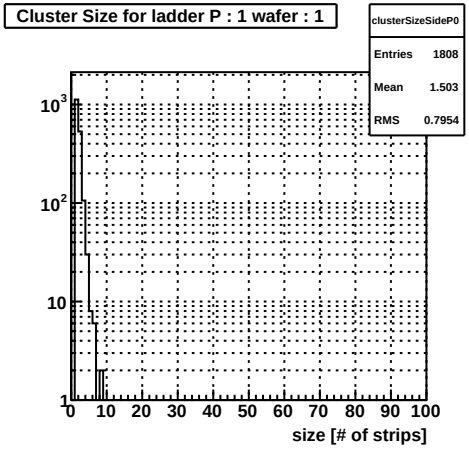
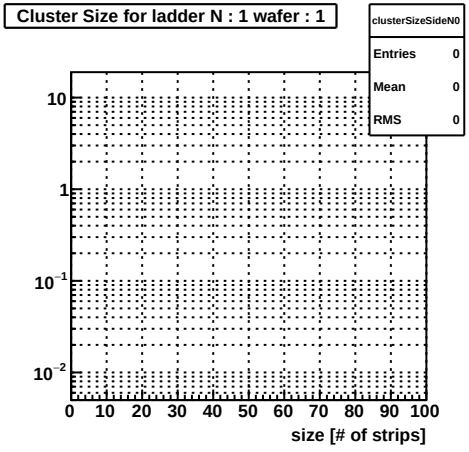
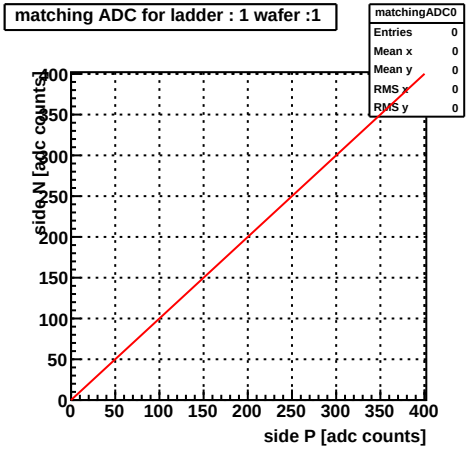
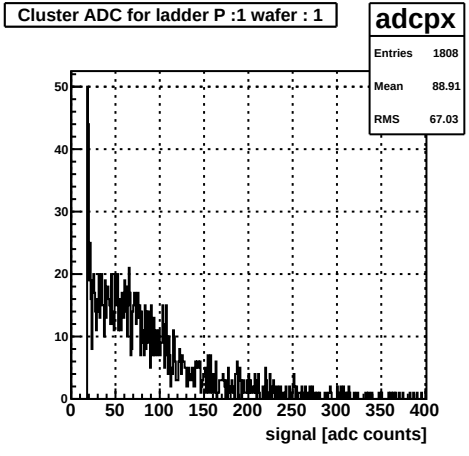
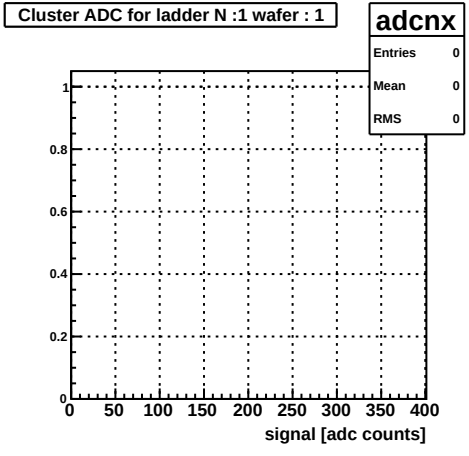
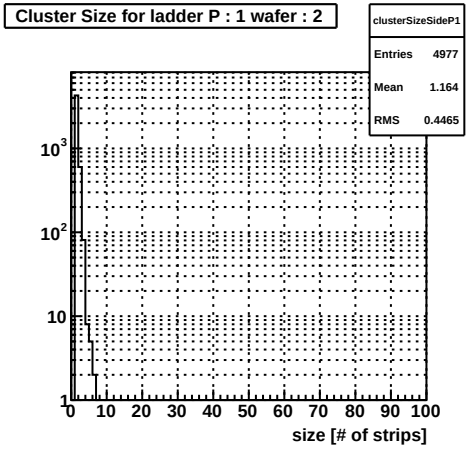

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1808
Mean 1.503
RMS 0.7954
size [# of strips]

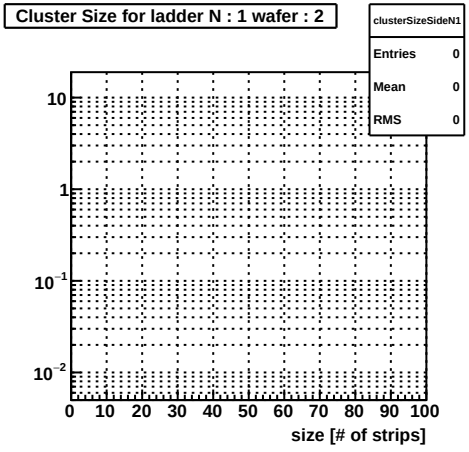

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

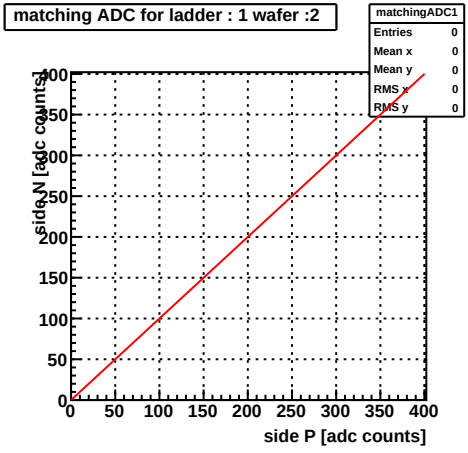

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

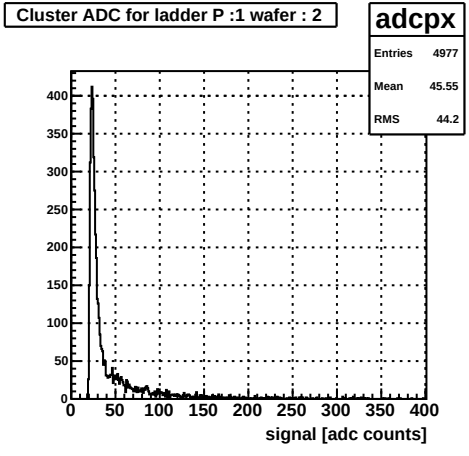

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1808
Mean 88.91
RMS 67.03
signal [adc counts]

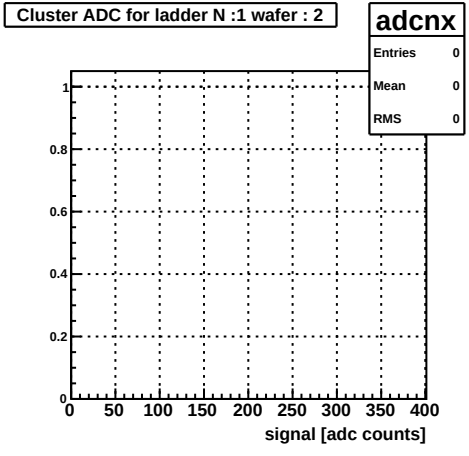

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

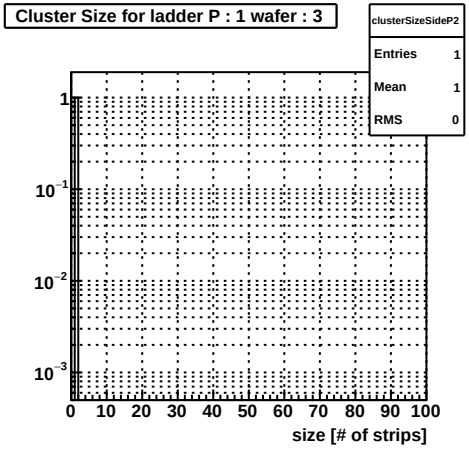

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4977
Mean 1.164
RMS 0.4465
size [# of strips]

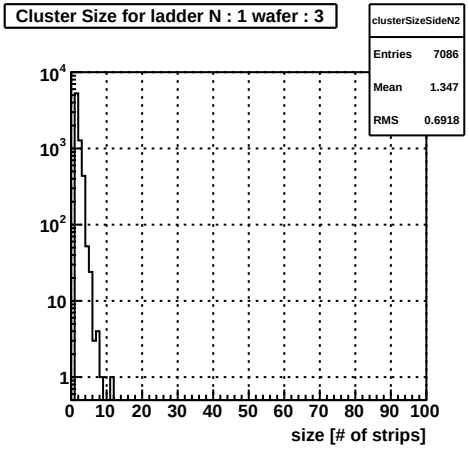

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

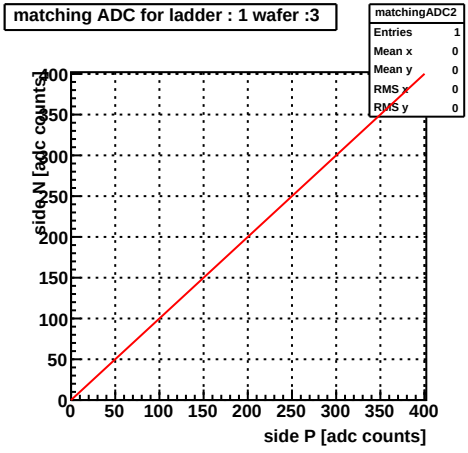

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

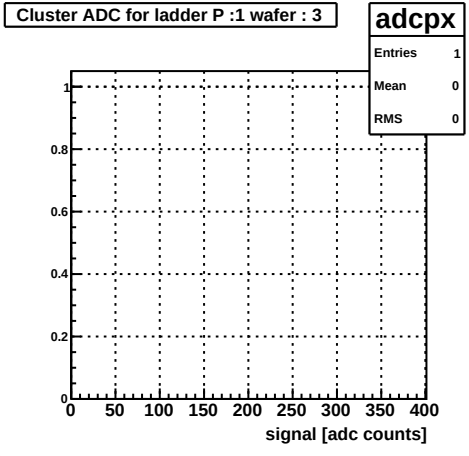

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4977
Mean 45.55
RMS 44.2
signal [adc counts]

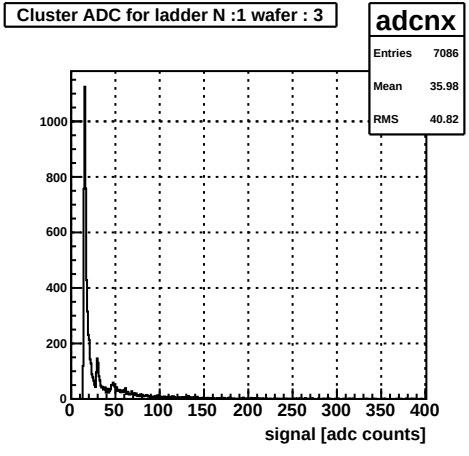

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

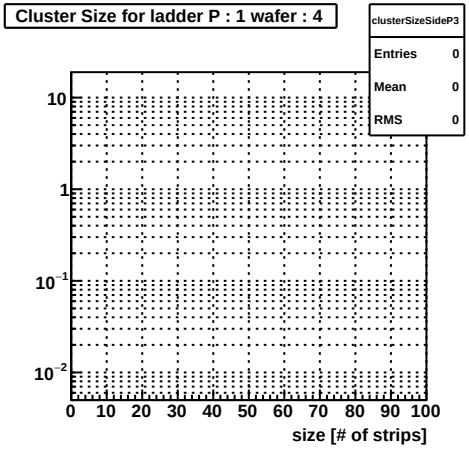

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

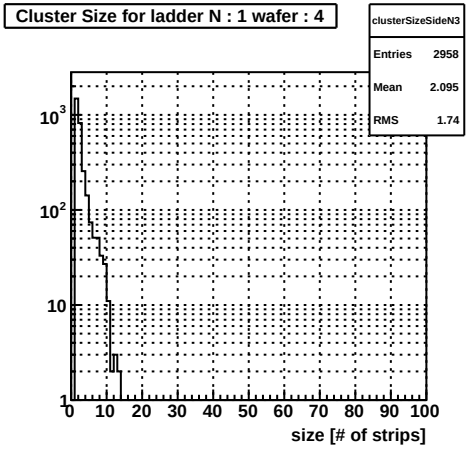

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 7086
Mean 1.347
RMS 0.6918
size [# of strips]

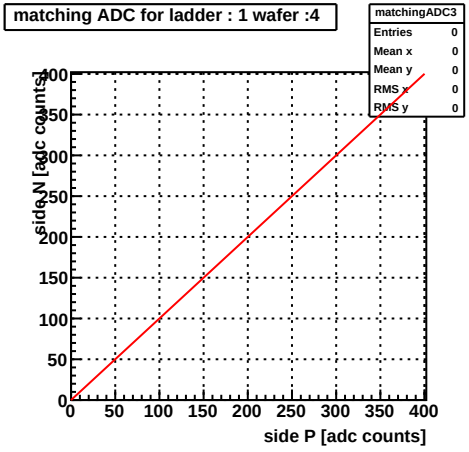

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

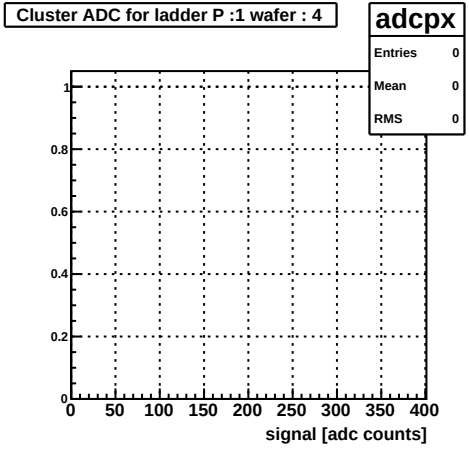

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

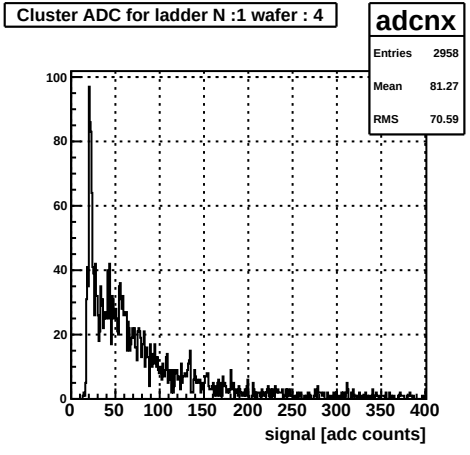

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 7086
Mean 35.98
RMS 40.82
signal [adc counts]

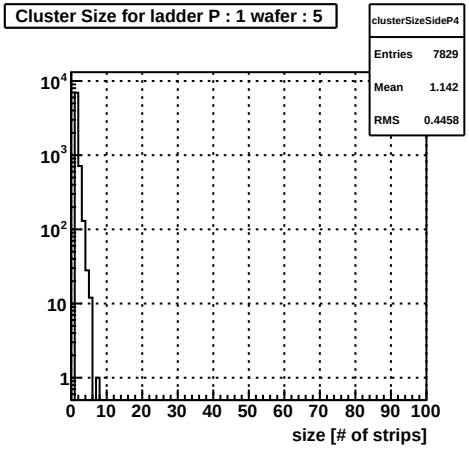

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

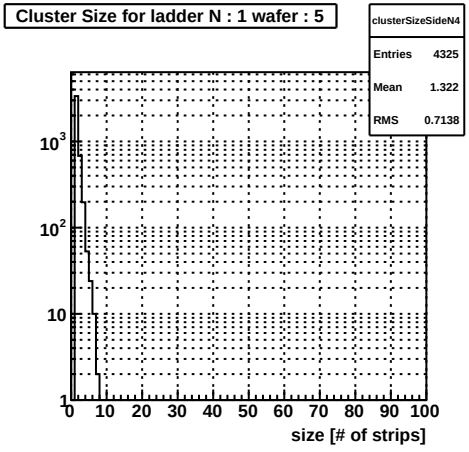

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2958
Mean 2.095
RMS 1.74
size [# of strips]

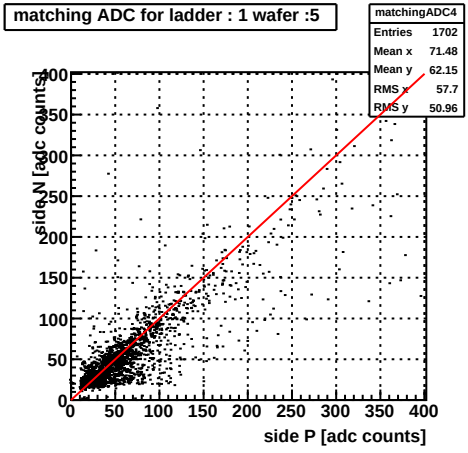

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

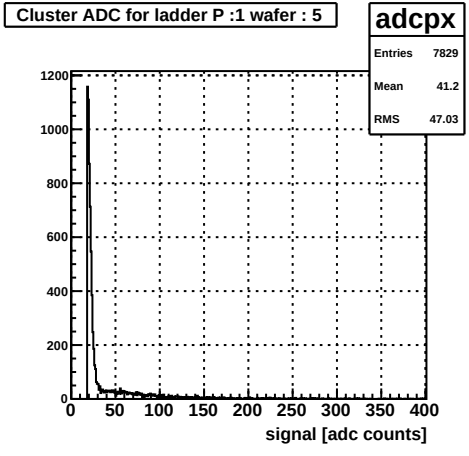

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

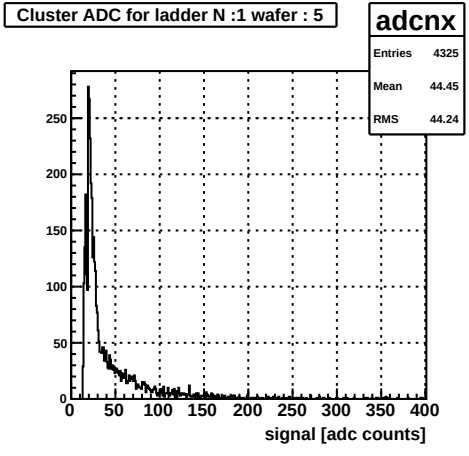

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2958
Mean 81.27
RMS 70.59
signal [adc counts]

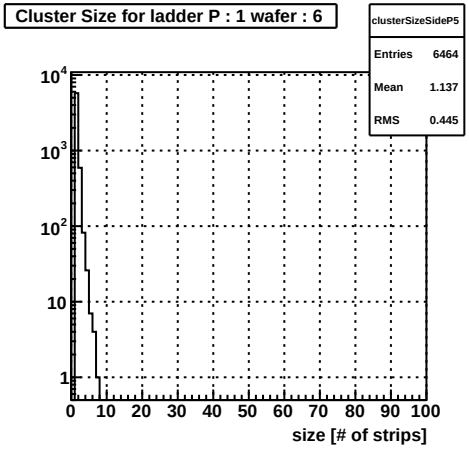

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7829
Mean 1.142
RMS 0.4458
size [# of strips]

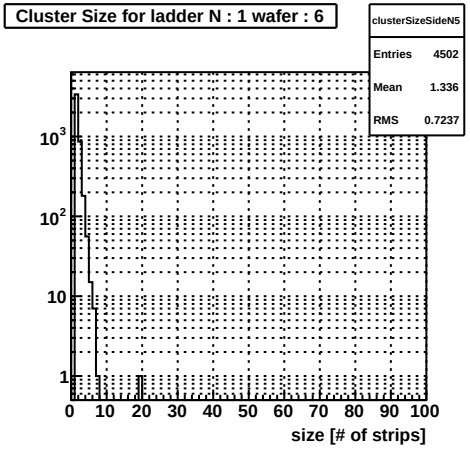

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4325
Mean 1.322
RMS 0.7138
size [# of strips]

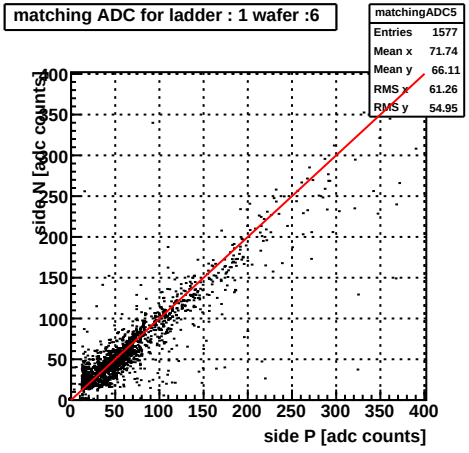

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1702
Mean x 71.48
Mean y 62.15
RMS x 57.7
RMS y 50.96
side N [adc counts]
side P [adc counts]

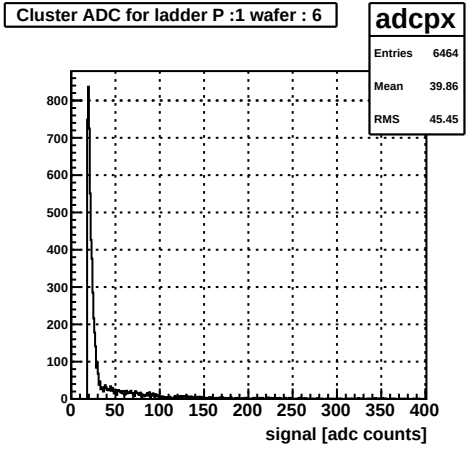

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7829
Mean 41.2
RMS 47.03
signal [adc counts]

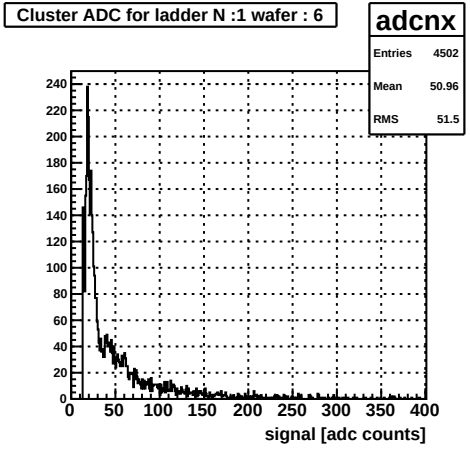

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4325
Mean 44.45
RMS 44.24
signal [adc counts]

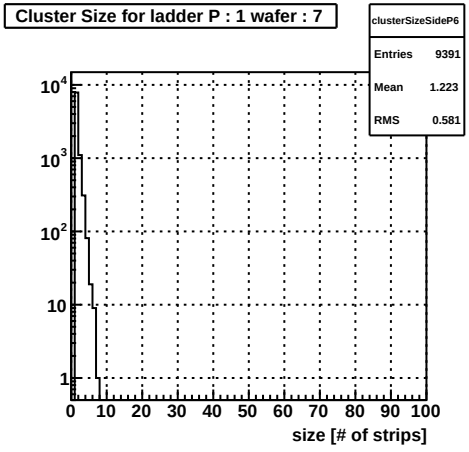

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6464
Mean 1.137
RMS 0.445
size [# of strips]

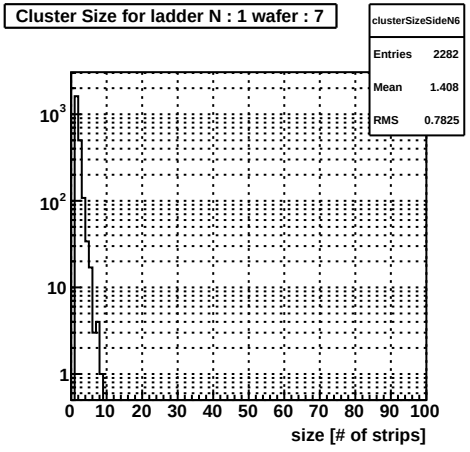

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4502
Mean 1.336
RMS 0.7237
size [# of strips]

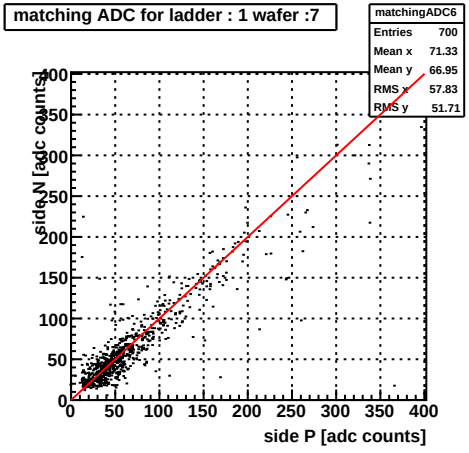

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1577
Mean x 71.74
Mean y 66.11
RMS x 61.26
RMS y 54.95
side N [adc counts]
side P [adc counts]

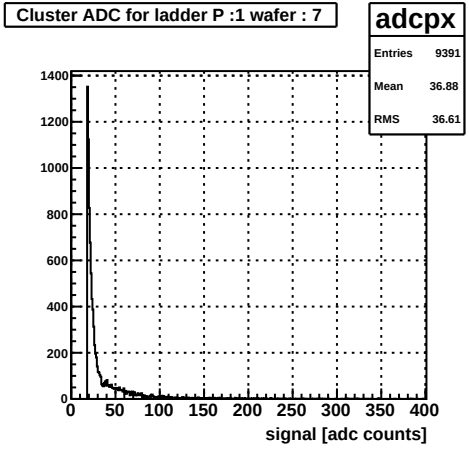

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6464
Mean 39.86
RMS 45.45
signal [adc counts]

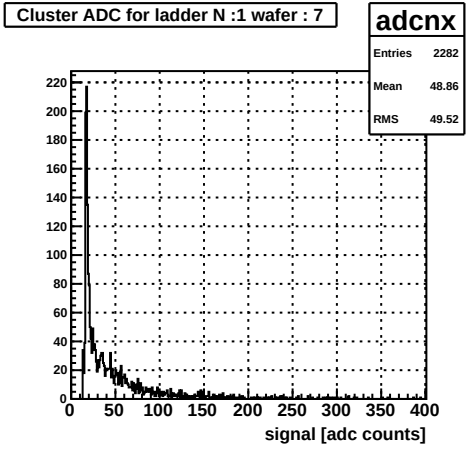

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4502
Mean 50.96
RMS 51.5
signal [adc counts]

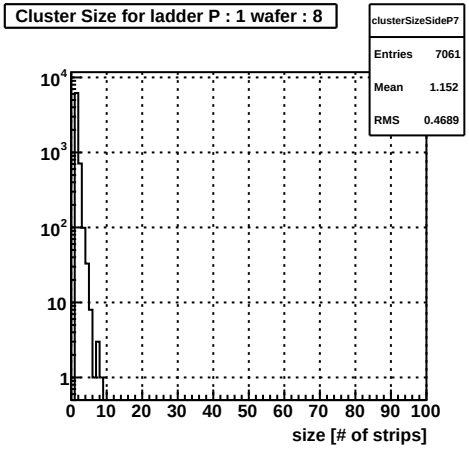

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9391
Mean 1.223
RMS 0.581
size [# of strips]

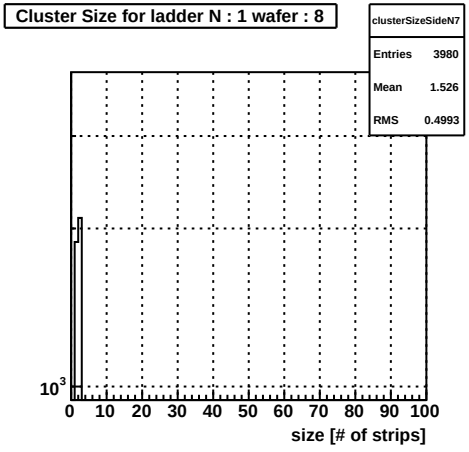

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2282
Mean 1.408
RMS 0.7825
size [# of strips]

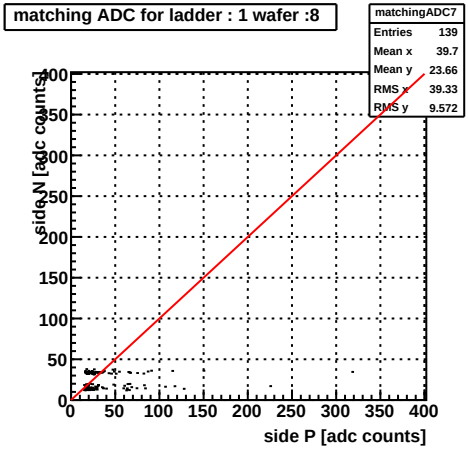

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 700
Mean x 71.33
Mean y 66.95
RMS x 57.83
RMS y 51.71
side N [adc counts]
side P [adc counts]

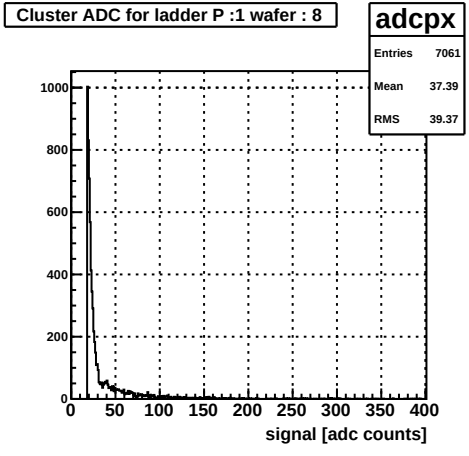

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9391
Mean 36.88
RMS 36.61
signal [adc counts]

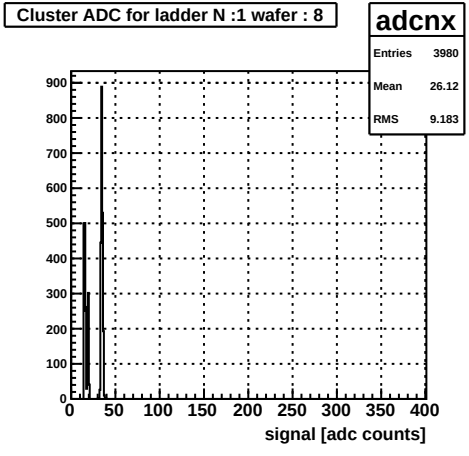

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2282
Mean 48.86
RMS 49.52
signal [adc counts]

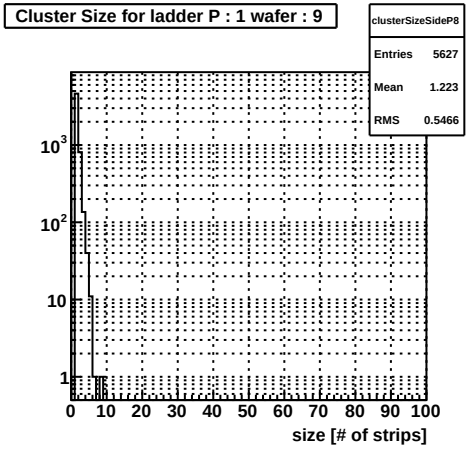

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7061
Mean 1.152
RMS 0.4689
size [# of strips]

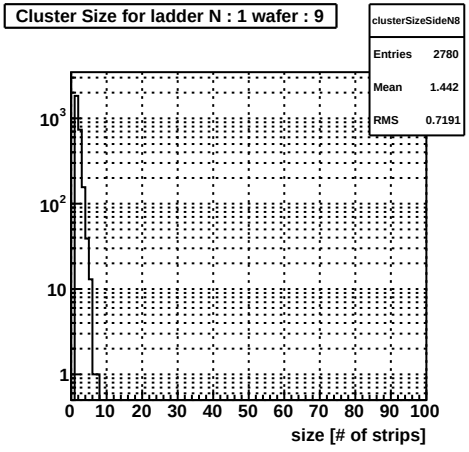

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3980
Mean 1.526
RMS 0.4993
size [# of strips]

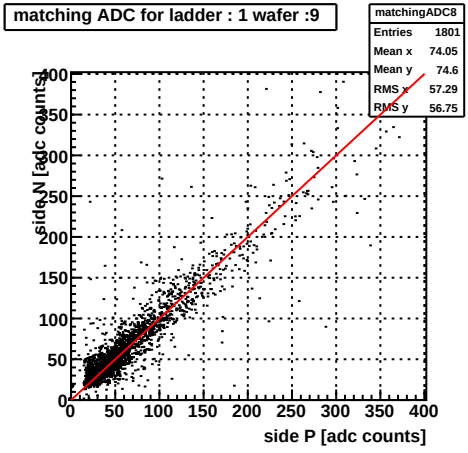

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 139
Mean x 39.7
Mean y 23.66
RMS x 39.33
RMS y 9.572
side N [adc counts]
side P [adc counts]

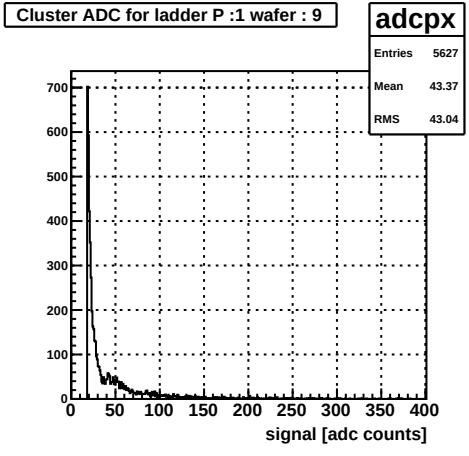

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7061
Mean 37.39
RMS 39.37
signal [adc counts]

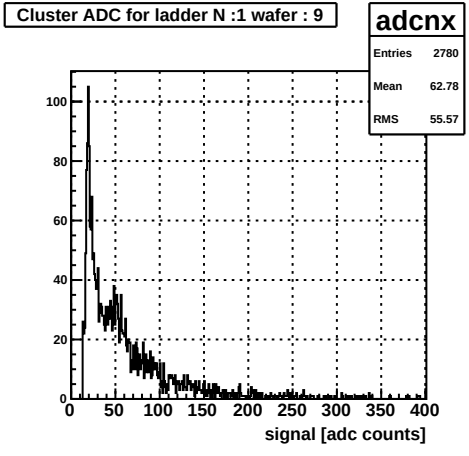

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3980
Mean 26.12
RMS 9.183
signal [adc counts]

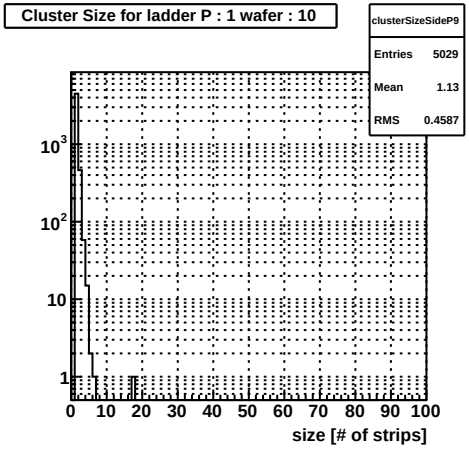

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5627
Mean 1.223
RMS 0.5466
size [# of strips]

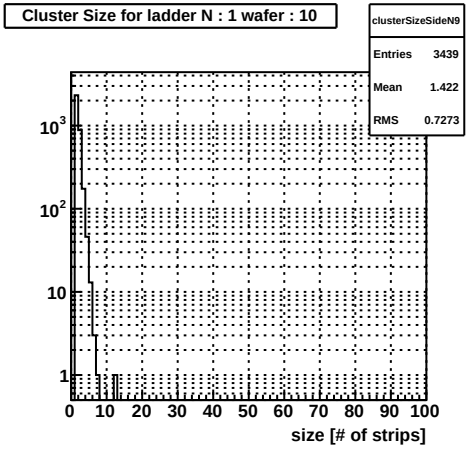

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2780
Mean 1.442
RMS 0.7191
size [# of strips]

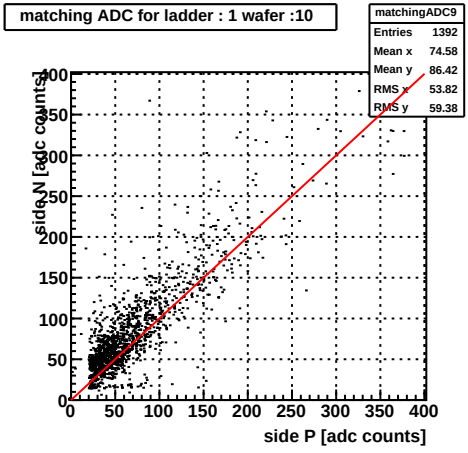

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1801
Mean x 74.05
Mean y 74.6
RMS x 57.29
RMS y 56.75
side N [adc counts]
side P [adc counts]

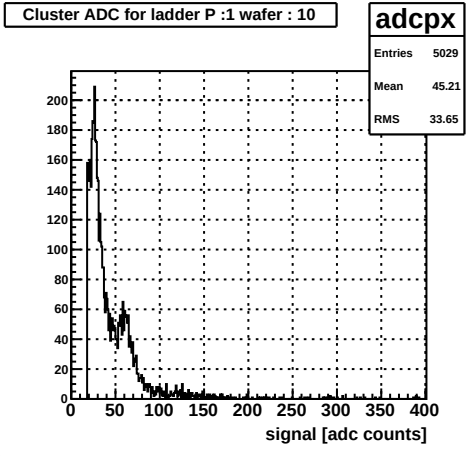

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5627
Mean 43.37
RMS 43.04
signal [adc counts]

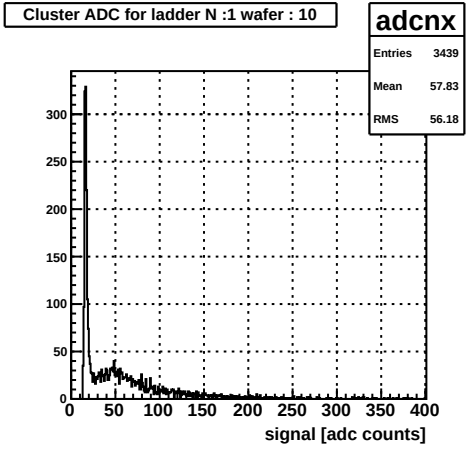

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2780
Mean 62.78
RMS 55.57
signal [adc counts]

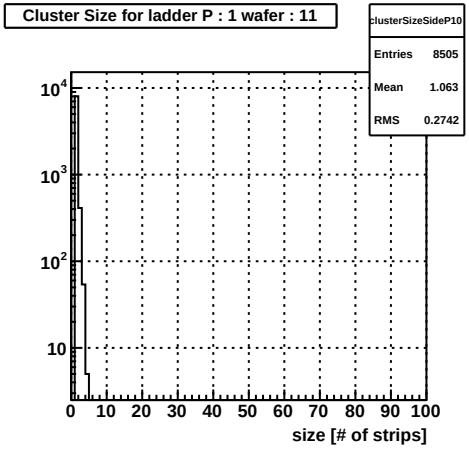

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5029
Mean 1.13
RMS 0.4587
size [# of strips]

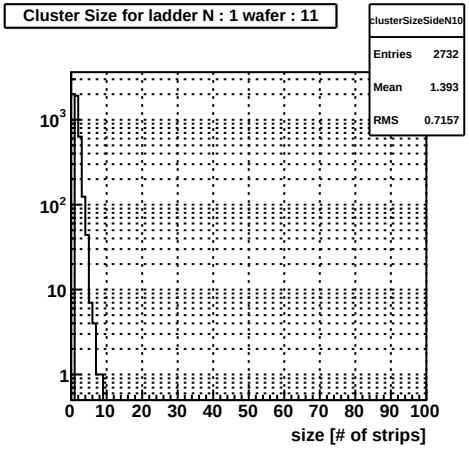

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3439
Mean 1.422
RMS 0.7273
size [# of strips]

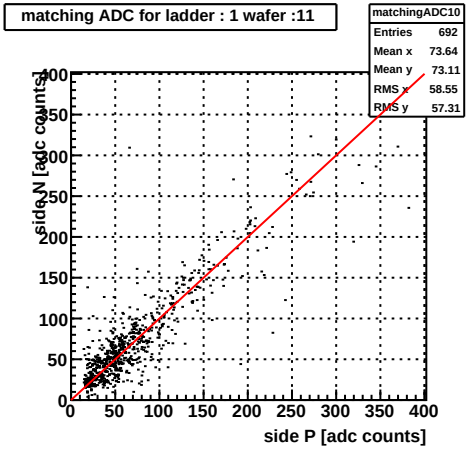

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1392
Mean x 74.58
Mean y 86.42
RMS x 53.82
RMS y 59.38
side N [adc counts]
side P [adc counts]

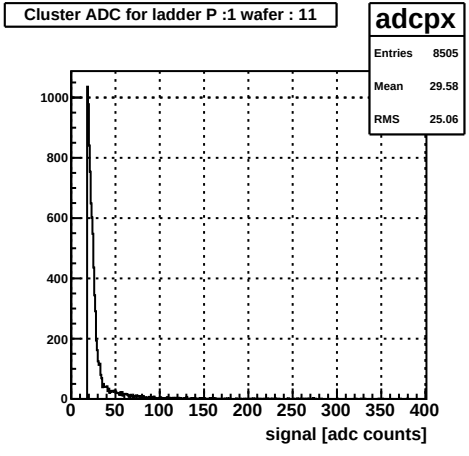

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5029
Mean 45.21
RMS 33.65
signal [adc counts]

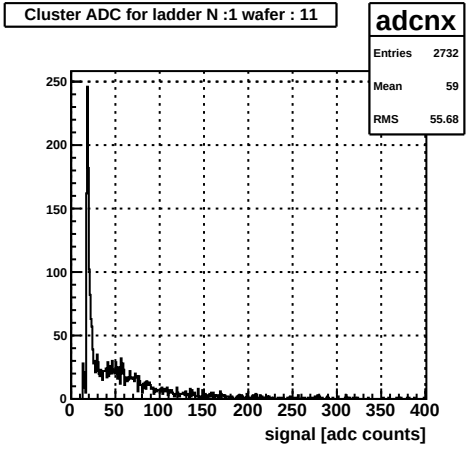

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3439
Mean 57.83
RMS 56.18
signal [adc counts]

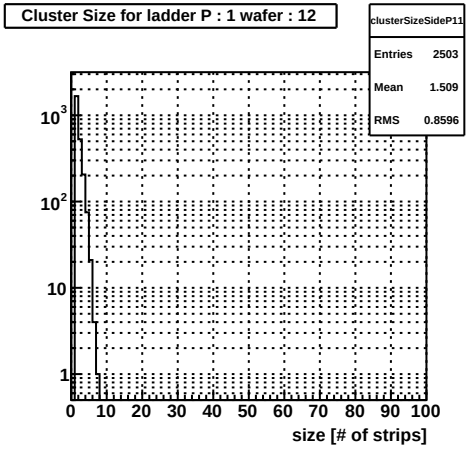

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8505
Mean 1.063
RMS 0.2742
size [# of strips]

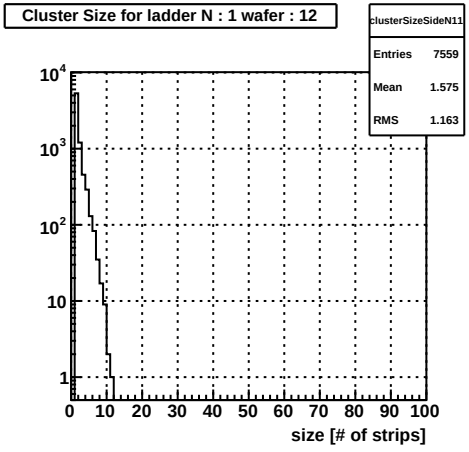

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2732
Mean 1.393
RMS 0.7157
size [# of strips]

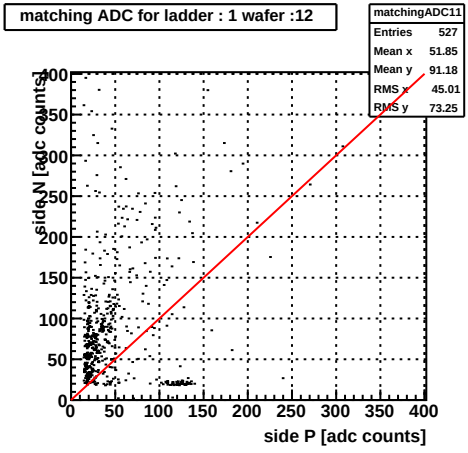

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 692
Mean x 73.64
Mean y 73.11
RMS x 58.55
RMS y 57.31
side N [adc counts]
side P [adc counts]

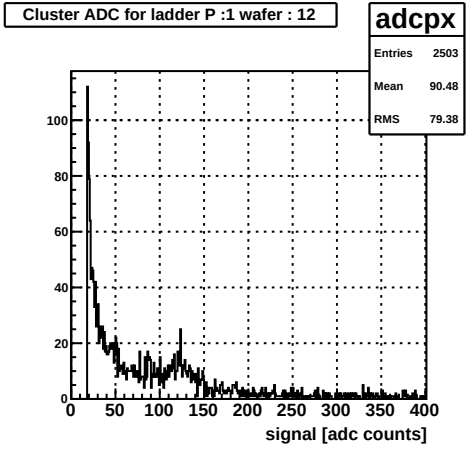

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8505
Mean 29.58
RMS 25.06
signal [adc counts]

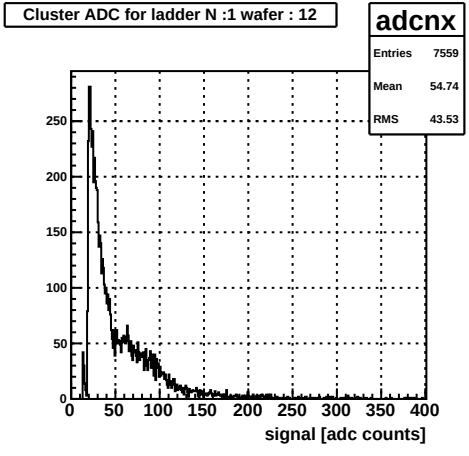

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2732
Mean 59
RMS 55.68
signal [adc counts]

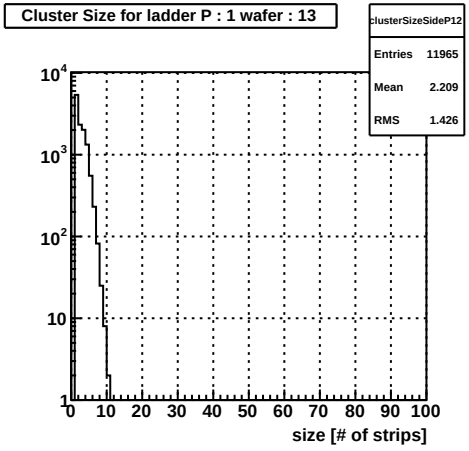

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2503
Mean 1.509
RMS 0.8596
size [# of strips]

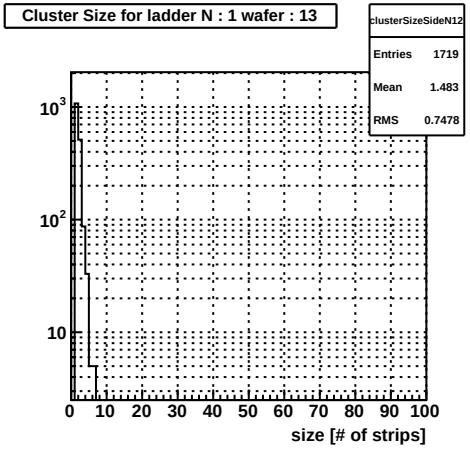

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7559
Mean 1.575
RMS 1.163
size [# of strips]

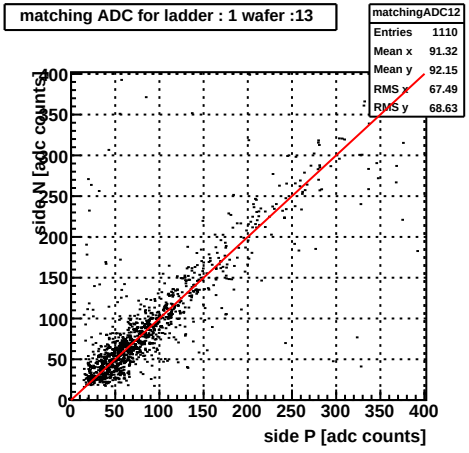

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 527
Mean x 51.85
Mean y 91.18
RMS x 45.01
RMS y 73.25
side N [adc counts]
side P [adc counts]

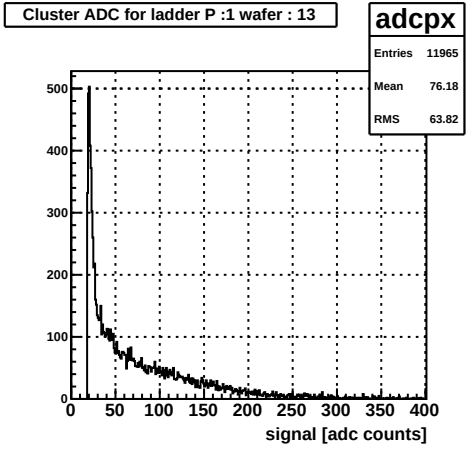

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2503
Mean 90.48
RMS 79.38
signal [adc counts]

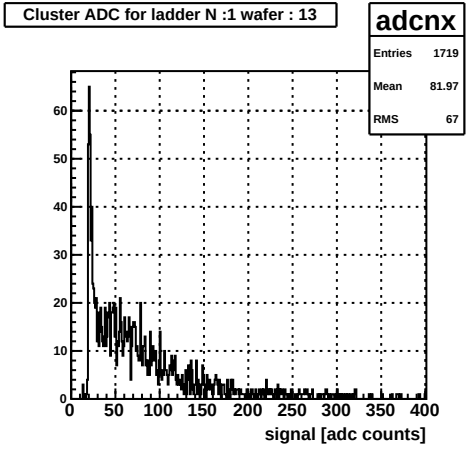

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7559
Mean 54.74
RMS 43.53
signal [adc counts]

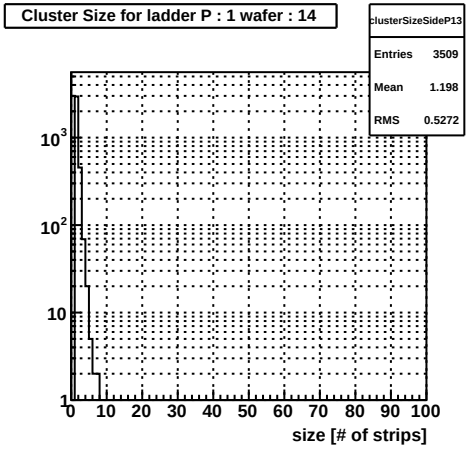

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11965
Mean 2.209
RMS 1.426
size [# of strips]

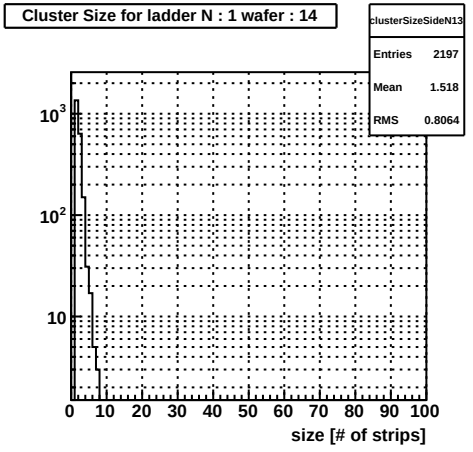

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1719
Mean 1.483
RMS 0.7478
size [# of strips]

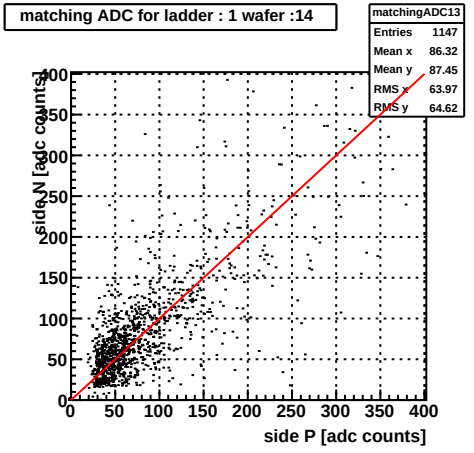

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1110
Mean x 91.32
Mean y 92.15
RMS x 67.49
RMS y 68.63
side N [adc counts]
side P [adc counts]

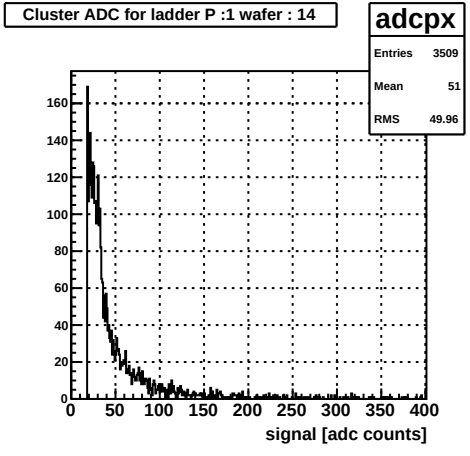

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11965
Mean 76.18
RMS 63.82
signal [adc counts]

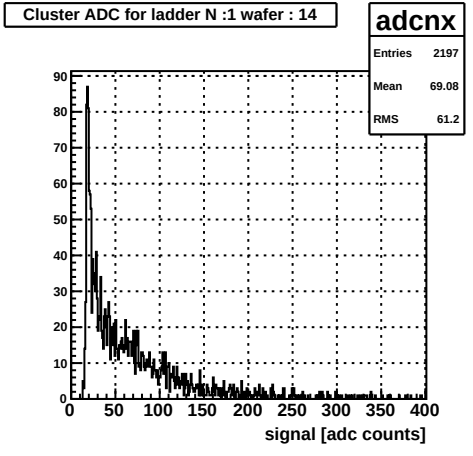

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1719
Mean 81.97
RMS 67
signal [adc counts]

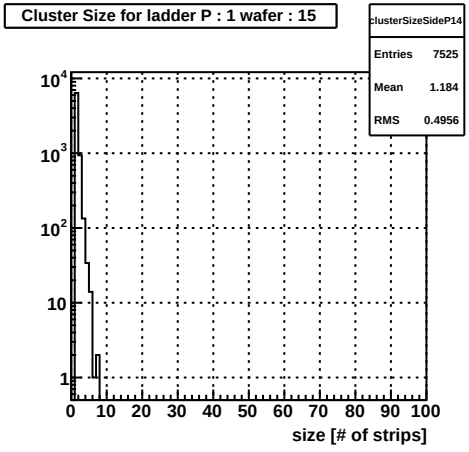

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3509
Mean 1.198
RMS 0.5272
size [# of strips]

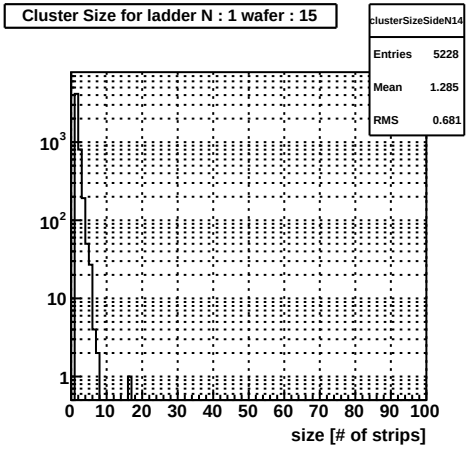

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2197
Mean 1.518
RMS 0.8064
size [# of strips]

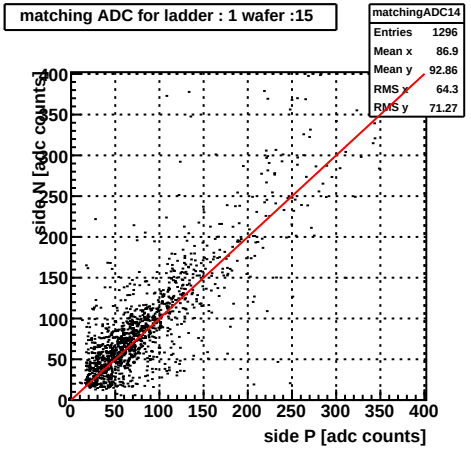

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1147
Mean x 86.32
Mean y 87.45
RMS x 63.97
RMS y 64.62
side N [adc counts]
side P [adc counts]

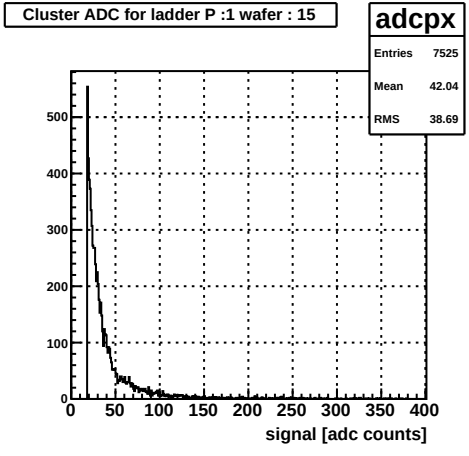

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3509
Mean 51
RMS 49.96
signal [adc counts]

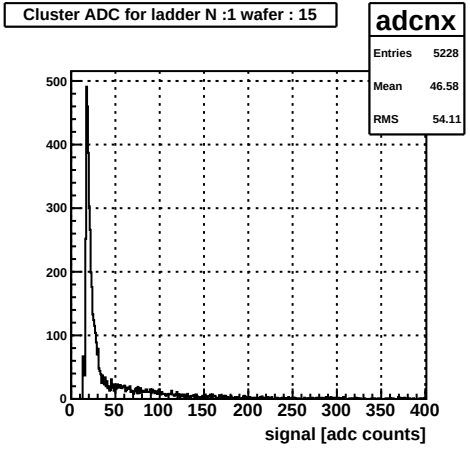

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2197
Mean 69.08
RMS 61.2
signal [adc counts]

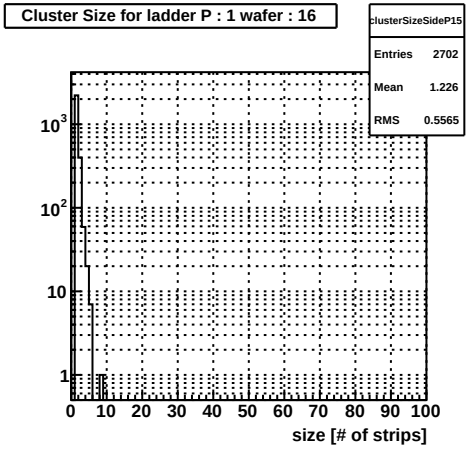

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7525
Mean 1.184
RMS 0.4956
size [# of strips]

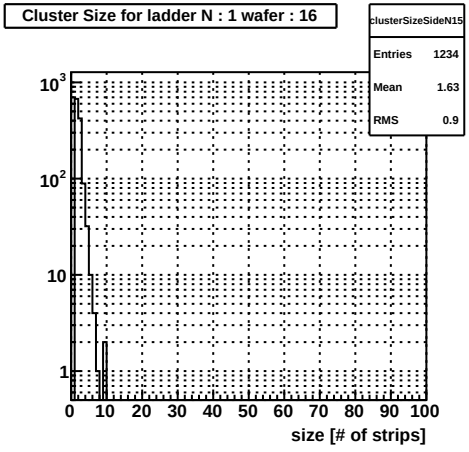

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5228
Mean 1.285
RMS 0.681
size [# of strips]

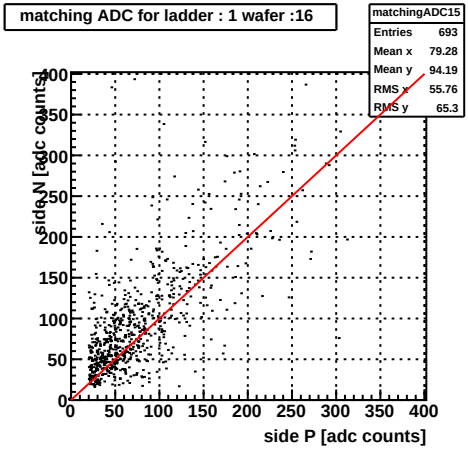

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1296
Mean x 86.9
Mean y 92.86
RMS x 64.3
RMS y 71.27
side N [adc counts]
side P [adc counts]

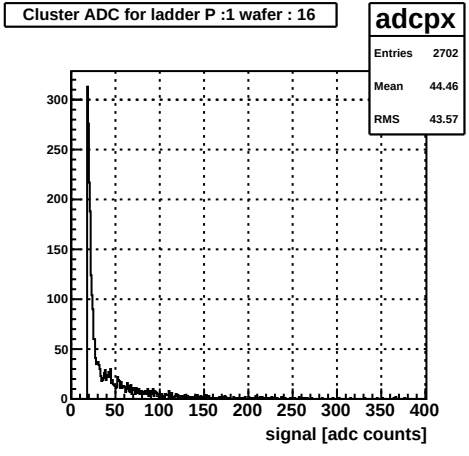

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7525
Mean 42.04
RMS 38.69
signal [adc counts]

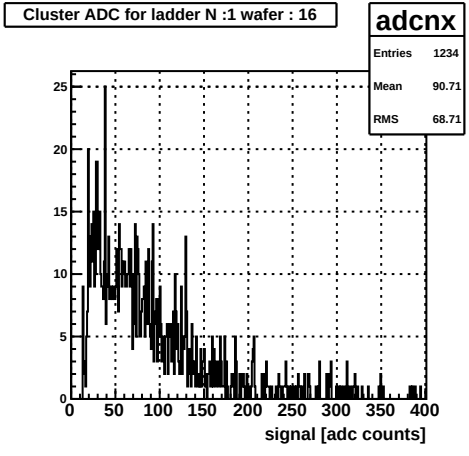

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5228
Mean 46.58
RMS 54.11
signal [adc counts]

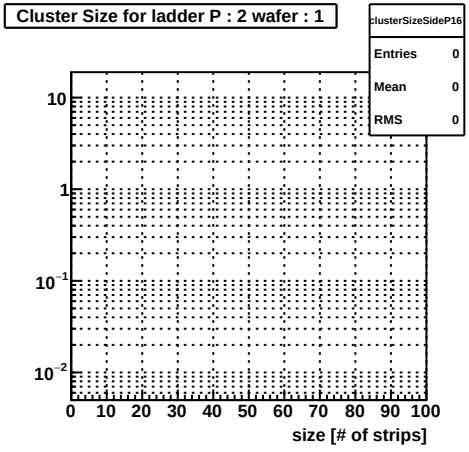

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2702
Mean 1.226
RMS 0.5565
size [# of strips]

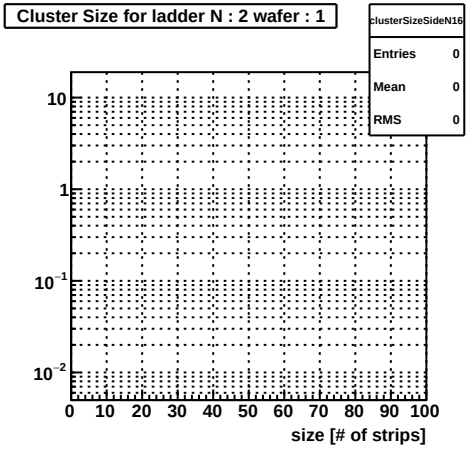

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1234
Mean 1.63
RMS 0.9
size [# of strips]

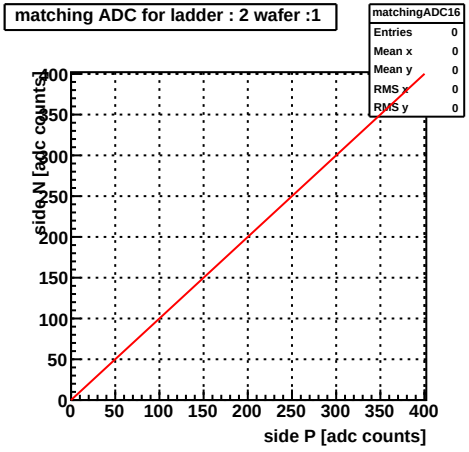

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 693
Mean x 79.28
Mean y 94.19
RMS x 55.76
RMS y 65.3
side N [adc counts]
side P [adc counts]

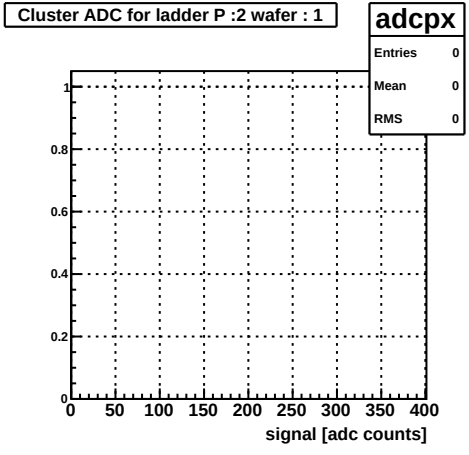

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2702
Mean 44.46
RMS 43.57
signal [adc counts]

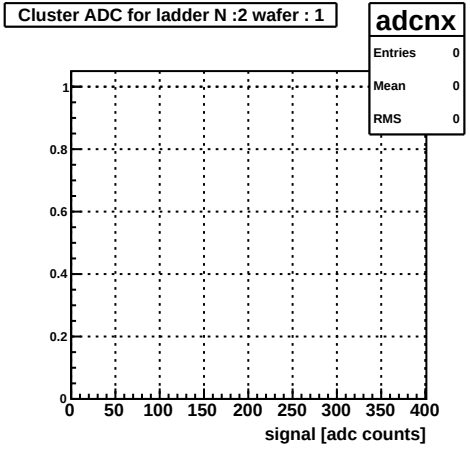

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1234
Mean 90.71
RMS 68.71
signal [adc counts]

