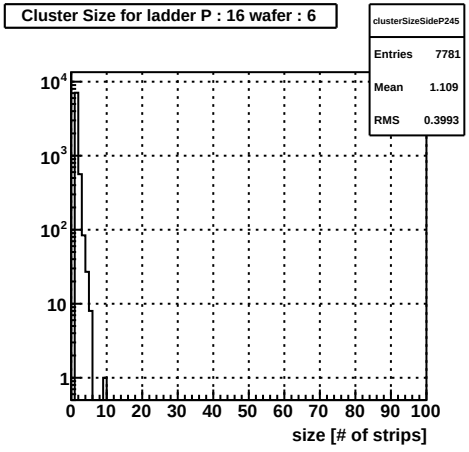

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11687
Mean 1.084
RMS 0.3341
size [# of strips]

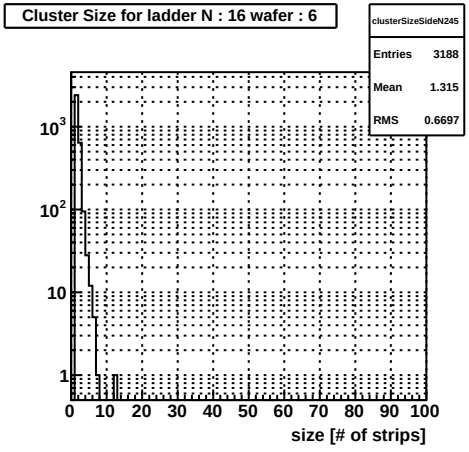

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2122
Mean 1.549
RMS 0.827
size [# of strips]

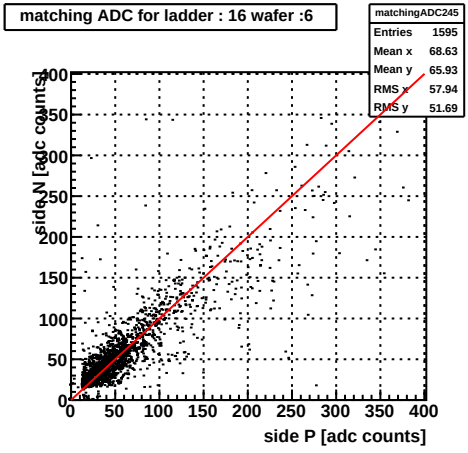

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1106
Mean x 82.68
Mean y 71.49
RMS x 64.52
RMS y 58.59
side N [adc counts]
side P [adc counts]

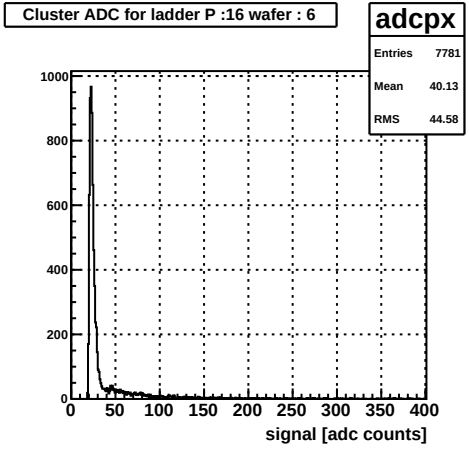

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11687
Mean 34.61
RMS 35.37
signal [adc counts]

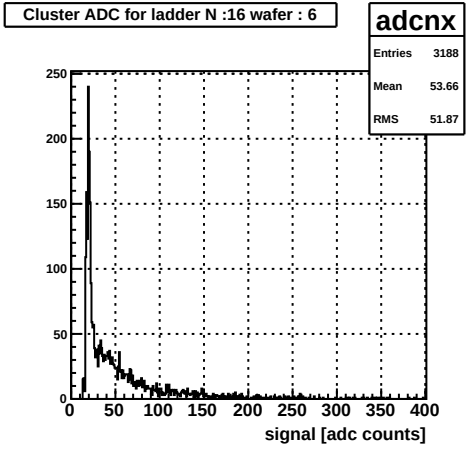

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2122
Mean 67.55
RMS 56.12
signal [adc counts]

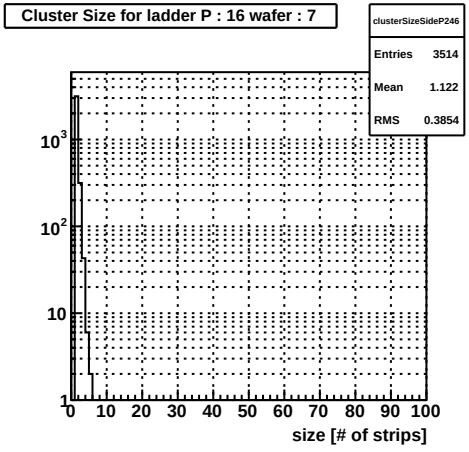

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7781
Mean 1.109
RMS 0.3993
size [# of strips]

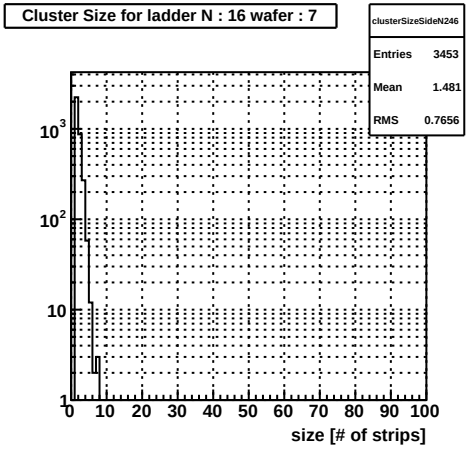

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3188
Mean 1.315
RMS 0.6697
size [# of strips]

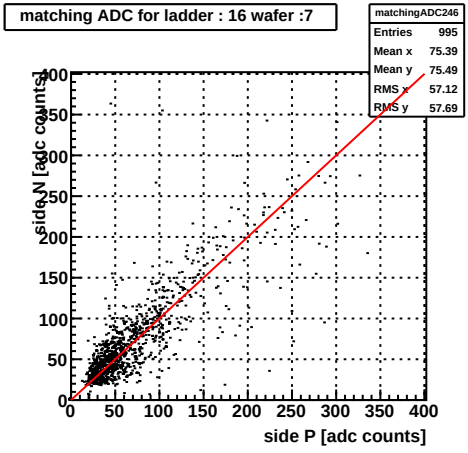

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1595
Mean x 68.63
Mean y 65.93
RMS x 57.94
RMS y 51.69
side N [adc counts]
side P [adc counts]

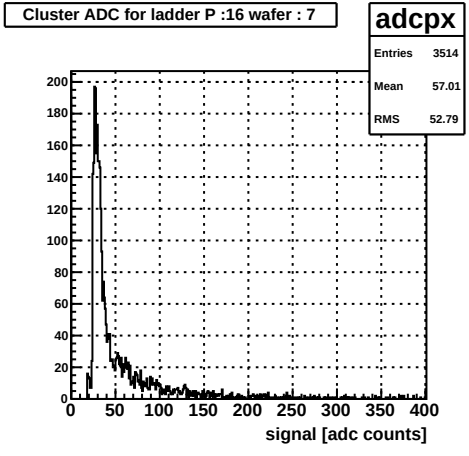

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7781
Mean 40.13
RMS 44.58
signal [adc counts]

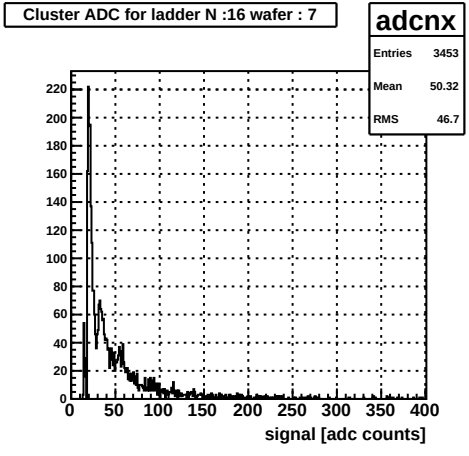

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3188
Mean 53.66
RMS 51.87
signal [adc counts]

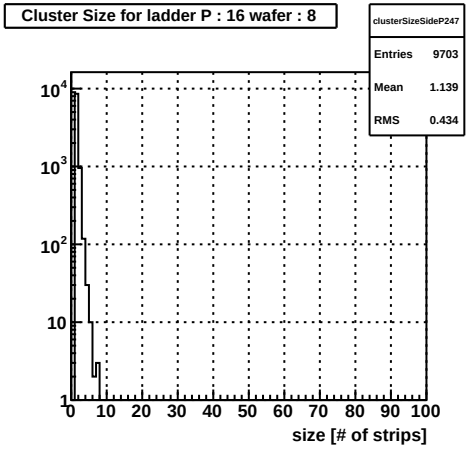

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 3514
Mean 1.122
RMS 0.3854
size [# of strips]

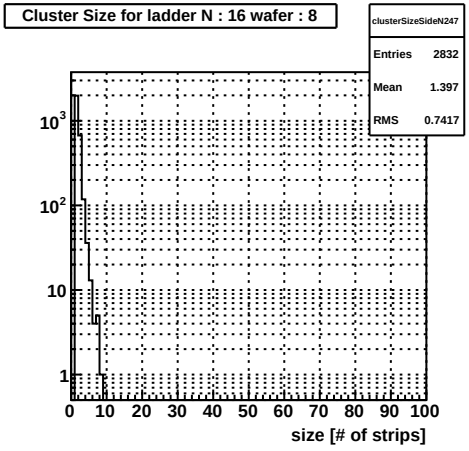

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3453
Mean 1.481
RMS 0.7656
size [# of strips]

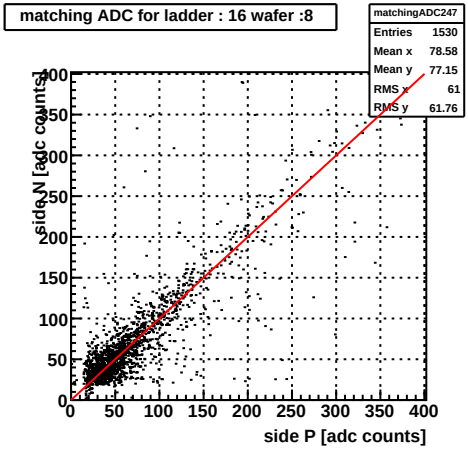

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 995
Mean x 75.39
Mean y 75.49
RMS x 57.12
RMS y 57.69
side N [adc counts]
side P [adc counts]

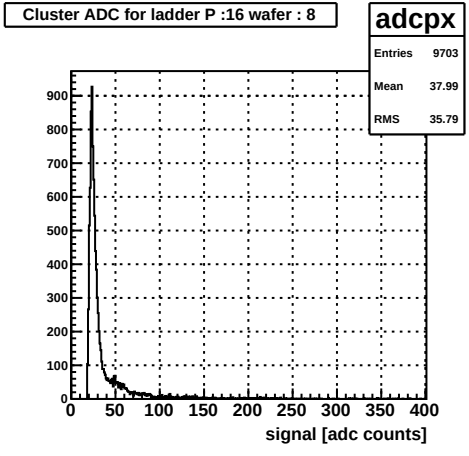

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 3514
Mean 57.01
RMS 52.79
signal [adc counts]

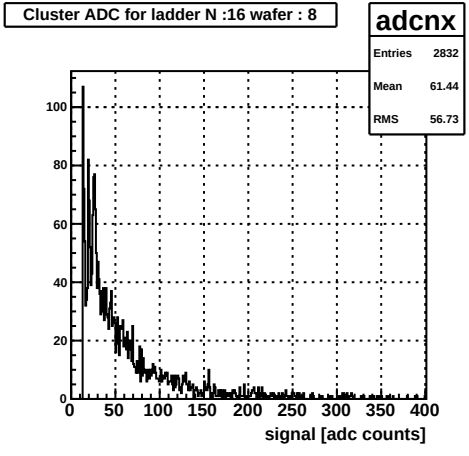

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3453
Mean 50.32
RMS 46.7
signal [adc counts]

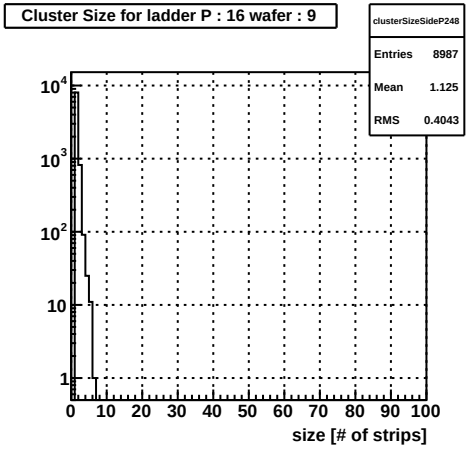

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9703
Mean 1.139
RMS 0.434
size [# of strips]

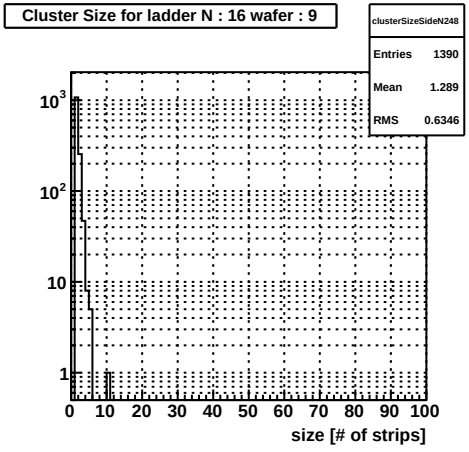

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2832
Mean 1.397
RMS 0.7417
size [# of strips]

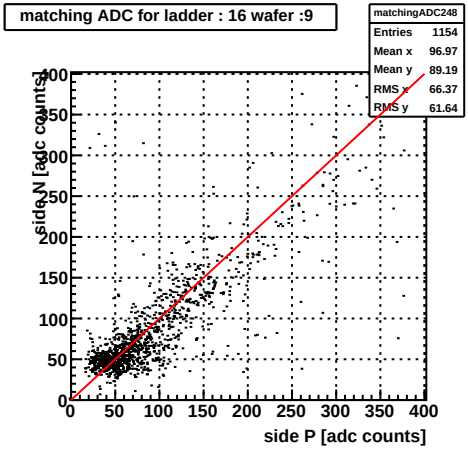

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1530
Mean x 78.58
Mean y 77.15
RMS x 61
RMS y 61.76
side N [adc counts]
side P [adc counts]

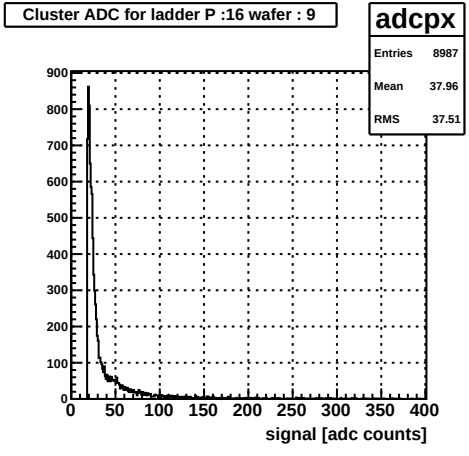

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9703
Mean 37.99
RMS 35.79
signal [adc counts]

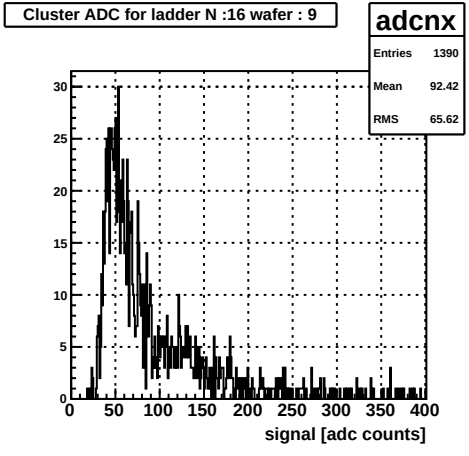

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2832
Mean 61.44
RMS 56.73
signal [adc counts]

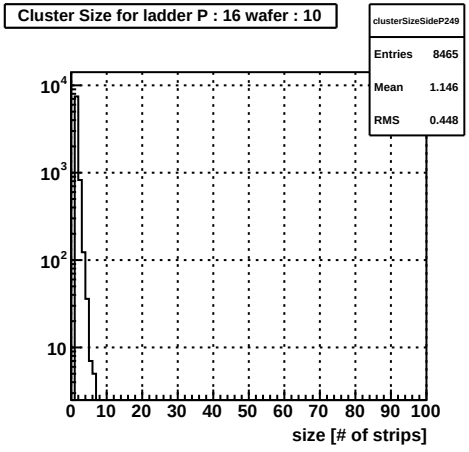

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8987
Mean 1.125
RMS 0.4043
size [# of strips]

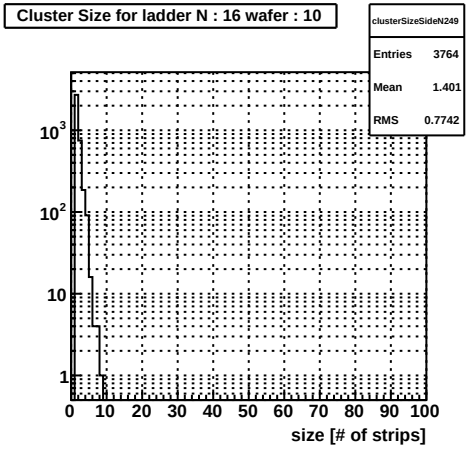

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1390
Mean 1.289
RMS 0.6346
size [# of strips]

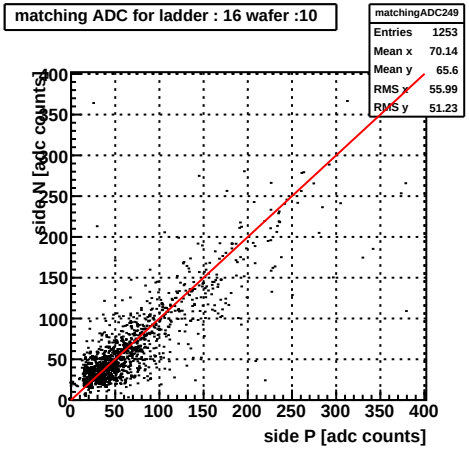

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1154
Mean x 96.97
Mean y 89.19
RMS x 66.37
RMS y 61.64
side N [adc counts]
side P [adc counts]

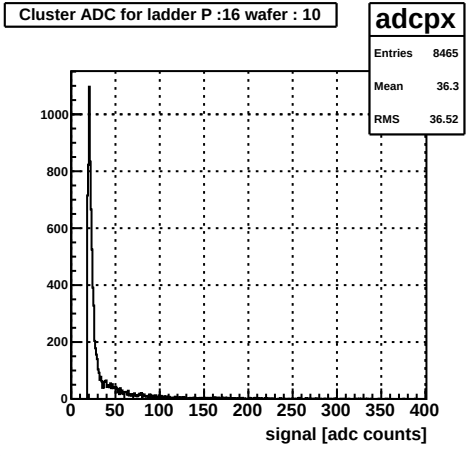

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8987
Mean 37.96
RMS 37.51
signal [adc counts]

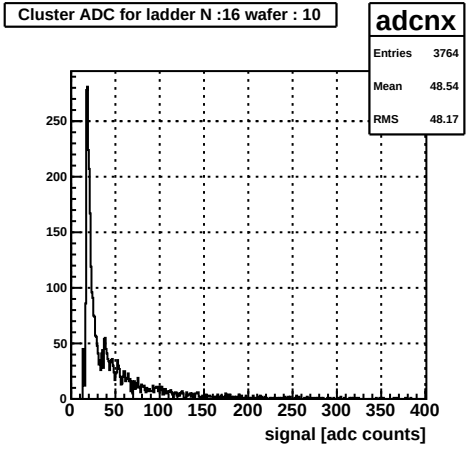

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1390
Mean 92.42
RMS 65.62
signal [adc counts]

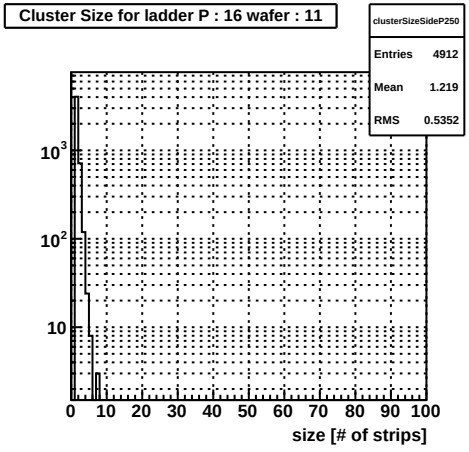

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8465
Mean 1.146
RMS 0.448
size [# of strips]

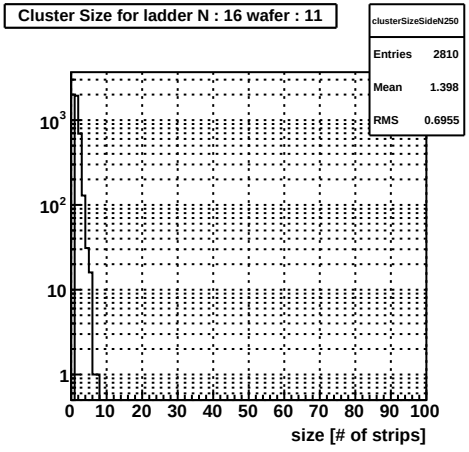

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3764
Mean 1.401
RMS 0.7742
size [# of strips]

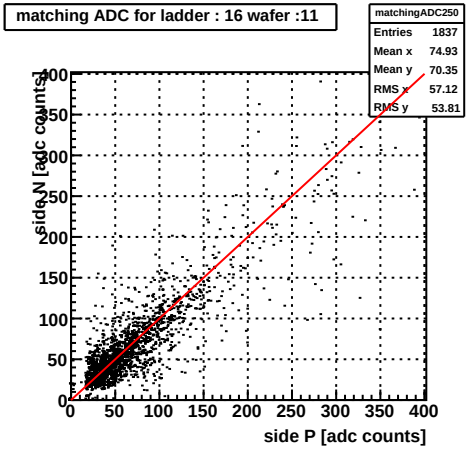

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1253
Mean x 70.14
Mean y 65.6
RMS x 55.99
RMS y 51.23
side N [adc counts]
side P [adc counts]

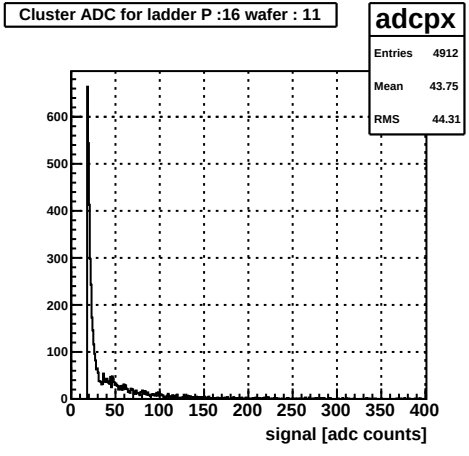

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8465
Mean 36.3
RMS 36.52
signal [adc counts]

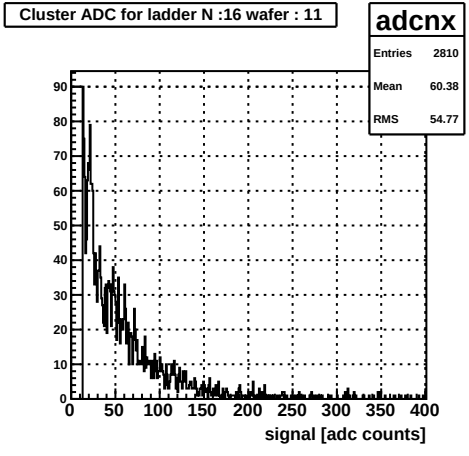

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3764
Mean 48.54
RMS 48.17
signal [adc counts]

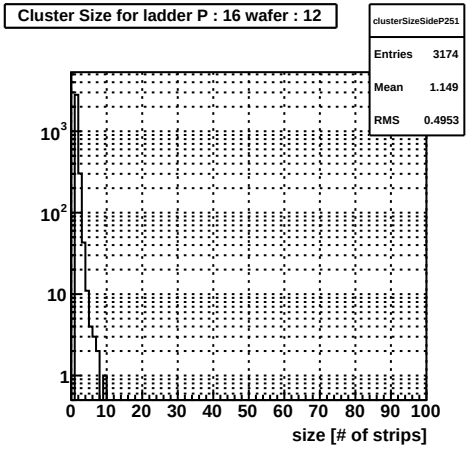

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4912
Mean 1.219
RMS 0.5352
size [# of strips]

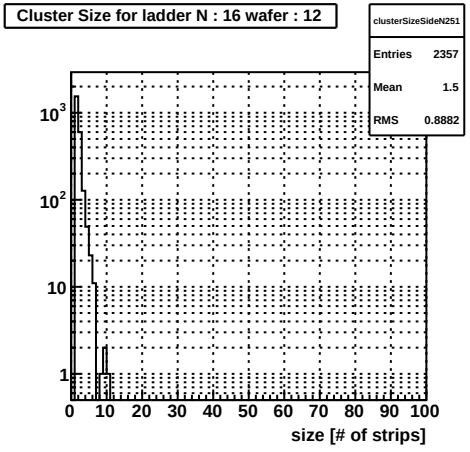

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2810
Mean 1.398
RMS 0.6955
size [# of strips]

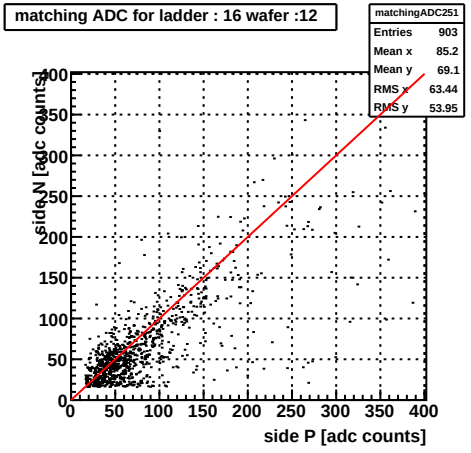

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1837
Mean x 74.93
Mean y 70.35
RMS x 57.12
RMS y 53.81
side N [adc counts]
side P [adc counts]

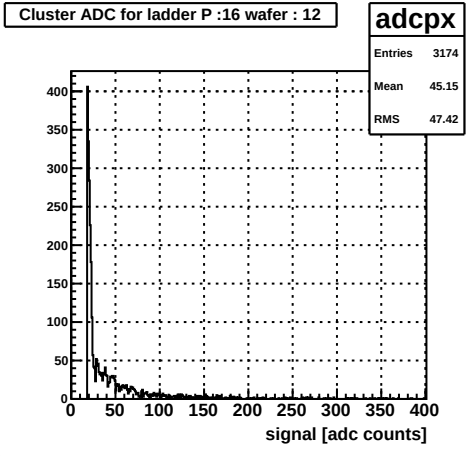

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4912
Mean 43.75
RMS 44.31
signal [adc counts]

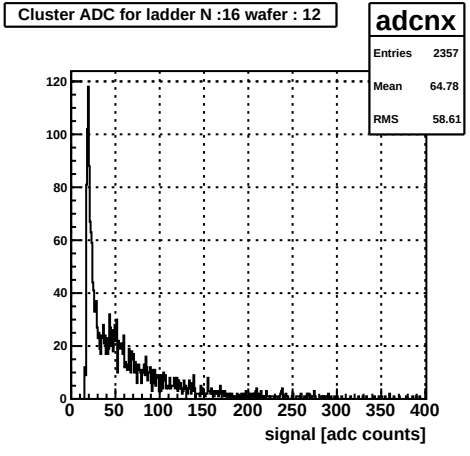

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2810
Mean 60.38
RMS 54.77
signal [adc counts]

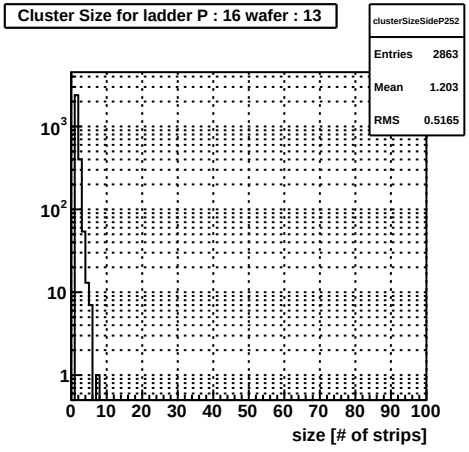

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3174
Mean 1.149
RMS 0.4953
size [# of strips]

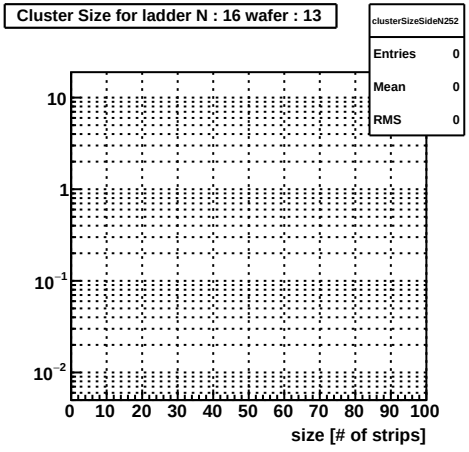

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2357
Mean 1.5
RMS 0.8882
size [# of strips]

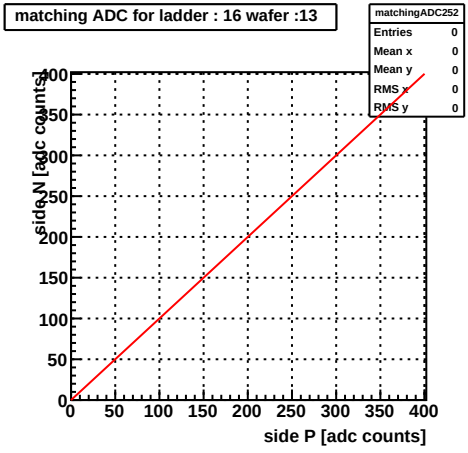

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 903
Mean x 85.2
Mean y 69.1
RMS x 63.44
RMS y 53.95
side N [adc counts]
side P [adc counts]

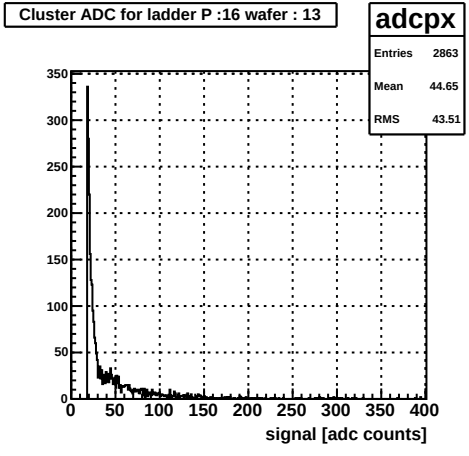

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3174
Mean 45.15
RMS 47.42
signal [adc counts]

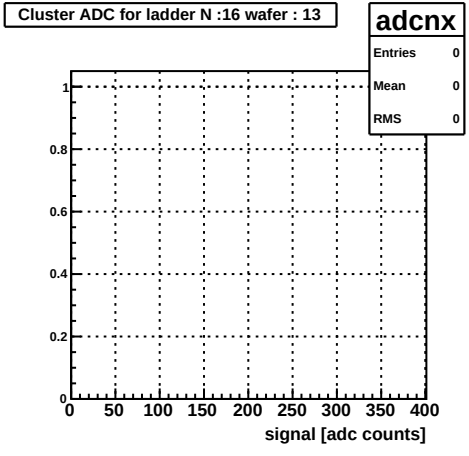

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2357
Mean 64.78
RMS 58.61
signal [adc counts]

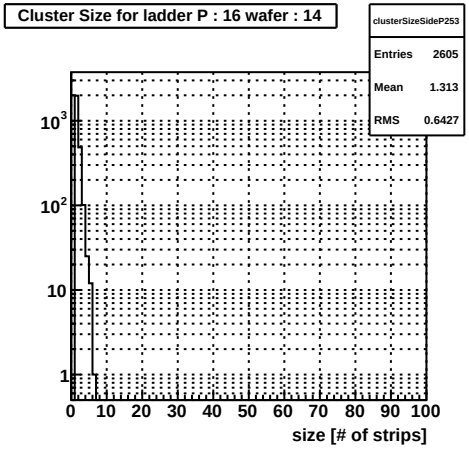

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2863
Mean 1.203
RMS 0.5165
size [# of strips]

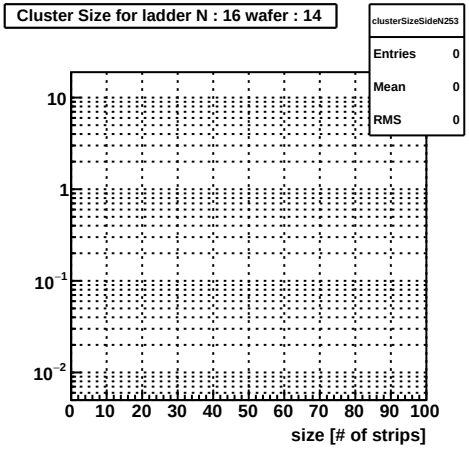

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

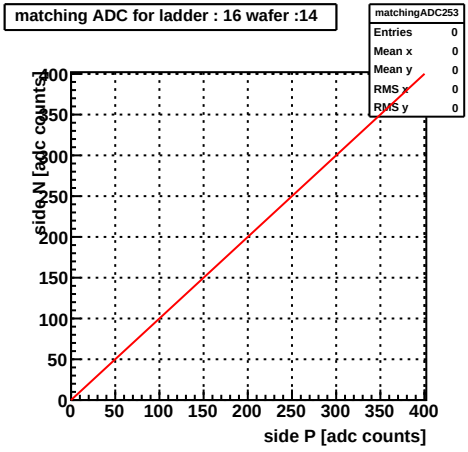

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

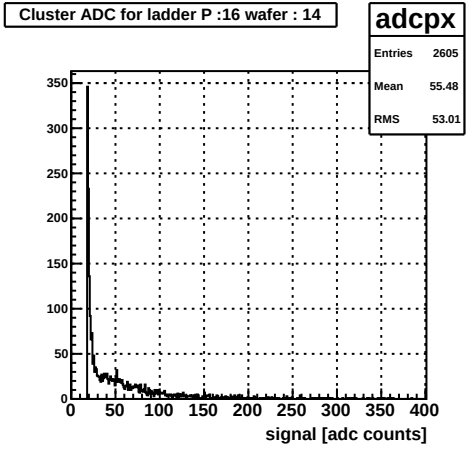

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2863
Mean 44.65
RMS 43.51
signal [adc counts]

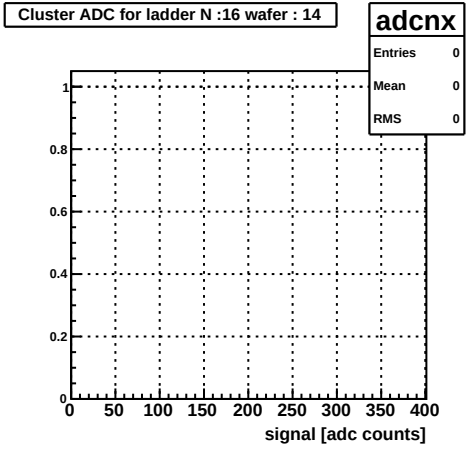

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

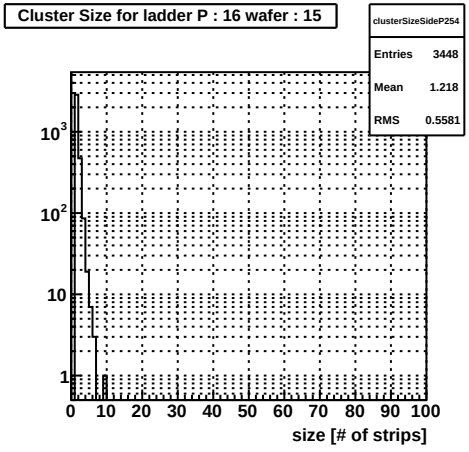

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2605
Mean 1.313
RMS 0.6427
size [# of strips]