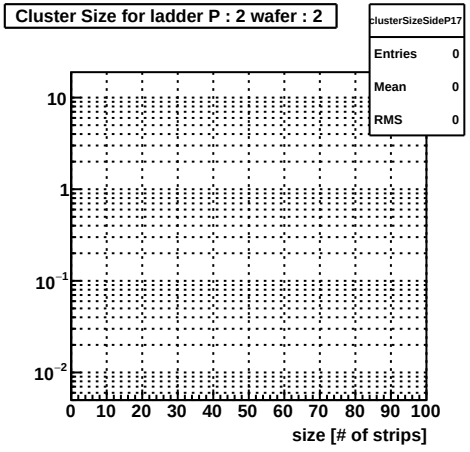

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

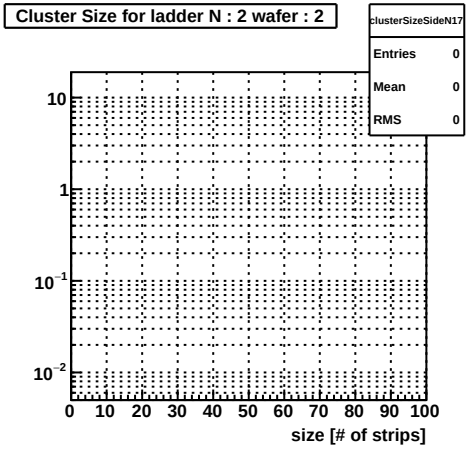

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

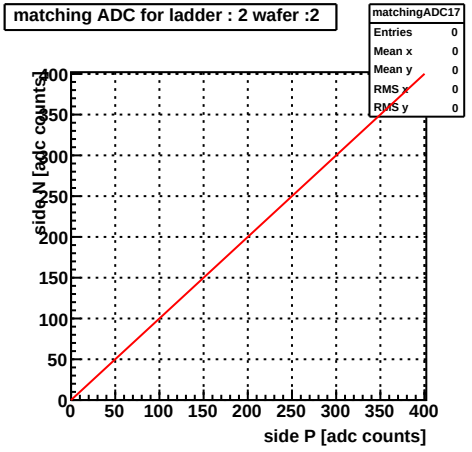

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

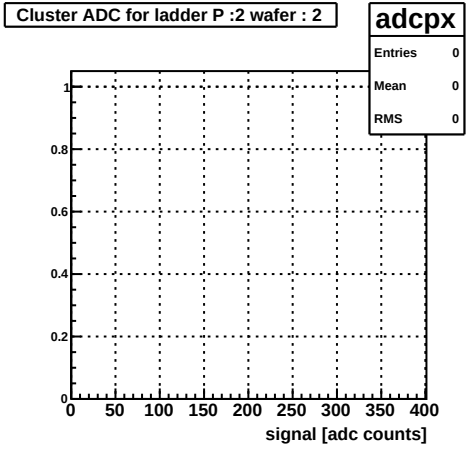

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

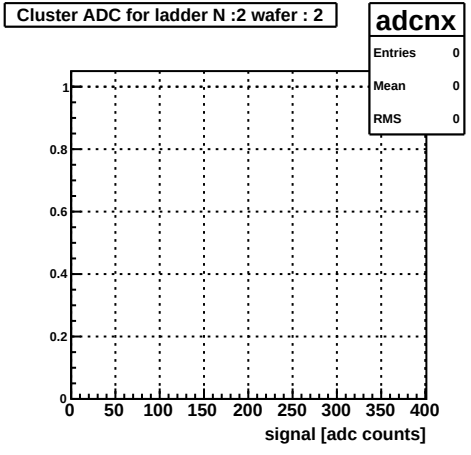

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

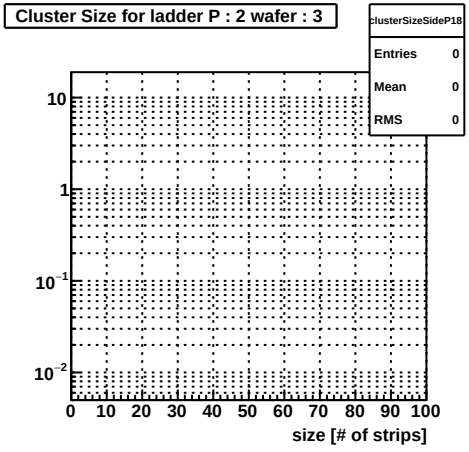

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

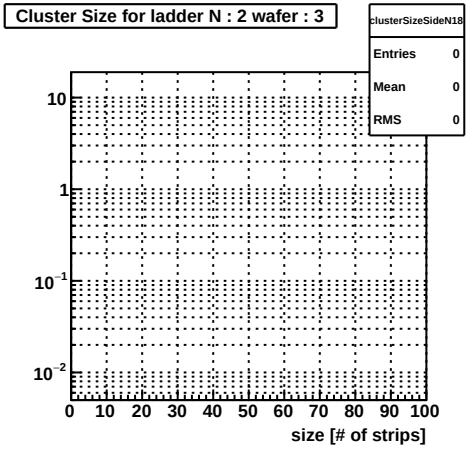

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

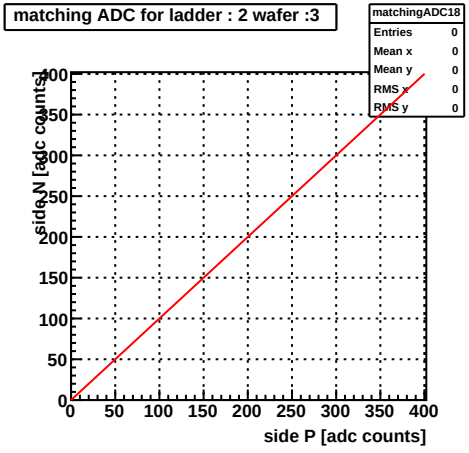

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

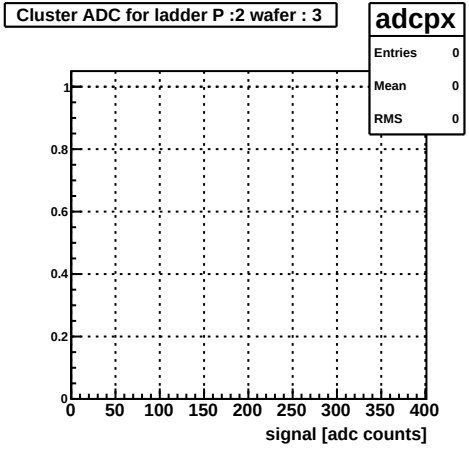

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

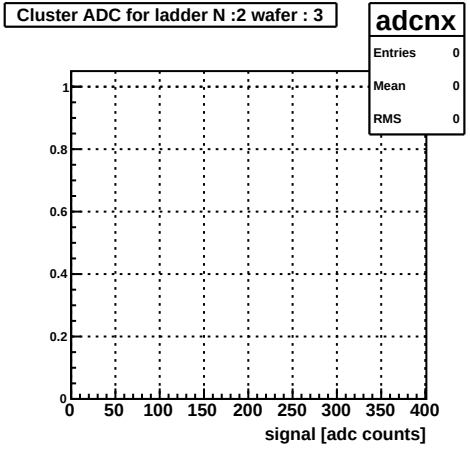

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

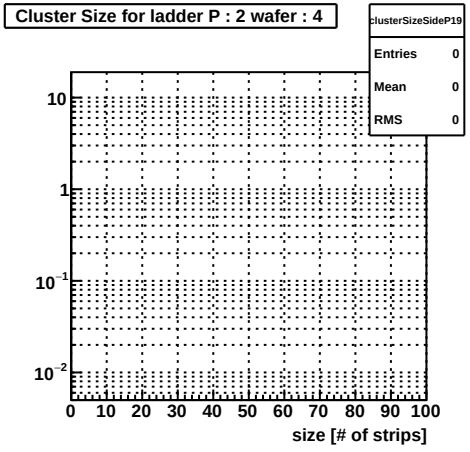

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

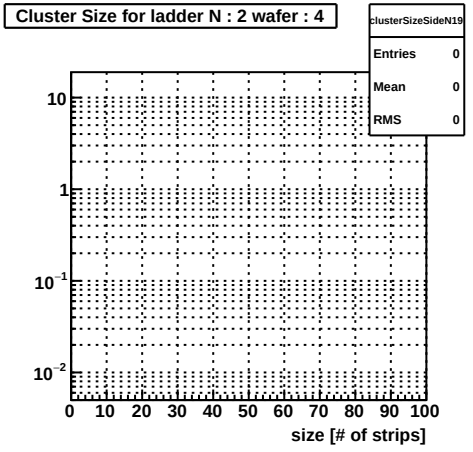

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

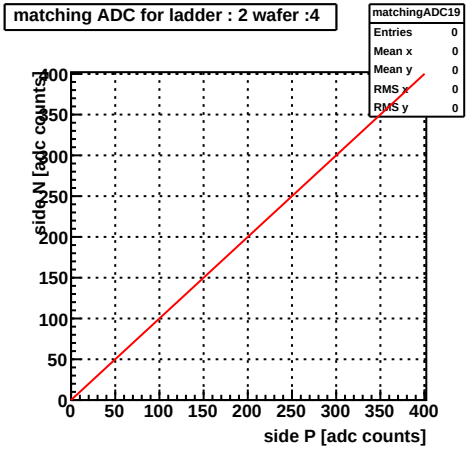

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

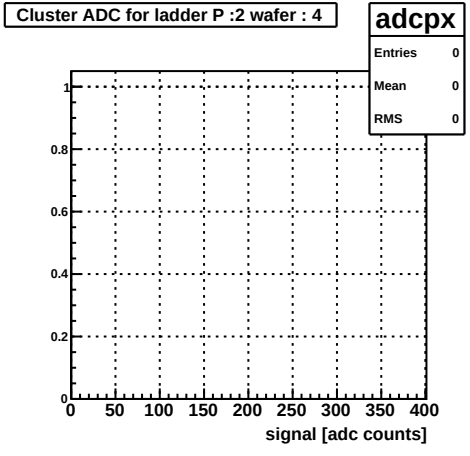

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

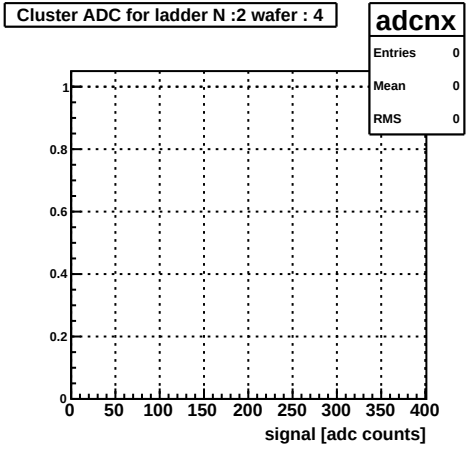

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

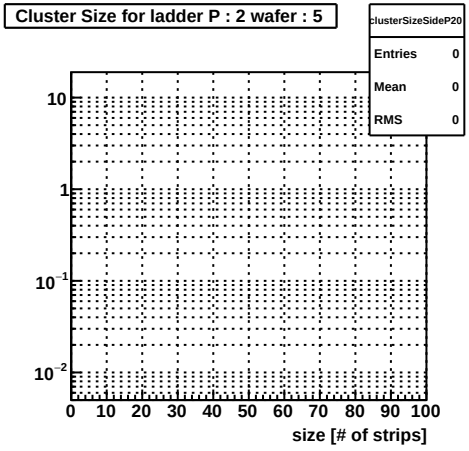

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

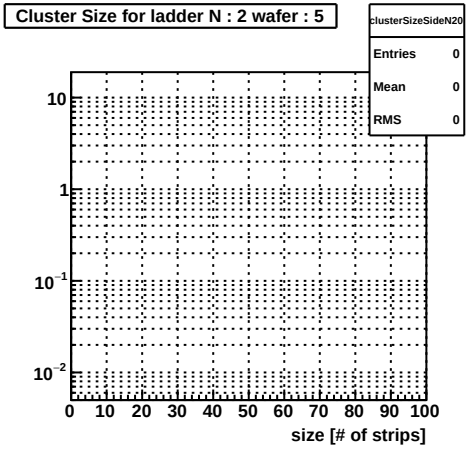

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

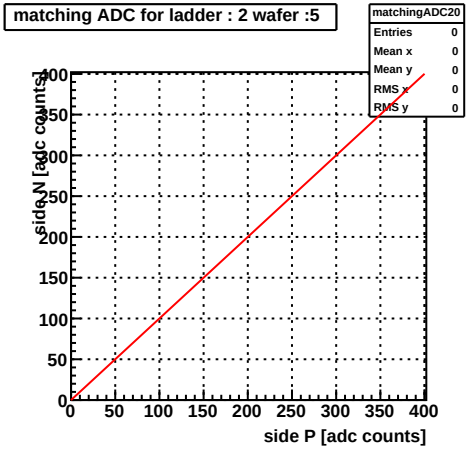

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

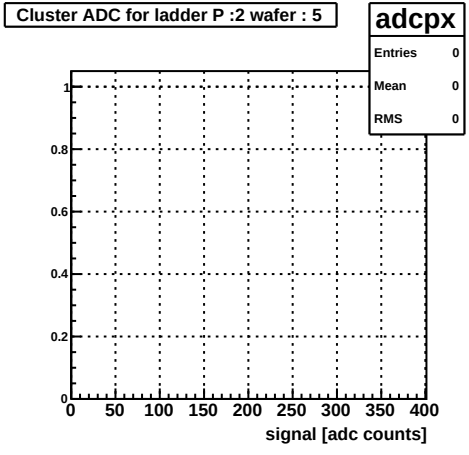

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

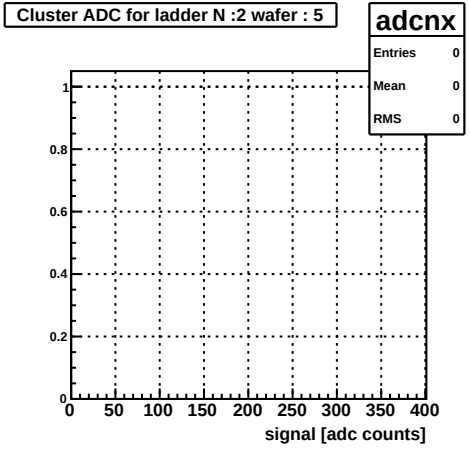

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

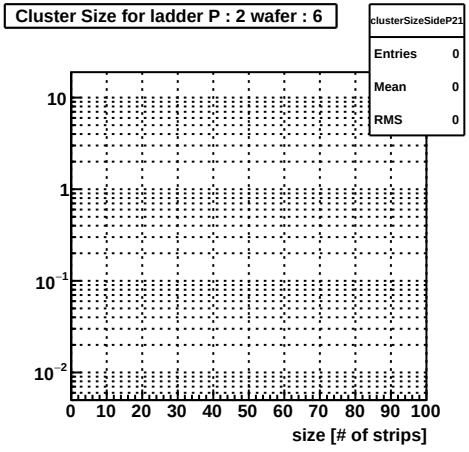

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

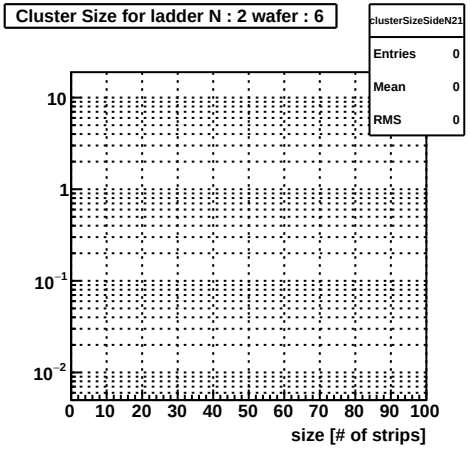

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

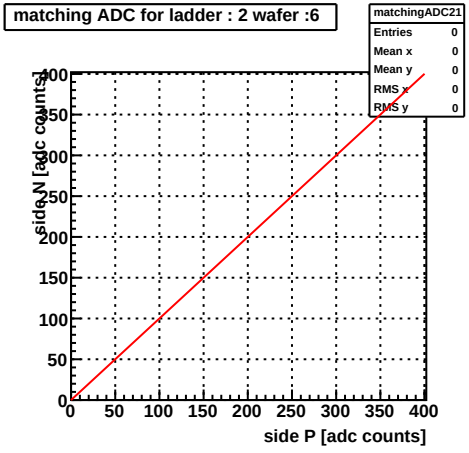

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

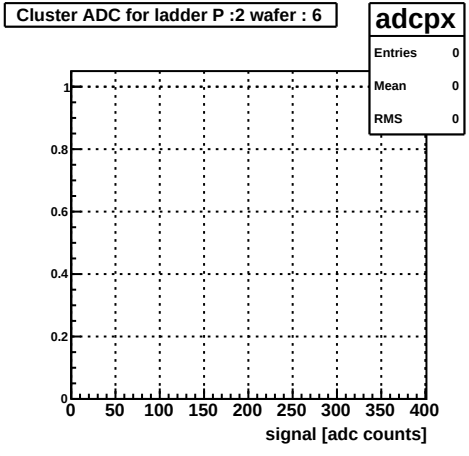

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

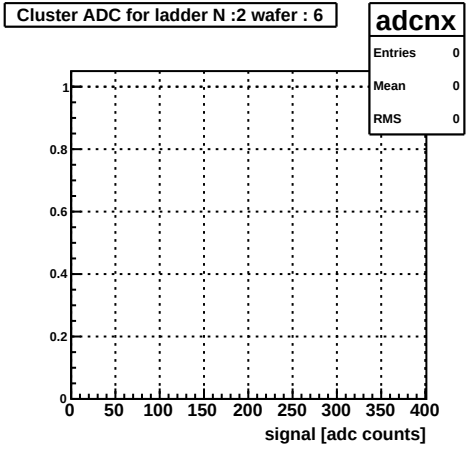

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

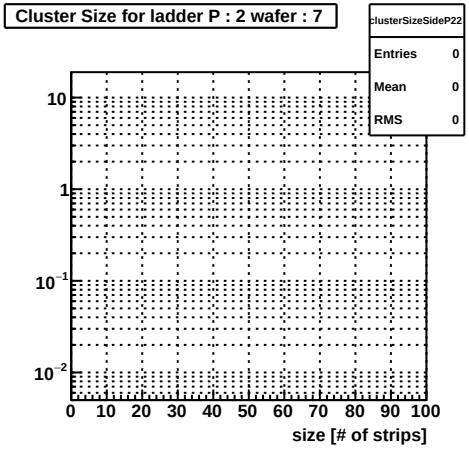

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

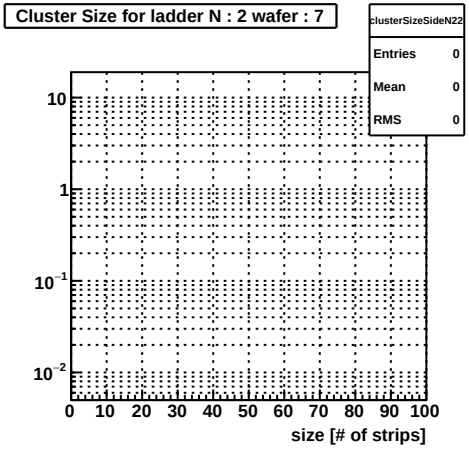

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

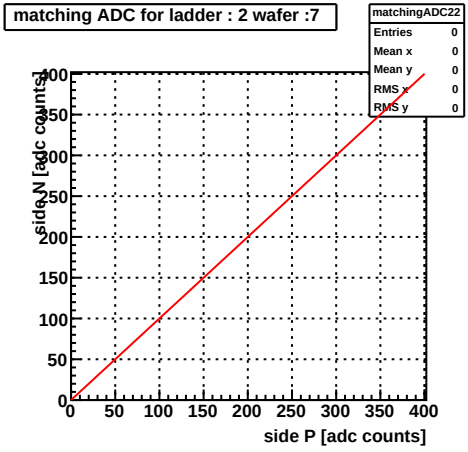

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

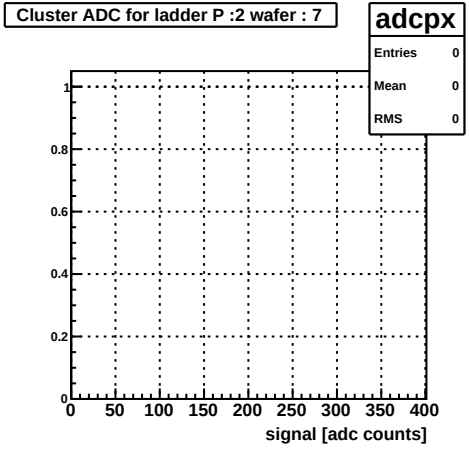

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

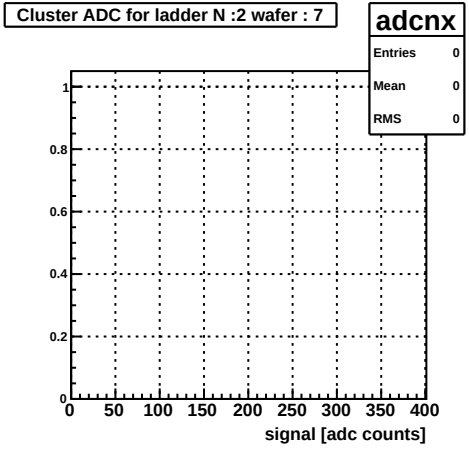

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

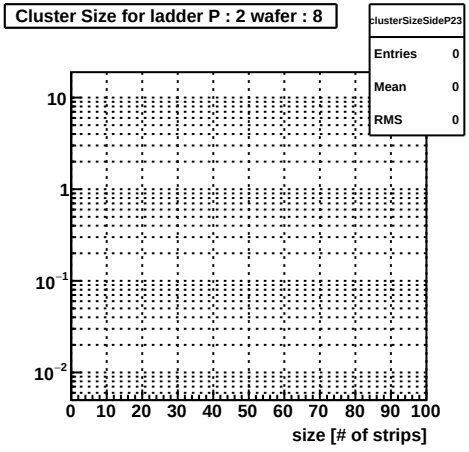

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

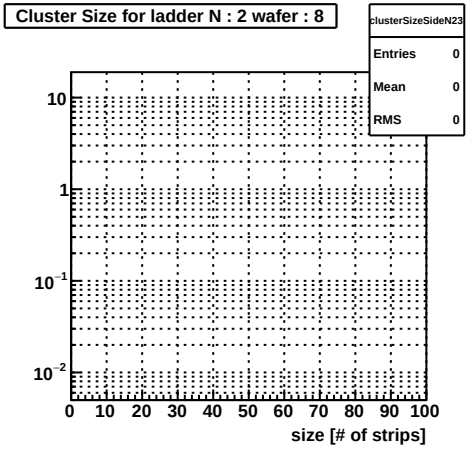

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

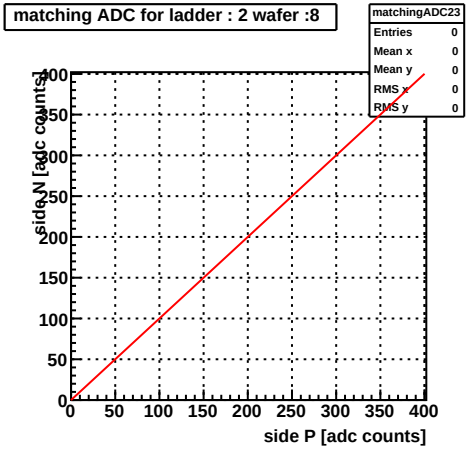

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

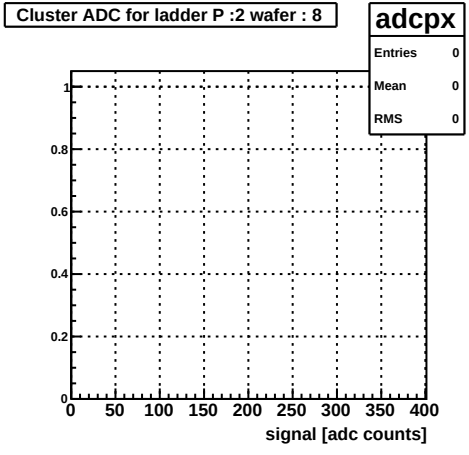

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

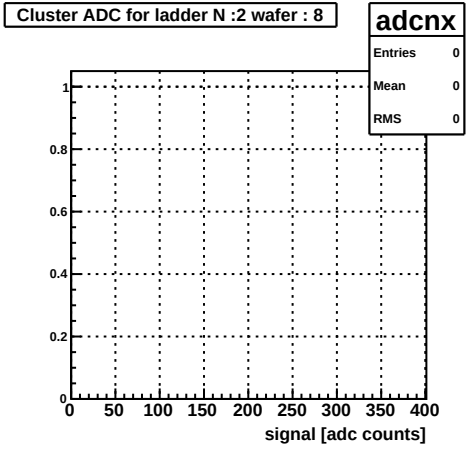

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

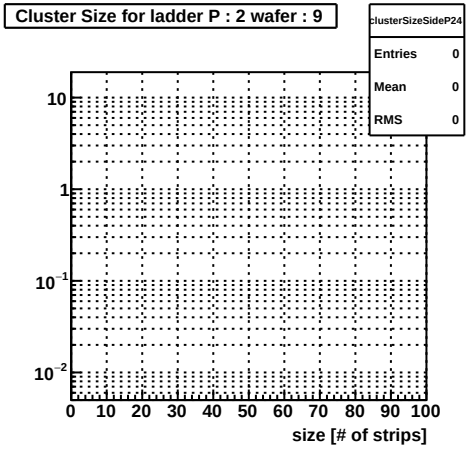

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

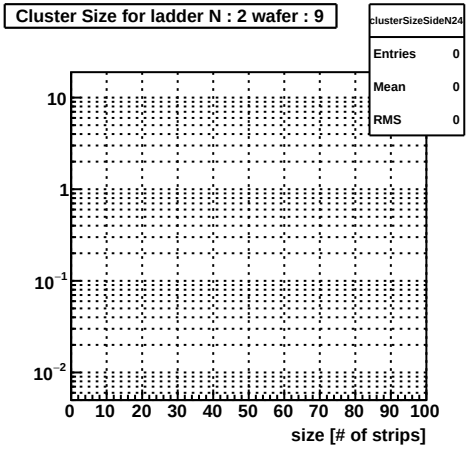

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

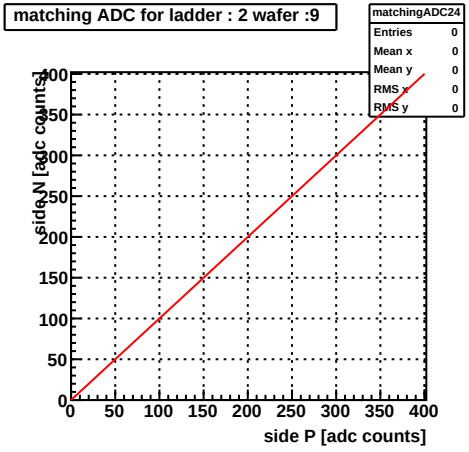

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

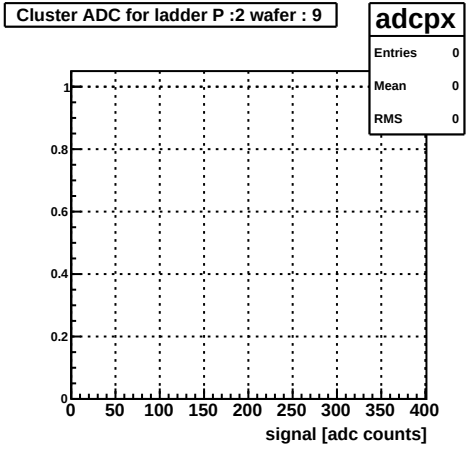

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

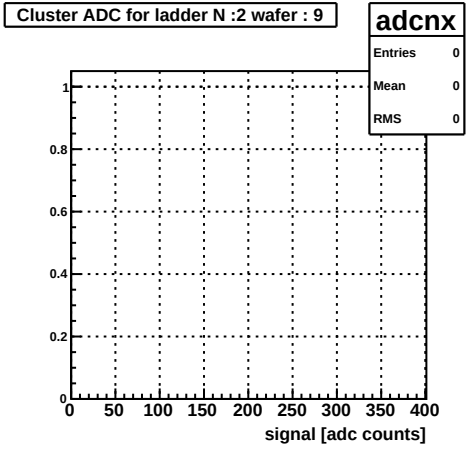

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

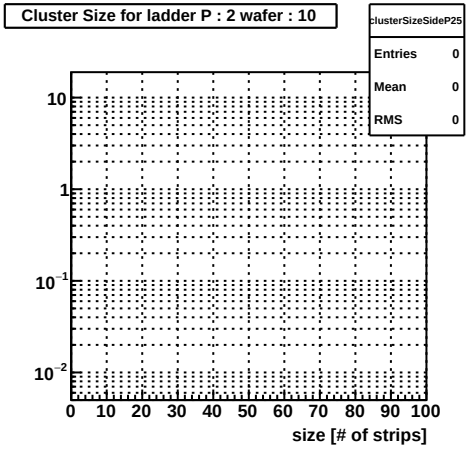

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

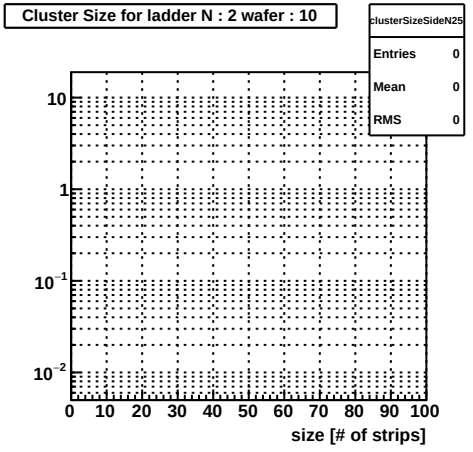

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

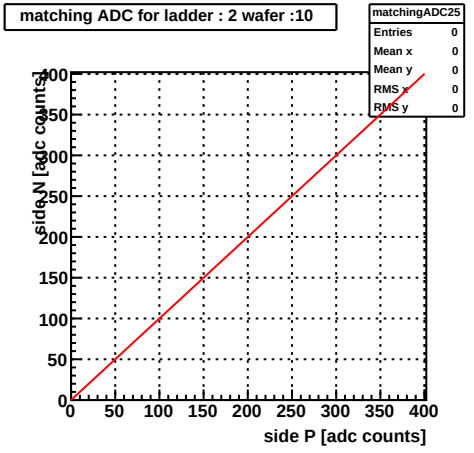

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

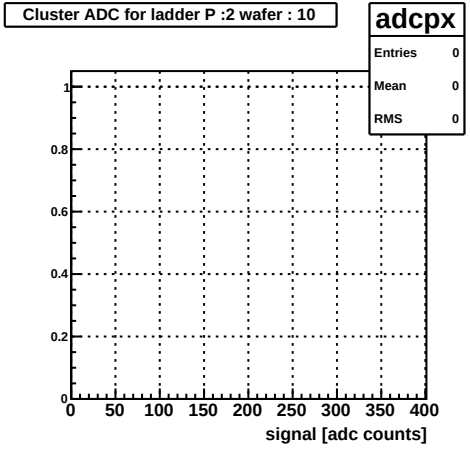

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

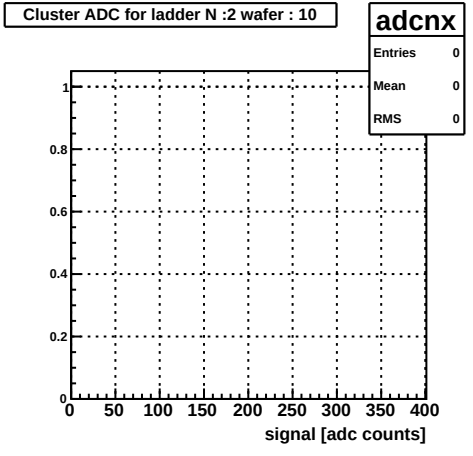

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

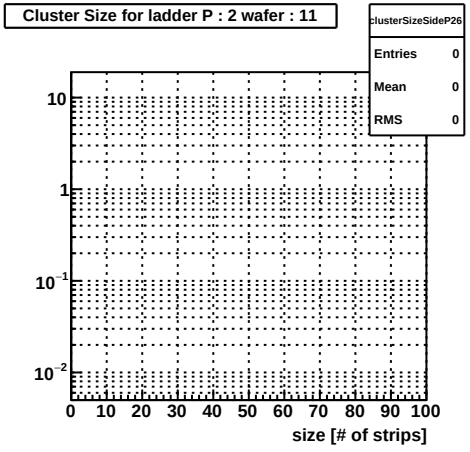

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

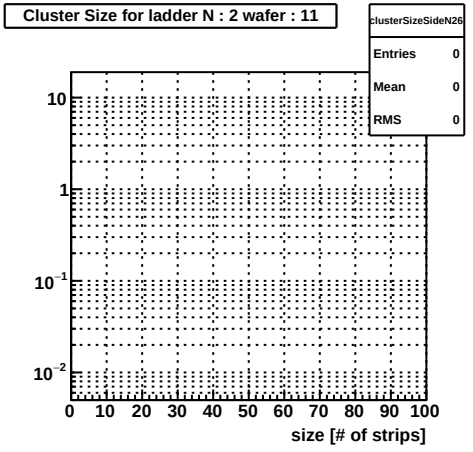

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

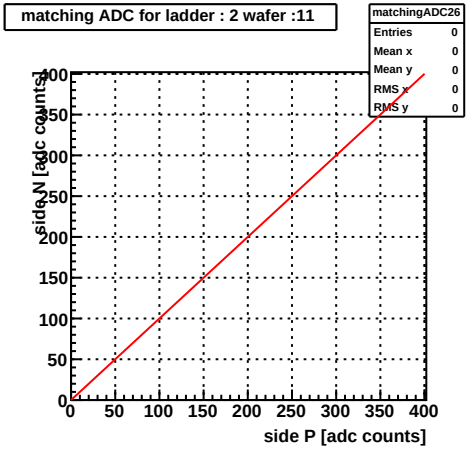

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

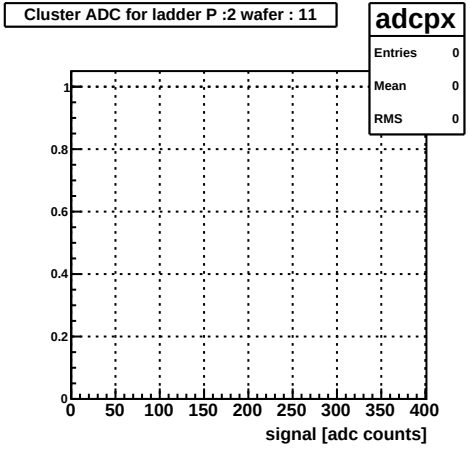

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

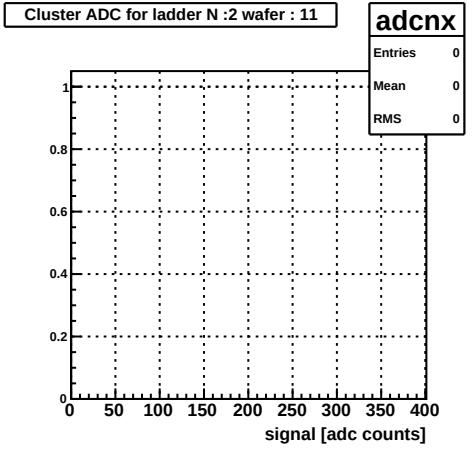

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

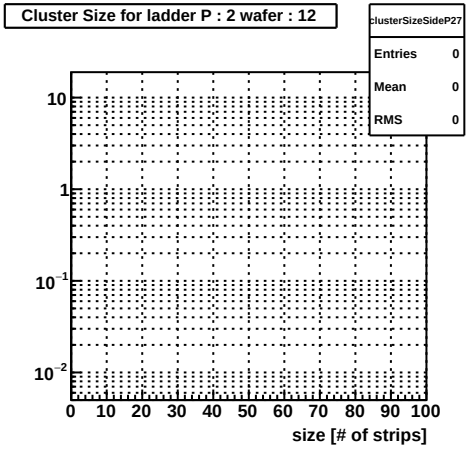

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

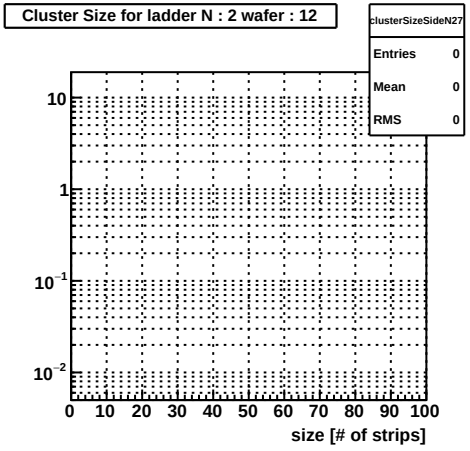

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

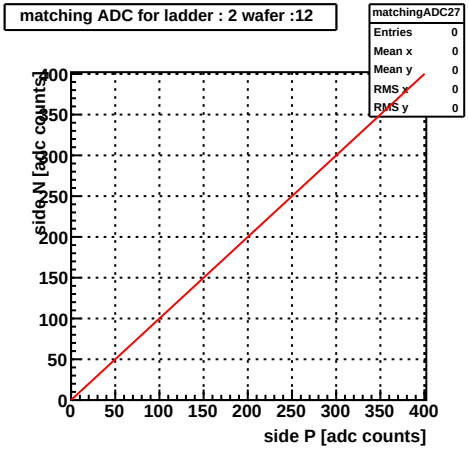

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

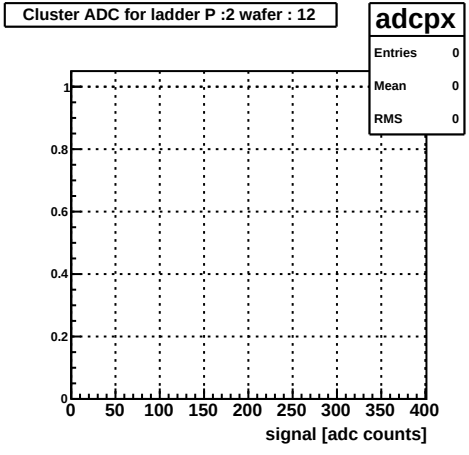

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

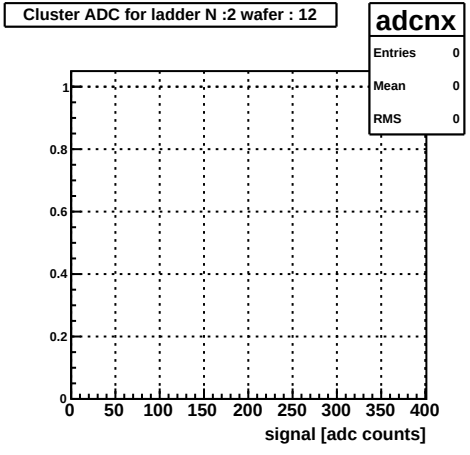

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

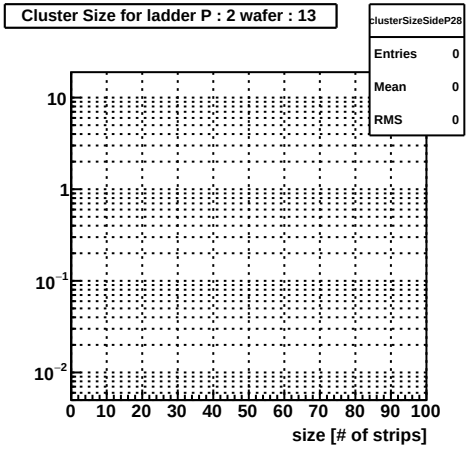

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

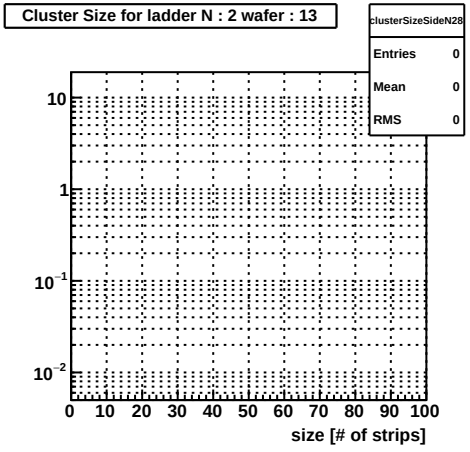

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

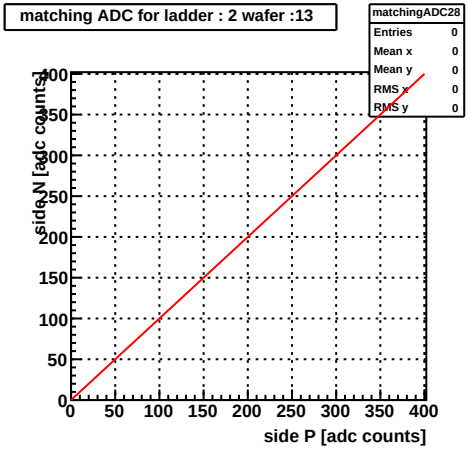

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

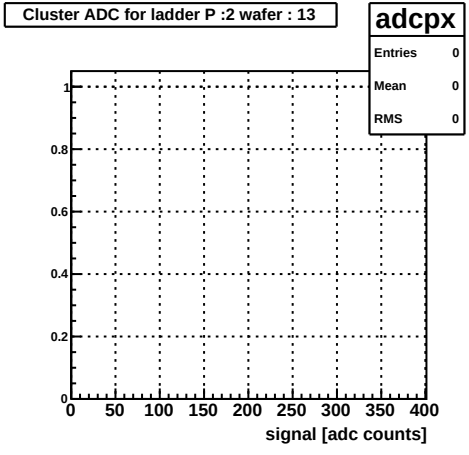

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

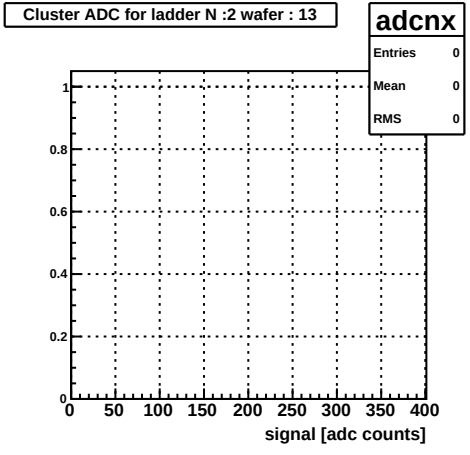

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

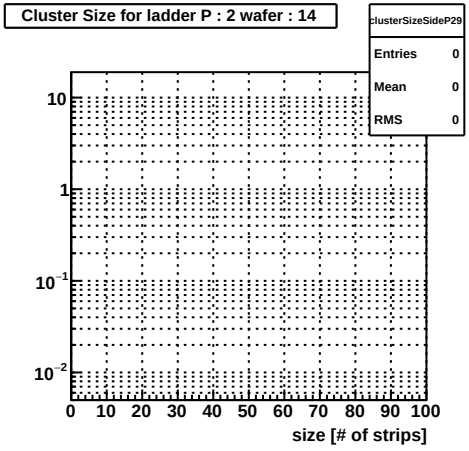

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

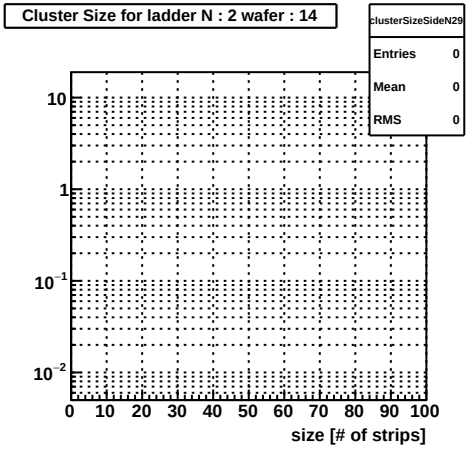

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

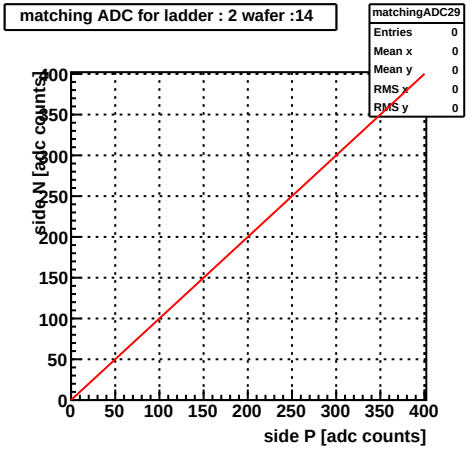

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

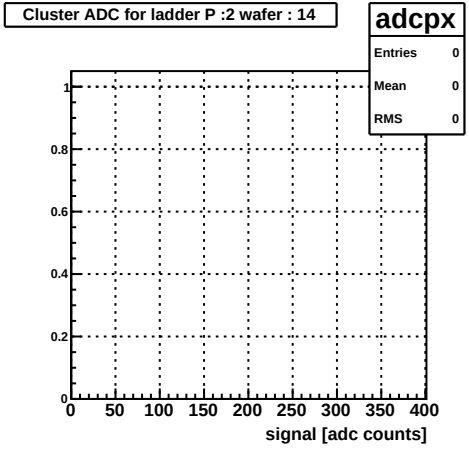

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

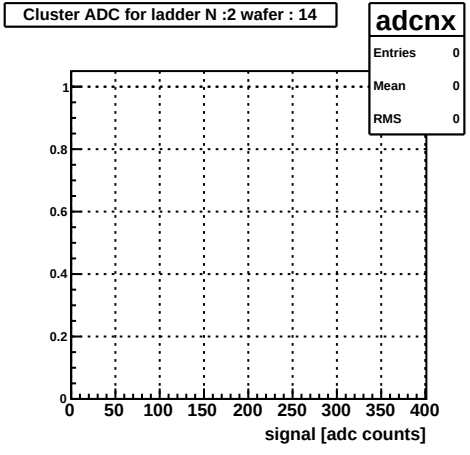

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

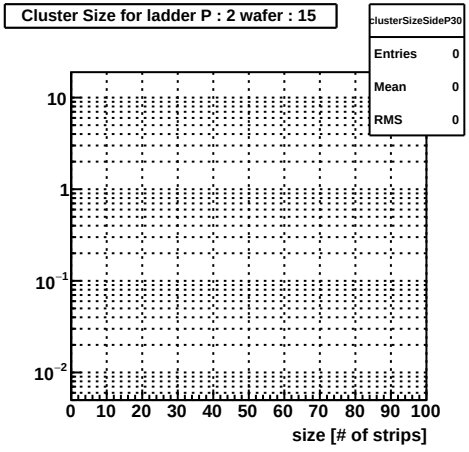

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

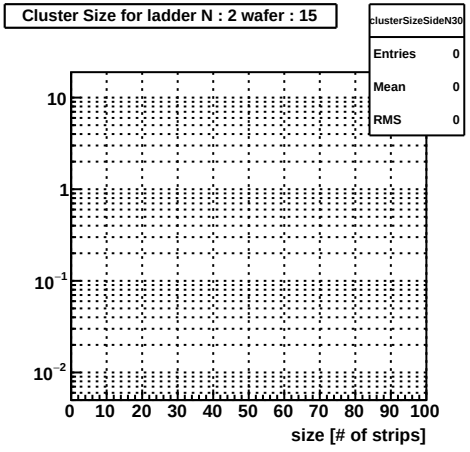

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

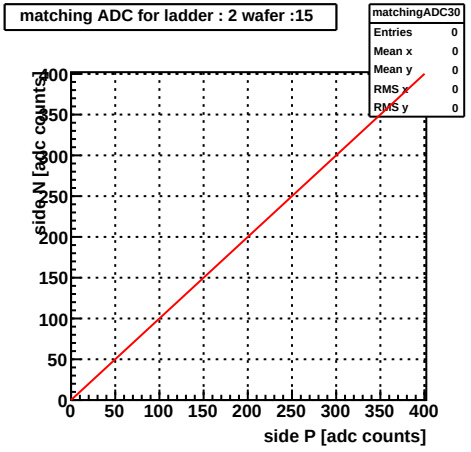

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

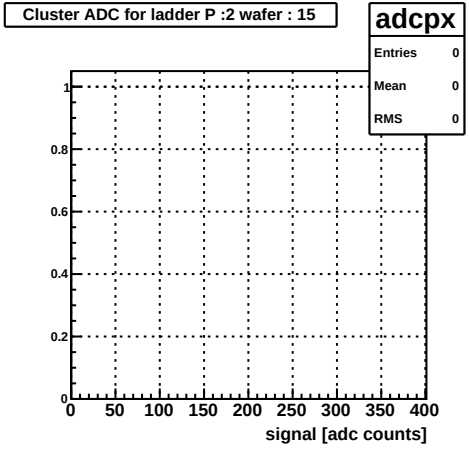

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

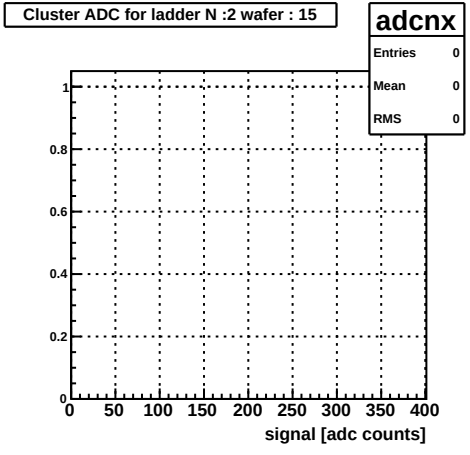

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

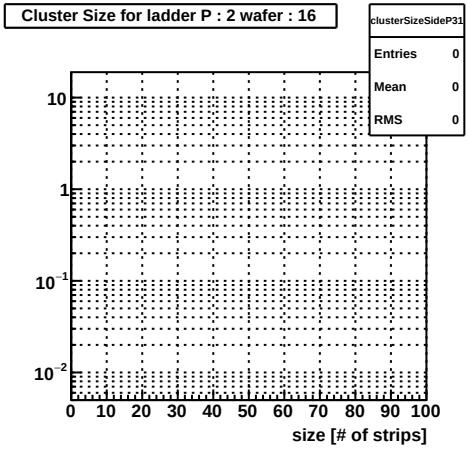

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

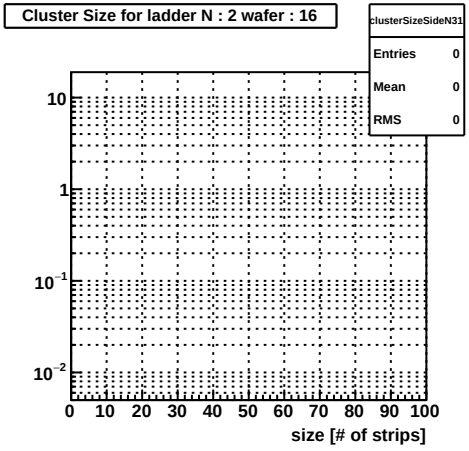

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

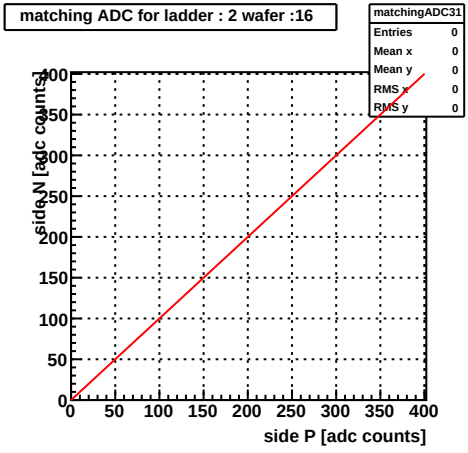

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

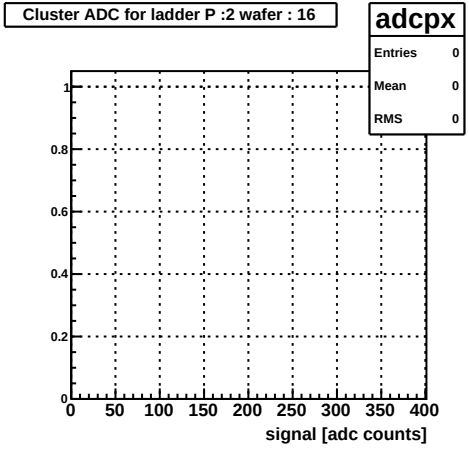

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

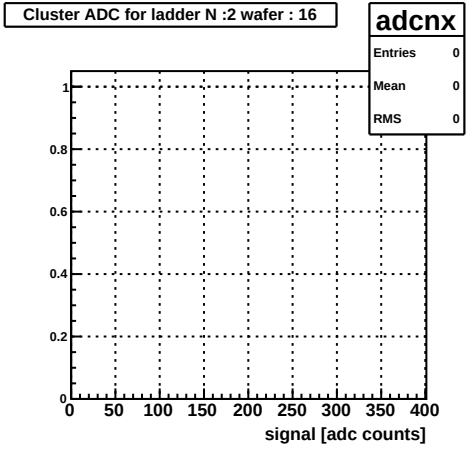

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

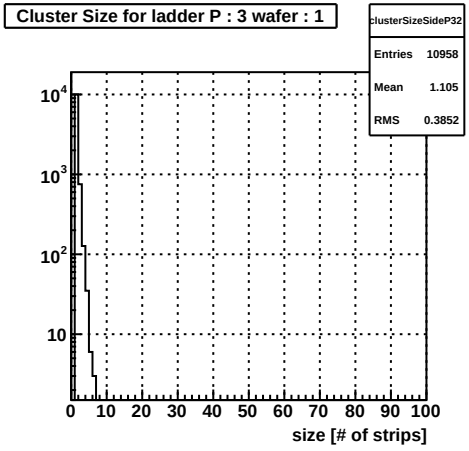

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

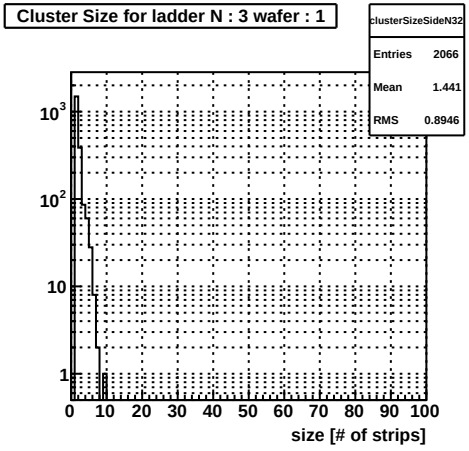

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

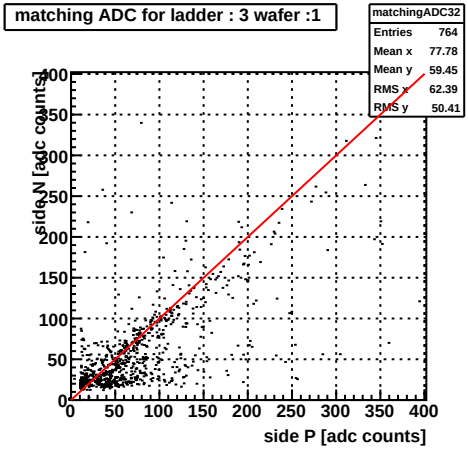

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

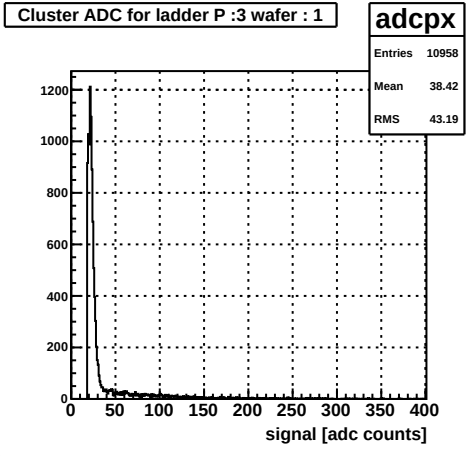

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

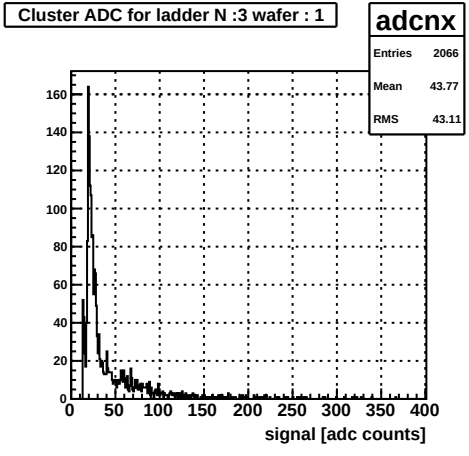

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

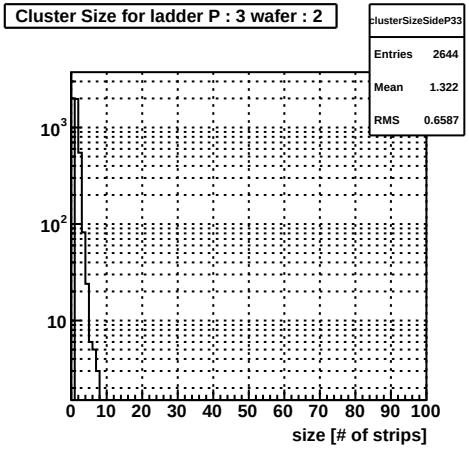

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10958
Mean 1.105
RMS 0.3852
size [# of strips]

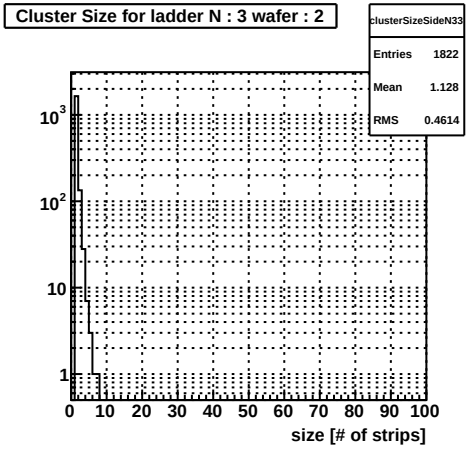

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2066
Mean 1.441
RMS 0.8946
size [# of strips]

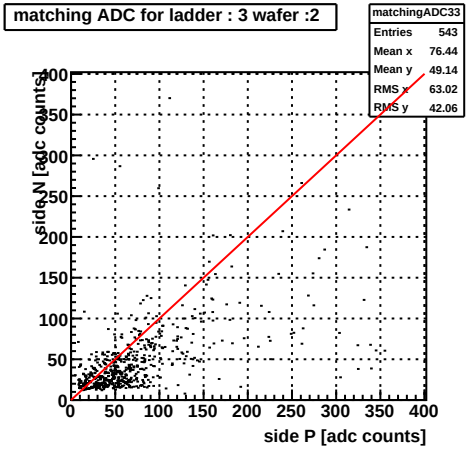

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 764
Mean x 77.78
Mean y 59.45
RMS x 62.39
RMS y 50.41
side N [adc counts]
side P [adc counts]

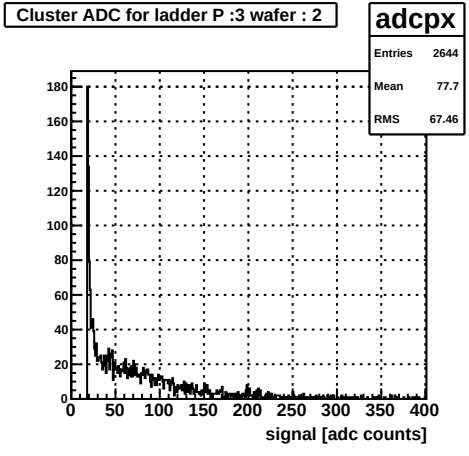

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10958
Mean 38.42
RMS 43.19
signal [adc counts]

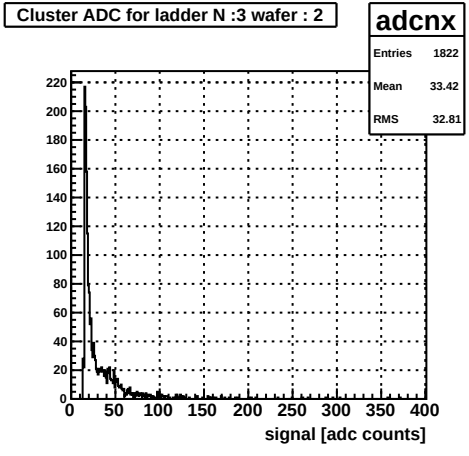

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2066
Mean 43.77
RMS 43.11
signal [adc counts]

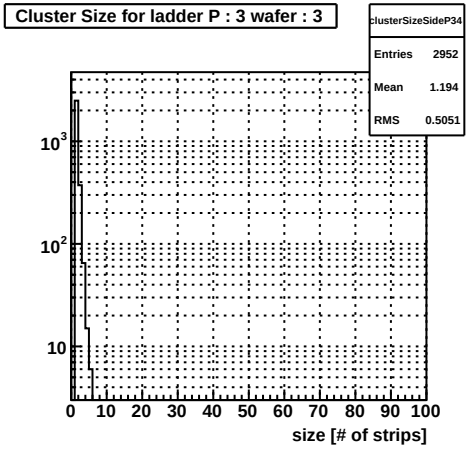

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2644
Mean 1.322
RMS 0.6587
size [# of strips]

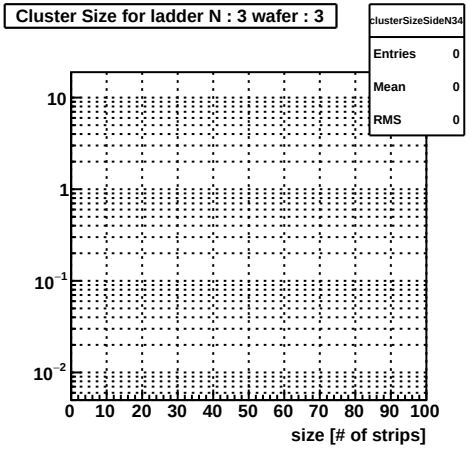

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1822
Mean 1.128
RMS 0.4614
size [# of strips]

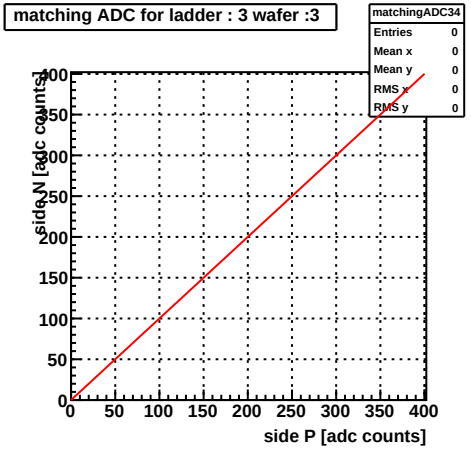

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 543
Mean x 76.44
Mean y 49.14
RMS x 63.02
RMS y 42.06
side N [adc counts]
side P [adc counts]

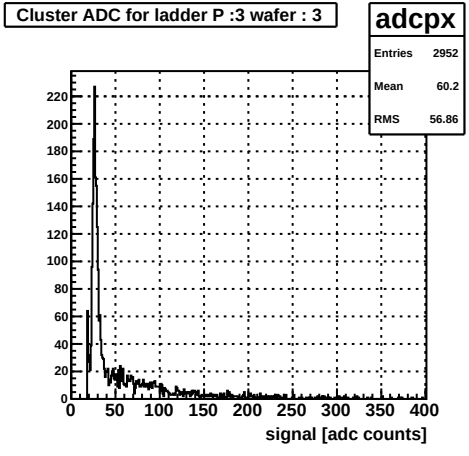

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2644
Mean 77.7
RMS 67.46
signal [adc counts]

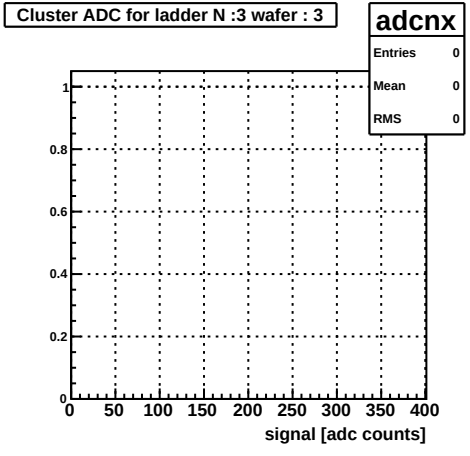

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1822
Mean 33.42
RMS 32.81
signal [adc counts]

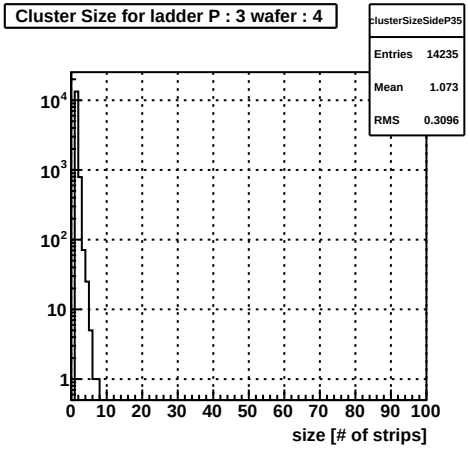

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2952
Mean 1.194
RMS 0.5051
size [# of strips]

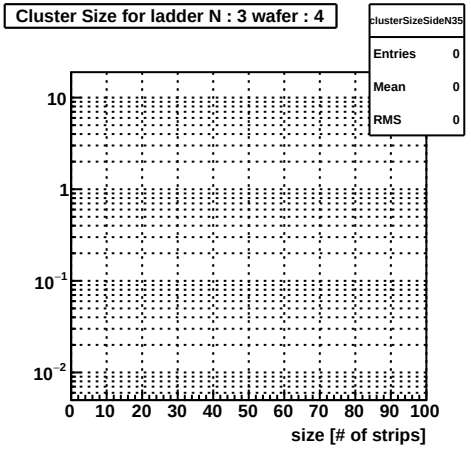

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

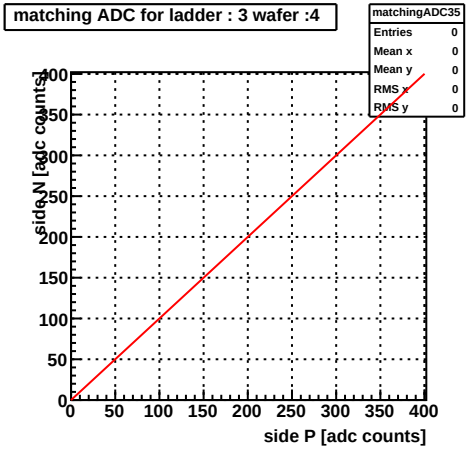

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

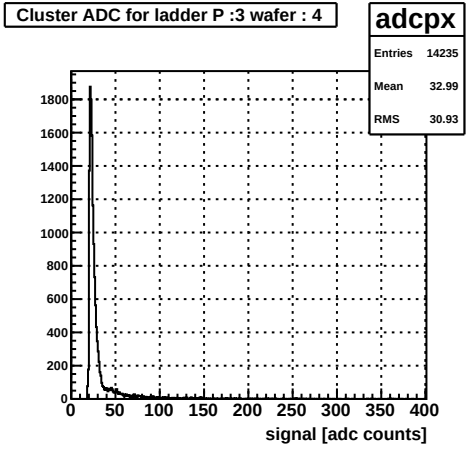

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2952
Mean 60.2
RMS 56.86
signal [adc counts]

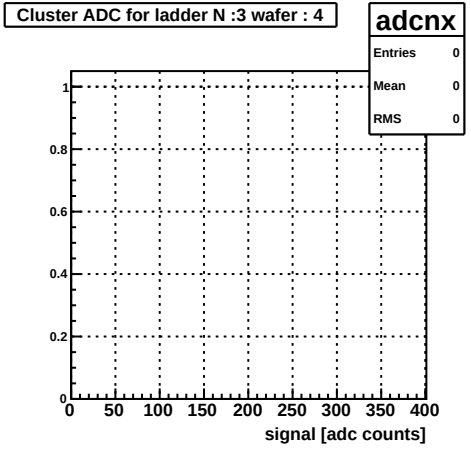

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

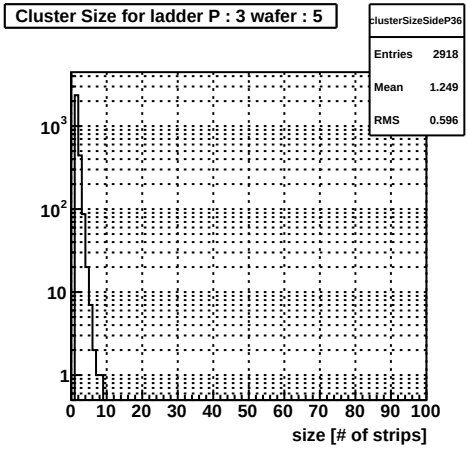

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14235
Mean 1.073
RMS 0.3096
size [# of strips]

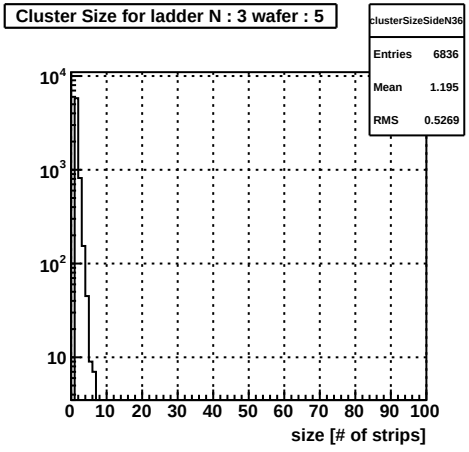

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

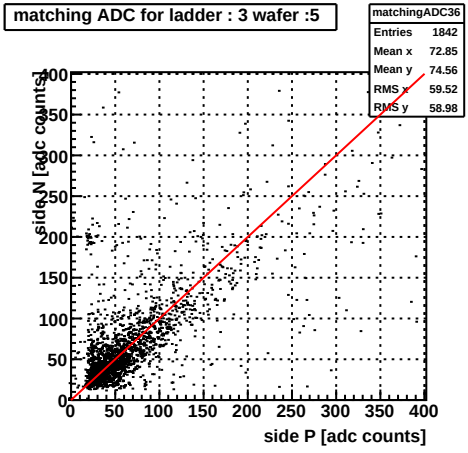

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

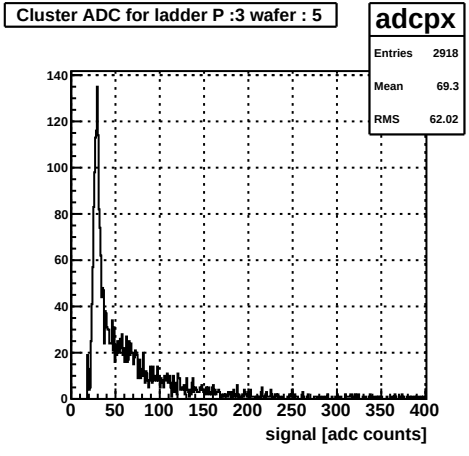

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14235
Mean 32.99
RMS 30.93
signal [adc counts]

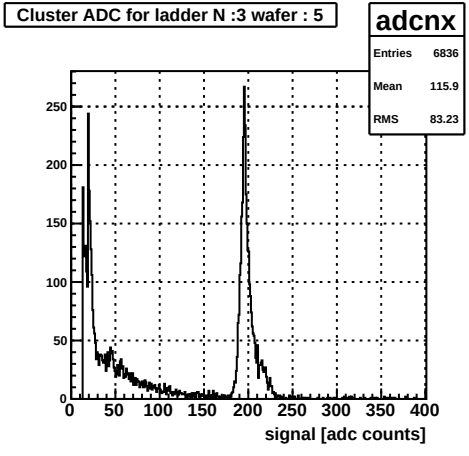

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

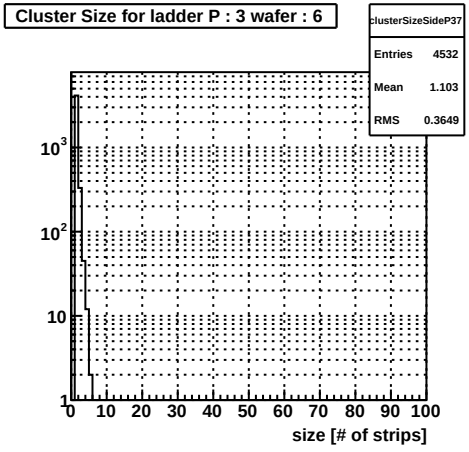

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2918
Mean 1.249
RMS 0.596
size [# of strips]

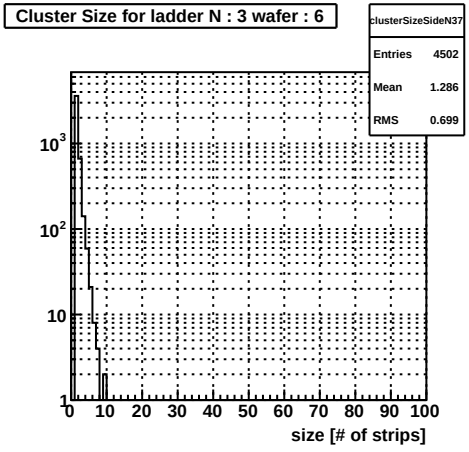

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6836
Mean 1.195
RMS 0.5269
size [# of strips]

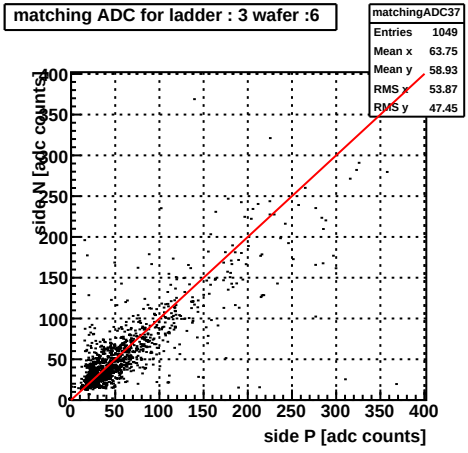

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1842
Mean x 72.85
Mean y 74.56
RMS x 59.52
RMS y 58.98
side N [adc counts]
side P [adc counts]

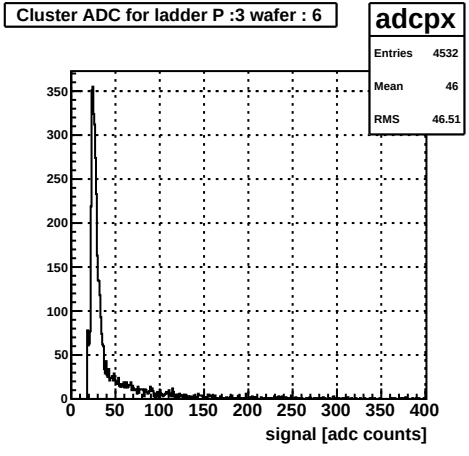

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2918
Mean 69.3
RMS 62.02
signal [adc counts]

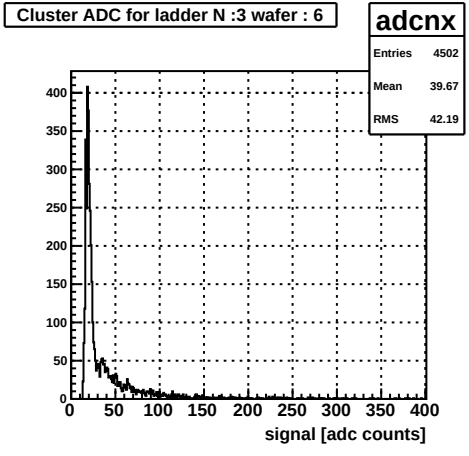

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6836
Mean 115.9
RMS 83.23
signal [adc counts]

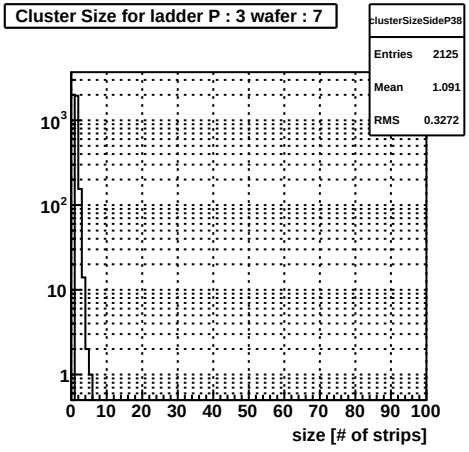

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4532
Mean 1.103
RMS 0.3649
size [# of strips]

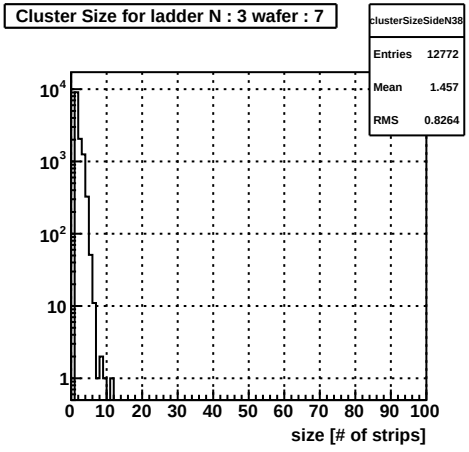

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4502
Mean 1.286
RMS 0.699
size [# of strips]

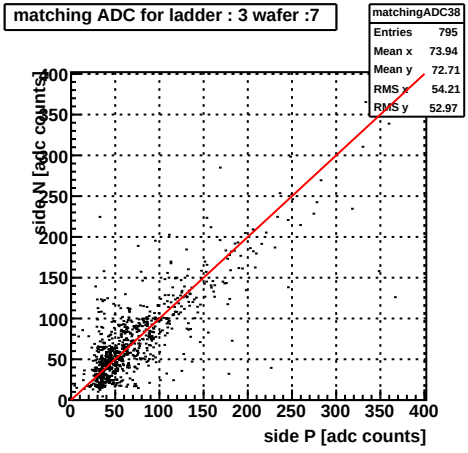

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1049
Mean x 63.75
Mean y 58.93
RMS x 53.87
RMS y 47.45
side N [adc counts]
side P [adc counts]

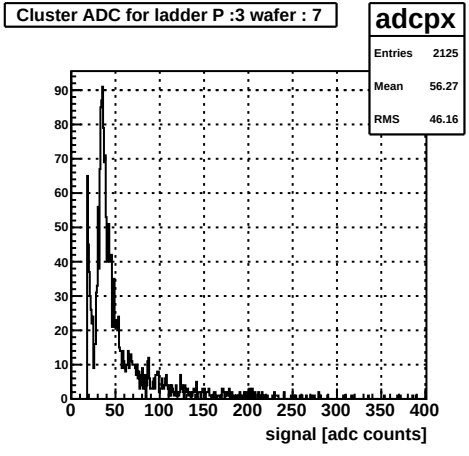

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4532
Mean 46
RMS 46.51
signal [adc counts]

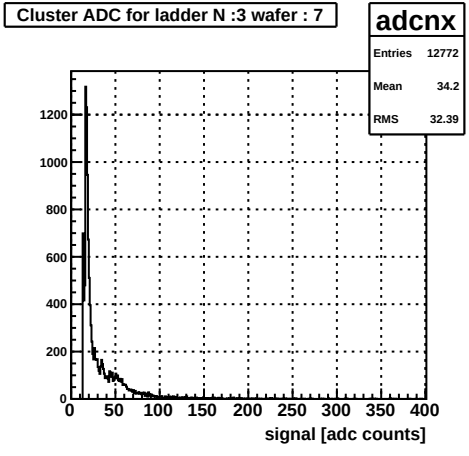

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4502
Mean 39.67
RMS 42.19
signal [adc counts]

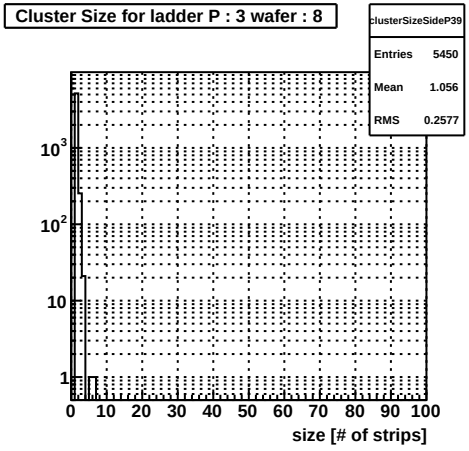

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2125
Mean 1.091
RMS 0.3272
size [# of strips]

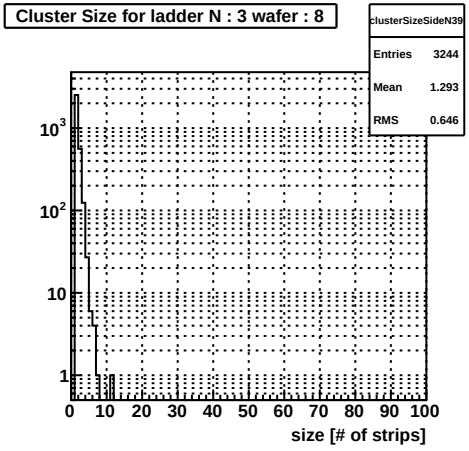

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12772
Mean 1.457
RMS 0.8264
size [# of strips]

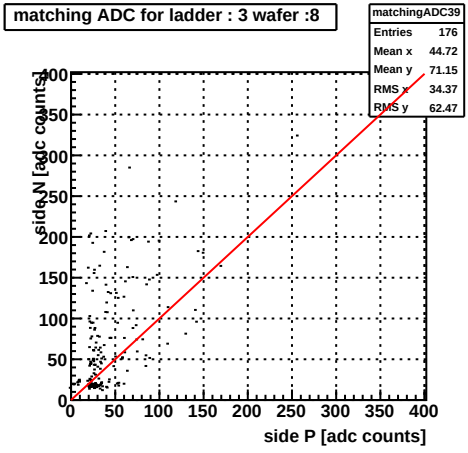

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 795
Mean x 73.94
Mean y 72.71
RMS x 54.21
RMS y 52.97
side N [adc counts]
side P [adc counts]

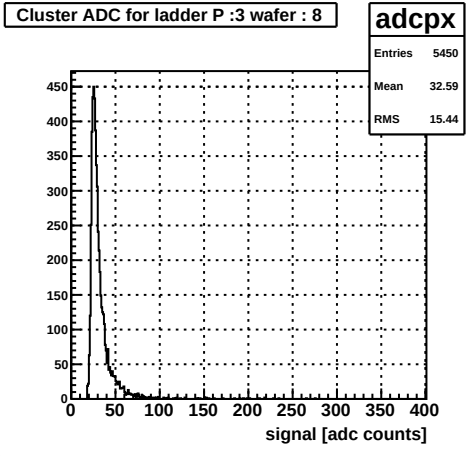

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2125
Mean 56.27
RMS 46.16
signal [adc counts]

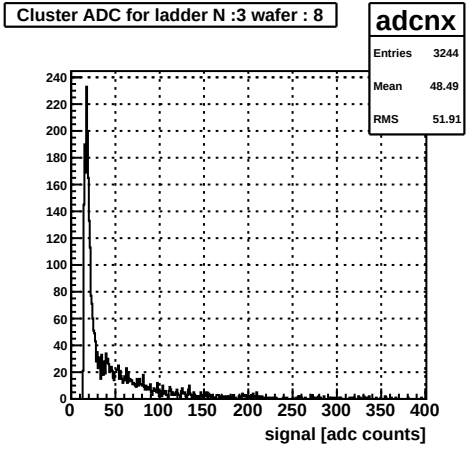

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12772
Mean 34.2
RMS 32.39
signal [adc counts]

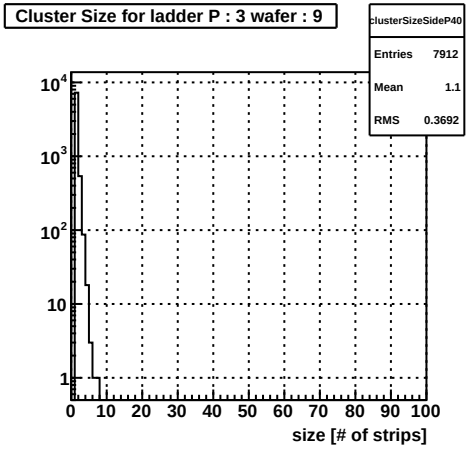

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5450
Mean 1.056
RMS 0.2577
size [# of strips]

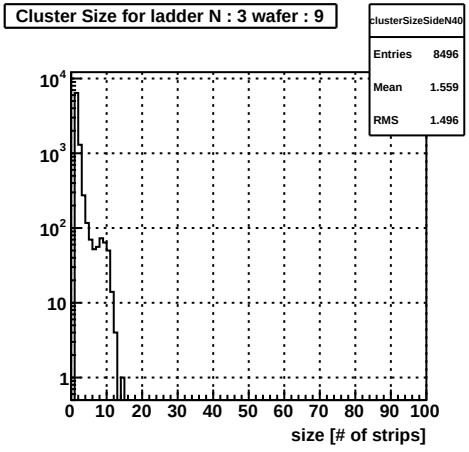

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3244
Mean 1.293
RMS 0.646
size [# of strips]

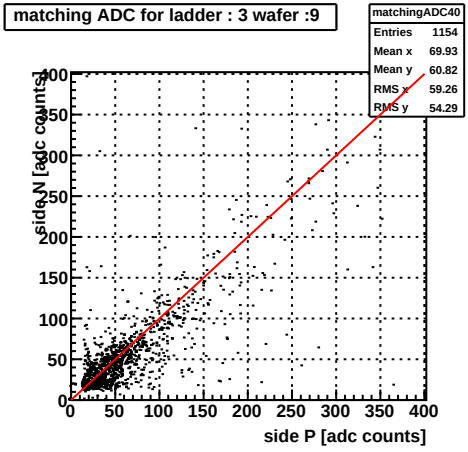

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 176
Mean x 44.72
Mean y 71.15
RMS x 34.37
RMS y 62.47
side N [adc counts]
side P [adc counts]

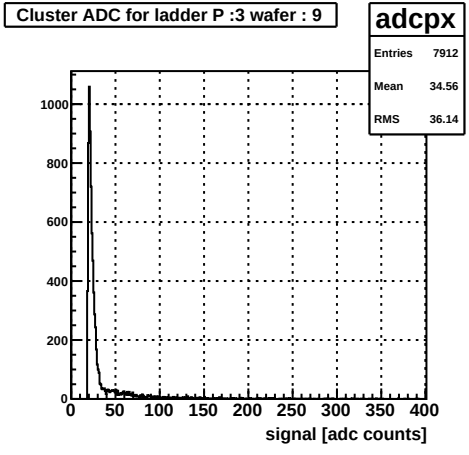

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5450
Mean 32.59
RMS 15.44
signal [adc counts]

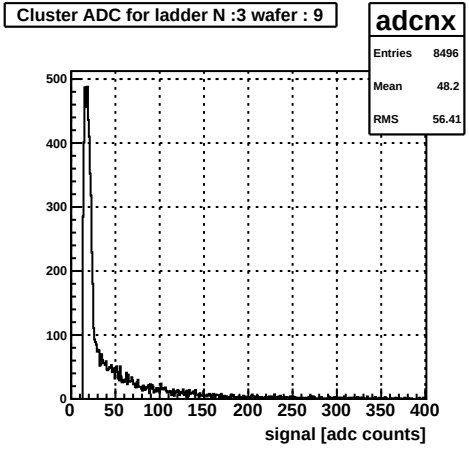

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3244
Mean 48.49
RMS 51.91
signal [adc counts]

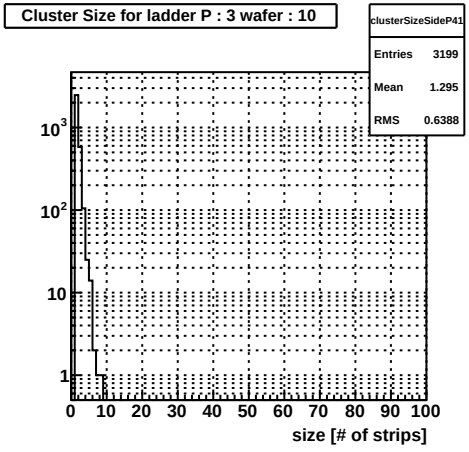

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7912
Mean 1.1
RMS 0.3692
size [# of strips]

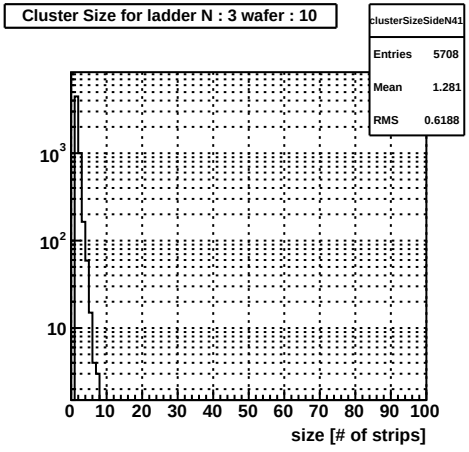

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8496
Mean 1.559
RMS 1.496
size [# of strips]

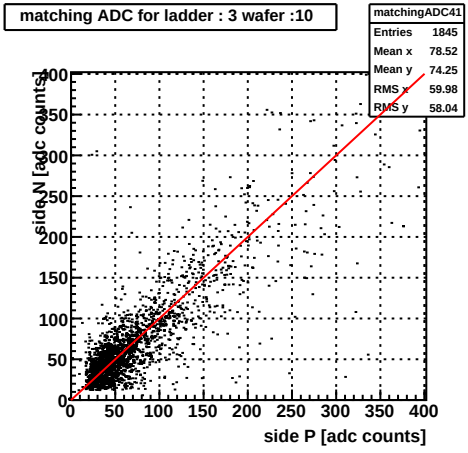

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1154
Mean x 69.93
Mean y 60.82
RMS x 59.26
RMS y 54.29
side N [adc counts]
side P [adc counts]

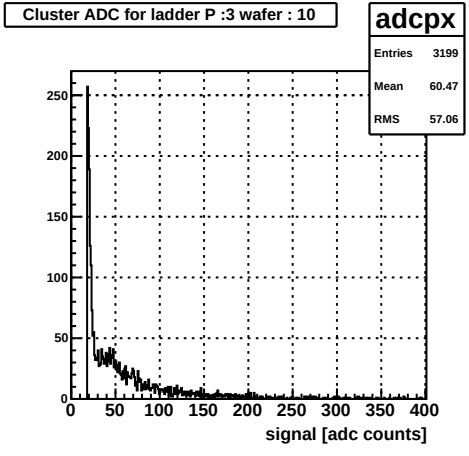

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7912
Mean 34.56
RMS 36.14
signal [adc counts]

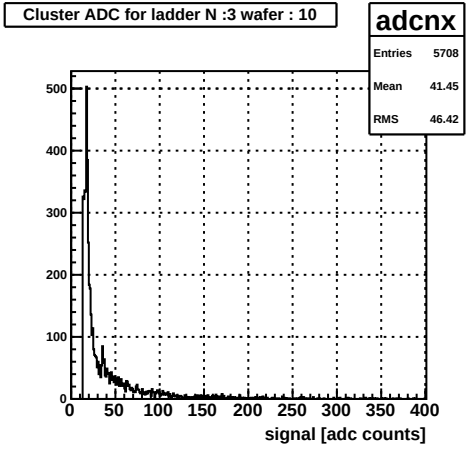

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8496
Mean 48.2
RMS 56.41
signal [adc counts]

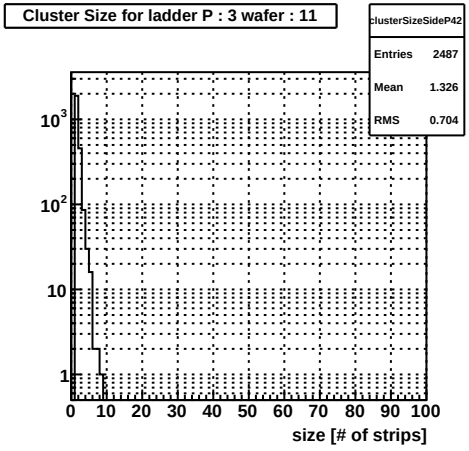

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3199
Mean 1.295
RMS 0.6388
size [# of strips]

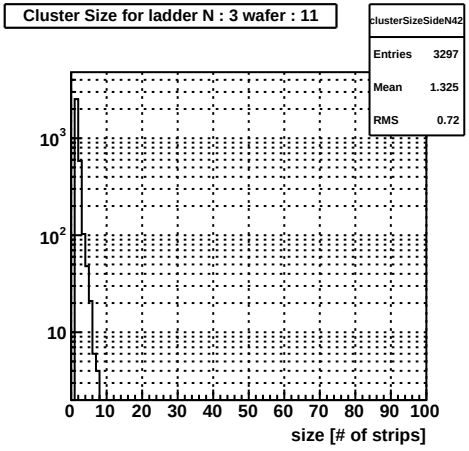

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5708
Mean 1.281
RMS 0.6188
size [# of strips]

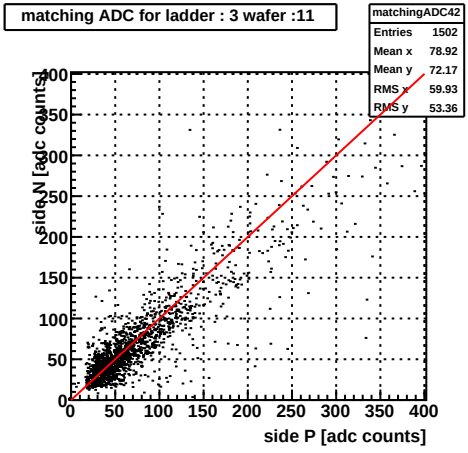

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1845
Mean x 78.52
Mean y 74.25
RMS x 59.98
RMS y 58.04
side N [adc counts]
side P [adc counts]

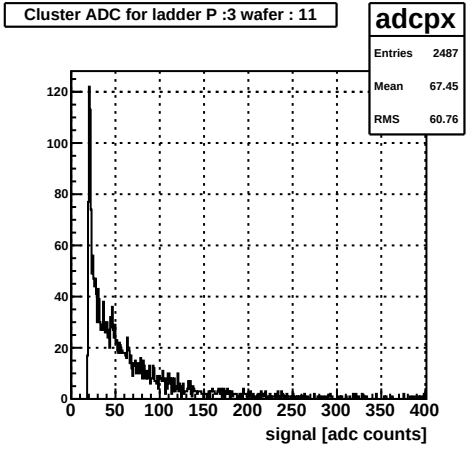

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3199
Mean 60.47
RMS 57.06
signal [adc counts]

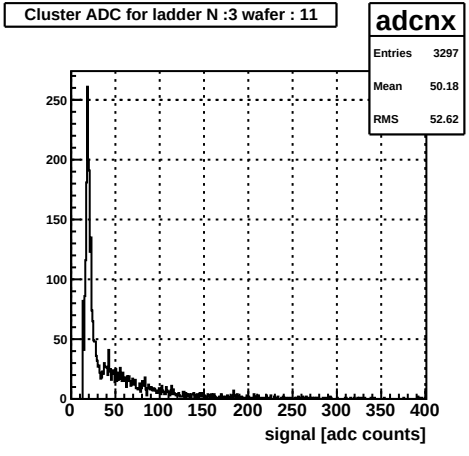

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5708
Mean 41.45
RMS 46.42
signal [adc counts]

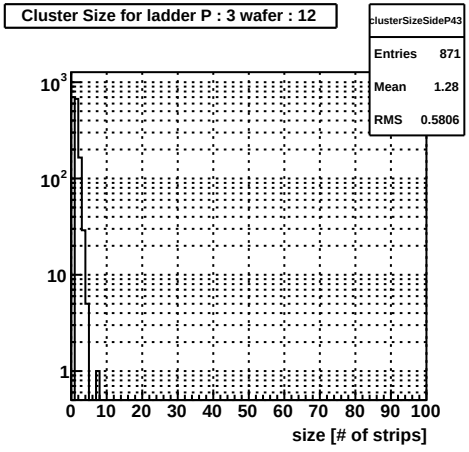

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2487
Mean 1.326
RMS 0.704
size [# of strips]

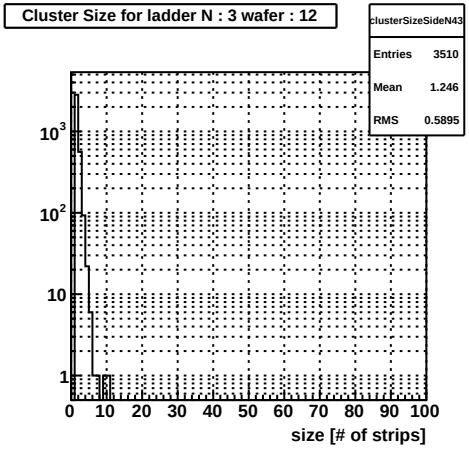

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3297
Mean 1.325
RMS 0.72
size [# of strips]

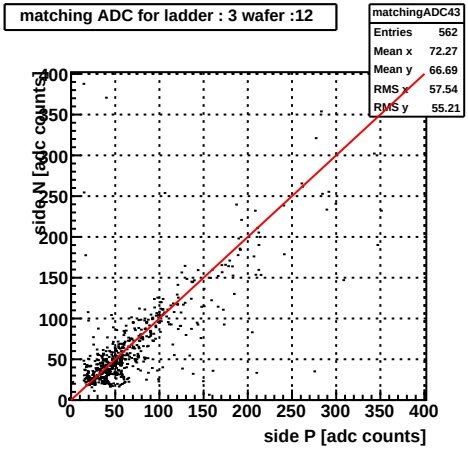

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1502
Mean x 78.92
Mean y 72.17
RMS x 59.93
RMS y 53.36
side N [adc counts]
side P [adc counts]

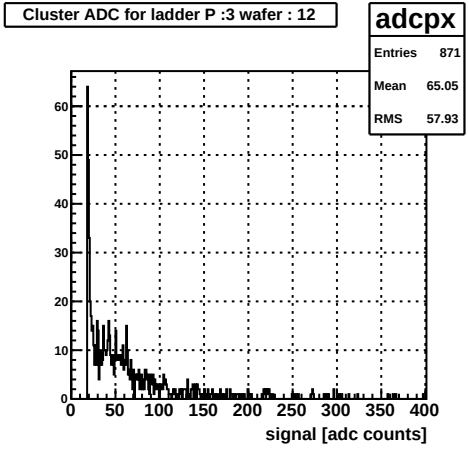

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2487
Mean 67.45
RMS 60.76
signal [adc counts]

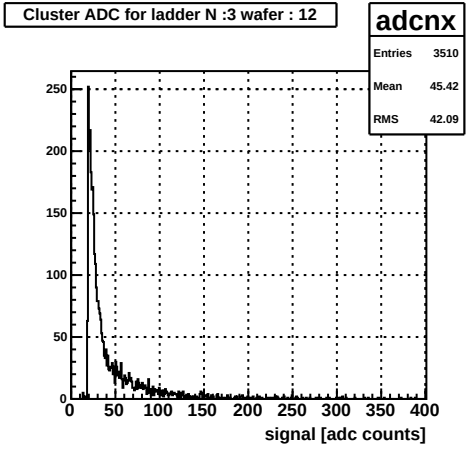

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3297
Mean 50.18
RMS 52.62
signal [adc counts]

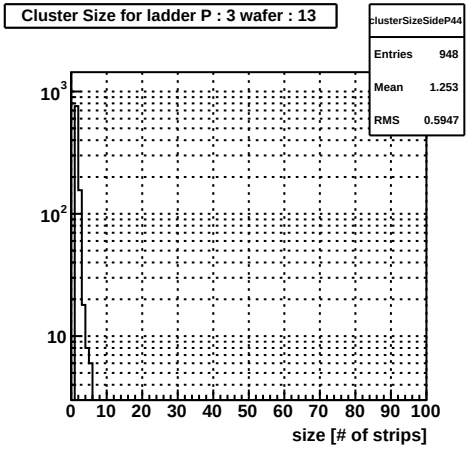

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 871
Mean 1.28
RMS 0.5806
size [# of strips]

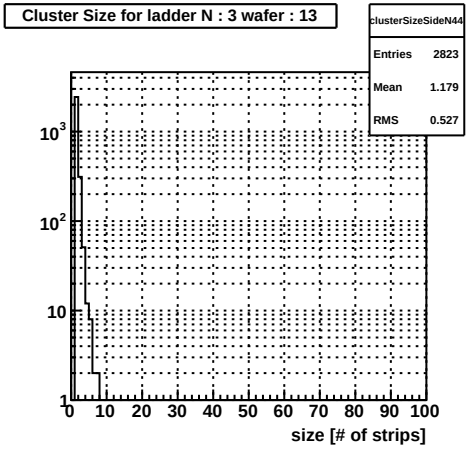

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3510
Mean 1.246
RMS 0.5895
size [# of strips]

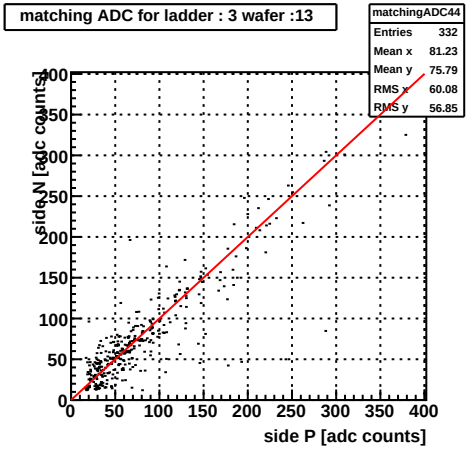

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 562
Mean x 72.27
Mean y 66.69
RMS x 57.54
RMS y 55.21
side N [adc counts]
side P [adc counts]

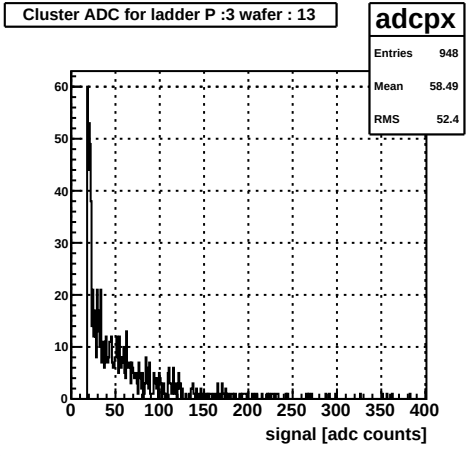

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 871
Mean 65.05
RMS 57.93
signal [adc counts]

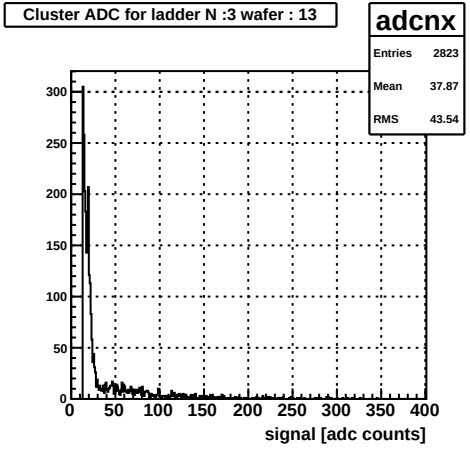

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3510
Mean 45.42
RMS 42.09
signal [adc counts]

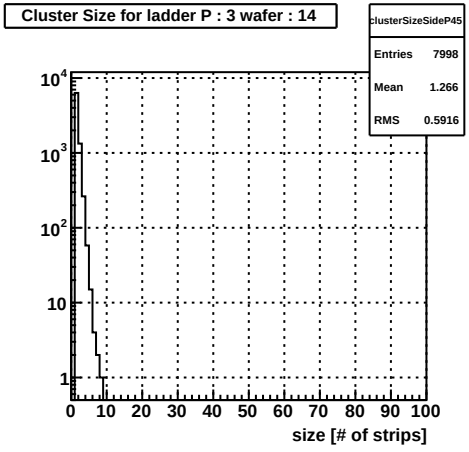

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 948
Mean 1.253
RMS 0.5947
size [# of strips]

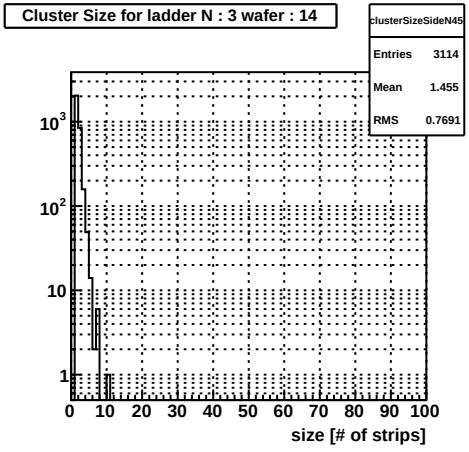

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2823
Mean 1.179
RMS 0.527
size [# of strips]

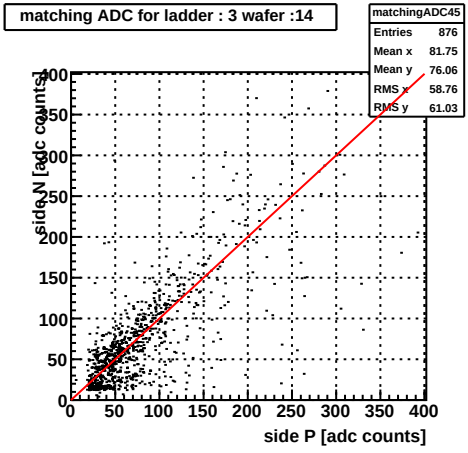

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 332
Mean x 81.23
Mean y 75.79
RMS x 60.08
RMS y 56.85
side N [adc counts]
side P [adc counts]

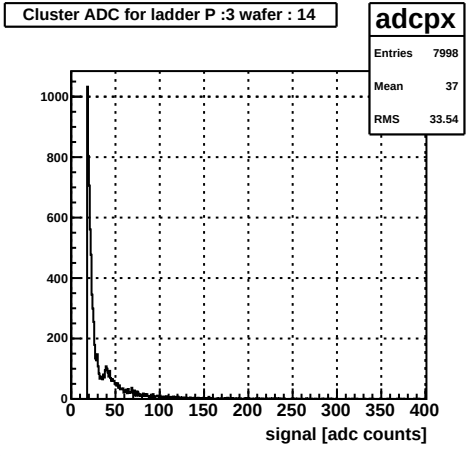

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 948
Mean 58.49
RMS 52.4
signal [adc counts]

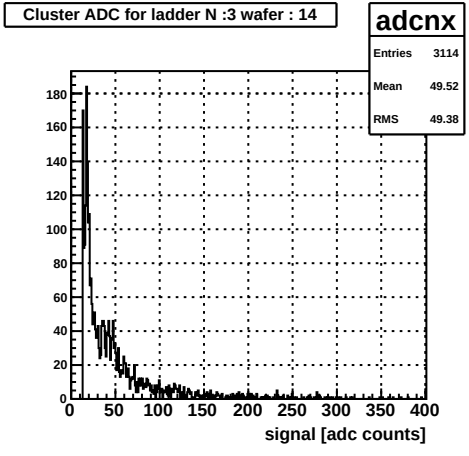

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2823
Mean 37.87
RMS 43.54
signal [adc counts]

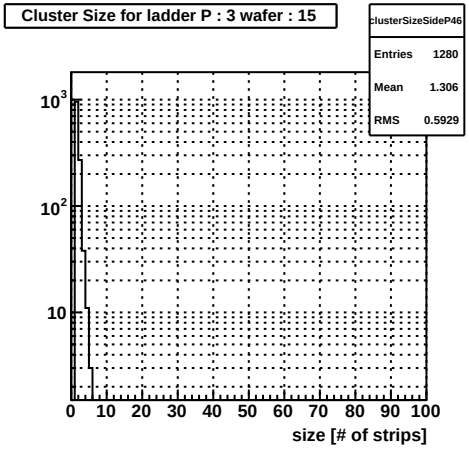

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7998
Mean 1.266
RMS 0.5916
size [# of strips]

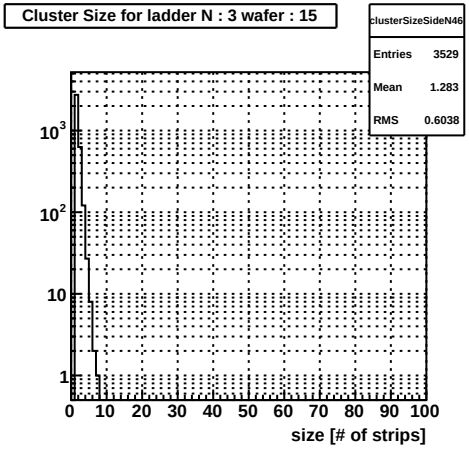

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3114
Mean 1.455
RMS 0.7691
size [# of strips]

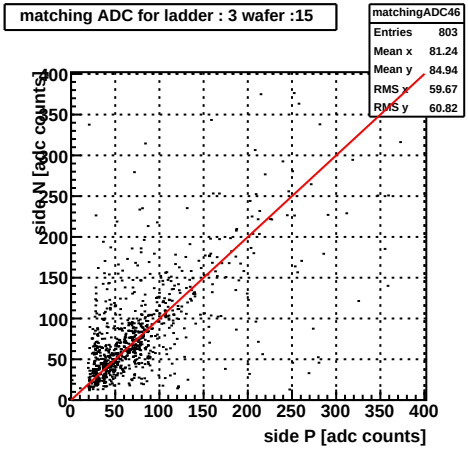

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 876
Mean x 81.75
Mean y 76.06
RMS x 58.76
RMS y 61.03
side N [adc counts]
side P [adc counts]

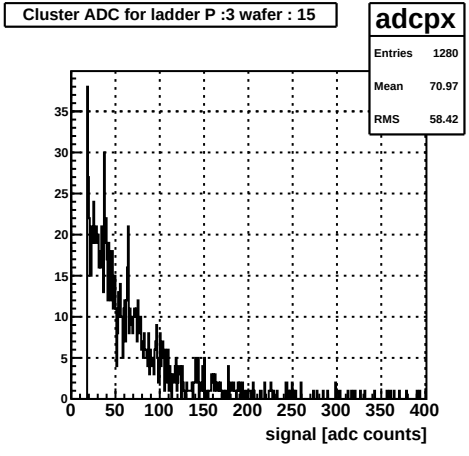

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7998
Mean 37
RMS 33.54
signal [adc counts]

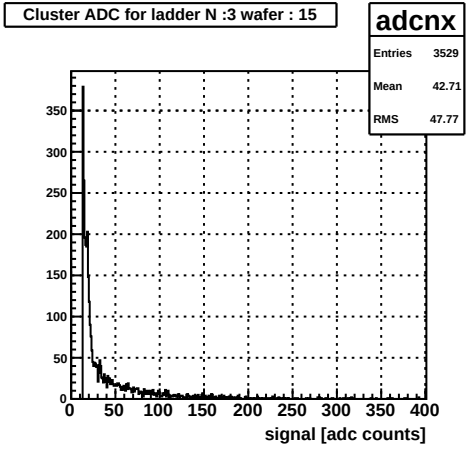

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3114
Mean 49.52
RMS 49.38
signal [adc counts]

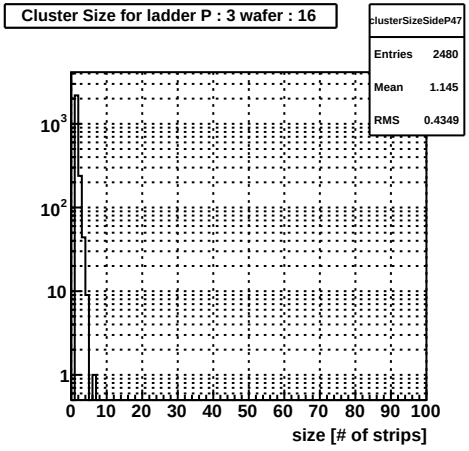

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1280
Mean 1.306
RMS 0.5929
size [# of strips]

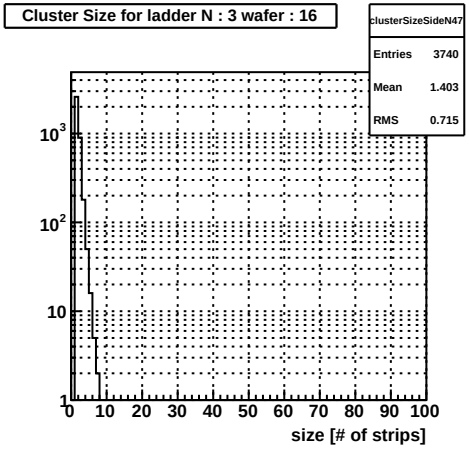

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3529
Mean 1.283
RMS 0.6038
size [# of strips]

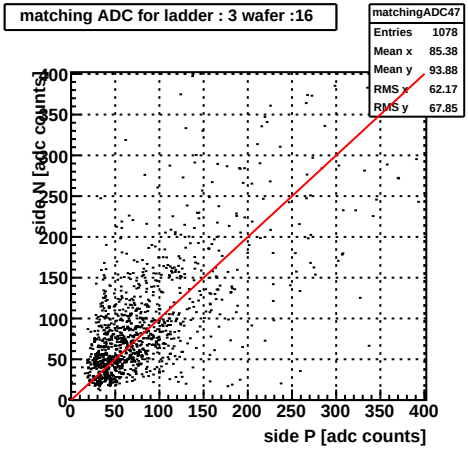

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 803
Mean x 81.24
Mean y 84.94
RMS x 59.67
RMS y 60.82
side N [adc counts]
side P [adc counts]

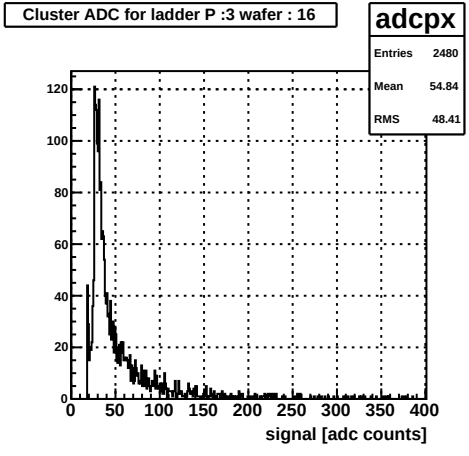

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1280
Mean 70.97
RMS 58.42
signal [adc counts]

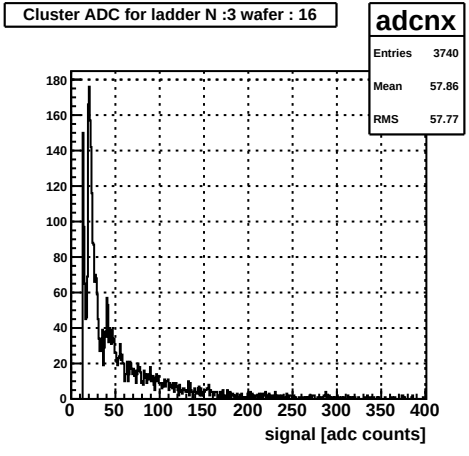

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3529
Mean 42.71
RMS 47.77
signal [adc counts]

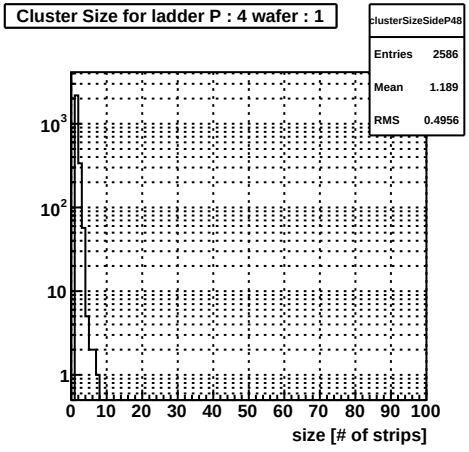

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2480
Mean 1.145
RMS 0.4349
size [# of strips]

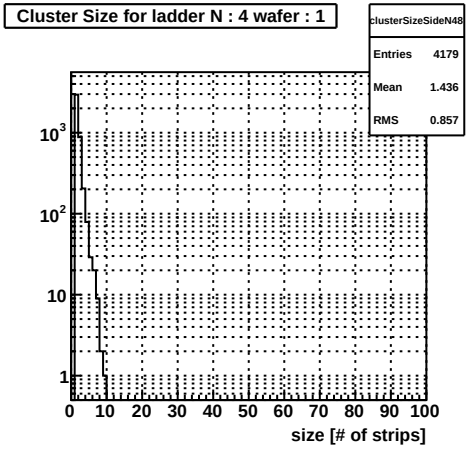

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3740
Mean 1.403
RMS 0.715
size [# of strips]

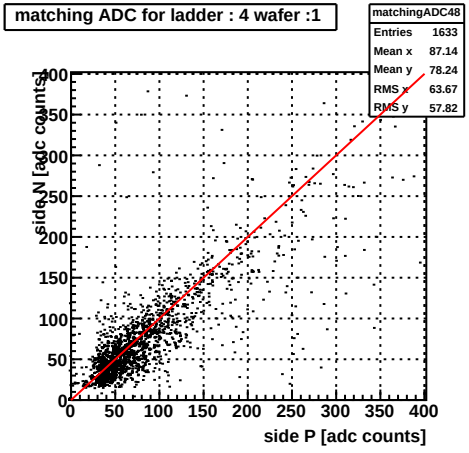

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1078
Mean x 85.38
Mean y 93.88
RMS x 62.17
RMS y 67.85
side N [adc counts]
side P [adc counts]

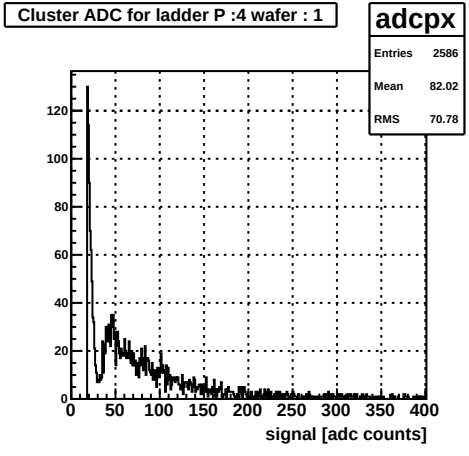

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2480
Mean 54.84
RMS 48.41
signal [adc counts]

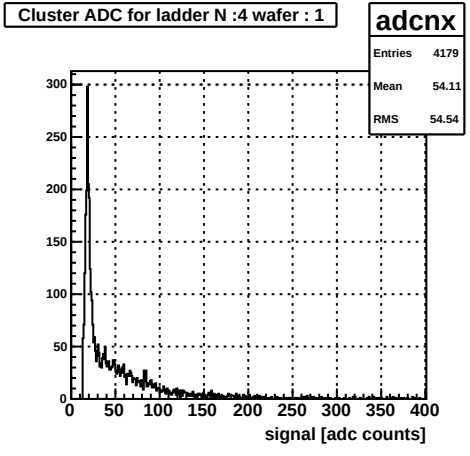

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3740
Mean 57.86
RMS 57.77
signal [adc counts]

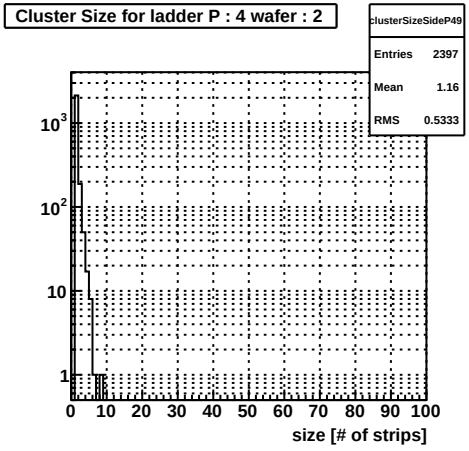

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2586
Mean 1.189
RMS 0.4956
size [# of strips]

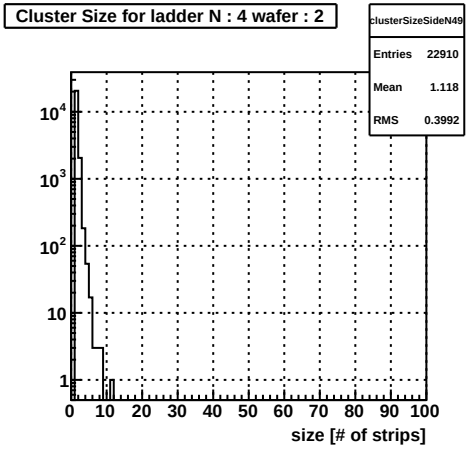

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4179
Mean 1.436
RMS 0.857
size [# of strips]

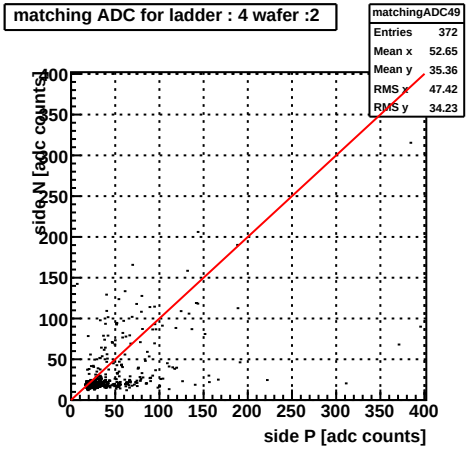

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1633
Mean x 87.14
Mean y 78.24
RMS x 63.67
RMS y 57.82
side N [adc counts]
side P [adc counts]

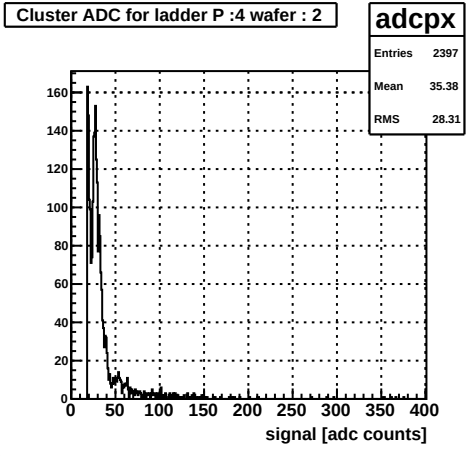

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2586
Mean 82.02
RMS 70.78
signal [adc counts]

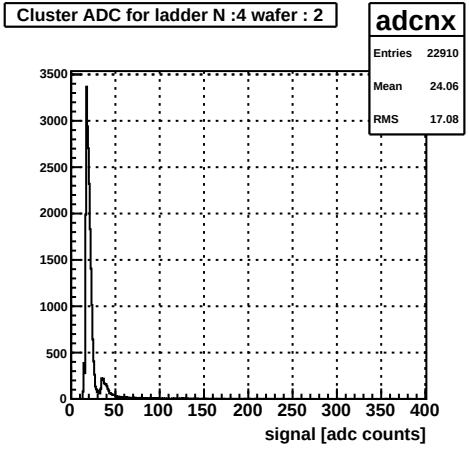

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4179
Mean 54.11
RMS 54.54
signal [adc counts]

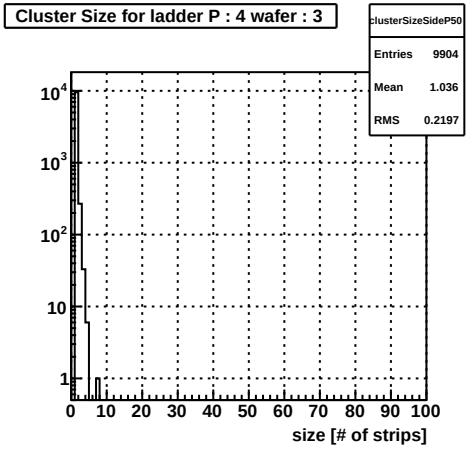

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2397
Mean 1.16
RMS 0.5333
size [# of strips]

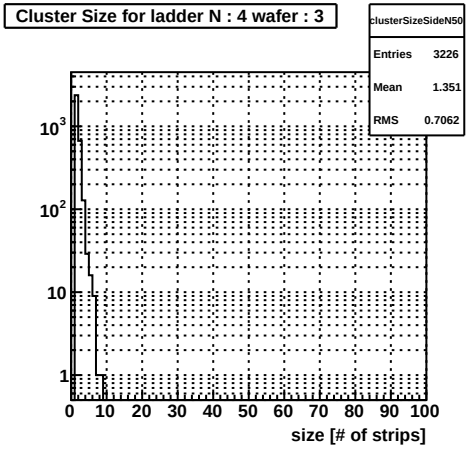

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 22910
Mean 1.118
RMS 0.3992
size [# of strips]

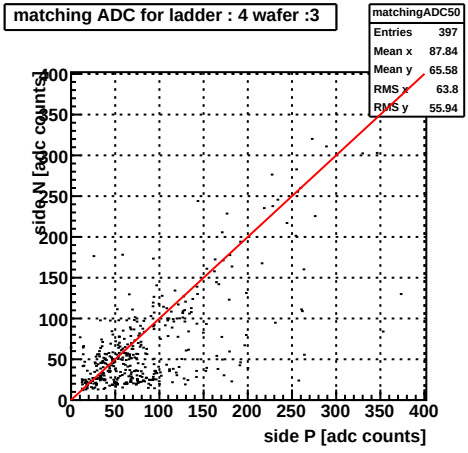

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 372
Mean x 52.65
Mean y 35.36
RMS x 47.42
RMS y 34.23
side N [adc counts]
side P [adc counts]

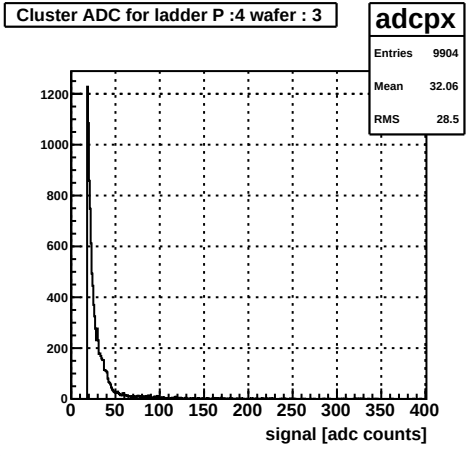

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2397
Mean 35.38
RMS 28.31
signal [adc counts]

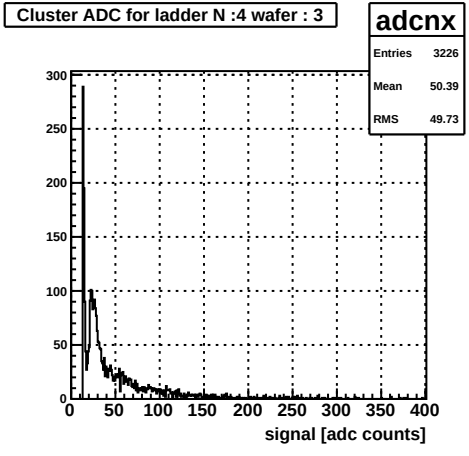

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 22910
Mean 24.06
RMS 17.08
signal [adc counts]

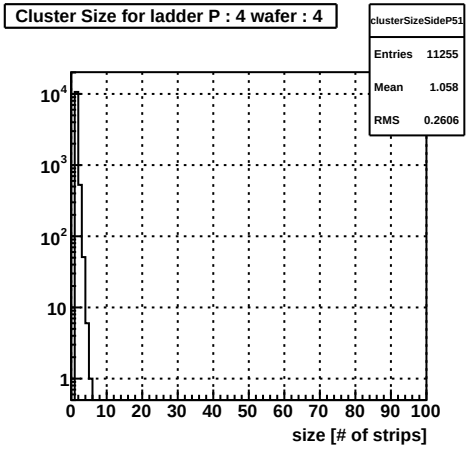

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9904
Mean 1.036
RMS 0.2197
size [# of strips]

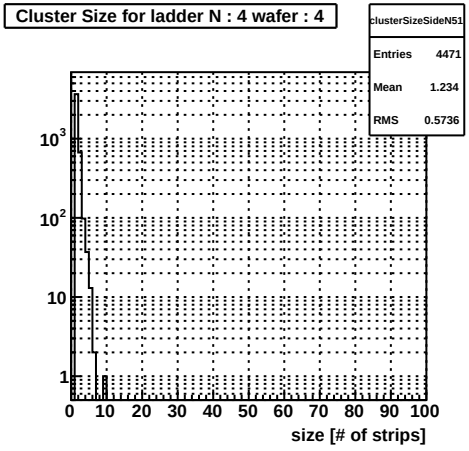

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3226
Mean 1.351
RMS 0.7062
size [# of strips]

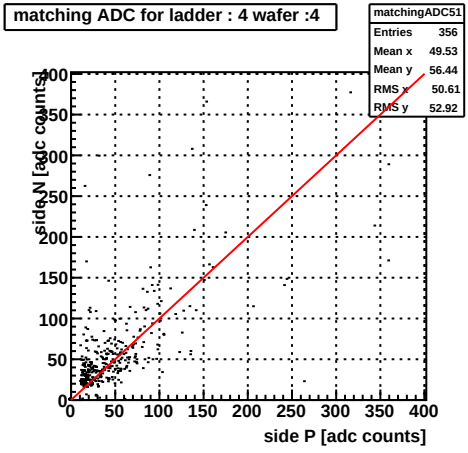

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 397
Mean x 87.84
Mean y 65.58
RMS x 63.8
RMS y 55.94
side N [adc counts]
side P [adc counts]

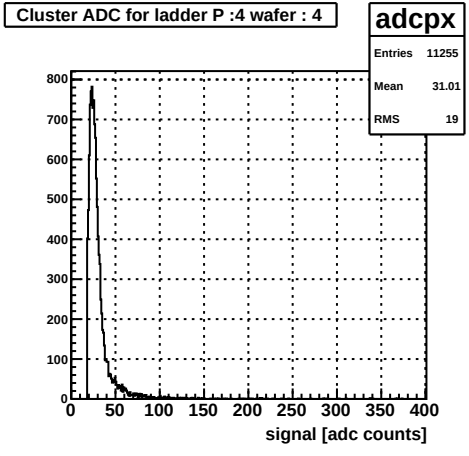

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9904
Mean 32.06
RMS 28.5
signal [adc counts]

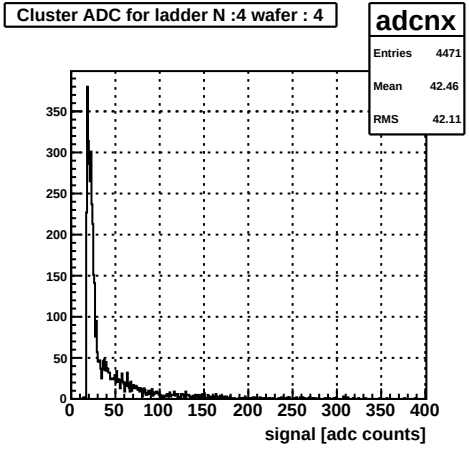

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3226
Mean 50.39
RMS 49.73
signal [adc counts]

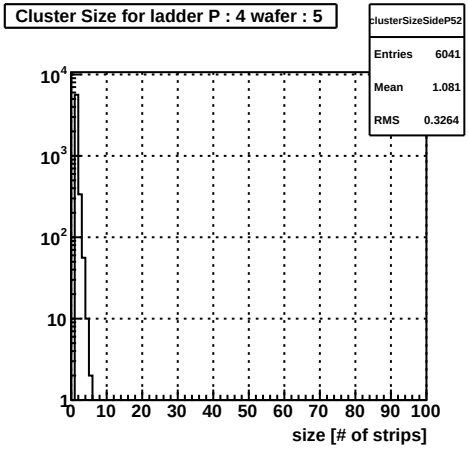

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11255
Mean 1.058
RMS 0.2606
size [# of strips]

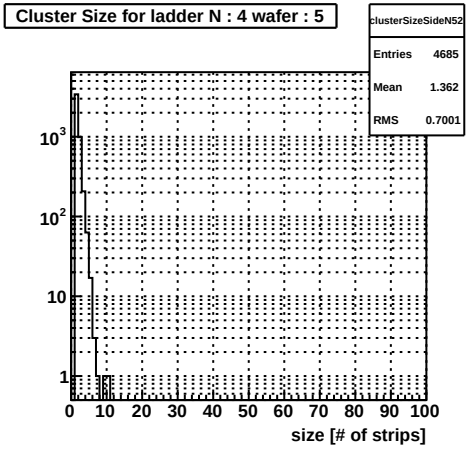

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4471
Mean 1.234
RMS 0.5736
size [# of strips]

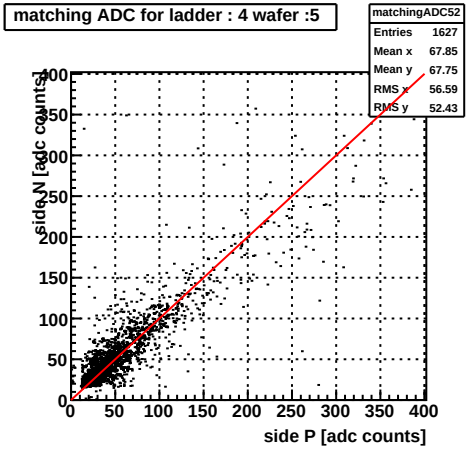

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 356
Mean x 49.53
Mean y 56.44
RMS x 50.61
RMS y 52.92
side N [adc counts]
side P [adc counts]

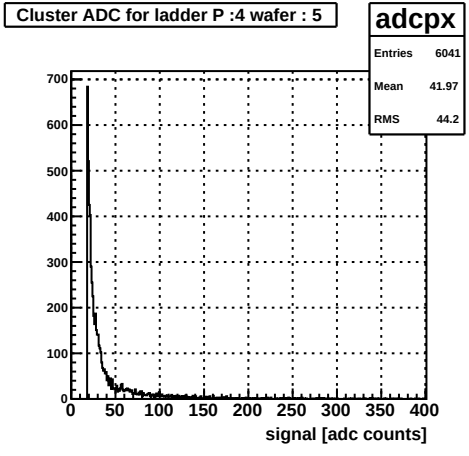

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11255
Mean 31.01
RMS 19
signal [adc counts]

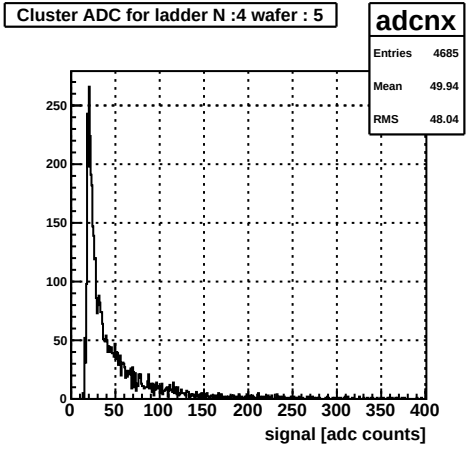

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4471
Mean 42.46
RMS 42.11
signal [adc counts]

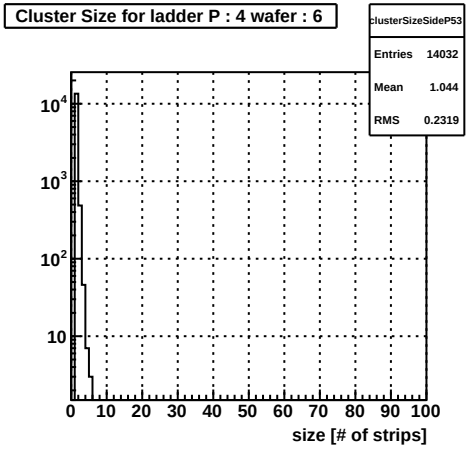

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6041
Mean 1.081
RMS 0.3264
size [# of strips]

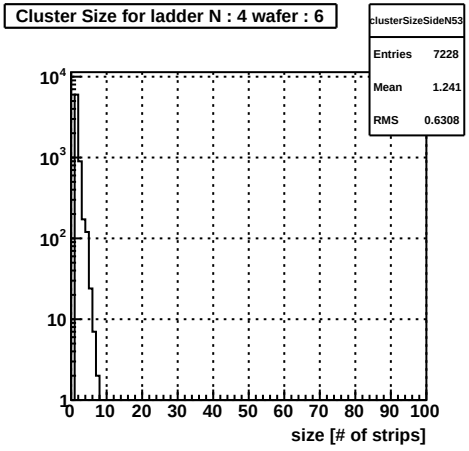

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4685
Mean 1.362
RMS 0.7001
size [# of strips]

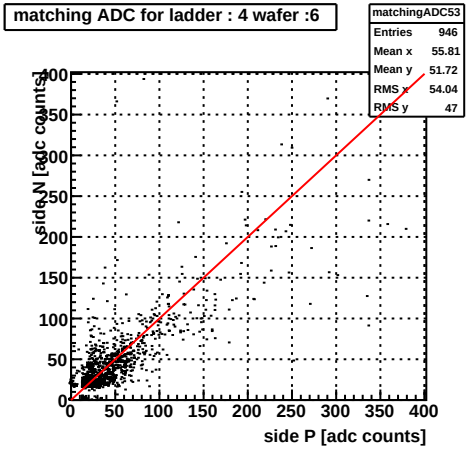

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1627
Mean x 67.85
Mean y 67.75
RMS x 56.59
RMS y 52.43
side N [adc counts]
side P [adc counts]

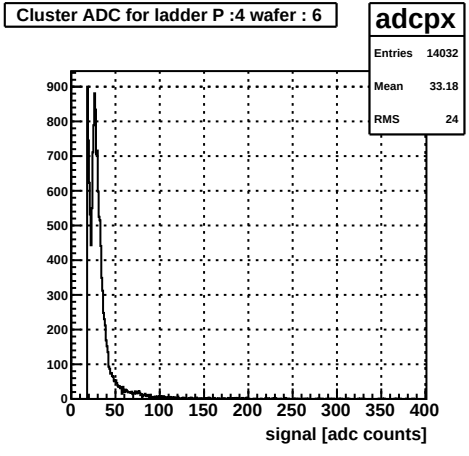

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6041
Mean 41.97
RMS 44.2
signal [adc counts]