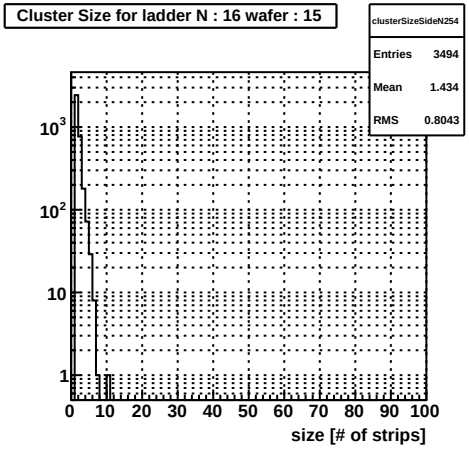

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

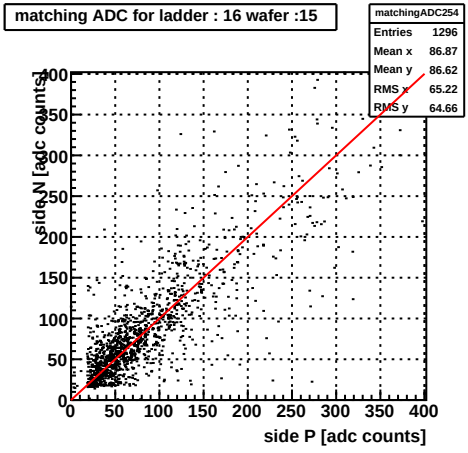

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

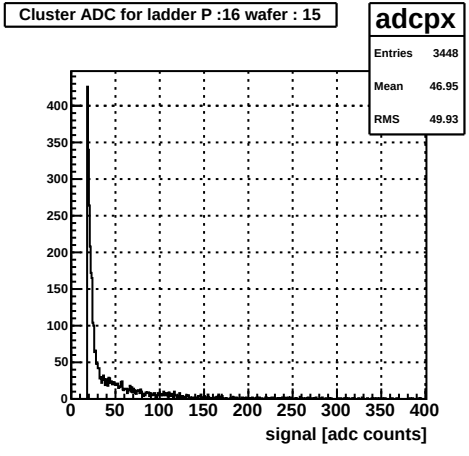

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2605
Mean 55.48
RMS 53.01
signal [adc counts]

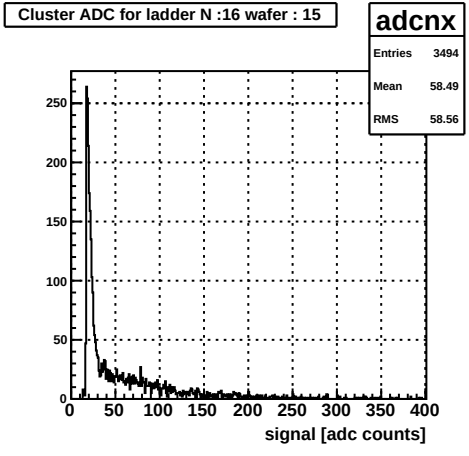

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

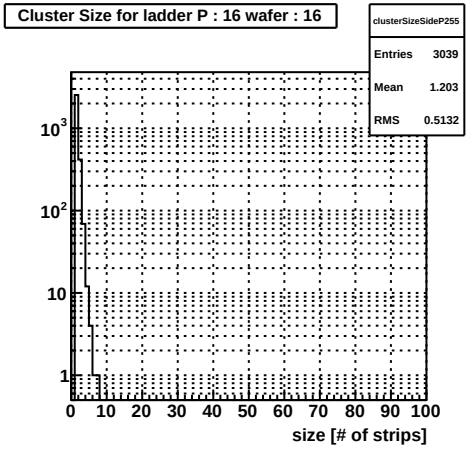

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3448
Mean 1.218
RMS 0.5581
size [# of strips]

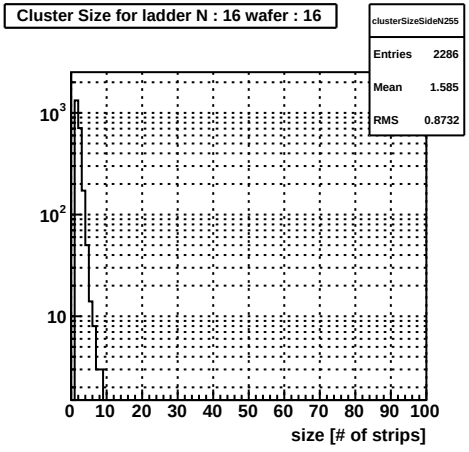

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3494
Mean 1.434
RMS 0.8043
size [# of strips]

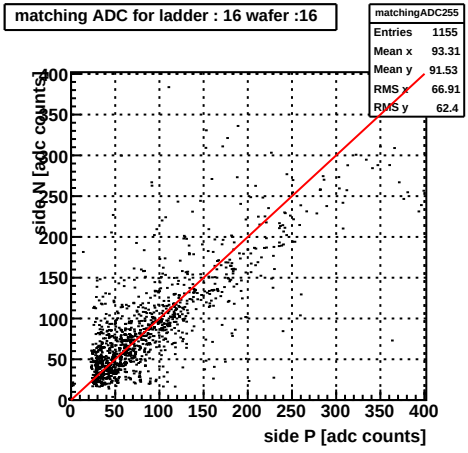

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1296
Mean x 86.87
Mean y 86.62
RMS x 65.22
RMS y 64.66
side N [adc counts]
side P [adc counts]

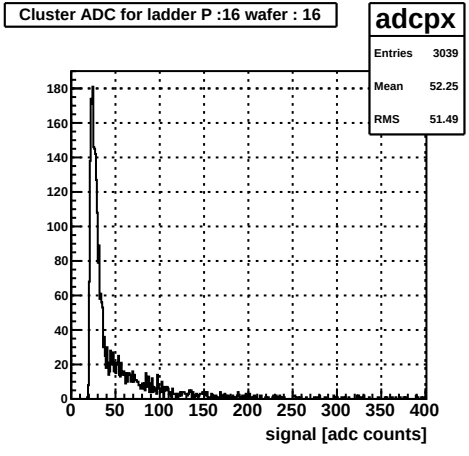

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3448
Mean 46.95
RMS 49.93
signal [adc counts]

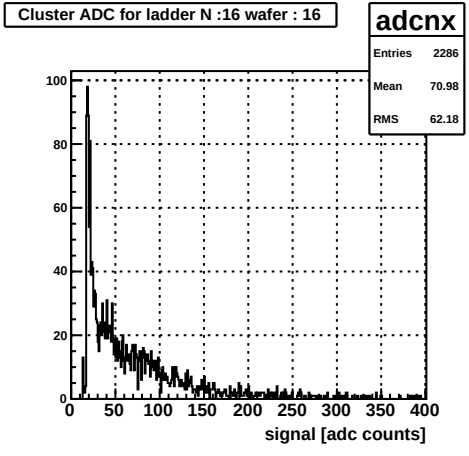

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3494
Mean 58.49
RMS 58.56
signal [adc counts]

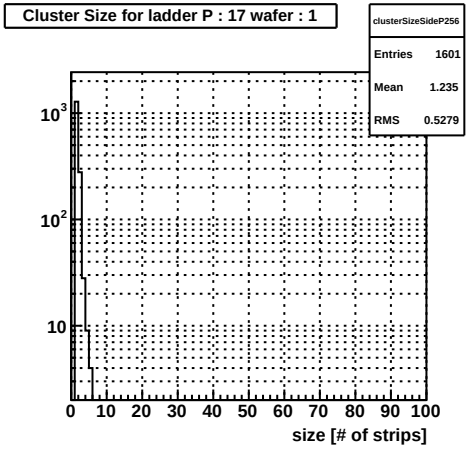

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3039
Mean 1.203
RMS 0.5132
size [# of strips]

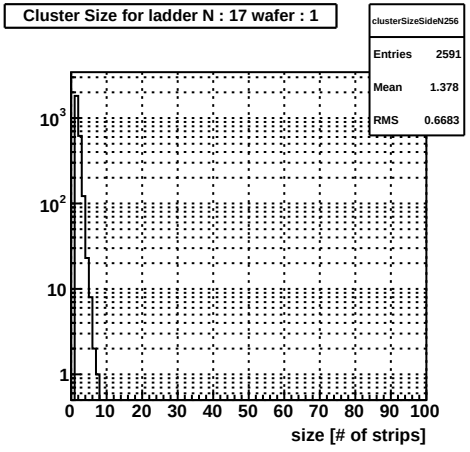

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2286
Mean 1.585
RMS 0.8732
size [# of strips]

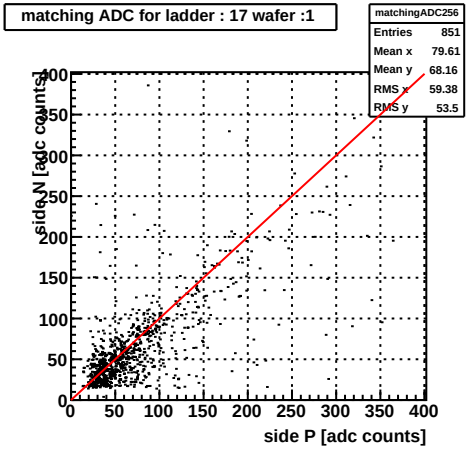

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1155
Mean x 93.31
Mean y 91.53
RMS x 66.91
RMS y 62.4
side N [adc counts]
side P [adc counts]

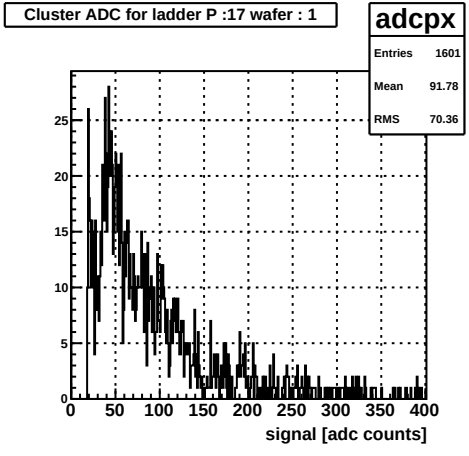

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3039
Mean 52.25
RMS 51.49
signal [adc counts]

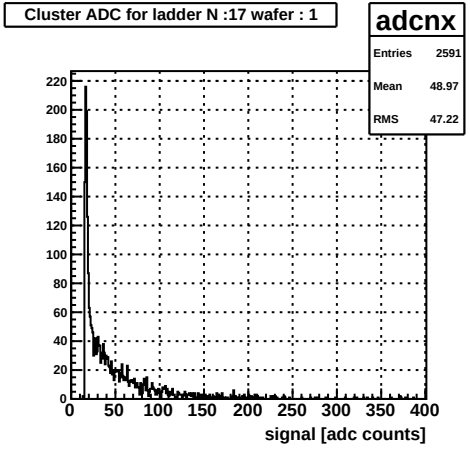

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2286
Mean 70.98
RMS 62.18
signal [adc counts]

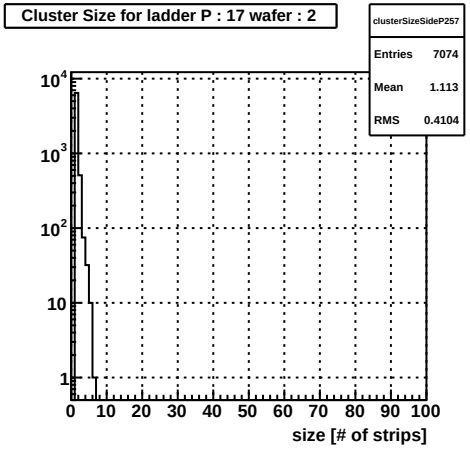

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1601
Mean 1.235
RMS 0.5279
size [# of strips]

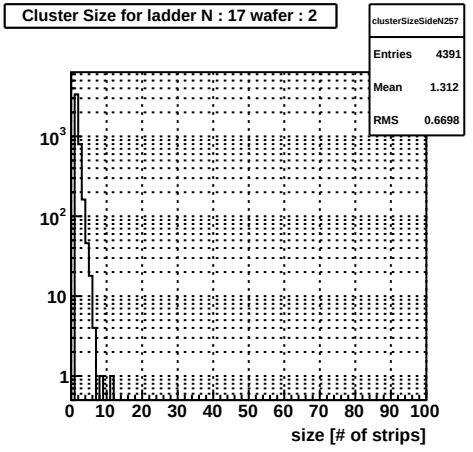

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2591
Mean 1.378
RMS 0.6683
size [# of strips]

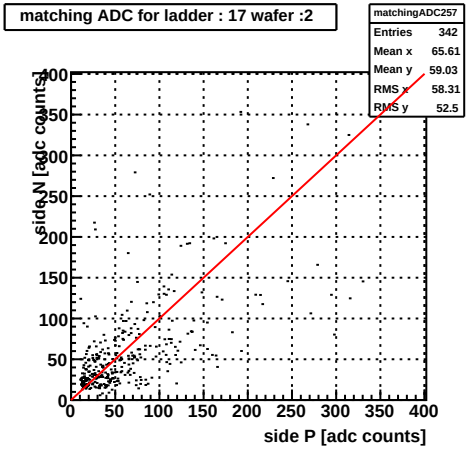

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 851
Mean x 79.61
Mean y 68.16
RMS x 59.38
RMS y 53.5
side N [adc counts]
side P [adc counts]

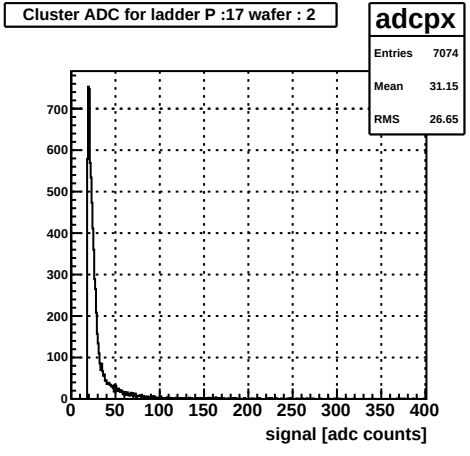

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1601
Mean 91.78
RMS 70.36
signal [adc counts]

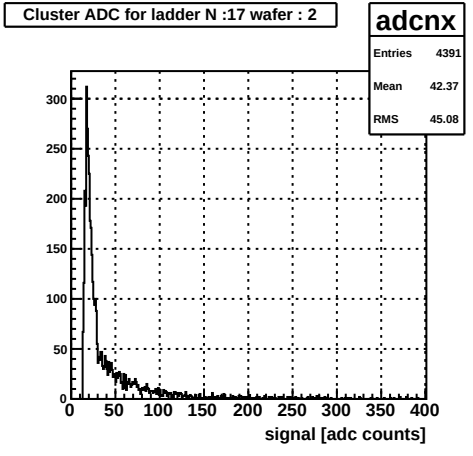

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2591
Mean 48.97
RMS 47.22
signal [adc counts]

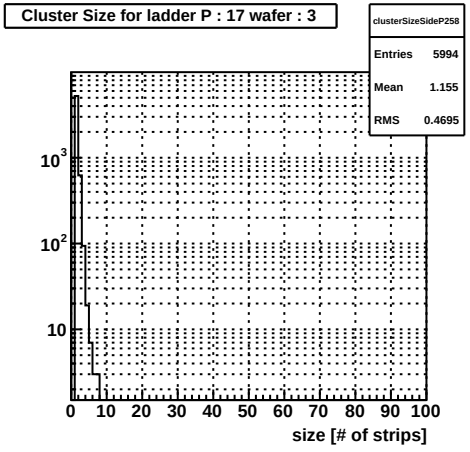

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7074
Mean 1.113
RMS 0.4104
size [# of strips]

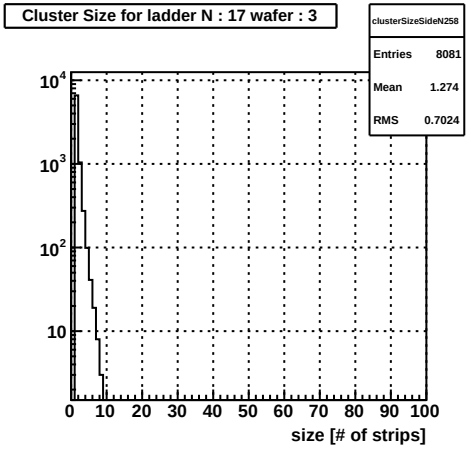

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4391
Mean 1.312
RMS 0.6698
size [# of strips]

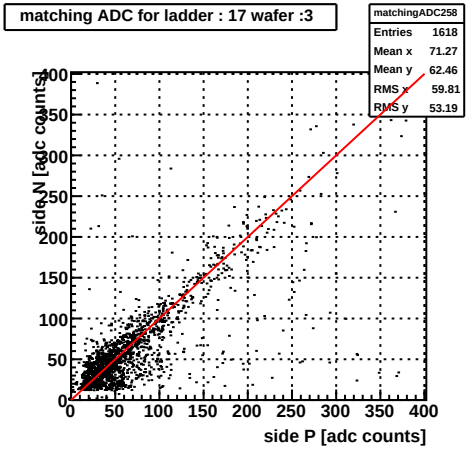

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 342
Mean x 65.61
Mean y 59.03
RMS x 58.31
RMS y 52.5
side N [adc counts]
side P [adc counts]

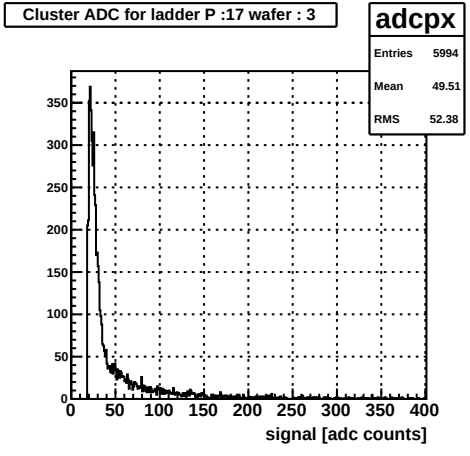

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7074
Mean 31.15
RMS 26.65
signal [adc counts]

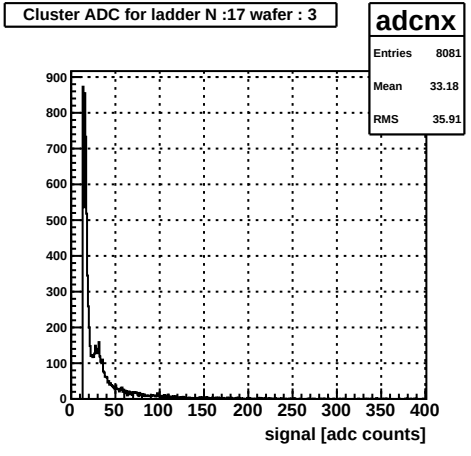

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4391
Mean 42.37
RMS 45.08
signal [adc counts]

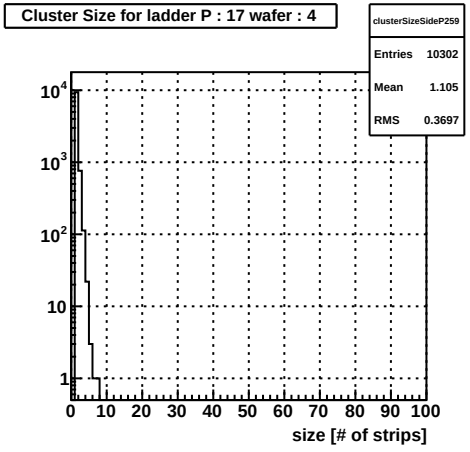

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5994
Mean 1.155
RMS 0.4695
size [# of strips]

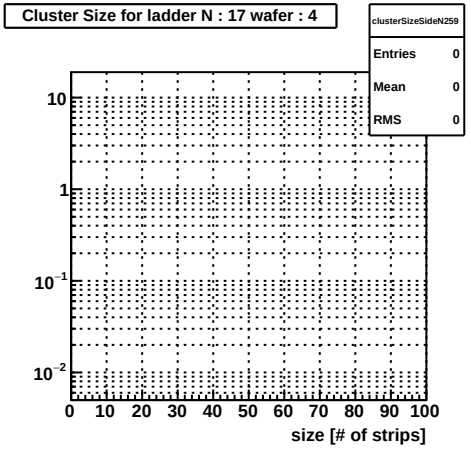

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8081
Mean 1.274
RMS 0.7024
size [# of strips]

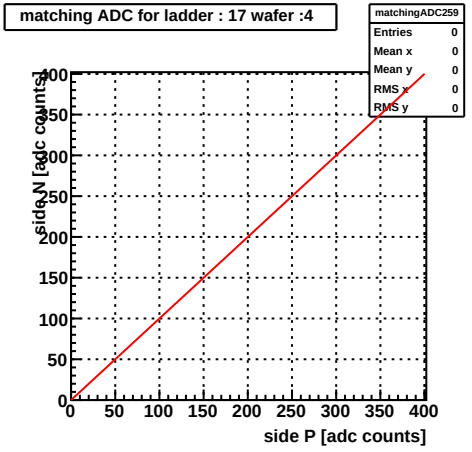

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1618
Mean x 71.27
Mean y 62.46
RMS x 59.81
RMS y 53.19
side N [adc counts]
side P [adc counts]

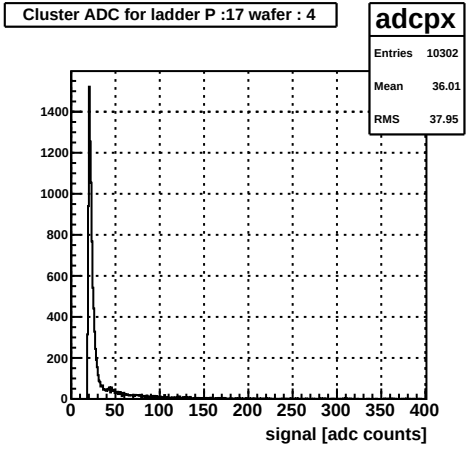

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5994
Mean 49.51
RMS 52.38
signal [adc counts]

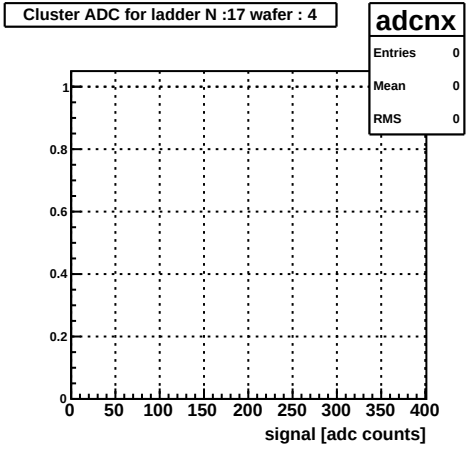

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8081
Mean 33.18
RMS 35.91
signal [adc counts]

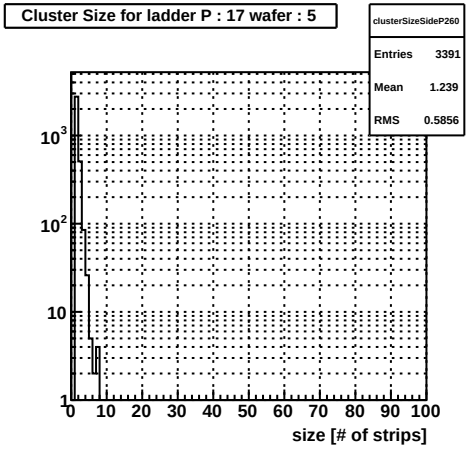

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10302
Mean 1.105
RMS 0.3697
size [# of strips]

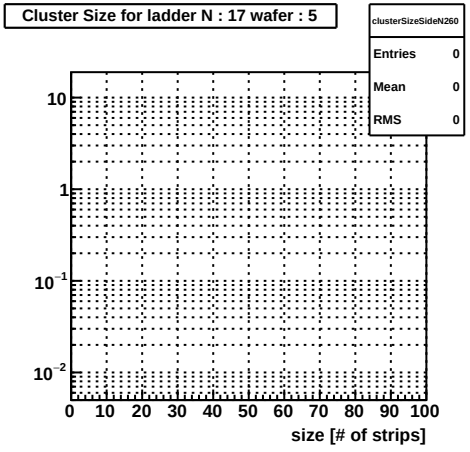

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

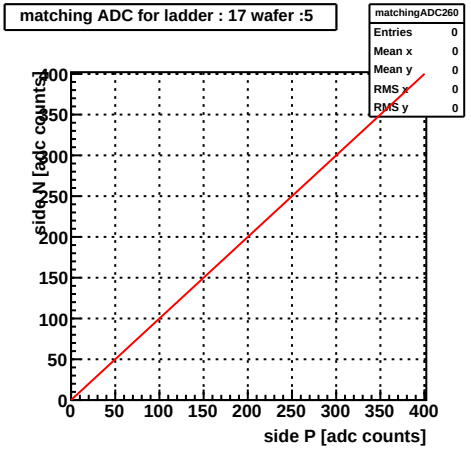

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

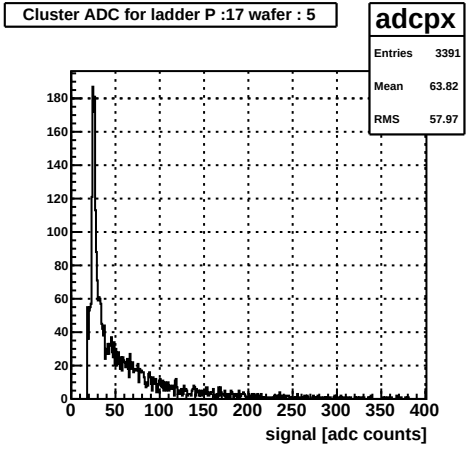

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10302
Mean 36.01
RMS 37.95
signal [adc counts]

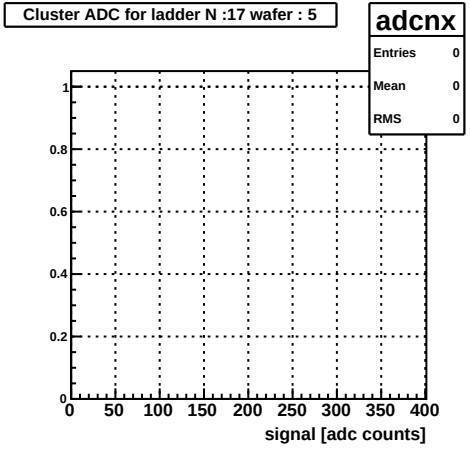

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

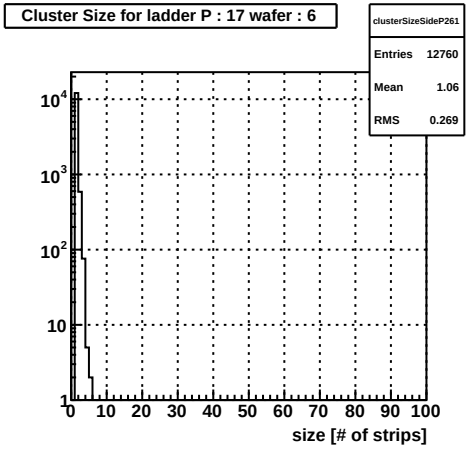

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3391
Mean 1.239
RMS 0.5856
size [# of strips]

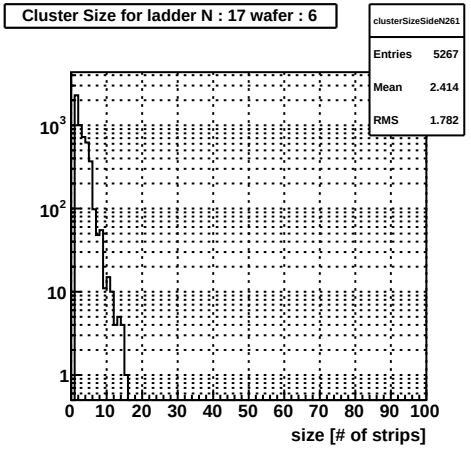

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

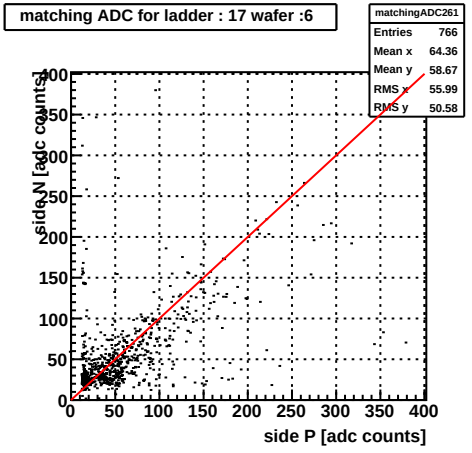

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

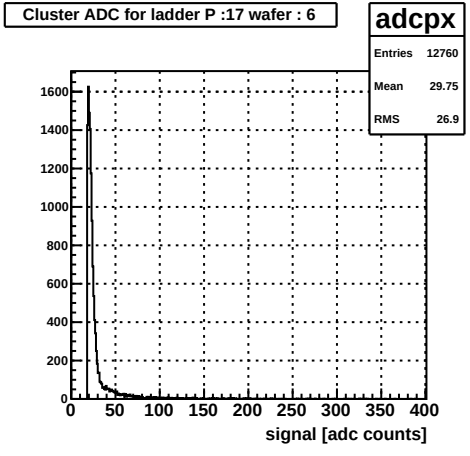

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3391
Mean 63.82
RMS 57.97
signal [adc counts]

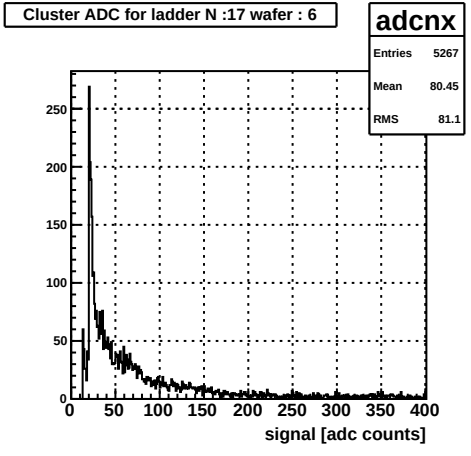

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

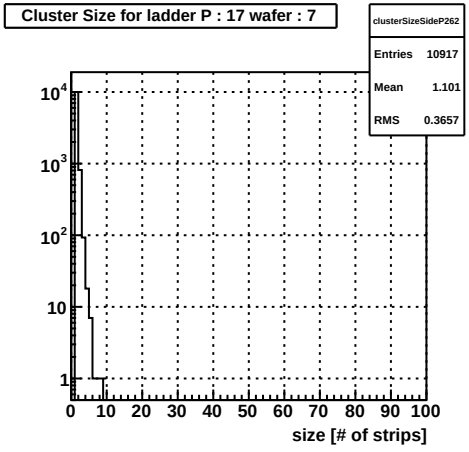

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 12760
Mean 1.06
RMS 0.269
size [# of strips]

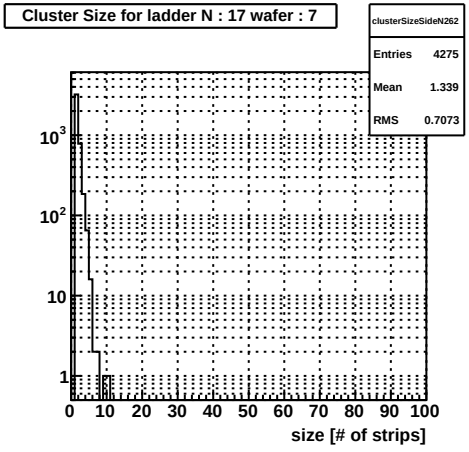

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5267
Mean 2.414
RMS 1.782
size [# of strips]

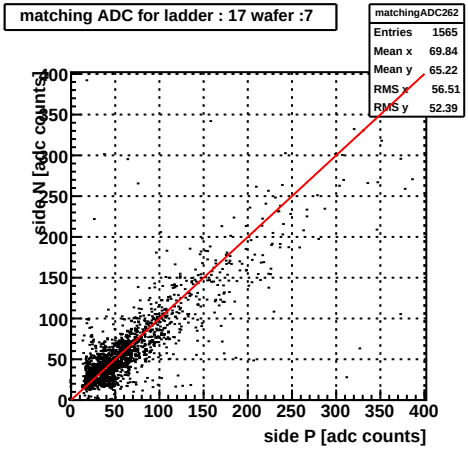

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 766
Mean x 64.36
Mean y 58.67
RMS x 55.99
RMS y 50.58
side N [adc counts]
side P [adc counts]

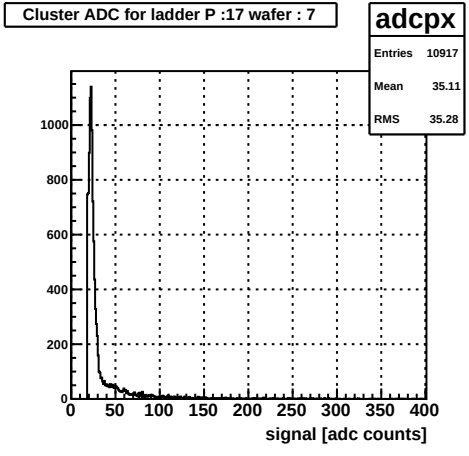

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 12760
Mean 29.75
RMS 26.9
signal [adc counts]

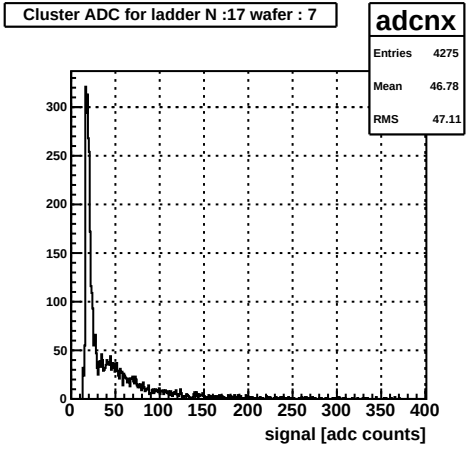

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5267
Mean 80.45
RMS 81.1
signal [adc counts]

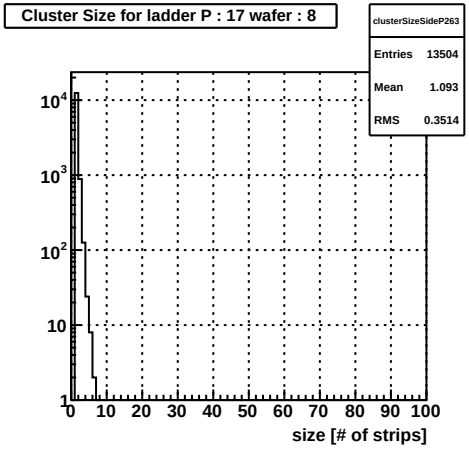

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10917
Mean 1.101
RMS 0.3657
size [# of strips]

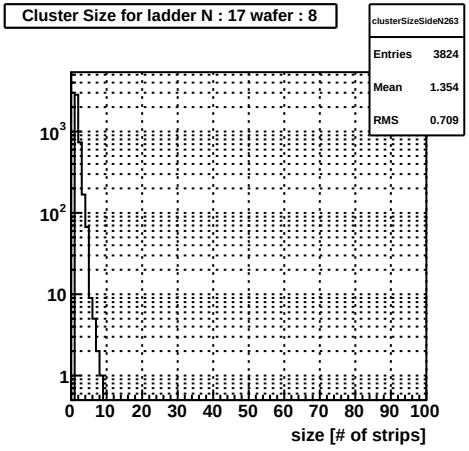

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4275
Mean 1.339
RMS 0.7073
size [# of strips]

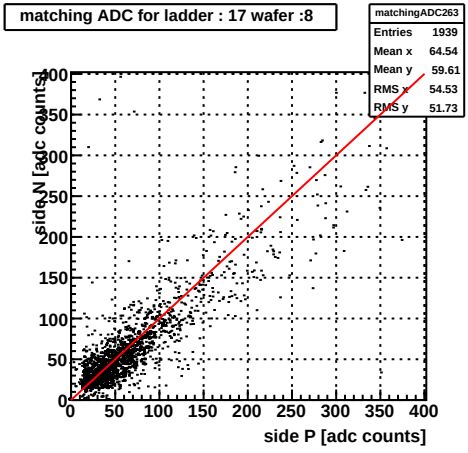

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1565
Mean x 69.84
Mean y 65.22
RMS x 56.51
RMS y 52.39
side N [adc counts]
side P [adc counts]

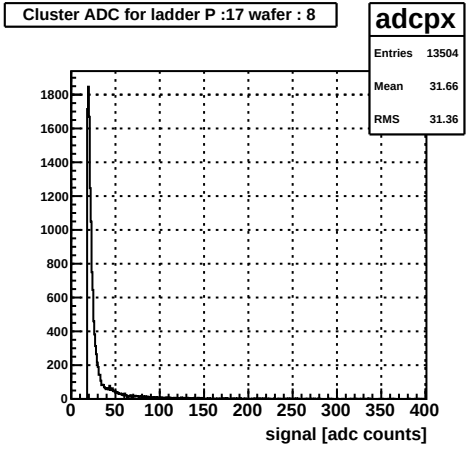

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10917
Mean 35.11
RMS 35.28
signal [adc counts]

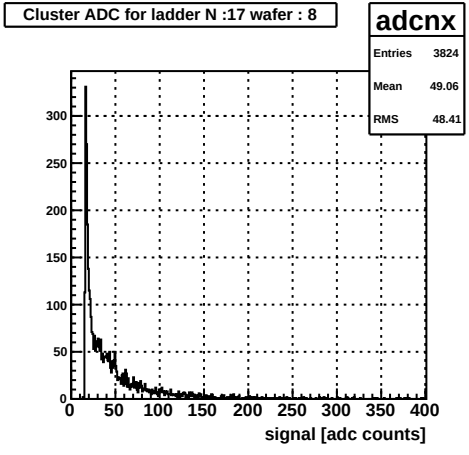

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4275
Mean 46.78
RMS 47.11
signal [adc counts]