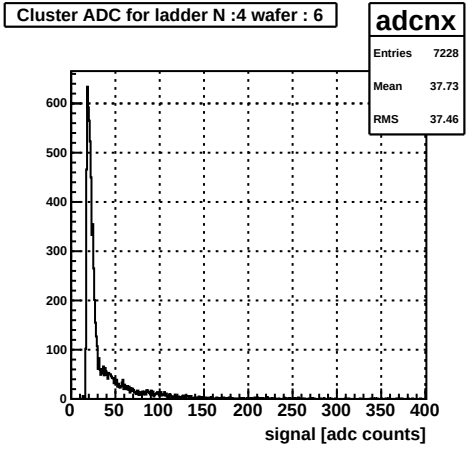

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4685
Mean 49.94
RMS 48.04
signal [adc counts]

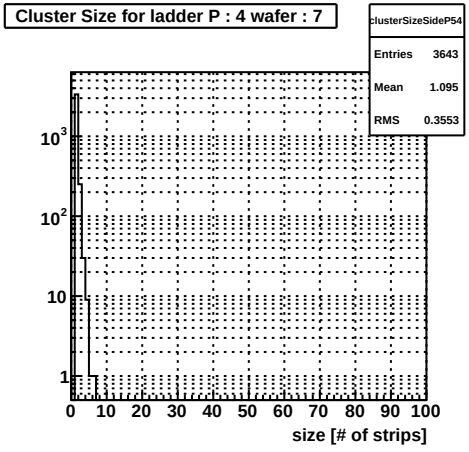

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 14032
Mean 1.044
RMS 0.2319
size [# of strips]

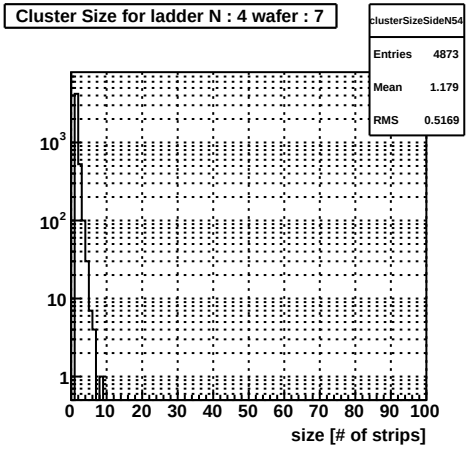

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7228
Mean 1.241
RMS 0.6308
size [# of strips]

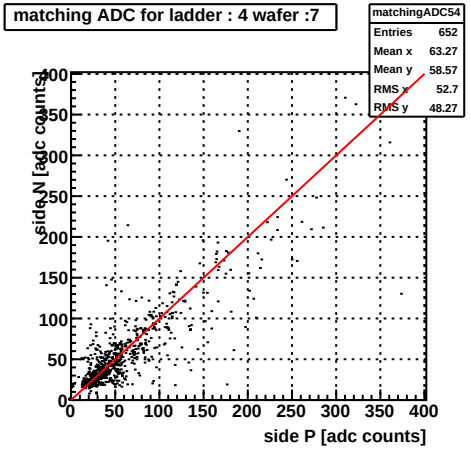

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 946
Mean x 55.81
Mean y 51.72
RMS x 54.04
RMS y 47
side N [adc counts]
side P [adc counts]

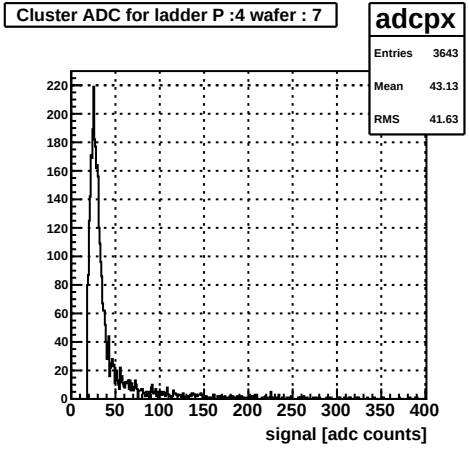

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 14032
Mean 33.18
RMS 24
signal [adc counts]

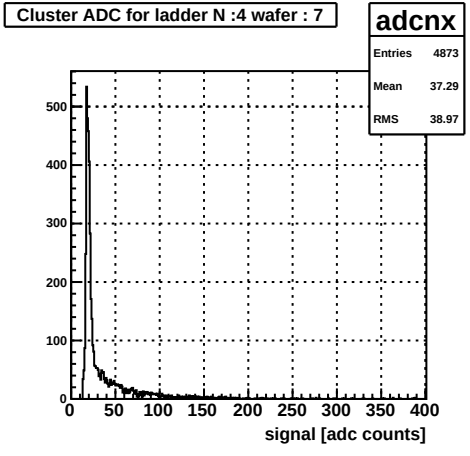

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7228
Mean 37.73
RMS 37.46
signal [adc counts]

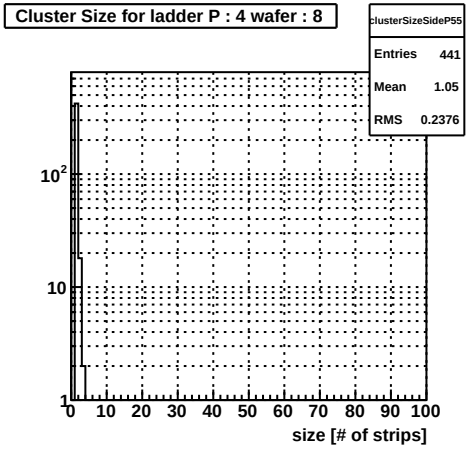

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3643
Mean 1.095
RMS 0.3553
size [# of strips]

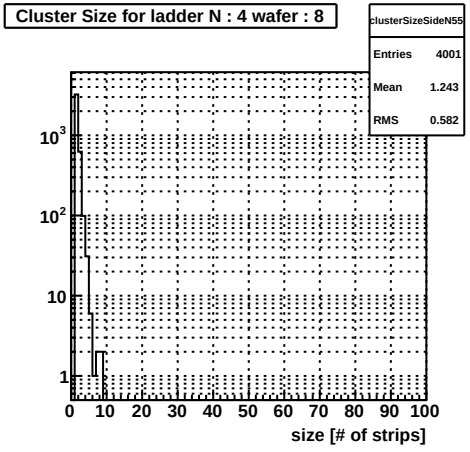

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4873
Mean 1.179
RMS 0.5169
size [# of strips]

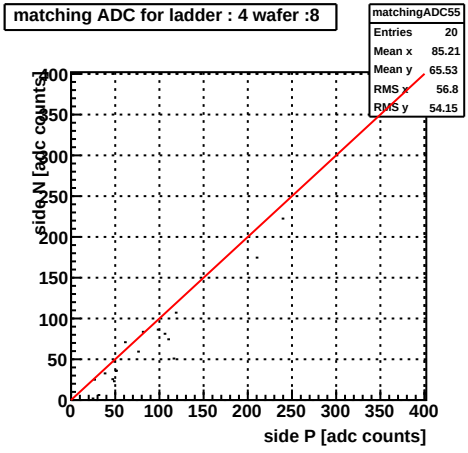

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 652
Mean x 63.27
Mean y 58.57
RMS x 52.7
RMS y 48.27
side N [adc counts]
side P [adc counts]

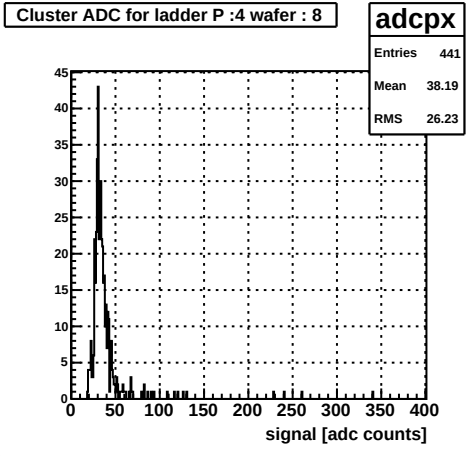

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3643
Mean 43.13
RMS 41.63
signal [adc counts]

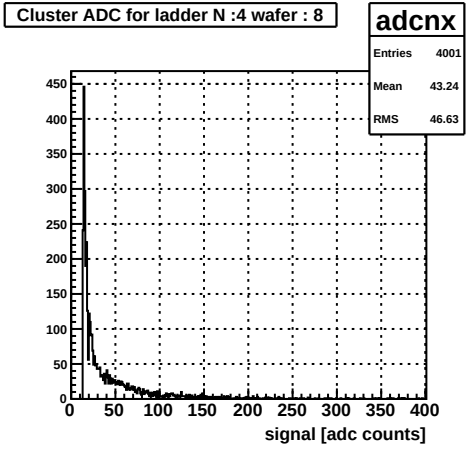

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4873
Mean 37.29
RMS 38.97
signal [adc counts]

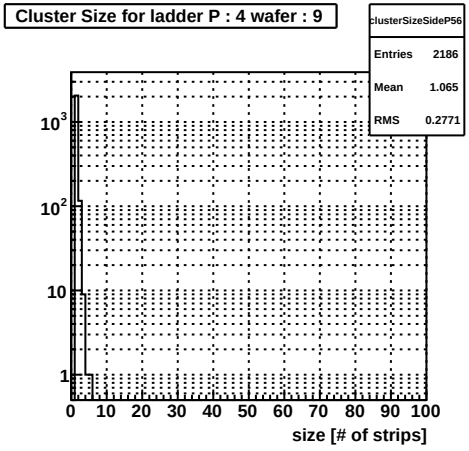

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 441
Mean 1.05
RMS 0.2376
size [# of strips]

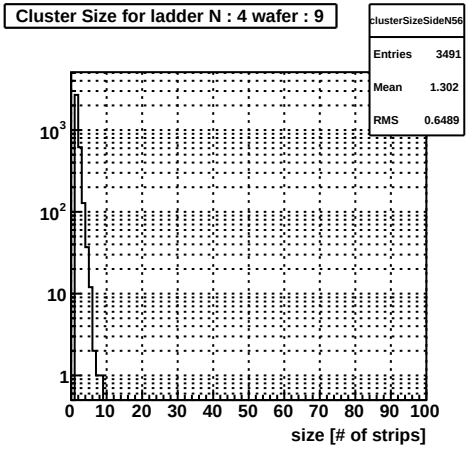

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4001
Mean 1.243
RMS 0.582
size [# of strips]

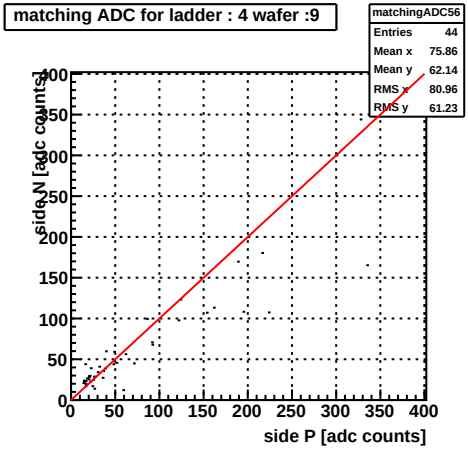

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 20
Mean x 85.21
Mean y 65.53
RMS x 56.8
RMS y 54.15
side N [adc counts]
side P [adc counts]

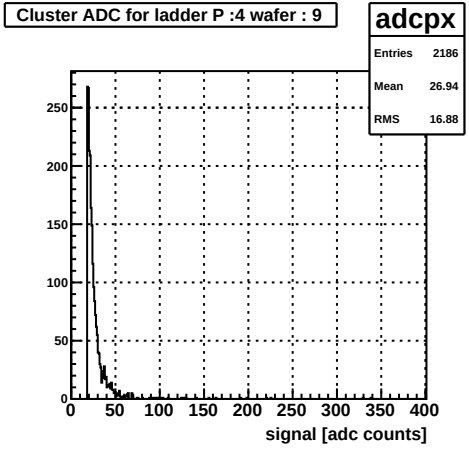

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 441
Mean 38.19
RMS 26.23
signal [adc counts]

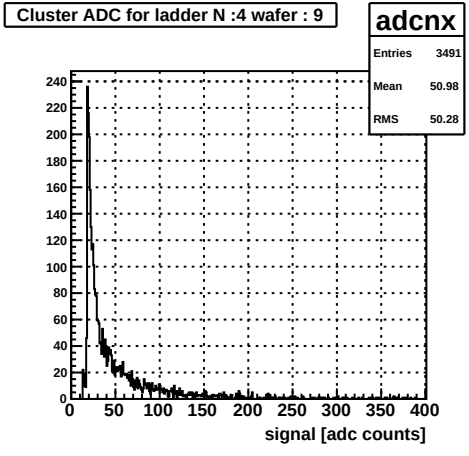

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4001
Mean 43.24
RMS 46.63
signal [adc counts]

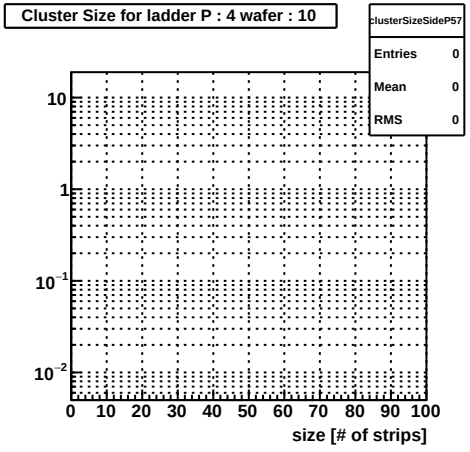

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2186
Mean 1.065
RMS 0.2771
size [# of strips]

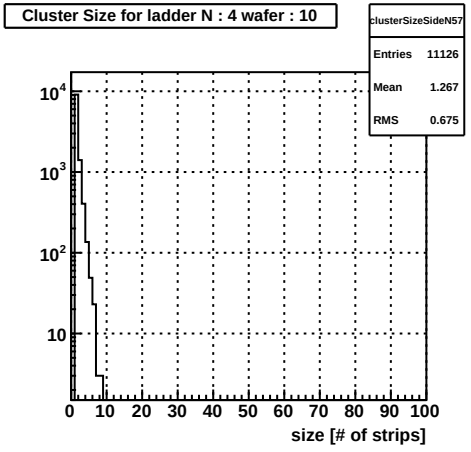

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3491
Mean 1.302
RMS 0.6489
size [# of strips]

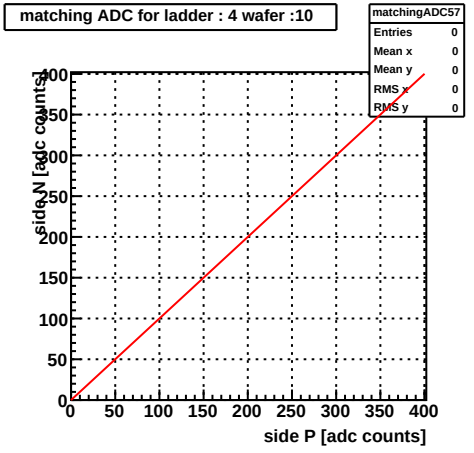

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 44
Mean x 75.86
Mean y 62.14
RMS x 80.96
RMS y 61.23
side N [adc counts]
side P [adc counts]

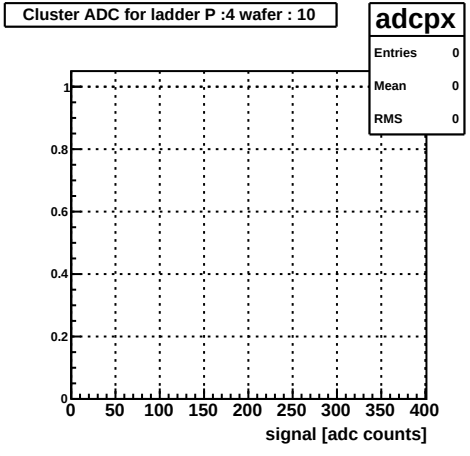

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2186
Mean 26.94
RMS 16.88
signal [adc counts]

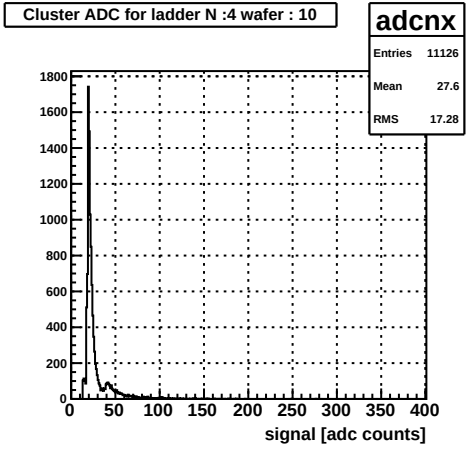

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3491
Mean 50.98
RMS 50.28
signal [adc counts]

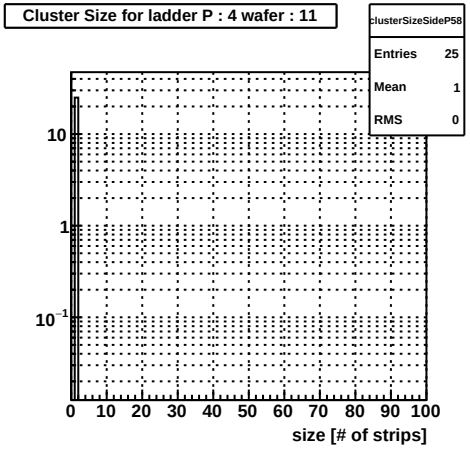

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

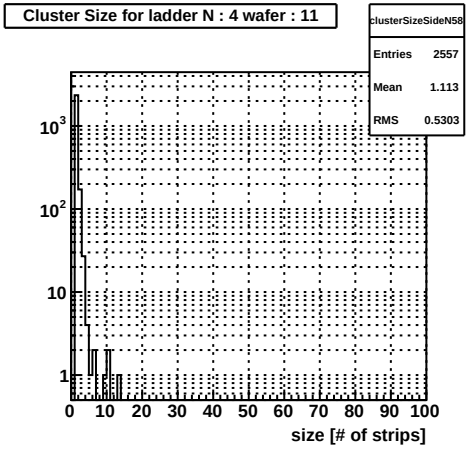

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11126
Mean 1.267
RMS 0.675
size [# of strips]

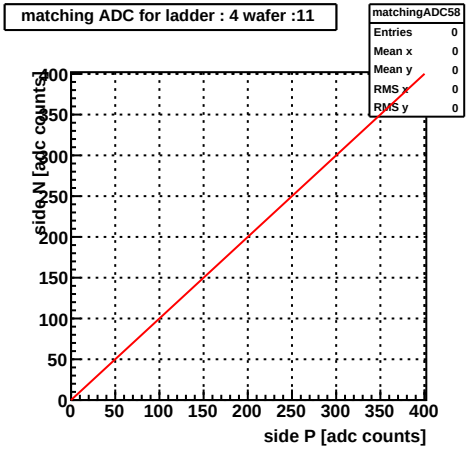

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

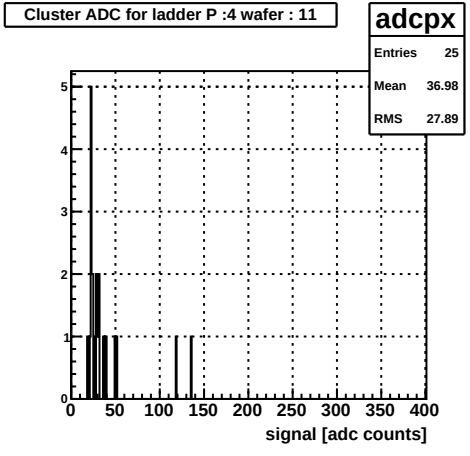

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

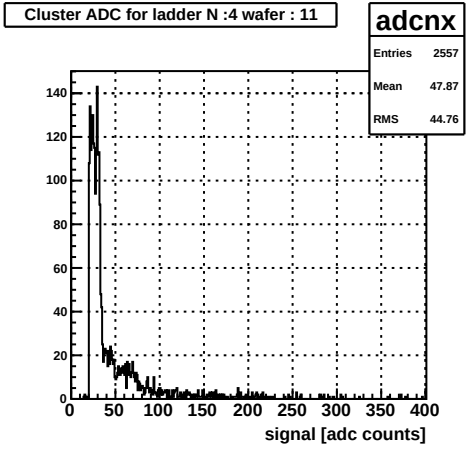

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11126
Mean 27.6
RMS 17.28
signal [adc counts]

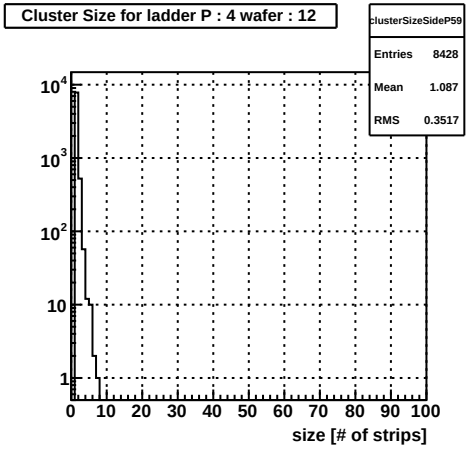

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 25
Mean 1
RMS 0
size [# of strips]

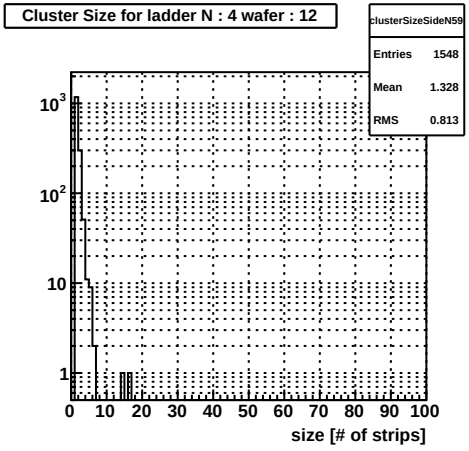

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2557
Mean 1.113
RMS 0.5303
size [# of strips]

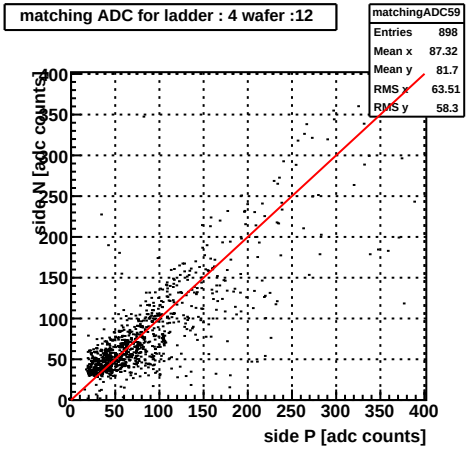

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

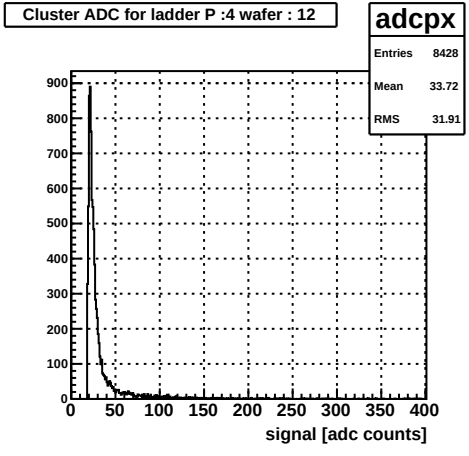

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 25
Mean 36.98
RMS 27.89
signal [adc counts]

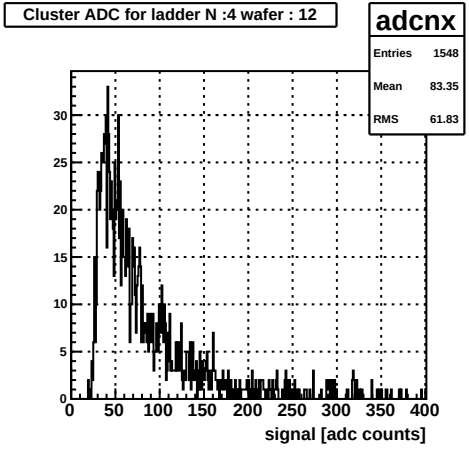

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2557
Mean 47.87
RMS 44.76
signal [adc counts]

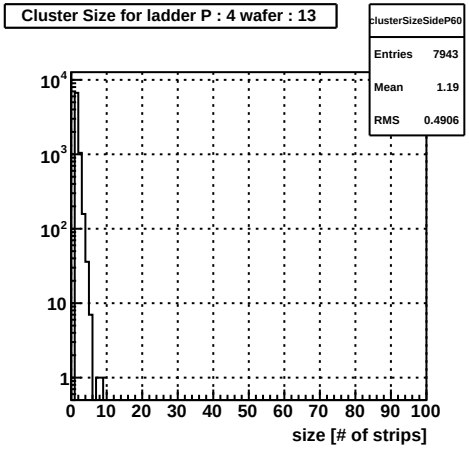

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8428
Mean 1.087
RMS 0.3517
size [# of strips]

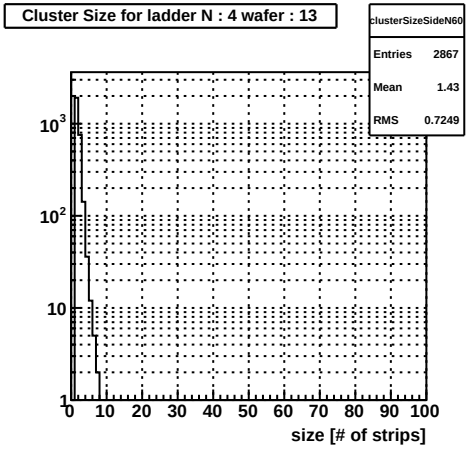

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1548
Mean 1.328
RMS 0.813
size [# of strips]

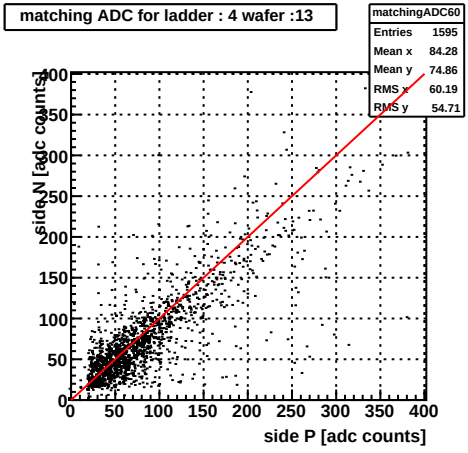

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 898
Mean x 87.32
Mean y 81.7
RMS x 63.51
RMS y 58.3
side N [adc counts]
side P [adc counts]

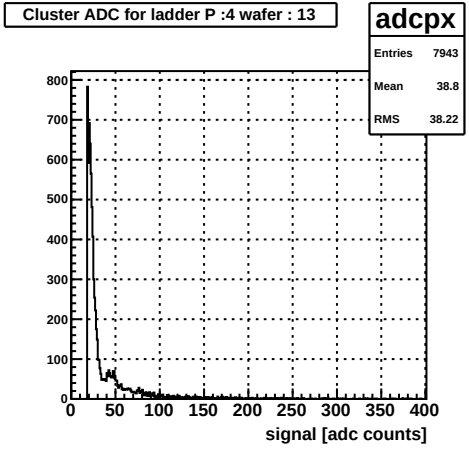

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8428
Mean 33.72
RMS 31.91
signal [adc counts]

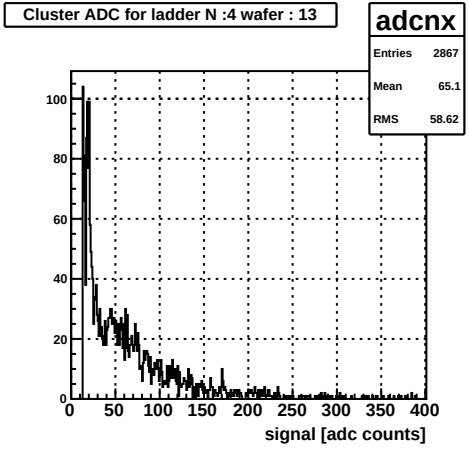

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1548
Mean 83.35
RMS 61.83
signal [adc counts]

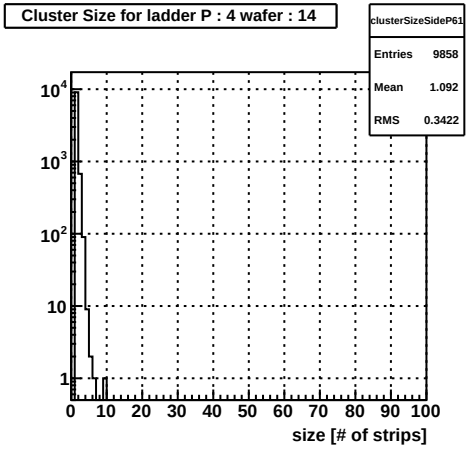

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7943
Mean 1.19
RMS 0.4906
size [# of strips]

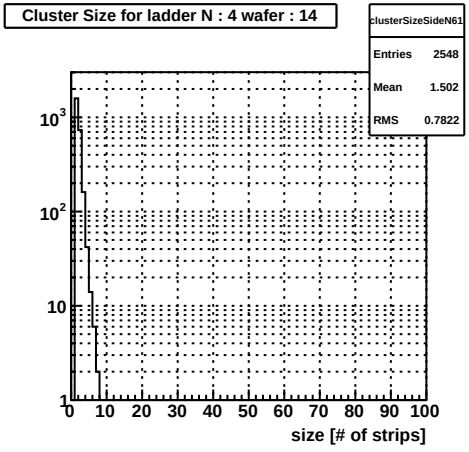

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2867
Mean 1.43
RMS 0.7249
size [# of strips]

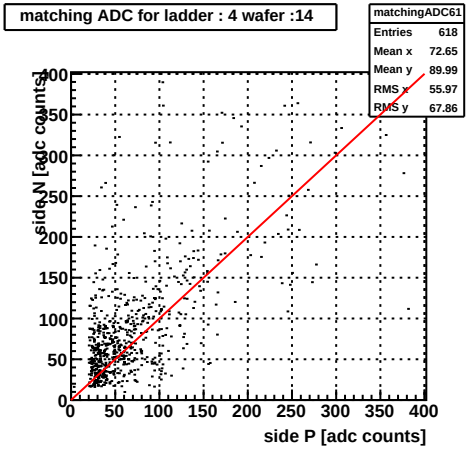

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1595
Mean x 84.28
Mean y 74.86
RMS x 60.19
RMS y 54.71
side N [adc counts]
side P [adc counts]

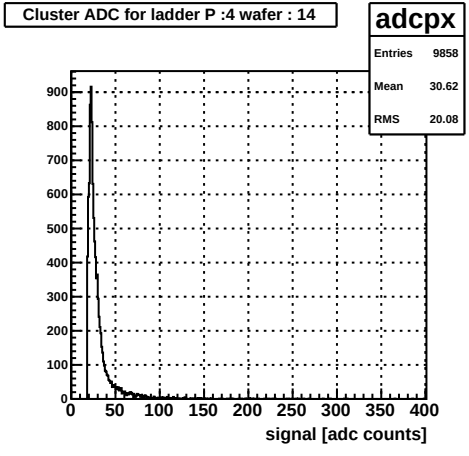

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7943
Mean 38.8
RMS 38.22
signal [adc counts]

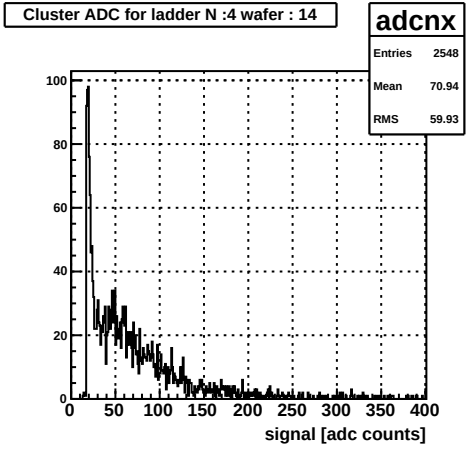

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2867
Mean 65.1
RMS 58.62
signal [adc counts]

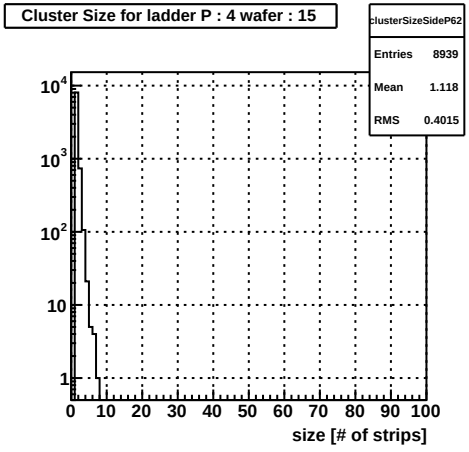

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9858
Mean 1.092
RMS 0.3422
size [# of strips]

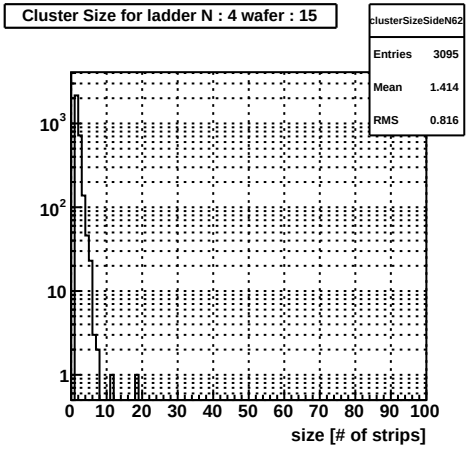

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2548
Mean 1.502
RMS 0.7822
size [# of strips]

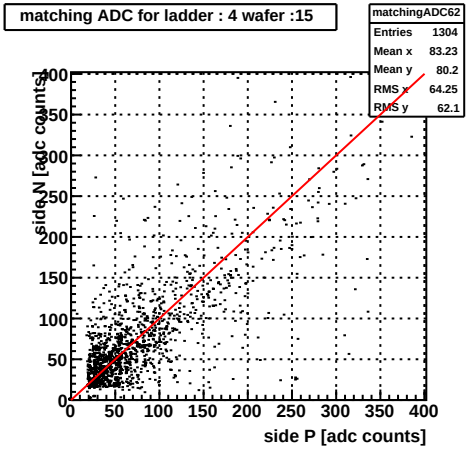

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 618
Mean x 72.65
Mean y 89.99
RMS x 55.97
RMS y 67.86
side N [adc counts]
side P [adc counts]

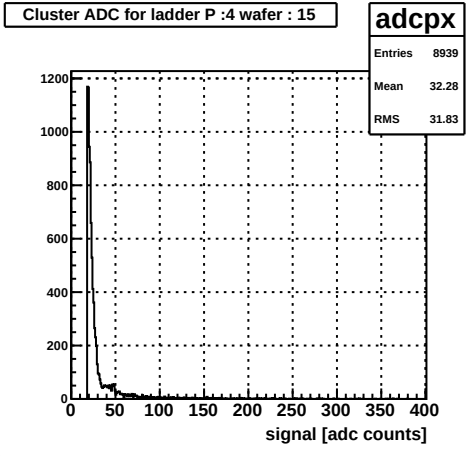

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9858
Mean 30.62
RMS 20.08
signal [adc counts]

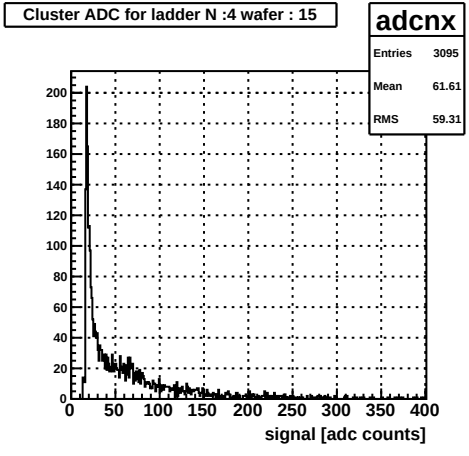

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2548
Mean 70.94
RMS 59.93
signal [adc counts]

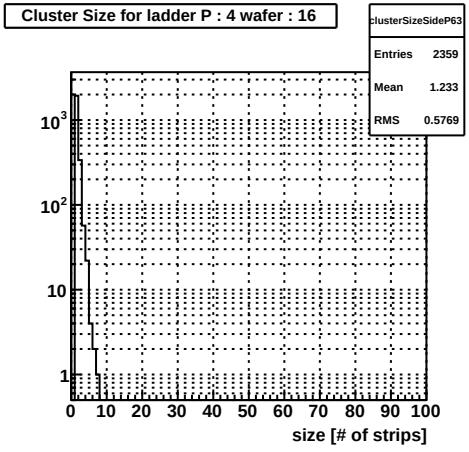

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8939
Mean 1.118
RMS 0.4015
size [# of strips]

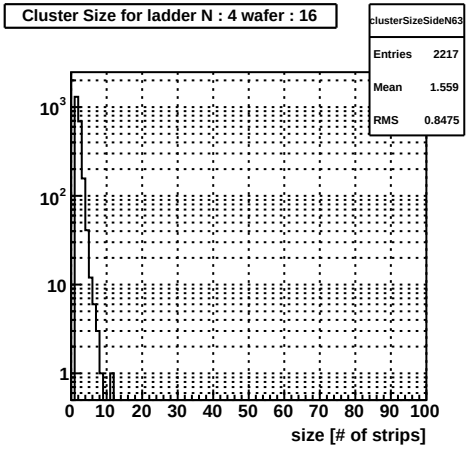

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3095
Mean 1.414
RMS 0.816
size [# of strips]

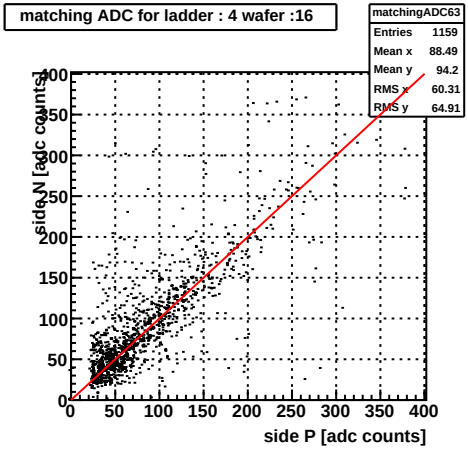

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1304
Mean x 83.23
Mean y 80.2
RMS x 64.25
RMS y 62.1
side N [adc counts]
side P [adc counts]

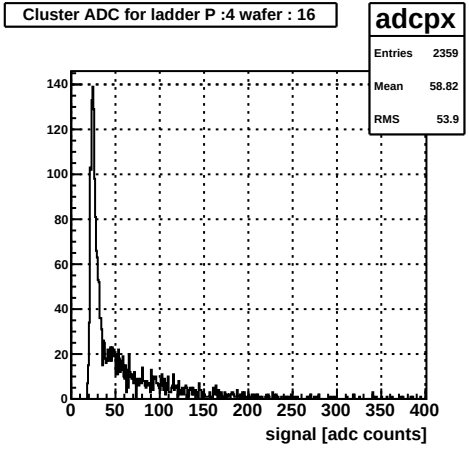

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8939
Mean 32.28
RMS 31.83
signal [adc counts]

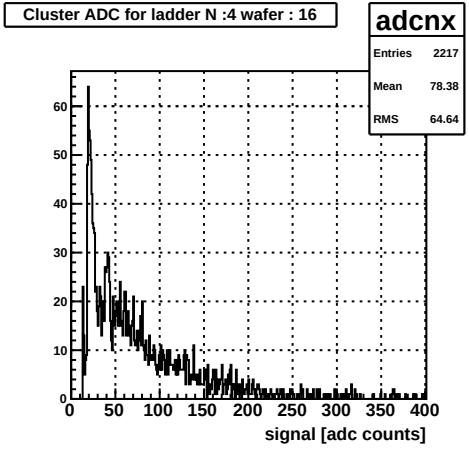

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3095
Mean 61.61
RMS 59.31
signal [adc counts]

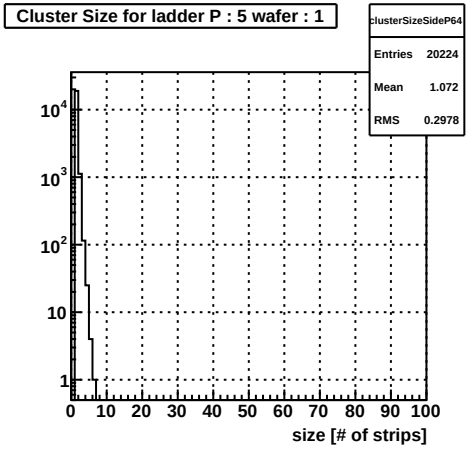

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2359
Mean 1.233
RMS 0.5769
size [# of strips]

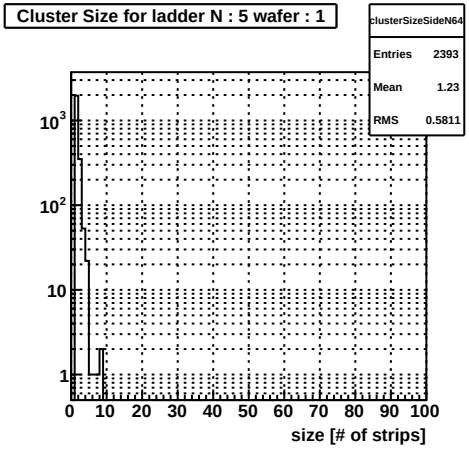

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2217
Mean 1.559
RMS 0.8475
size [# of strips]

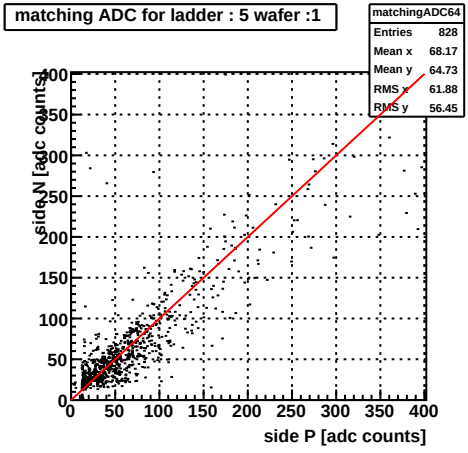

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1159
Mean x 88.49
Mean y 94.2
RMS x 60.31
RMS y 64.91
side N [adc counts]
side P [adc counts]

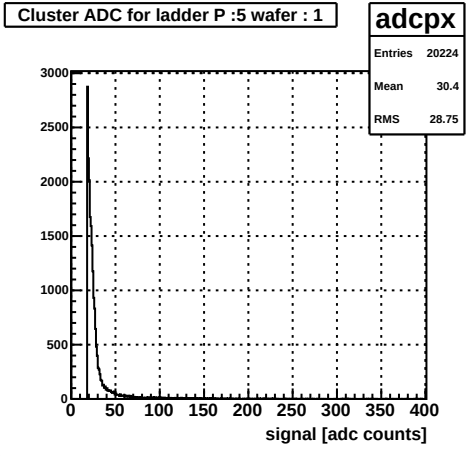

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2359
Mean 58.82
RMS 53.9
signal [adc counts]

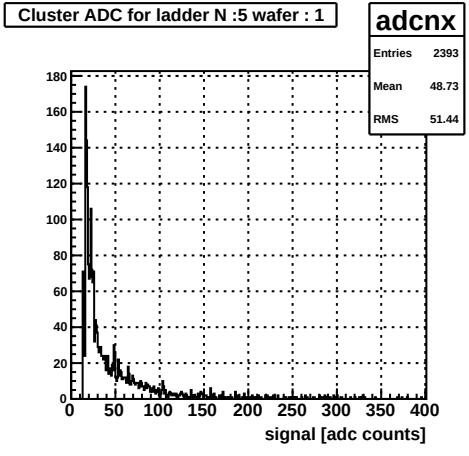

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2217
Mean 78.38
RMS 64.64
signal [adc counts]

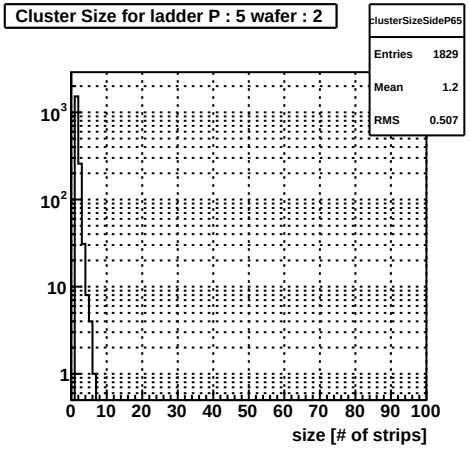

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20224
Mean 1.072
RMS 0.2978
size [# of strips]

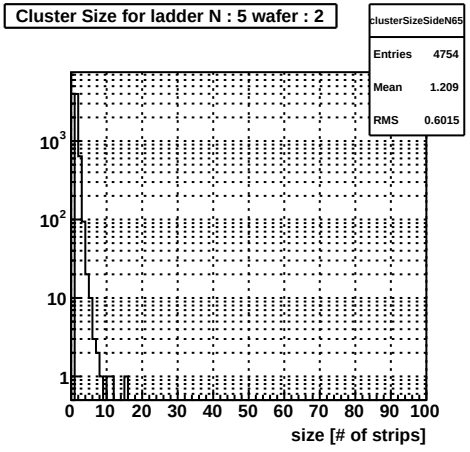

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2393
Mean 1.23
RMS 0.5811
size [# of strips]

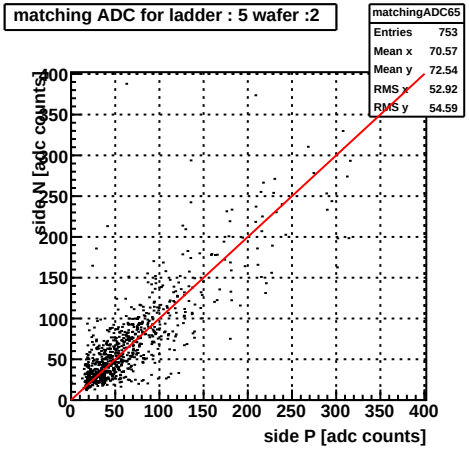

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 828
Mean x 68.17
Mean y 64.73
RMS x 61.88
RMS y 56.45
side N [adc counts]
side P [adc counts]

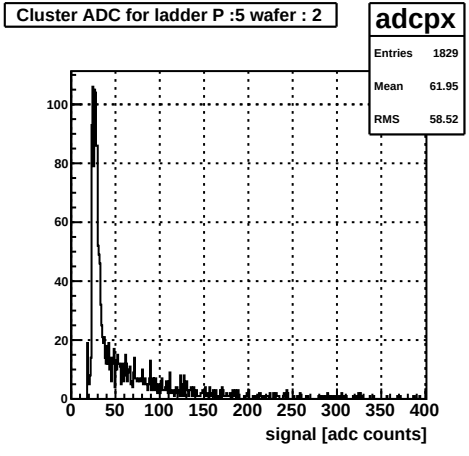

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20224
Mean 30.4
RMS 28.75
signal [adc counts]

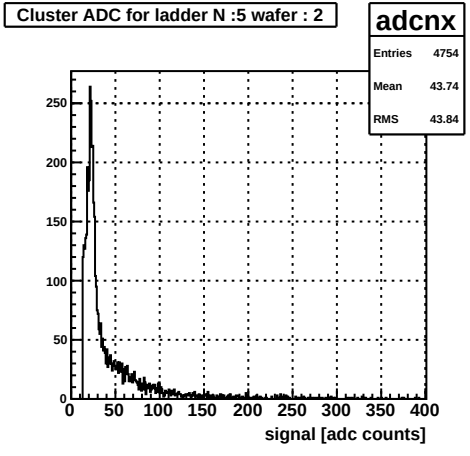

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2393
Mean 48.73
RMS 51.44
signal [adc counts]

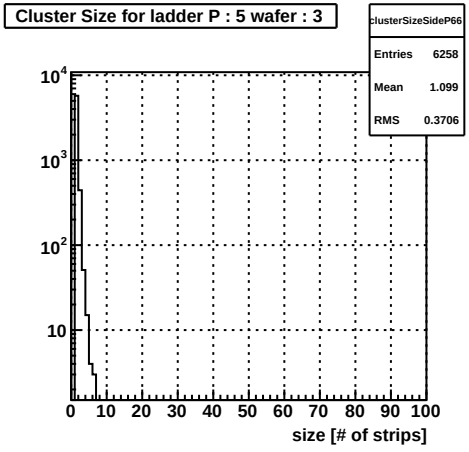

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1829
Mean 1.2
RMS 0.507
size [# of strips]

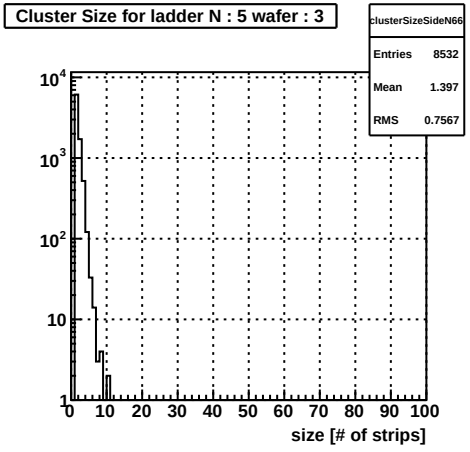

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4754
Mean 1.209
RMS 0.6015
size [# of strips]

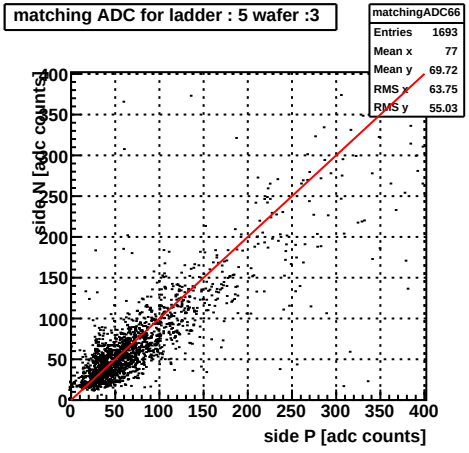

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 753
Mean x 70.57
Mean y 72.54
RMS x 52.92
RMS y 54.59
side N [adc counts]
side P [adc counts]

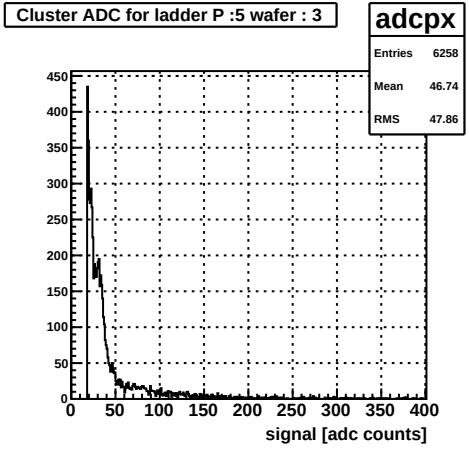

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1829
Mean 61.95
RMS 58.52
signal [adc counts]

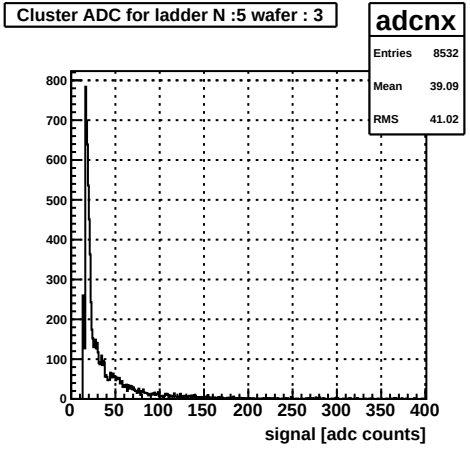

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4754
Mean 43.74
RMS 43.84
signal [adc counts]

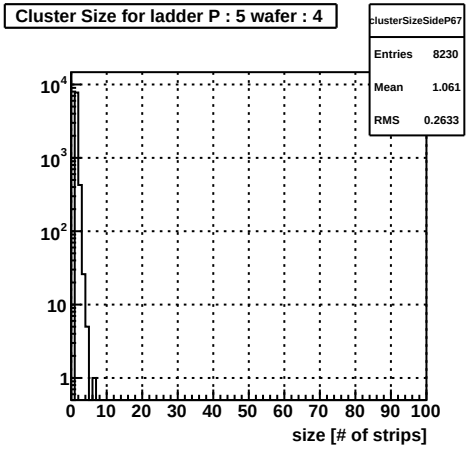

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6258
Mean 1.099
RMS 0.3706
size [# of strips]

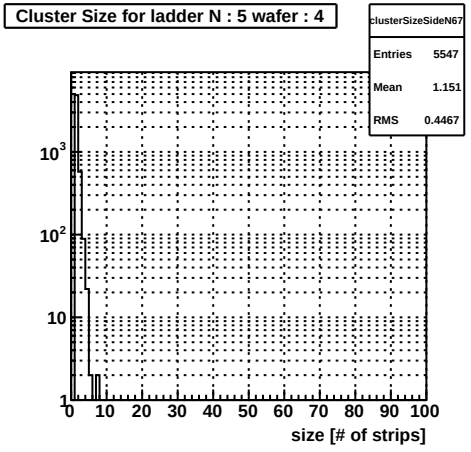

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8532
Mean 1.397
RMS 0.7567
size [# of strips]

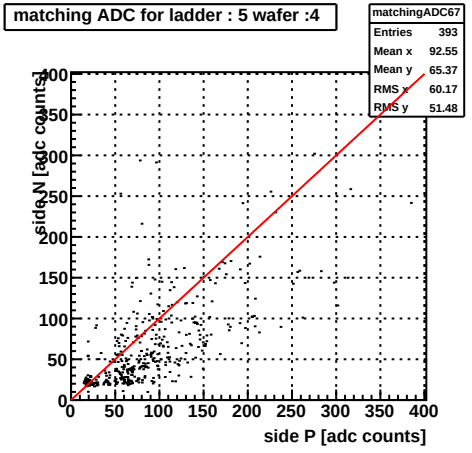

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1693
Mean x 77
Mean y 69.72
RMS x 63.75
RMS y 55.03
side N [adc counts]
side P [adc counts]

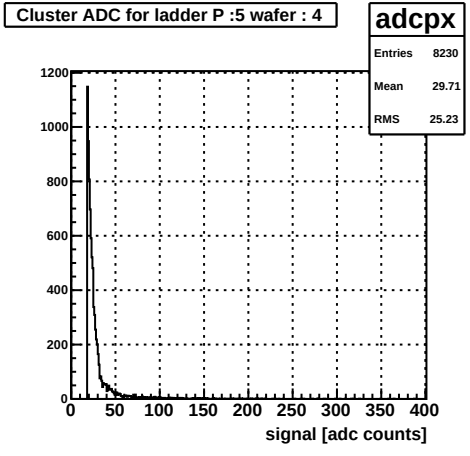

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6258
Mean 46.74
RMS 47.86
signal [adc counts]

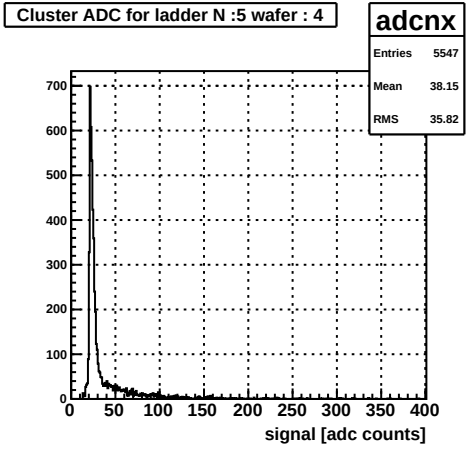

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8532
Mean 39.09
RMS 41.02
signal [adc counts]

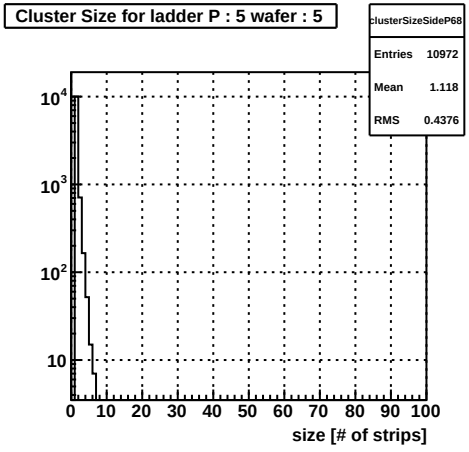

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8230
Mean 1.061
RMS 0.2633
size [# of strips]

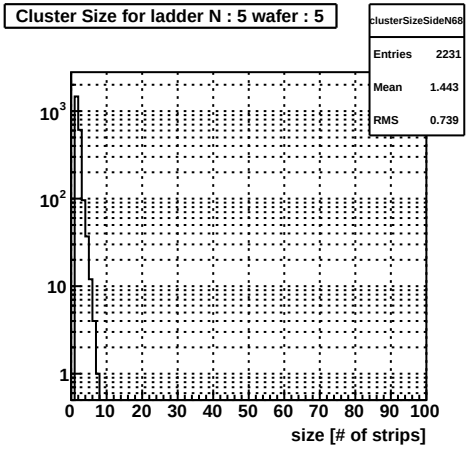

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5547
Mean 1.151
RMS 0.4467
size [# of strips]

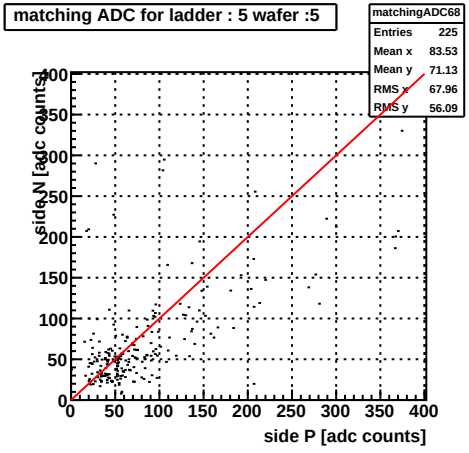

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 393
Mean x 92.55
Mean y 65.37
RMS x 60.17
RMS y 51.48
side N [adc counts]
side P [adc counts]

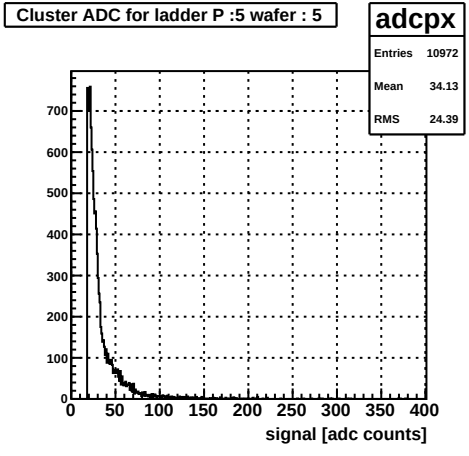

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8230
Mean 29.71
RMS 25.23
signal [adc counts]

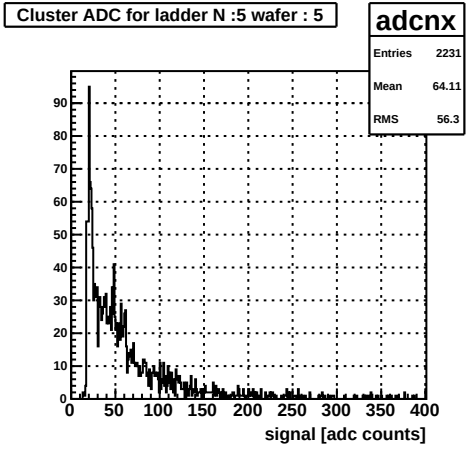

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5547
Mean 38.15
RMS 35.82
signal [adc counts]

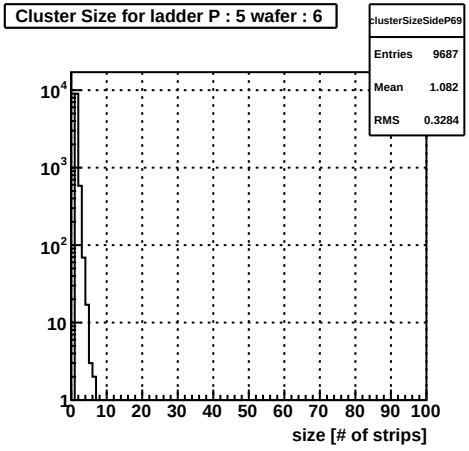

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 10972
Mean 1.118
RMS 0.4376
size [# of strips]

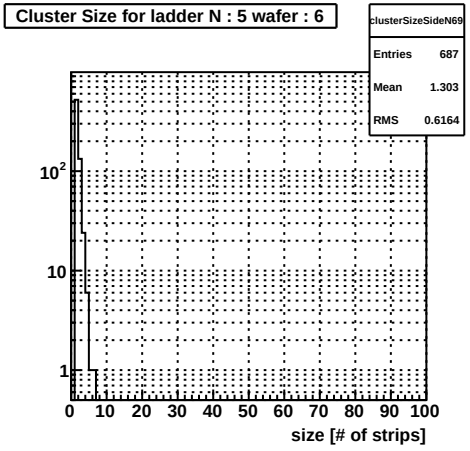

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2231
Mean 1.443
RMS 0.739
size [# of strips]

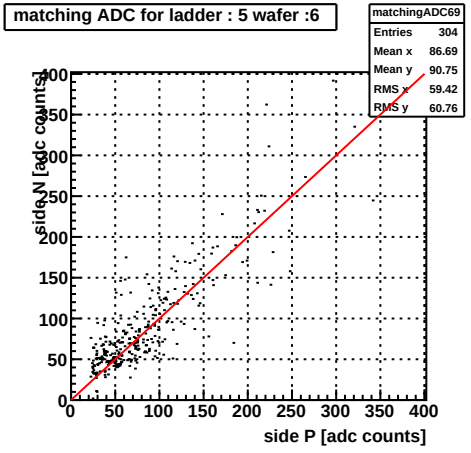

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 225
Mean x 83.53
Mean y 71.13
RMS x 67.96
RMS y 56.09
side N [adc counts]
side P [adc counts]

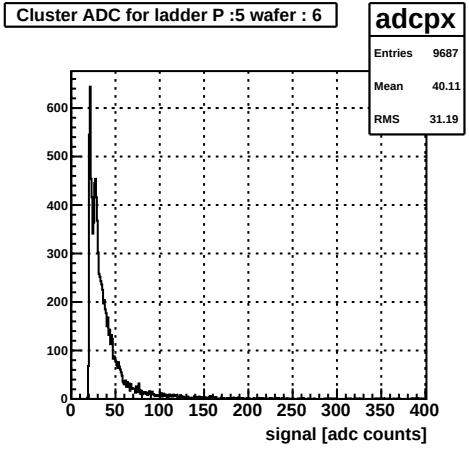

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 10972
Mean 34.13
RMS 24.39
signal [adc counts]

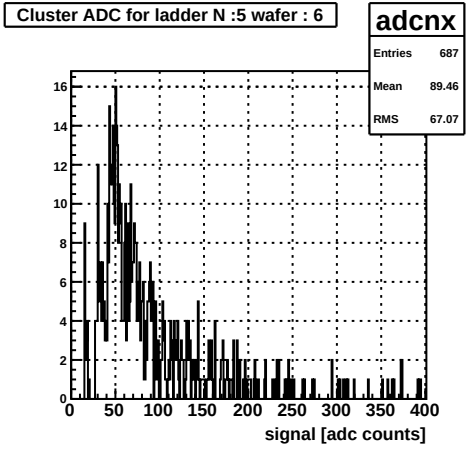

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2231
Mean 64.11
RMS 56.3
signal [adc counts]

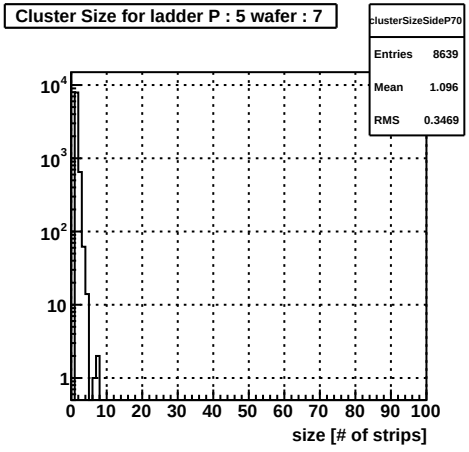

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9687
Mean 1.082
RMS 0.3284
size [# of strips]

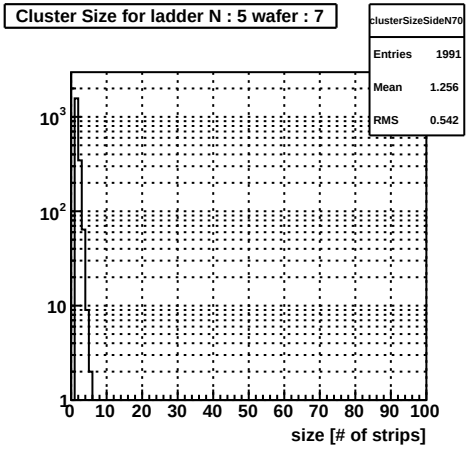

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 687
Mean 1.303
RMS 0.6164
size [# of strips]

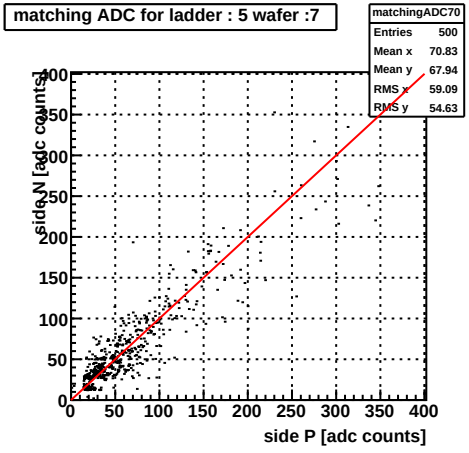

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 304
Mean x 86.69
Mean y 90.75
RMS x 59.42
RMS y 60.76
side N [adc counts]
side P [adc counts]

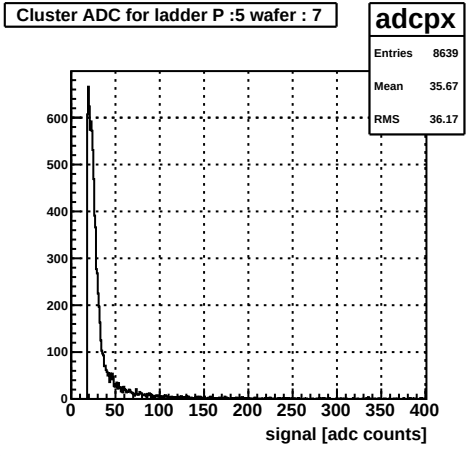

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9687
Mean 40.11
RMS 31.19
signal [adc counts]

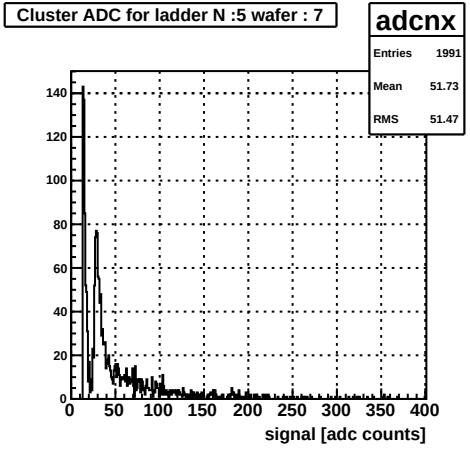

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 687
Mean 89.46
RMS 67.07
signal [adc counts]

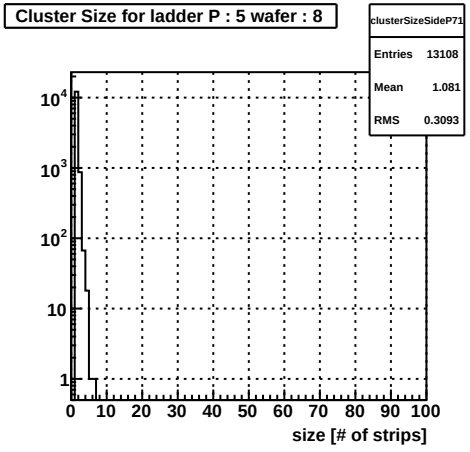

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8639
Mean 1.096
RMS 0.3469
size [# of strips]

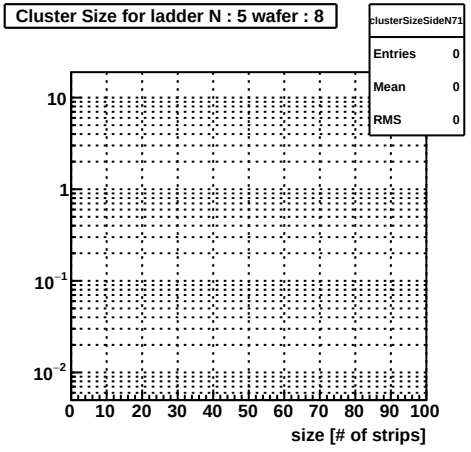

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1991
Mean 1.256
RMS 0.542
size [# of strips]

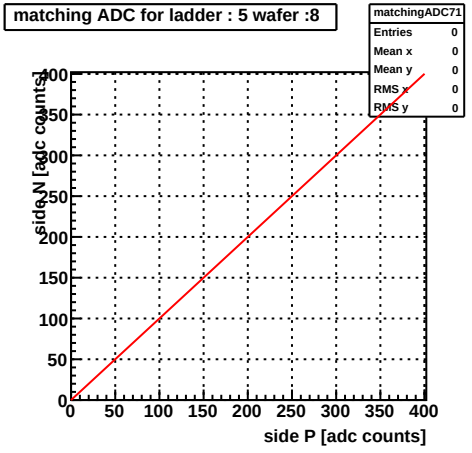

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 500
Mean x 70.83
Mean y 67.94
RMS x 59.09
RMS y 54.63
side N [adc counts]
side P [adc counts]

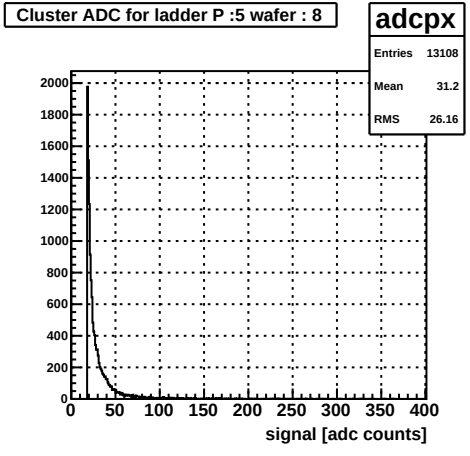

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8639
Mean 35.67
RMS 36.17
signal [adc counts]

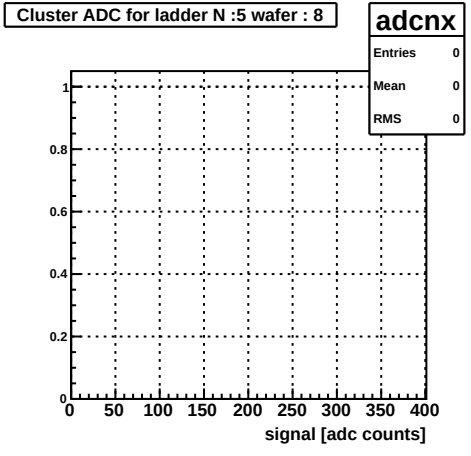

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1991
Mean 51.73
RMS 51.47
signal [adc counts]

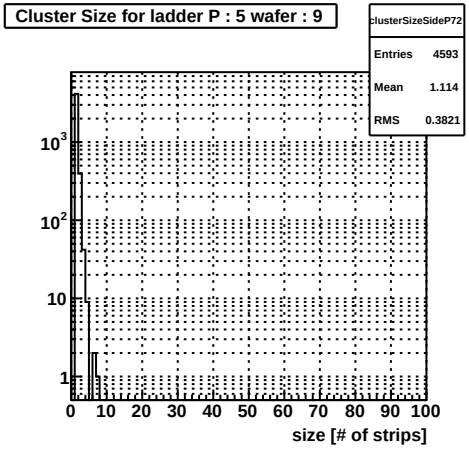

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13108
Mean 1.081
RMS 0.3093
size [# of strips]

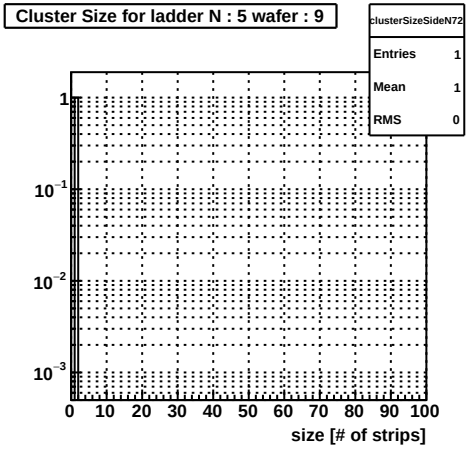

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

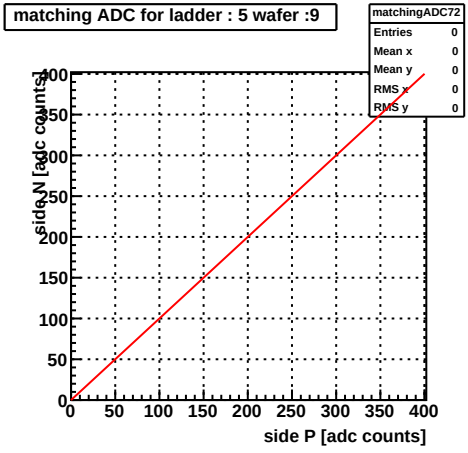

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

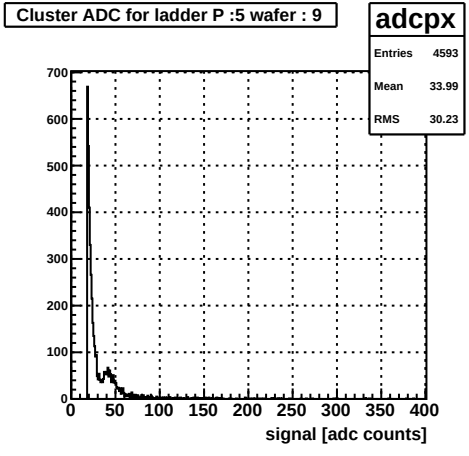

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13108
Mean 31.2
RMS 26.16
signal [adc counts]

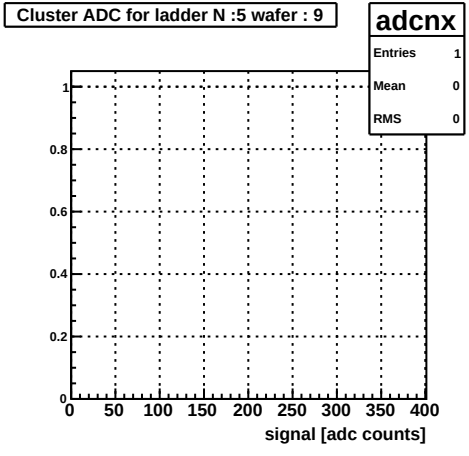

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

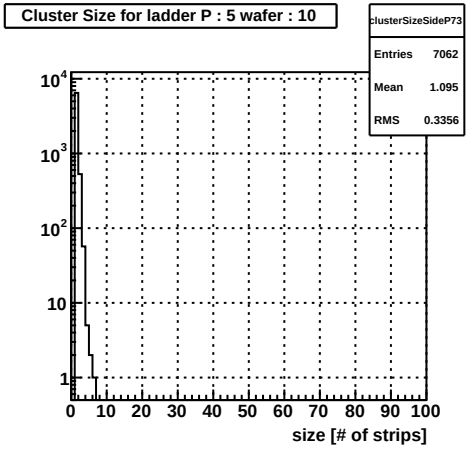

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4593
Mean 1.114
RMS 0.3821
size [# of strips]

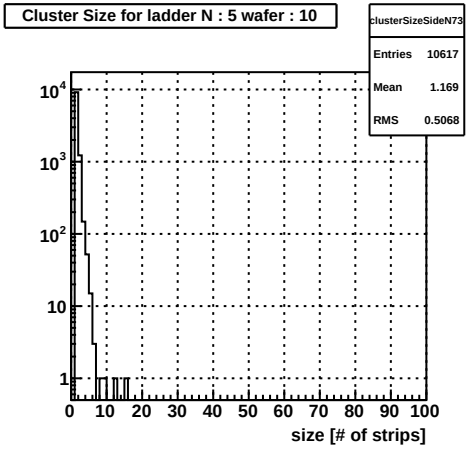

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

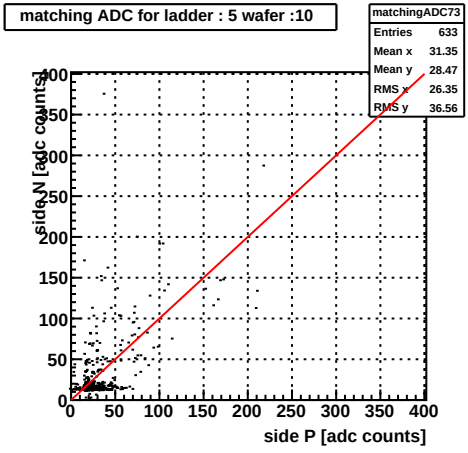

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

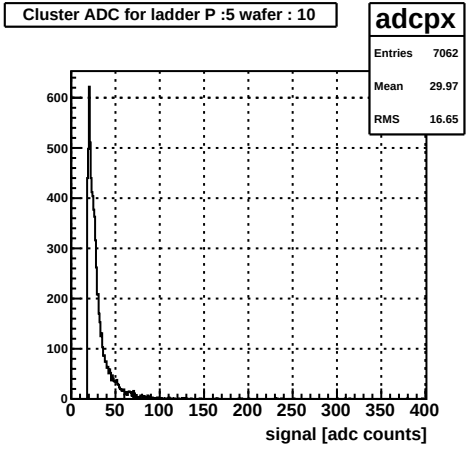

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4593
Mean 33.99
RMS 30.23
signal [adc counts]

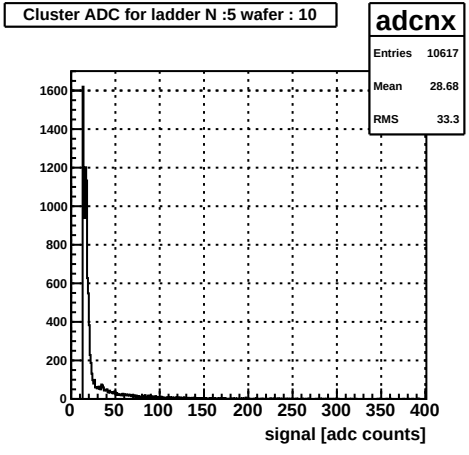

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

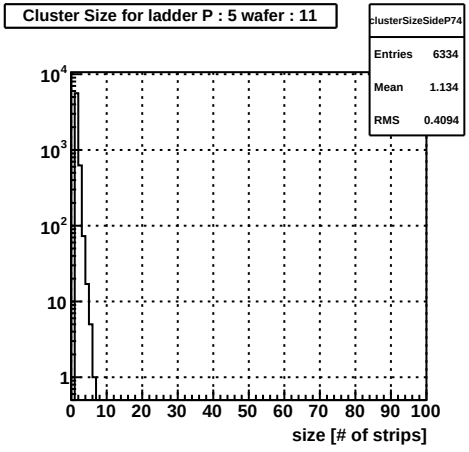

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 7062
Mean 1.095
RMS 0.3356
size [# of strips]

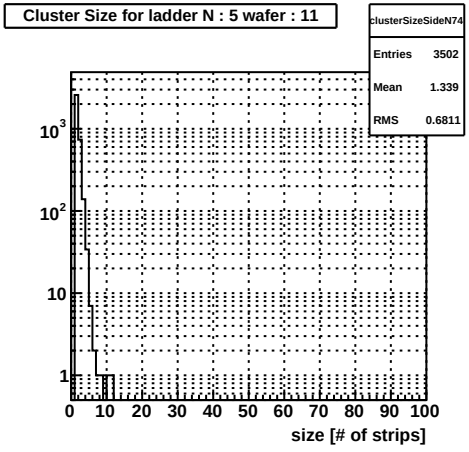

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10617
Mean 1.169
RMS 0.5068
size [# of strips]

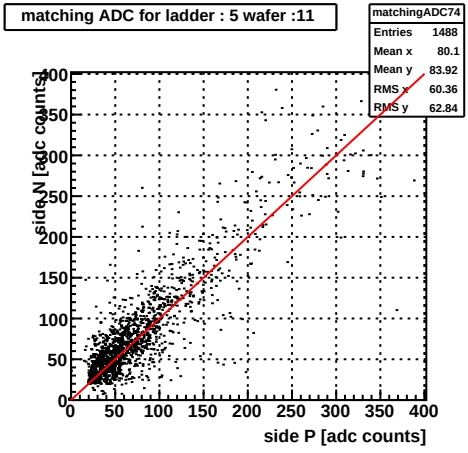

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 633
Mean x 31.35
Mean y 28.47
RMS x 26.35
RMS y 36.56
side N [adc counts]
side P [adc counts]

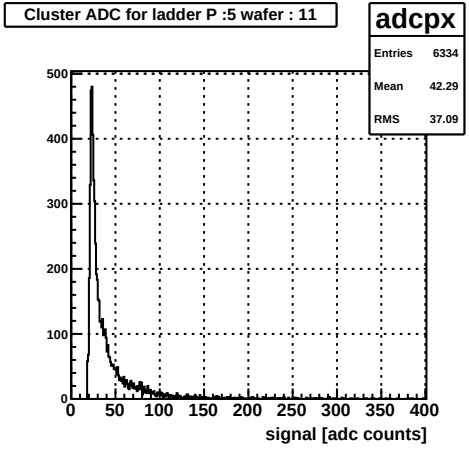

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 7062
Mean 29.97
RMS 16.65
signal [adc counts]

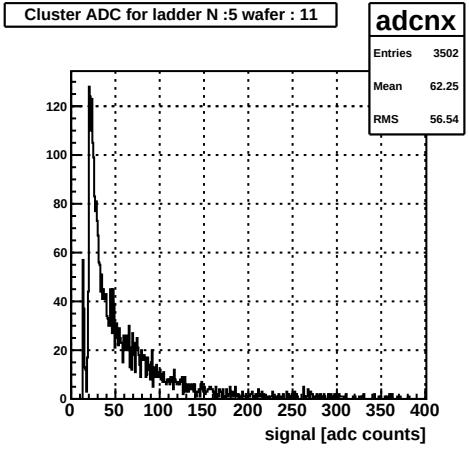

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10617
Mean 28.68
RMS 33.3
signal [adc counts]

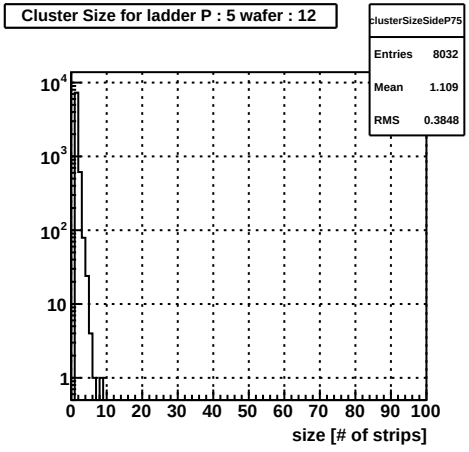

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6334
Mean 1.134
RMS 0.4094
size [# of strips]

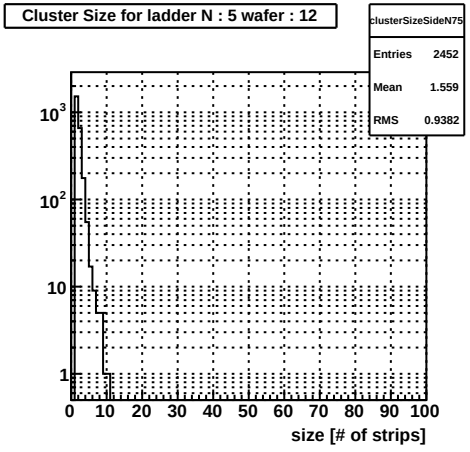

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3502
Mean 1.339
RMS 0.6811
size [# of strips]

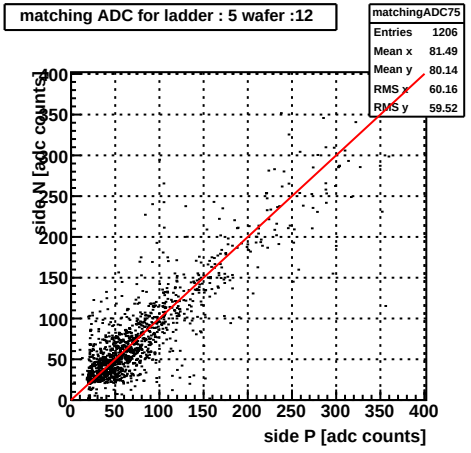

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1488
Mean x 80.1
Mean y 83.92
RMS x 60.36
RMS y 62.84
side N [adc counts]
side P [adc counts]

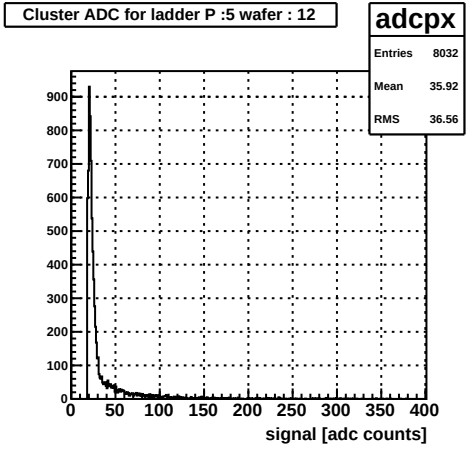

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6334
Mean 42.29
RMS 37.09
signal [adc counts]

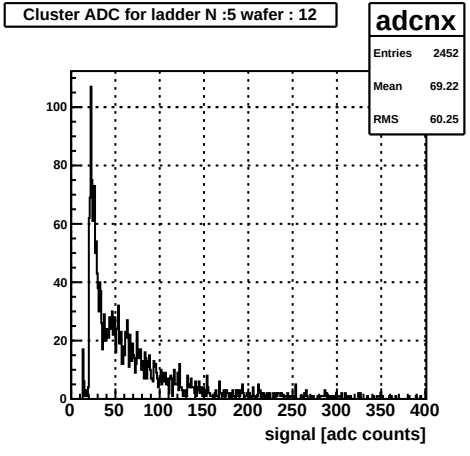

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3502
Mean 62.25
RMS 56.54
signal [adc counts]

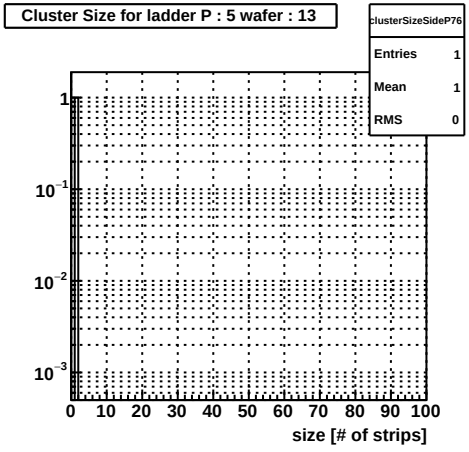

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8032
Mean 1.109
RMS 0.3848
size [# of strips]

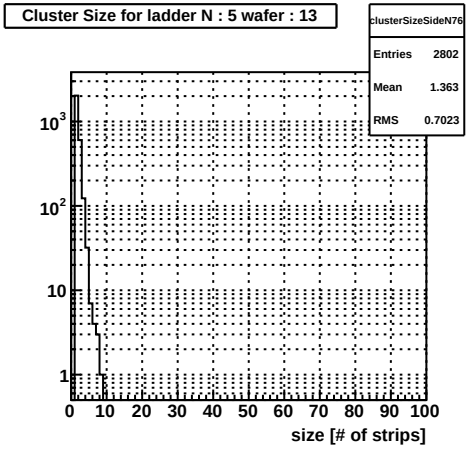

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2452
Mean 1.559
RMS 0.9382
size [# of strips]

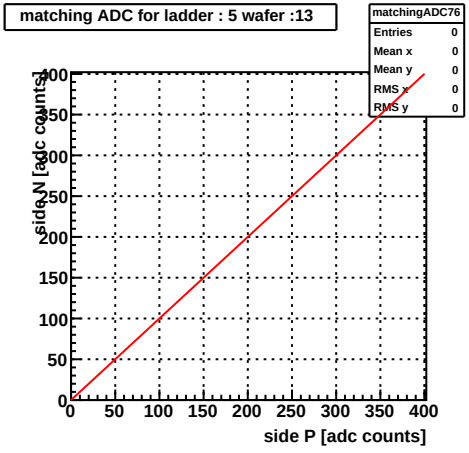

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1206
Mean x 81.49
Mean y 80.14
RMS x 60.16
RMS y 59.52
side N [adc counts]
side P [adc counts]

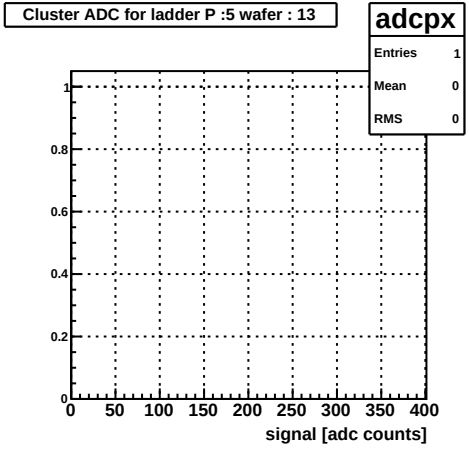

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8032
Mean 35.92
RMS 36.56
signal [adc counts]

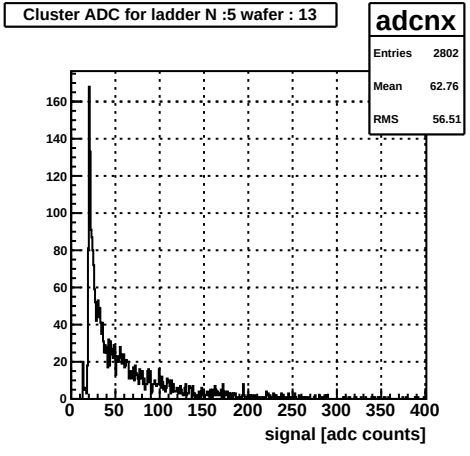

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2452
Mean 69.22
RMS 60.25
signal [adc counts]

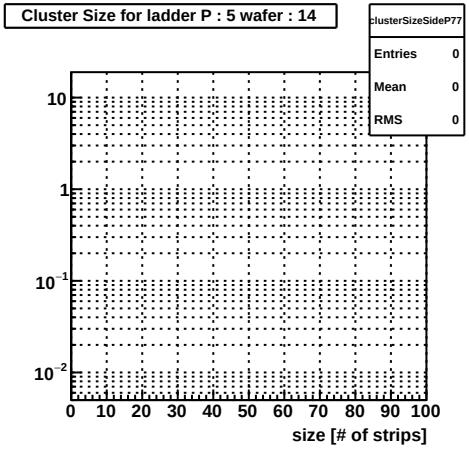

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

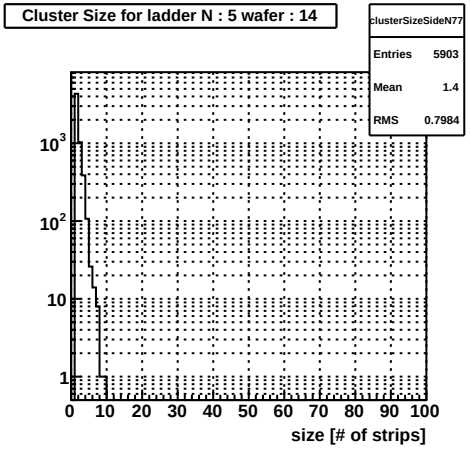

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2802
Mean 1.363
RMS 0.7023
size [# of strips]

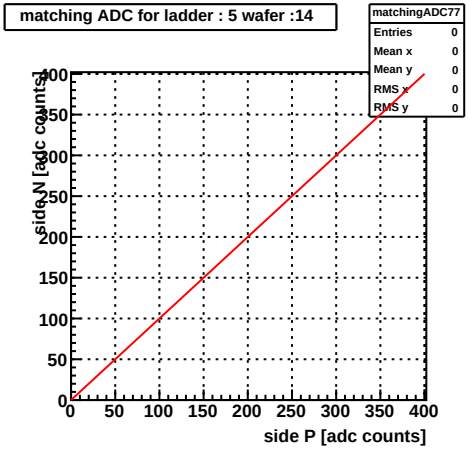

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

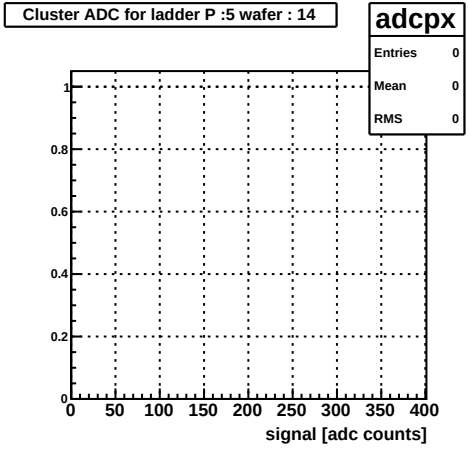

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

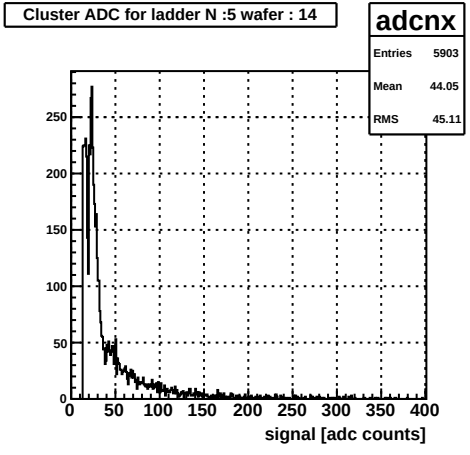

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2802
Mean 62.76
RMS 56.51
signal [adc counts]

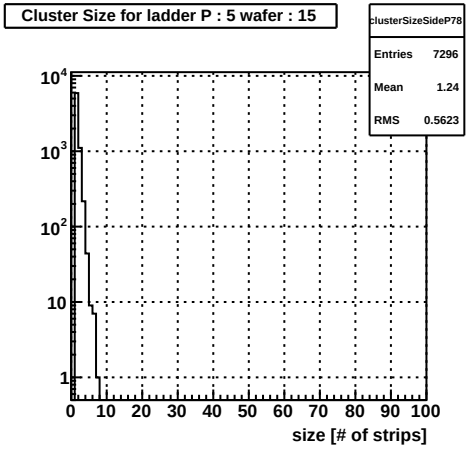

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

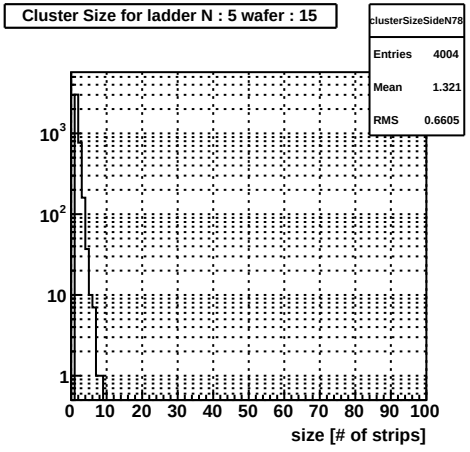

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5903
Mean 1.4
RMS 0.7984
size [# of strips]

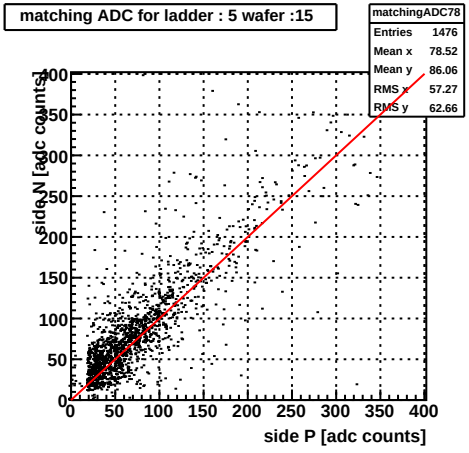

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

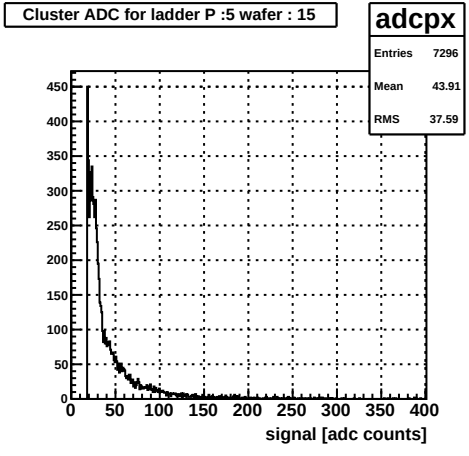

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

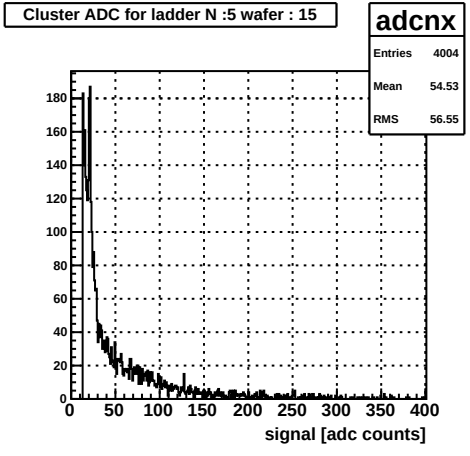

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5903
Mean 44.05
RMS 45.11
signal [adc counts]

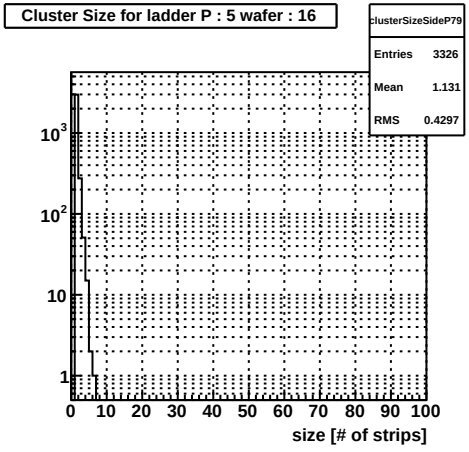

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7296
Mean 1.24
RMS 0.5623
size [# of strips]

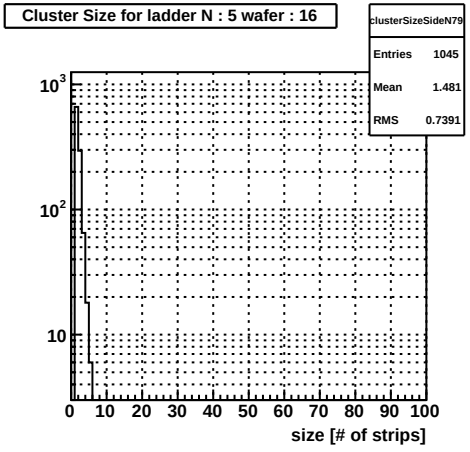

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4004
Mean 1.321
RMS 0.6605
size [# of strips]

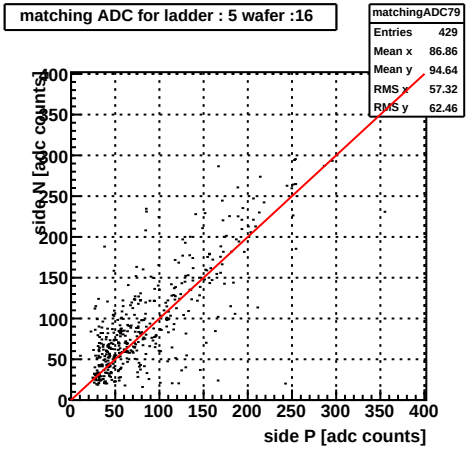

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1476
Mean x 78.52
Mean y 86.06
RMS x 57.27
RMS y 62.66
side N [adc counts]
side P [adc counts]

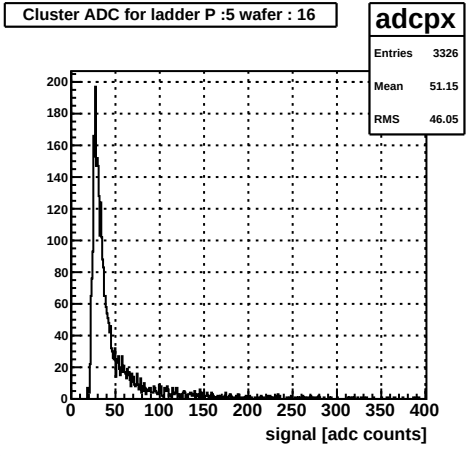

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7296
Mean 43.91
RMS 37.59
signal [adc counts]

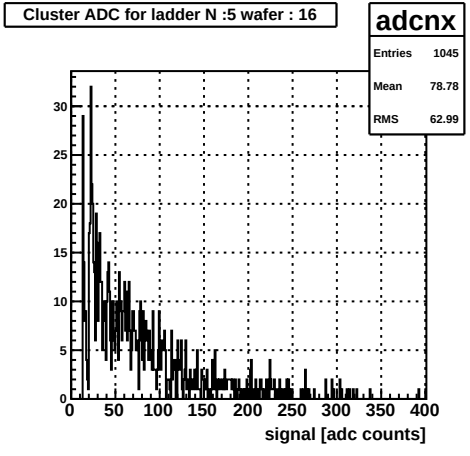

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4004
Mean 54.53
RMS 56.55
signal [adc counts]

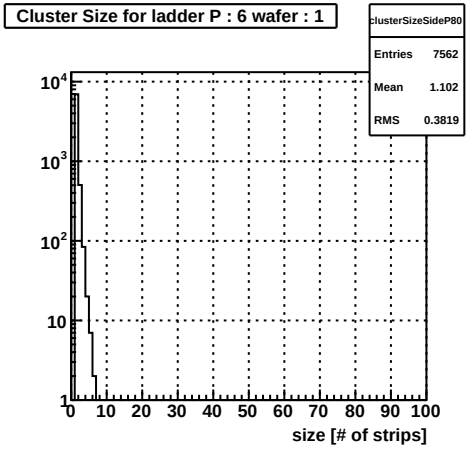

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3326
Mean 1.131
RMS 0.4297
size [# of strips]

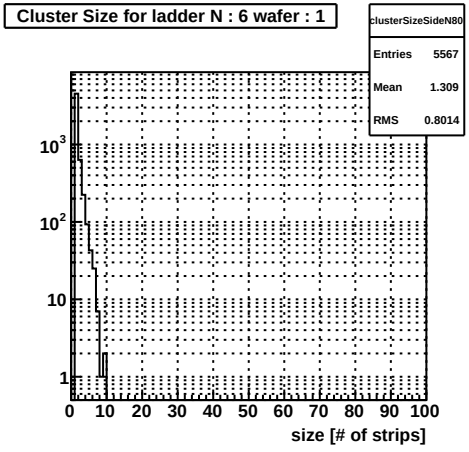

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1045
Mean 1.481
RMS 0.7391
size [# of strips]

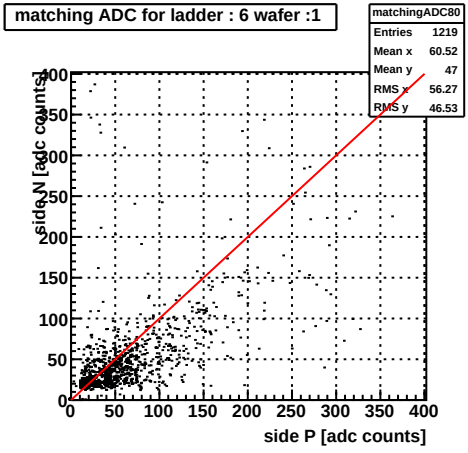

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 429
Mean x 86.86
Mean y 94.64
RMS x 57.32
RMS y 62.46
side N [adc counts]
side P [adc counts]

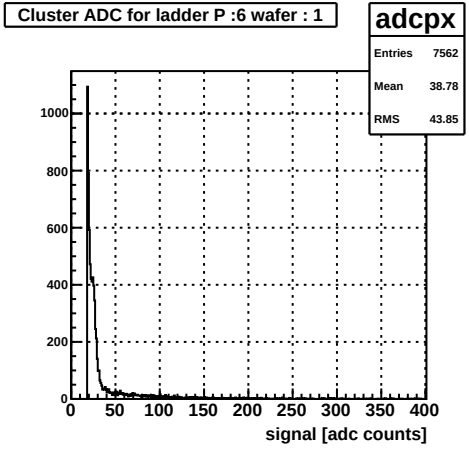

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3326
Mean 51.15
RMS 46.05
signal [adc counts]

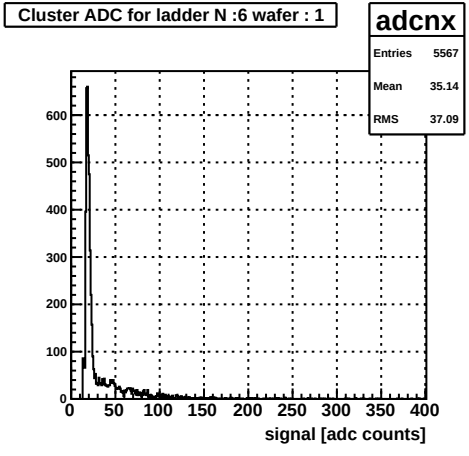

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1045
Mean 78.78
RMS 62.99
signal [adc counts]

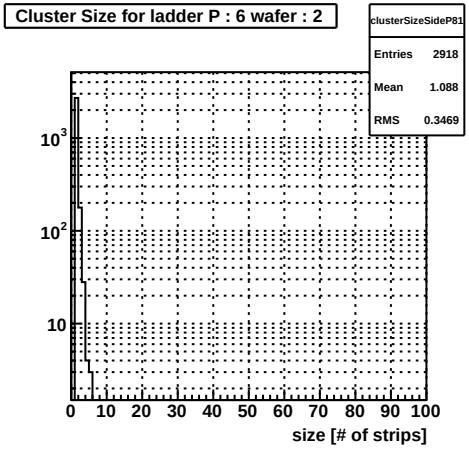

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7562
Mean 1.102
RMS 0.3819
size [# of strips]

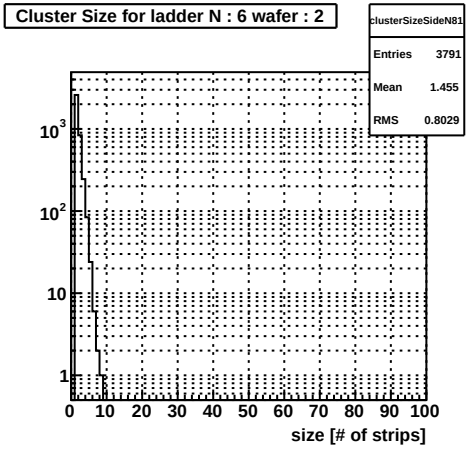

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5567
Mean 1.309
RMS 0.8014
size [# of strips]

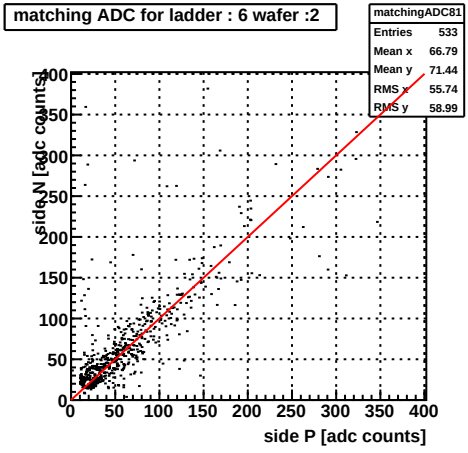

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1219
Mean x 60.52
Mean y 47
RMS x 56.27
RMS y 46.53
side N [adc counts]
side P [adc counts]

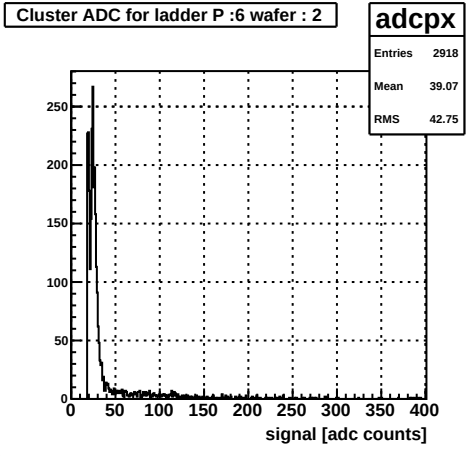

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7562
Mean 38.78
RMS 43.85
signal [adc counts]

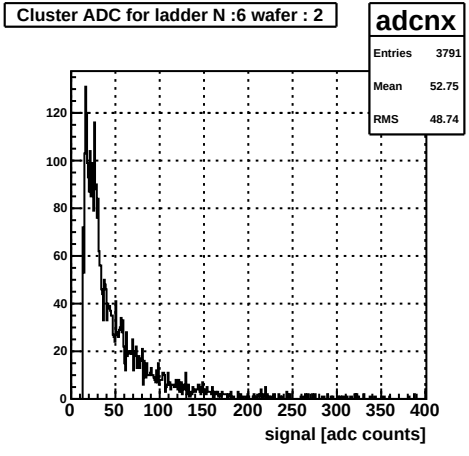

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5567
Mean 35.14
RMS 37.09
signal [adc counts]

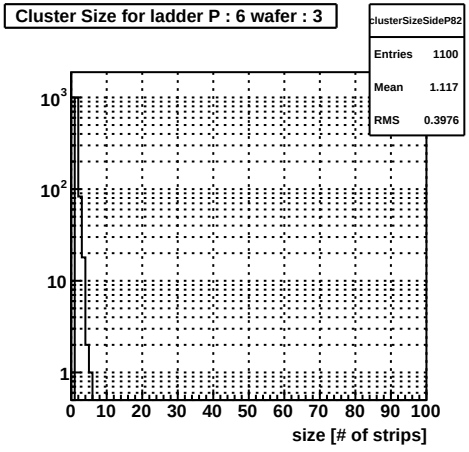

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2918
Mean 1.088
RMS 0.3469
size [# of strips]

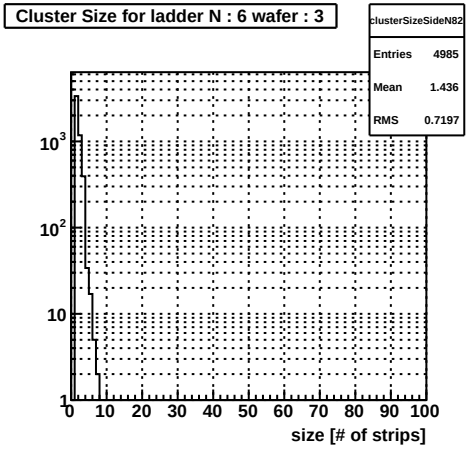

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3791
Mean 1.455
RMS 0.8029
size [# of strips]

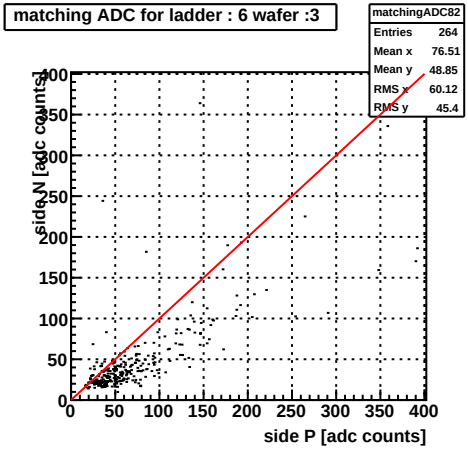

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 533
Mean x 66.79
Mean y 71.44
RMS x 55.74
RMS y 58.99
side N [adc counts]
side P [adc counts]

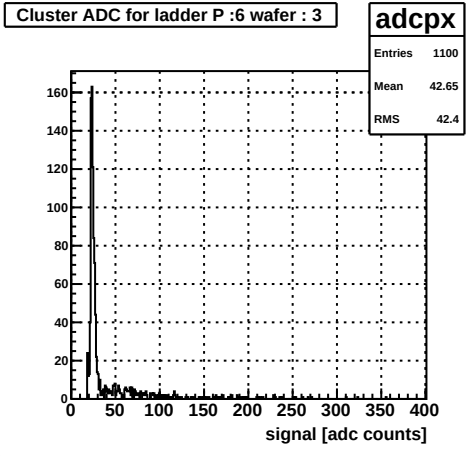

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2918
Mean 39.07
RMS 42.75
signal [adc counts]

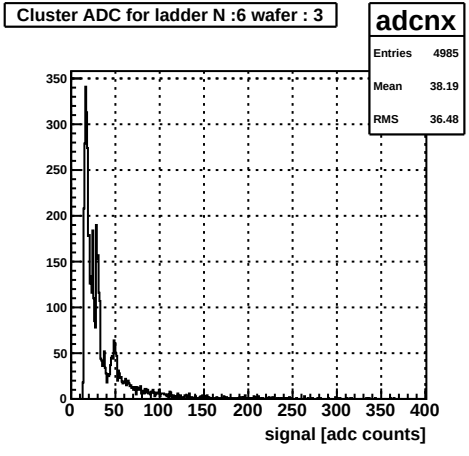

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3791
Mean 52.75
RMS 48.74
signal [adc counts]

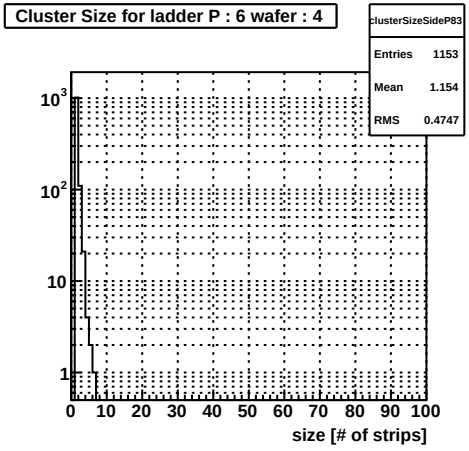

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1100
Mean 1.117
RMS 0.3976
size [# of strips]

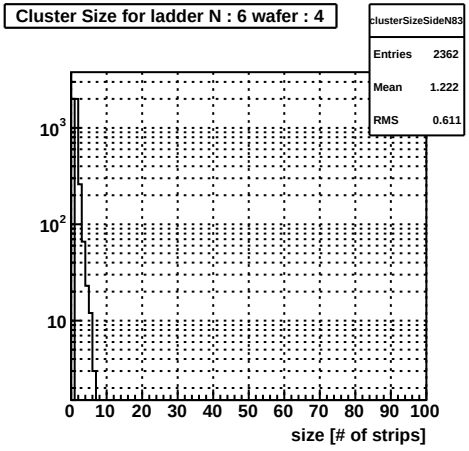

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4985
Mean 1.436
RMS 0.7197
size [# of strips]

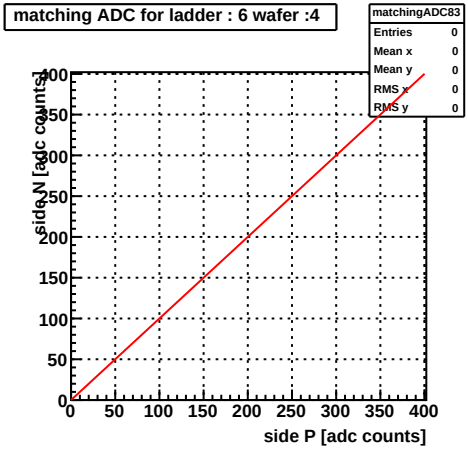

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 264
Mean x 76.51
Mean y 48.85
RMS x 60.12
RMS y 45.4
side N [adc counts]
side P [adc counts]

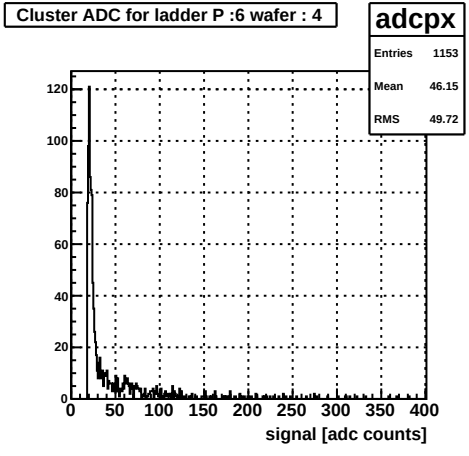

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1100
Mean 42.65
RMS 42.4
signal [adc counts]

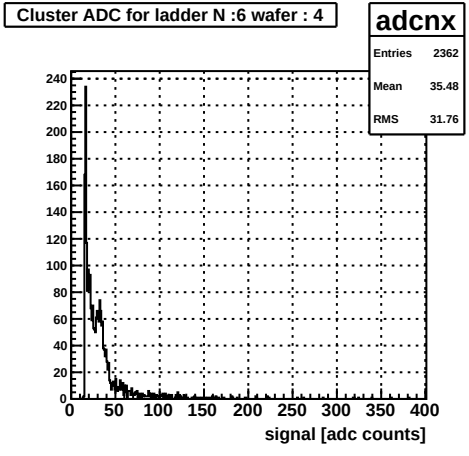

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4985
Mean 38.19
RMS 36.48
signal [adc counts]

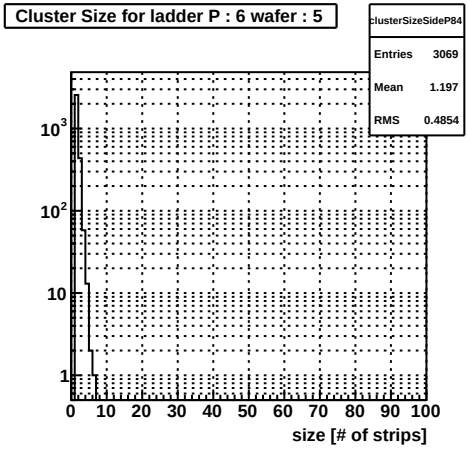

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1153
Mean 1.154
RMS 0.4747
size [# of strips]

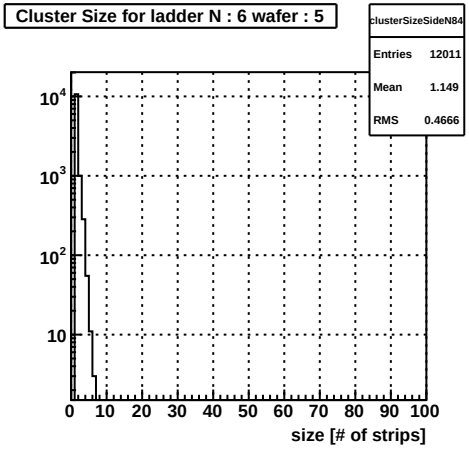

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2362
Mean 1.222
RMS 0.611
size [# of strips]

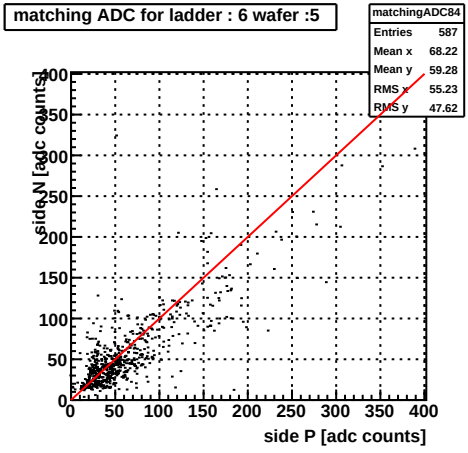

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

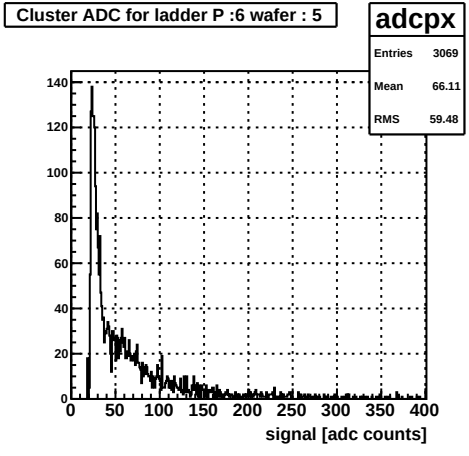

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1153
Mean 46.15
RMS 49.72
signal [adc counts]

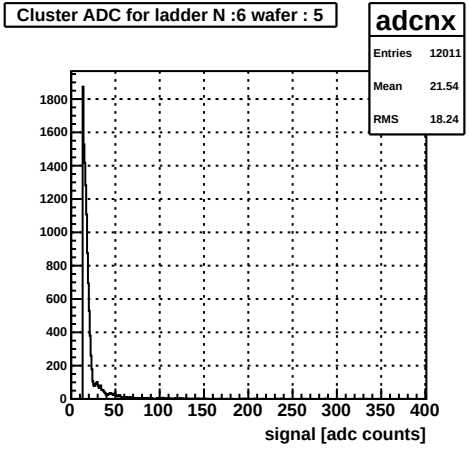

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2362
Mean 35.48
RMS 31.76
signal [adc counts]

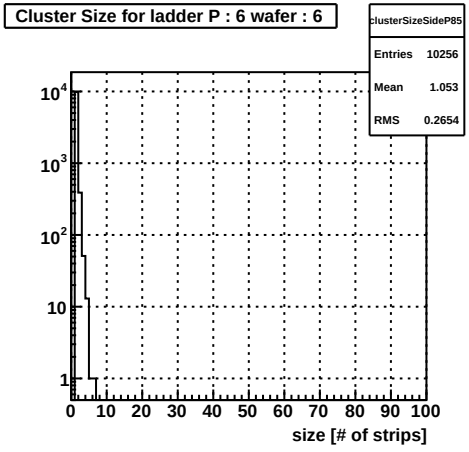

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3069
Mean 1.197
RMS 0.4854
size [# of strips]

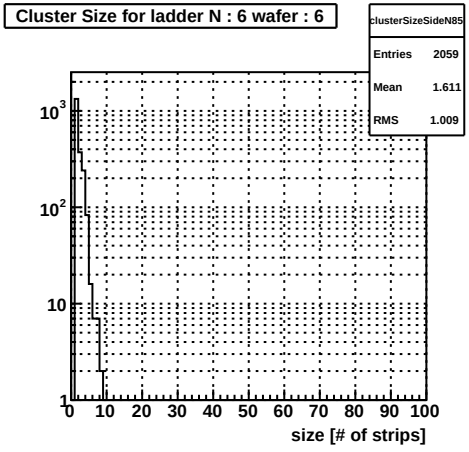

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 12011
Mean 1.149
RMS 0.4666
size [# of strips]

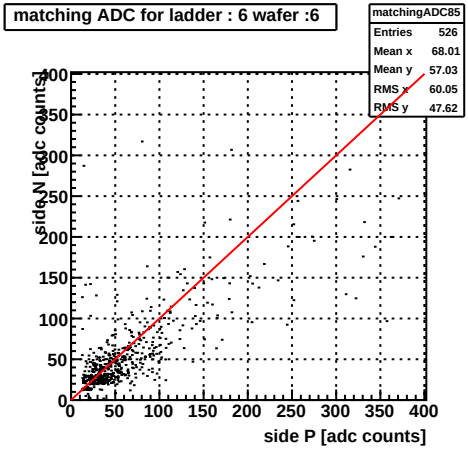

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 587
Mean x 68.22
Mean y 59.28
RMS x 55.23
RMS y 47.62
side N [adc counts]
side P [adc counts]

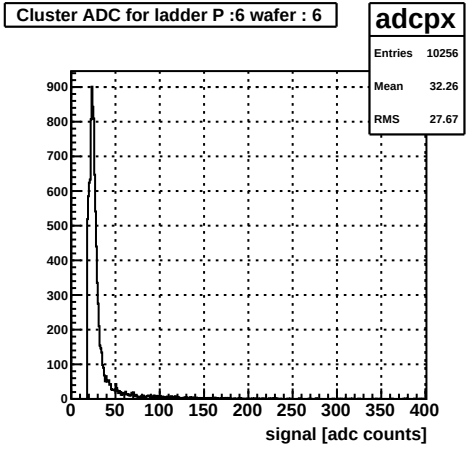

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3069
Mean 66.11
RMS 59.48
signal [adc counts]

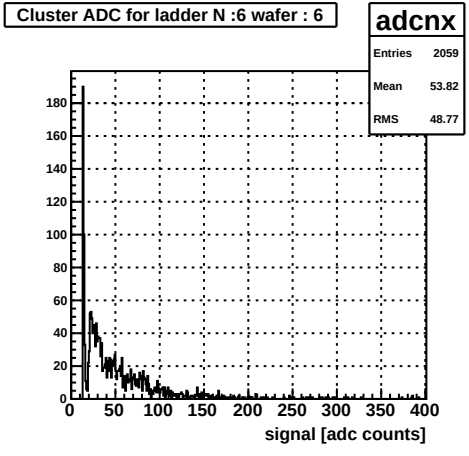

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 12011
Mean 21.54
RMS 18.24
signal [adc counts]

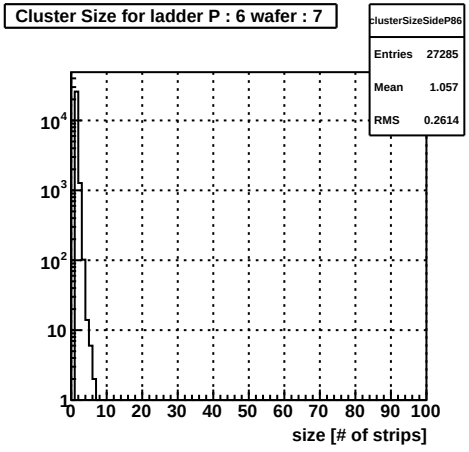

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10256
Mean 1.053
RMS 0.2654
size [# of strips]

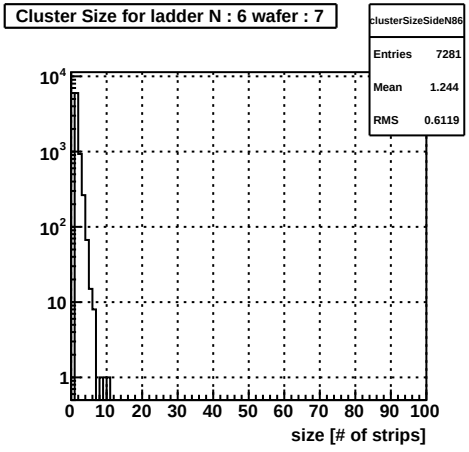

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2059
Mean 1.611
RMS 1.009
size [# of strips]

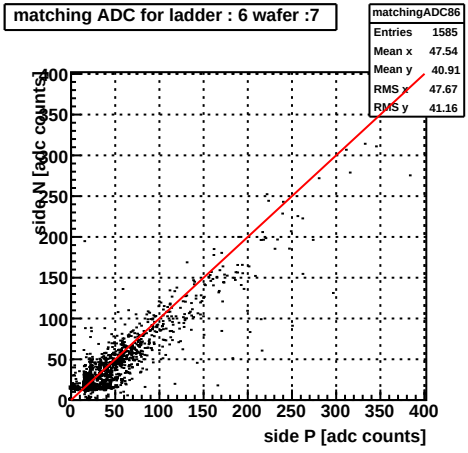

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 526
Mean x 68.01
Mean y 57.03
RMS x 60.05
RMS y 47.62
side N [adc counts]
side P [adc counts]

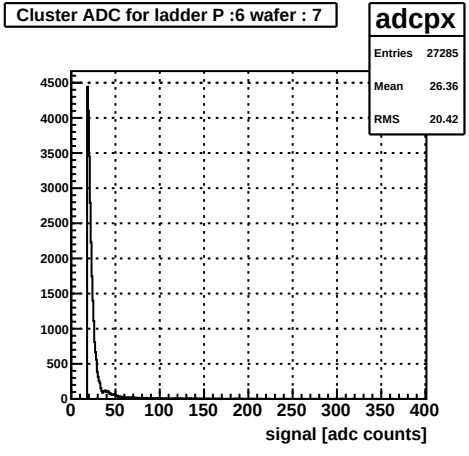

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10256
Mean 32.26
RMS 27.67
signal [adc counts]

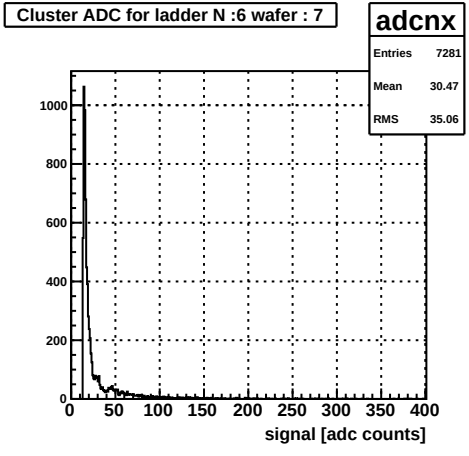

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2059
Mean 53.82
RMS 48.77
signal [adc counts]

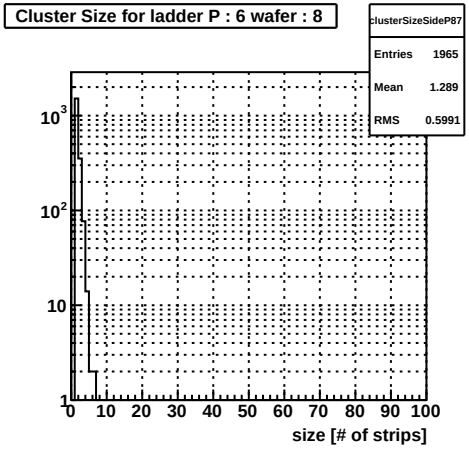

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 27285
Mean 1.057
RMS 0.2614
size [# of strips]

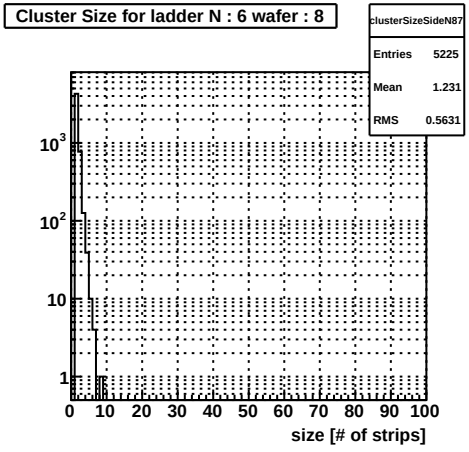

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7281
Mean 1.244
RMS 0.6119
size [# of strips]

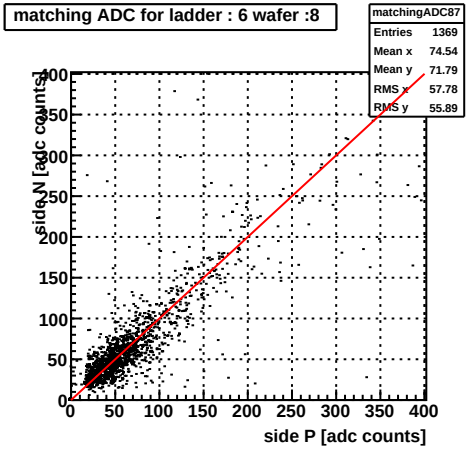

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1585
Mean x 47.54
Mean y 40.91
RMS x 47.67
RMS y 41.16
side N [adc counts]
side P [adc counts]

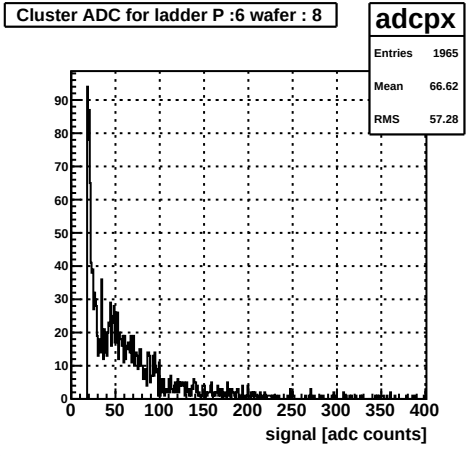

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 27285
Mean 26.36
RMS 20.42
signal [adc counts]

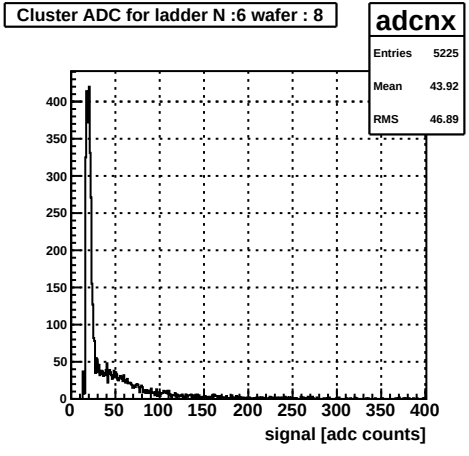

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7281
Mean 30.47
RMS 35.06
signal [adc counts]

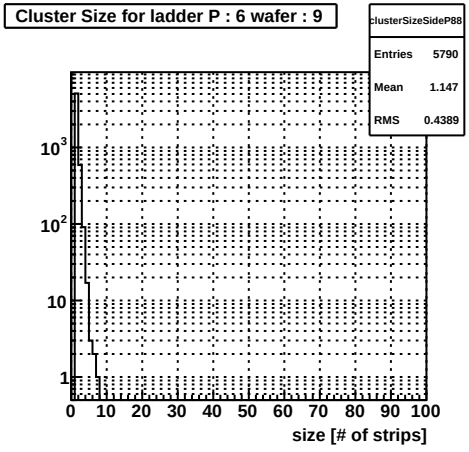

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1965
Mean 1.289
RMS 0.5991
size [# of strips]

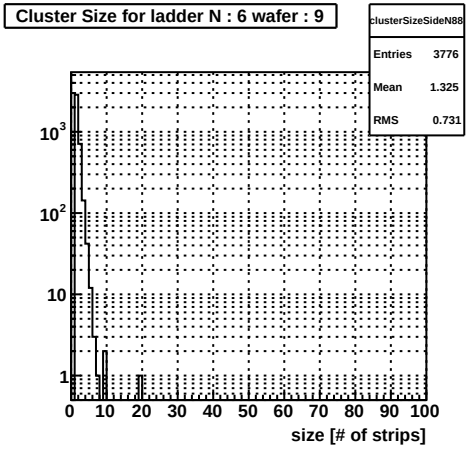

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 5225
Mean 1.231
RMS 0.5631
size [# of strips]

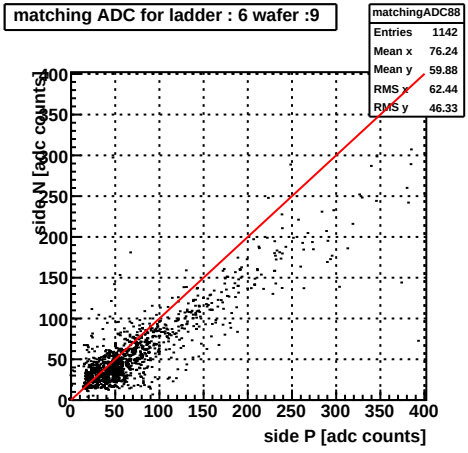

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1369
Mean x 74.54
Mean y 71.79
RMS x 57.78
RMS y 55.89
side N [adc counts]
side P [adc counts]