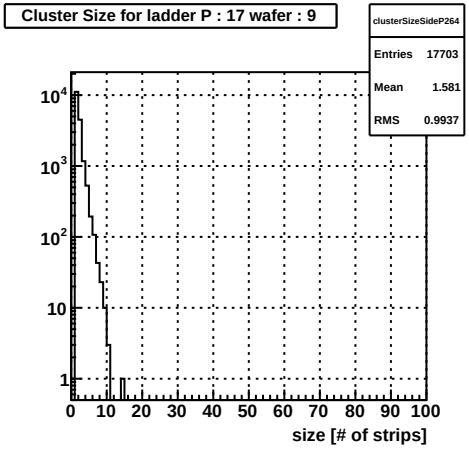

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13504
Mean 1.093
RMS 0.3514
size [# of strips]

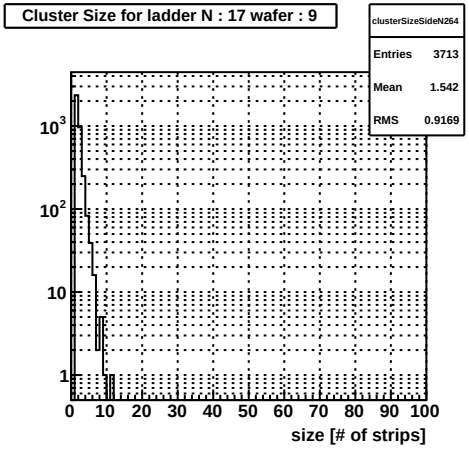

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3824
Mean 1.354
RMS 0.709
size [# of strips]

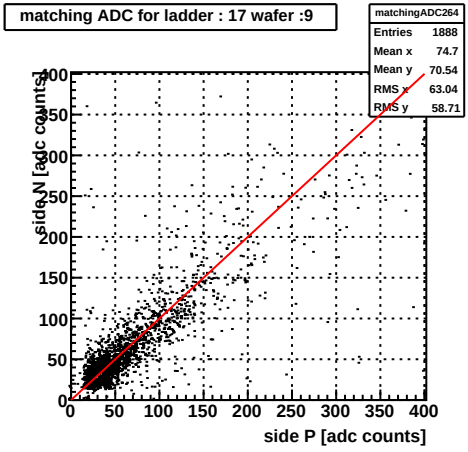

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1939
Mean x 64.54
Mean y 59.61
RMS x 54.53
RMS y 51.73
side N [adc counts]
side P [adc counts]

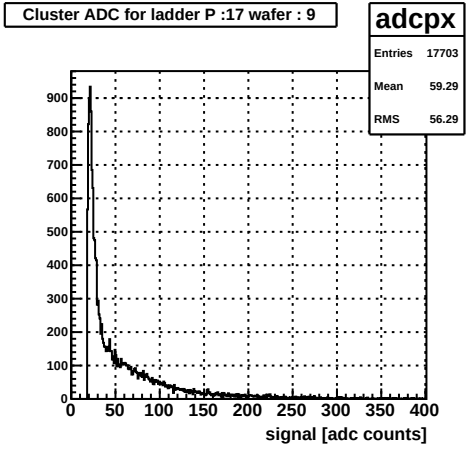

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13504
Mean 31.66
RMS 31.36
signal [adc counts]

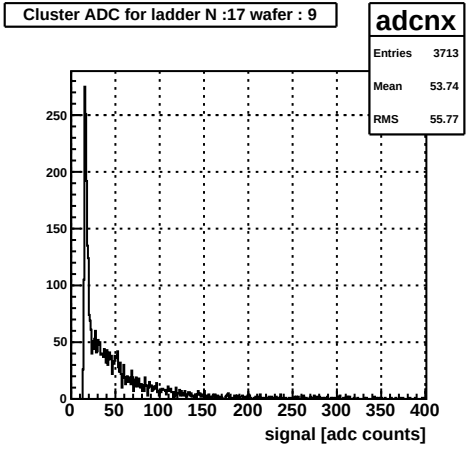

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3824
Mean 49.06
RMS 48.41
signal [adc counts]

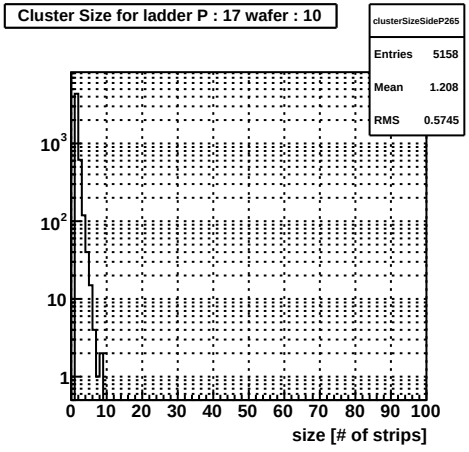

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17703
Mean 1.581
RMS 0.9937
size [# of strips]

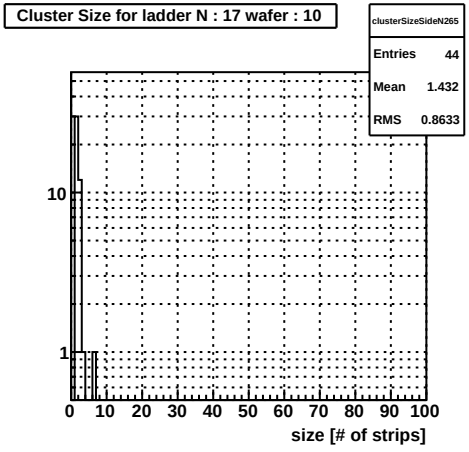

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3713
Mean 1.542
RMS 0.9169
size [# of strips]

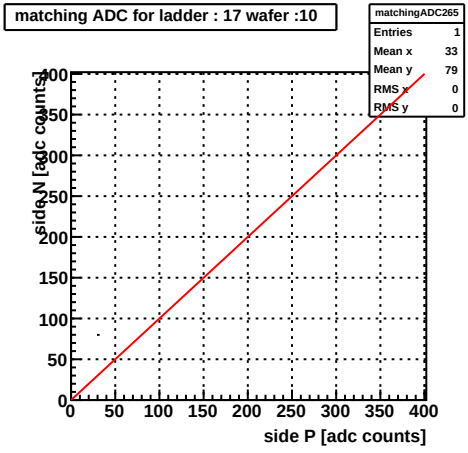

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1888
Mean x 74.7
Mean y 70.54
RMS x 63.04
RMS y 58.71
side N [adc counts]
side P [adc counts]

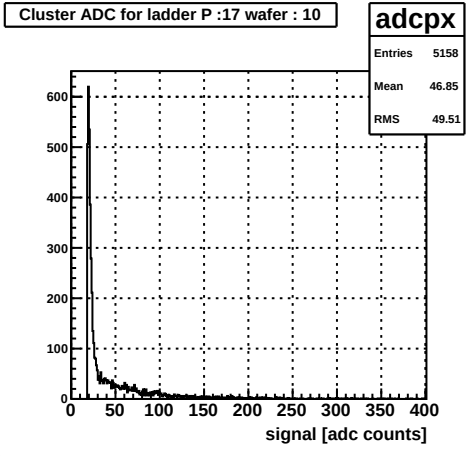

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17703
Mean 59.29
RMS 56.29
signal [adc counts]

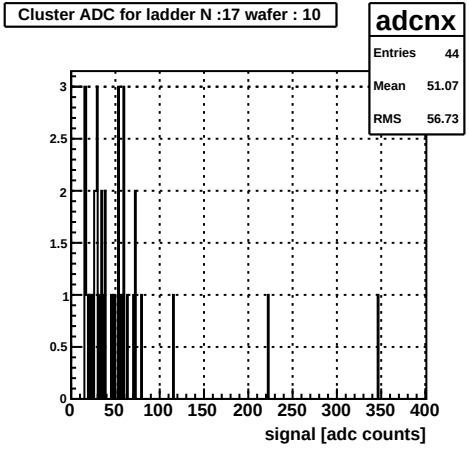

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3713
Mean 53.74
RMS 55.77
signal [adc counts]

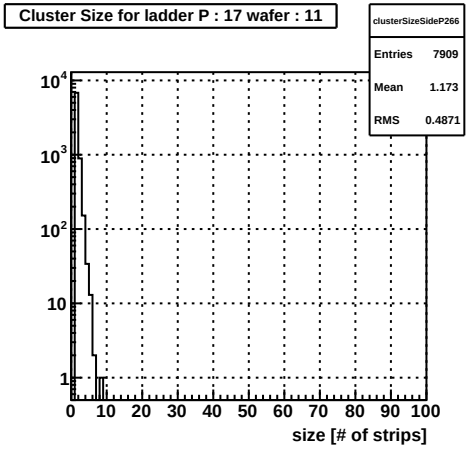

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5158
Mean 1.208
RMS 0.5745
size [# of strips]

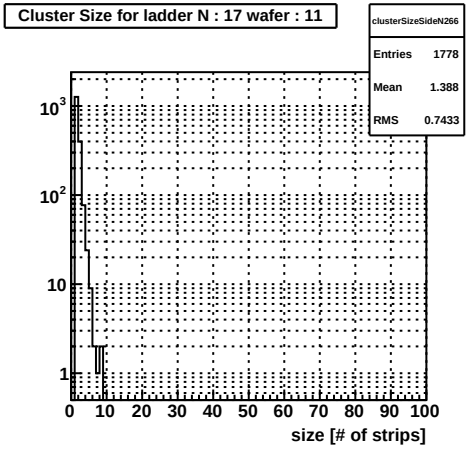

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 44
Mean 1.432
RMS 0.8633
size [# of strips]

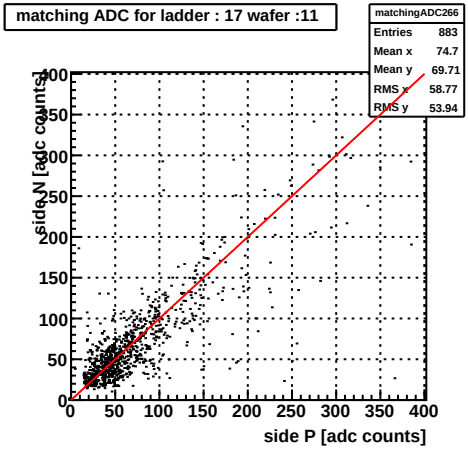

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 33
Mean y 79
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

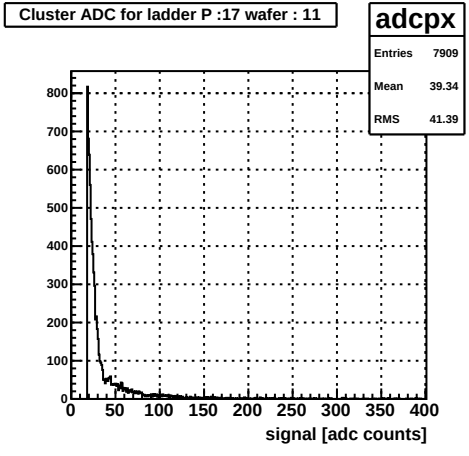

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5158
Mean 46.85
RMS 49.51
signal [adc counts]

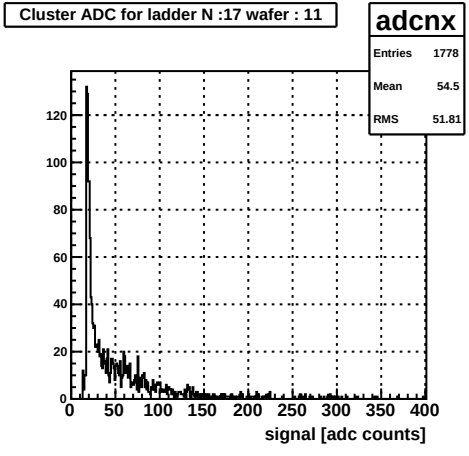

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 44
Mean 51.07
RMS 56.73
signal [adc counts]

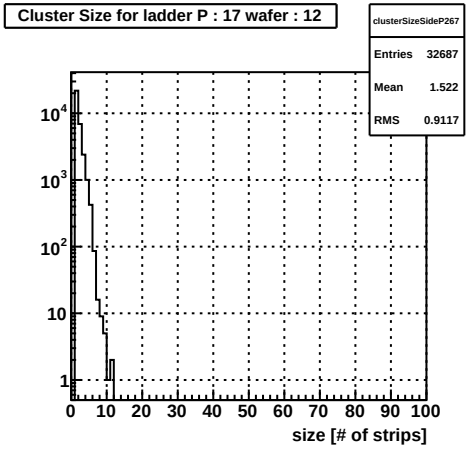

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7909
Mean 1.173
RMS 0.4871
size [# of strips]

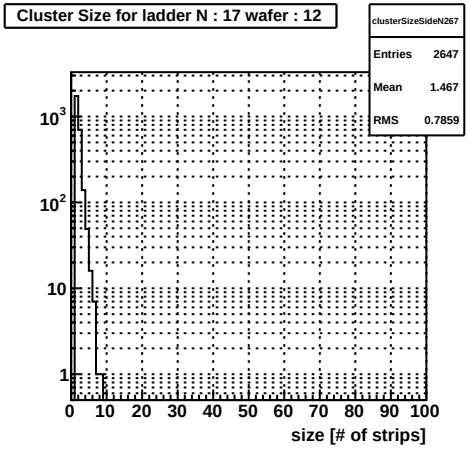

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1778
Mean 1.388
RMS 0.7433
size [# of strips]

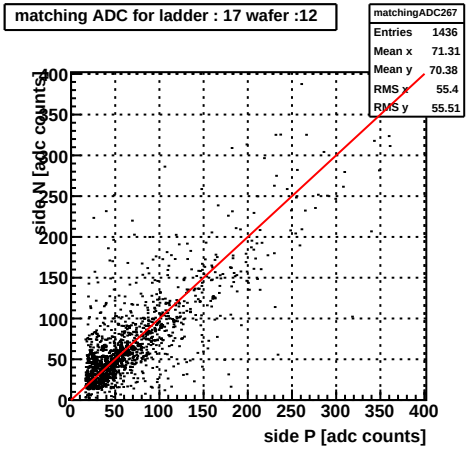

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 883
Mean x 74.7
Mean y 69.71
RMS x 58.77
RMS y 53.94
side N [adc counts]
side P [adc counts]

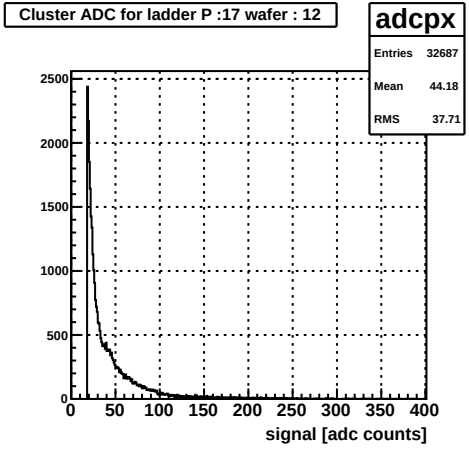

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7909
Mean 39.34
RMS 41.39
signal [adc counts]

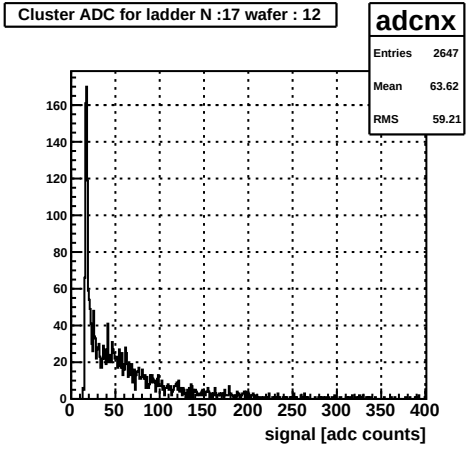

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1778
Mean 54.5
RMS 51.81
signal [adc counts]

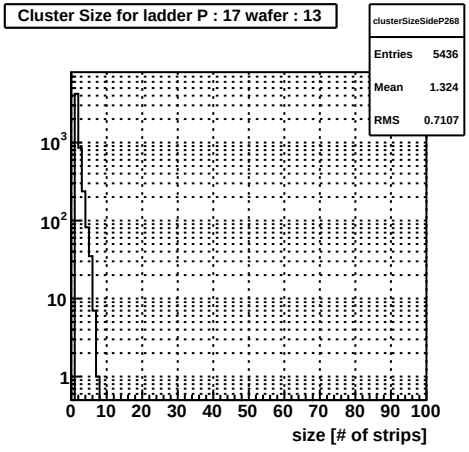

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 32687
Mean 1.522
RMS 0.9117
size [# of strips]

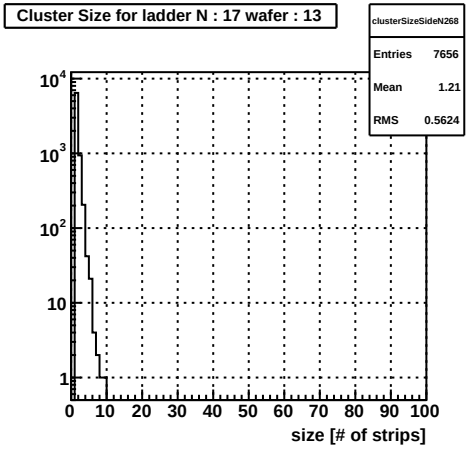

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2647
Mean 1.467
RMS 0.7859
size [# of strips]

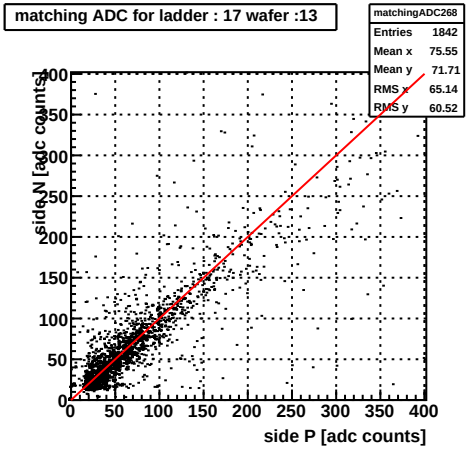

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1436
Mean x 71.31
Mean y 70.38
RMS x 55.4
RMS y 55.51
side N [adc counts]
side P [adc counts]

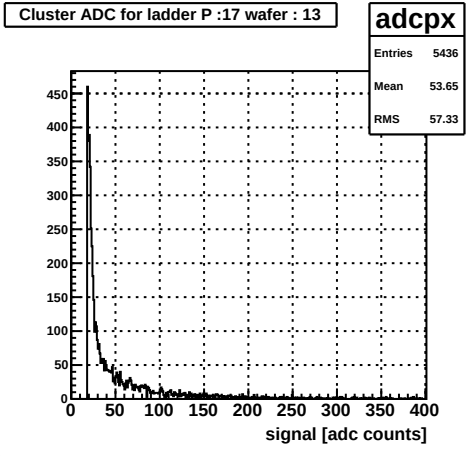

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 32687
Mean 44.18
RMS 37.71
signal [adc counts]

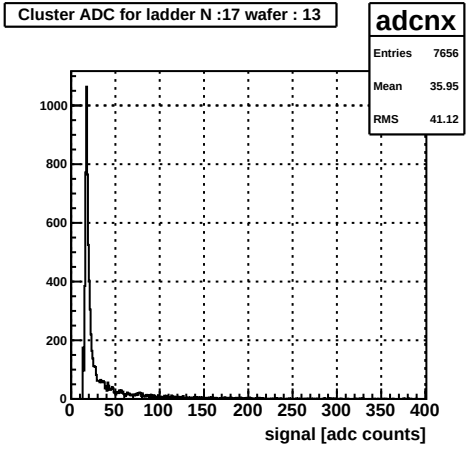

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2647
Mean 63.62
RMS 59.21
signal [adc counts]

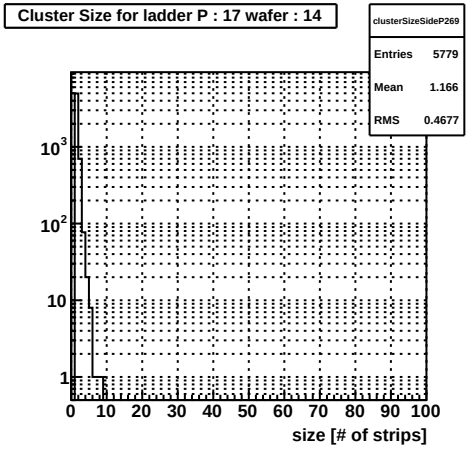

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5436
Mean 1.324
RMS 0.7107
size [# of strips]

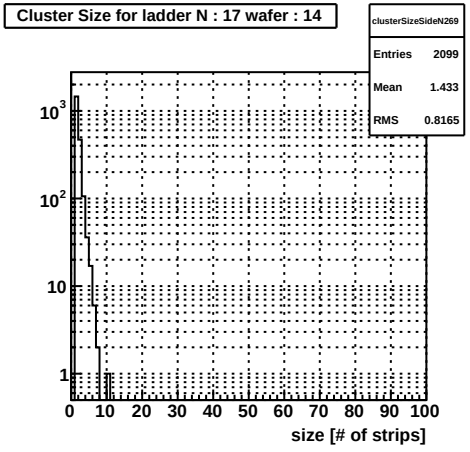

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7656
Mean 1.21
RMS 0.5624
size [# of strips]

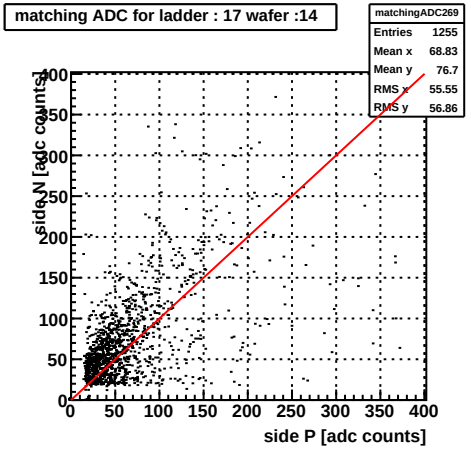

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1842
Mean x 75.55
Mean y 71.71
RMS x 65.14
RMS y 60.52
side N [adc counts]
side P [adc counts]

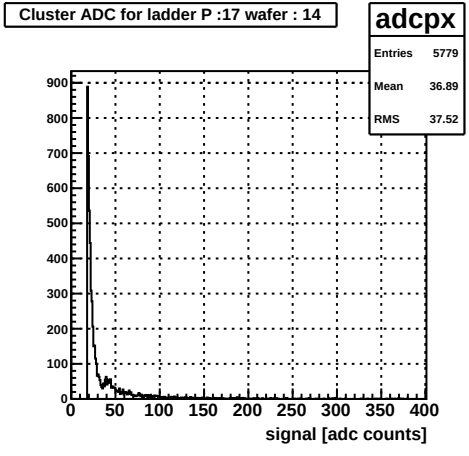

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5436
Mean 53.65
RMS 57.33
signal [adc counts]

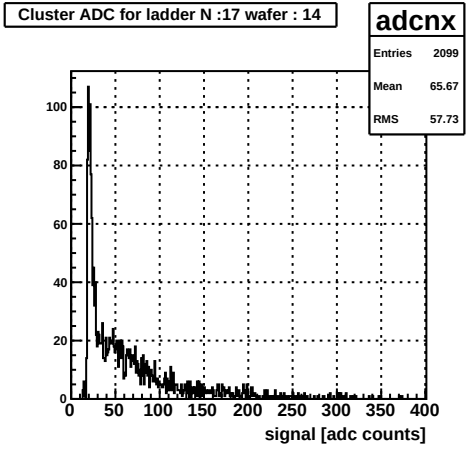

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7656
Mean 35.95
RMS 41.12
signal [adc counts]

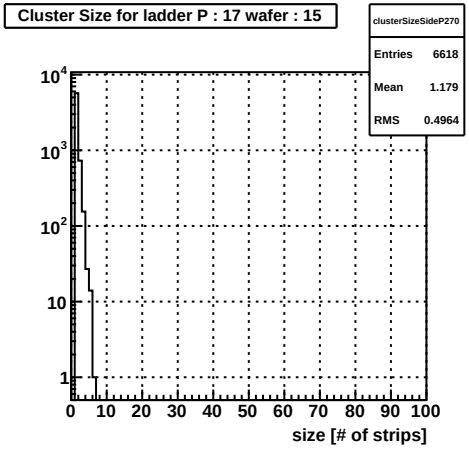

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5779
Mean 1.166
RMS 0.4677
size [# of strips]

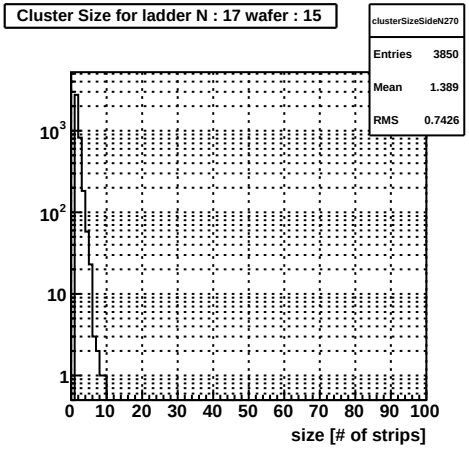

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2099
Mean 1.433
RMS 0.8165
size [# of strips]

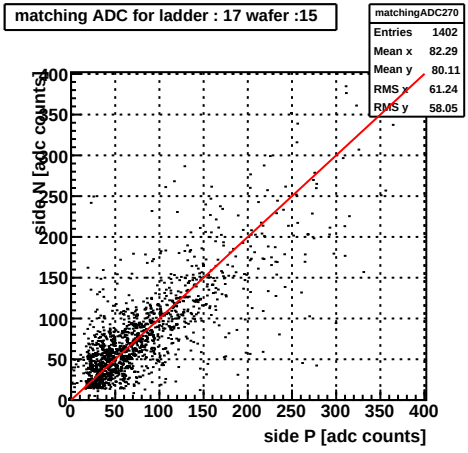

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1255
Mean x 68.83
Mean y 76.7
RMS x 55.55
RMS y 56.86
side N [adc counts]
side P [adc counts]

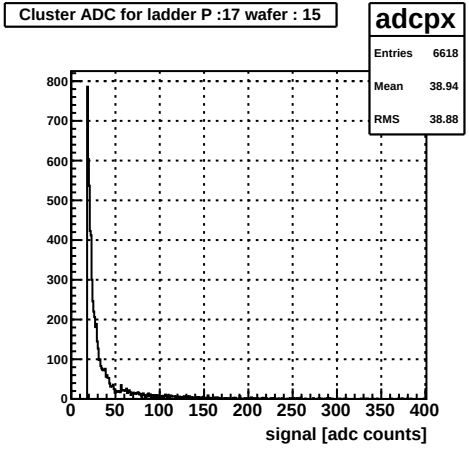

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5779
Mean 36.89
RMS 37.52
signal [adc counts]

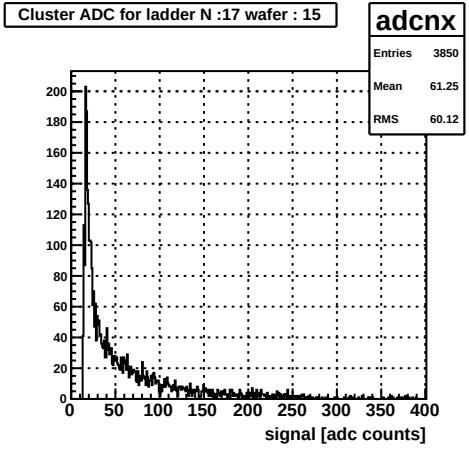

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2099
Mean 65.67
RMS 57.73
signal [adc counts]

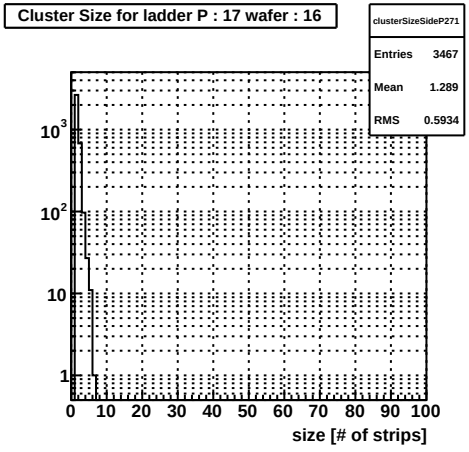

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6618
Mean 1.179
RMS 0.4964
size [# of strips]

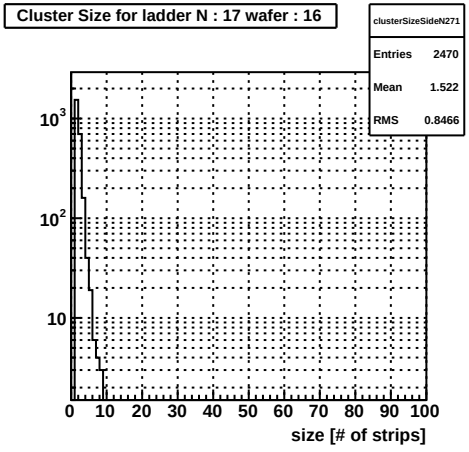

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3850
Mean 1.389
RMS 0.7426
size [# of strips]

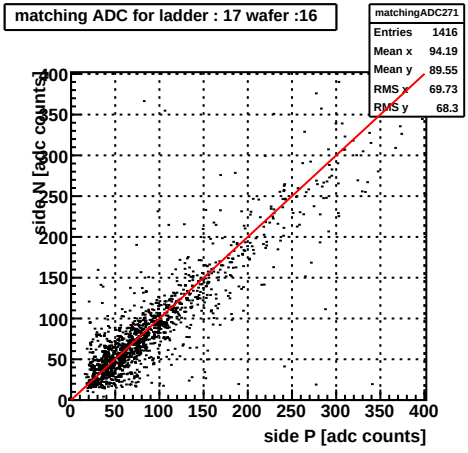

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1402
Mean x 82.29
Mean y 80.11
RMS x 61.24
RMS y 58.05
side N [adc counts]
side P [adc counts]

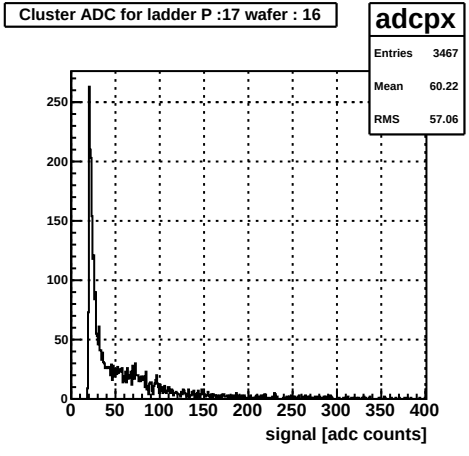

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6618
Mean 38.94
RMS 38.88
signal [adc counts]

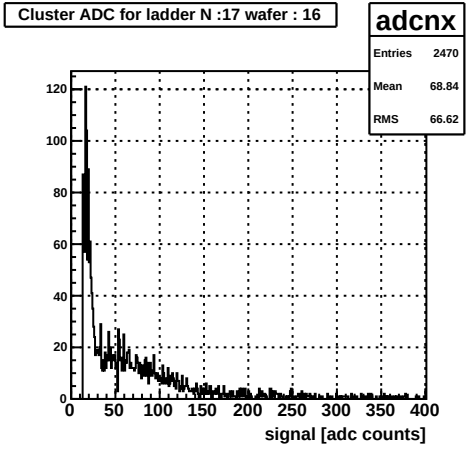

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3850
Mean 61.25
RMS 60.12
signal [adc counts]

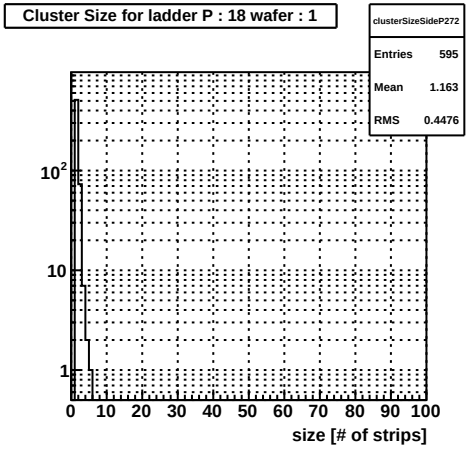

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3467
Mean 1.289
RMS 0.5934
size [# of strips]

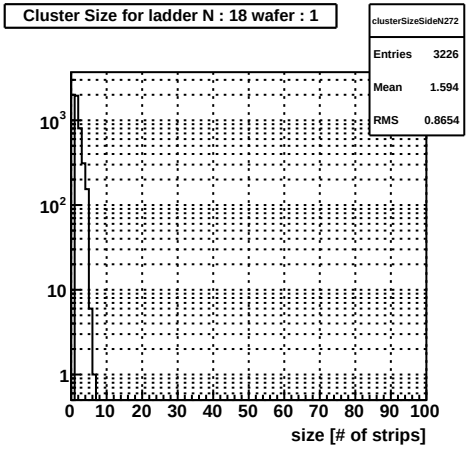

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2470
Mean 1.522
RMS 0.8466
size [# of strips]

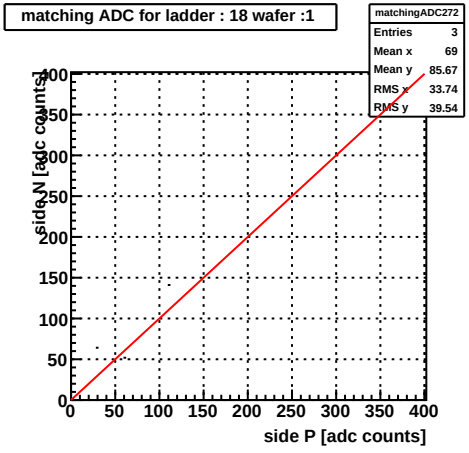

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1416
Mean x 94.19
Mean y 89.55
RMS x 69.73
RMS y 68.3
side N [adc counts]
side P [adc counts]

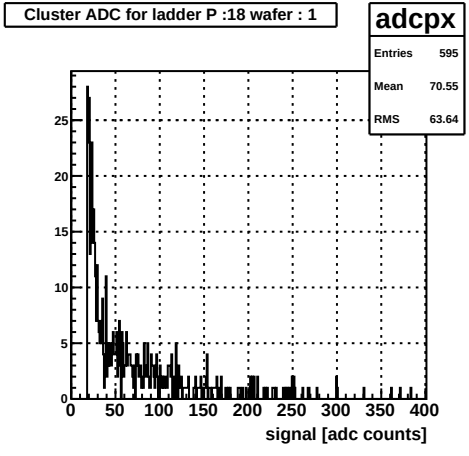

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3467
Mean 60.22
RMS 57.06
signal [adc counts]

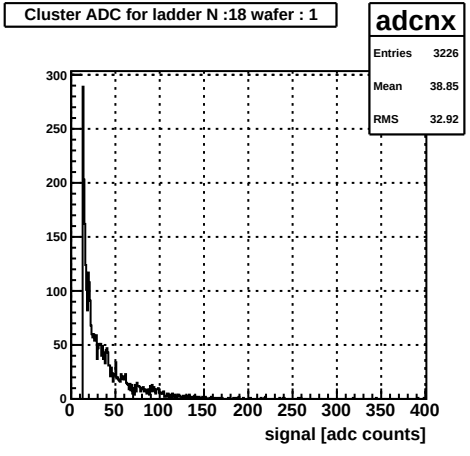

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2470
Mean 68.84
RMS 66.62
signal [adc counts]

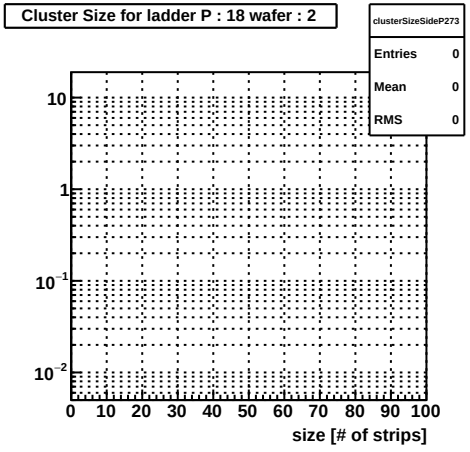

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 595
Mean 1.163
RMS 0.4476
size [# of strips]

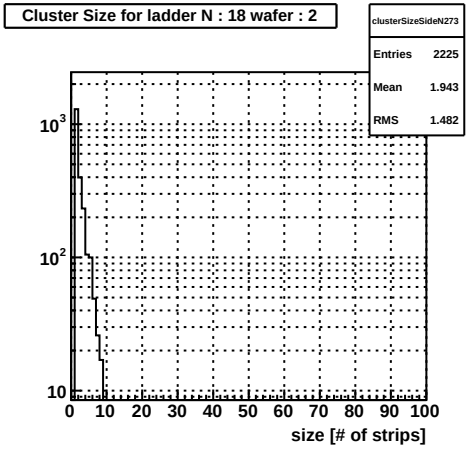

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3226
Mean 1.594
RMS 0.8654
size [# of strips]

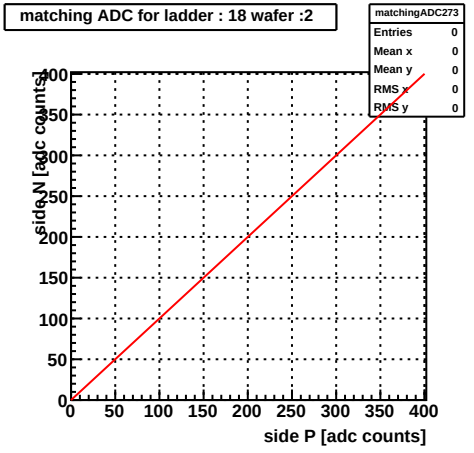

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 3
Mean x 69
Mean y 85.67
RMS x 33.74
RMS y 39.54
side N [adc counts]
side P [adc counts]

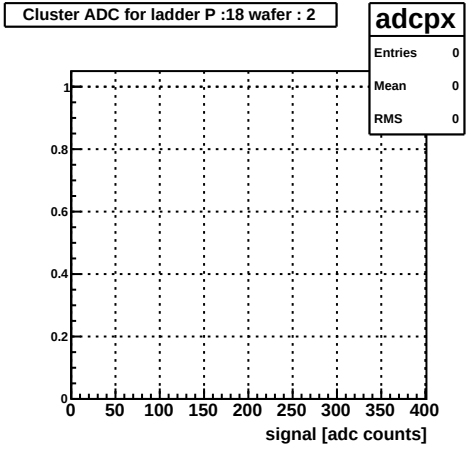

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 595
Mean 70.55
RMS 63.64
signal [adc counts]

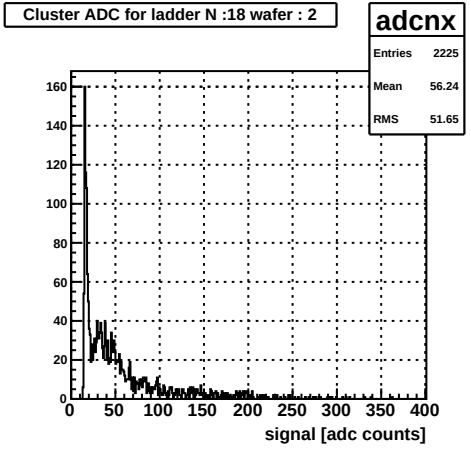

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3226
Mean 38.85
RMS 32.92
signal [adc counts]

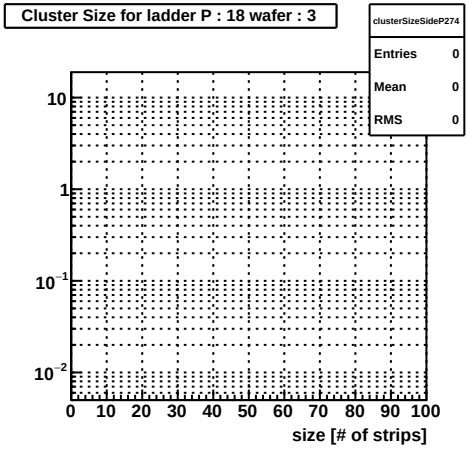

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

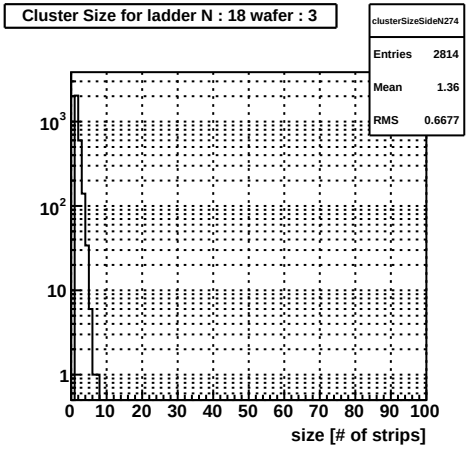

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2225
Mean 1.943
RMS 1.482
size [# of strips]

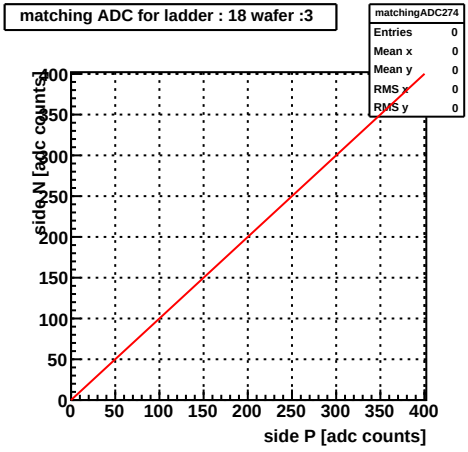

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

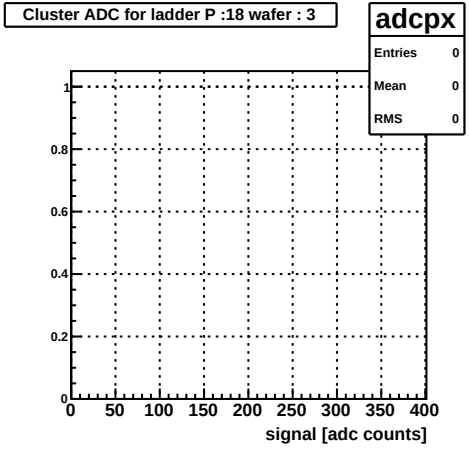

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

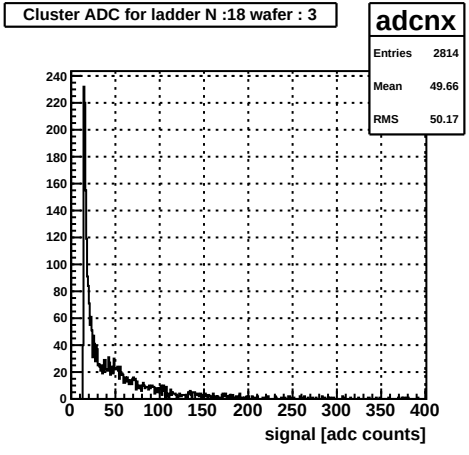

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2225
Mean 56.24
RMS 51.65
signal [adc counts]

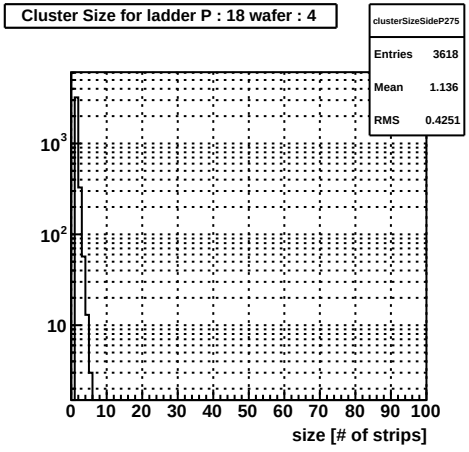

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

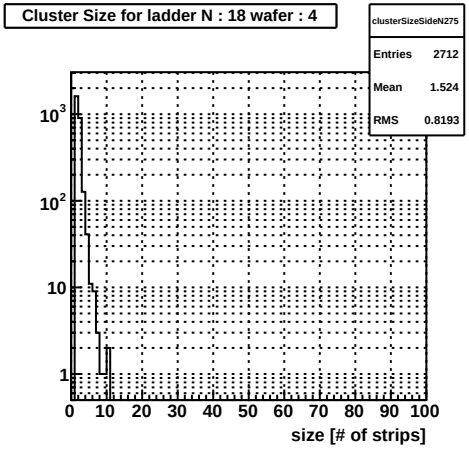

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2814
Mean 1.36
RMS 0.6677
size [# of strips]

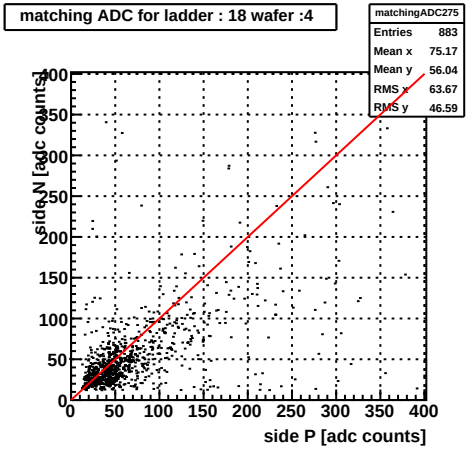

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

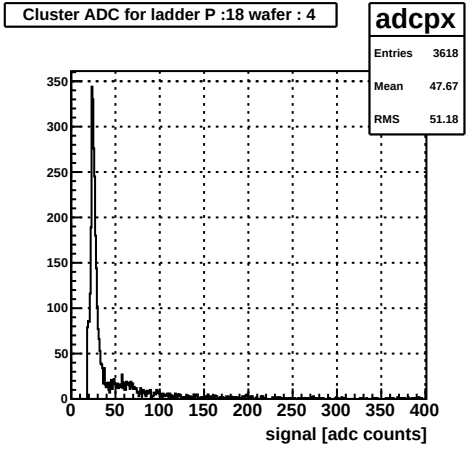

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

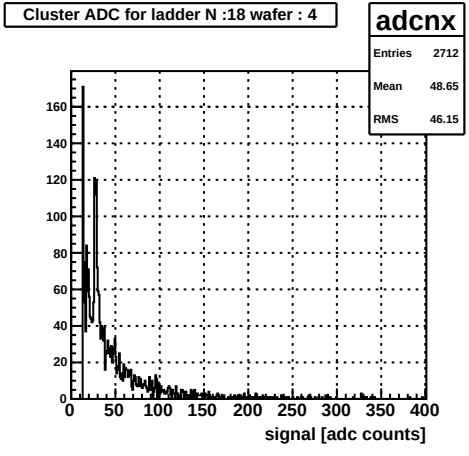

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2814
Mean 49.66
RMS 50.17
signal [adc counts]

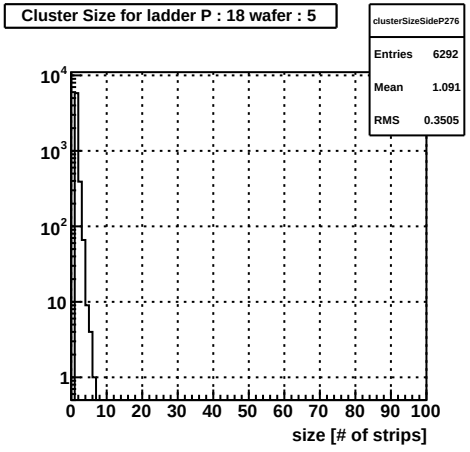

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3618
Mean 1.136
RMS 0.4251
size [# of strips]

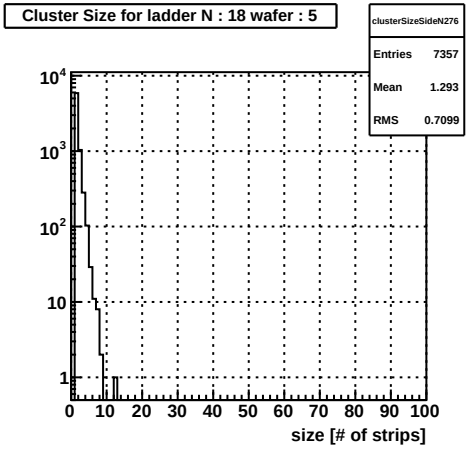

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2712
Mean 1.524
RMS 0.8193
size [# of strips]

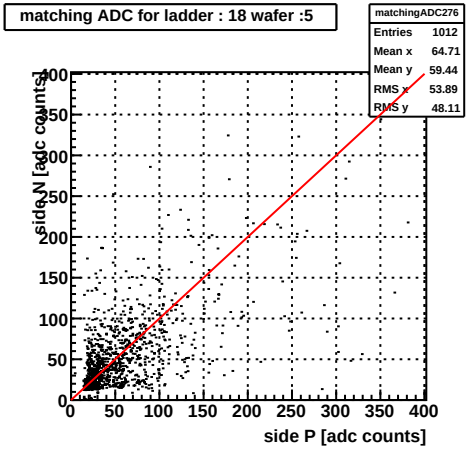

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 883
Mean x 75.17
Mean y 56.04
RMS x 63.67
RMS y 46.59
side N [adc counts]
side P [adc counts]

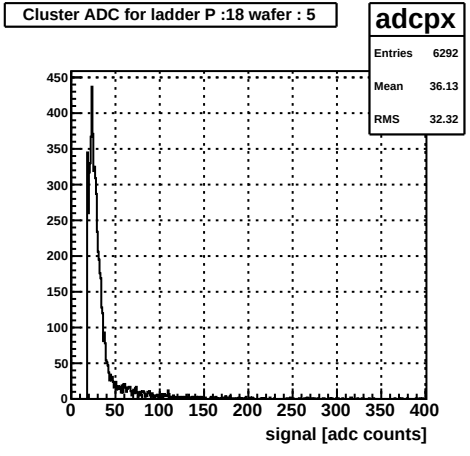

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3618
Mean 47.67
RMS 51.18
signal [adc counts]

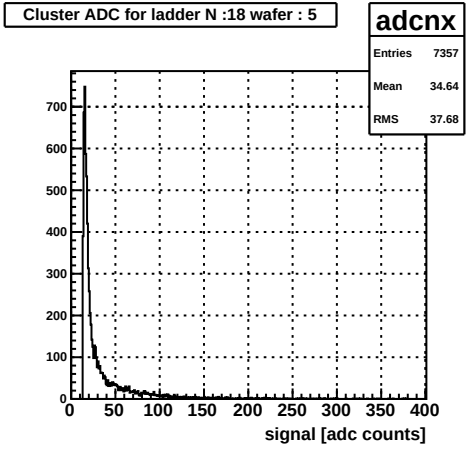

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2712
Mean 48.65
RMS 46.15
signal [adc counts]

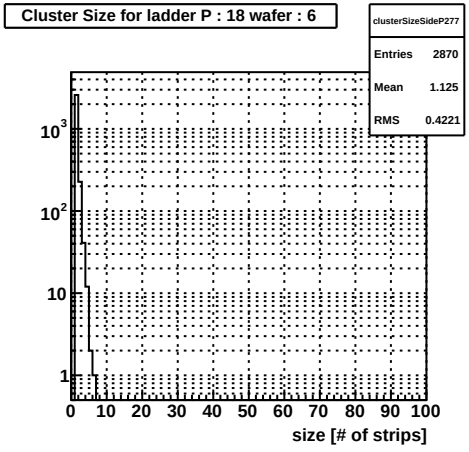

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6292
Mean 1.091
RMS 0.3505
size [# of strips]

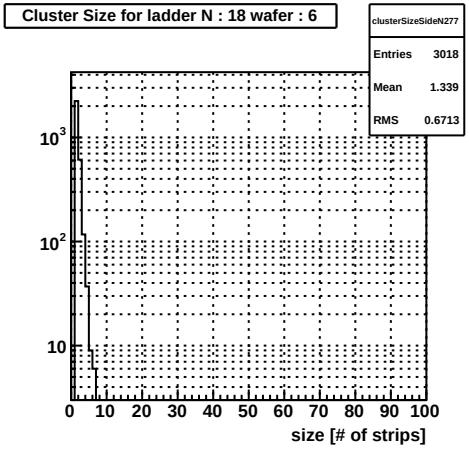

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7357
Mean 1.293
RMS 0.7099
size [# of strips]

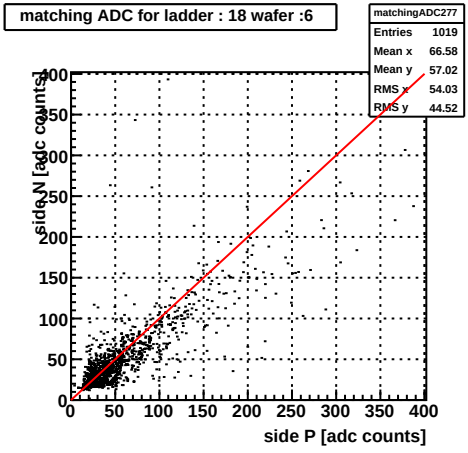

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1012
Mean x 64.71
Mean y 59.44
RMS x 53.89
RMS y 48.11
side N [adc counts]
side P [adc counts]

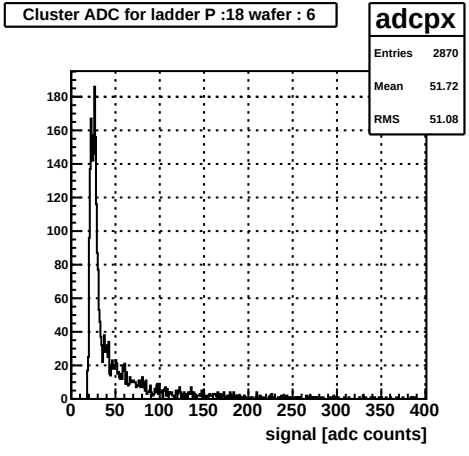

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6292
Mean 36.13
RMS 32.32
signal [adc counts]

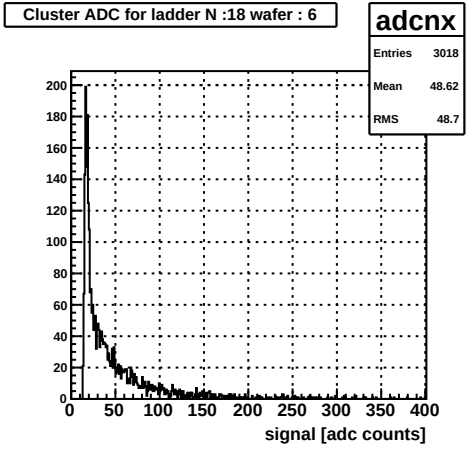

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7357
Mean 34.64
RMS 37.68
signal [adc counts]

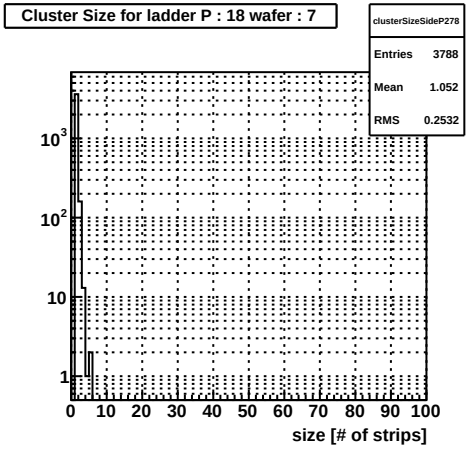

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2870
Mean 1.125
RMS 0.4221
size [# of strips]

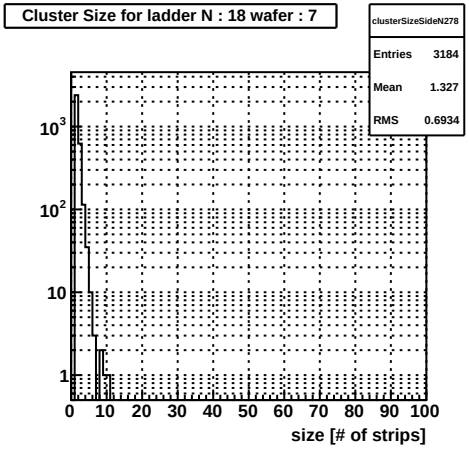

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3018
Mean 1.339
RMS 0.6713
size [# of strips]

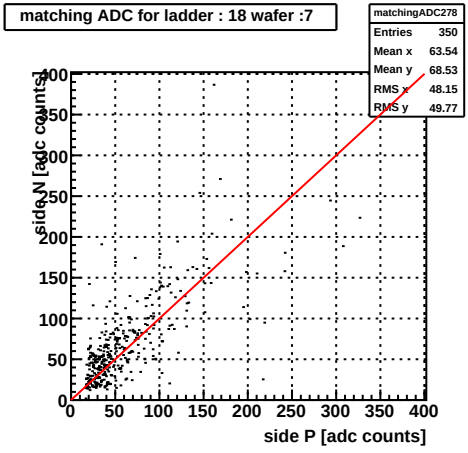

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1019
Mean x 66.58
Mean y 57.02
RMS x 54.03
RMS y 44.52
side N [adc counts]
side P [adc counts]

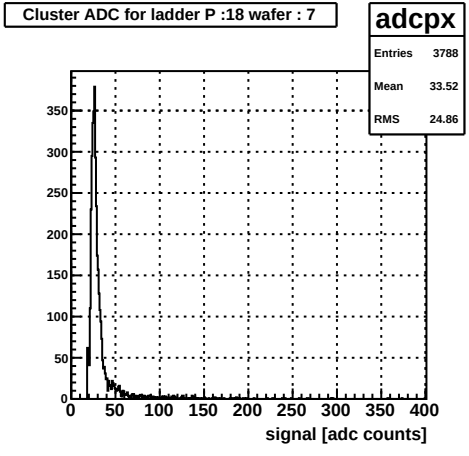

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2870
Mean 51.72
RMS 51.08
signal [adc counts]

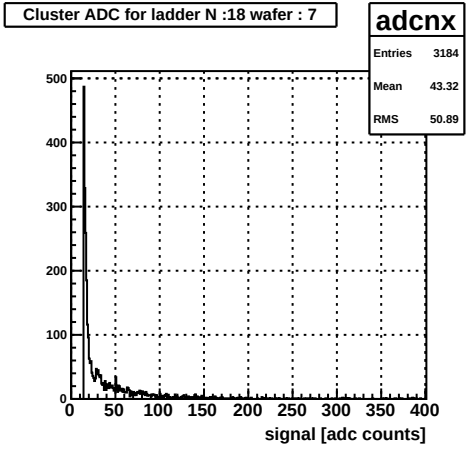

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3018
Mean 48.62
RMS 48.7
signal [adc counts]

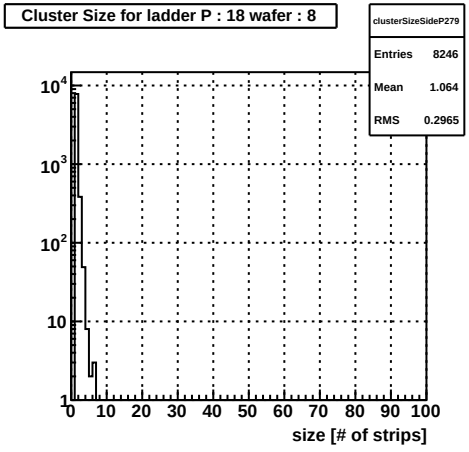

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3788
Mean 1.052
RMS 0.2532
size [# of strips]

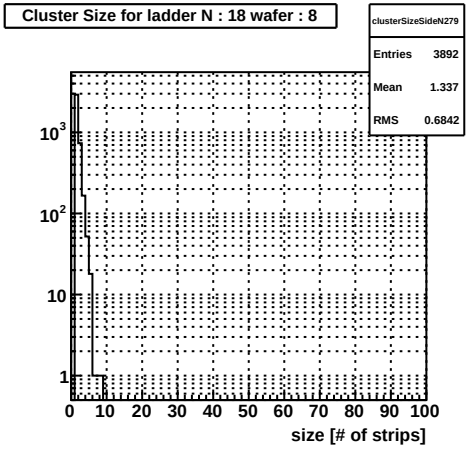

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3184
Mean 1.327
RMS 0.6934
size [# of strips]

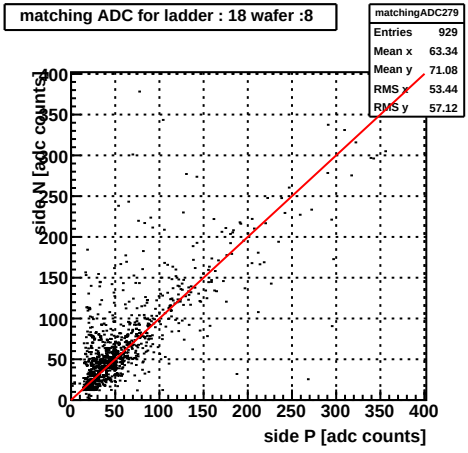

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 350
Mean x 63.54
Mean y 68.53
RMS x 48.15
RMS y 49.77
side N [adc counts]
side P [adc counts]

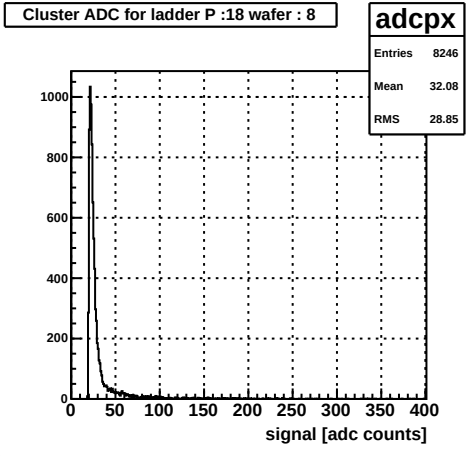

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3788
Mean 33.52
RMS 24.86
signal [adc counts]

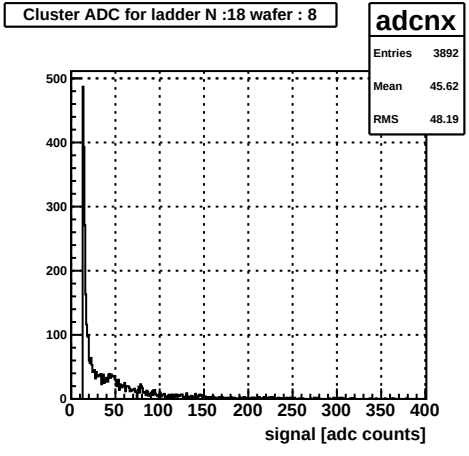

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3184
Mean 43.32
RMS 50.89
signal [adc counts]

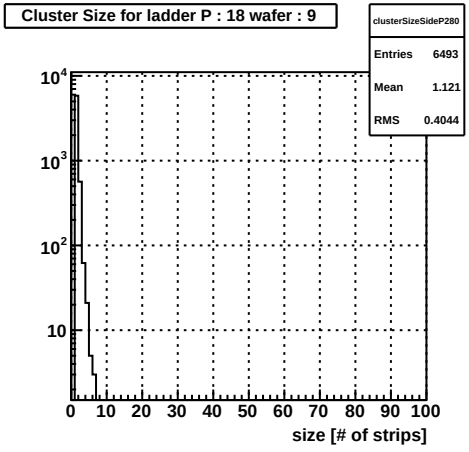

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8246
Mean 1.064
RMS 0.2965
size [# of strips]

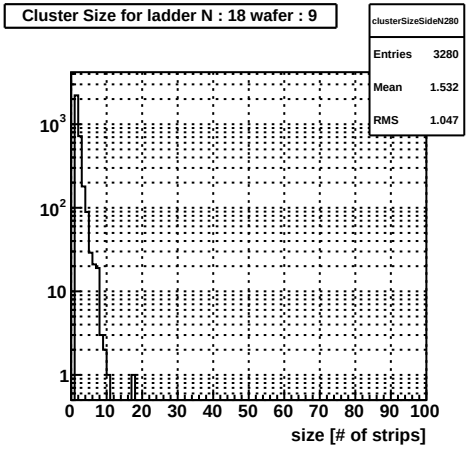

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3892
Mean 1.337
RMS 0.6842
size [# of strips]

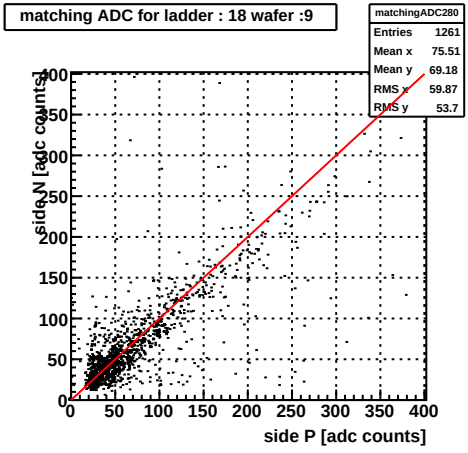

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 929
Mean x 63.34
Mean y 71.08
RMS x 53.44
RMS y 57.12
side N [adc counts]
side P [adc counts]

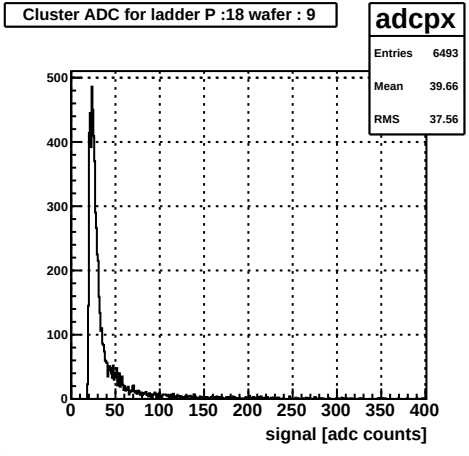

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8246
Mean 32.08
RMS 28.85
signal [adc counts]

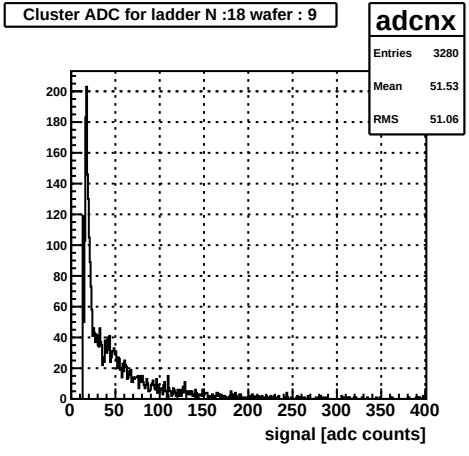

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3892
Mean 45.62
RMS 48.19
signal [adc counts]

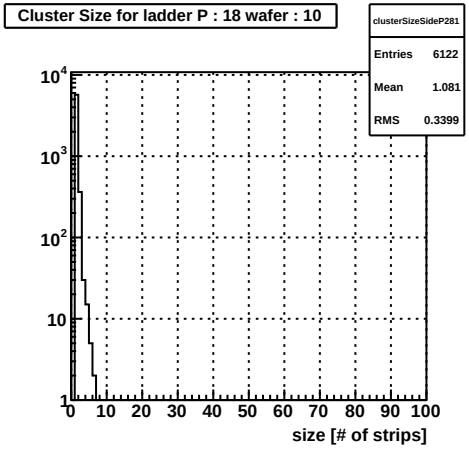

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6493
Mean 1.121
RMS 0.4044
size [# of strips]

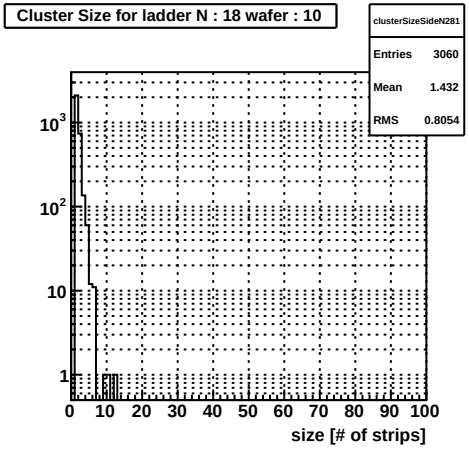

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3280
Mean 1.532
RMS 1.047
size [# of strips]

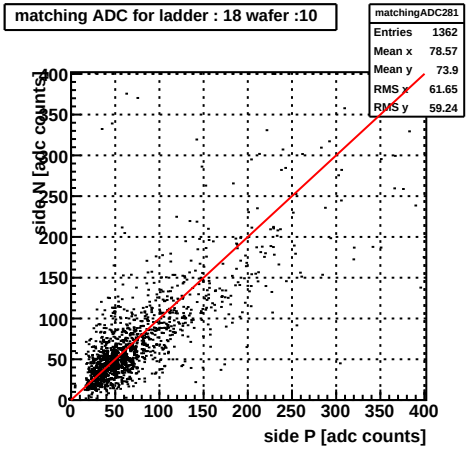

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1261
Mean x 75.51
Mean y 69.18
RMS x 59.87
RMS y 53.7
side N [adc counts]
side P [adc counts]

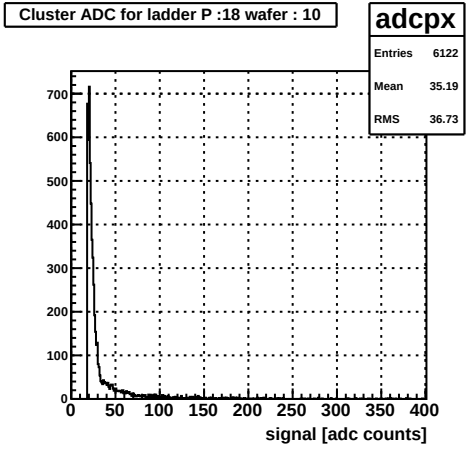

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6493
Mean 39.66
RMS 37.56
signal [adc counts]

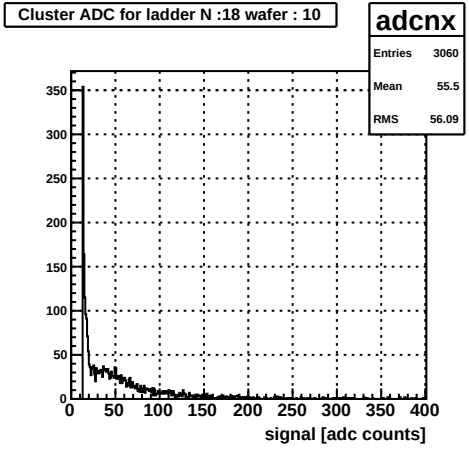

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3280
Mean 51.53
RMS 51.06
signal [adc counts]

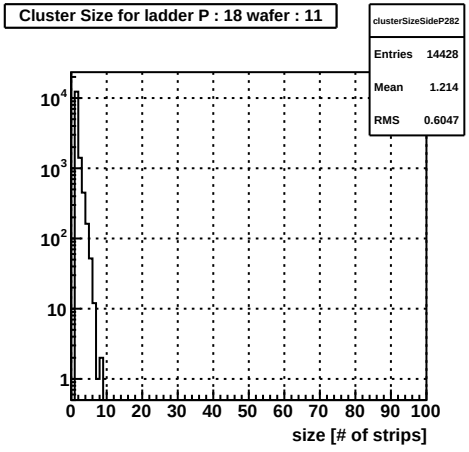

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6122
Mean 1.081
RMS 0.3399
size [# of strips]

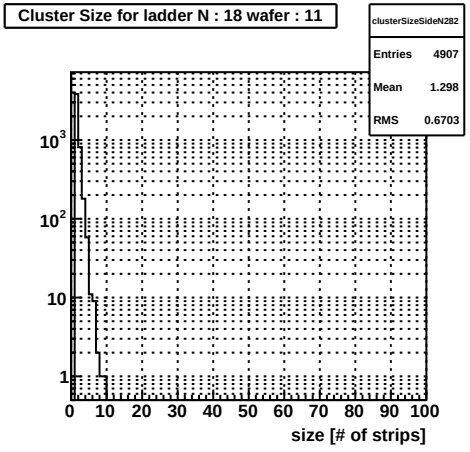

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3060
Mean 1.432
RMS 0.8054
size [# of strips]

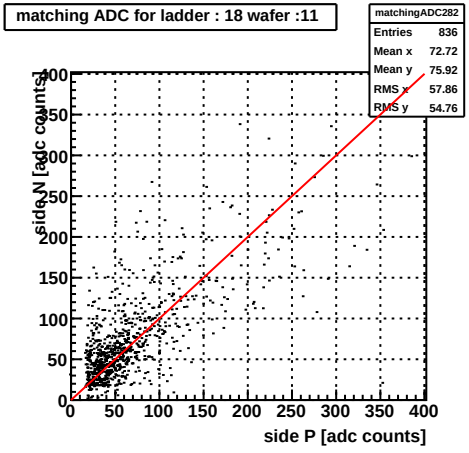

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1362
Mean x 78.57
Mean y 73.9
RMS x 61.65
RMS y 59.24
side N [adc counts]
side P [adc counts]

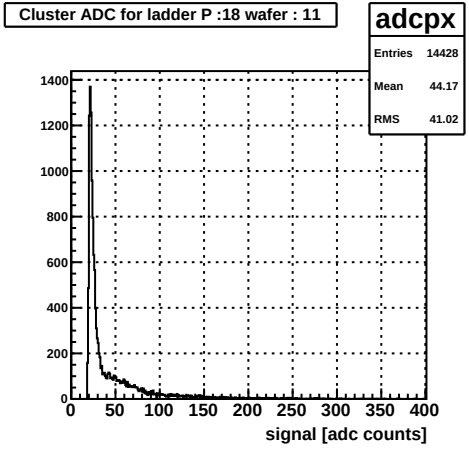

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6122
Mean 35.19
RMS 36.73
signal [adc counts]

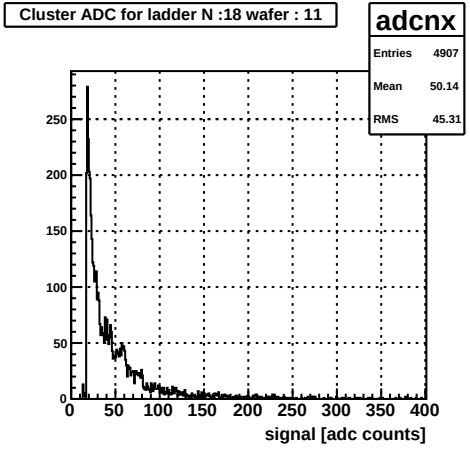

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3060
Mean 55.5
RMS 56.09
signal [adc counts]