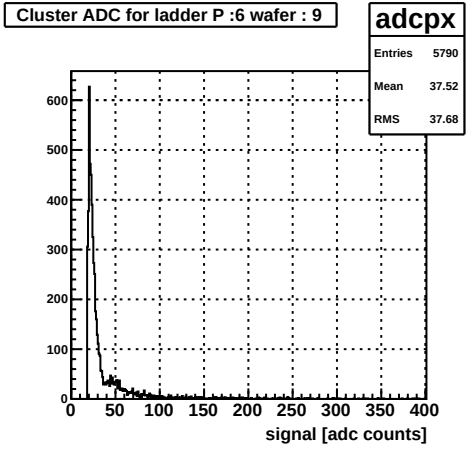

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1965
Mean 66.62
RMS 57.28
signal [adc counts]

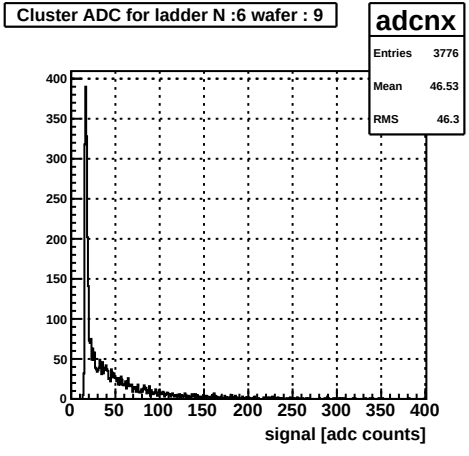

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 5225
Mean 43.92
RMS 46.89
signal [adc counts]

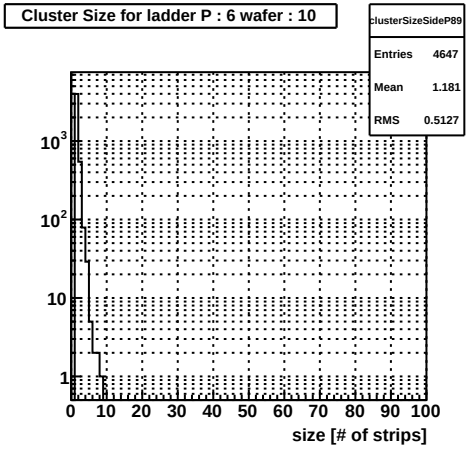

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5790
Mean 1.147
RMS 0.4389
size [# of strips]

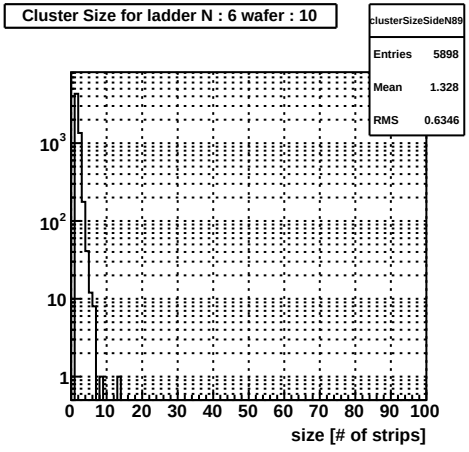

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3776
Mean 1.325
RMS 0.731
size [# of strips]

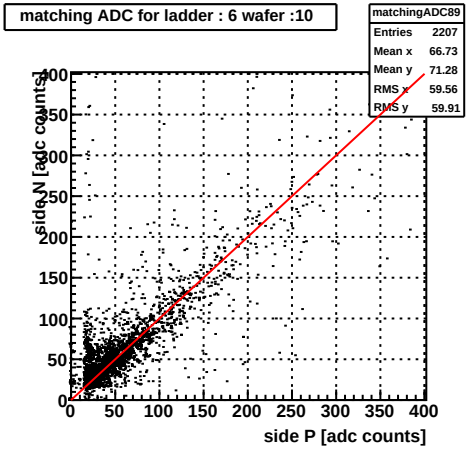

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1142
Mean x 76.24
Mean y 59.88
RMS x 62.44
RMS y 46.33
side N [adc counts]
side P [adc counts]

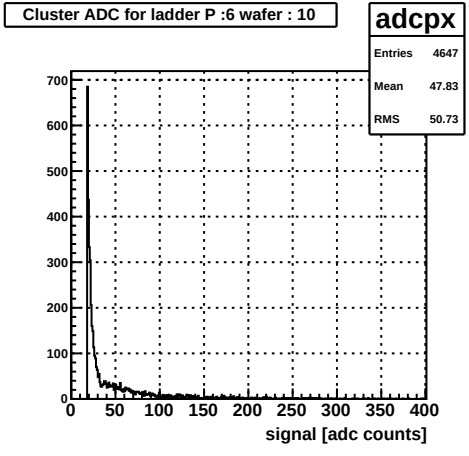

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5790
Mean 37.52
RMS 37.68
signal [adc counts]

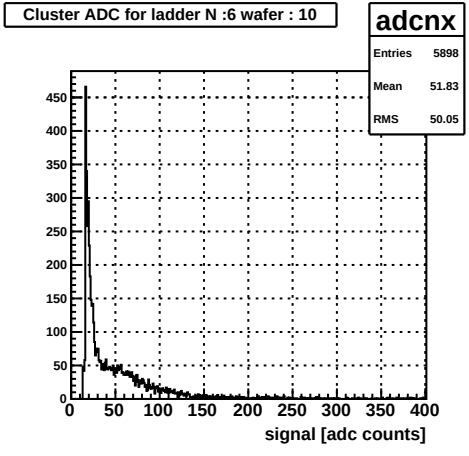

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3776
Mean 46.53
RMS 46.3
signal [adc counts]

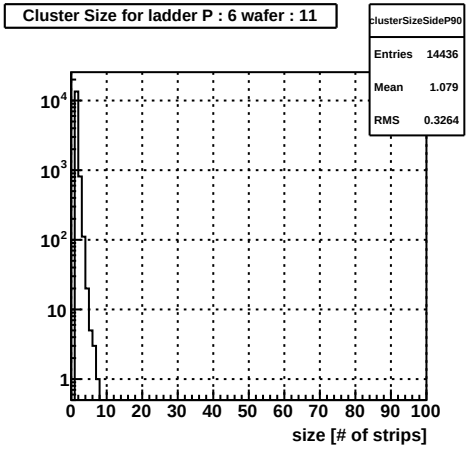

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4647
Mean 1.181
RMS 0.5127
size [# of strips]

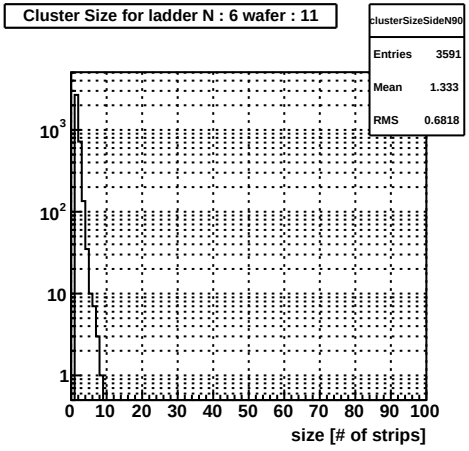

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5898
Mean 1.328
RMS 0.6346
size [# of strips]

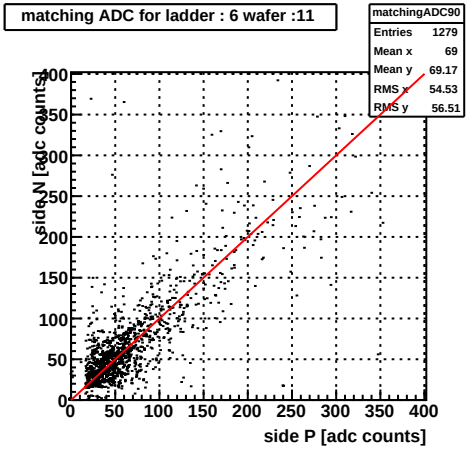

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2207
Mean x 66.73
Mean y 71.28
RMS x 59.56
RMS y 59.91
side N [adc counts]
side P [adc counts]

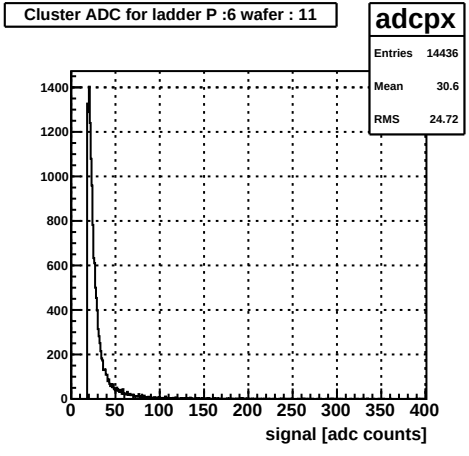

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4647
Mean 47.83
RMS 50.73
signal [adc counts]

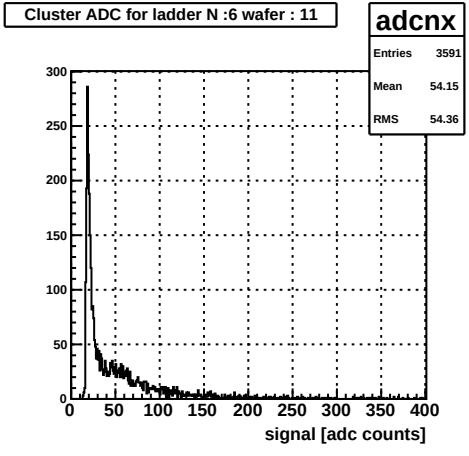

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5898
Mean 51.83
RMS 50.05
signal [adc counts]

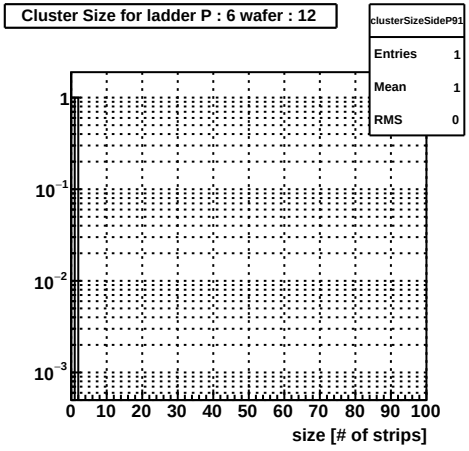

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14436
Mean 1.079
RMS 0.3264
size [# of strips]

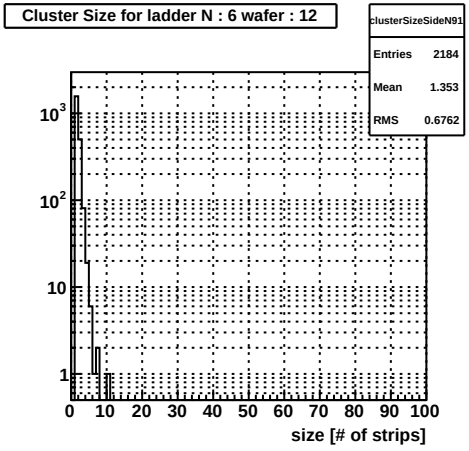

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3591
Mean 1.333
RMS 0.6818
size [# of strips]

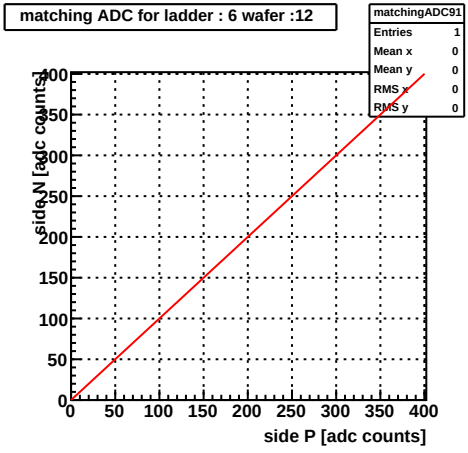

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1279
Mean x 69
Mean y 69.17
RMS x 54.53
RMS y 56.51
side N [adc counts]
side P [adc counts]

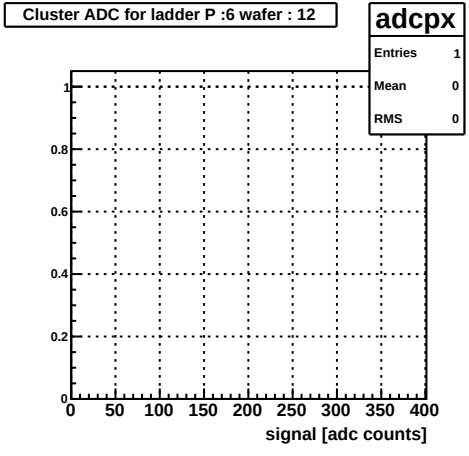

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14436
Mean 30.6
RMS 24.72
signal [adc counts]

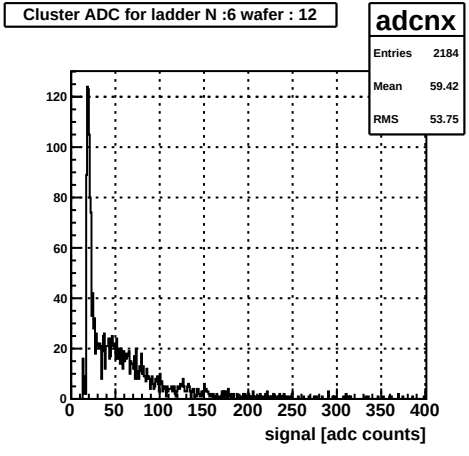

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3591
Mean 54.15
RMS 54.36
signal [adc counts]

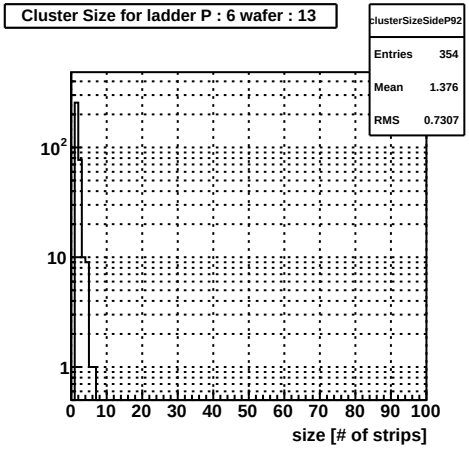

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

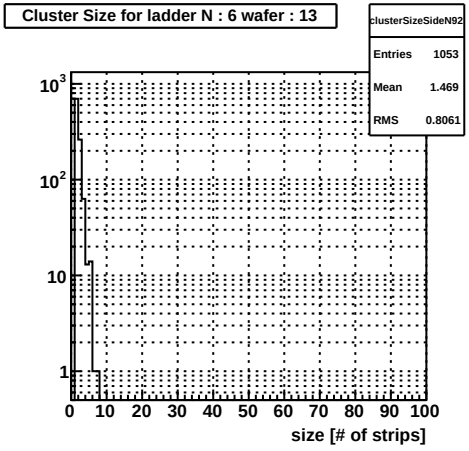

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2184
Mean 1.353
RMS 0.6762
size [# of strips]

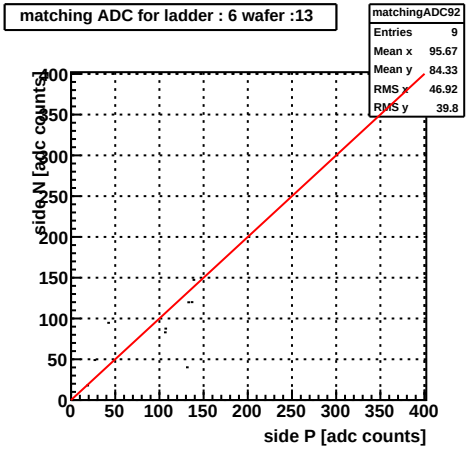

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

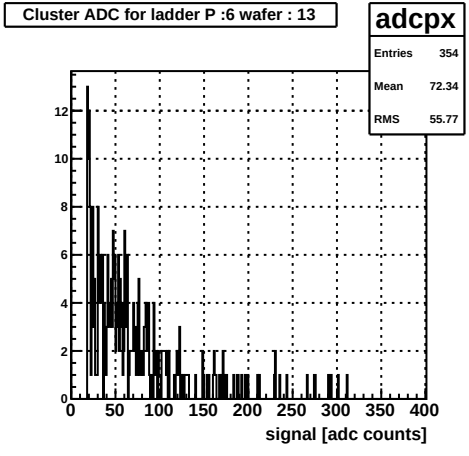

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

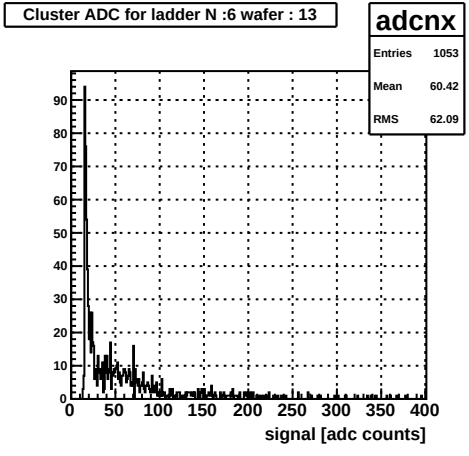

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2184
Mean 59.42
RMS 53.75
signal [adc counts]

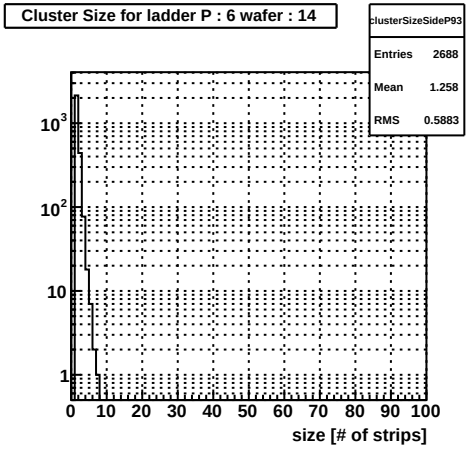

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 354
Mean 1.376
RMS 0.7307
size [# of strips]

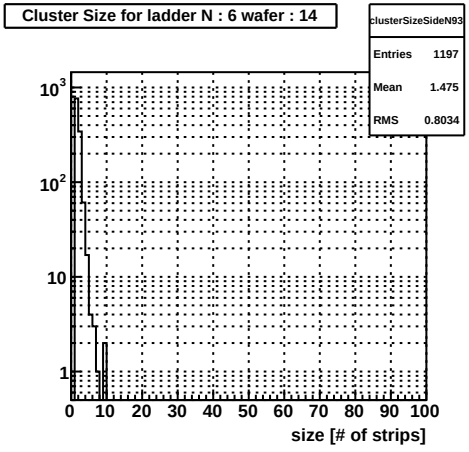

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1053
Mean 1.469
RMS 0.8061
size [# of strips]

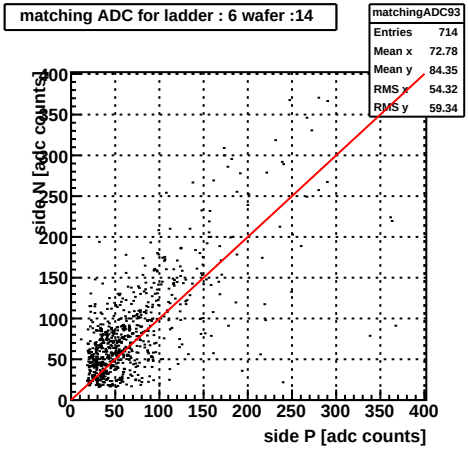

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 9
Mean x 95.67
Mean y 84.33
RMS x 46.92
RMS y 39.8
side N [adc counts]
side P [adc counts]

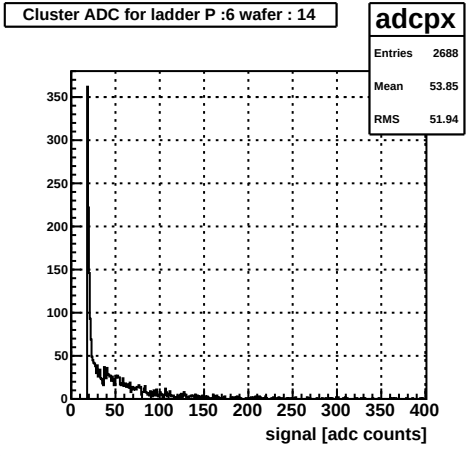

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 354
Mean 72.34
RMS 55.77
signal [adc counts]

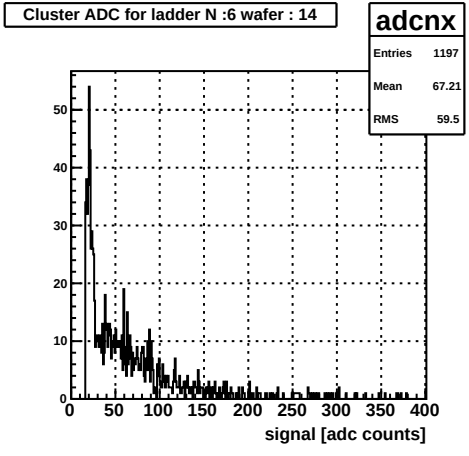

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1053
Mean 60.42
RMS 62.09
signal [adc counts]

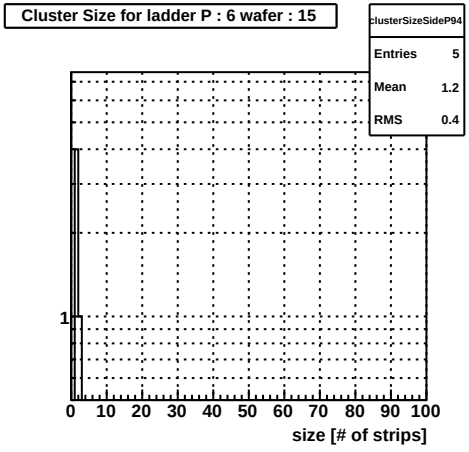

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2688
Mean 1.258
RMS 0.5883
size [# of strips]

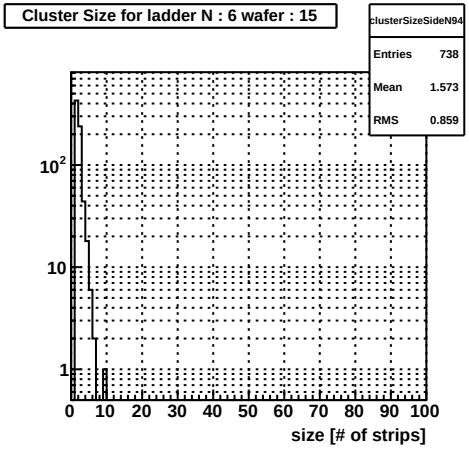

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1197
Mean 1.475
RMS 0.8034
size [# of strips]

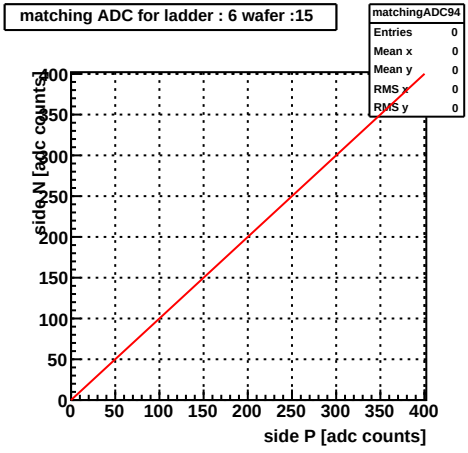

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 714
Mean x 72.78
Mean y 84.35
RMS x 54.32
RMS y 59.34
side N [adc counts]
side P [adc counts]

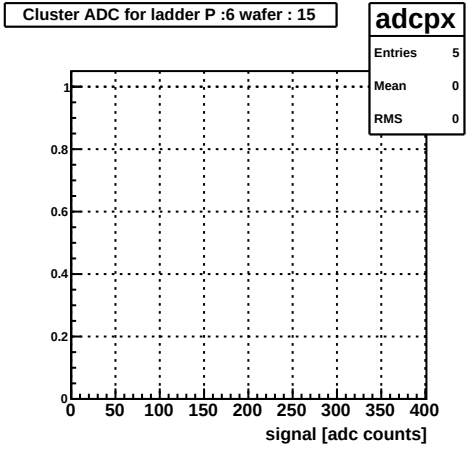

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2688
Mean 53.85
RMS 51.94
signal [adc counts]

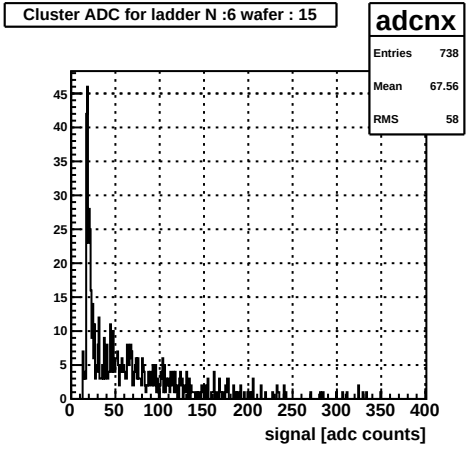

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1197
Mean 67.21
RMS 59.5
signal [adc counts]

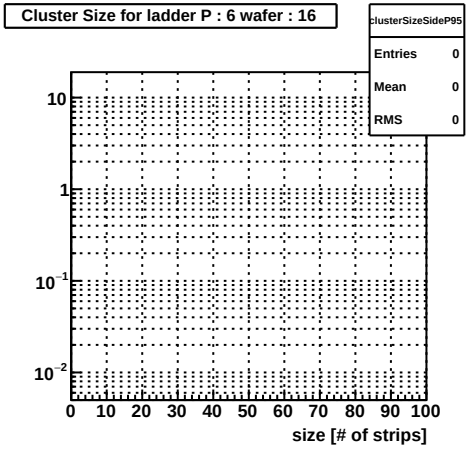

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

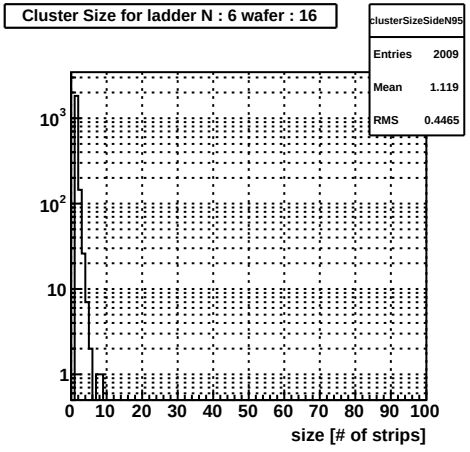

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 738
Mean 1.573
RMS 0.859
size [# of strips]

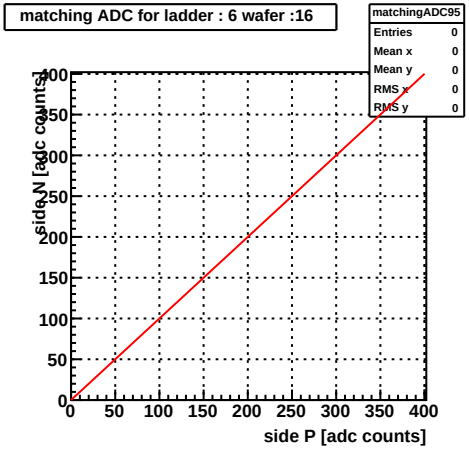

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

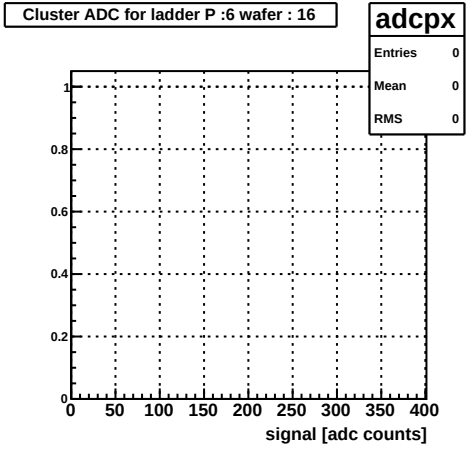

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

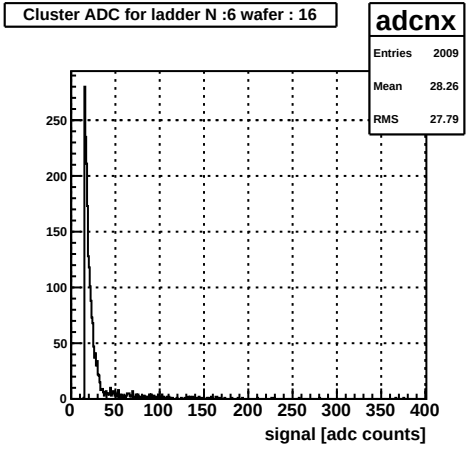

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 738
Mean 67.56
RMS 58
signal [adc counts]

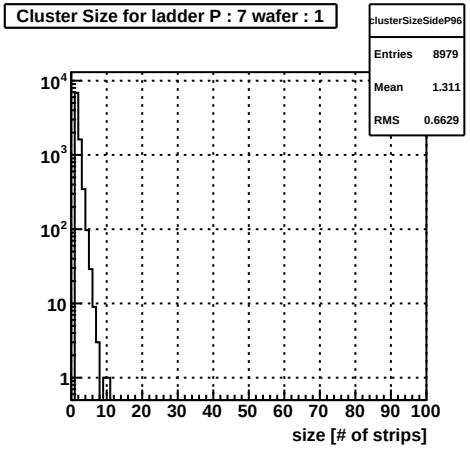

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

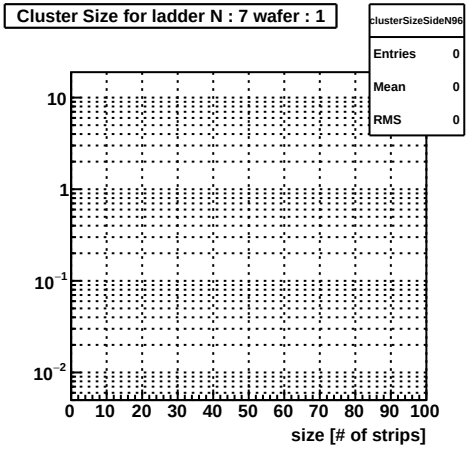

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2009
Mean 1.119
RMS 0.4465
size [# of strips]

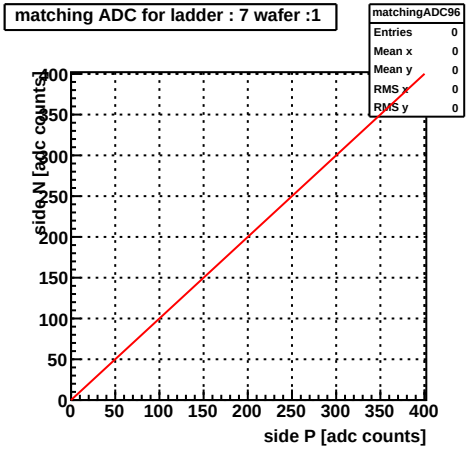

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

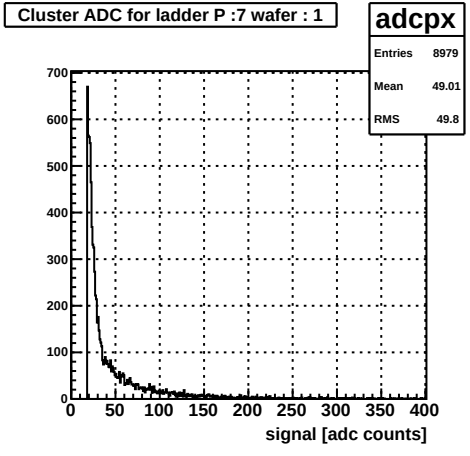

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

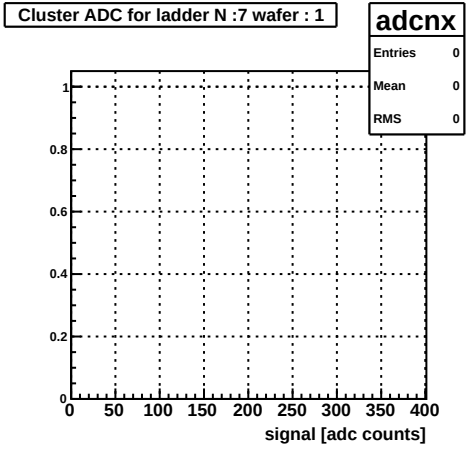

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2009
Mean 28.26
RMS 27.79
signal [adc counts]

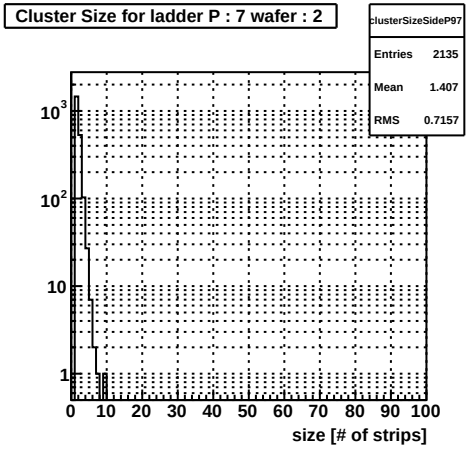

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8979
Mean 1.311
RMS 0.6629
size [# of strips]

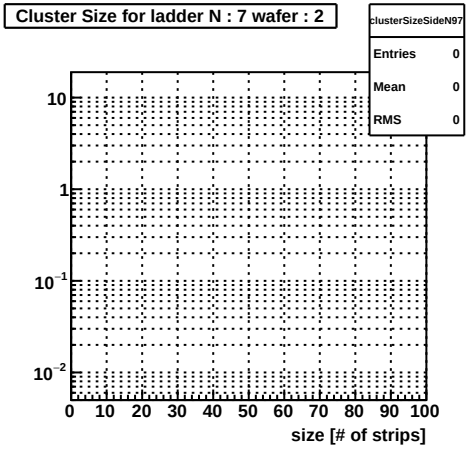

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

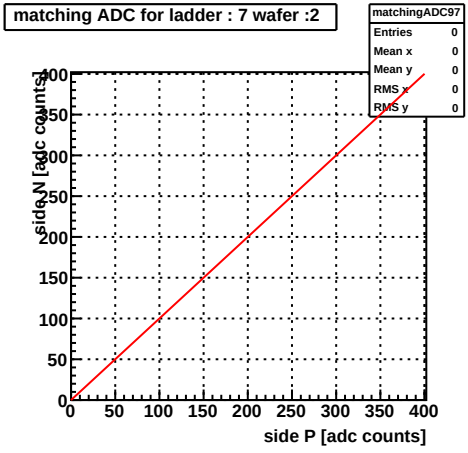

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

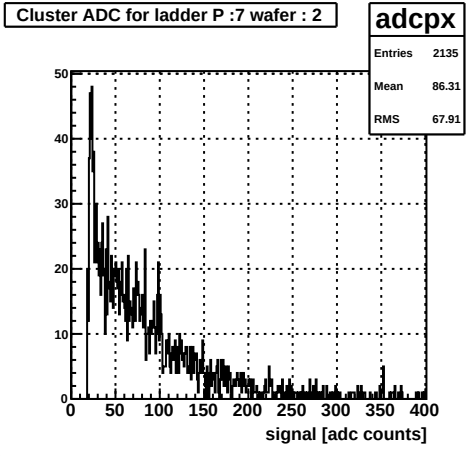

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8979
Mean 49.01
RMS 49.8
signal [adc counts]

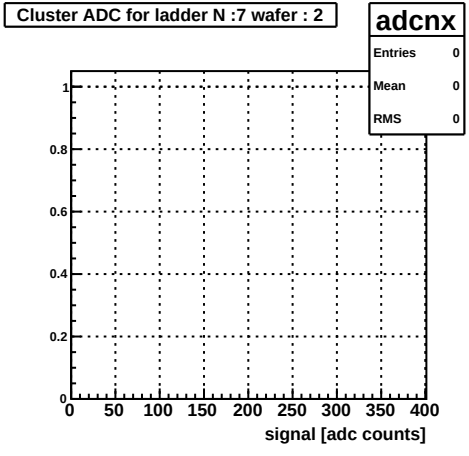

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

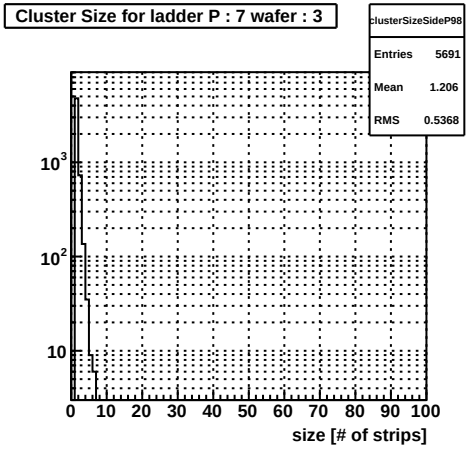

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2135
Mean 1.407
RMS 0.7157
size [# of strips]

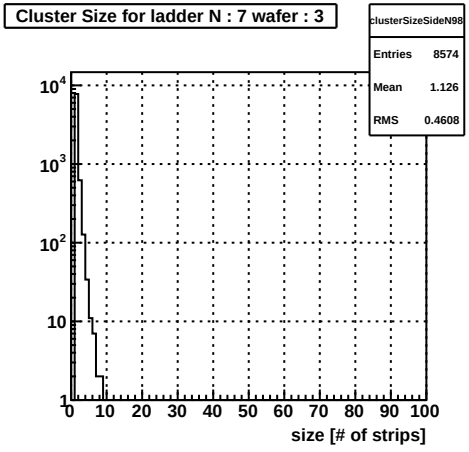

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

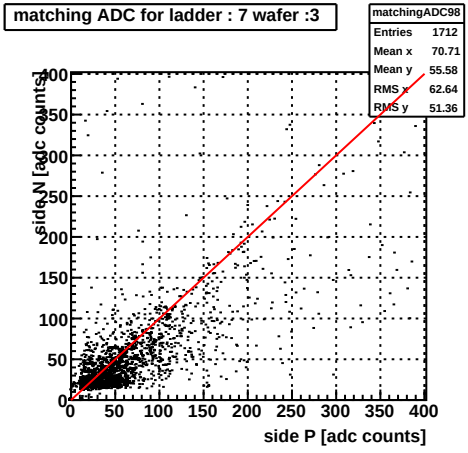

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

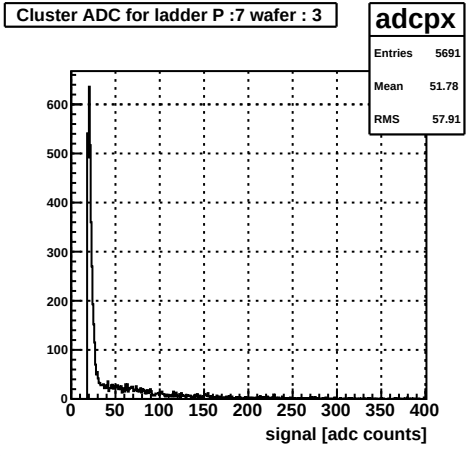

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2135
Mean 86.31
RMS 67.91
signal [adc counts]

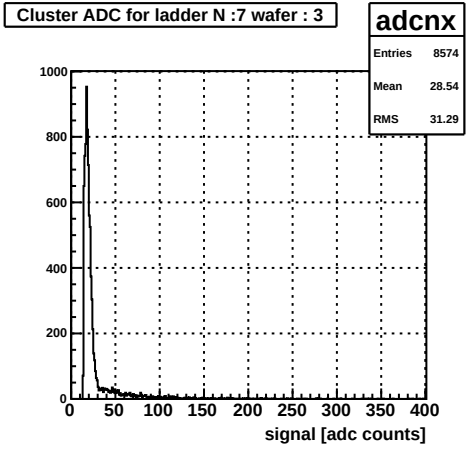

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

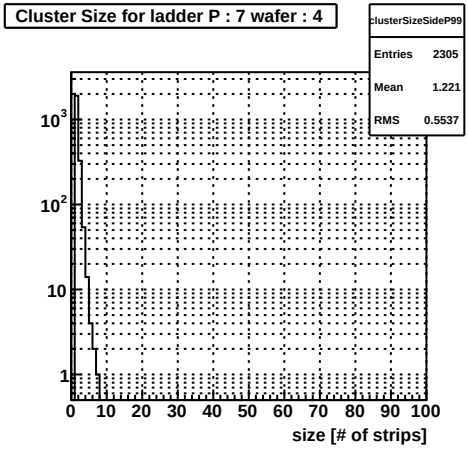

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5691
Mean 1.206
RMS 0.5368
size [# of strips]

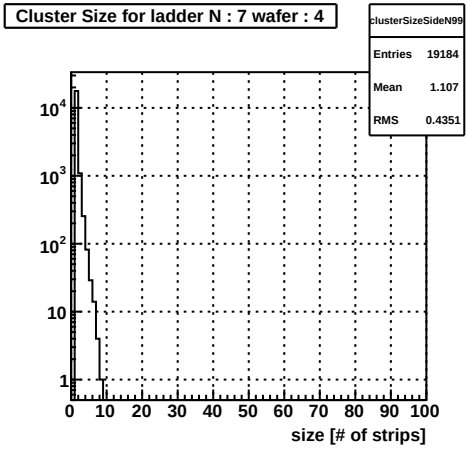

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8574
Mean 1.126
RMS 0.4608
size [# of strips]

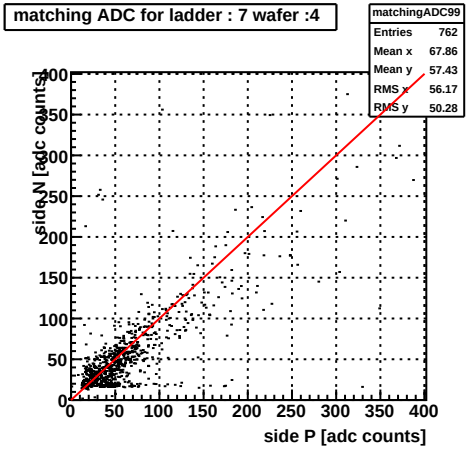

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1712
Mean x 70.71
Mean y 55.58
RMS x 62.64
RMS y 51.36
side N [adc counts]
side P [adc counts]

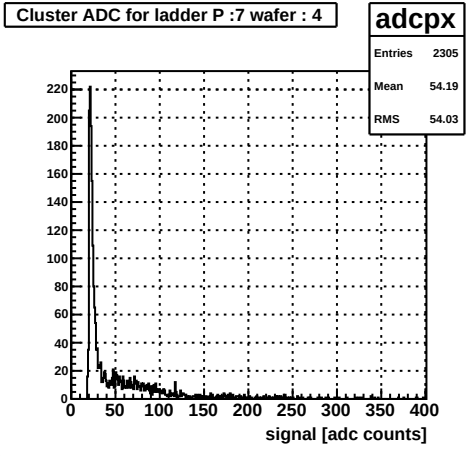

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5691
Mean 51.78
RMS 57.91
signal [adc counts]

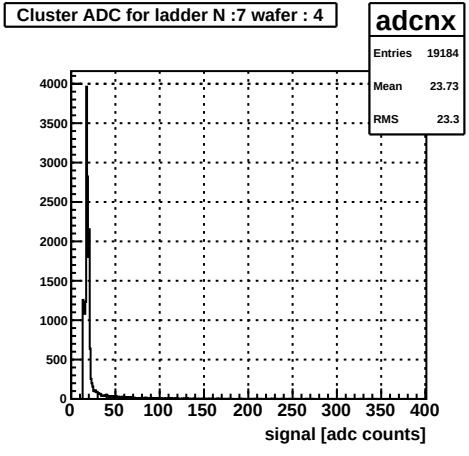

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8574
Mean 28.54
RMS 31.29
signal [adc counts]

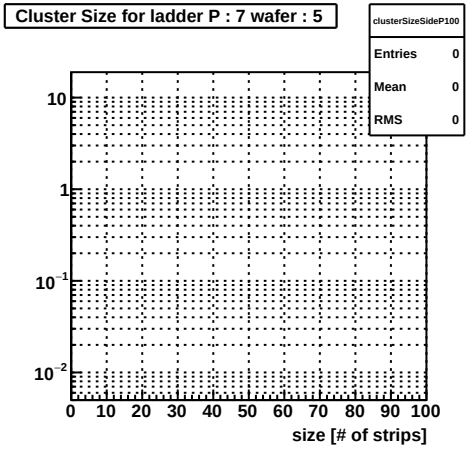

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2305
Mean 1.221
RMS 0.5537
size [# of strips]

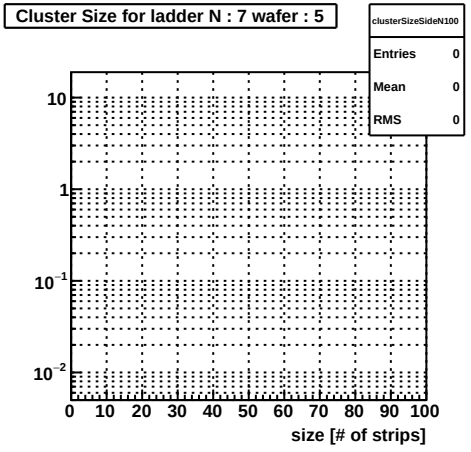

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 19184
Mean 1.107
RMS 0.4351
size [# of strips]

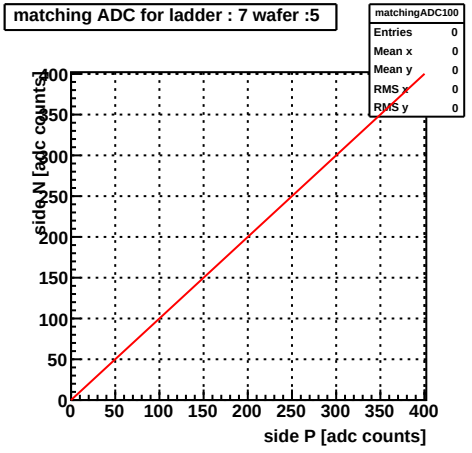

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 762
Mean x 67.86
Mean y 57.43
RMS x 56.17
RMS y 50.28
side N [adc counts]
side P [adc counts]

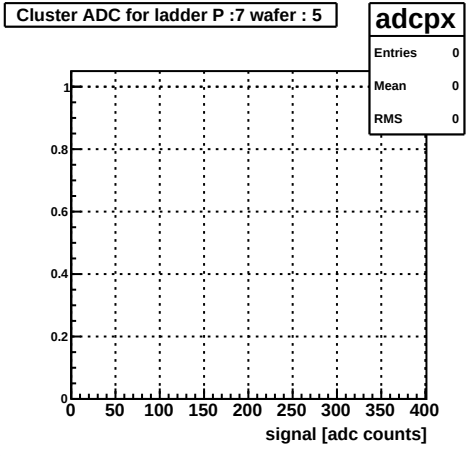

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2305
Mean 54.19
RMS 54.03
signal [adc counts]

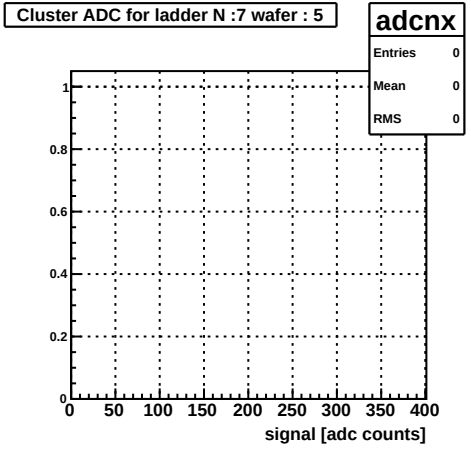

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 19184
Mean 23.73
RMS 23.3
signal [adc counts]

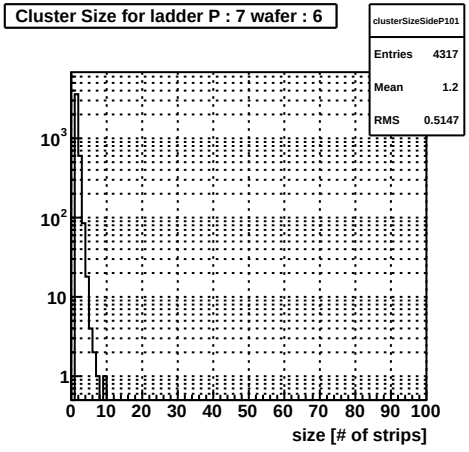

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 0
Mean 0
RMS 0
size [# of strips]

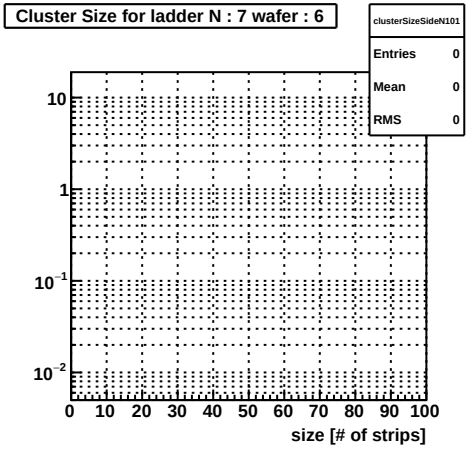

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

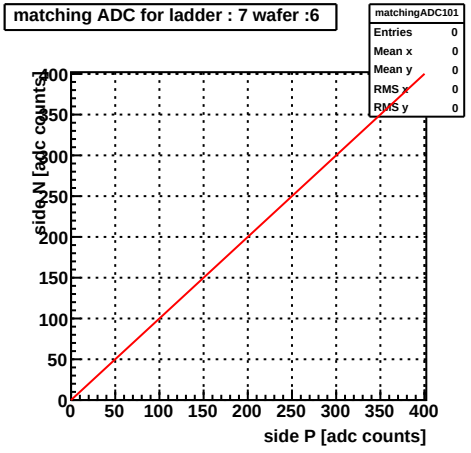

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

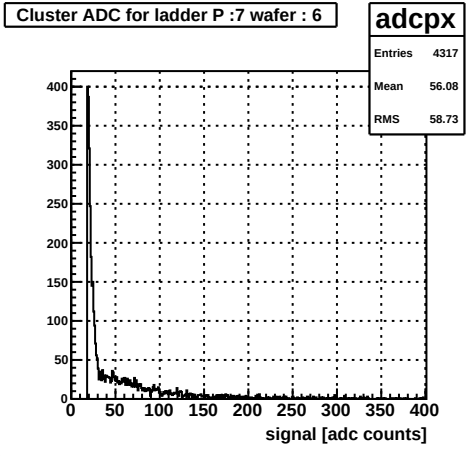

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

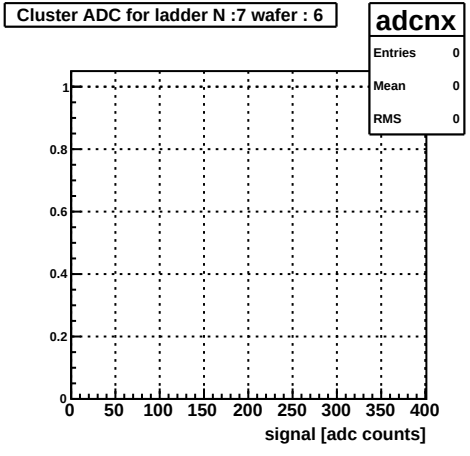

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

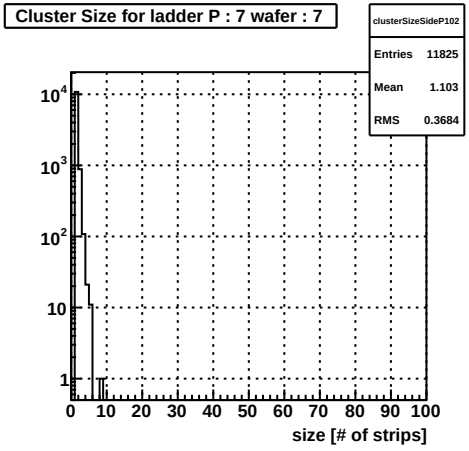

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4317
Mean 1.2
RMS 0.5147
size [# of strips]

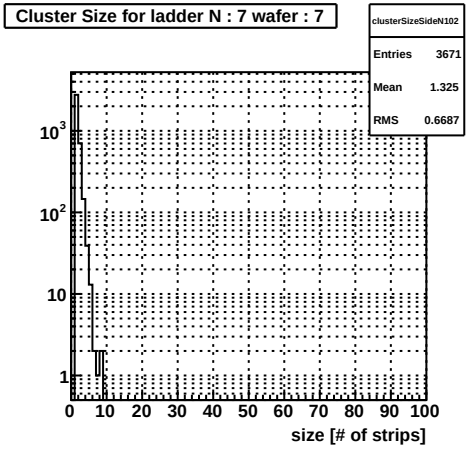

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

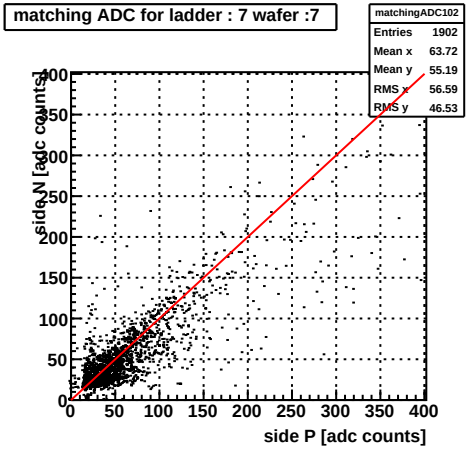

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

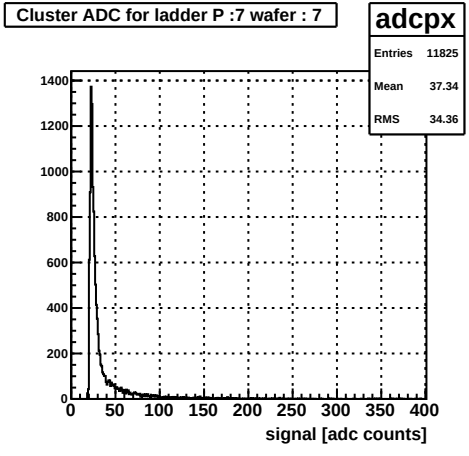

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4317
Mean 56.08
RMS 58.73
signal [adc counts]

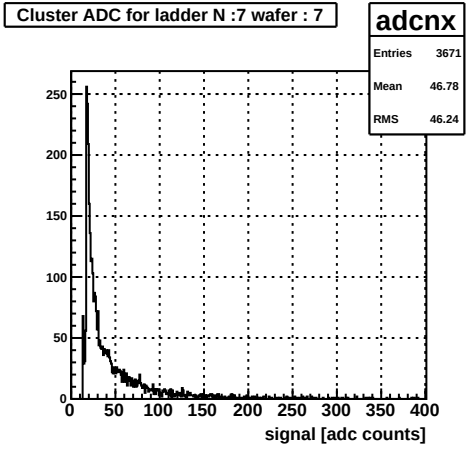

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

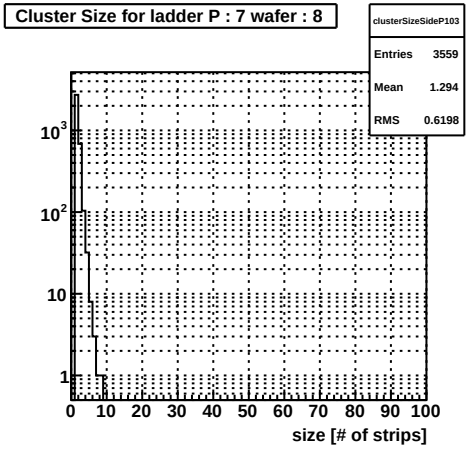

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 11825
Mean 1.103
RMS 0.3684
size [# of strips]

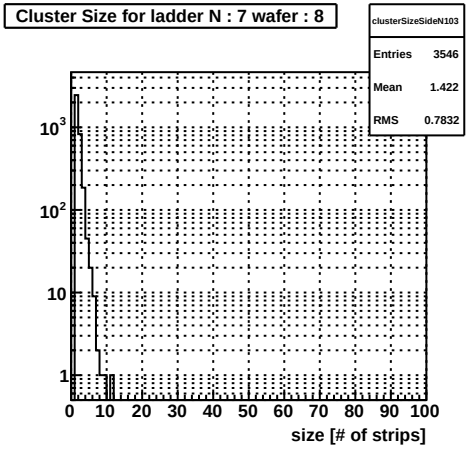

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3671
Mean 1.325
RMS 0.6687
size [# of strips]

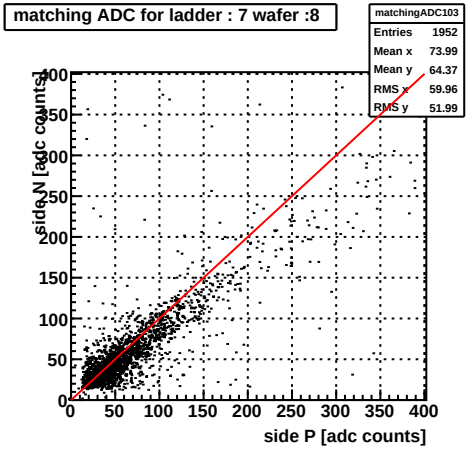

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1902
Mean x 63.72
Mean y 55.19
RMS x 56.59
RMS y 46.53
side N [adc counts]
side P [adc counts]

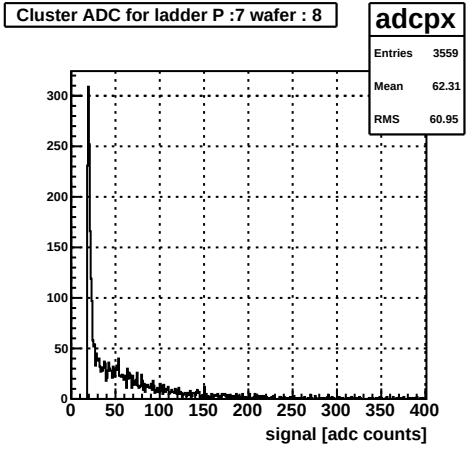

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 11825
Mean 37.34
RMS 34.36
signal [adc counts]

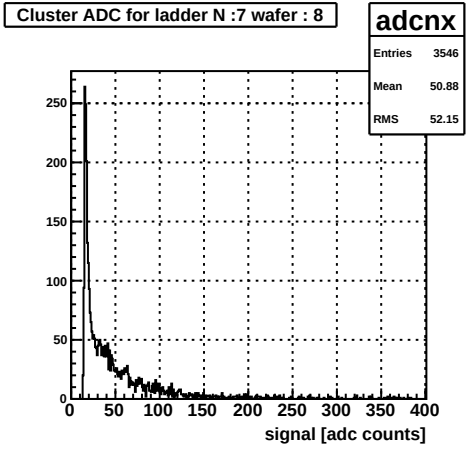

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3671
Mean 46.78
RMS 46.24
signal [adc counts]

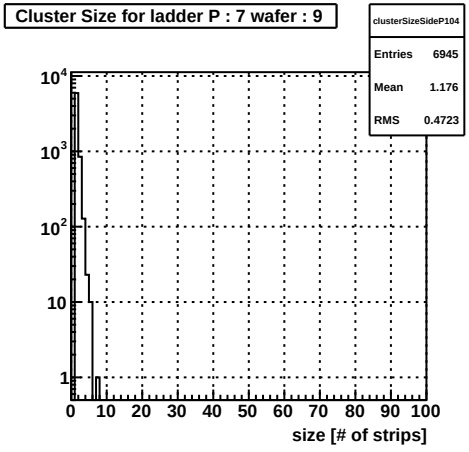

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3559
Mean 1.294
RMS 0.6198
size [# of strips]

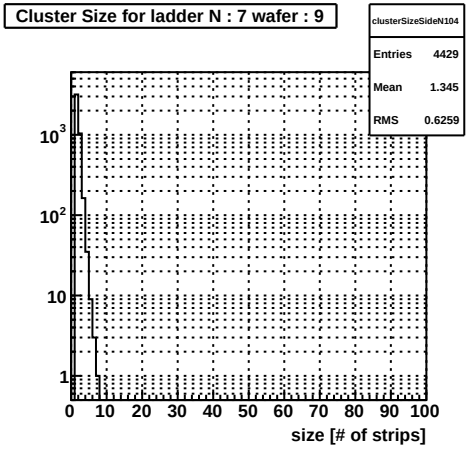

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3546
Mean 1.422
RMS 0.7832
size [# of strips]

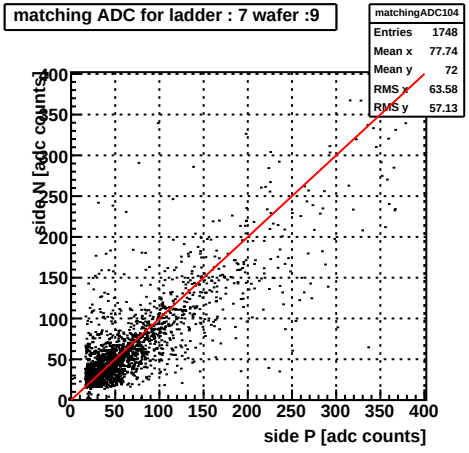

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1952
Mean x 73.99
Mean y 64.37
RMS x 59.96
RMS y 51.99
side N [adc counts]
side P [adc counts]

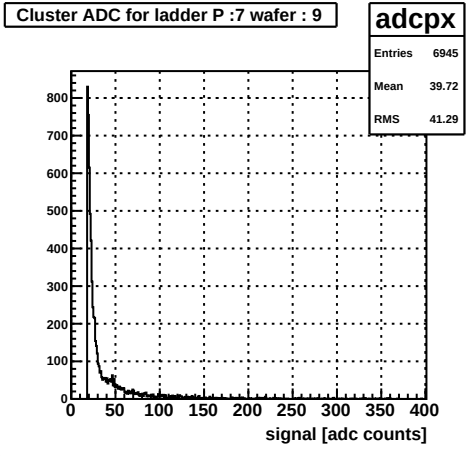

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3559
Mean 62.31
RMS 60.95
signal [adc counts]

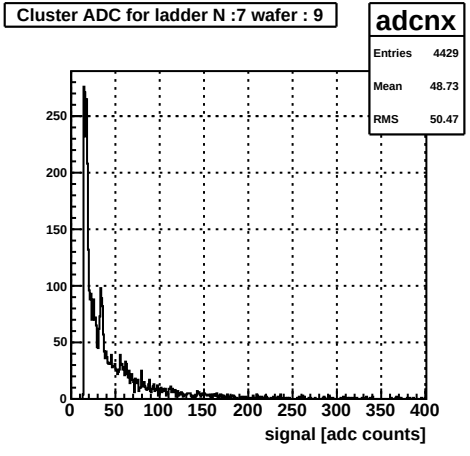

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3546
Mean 50.88
RMS 52.15
signal [adc counts]

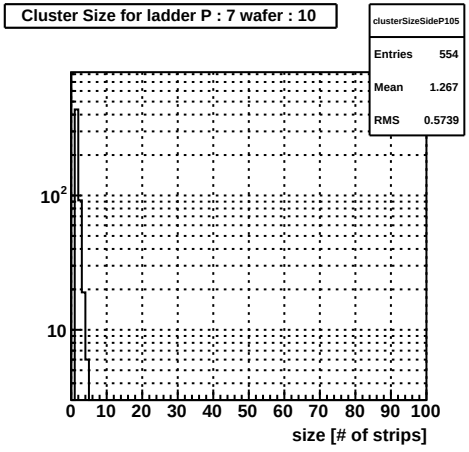

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6945
Mean 1.176
RMS 0.4723
size [# of strips]

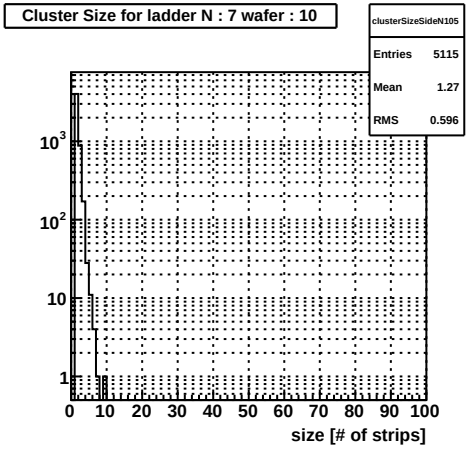

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4429
Mean 1.345
RMS 0.6259
size [# of strips]

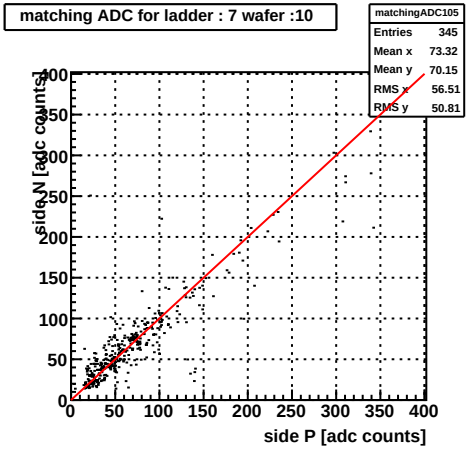

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1748
Mean x 77.74
Mean y 72
RMS x 63.58
RMS y 57.13
side N [adc counts]
side P [adc counts]

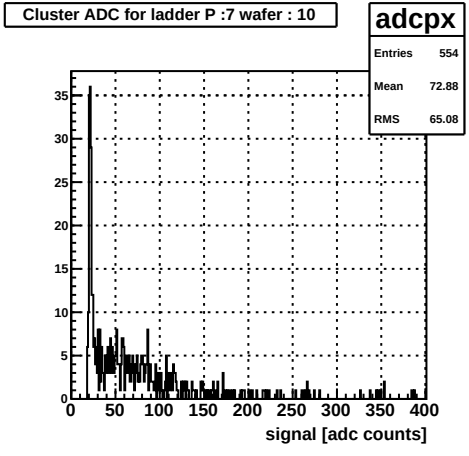

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6945
Mean 39.72
RMS 41.29
signal [adc counts]

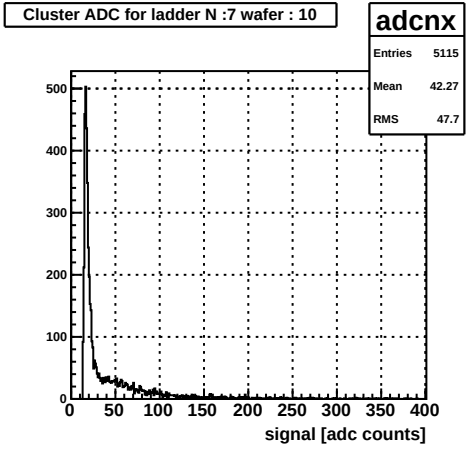

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4429
Mean 48.73
RMS 50.47
signal [adc counts]

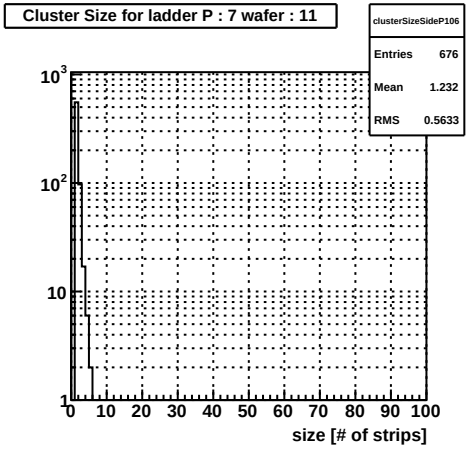

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 554
Mean 1.267
RMS 0.5739
size [# of strips]

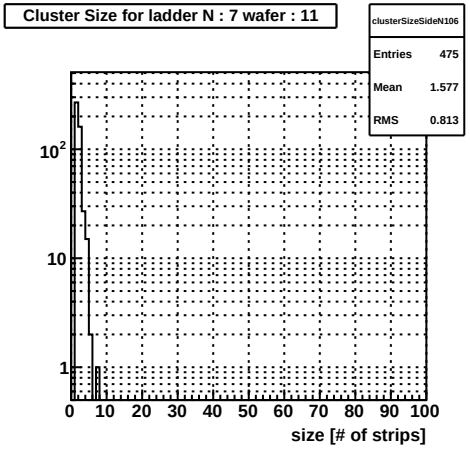

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5115
Mean 1.27
RMS 0.596
size [# of strips]