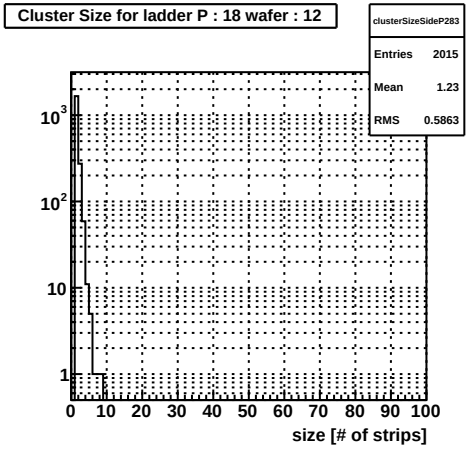

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14428
Mean 1.214
RMS 0.6047
size [# of strips]

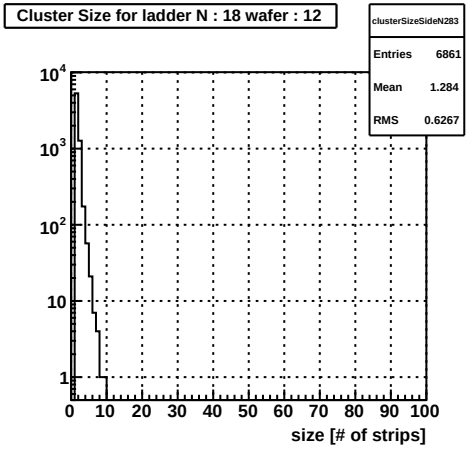

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4907
Mean 1.298
RMS 0.6703
size [# of strips]

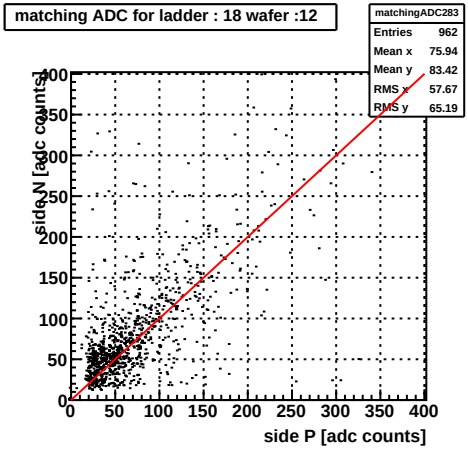

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 836
Mean x 72.72
Mean y 75.92
RMS x 57.86
RMS y 54.76
side N [adc counts]
side P [adc counts]

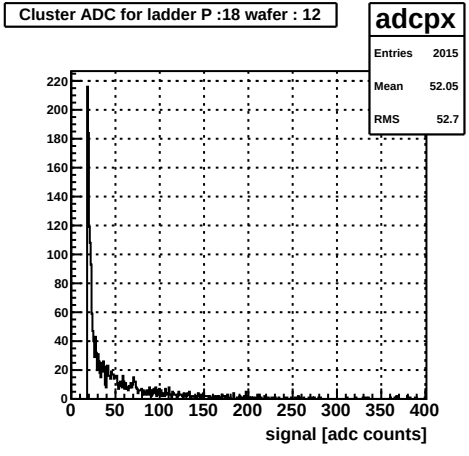

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14428
Mean 44.17
RMS 41.02
signal [adc counts]

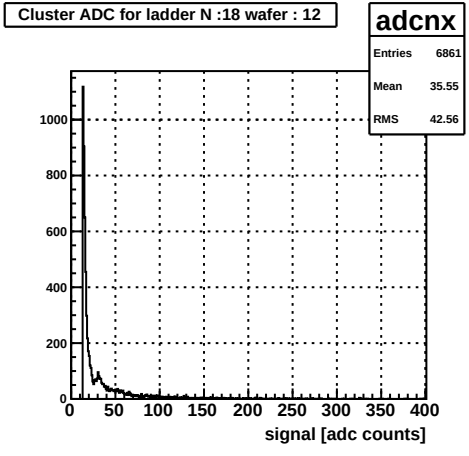

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4907
Mean 50.14
RMS 45.31
signal [adc counts]

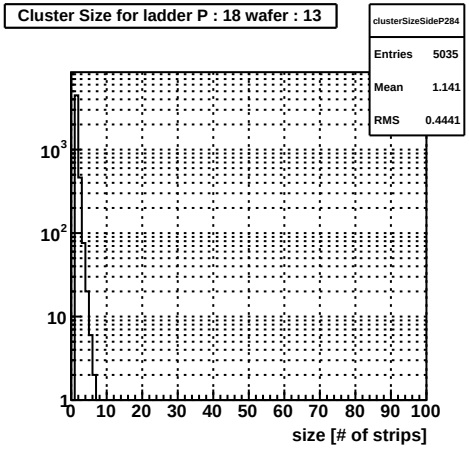

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2015
Mean 1.23
RMS 0.5863
size [# of strips]

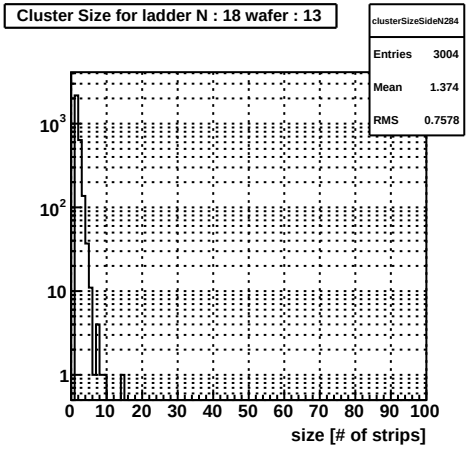

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6861
Mean 1.284
RMS 0.6267
size [# of strips]

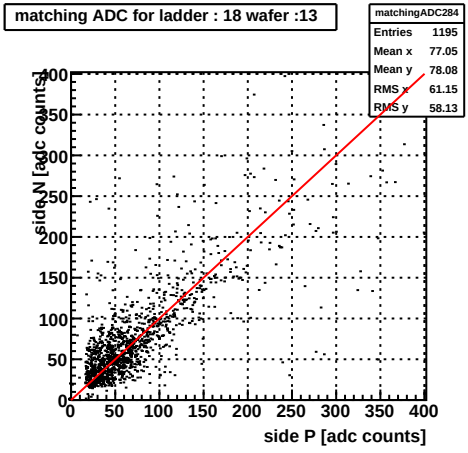

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 962
Mean x 75.94
Mean y 83.42
RMS x 57.67
RMS y 65.19
side N [adc counts]
side P [adc counts]

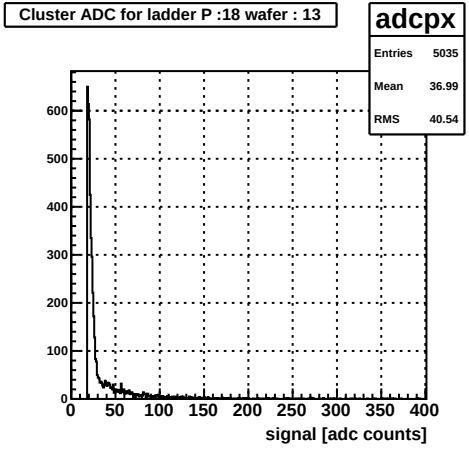

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2015
Mean 52.05
RMS 52.7
signal [adc counts]

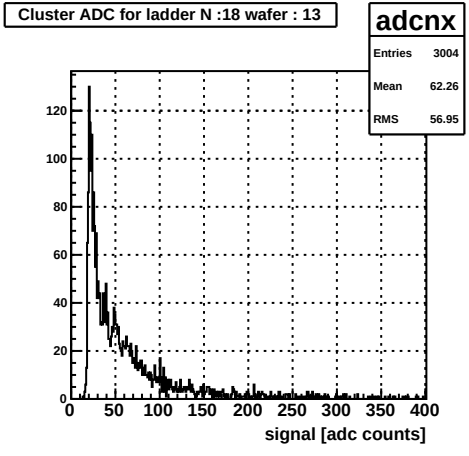

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6861
Mean 35.55
RMS 42.56
signal [adc counts]

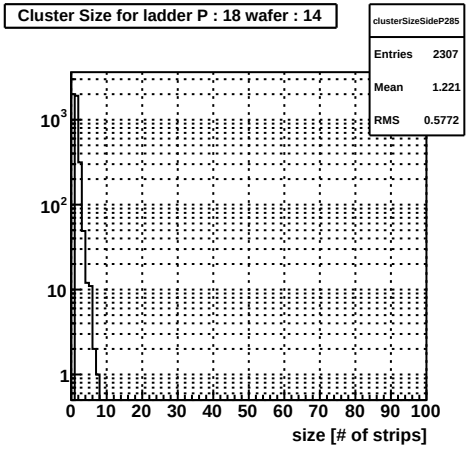

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5035
Mean 1.141
RMS 0.4441
size [# of strips]

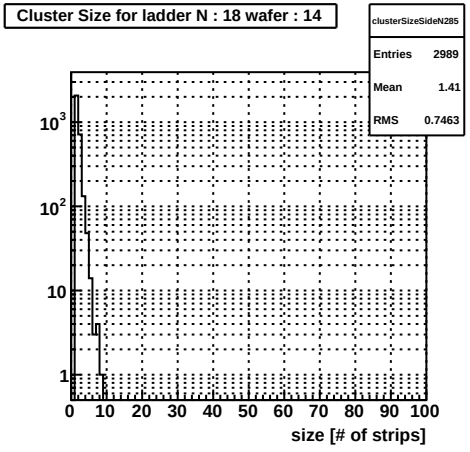

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3004
Mean 1.374
RMS 0.7578
size [# of strips]

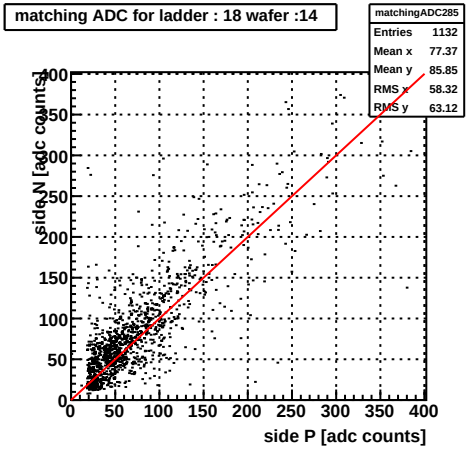

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1195
Mean x 77.05
Mean y 78.08
RMS x 61.15
RMS y 58.13
side N [adc counts]
side P [adc counts]

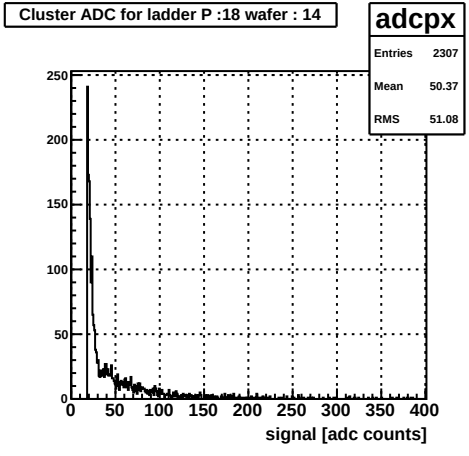

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5035
Mean 36.99
RMS 40.54
signal [adc counts]

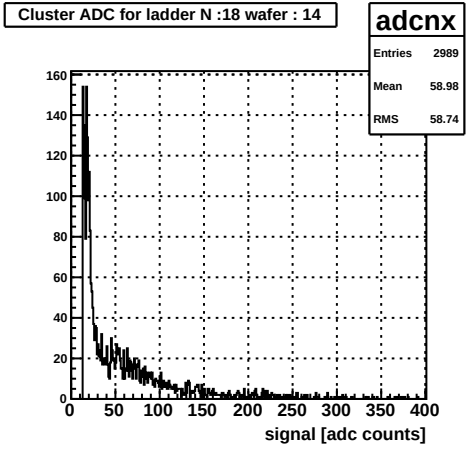

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3004
Mean 62.26
RMS 56.95
signal [adc counts]

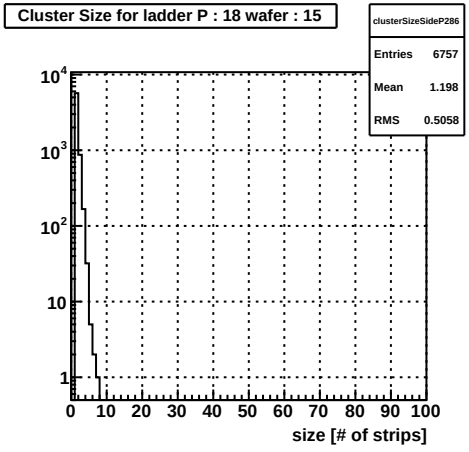

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2307
Mean 1.221
RMS 0.5772
size [# of strips]

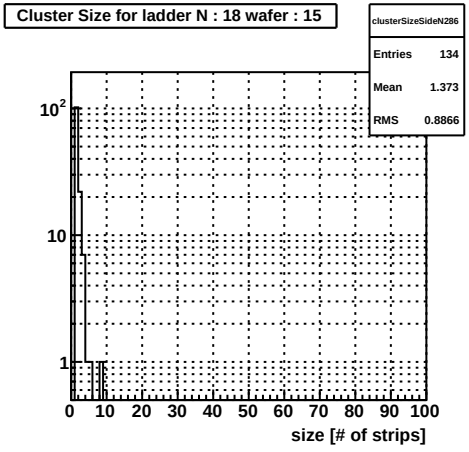

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2989
Mean 1.41
RMS 0.7463
size [# of strips]

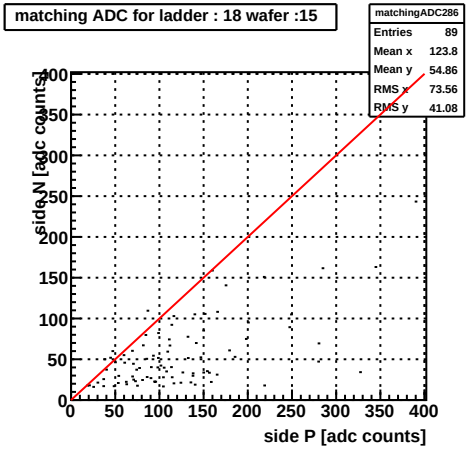

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1132
Mean x 77.37
Mean y 85.85
RMS x 58.32
RMS y 63.12
side N [adc counts]
side P [adc counts]

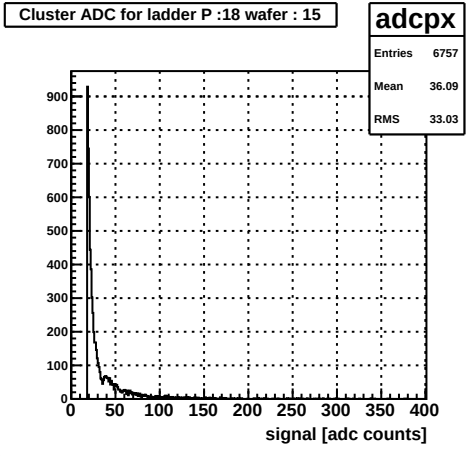

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2307
Mean 50.37
RMS 51.08
signal [adc counts]

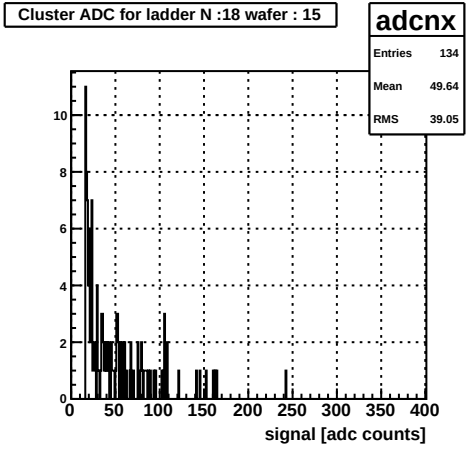

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2989
Mean 58.98
RMS 58.74
signal [adc counts]

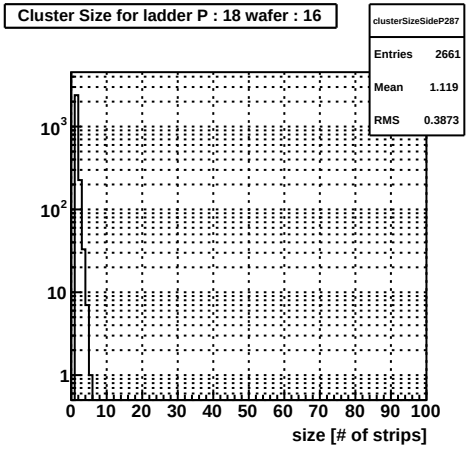

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 6757
Mean 1.198
RMS 0.5058
size [# of strips]

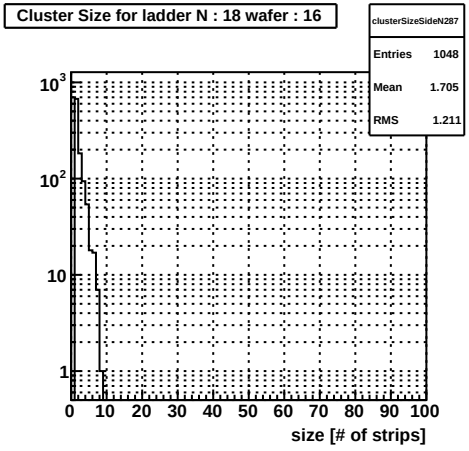

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 134
Mean 1.373
RMS 0.8866
size [# of strips]

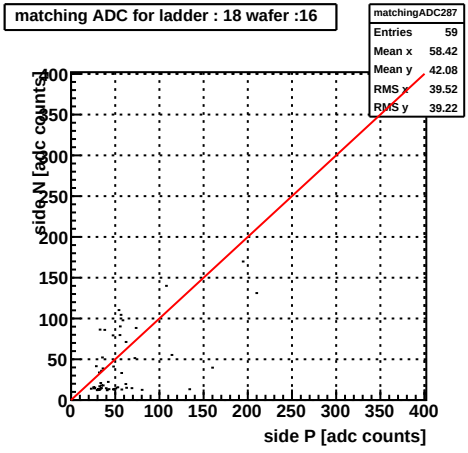

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 89
Mean x 123.8
Mean y 54.86
RMS x 73.56
RMS y 41.08
side N [adc counts]
side P [adc counts]

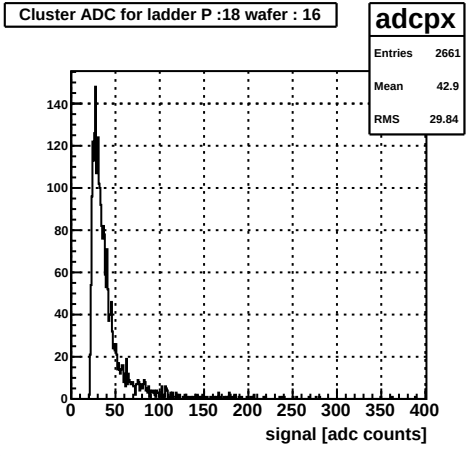

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 6757
Mean 36.09
RMS 33.03
signal [adc counts]

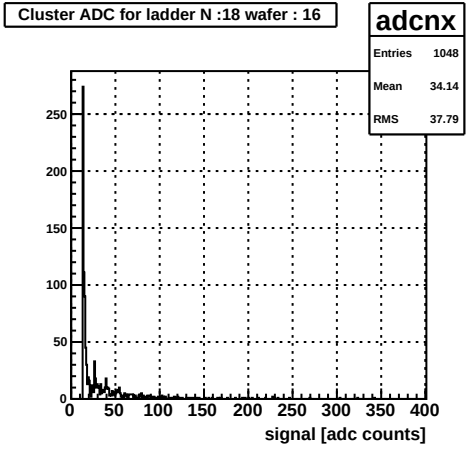

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 134
Mean 49.64
RMS 39.05
signal [adc counts]

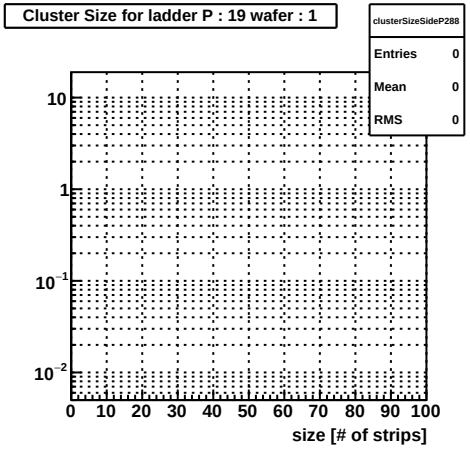

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2661
Mean 1.119
RMS 0.3873
size [# of strips]

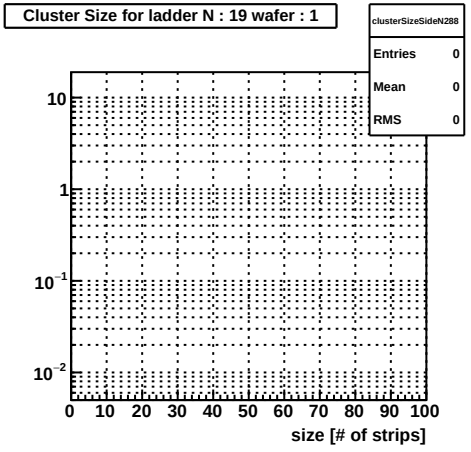

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1048
Mean 1.705
RMS 1.211
size [# of strips]

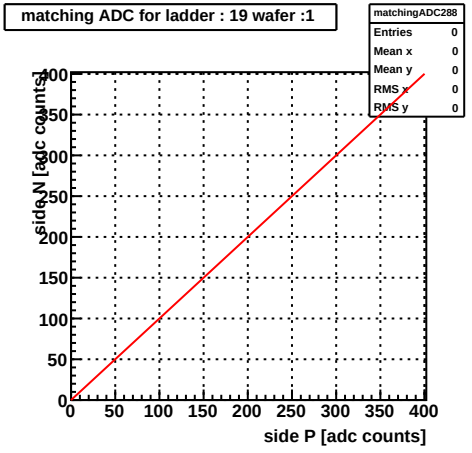

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 59
Mean x 58.42
Mean y 42.08
RMS x 39.52
RMS y 39.22
side N [adc counts]
side P [adc counts]

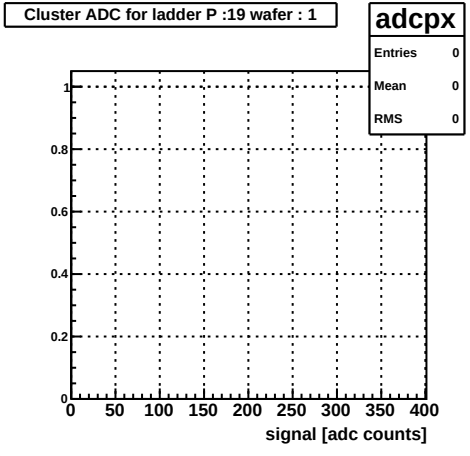

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2661
Mean 42.9
RMS 29.84
signal [adc counts]

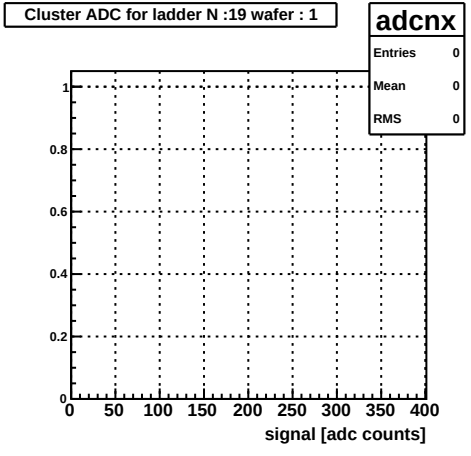

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1048
Mean 34.14
RMS 37.79
signal [adc counts]