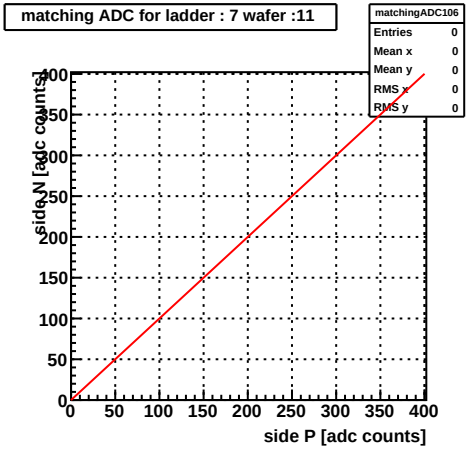

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 345
Mean x 73.32
Mean y 70.15
RMS x 56.51
RMS y 50.81
side N [adc counts]
side P [adc counts]

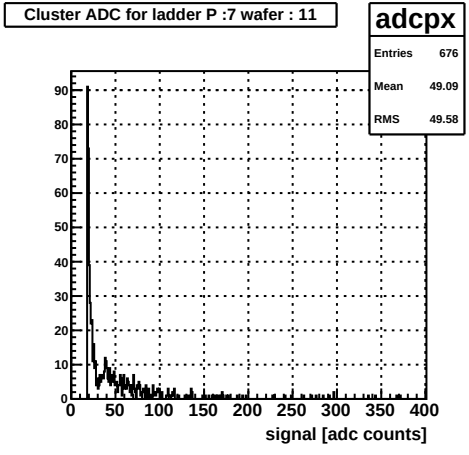

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 554
Mean 72.88
RMS 65.08
signal [adc counts]

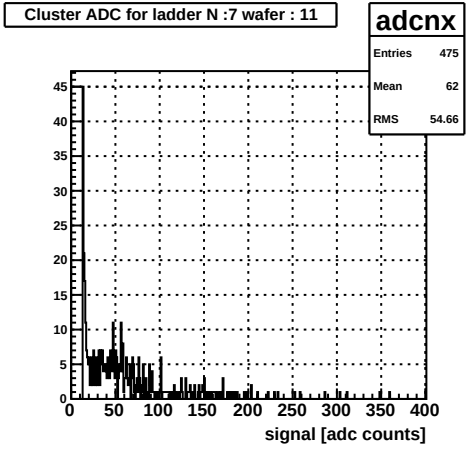

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5115
Mean 42.27
RMS 47.7
signal [adc counts]

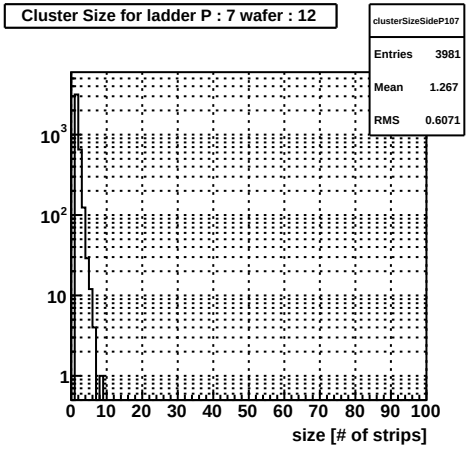

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 676
Mean 1.232
RMS 0.5633
size [# of strips]

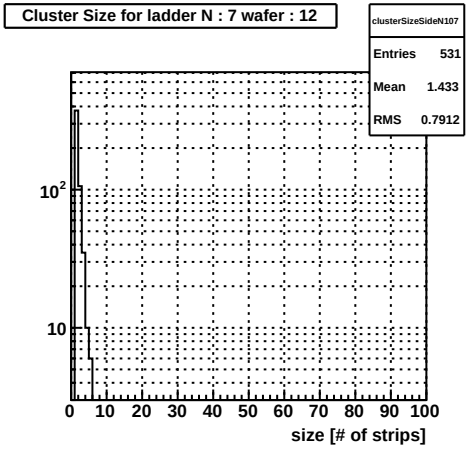

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 475
Mean 1.577
RMS 0.813
size [# of strips]

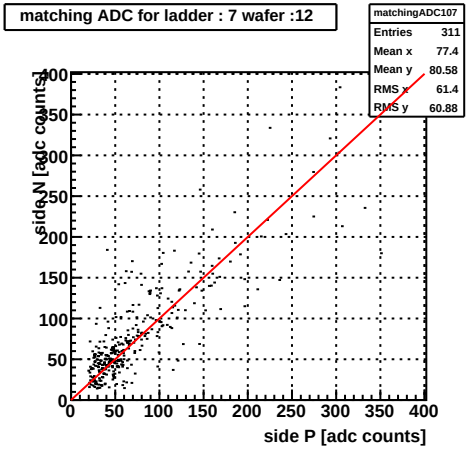

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

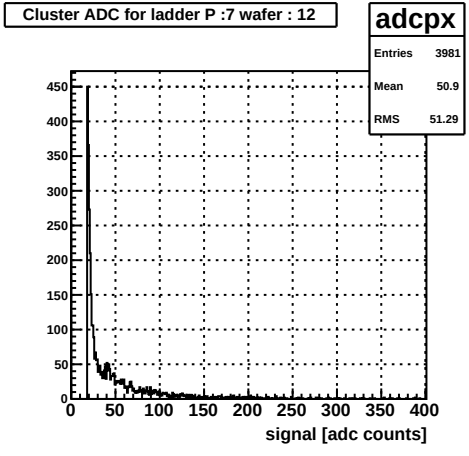

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 676
Mean 49.09
RMS 49.58
signal [adc counts]

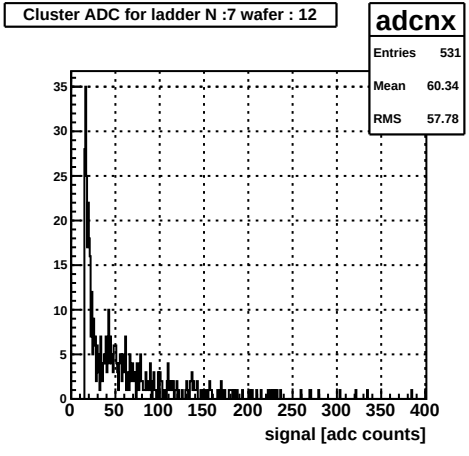

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 475
Mean 62
RMS 54.66
signal [adc counts]

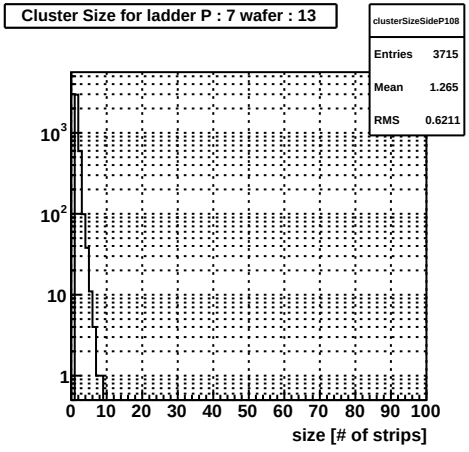

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 3981
Mean 1.267
RMS 0.6071
size [# of strips]

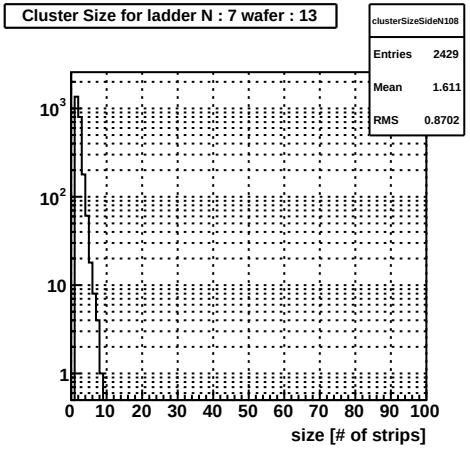

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 531
Mean 1.433
RMS 0.7912
size [# of strips]

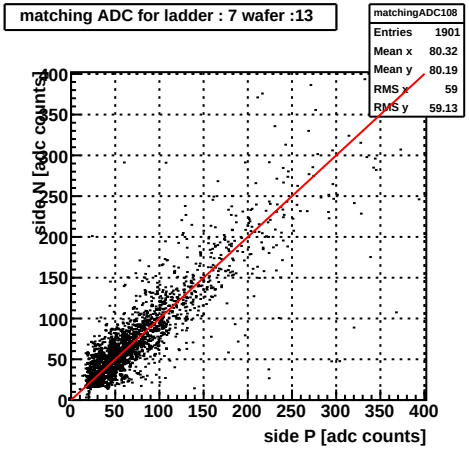

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 311
Mean x 77.4
Mean y 80.58
RMS x 61.4
RMS y 60.88
side N [adc counts]
side P [adc counts]

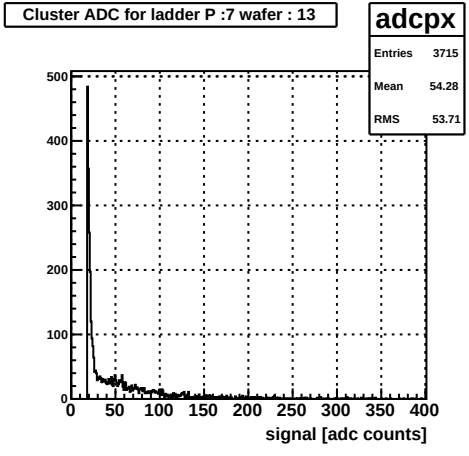

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 3981
Mean 50.9
RMS 51.29
signal [adc counts]

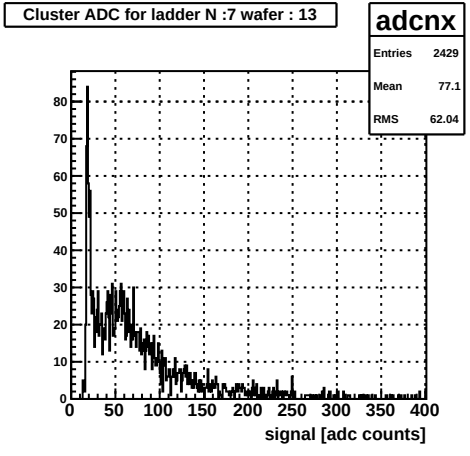

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 531
Mean 60.34
RMS 57.78
signal [adc counts]

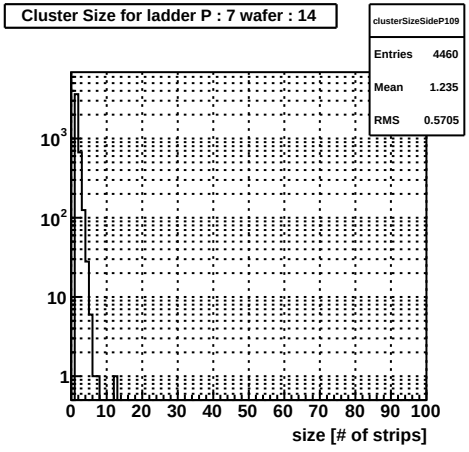

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3715
Mean 1.265
RMS 0.6211
size [# of strips]

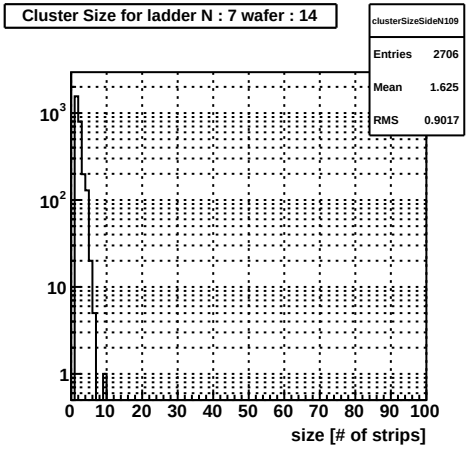

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2429
Mean 1.611
RMS 0.8702
size [# of strips]

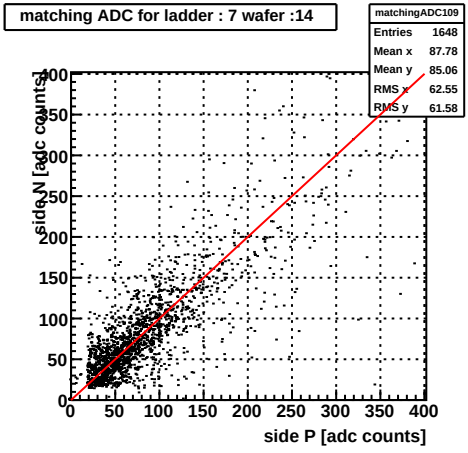

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1901
Mean x 80.32
Mean y 80.19
RMS x 59
RMS y 59.13
side N [adc counts]
side P [adc counts]

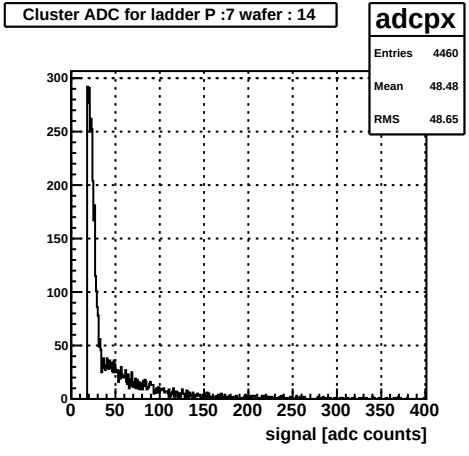

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3715
Mean 54.28
RMS 53.71
signal [adc counts]

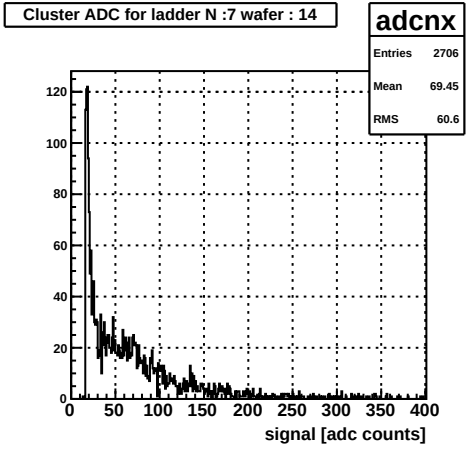

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2429
Mean 77.1
RMS 62.04
signal [adc counts]

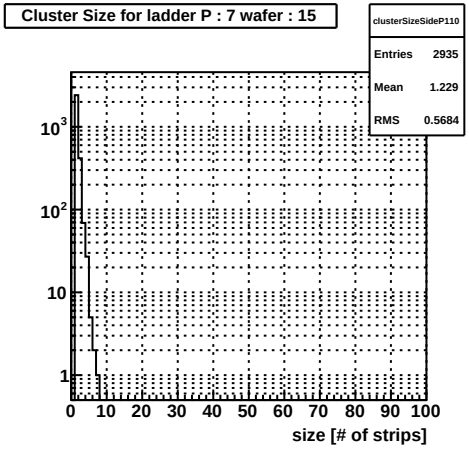

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4460
Mean 1.235
RMS 0.5705
size [# of strips]

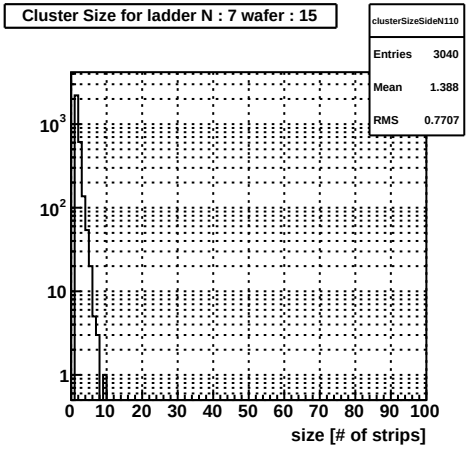

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2706
Mean 1.625
RMS 0.9017
size [# of strips]

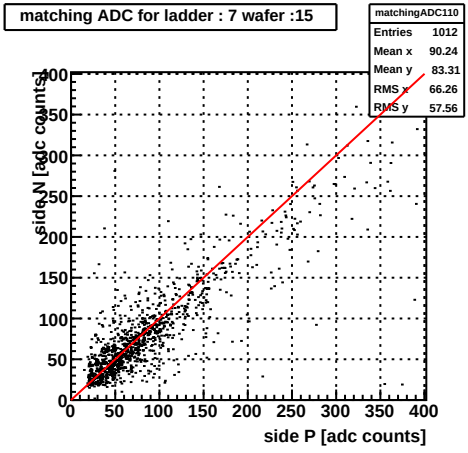

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1648
Mean x 87.78
Mean y 85.06
RMS x 62.55
RMS y 61.58
side N [adc counts]
side P [adc counts]

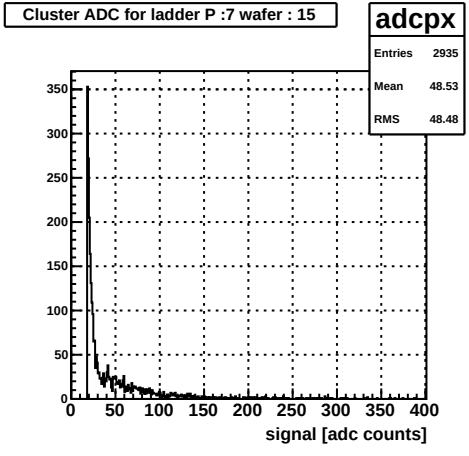

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4460
Mean 48.48
RMS 48.65
signal [adc counts]

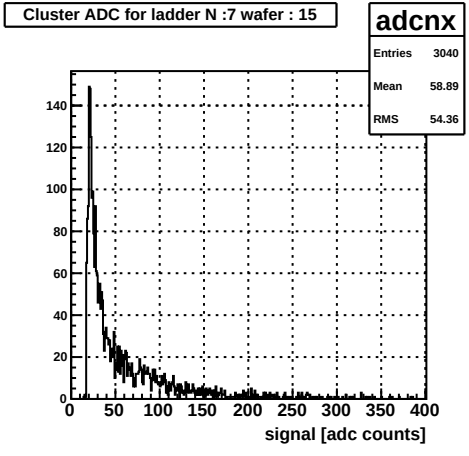

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2706
Mean 69.45
RMS 60.6
signal [adc counts]

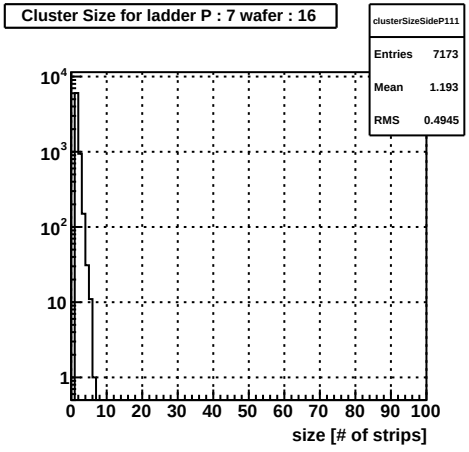

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2935
Mean 1.229
RMS 0.5684
size [# of strips]

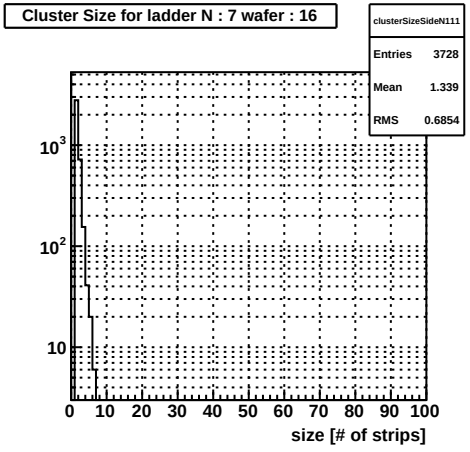

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3040
Mean 1.388
RMS 0.7707
size [# of strips]

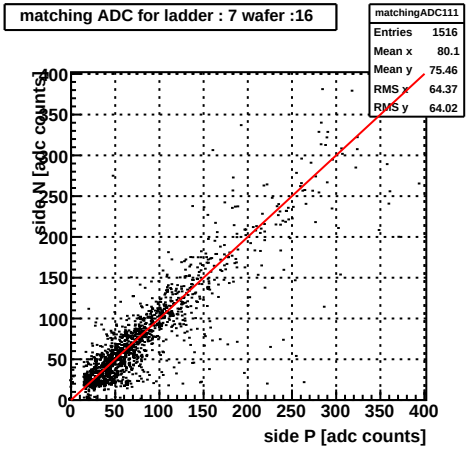

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1012
Mean x 90.24
Mean y 83.31
RMS x 66.26
RMS y 57.56
side N [adc counts]
side P [adc counts]

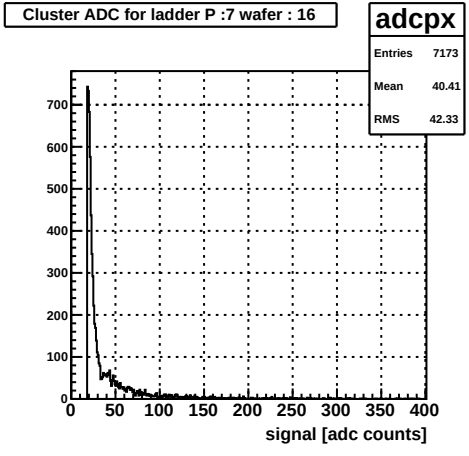

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2935
Mean 48.53
RMS 48.48
signal [adc counts]

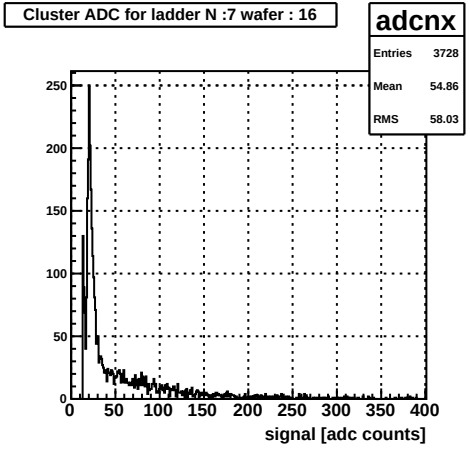

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3040
Mean 58.89
RMS 54.36
signal [adc counts]

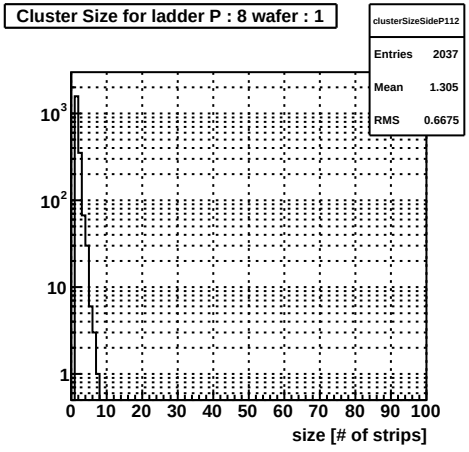

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7173
Mean 1.193
RMS 0.4945
size [# of strips]

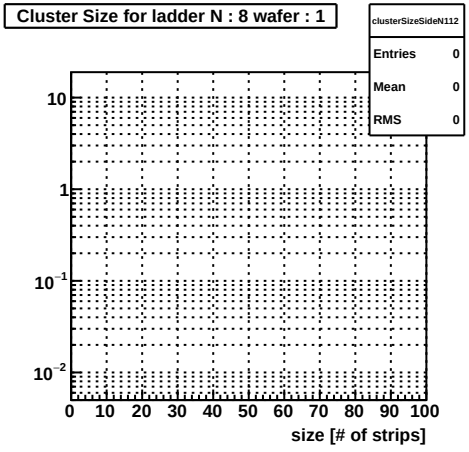

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3728
Mean 1.339
RMS 0.6854
size [# of strips]

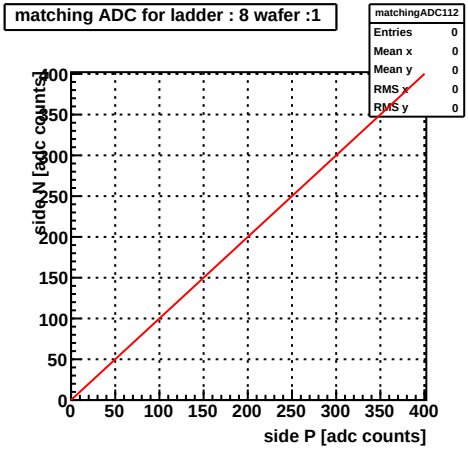

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1516
Mean x 80.1
Mean y 75.46
RMS x 64.37
RMS y 64.02
side N [adc counts]
side P [adc counts]

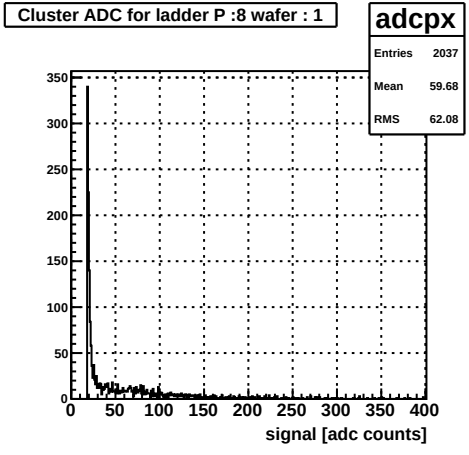

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7173
Mean 40.41
RMS 42.33
signal [adc counts]

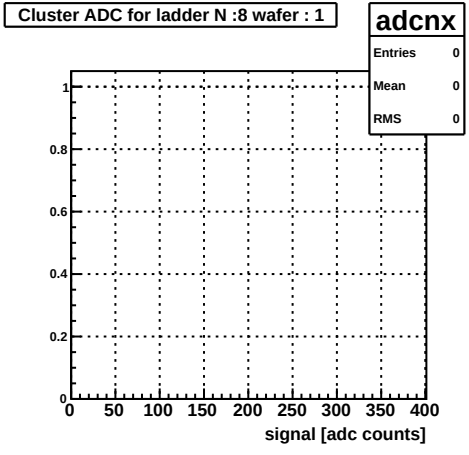

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3728
Mean 54.86
RMS 58.03
signal [adc counts]

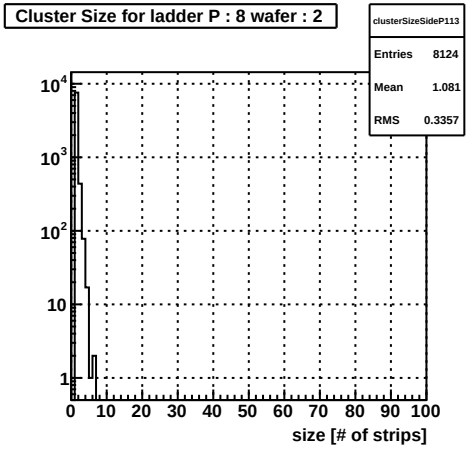

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 2037
Mean 1.305
RMS 0.6675
size [# of strips]

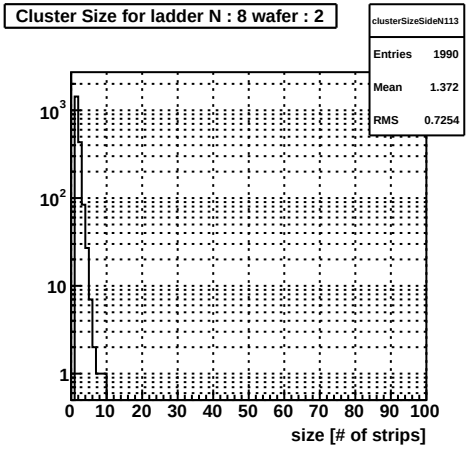

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

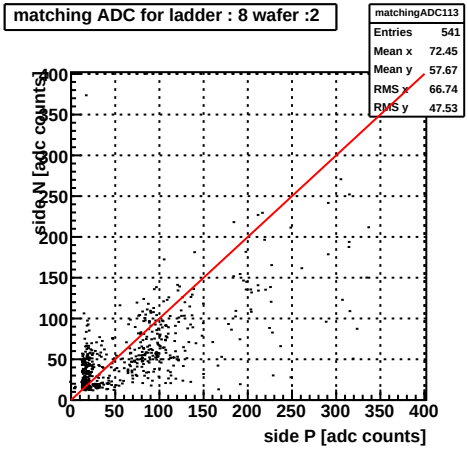

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

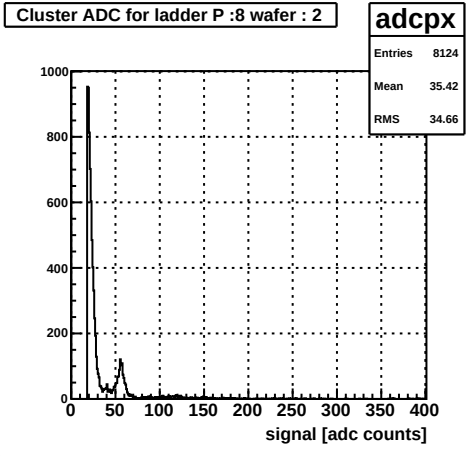

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 2037
Mean 59.68
RMS 62.08
signal [adc counts]

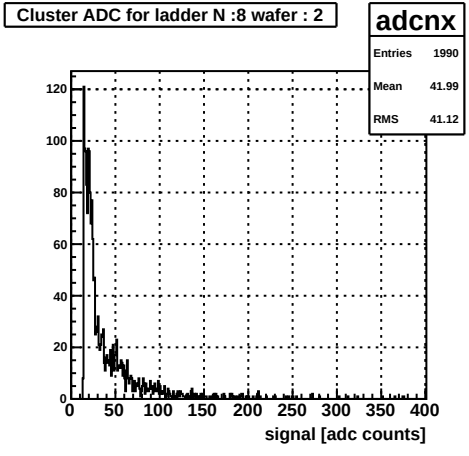

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

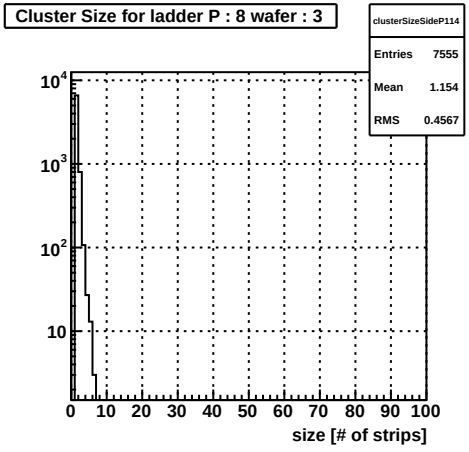

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8124
Mean 1.081
RMS 0.3357
size [# of strips]

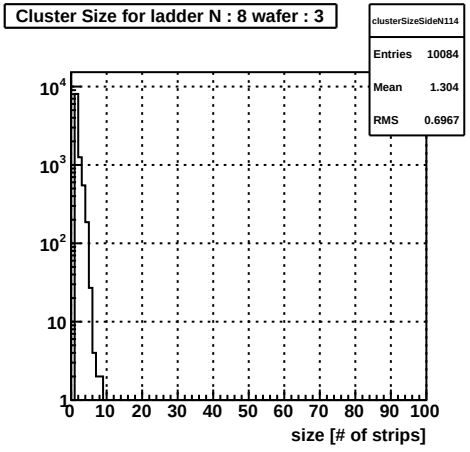

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1990
Mean 1.372
RMS 0.7254
size [# of strips]

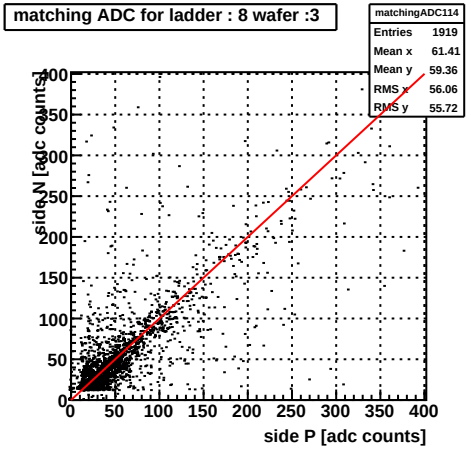

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 541
Mean x 72.45
Mean y 57.67
RMS x 66.74
RMS y 47.53
side N [adc counts]
side P [adc counts]

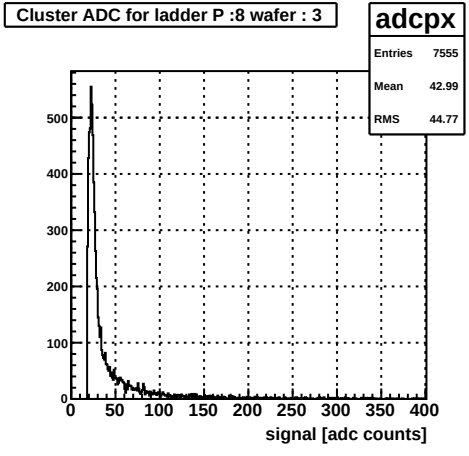

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8124
Mean 35.42
RMS 34.66
signal [adc counts]

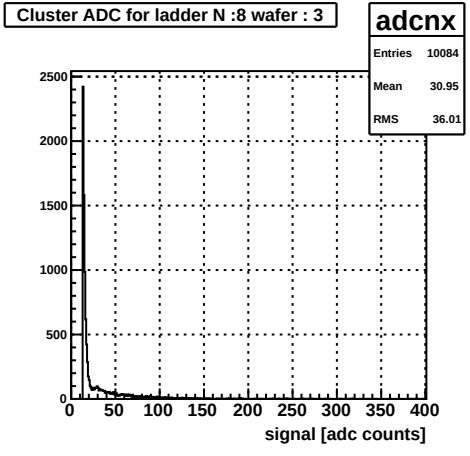

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1990
Mean 41.99
RMS 41.12
signal [adc counts]

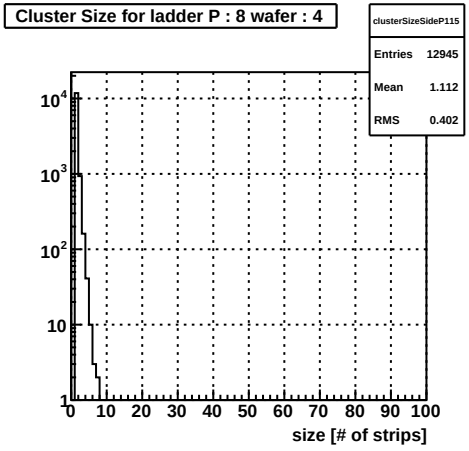

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7555
Mean 1.154
RMS 0.4567
size [# of strips]

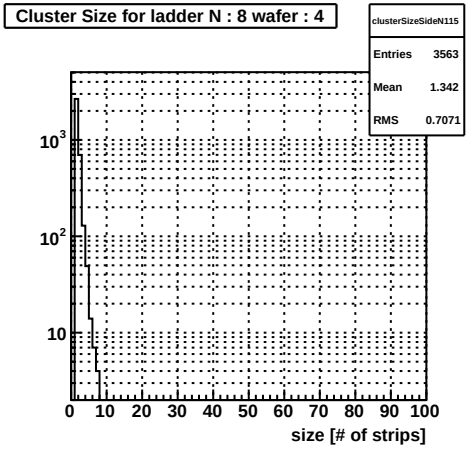

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10084
Mean 1.304
RMS 0.6967
size [# of strips]

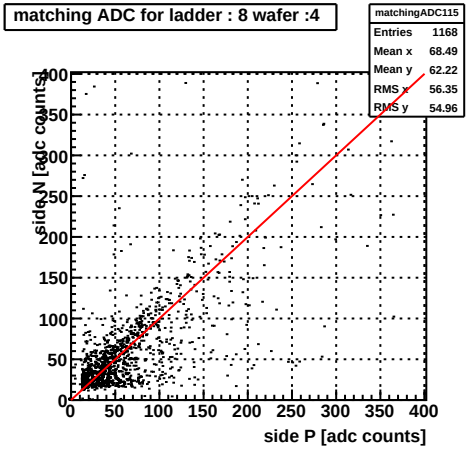

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1919
Mean x 61.41
Mean y 59.36
RMS x 56.06
RMS y 55.72
side N [adc counts]
side P [adc counts]

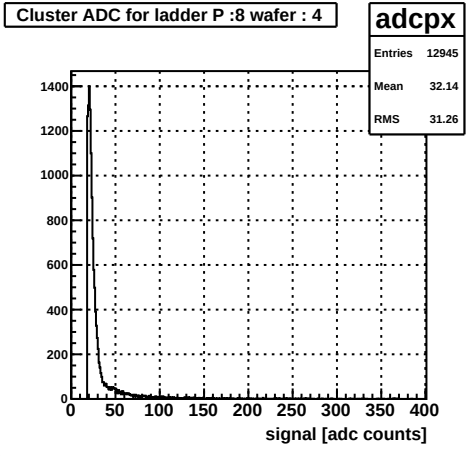

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7555
Mean 42.99
RMS 44.77
signal [adc counts]

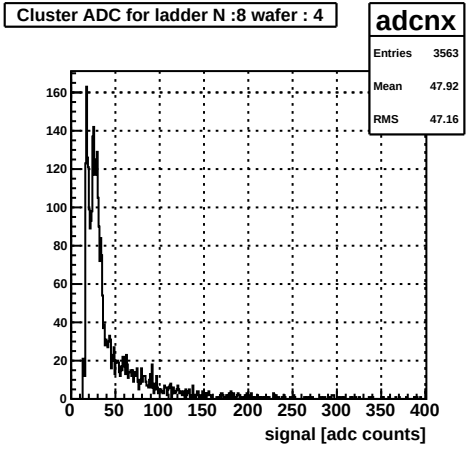

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10084
Mean 30.95
RMS 36.01
signal [adc counts]

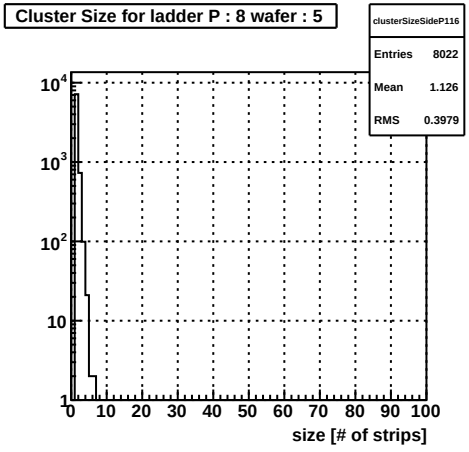

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12945
Mean 1.112
RMS 0.402
size [# of strips]

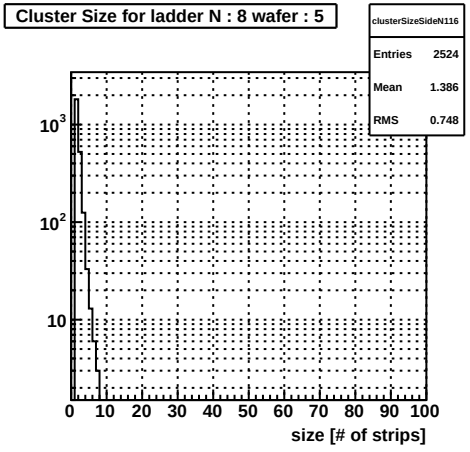

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3563
Mean 1.342
RMS 0.7071
size [# of strips]

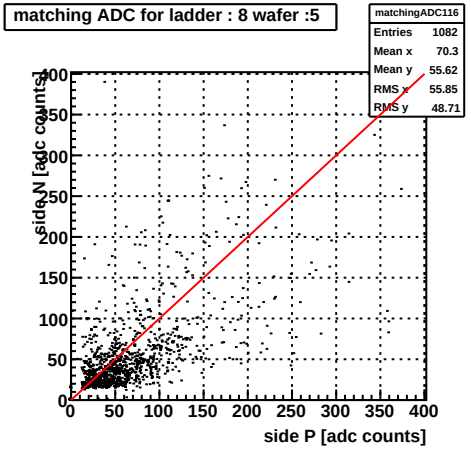

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1168
Mean x 68.49
Mean y 62.22
RMS x 56.35
RMS y 54.96
side N [adc counts]
side P [adc counts]

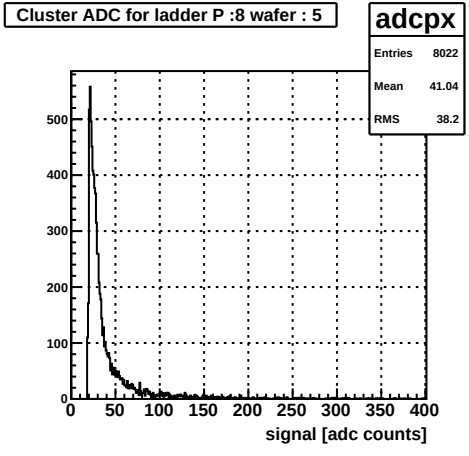

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12945
Mean 32.14
RMS 31.26
signal [adc counts]

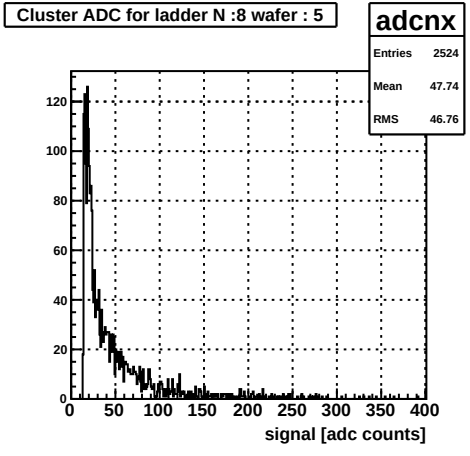

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3563
Mean 47.92
RMS 47.16
signal [adc counts]

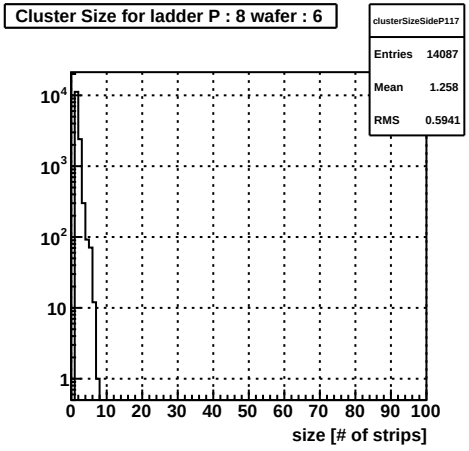

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8022
Mean 1.126
RMS 0.3979
size [# of strips]

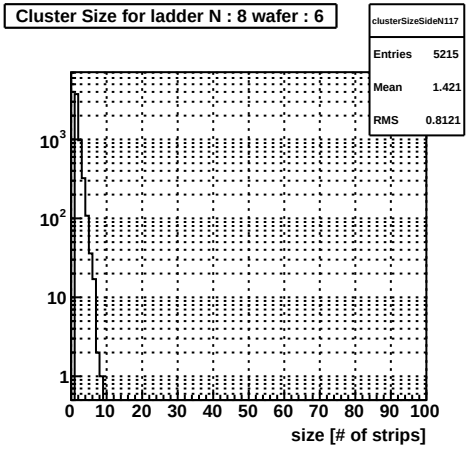

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2524
Mean 1.386
RMS 0.748
size [# of strips]

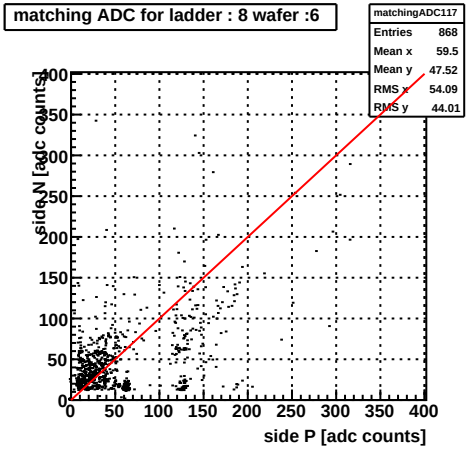

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1082
Mean x 70.3
Mean y 55.62
RMS x 55.85
RMS y 48.71
side N [adc counts]
side P [adc counts]

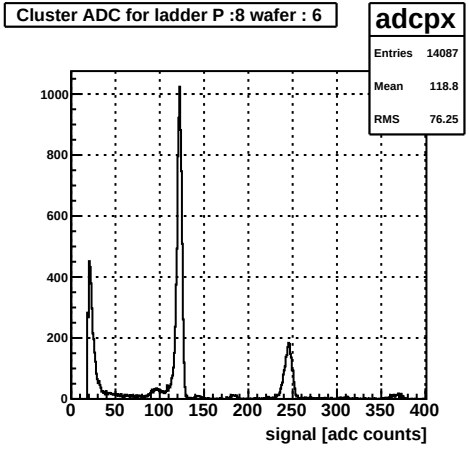

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8022
Mean 41.04
RMS 38.2
signal [adc counts]

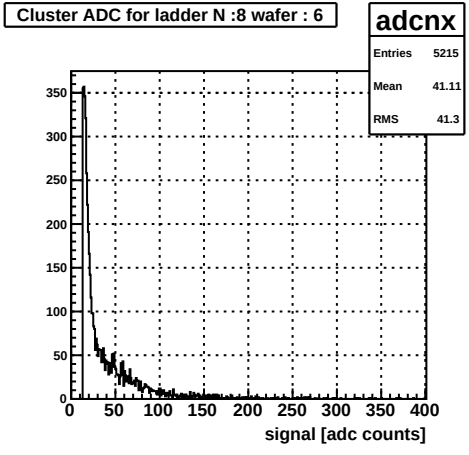

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2524
Mean 47.74
RMS 46.76
signal [adc counts]

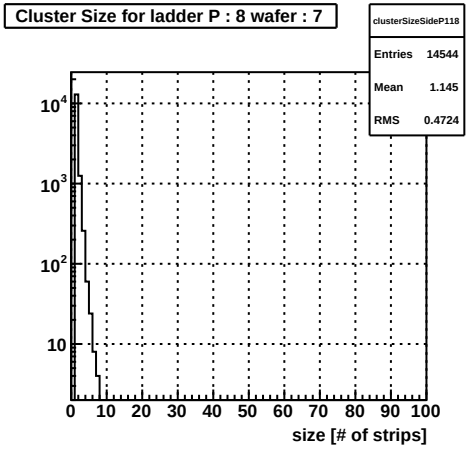

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14087
Mean 1.258
RMS 0.5941
size [# of strips]

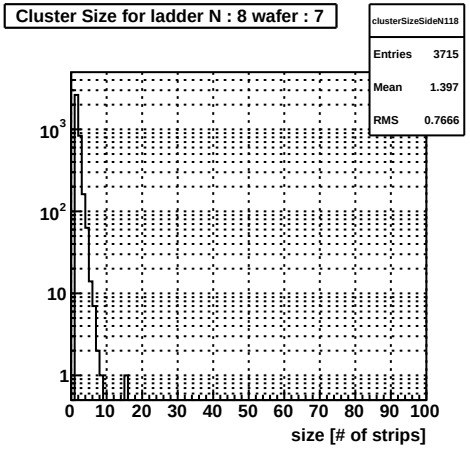

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5215
Mean 1.421
RMS 0.8121
size [# of strips]

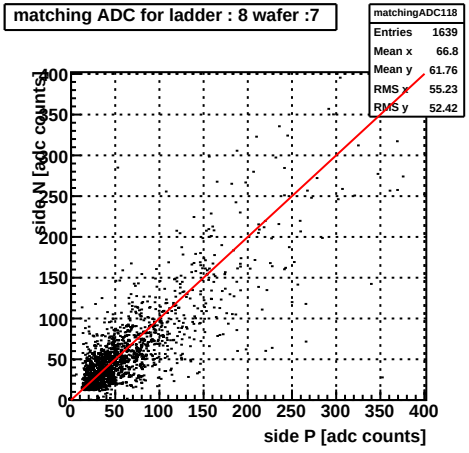

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 868
Mean x 59.5
Mean y 47.52
RMS x 54.09
RMS y 44.01
side N [adc counts]
side P [adc counts]

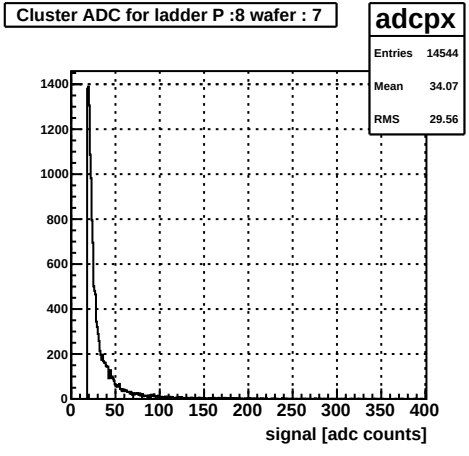

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14087
Mean 118.8
RMS 76.25
signal [adc counts]

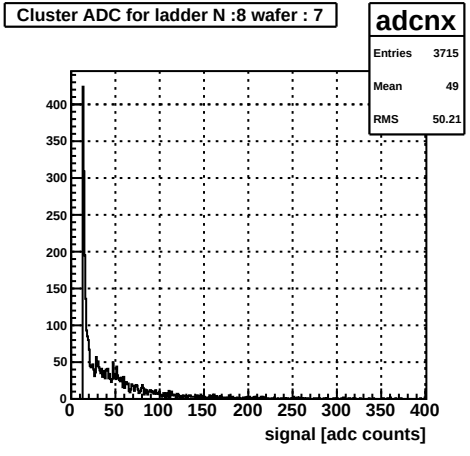

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5215
Mean 41.11
RMS 41.3
signal [adc counts]

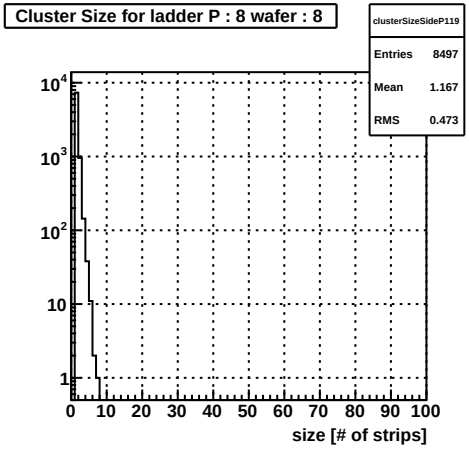

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14544
Mean 1.145
RMS 0.4724
size [# of strips]

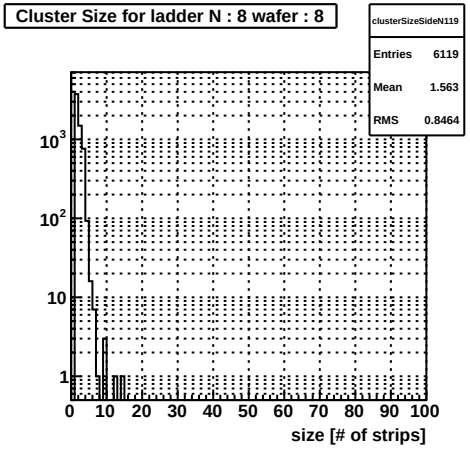

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3715
Mean 1.397
RMS 0.7666
size [# of strips]

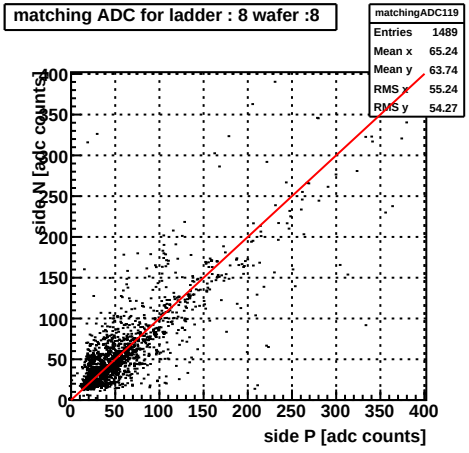

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1639
Mean x 66.8
Mean y 61.76
RMS x 55.23
RMS y 52.42
side N [adc counts]
side P [adc counts]

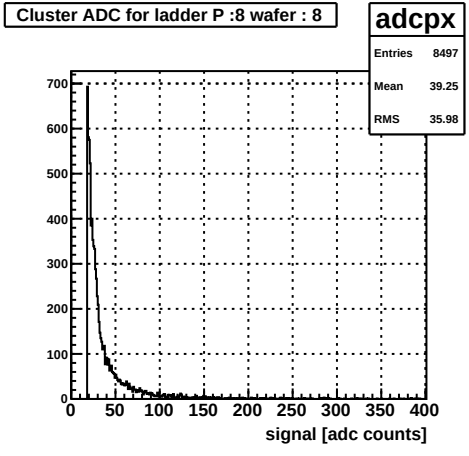

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14544
Mean 34.07
RMS 29.56
signal [adc counts]

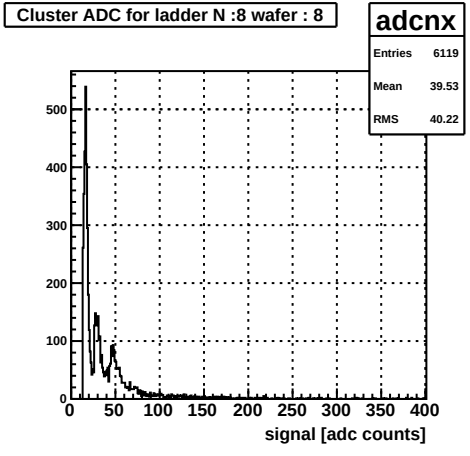

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3715
Mean 49
RMS 50.21
signal [adc counts]

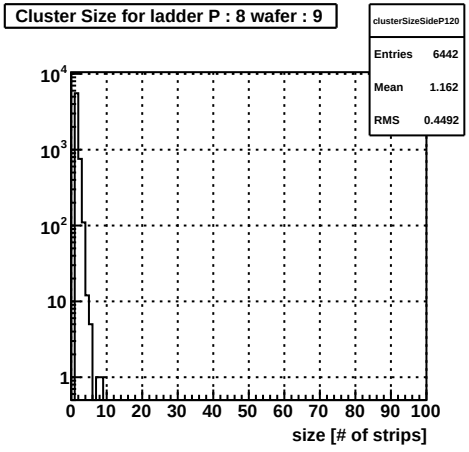

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8497
Mean 1.167
RMS 0.473
size [# of strips]

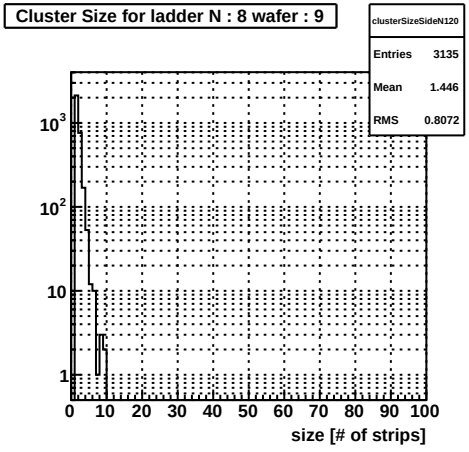

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6119
Mean 1.563
RMS 0.8464
size [# of strips]

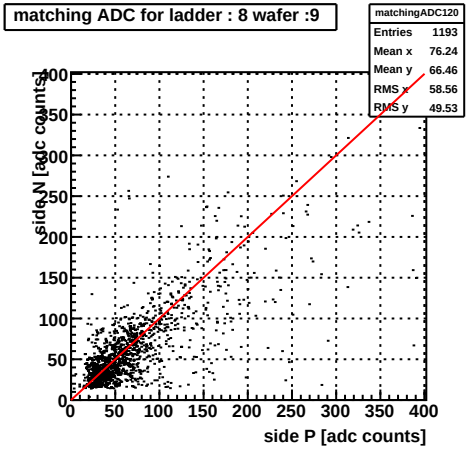

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1489
Mean x 65.24
Mean y 63.74
RMS x 55.24
RMS y 54.27
side N [adc counts]
side P [adc counts]

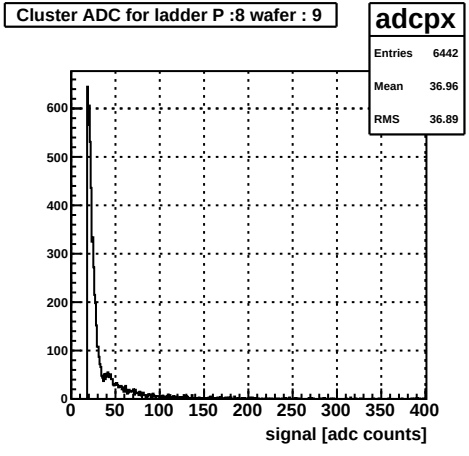

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8497
Mean 39.25
RMS 35.98
signal [adc counts]

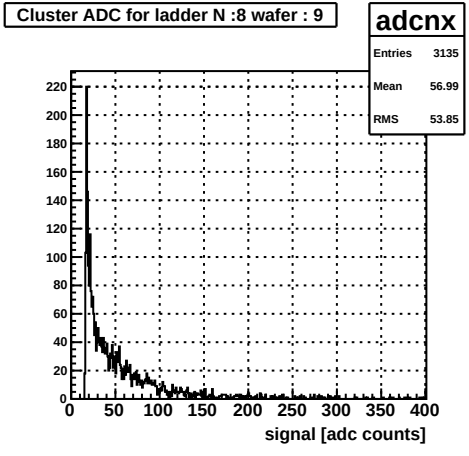

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6119
Mean 39.53
RMS 40.22
signal [adc counts]

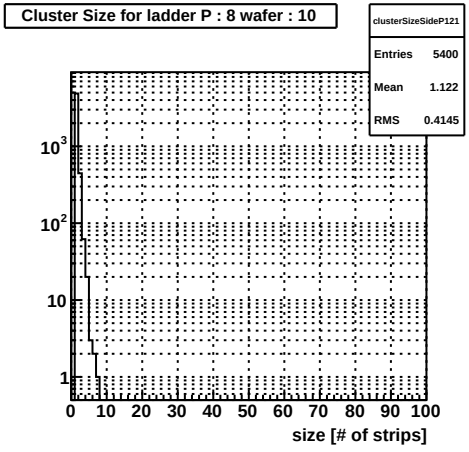

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6442
Mean 1.162
RMS 0.4492
size [# of strips]

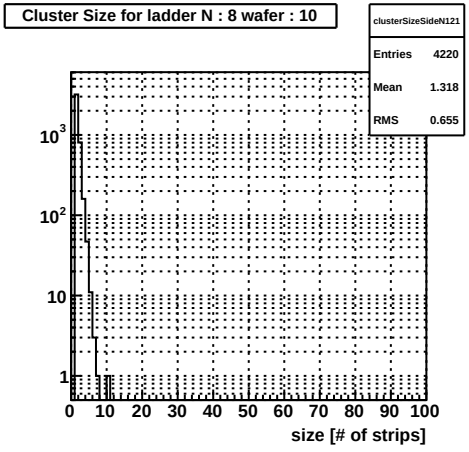

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3135
Mean 1.446
RMS 0.8072
size [# of strips]

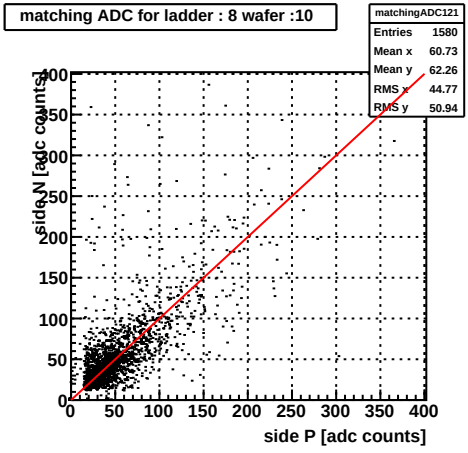

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1193
Mean x 76.24
Mean y 66.46
RMS x 58.56
RMS y 49.53
side N [adc counts]
side P [adc counts]

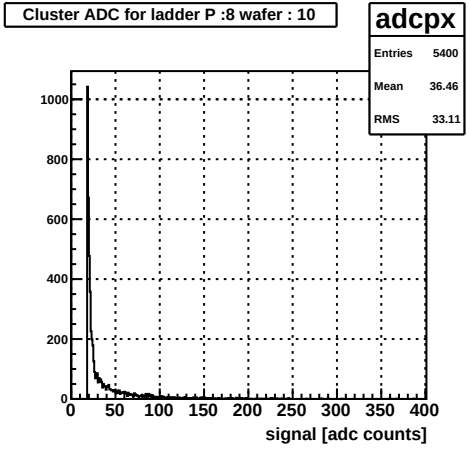

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6442
Mean 36.96
RMS 36.89
signal [adc counts]

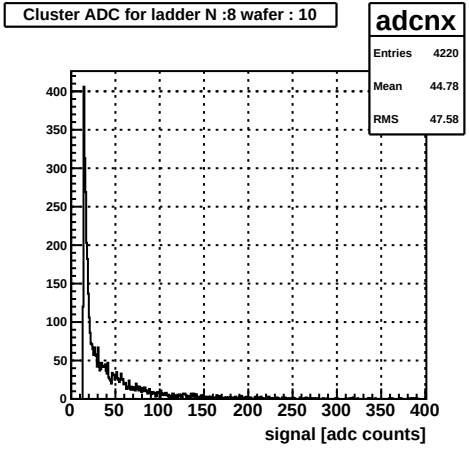

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3135
Mean 56.99
RMS 53.85
signal [adc counts]

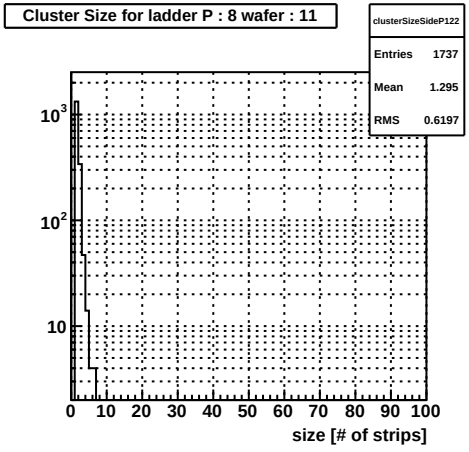

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5400
Mean 1.122
RMS 0.4145
size [# of strips]

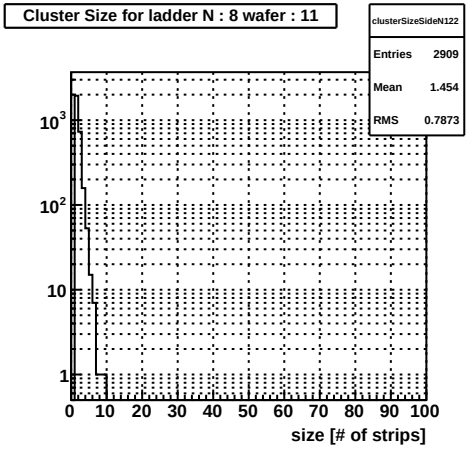

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4220
Mean 1.318
RMS 0.655
size [# of strips]

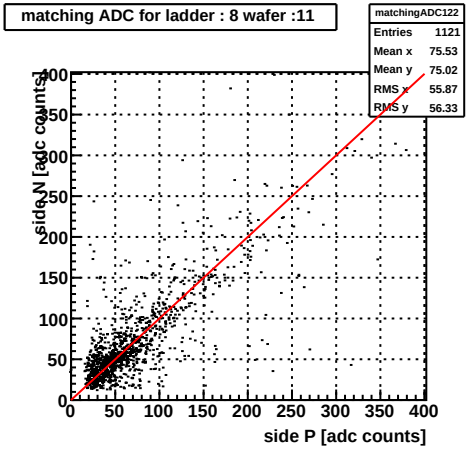

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1580
Mean x 60.73
Mean y 62.26
RMS x 44.77
RMS y 50.94
side N [adc counts]
side P [adc counts]

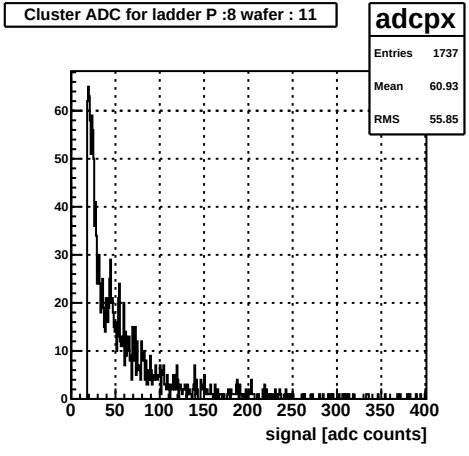

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5400
Mean 36.46
RMS 33.11
signal [adc counts]

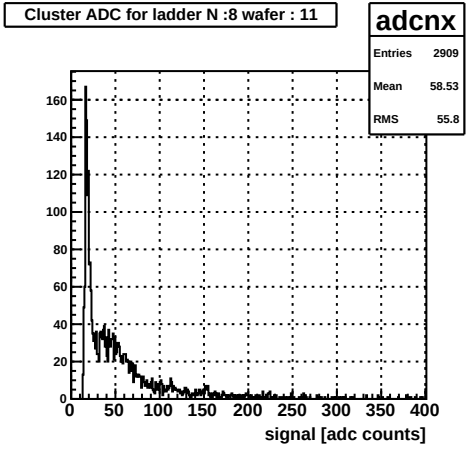

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4220
Mean 44.78
RMS 47.58
signal [adc counts]

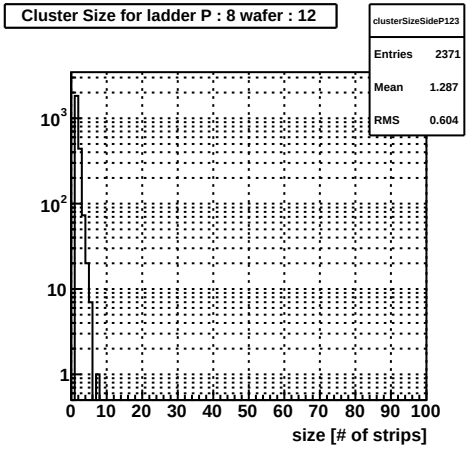

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1737
Mean 1.295
RMS 0.6197
size [# of strips]

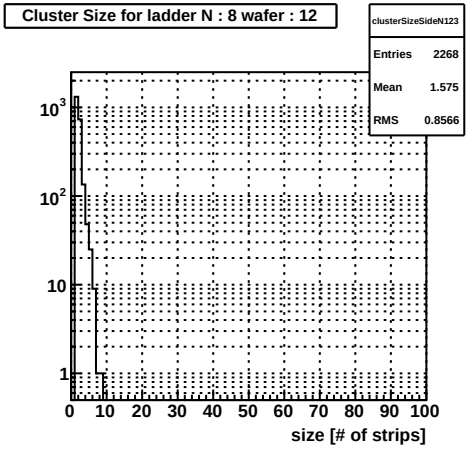

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2909
Mean 1.454
RMS 0.7873
size [# of strips]

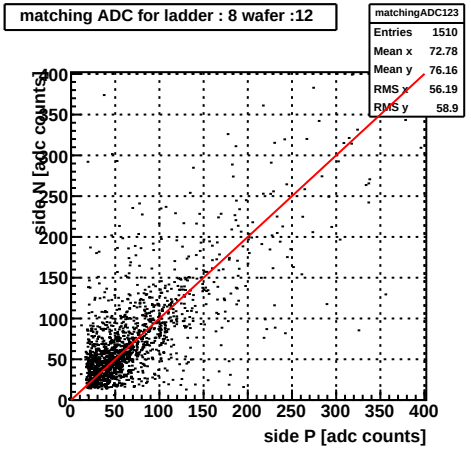

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1121
Mean x 75.53
Mean y 75.02
RMS x 55.87
RMS y 56.33
side N [adc counts]
side P [adc counts]

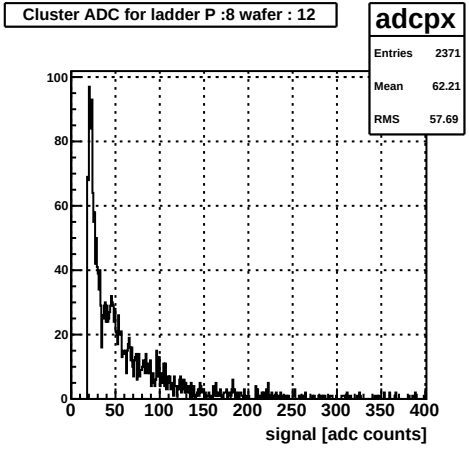

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1737
Mean 60.93
RMS 55.85
signal [adc counts]