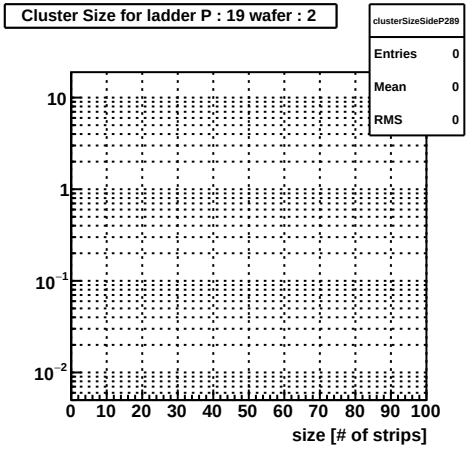

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

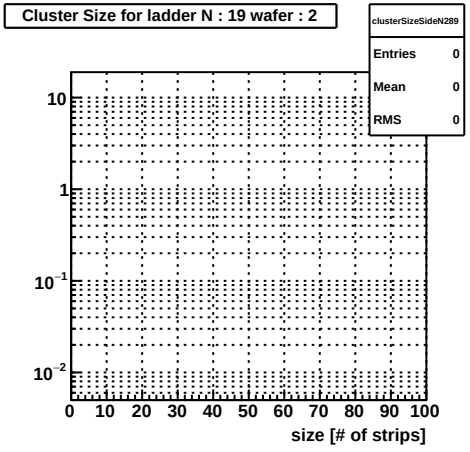

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

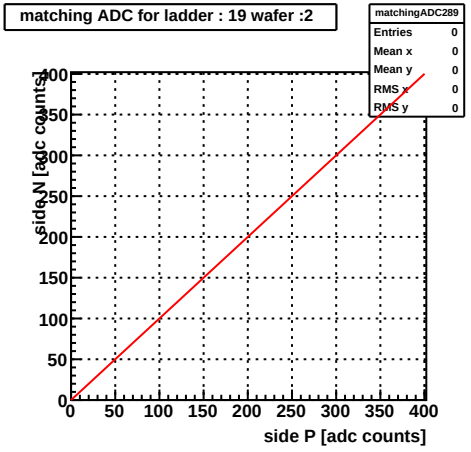

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

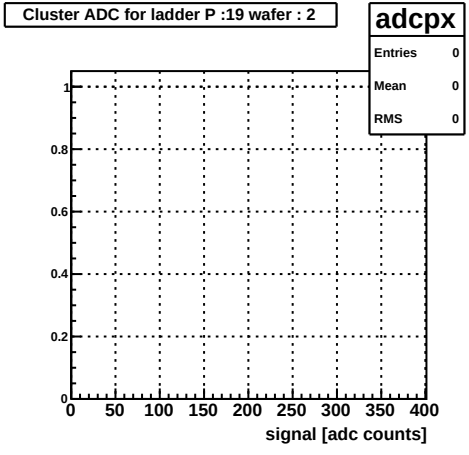

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

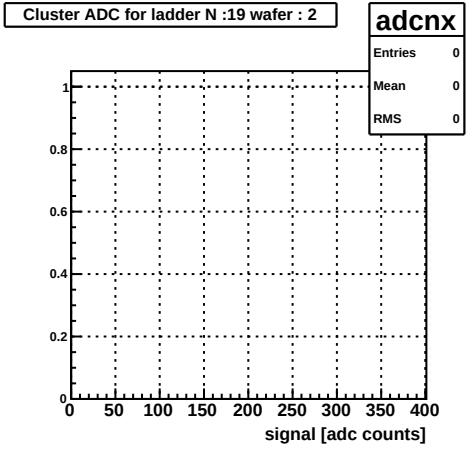

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

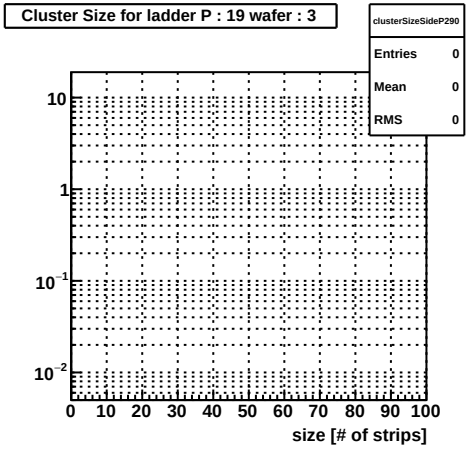

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

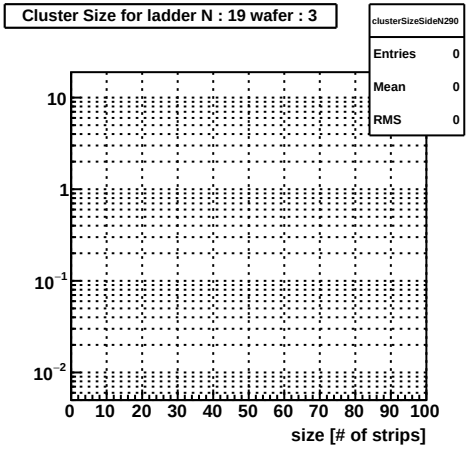

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

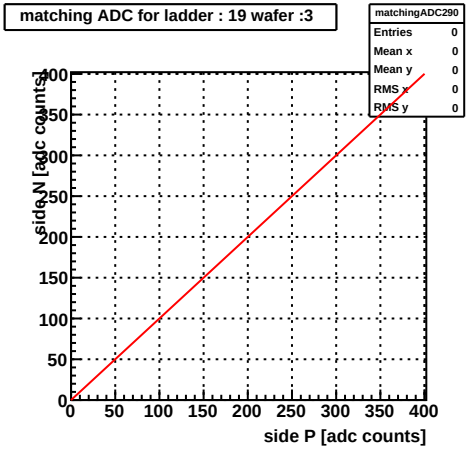

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

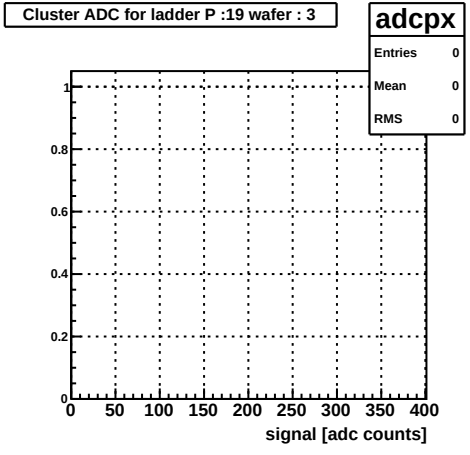

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

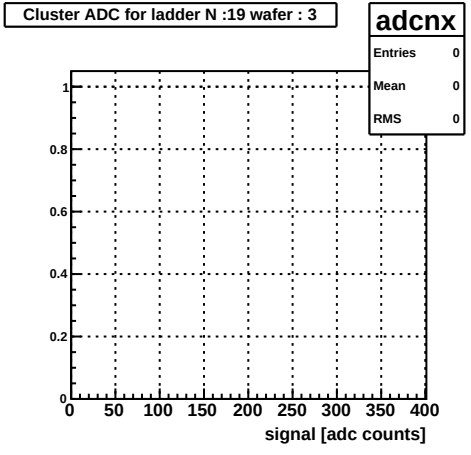

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

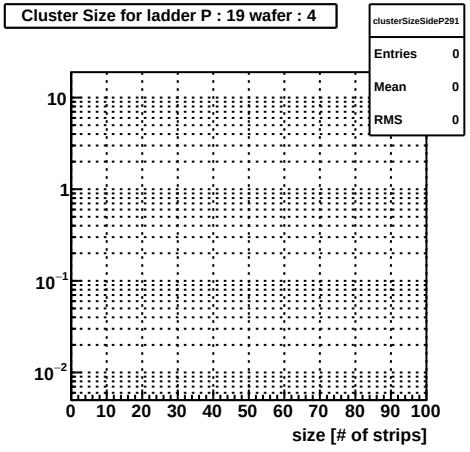

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

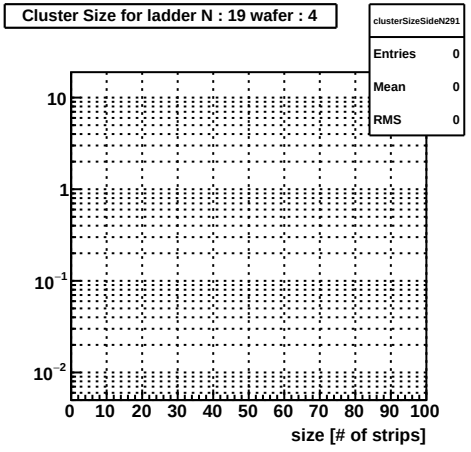

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

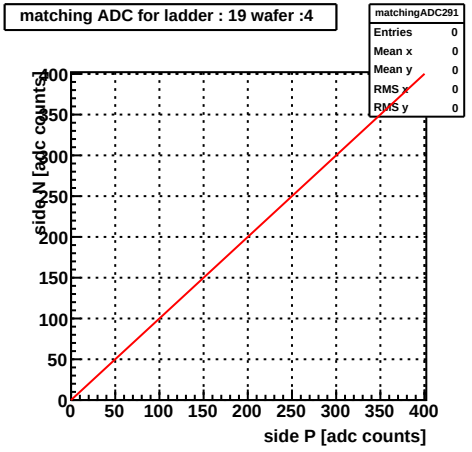

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

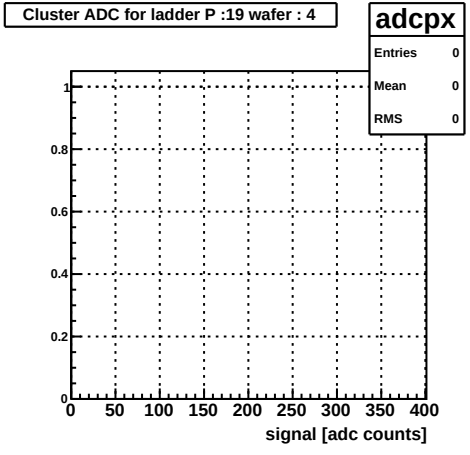

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

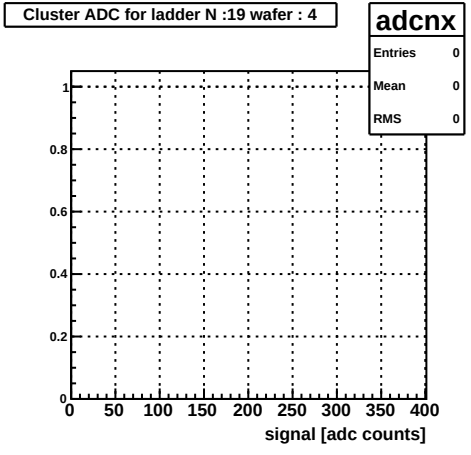

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

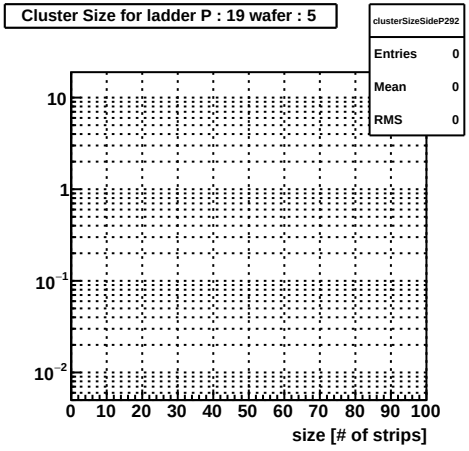

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

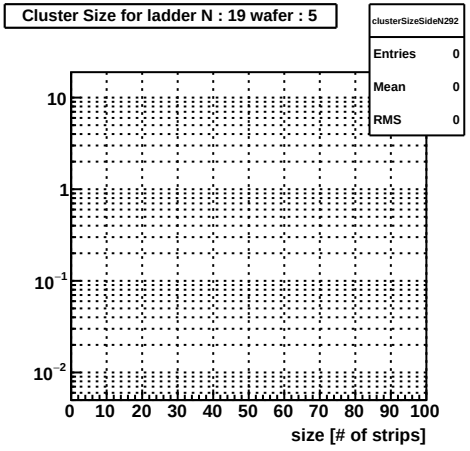

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

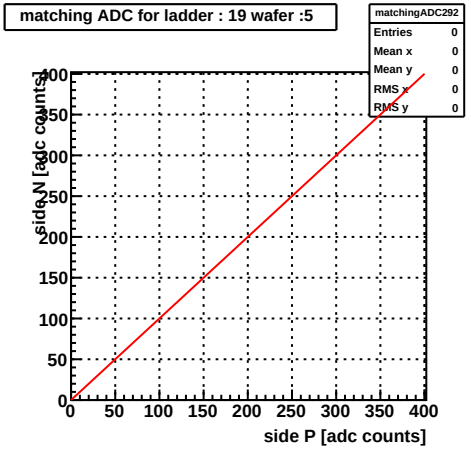

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

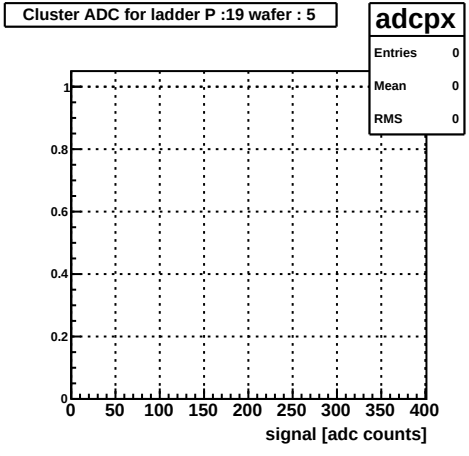

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

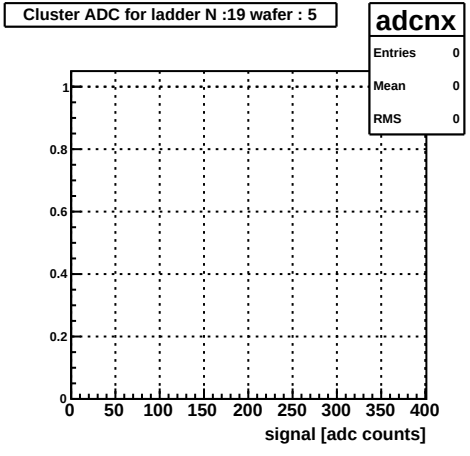

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

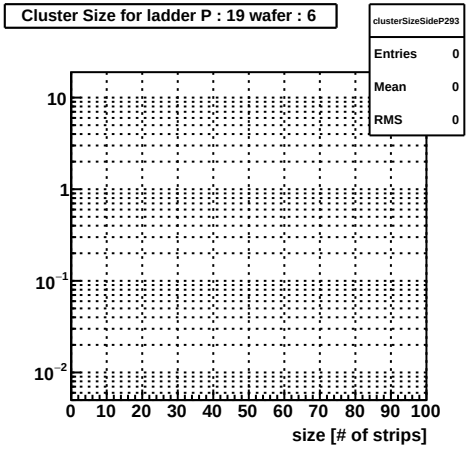

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

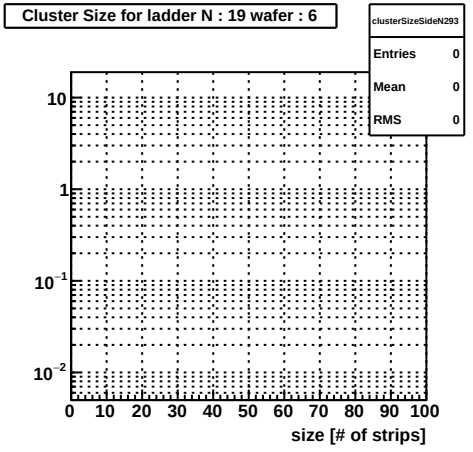

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

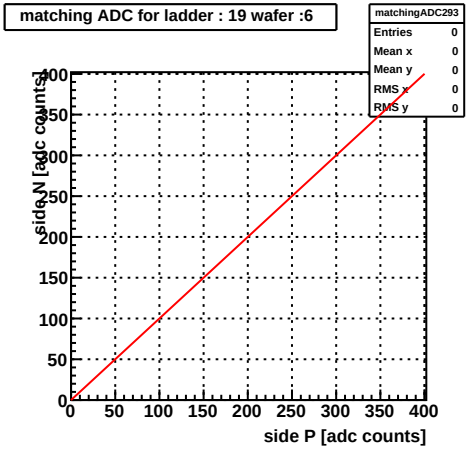

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

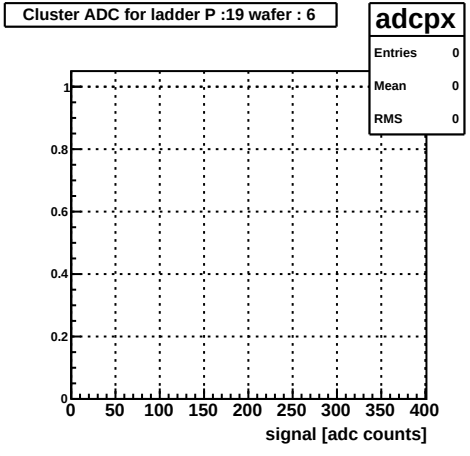

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

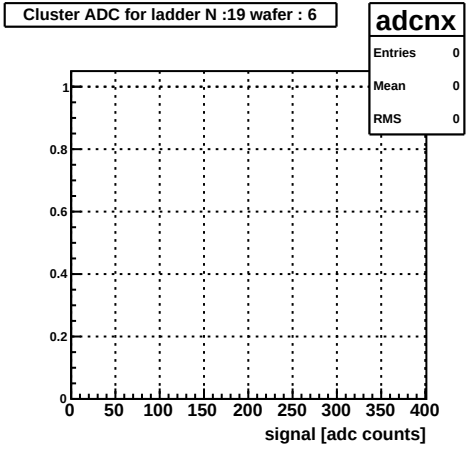

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

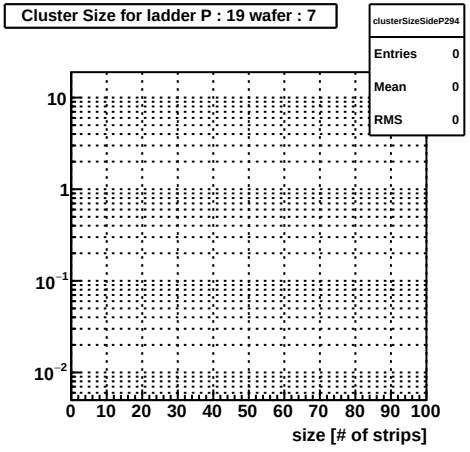

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

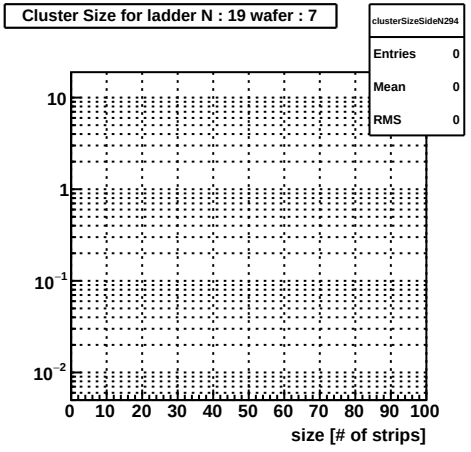

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

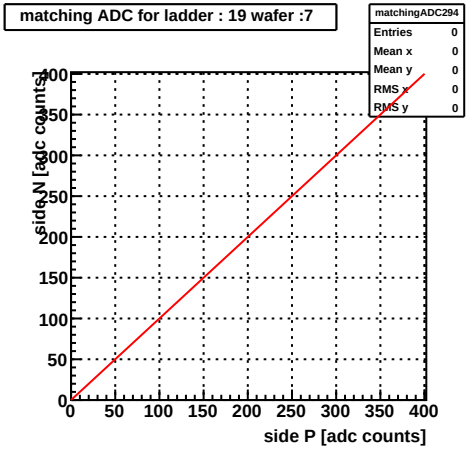

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

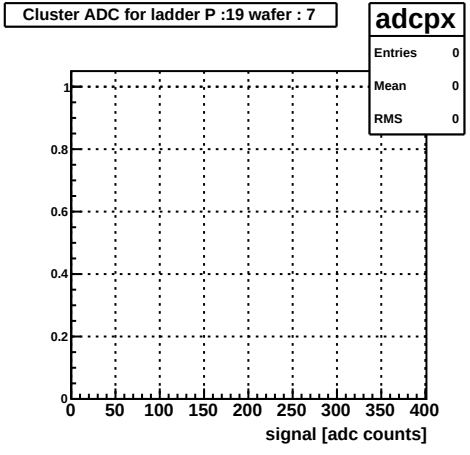

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

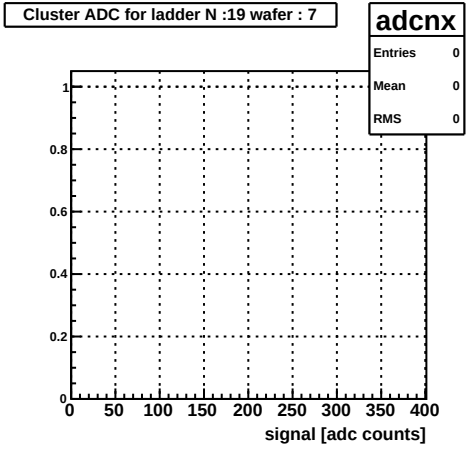

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

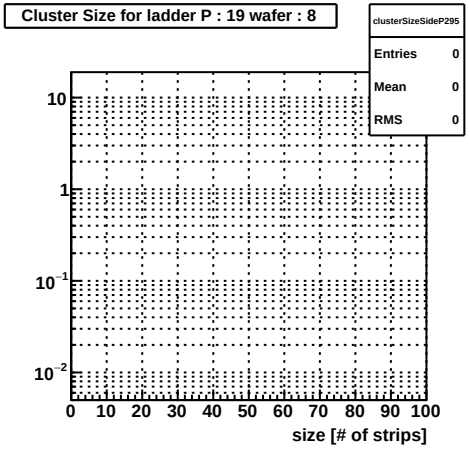

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

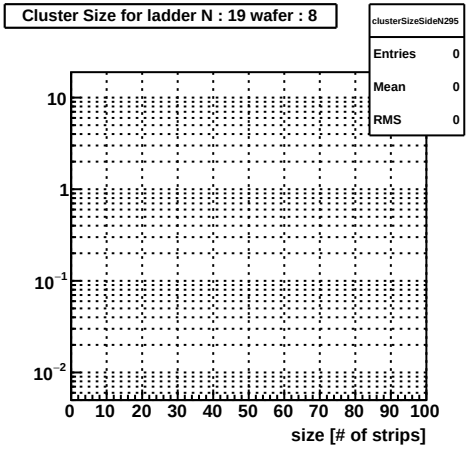

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

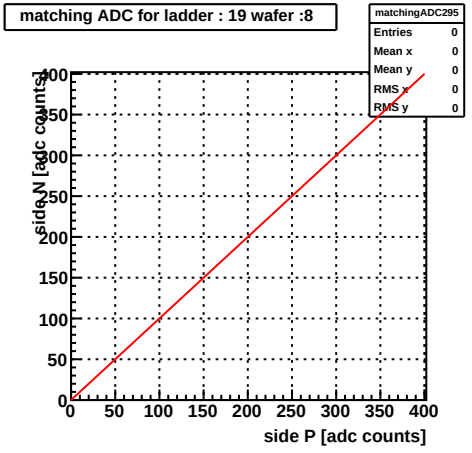

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

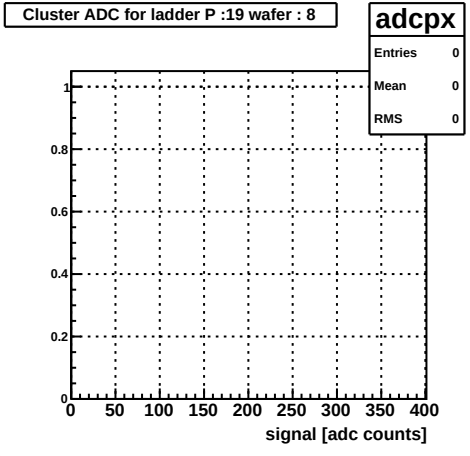

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

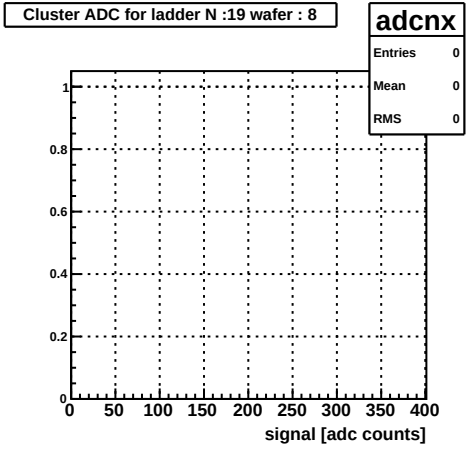

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

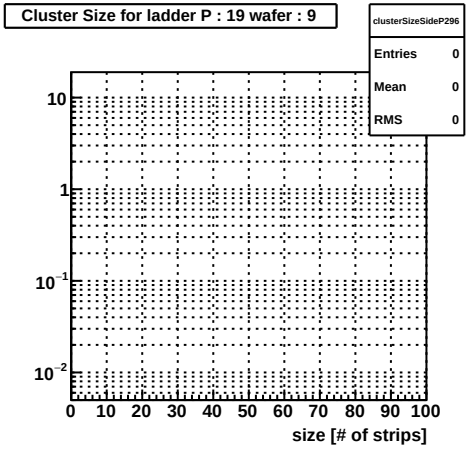

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

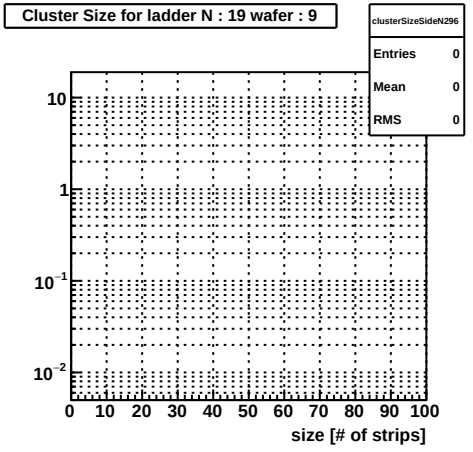

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

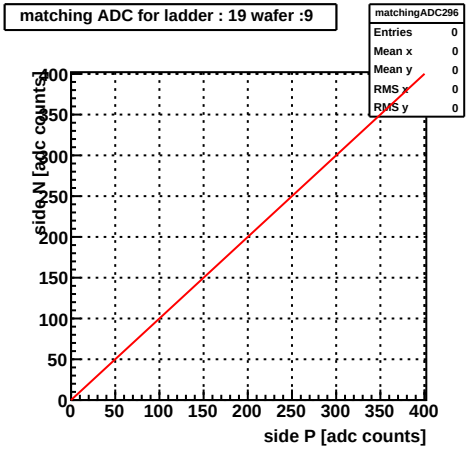

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

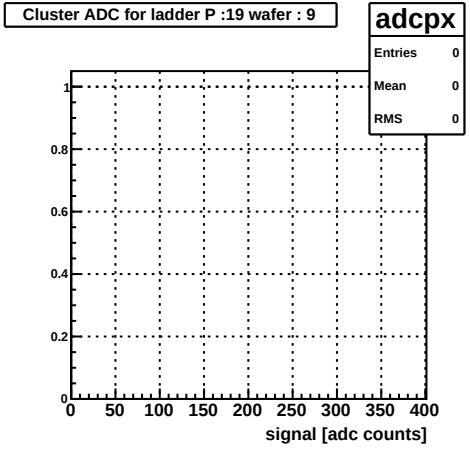

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

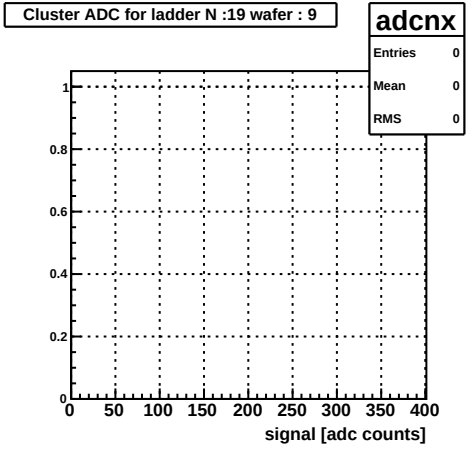

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

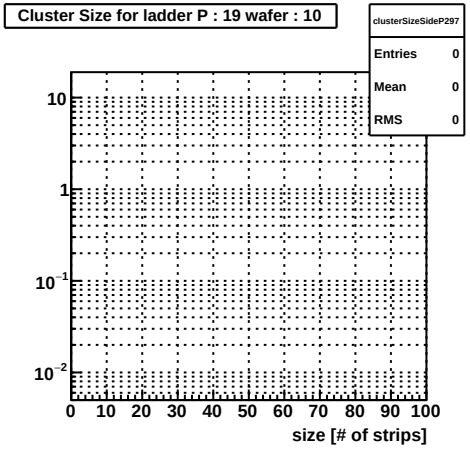

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

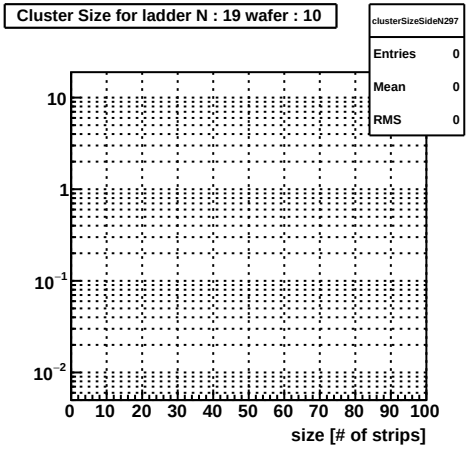

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

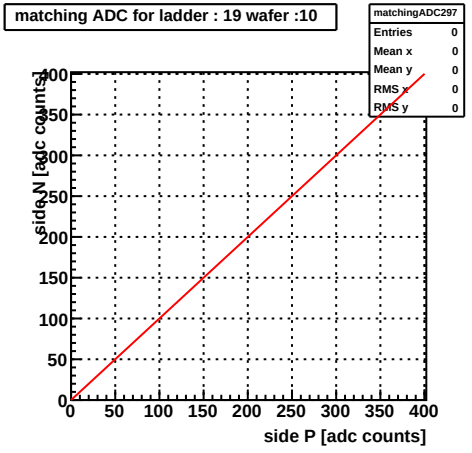

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

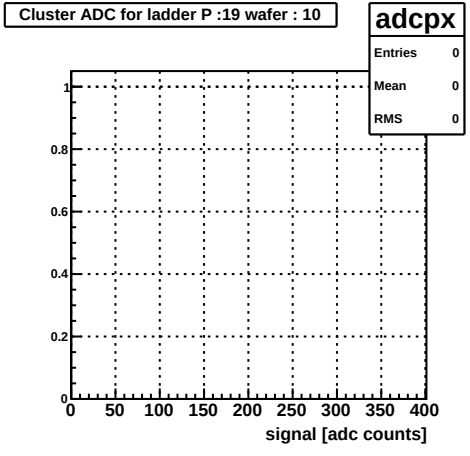

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

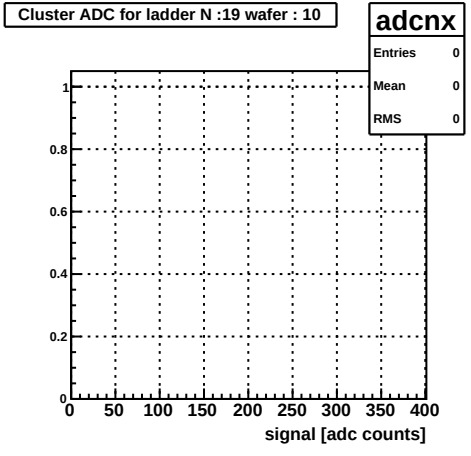

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

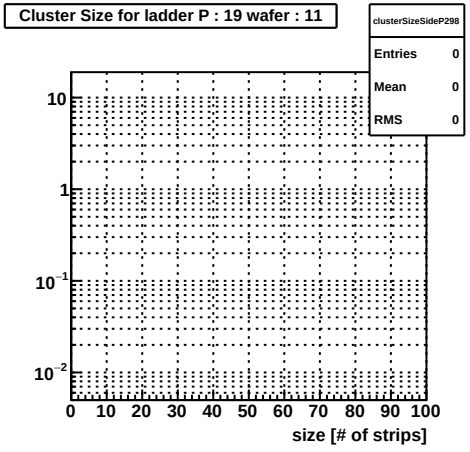

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

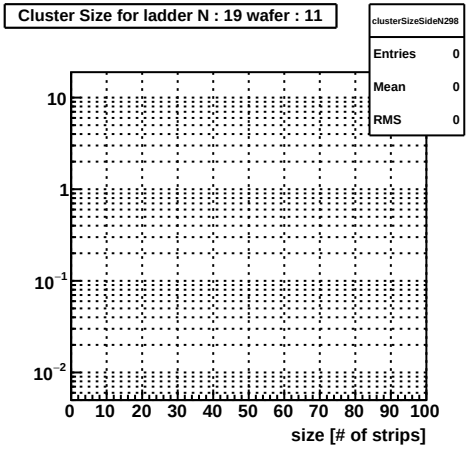

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

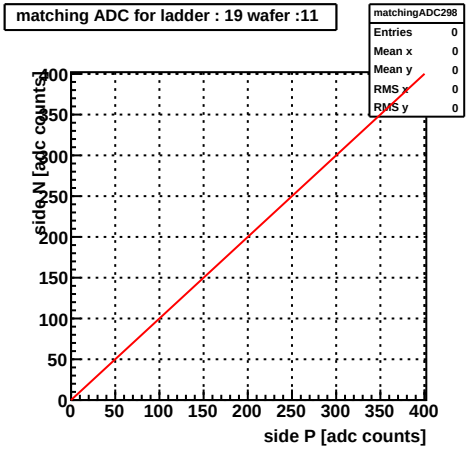

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

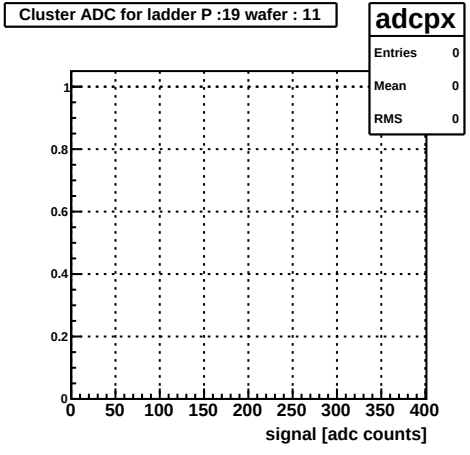

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

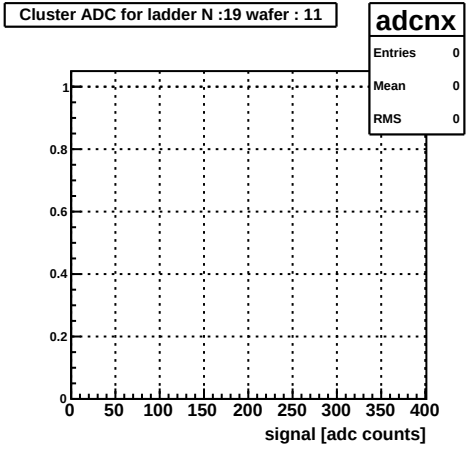

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

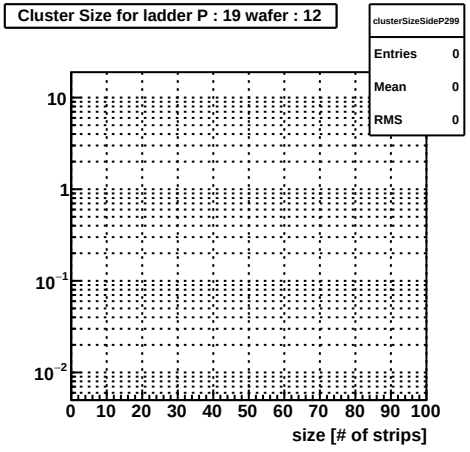

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

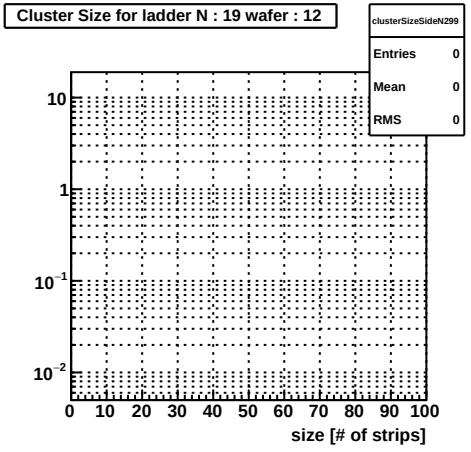

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

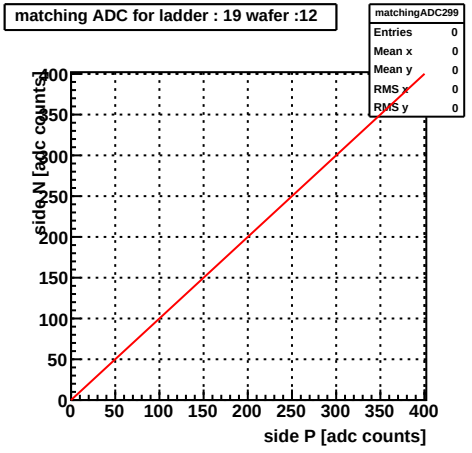

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

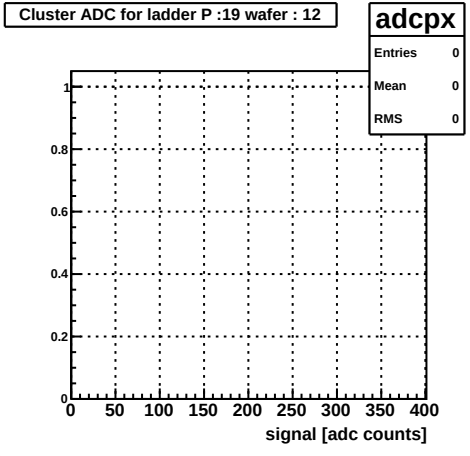

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

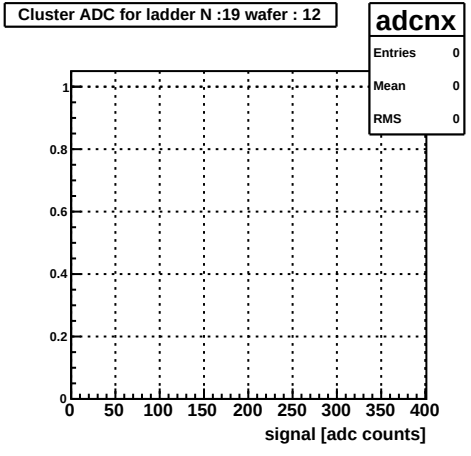

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

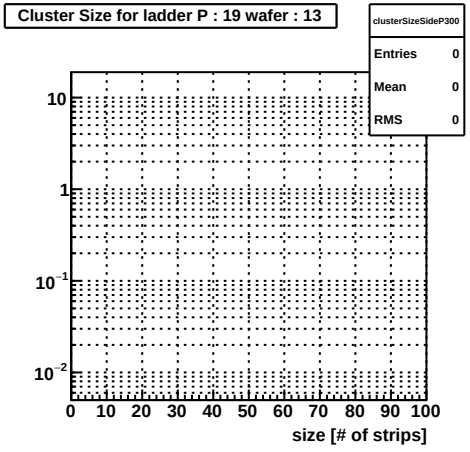

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

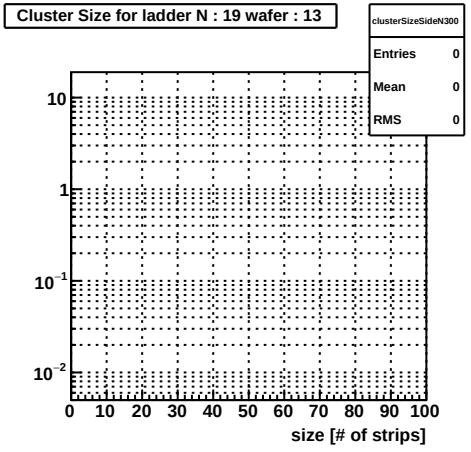

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

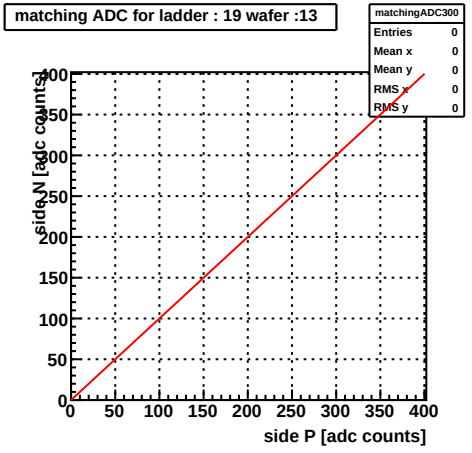

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

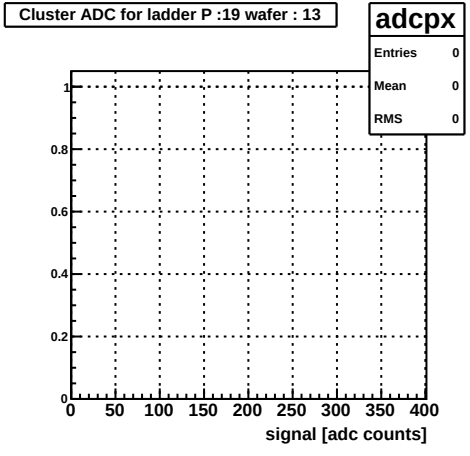

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

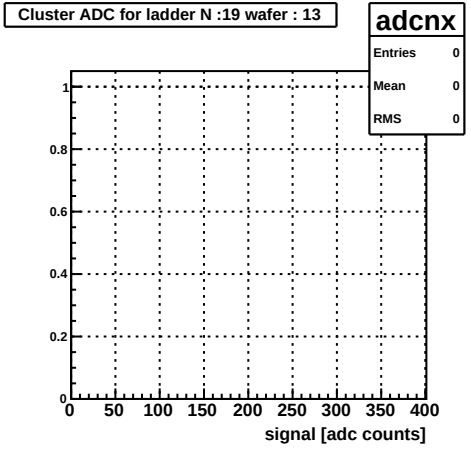

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

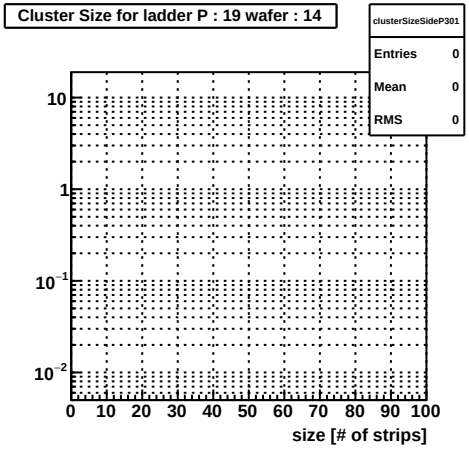

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

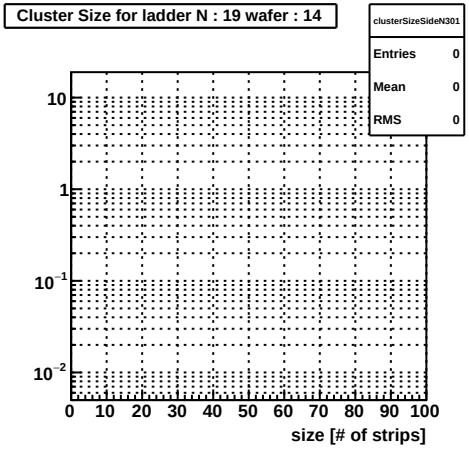

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

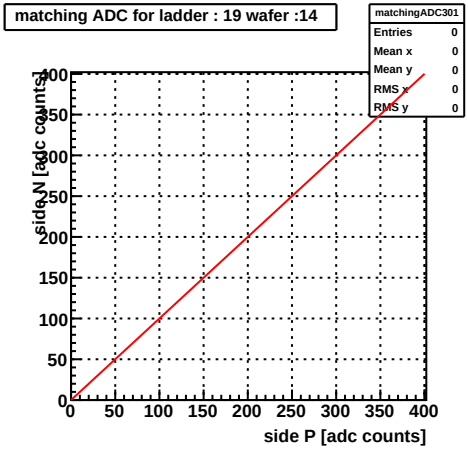

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

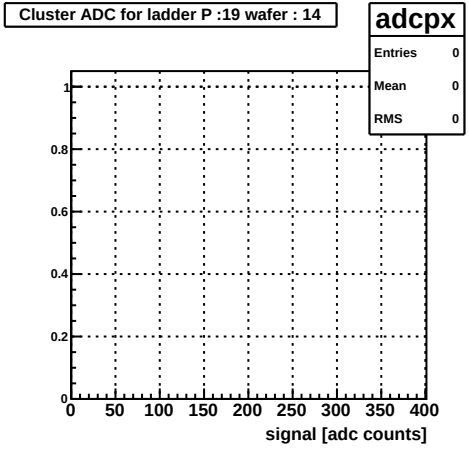

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

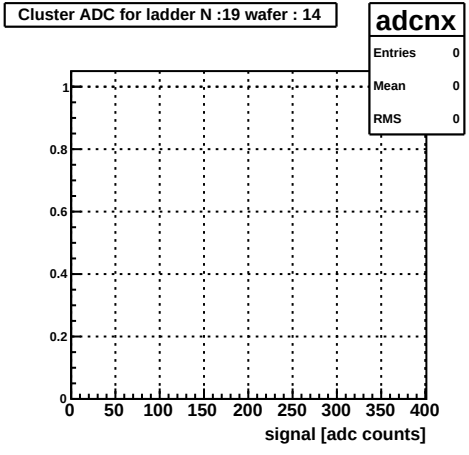

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

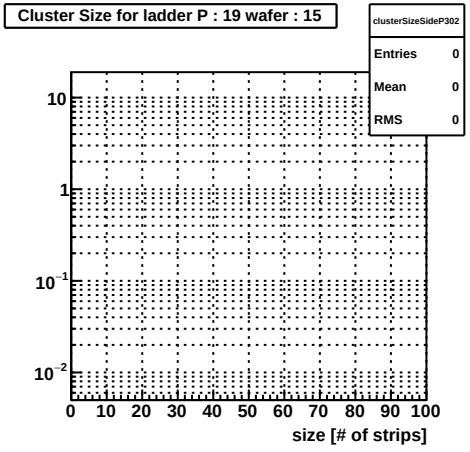

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

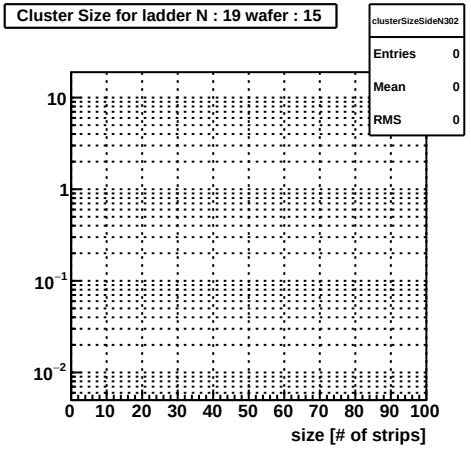

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

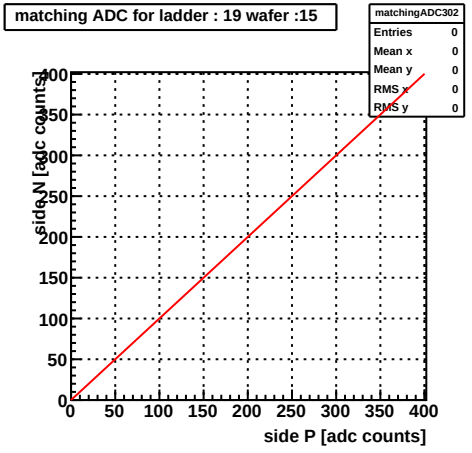

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

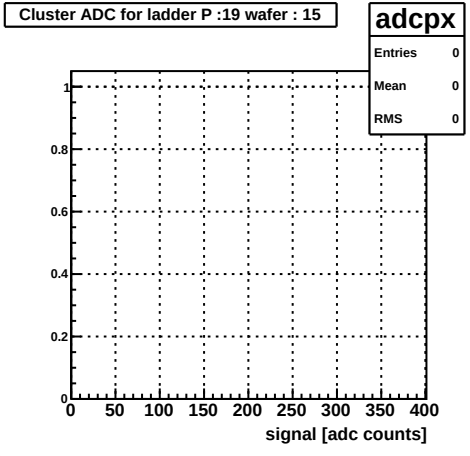

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

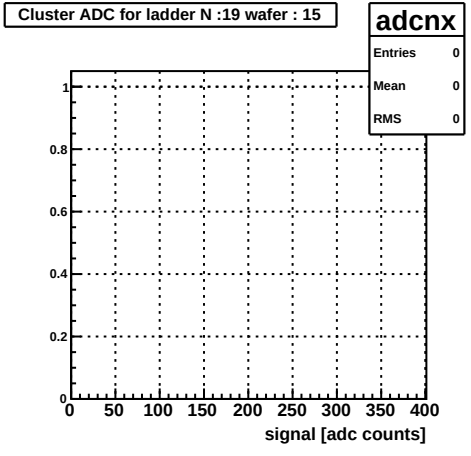

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

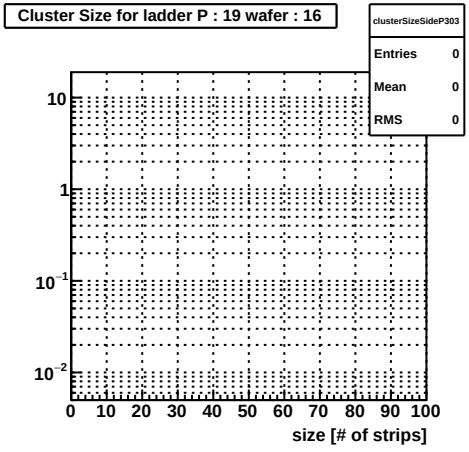

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

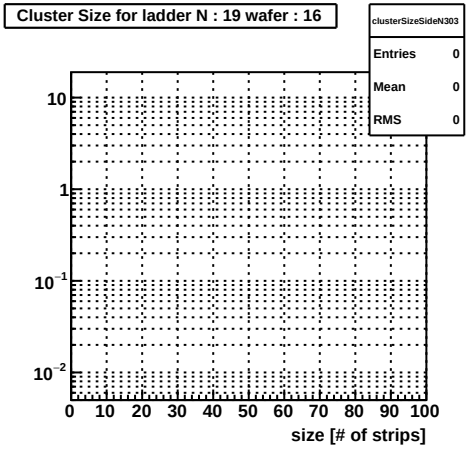

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

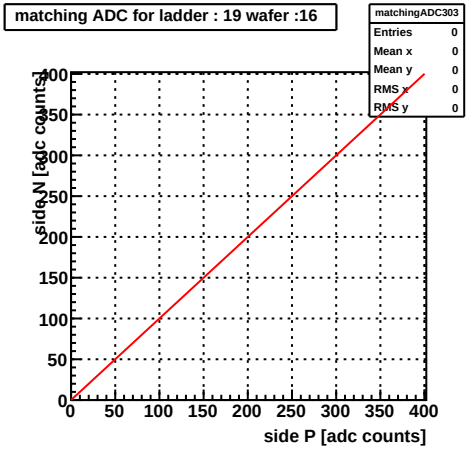

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

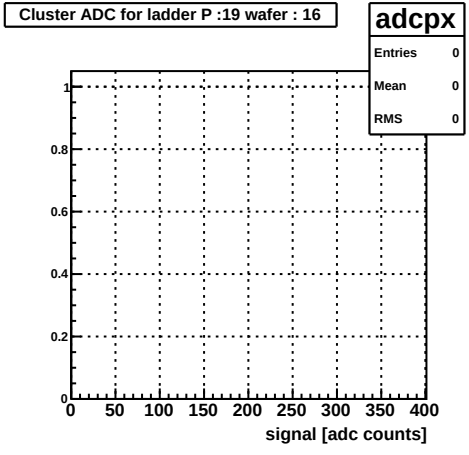

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

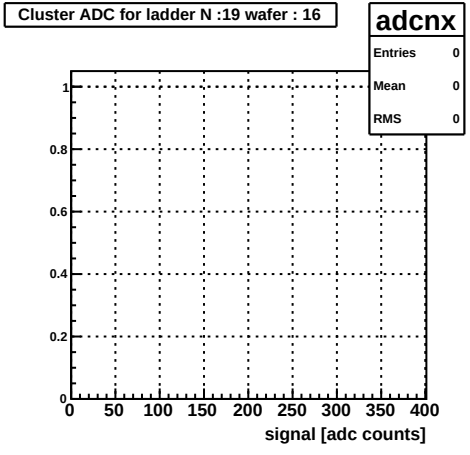

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

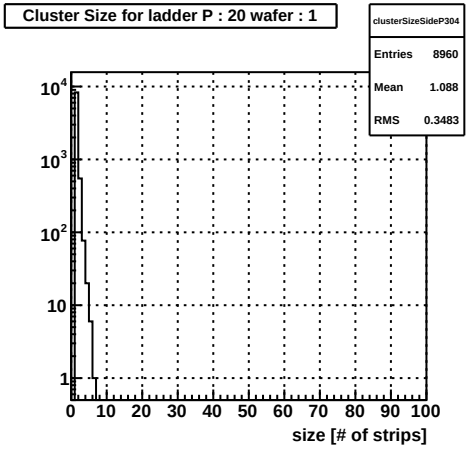

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

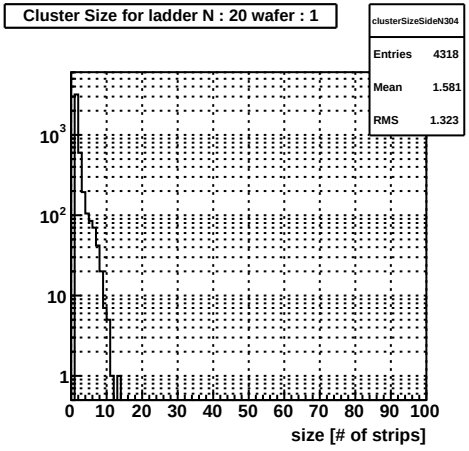

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

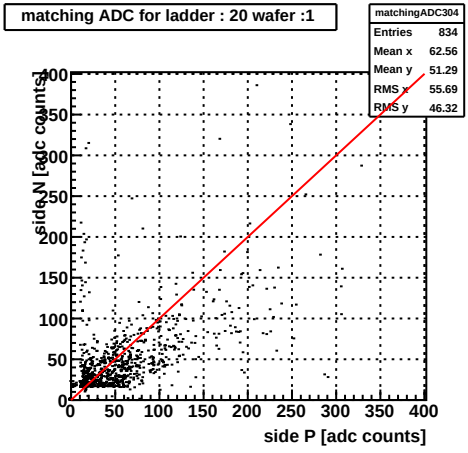

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

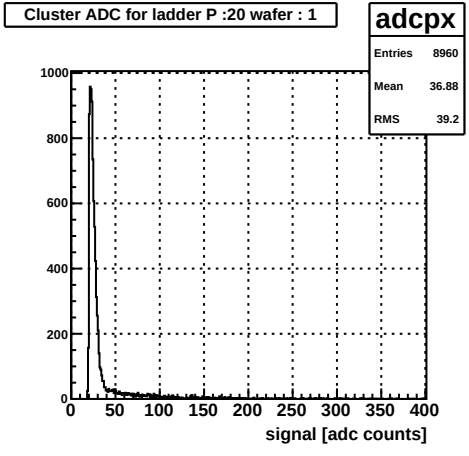

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

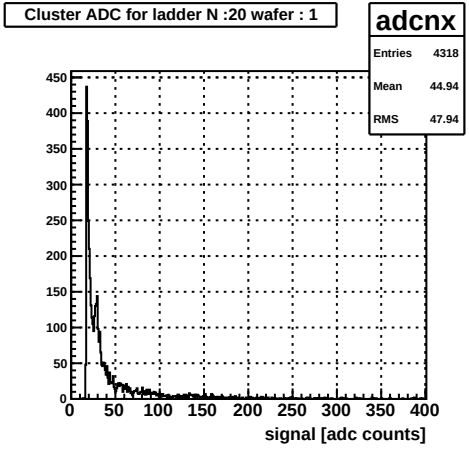

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

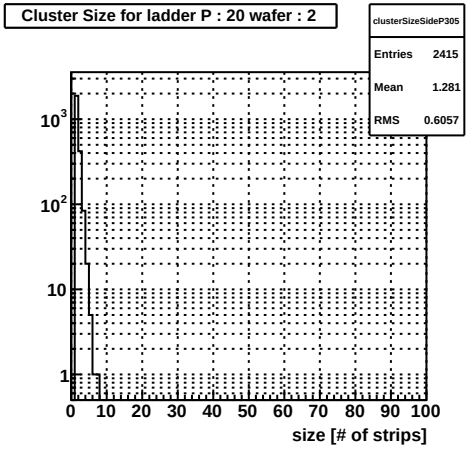

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 8960
Mean 1.088
RMS 0.3483
size [# of strips]

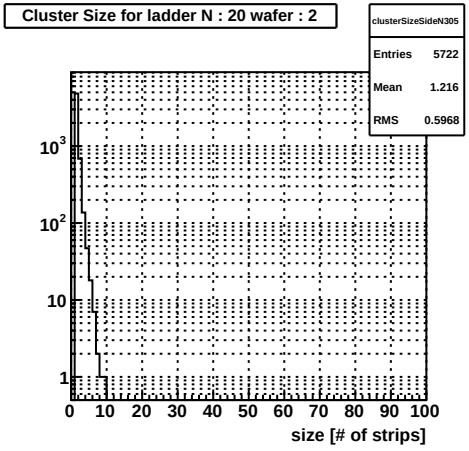

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4318
Mean 1.581
RMS 1.323
size [# of strips]

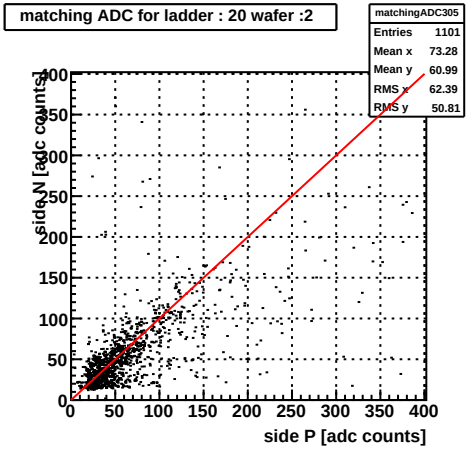

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 834
Mean x 62.56
Mean y 51.29
RMS x 55.69
RMS y 46.32
side N [adc counts]
side P [adc counts]

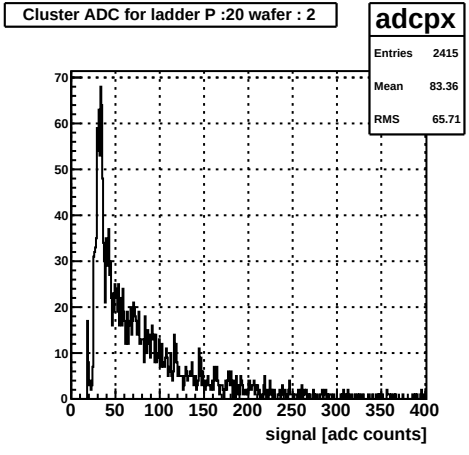

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 8960
Mean 36.88
RMS 39.2
signal [adc counts]

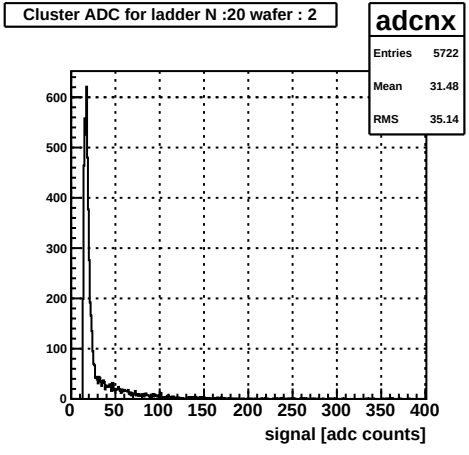

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4318
Mean 44.94
RMS 47.94
signal [adc counts]

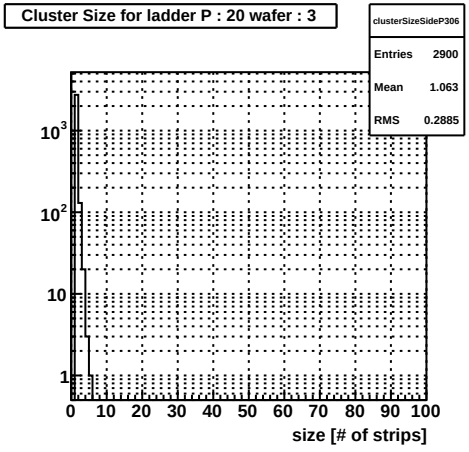

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2415
Mean 1.281
RMS 0.6057
size [# of strips]

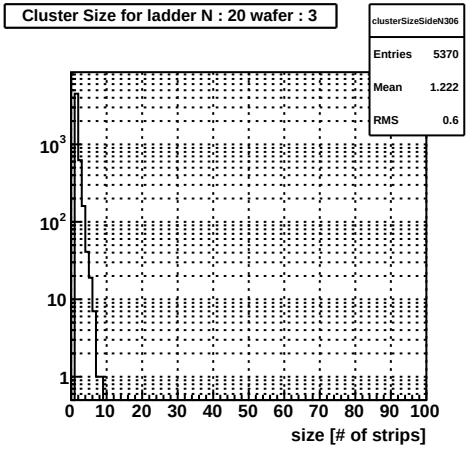

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5722
Mean 1.216
RMS 0.5968
size [# of strips]

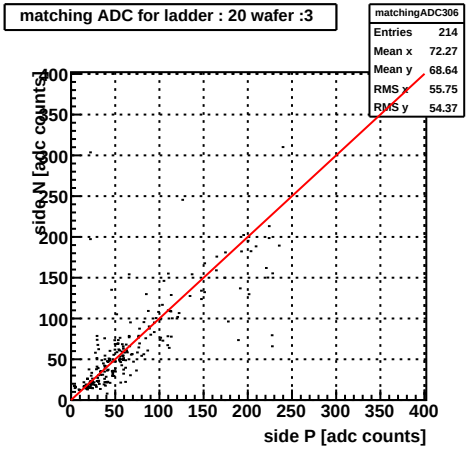

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1101
Mean x 73.28
Mean y 60.99
RMS x 62.39
RMS y 50.81
side N [adc counts]
side P [adc counts]

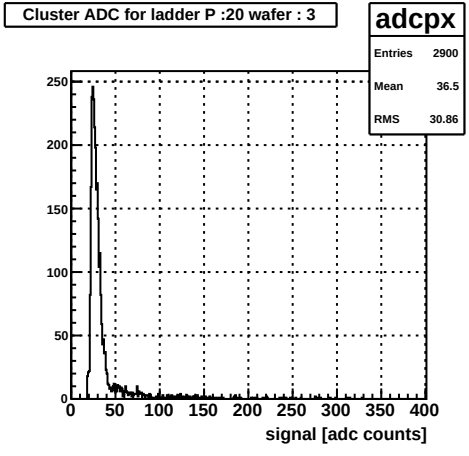

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2415
Mean 83.36
RMS 65.71
signal [adc counts]

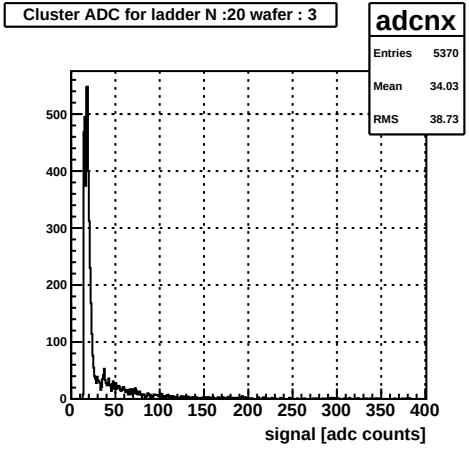

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5722
Mean 31.48
RMS 35.14
signal [adc counts]

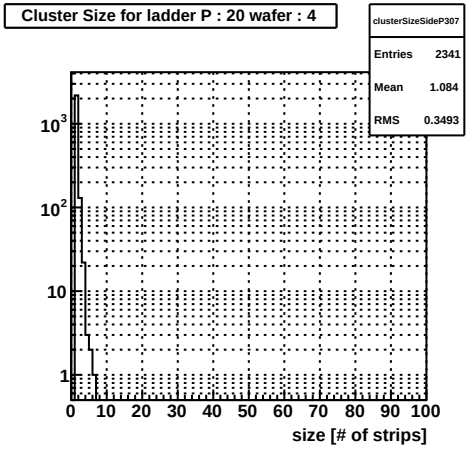

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2900
Mean 1.063
RMS 0.2885
size [# of strips]

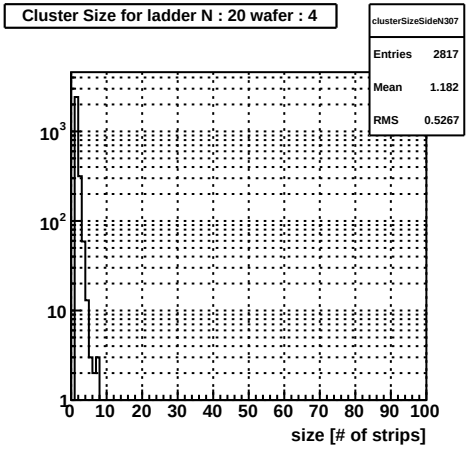

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5370
Mean 1.222
RMS 0.6
size [# of strips]

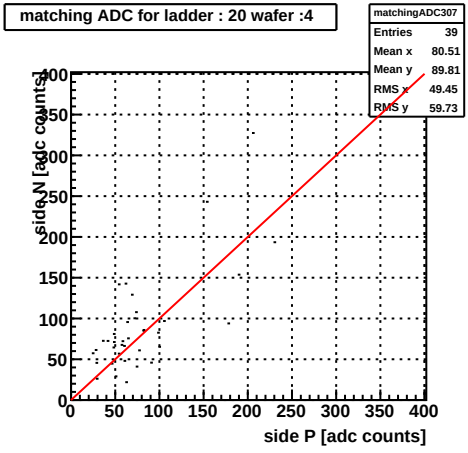

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 214
Mean x 72.27
Mean y 68.64
RMS x 55.75
RMS y 54.37
side N [adc counts]
side P [adc counts]

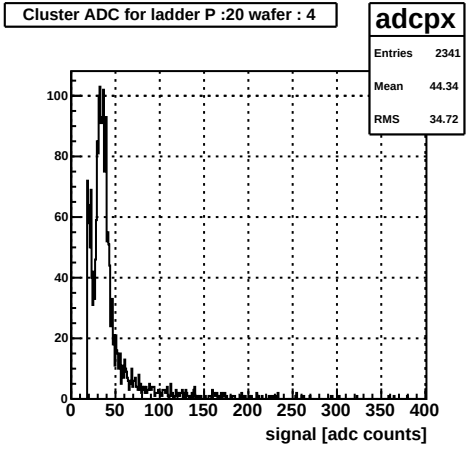

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2900
Mean 36.5
RMS 30.86
signal [adc counts]

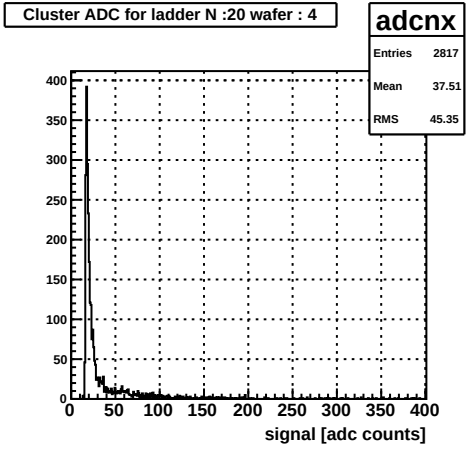

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5370
Mean 34.03
RMS 38.73
signal [adc counts]

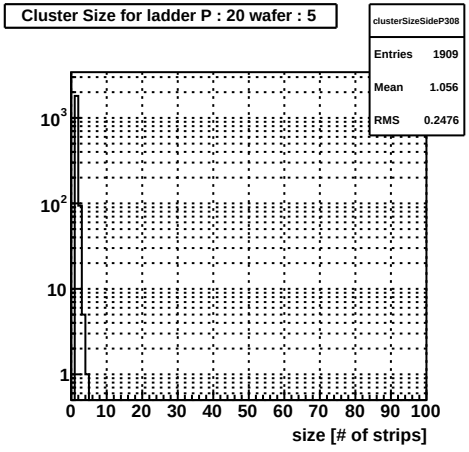

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2341
Mean 1.084
RMS 0.3493
size [# of strips]

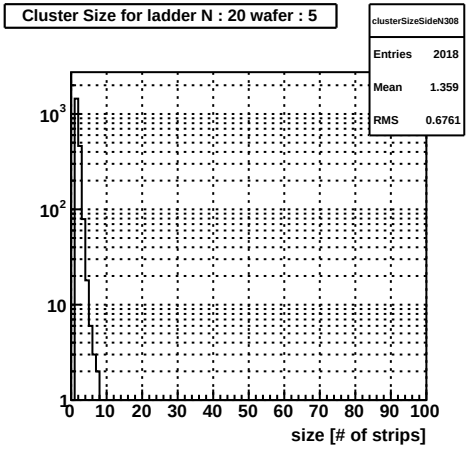

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2817
Mean 1.182
RMS 0.5267
size [# of strips]

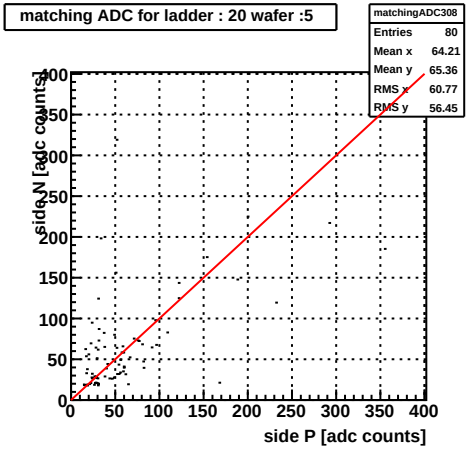

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 39
Mean x 80.51
Mean y 89.81
RMS x 49.45
RMS y 59.73
side N [adc counts]
side P [adc counts]

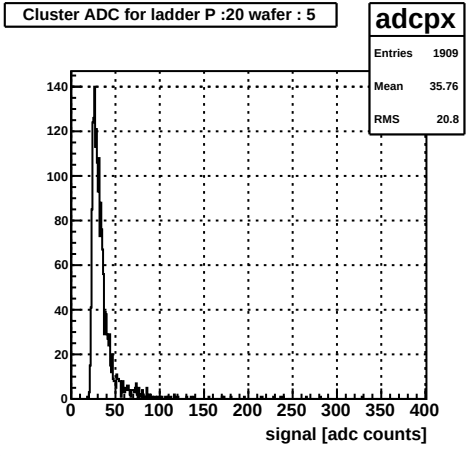

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2341
Mean 44.34
RMS 34.72
signal [adc counts]

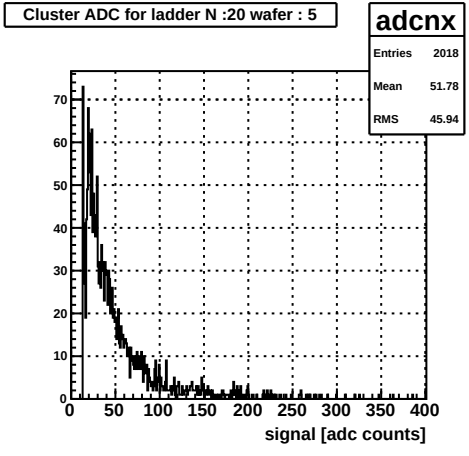

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2817
Mean 37.51
RMS 45.35
signal [adc counts]

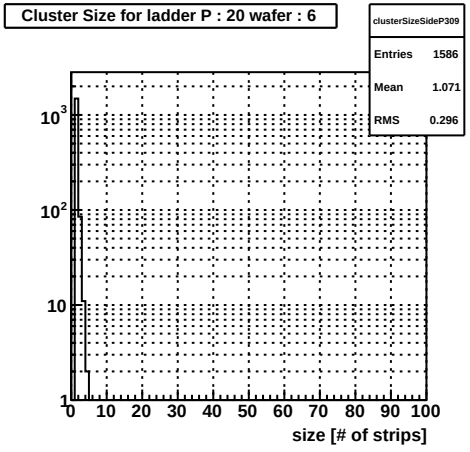

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1909
Mean 1.056
RMS 0.2476
size [# of strips]

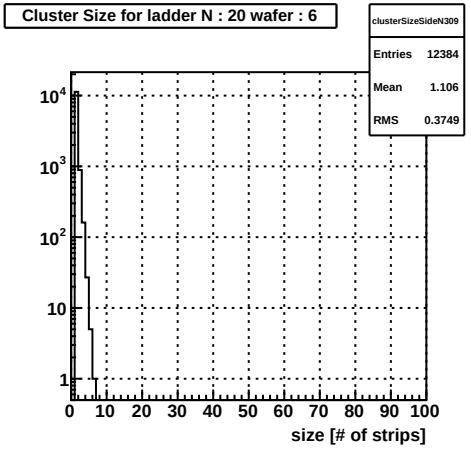

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2018
Mean 1.359
RMS 0.6761
size [# of strips]

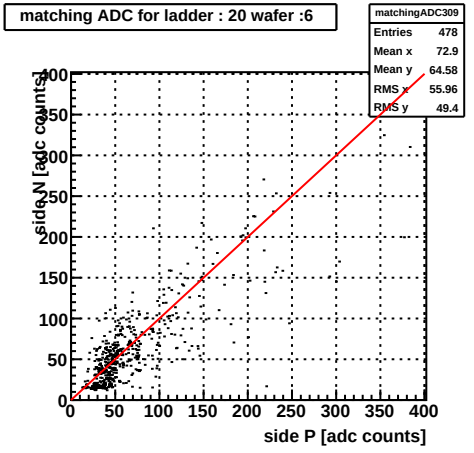

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 80
Mean x 64.21
Mean y 65.36
RMS x 60.77
RMS y 56.45
side N [adc counts]
side P [adc counts]

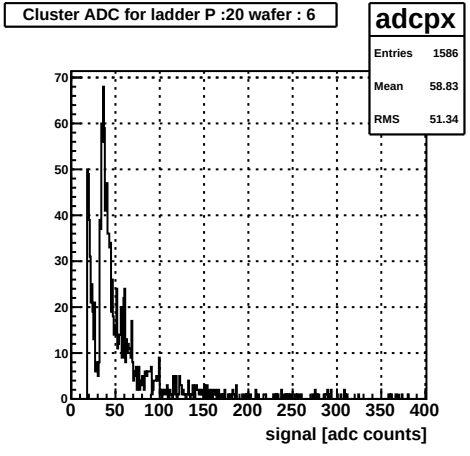

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1909
Mean 35.76
RMS 20.8
signal [adc counts]

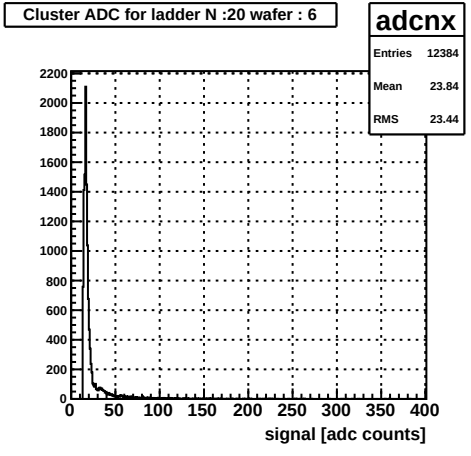

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2018
Mean 51.78
RMS 45.94
signal [adc counts]

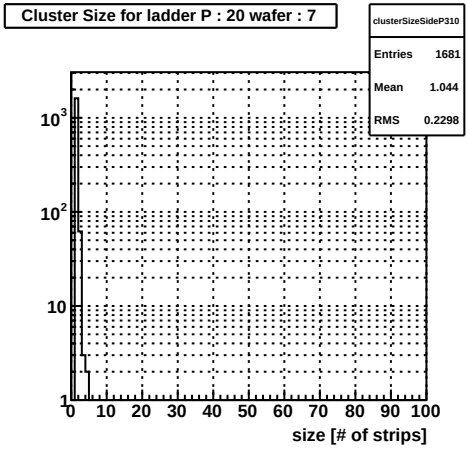

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1586
Mean 1.071
RMS 0.296
size [# of strips]

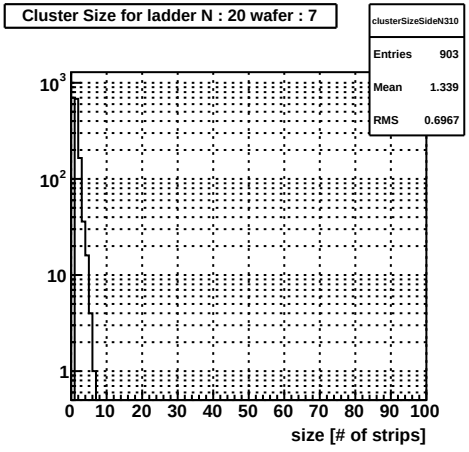

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12384
Mean 1.106
RMS 0.3749
size [# of strips]

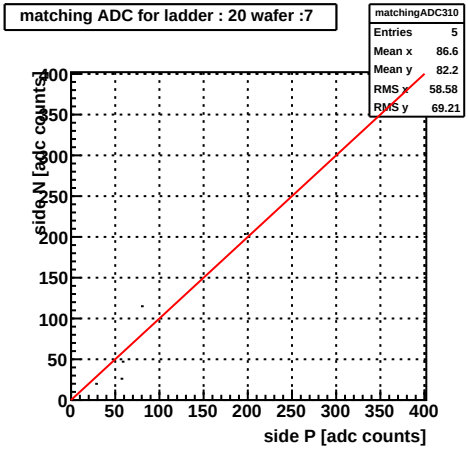

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 478
Mean x 72.9
Mean y 64.58
RMS x 55.96
RMS y 49.4
side N [adc counts]
side P [adc counts]

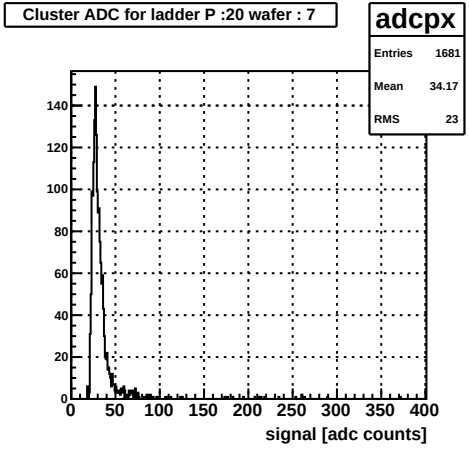

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1586
Mean 58.83
RMS 51.34
signal [adc counts]

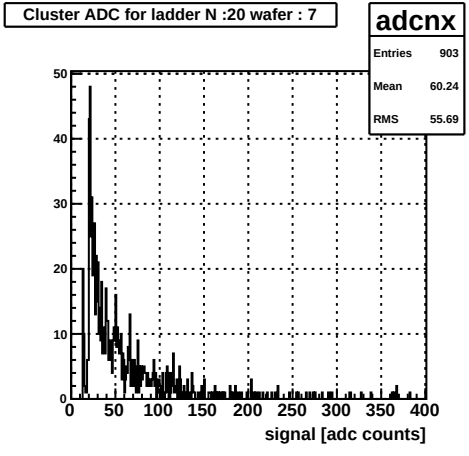

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12384
Mean 23.84
RMS 23.44
signal [adc counts]

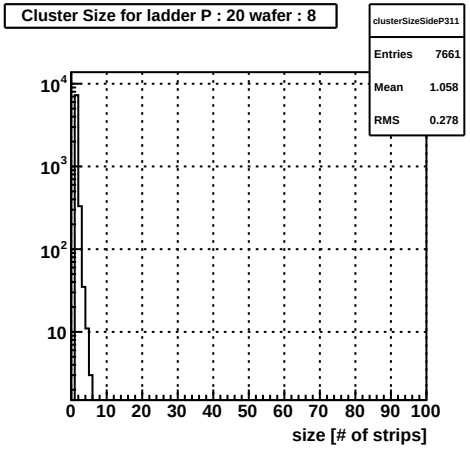

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1681
Mean 1.044
RMS 0.2298
size [# of strips]

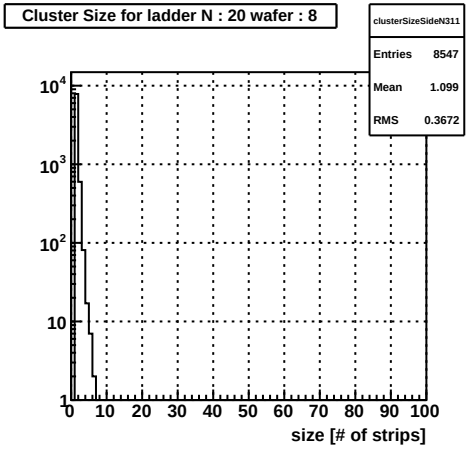

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 903
Mean 1.339
RMS 0.6967
size [# of strips]

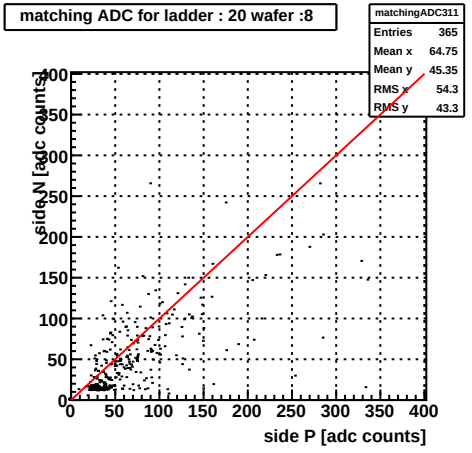

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 5
Mean x 86.6
Mean y 82.2
RMS x 58.58
RMS y 69.21
side N [adc counts]
side P [adc counts]

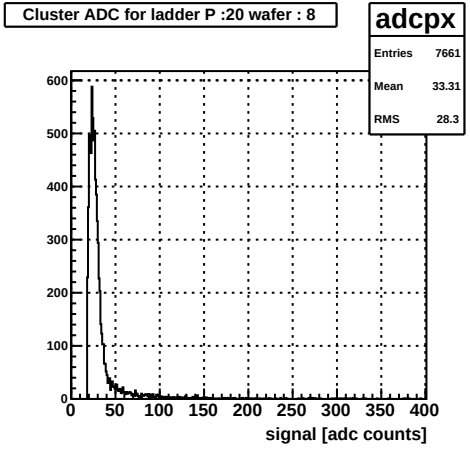

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1681
Mean 34.17
RMS 23
signal [adc counts]

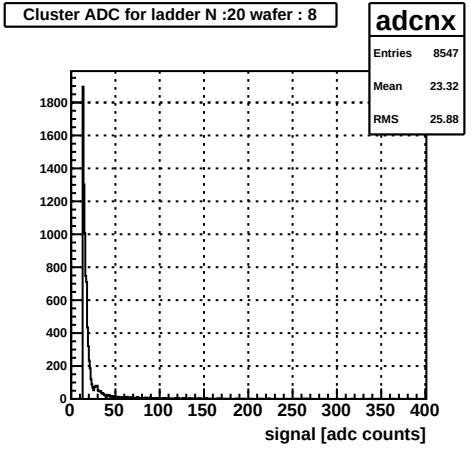

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 903
Mean 60.24
RMS 55.69
signal [adc counts]

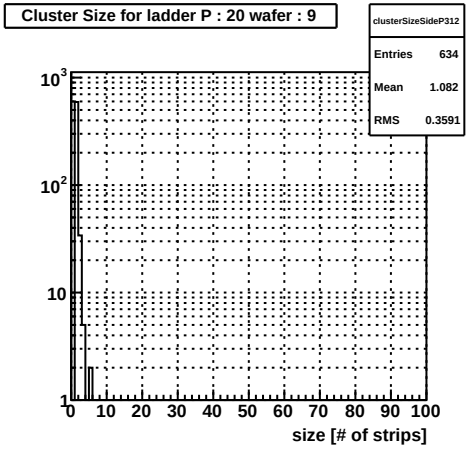

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7661
Mean 1.058
RMS 0.278
size [# of strips]

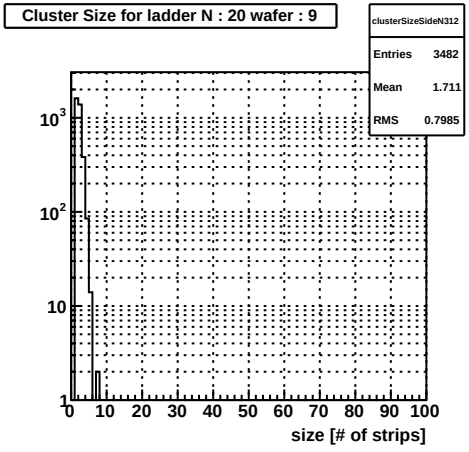

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8547
Mean 1.099
RMS 0.3672
size [# of strips]

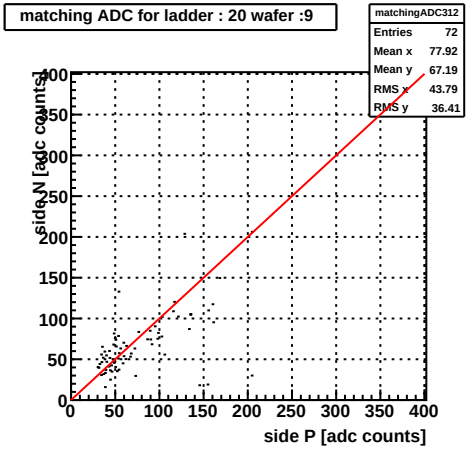

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 365
Mean x 64.75
Mean y 45.35
RMS x 54.3
RMS y 43.3
side N [adc counts]
side P [adc counts]

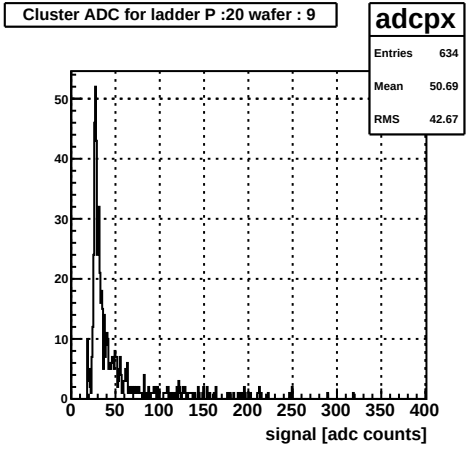

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7661
Mean 33.31
RMS 28.3
signal [adc counts]

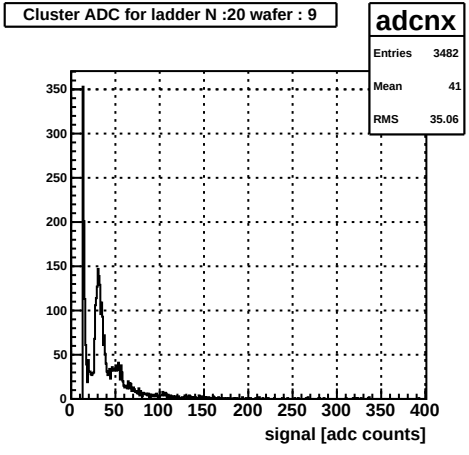

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8547
Mean 23.32
RMS 25.88
signal [adc counts]

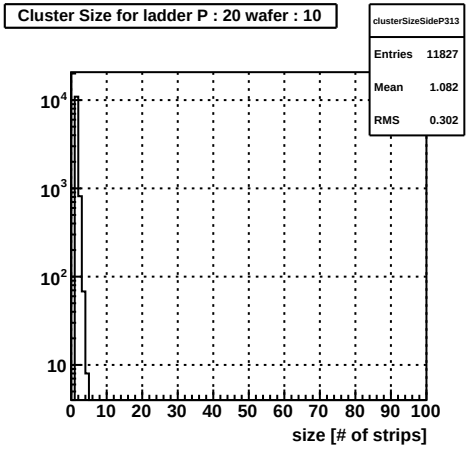

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 634
Mean 1.082
RMS 0.3591
size [# of strips]

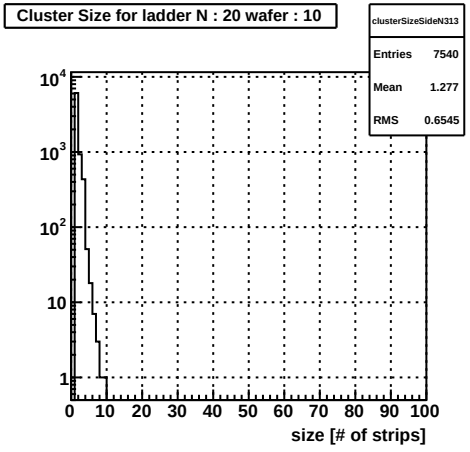

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3482
Mean 1.711
RMS 0.7985
size [# of strips]

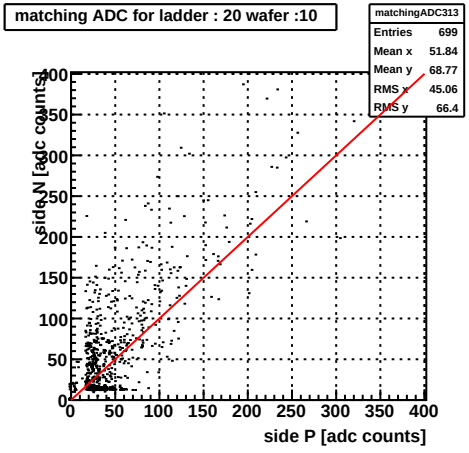

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 72
Mean x 77.92
Mean y 67.19
RMS x 43.79
RMS y 36.41
side N [adc counts]
side P [adc counts]

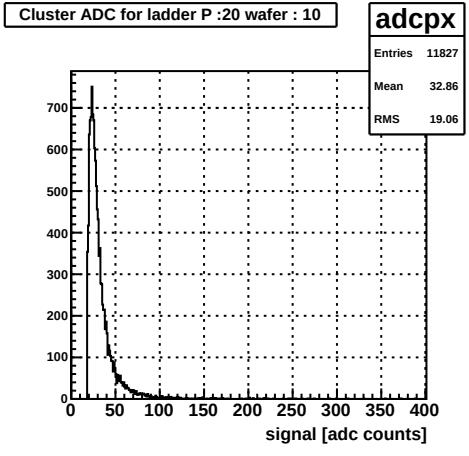

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 634
Mean 50.69
RMS 42.67
signal [adc counts]

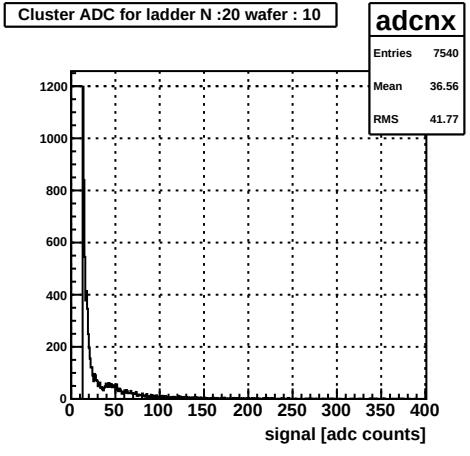

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3482
Mean 41
RMS 35.06
signal [adc counts]

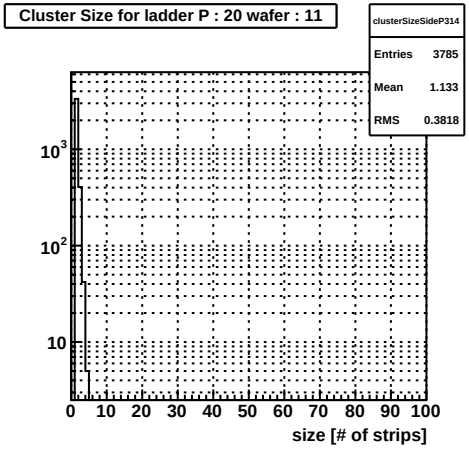

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11827
Mean 1.082
RMS 0.302
size [# of strips]

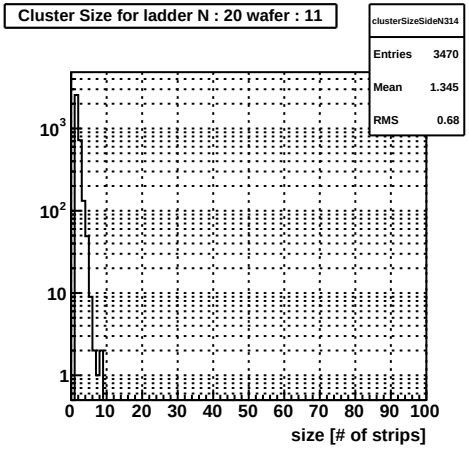

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7540
Mean 1.277
RMS 0.6545
size [# of strips]

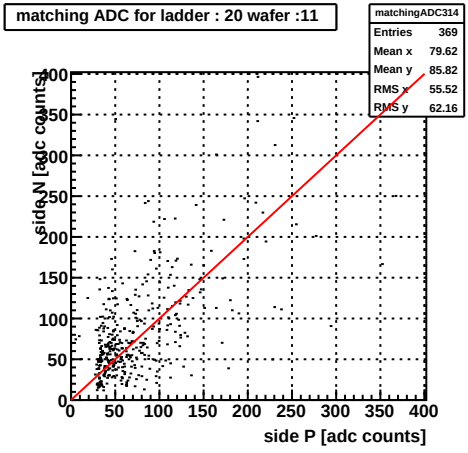

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 699
Mean x 51.84
Mean y 68.77
RMS x 45.06
RMS y 66.4
side N [adc counts]
side P [adc counts]

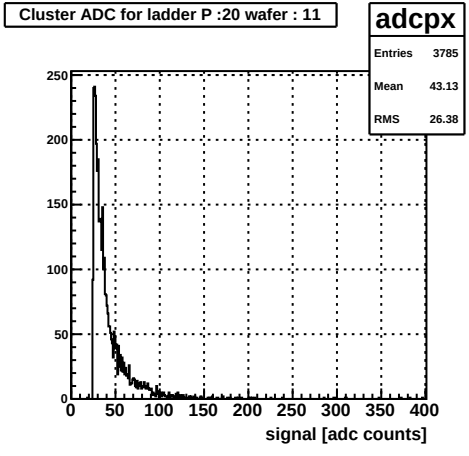

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11827
Mean 32.86
RMS 19.06
signal [adc counts]

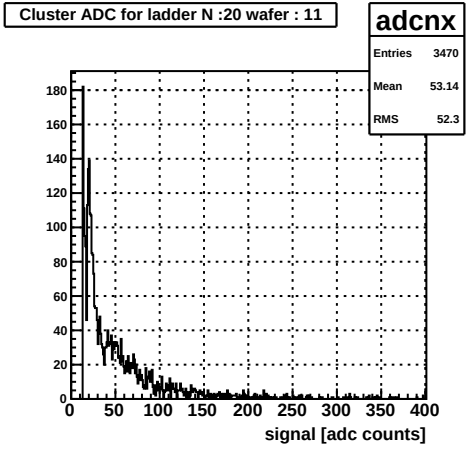

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7540
Mean 36.56
RMS 41.77
signal [adc counts]

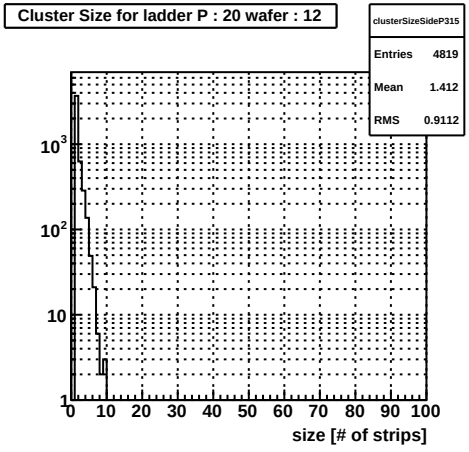

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3785
Mean 1.133
RMS 0.3818
size [# of strips]

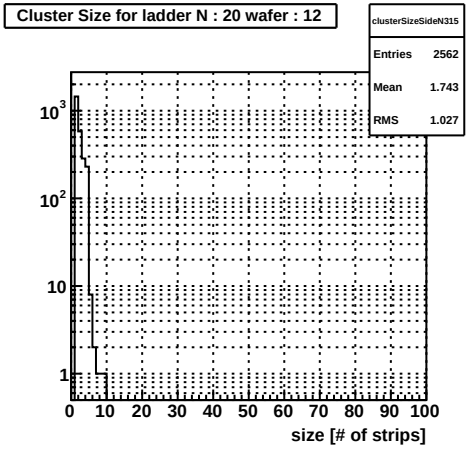

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3470
Mean 1.345
RMS 0.68
size [# of strips]

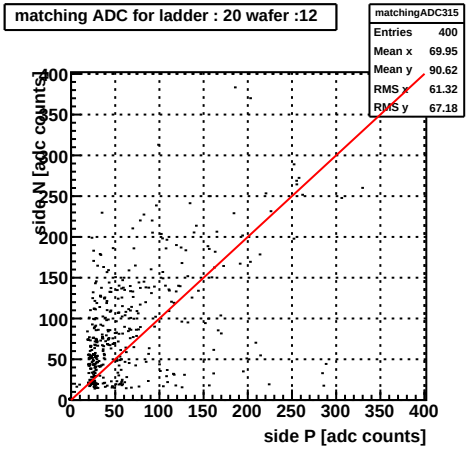

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 369
Mean x 79.62
Mean y 85.82
RMS x 55.52
RMS y 62.16
side N [adc counts]
side P [adc counts]

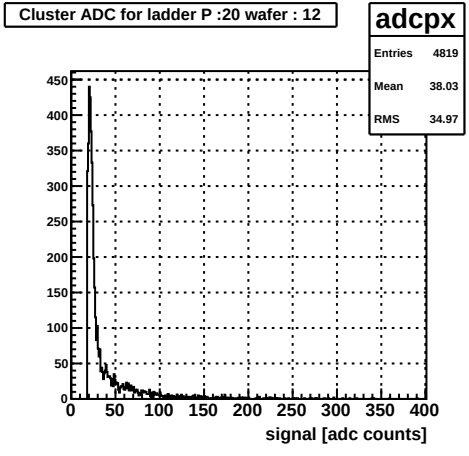

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3785
Mean 43.13
RMS 26.38
signal [adc counts]

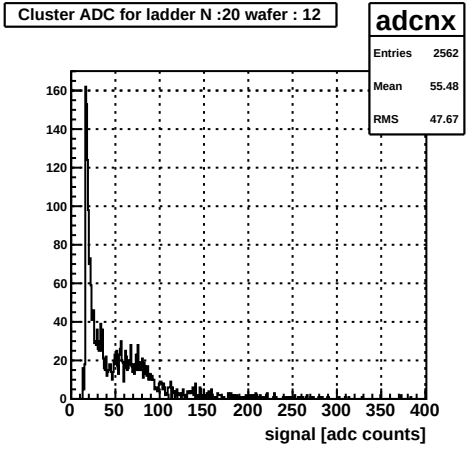

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3470
Mean 53.14
RMS 52.3
signal [adc counts]

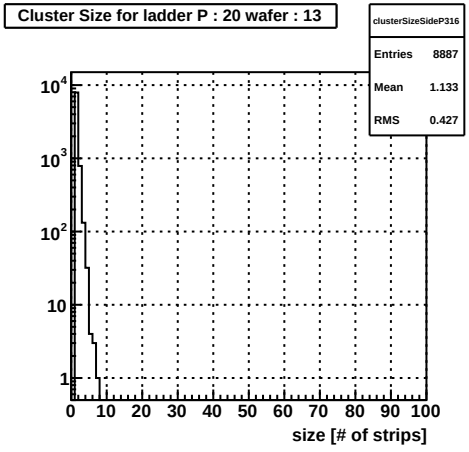

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4819
Mean 1.412
RMS 0.9112
size [# of strips]

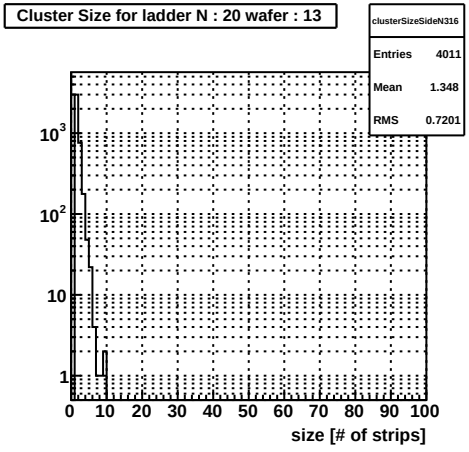

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2562
Mean 1.743
RMS 1.027
size [# of strips]

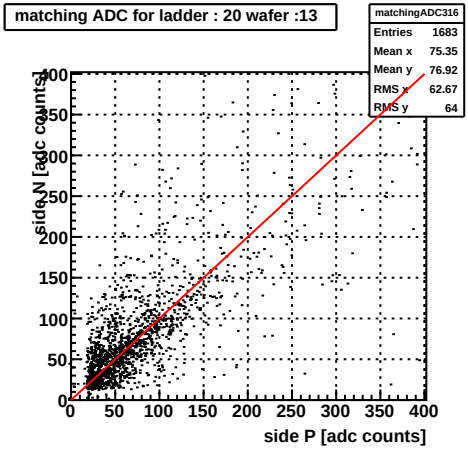

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 400
Mean x 69.95
Mean y 90.62
RMS x 61.32
RMS y 67.18
side N [adc counts]
side P [adc counts]

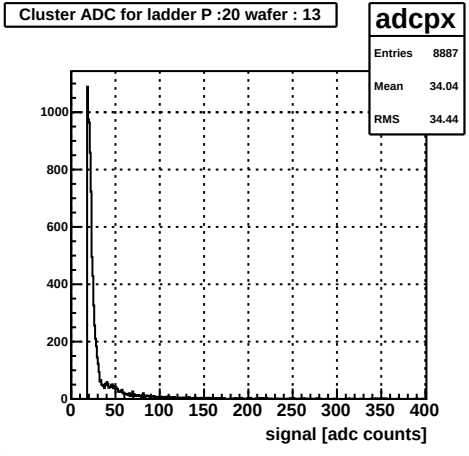

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4819
Mean 38.03
RMS 34.97
signal [adc counts]

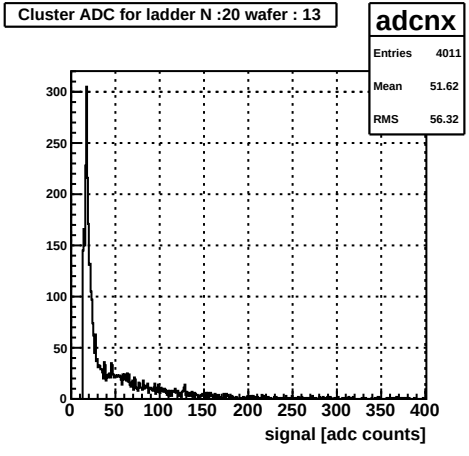

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2562
Mean 55.48
RMS 47.67
signal [adc counts]

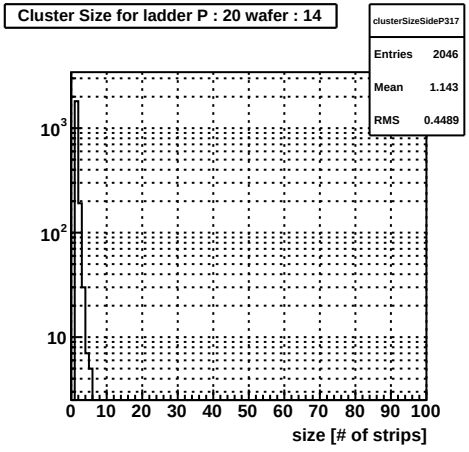

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8887
Mean 1.133
RMS 0.427
size [# of strips]

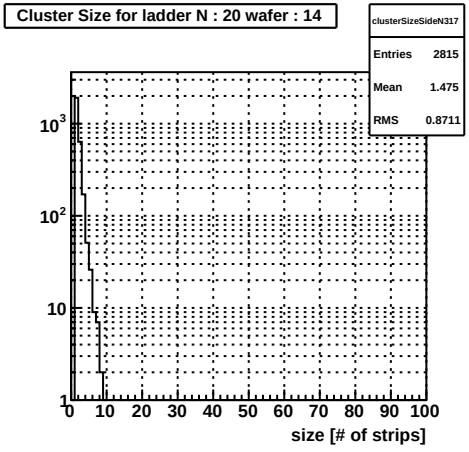

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4011
Mean 1.348
RMS 0.7201
size [# of strips]

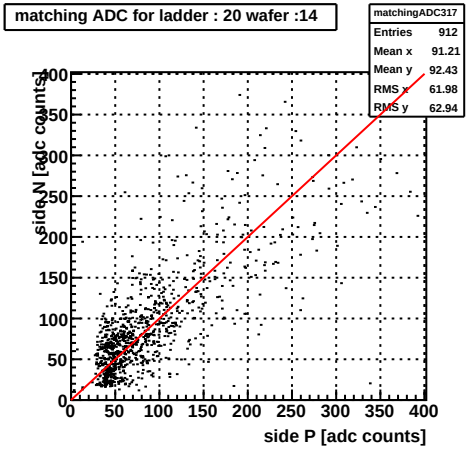

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1683
Mean x 75.35
Mean y 76.92
RMS x 62.67
RMS y 64
side N [adc counts]
side P [adc counts]

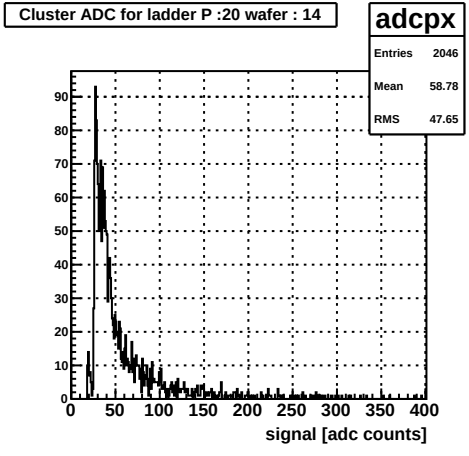

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8887
Mean 34.04
RMS 34.44
signal [adc counts]

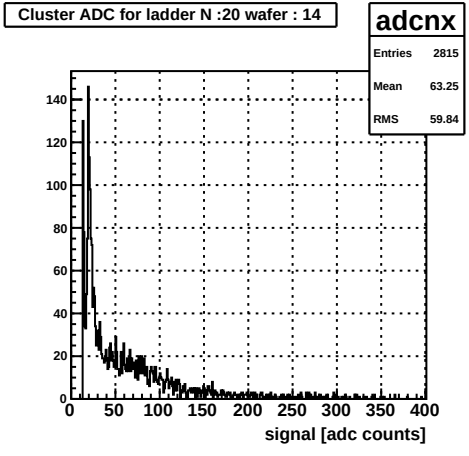

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4011
Mean 51.62
RMS 56.32
signal [adc counts]

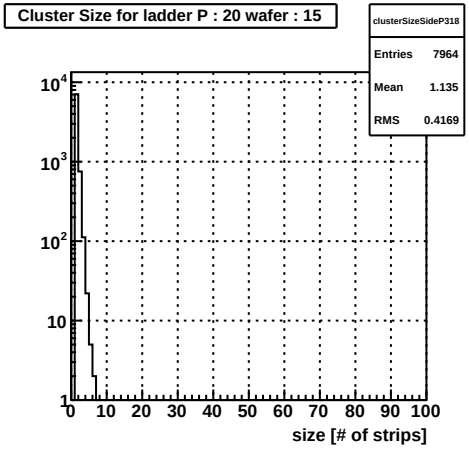

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2046
Mean 1.143
RMS 0.4489
size [# of strips]

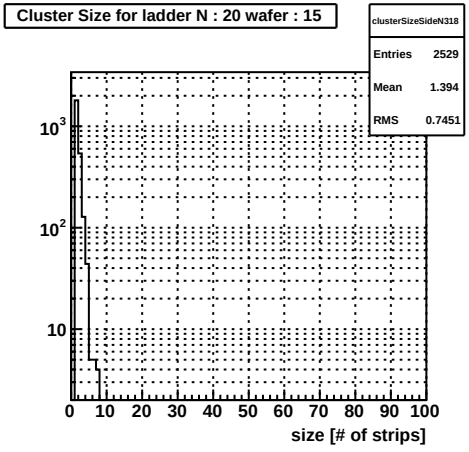

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2815
Mean 1.475
RMS 0.8711
size [# of strips]

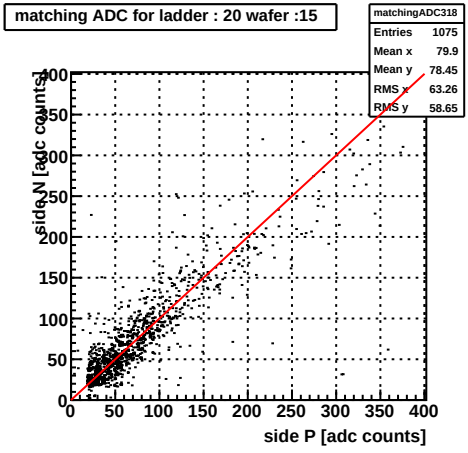

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 912
Mean x 91.21
Mean y 92.43
RMS x 61.98
RMS y 62.94
side N [adc counts]
side P [adc counts]

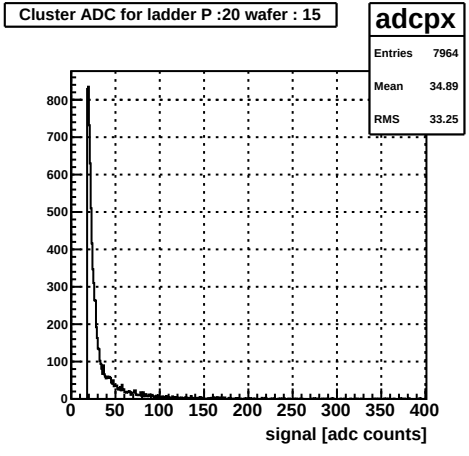

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2046
Mean 58.78
RMS 47.65
signal [adc counts]

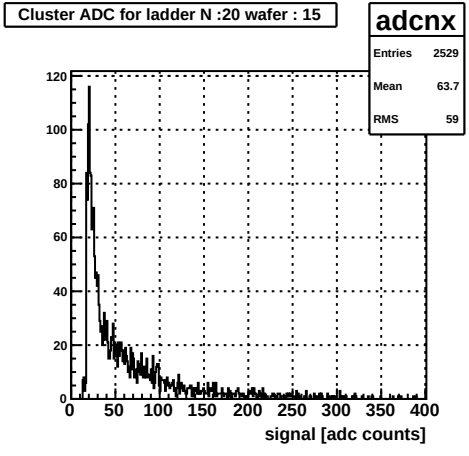

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2815
Mean 63.25
RMS 59.84
signal [adc counts]

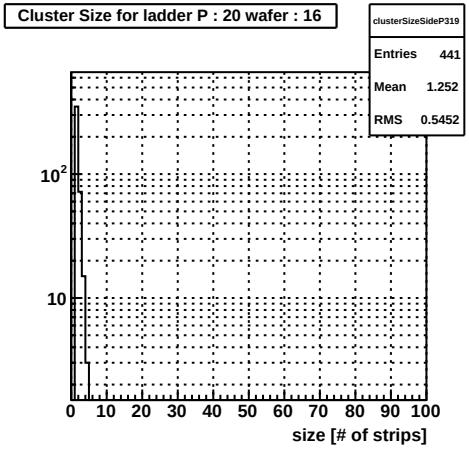

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7964
Mean 1.135
RMS 0.4169
size [# of strips]

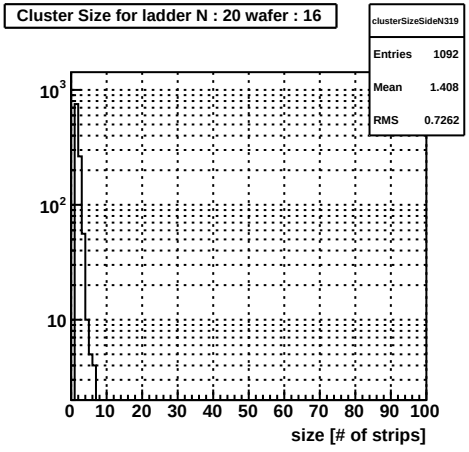

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2529
Mean 1.394
RMS 0.7451
size [# of strips]

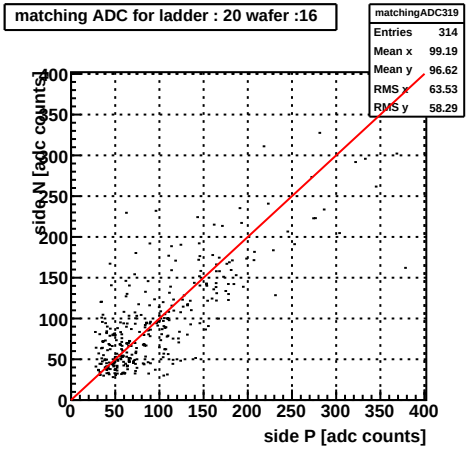

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1075
Mean x 79.9
Mean y 78.45
RMS x 63.26
RMS y 58.65
side N [adc counts]
side P [adc counts]

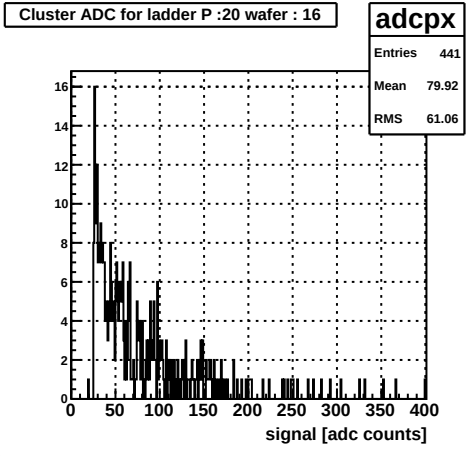

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7964
Mean 34.89
RMS 33.25
signal [adc counts]

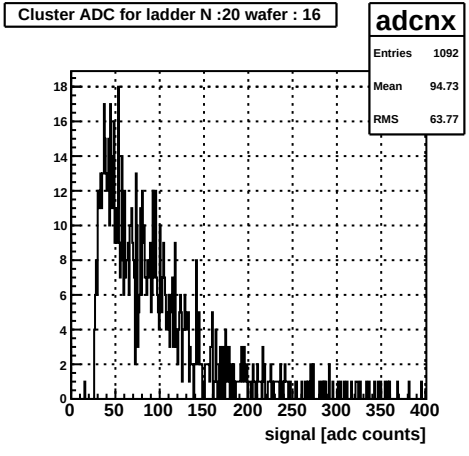

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2529
Mean 63.7
RMS 59
signal [adc counts]

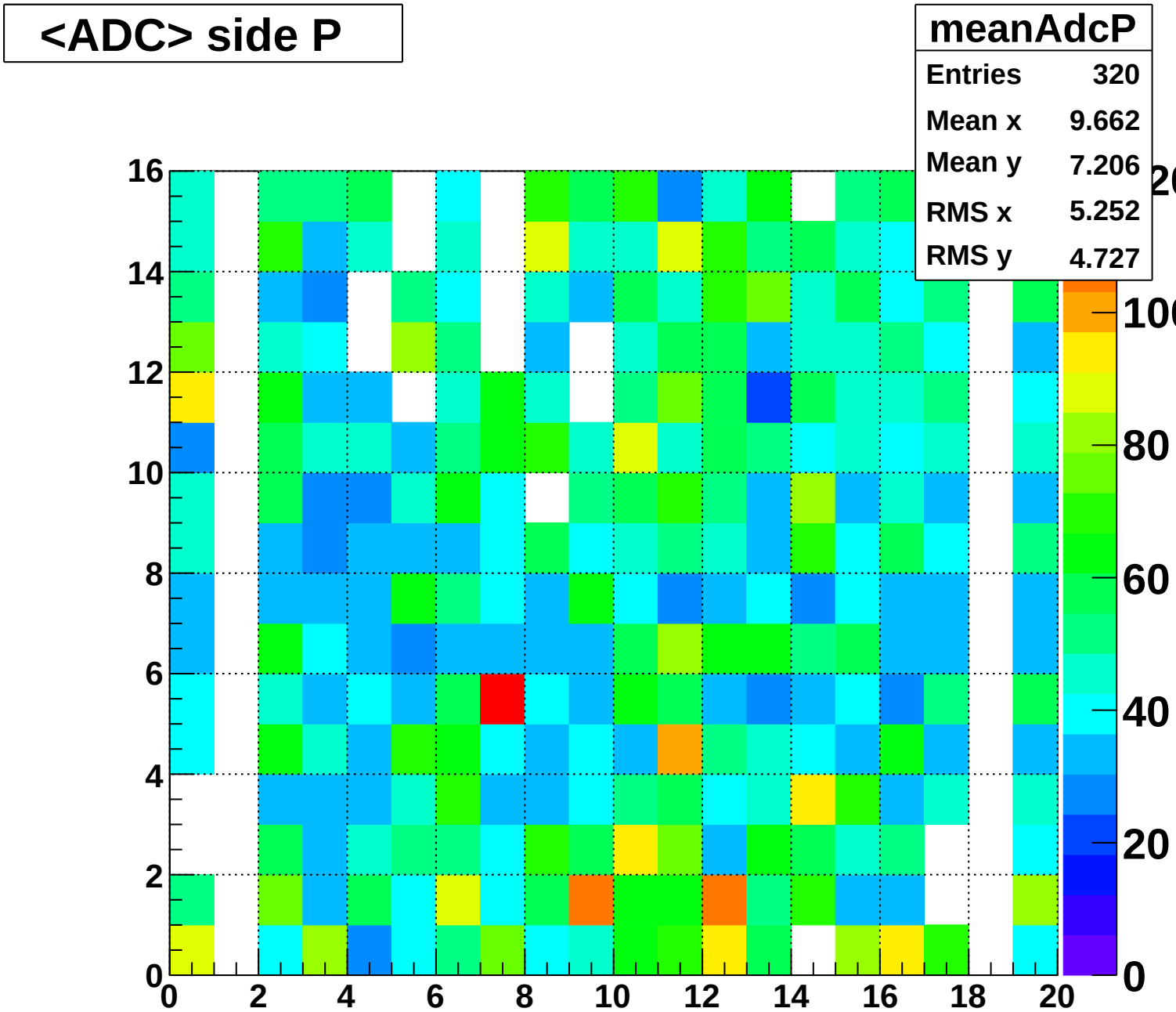

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 441
Mean 1.252
RMS 0.5452
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1092
Mean 1.408
RMS 0.7262
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 314
Mean x 99.19
Mean y 96.62
RMS x 63.53
RMS y 58.29
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 441
Mean 79.92
RMS 61.06
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1092
Mean 94.73
RMS 63.77
signal [adc counts]



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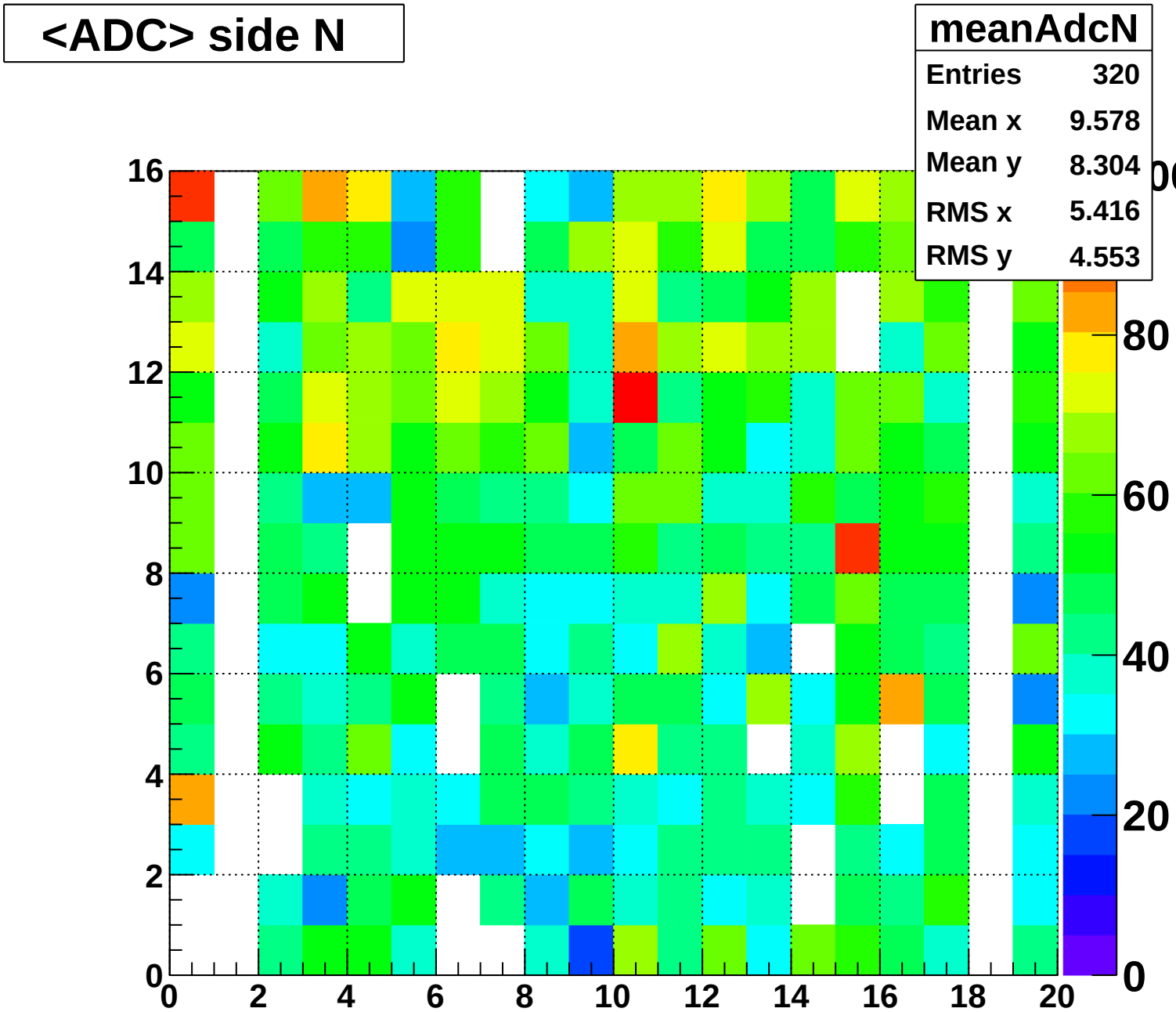

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