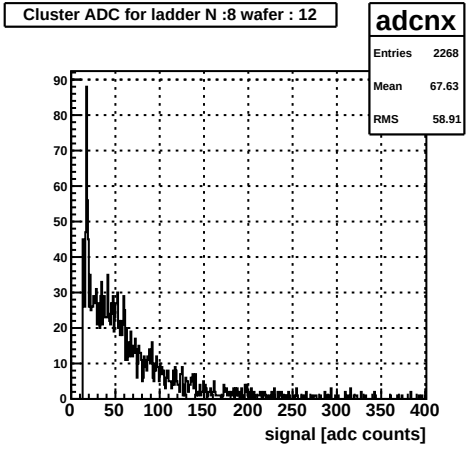

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2909
Mean 58.53
RMS 55.8
signal [adc counts]

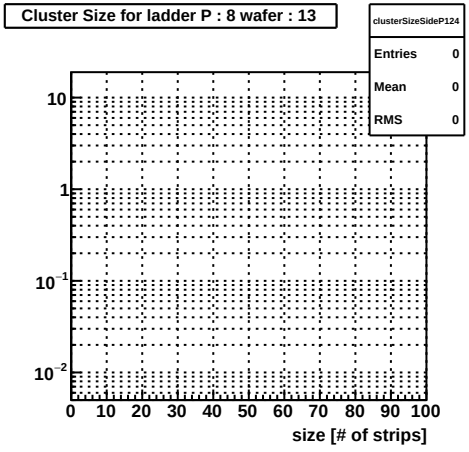

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2371
Mean 1.287
RMS 0.604
size [# of strips]

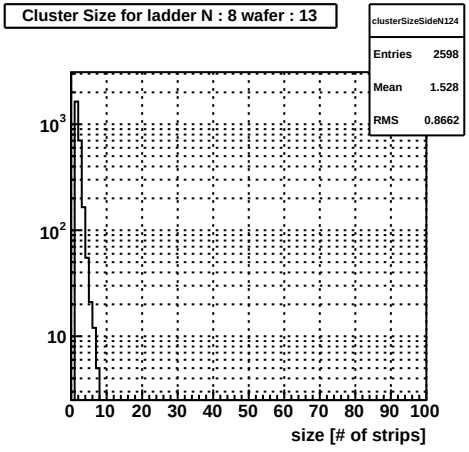

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2268
Mean 1.575
RMS 0.8566
size [# of strips]

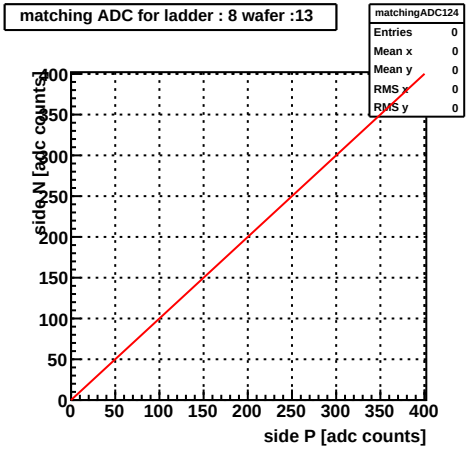

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1510
Mean x 72.78
Mean y 76.16
RMS x 56.19
RMS y 58.9
side N [adc counts]
side P [adc counts]

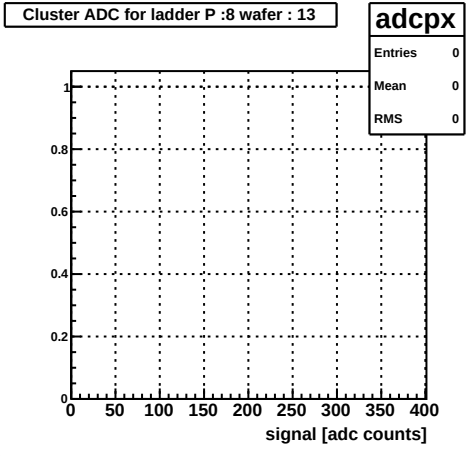

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2371
Mean 62.21
RMS 57.69
signal [adc counts]

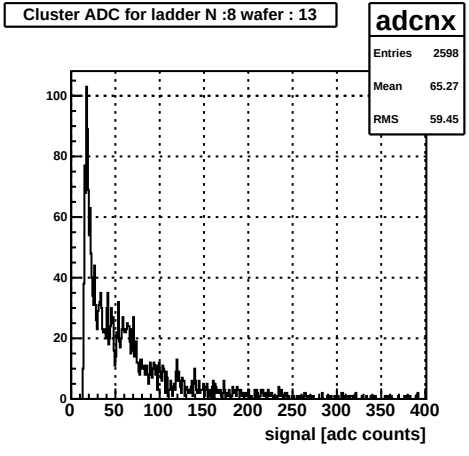

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2268
Mean 67.63
RMS 58.91
signal [adc counts]

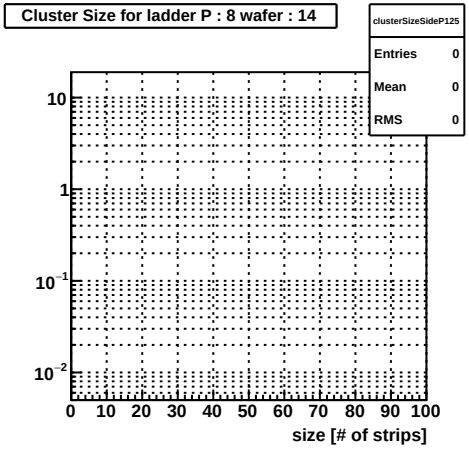

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

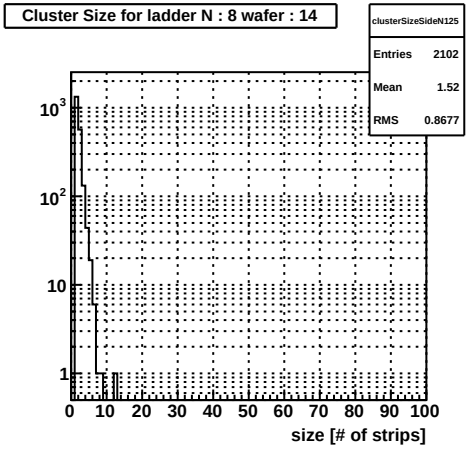

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2598
Mean 1.528
RMS 0.8662
size [# of strips]

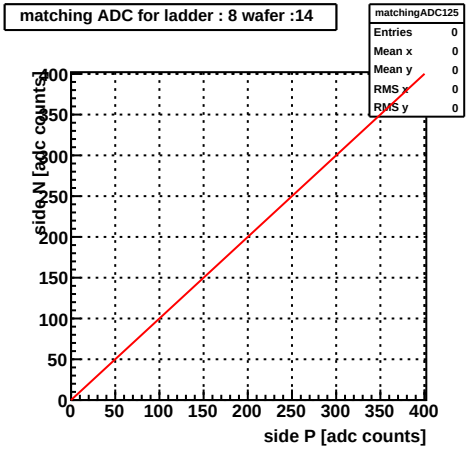

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

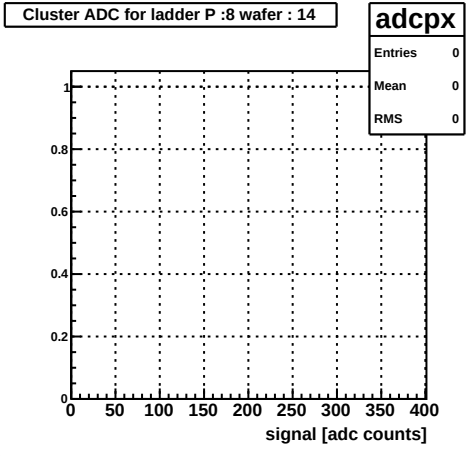

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

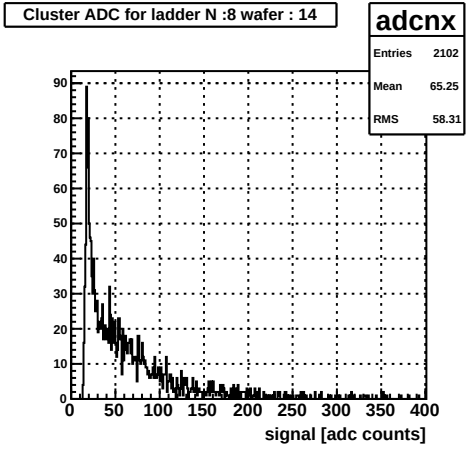

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2598
Mean 65.27
RMS 59.45
signal [adc counts]

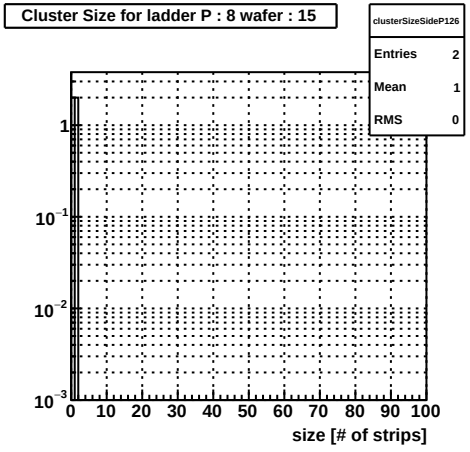

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

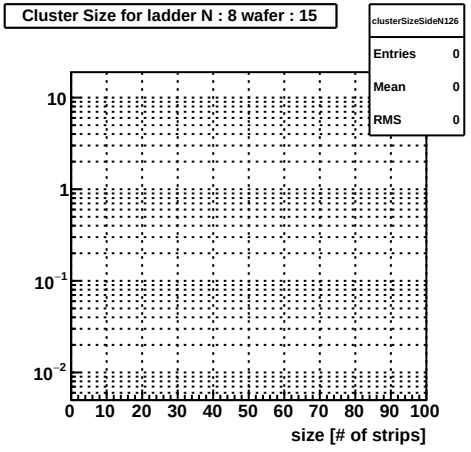

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2102
Mean 1.52
RMS 0.8677
size [# of strips]

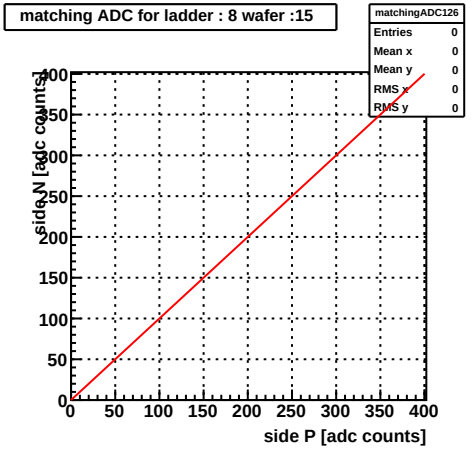

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

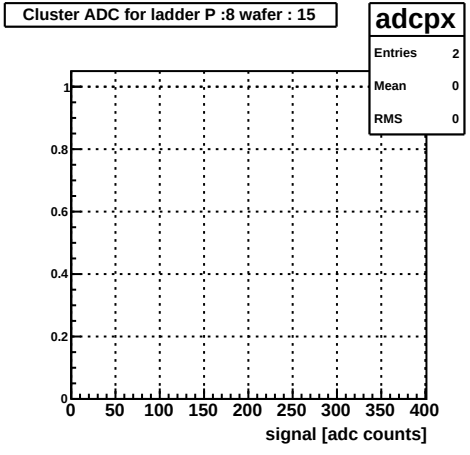

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

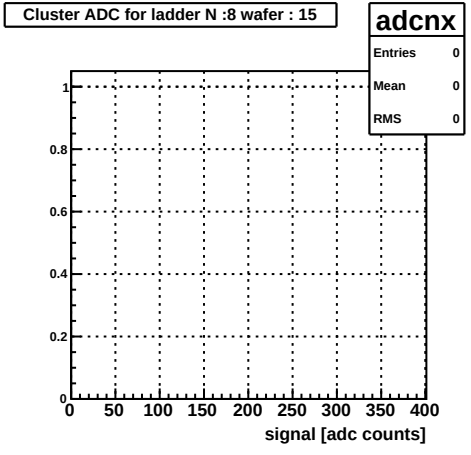

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2102
Mean 65.25
RMS 58.31
signal [adc counts]

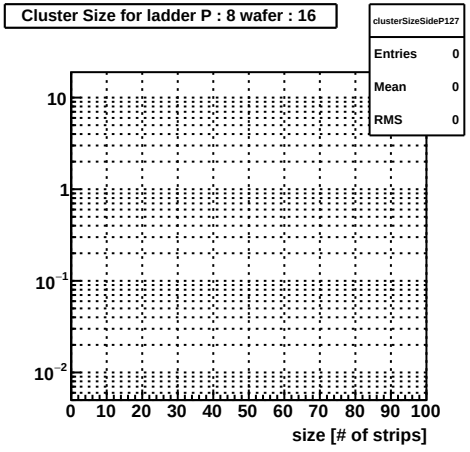

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

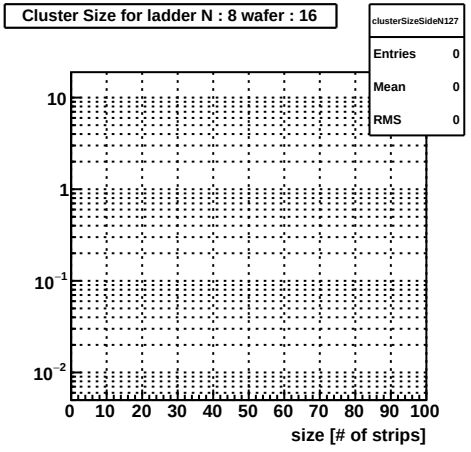

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

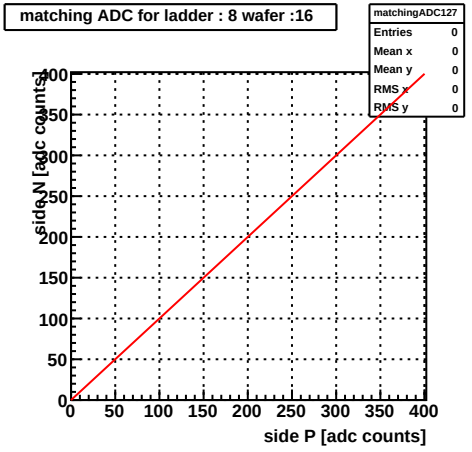

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

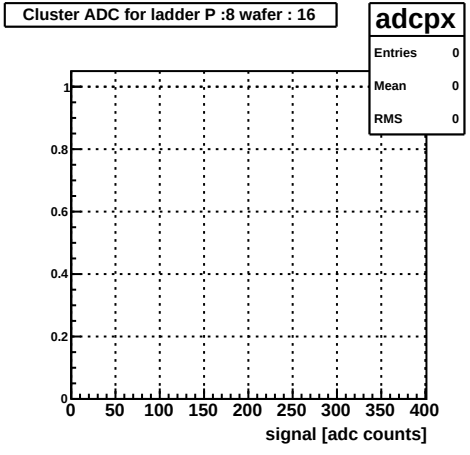

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

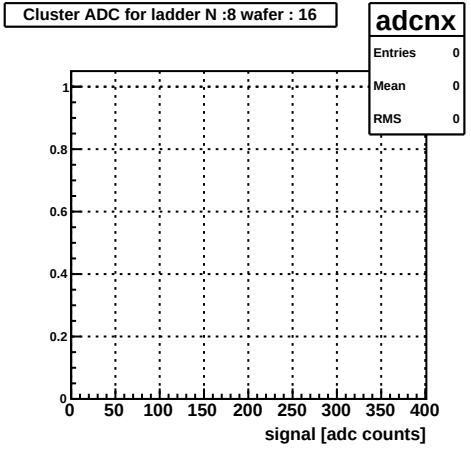

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

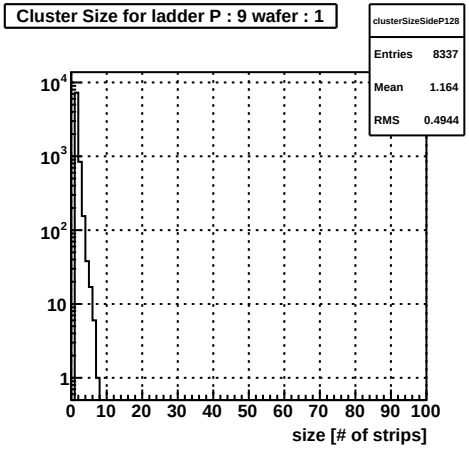

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

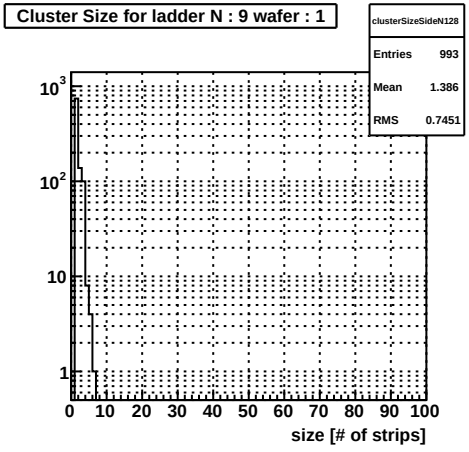

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

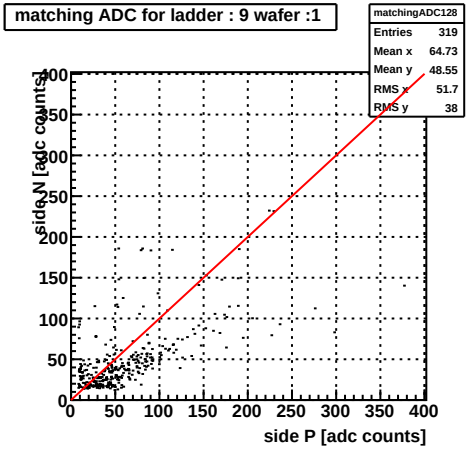

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

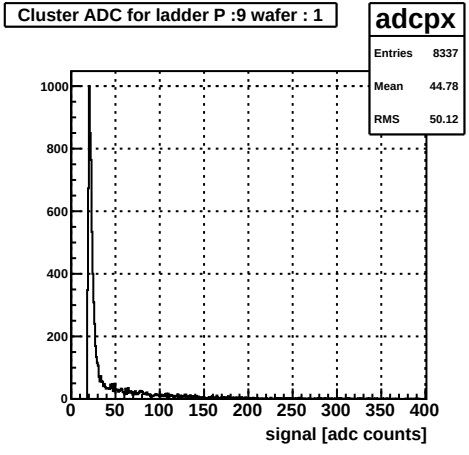

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

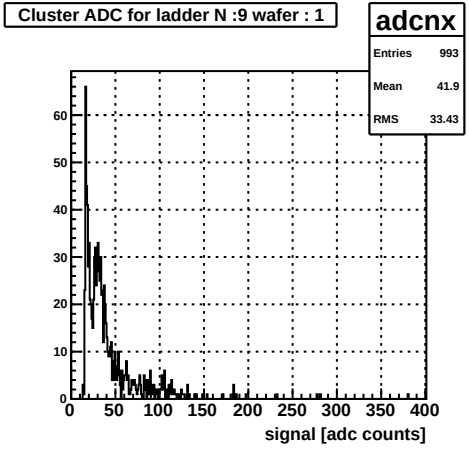

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

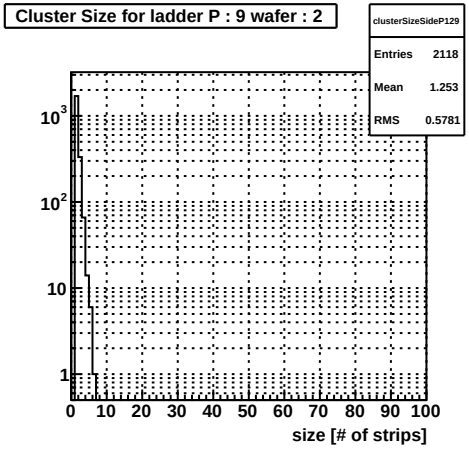

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8337
Mean 1.164
RMS 0.4944
size [# of strips]

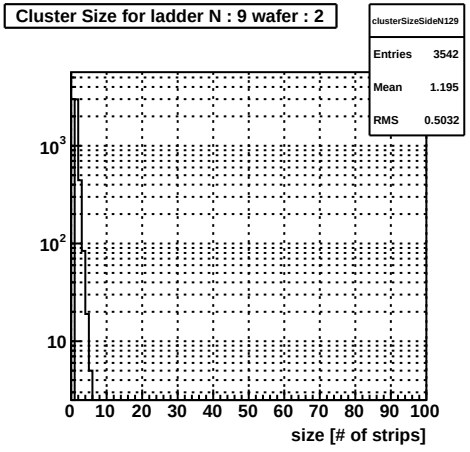

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 993
Mean 1.386
RMS 0.7451
size [# of strips]

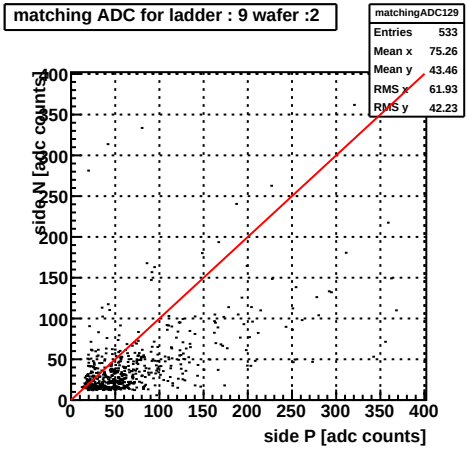

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 319
Mean x 64.73
Mean y 48.55
RMS x 51.7
RMS y 38
side N [adc counts]
side P [adc counts]

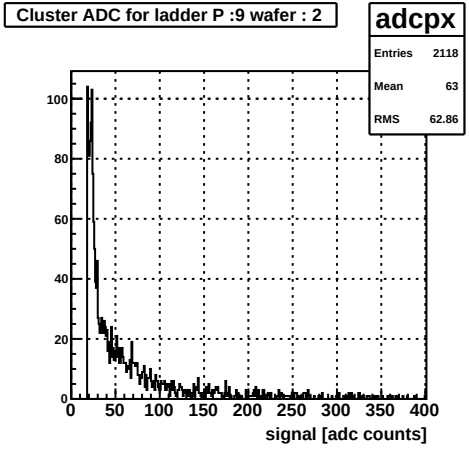

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8337
Mean 44.78
RMS 50.12
signal [adc counts]

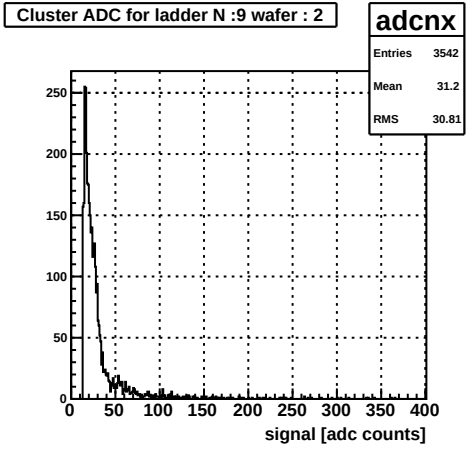

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 993
Mean 41.9
RMS 33.43
signal [adc counts]

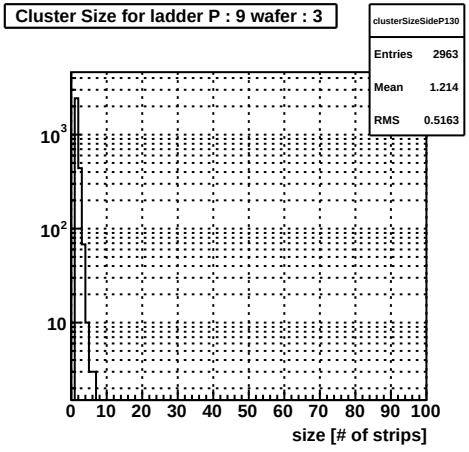

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2118
Mean 1.253
RMS 0.5781
size [# of strips]

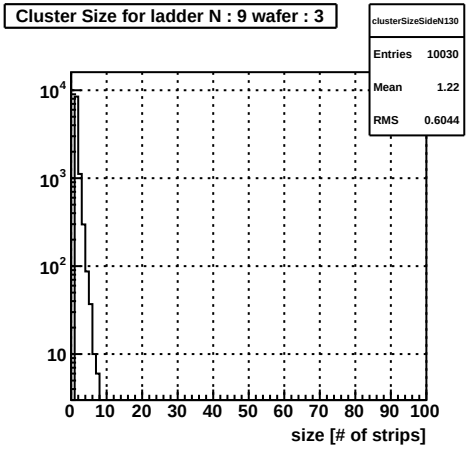

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3542
Mean 1.195
RMS 0.5032
size [# of strips]

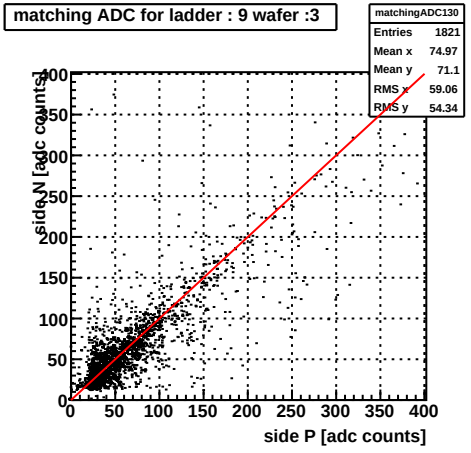

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 533
Mean x 75.26
Mean y 43.46
RMS x 61.93
RMS y 42.23
side N [adc counts]
side P [adc counts]

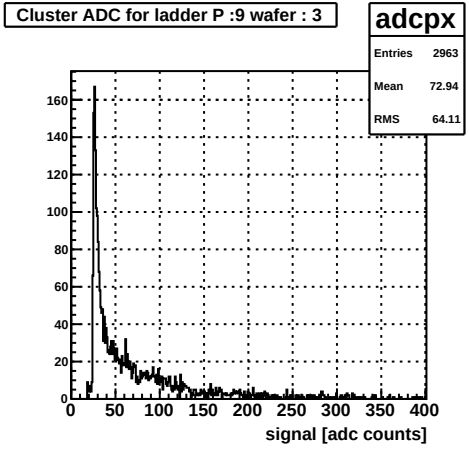

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2118
Mean 63
RMS 62.86
signal [adc counts]

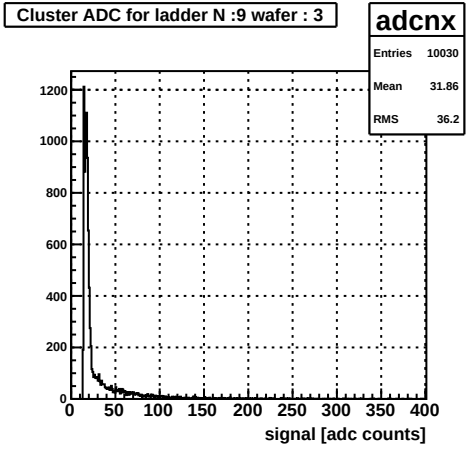

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3542
Mean 31.2
RMS 30.81
signal [adc counts]

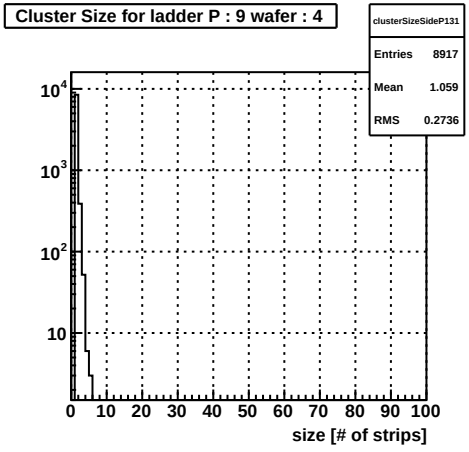

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2963
Mean 1.214
RMS 0.5163
size [# of strips]

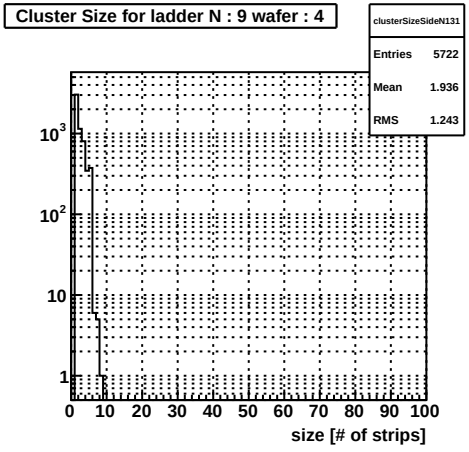

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10030
Mean 1.22
RMS 0.6044
size [# of strips]

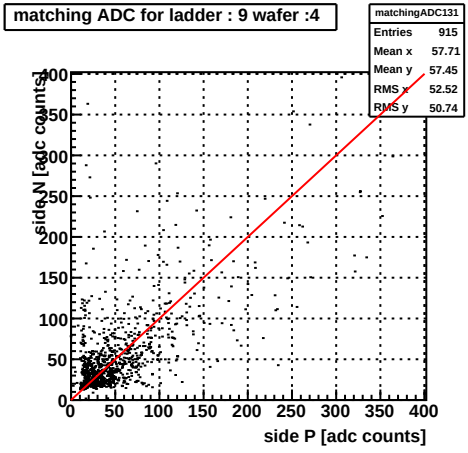

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1821
Mean x 74.97
Mean y 71.1
RMS x 59.06
RMS y 54.34
side N [adc counts]
side P [adc counts]

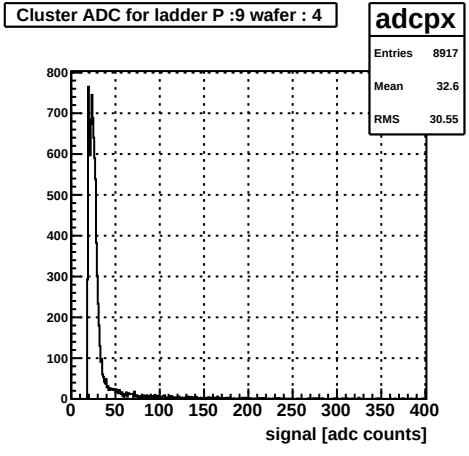

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2963
Mean 72.94
RMS 64.11
signal [adc counts]

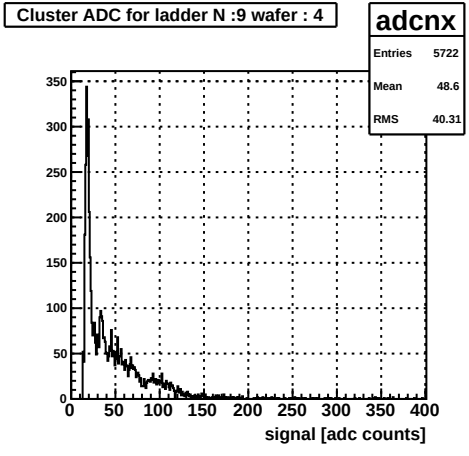

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10030
Mean 31.86
RMS 36.2
signal [adc counts]

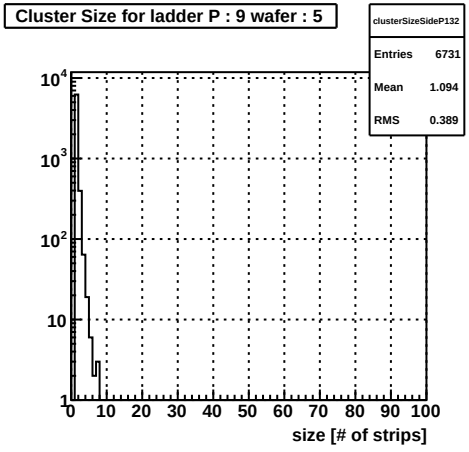

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8917
Mean 1.059
RMS 0.2736
size [# of strips]

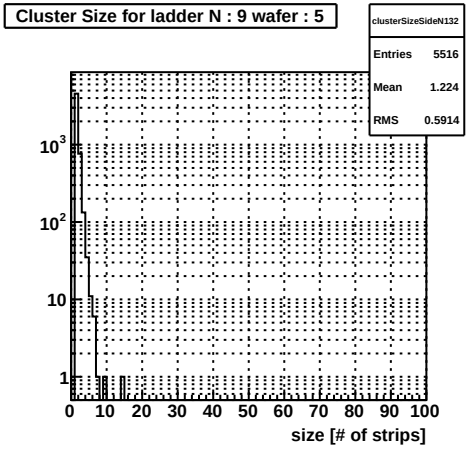

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5722
Mean 1.936
RMS 1.243
size [# of strips]

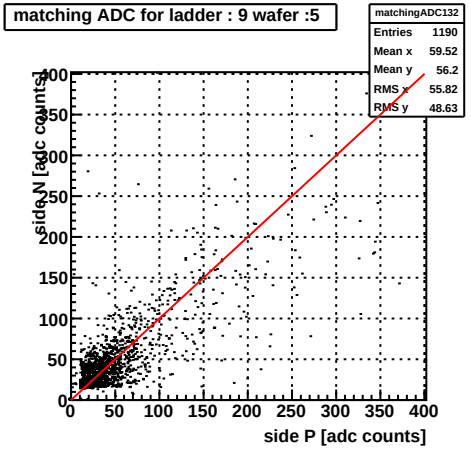

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 915
Mean x 57.71
Mean y 57.45
RMS x 52.52
RMS y 50.74
side N [adc counts]
side P [adc counts]

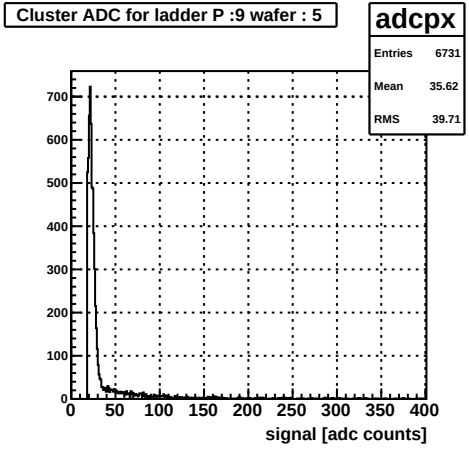

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8917
Mean 32.6
RMS 30.55
signal [adc counts]

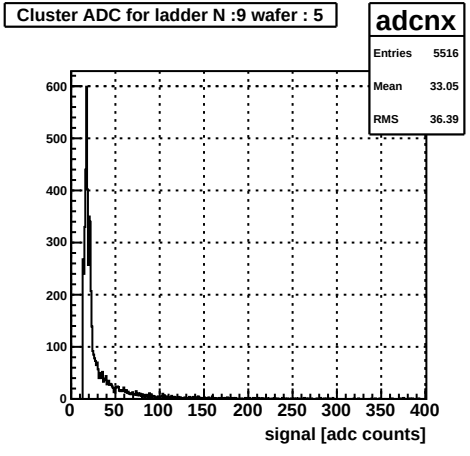

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5722
Mean 48.6
RMS 40.31
signal [adc counts]

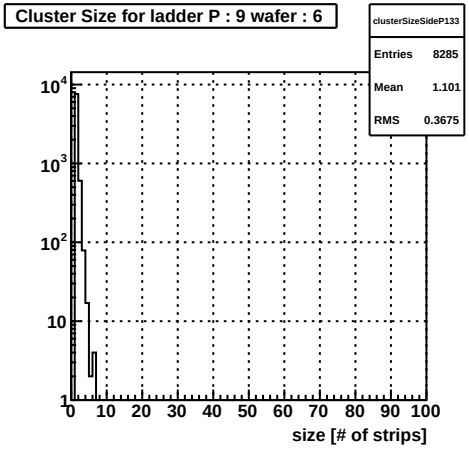

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 6731
Mean 1.094
RMS 0.389
size [# of strips]

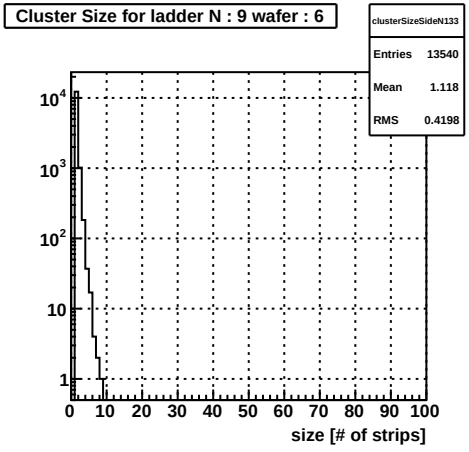

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5516
Mean 1.224
RMS 0.5914
size [# of strips]

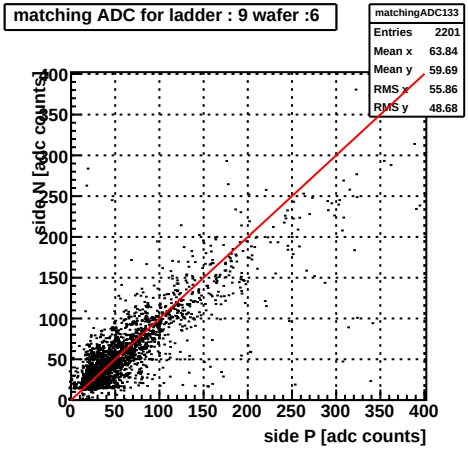

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1190
Mean x 59.52
Mean y 56.2
RMS x 55.82
RMS y 48.63
side N [adc counts]
side P [adc counts]

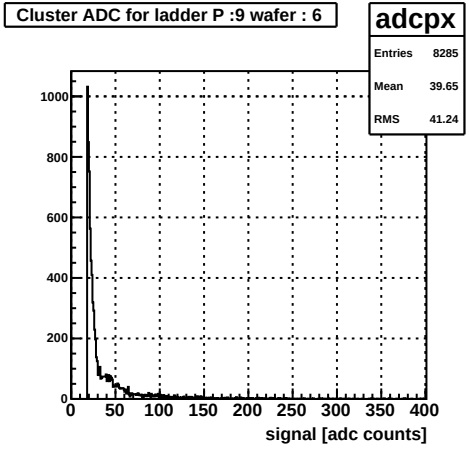

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 6731
Mean 35.62
RMS 39.71
signal [adc counts]

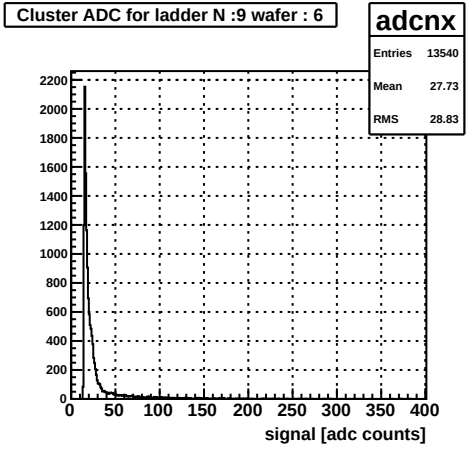

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5516
Mean 33.05
RMS 36.39
signal [adc counts]

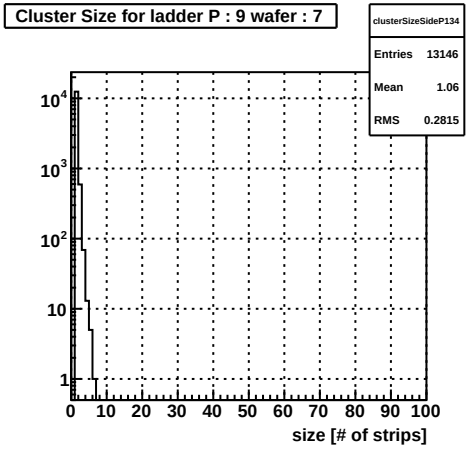

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8285
Mean 1.101
RMS 0.3675
size [# of strips]

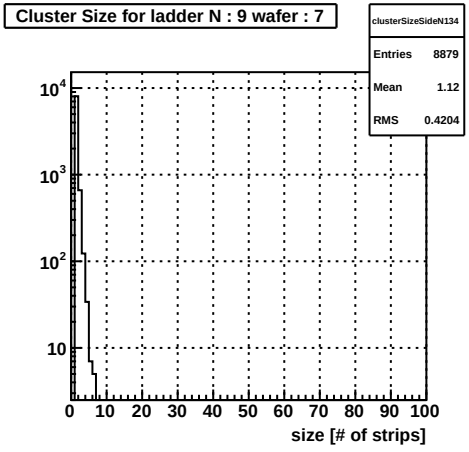

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13540
Mean 1.118
RMS 0.4198
size [# of strips]

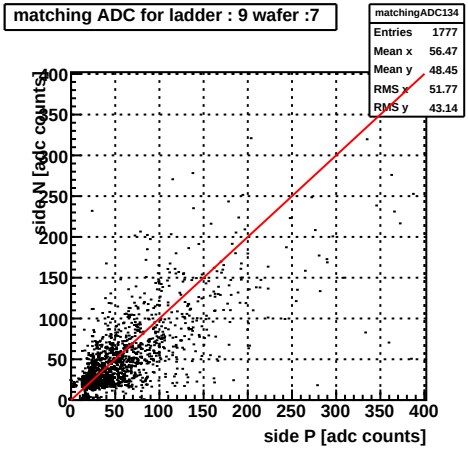

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2201
Mean x 63.84
Mean y 59.69
RMS x 55.86
RMS y 48.68
side N [adc counts]
side P [adc counts]

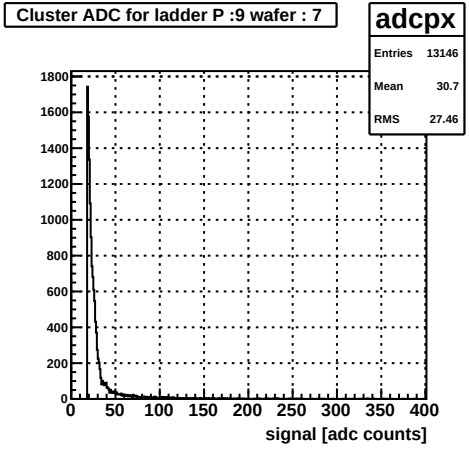

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8285
Mean 39.65
RMS 41.24
signal [adc counts]

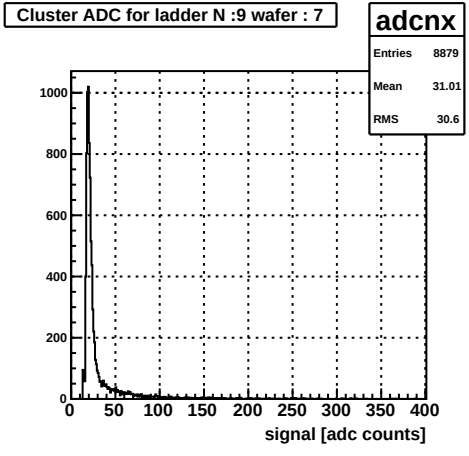

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13540
Mean 27.73
RMS 28.83
signal [adc counts]

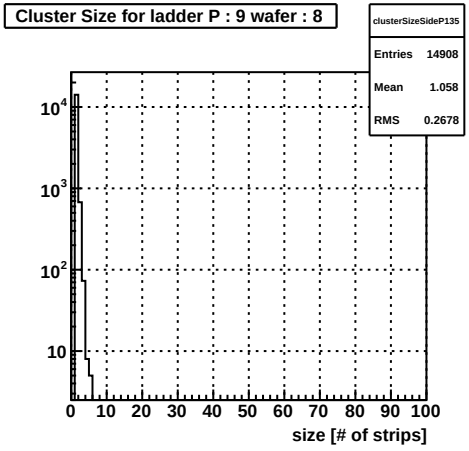

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13146
Mean 1.06
RMS 0.2815
size [# of strips]

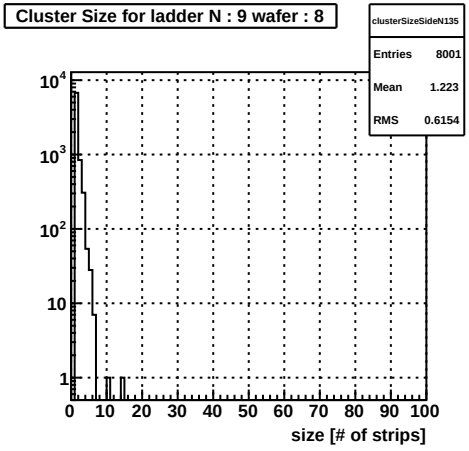

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8879
Mean 1.12
RMS 0.4204
size [# of strips]

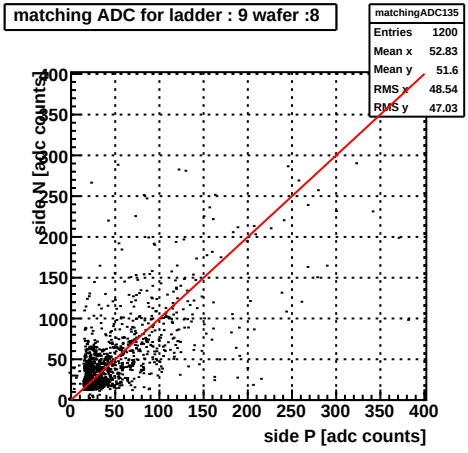

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1777
Mean x 56.47
Mean y 48.45
RMS x 51.77
RMS y 43.14
side N [adc counts]
side P [adc counts]

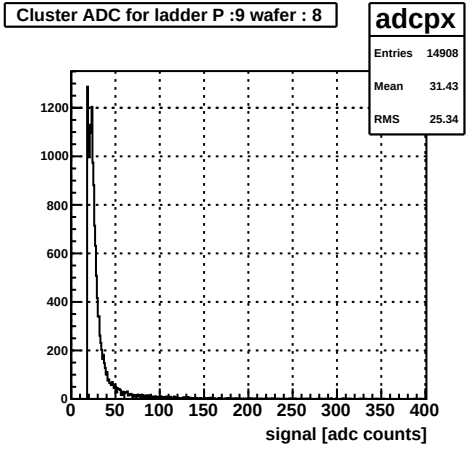

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13146
Mean 30.7
RMS 27.46
signal [adc counts]

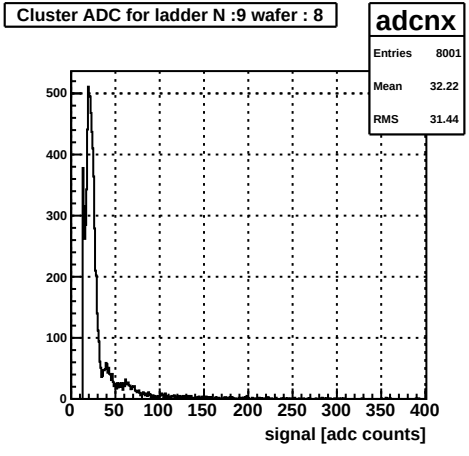

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8879
Mean 31.01
RMS 30.6
signal [adc counts]

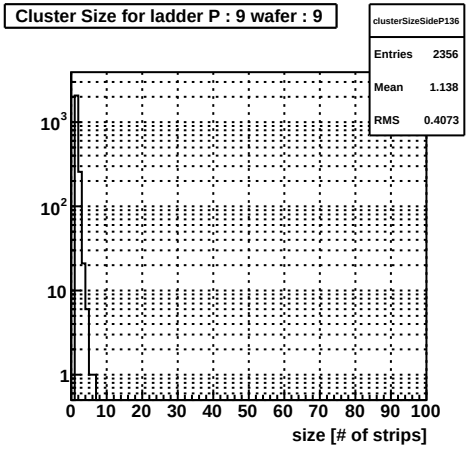

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14908
Mean 1.058
RMS 0.2678
size [# of strips]

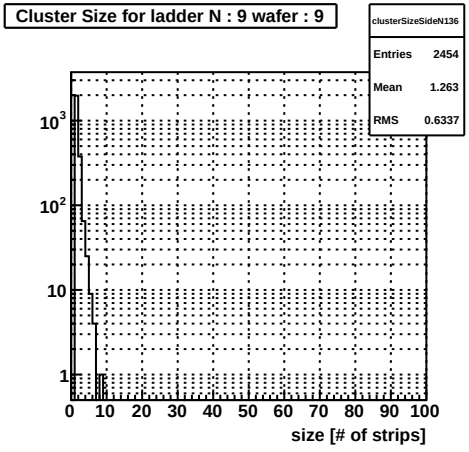

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8001
Mean 1.223
RMS 0.6154
size [# of strips]

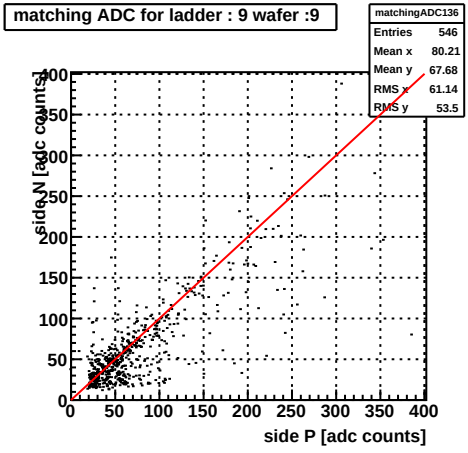

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1200
Mean x 52.83
Mean y 51.6
RMS x 48.54
RMS y 47.03
side N [adc counts]
side P [adc counts]

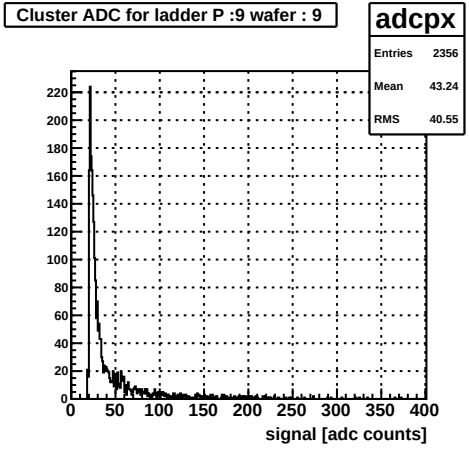

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14908
Mean 31.43
RMS 25.34
signal [adc counts]

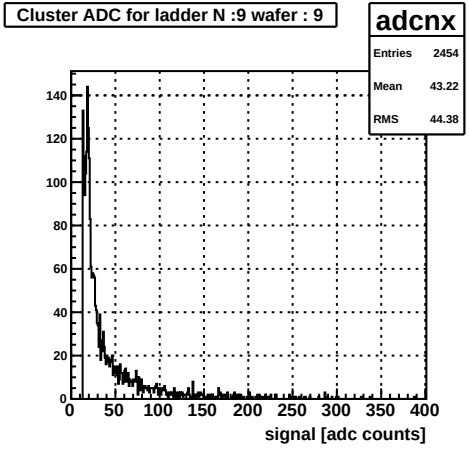

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8001
Mean 32.22
RMS 31.44
signal [adc counts]

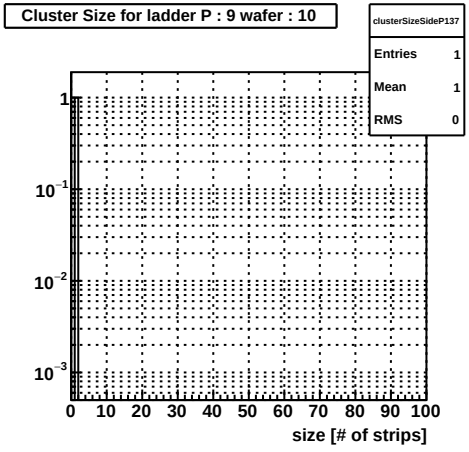

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2356
Mean 1.138
RMS 0.4073
size [# of strips]

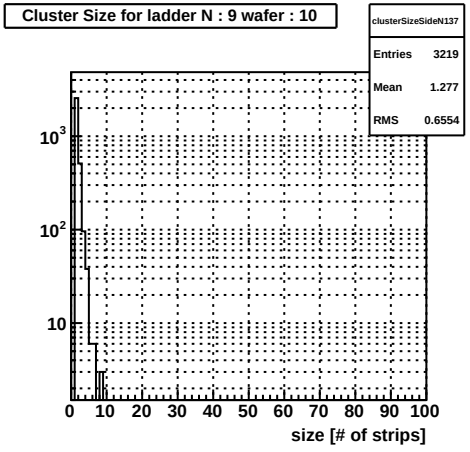

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2454
Mean 1.263
RMS 0.6337
size [# of strips]

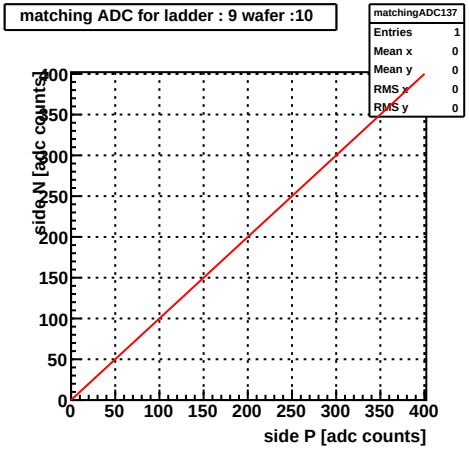

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 546
Mean x 80.21
Mean y 67.68
RMS x 61.14
RMS y 53.5
side N [adc counts]
side P [adc counts]

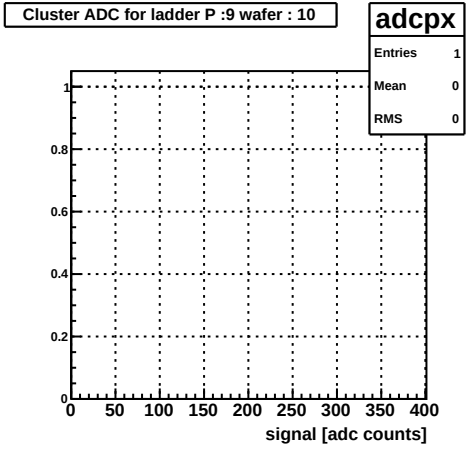

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2356
Mean 43.24
RMS 40.55
signal [adc counts]

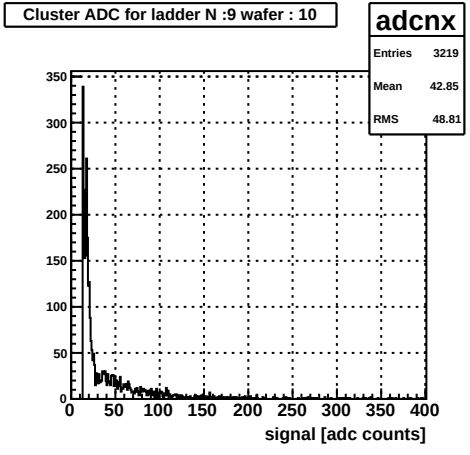

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2454
Mean 43.22
RMS 44.38
signal [adc counts]

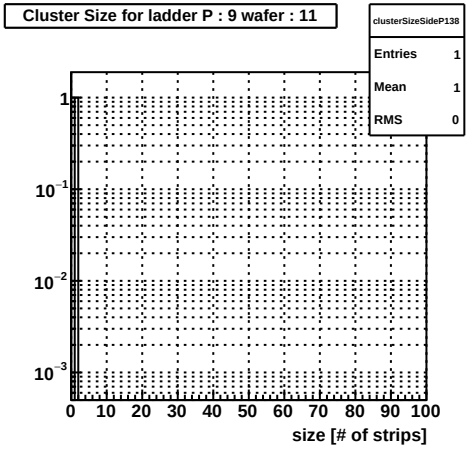

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

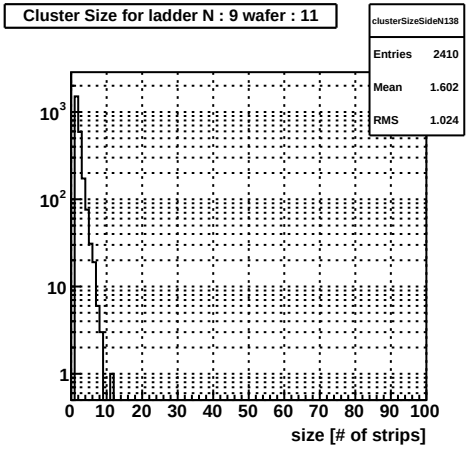

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3219
Mean 1.277
RMS 0.6554
size [# of strips]

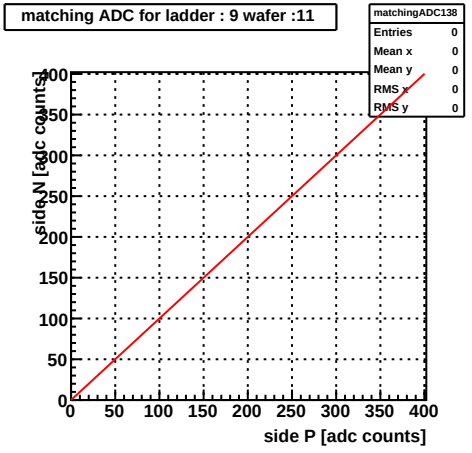

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

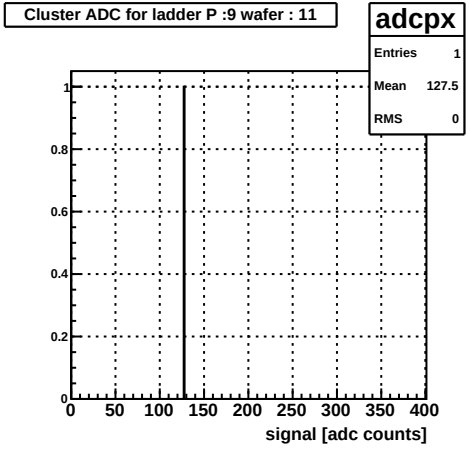

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

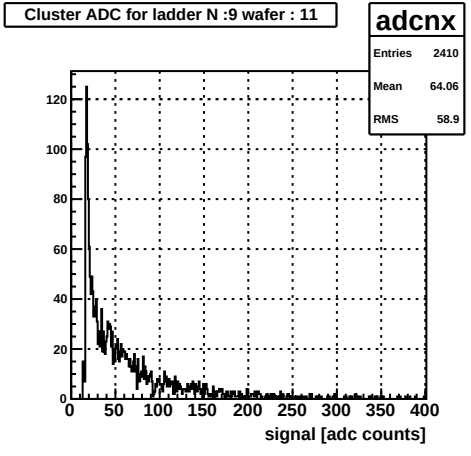

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3219
Mean 42.85
RMS 48.81
signal [adc counts]

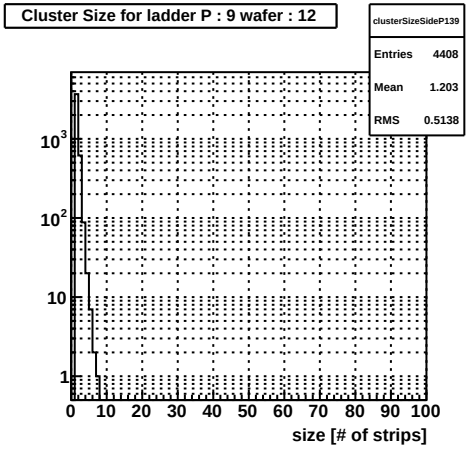

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

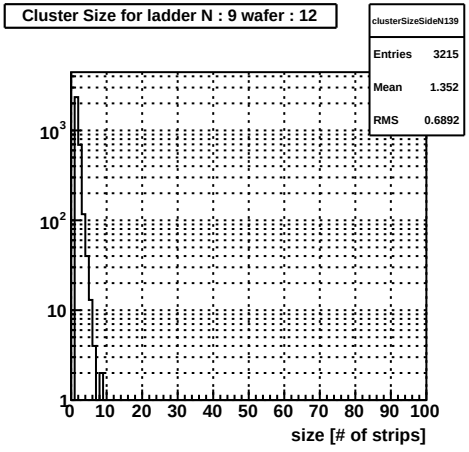

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2410
Mean 1.602
RMS 1.024
size [# of strips]

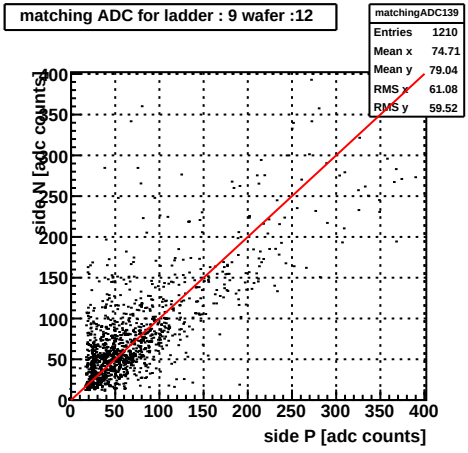

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

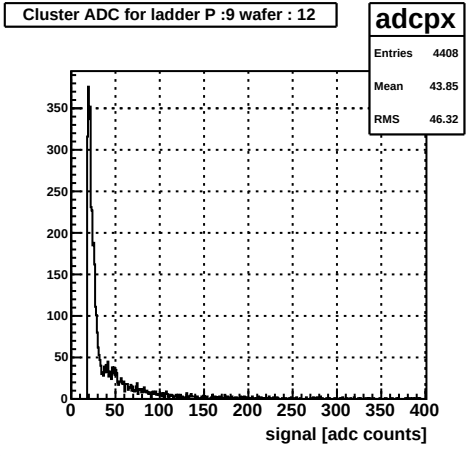

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 127.5
RMS 0
signal [adc counts]

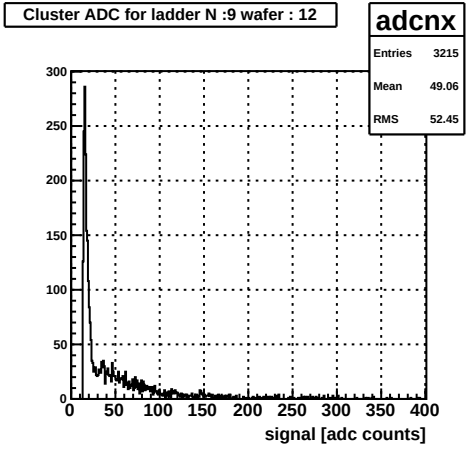

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2410
Mean 64.06
RMS 58.9
signal [adc counts]

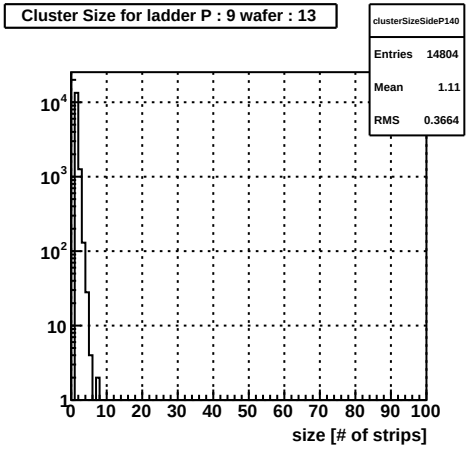

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4408
Mean 1.203
RMS 0.5138
size [# of strips]

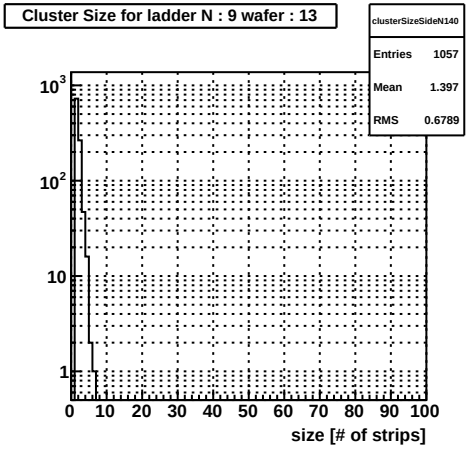

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3215
Mean 1.352
RMS 0.6892
size [# of strips]

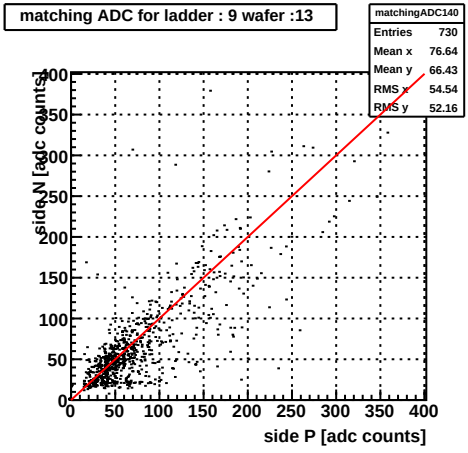

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1210
Mean x 74.71
Mean y 79.04
RMS x 61.08
RMS y 59.52
side N [adc counts]
side P [adc counts]

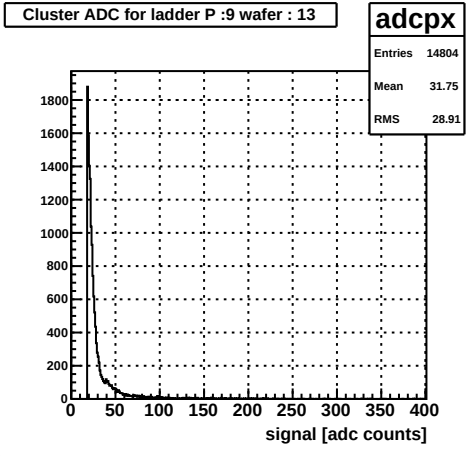

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4408
Mean 43.85
RMS 46.32
signal [adc counts]

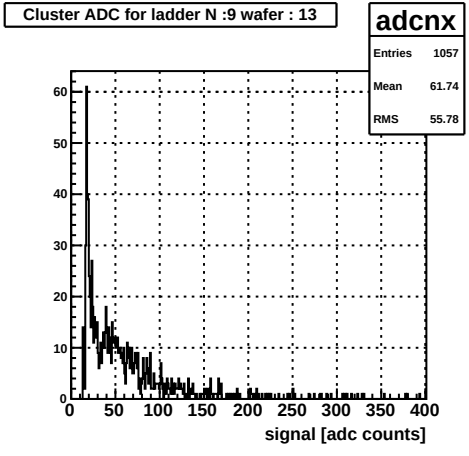

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3215
Mean 49.06
RMS 52.45
signal [adc counts]

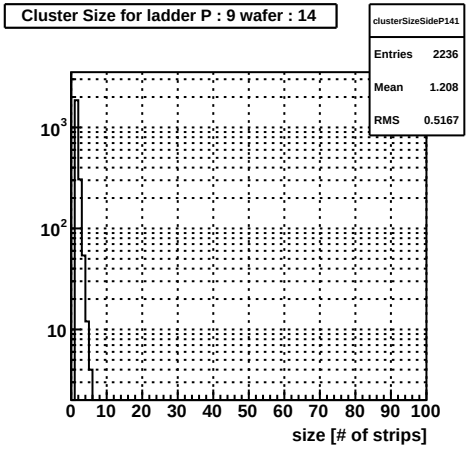

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14804
Mean 1.11
RMS 0.3664
size [# of strips]

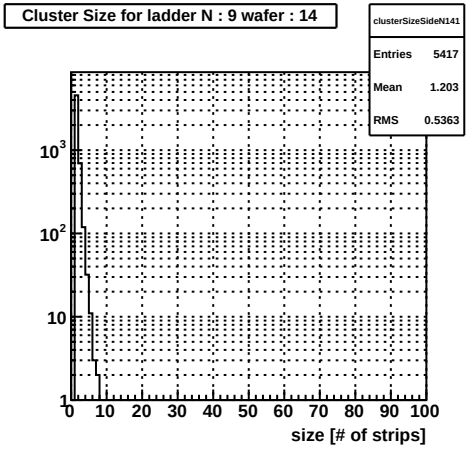

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1057
Mean 1.397
RMS 0.6789
size [# of strips]

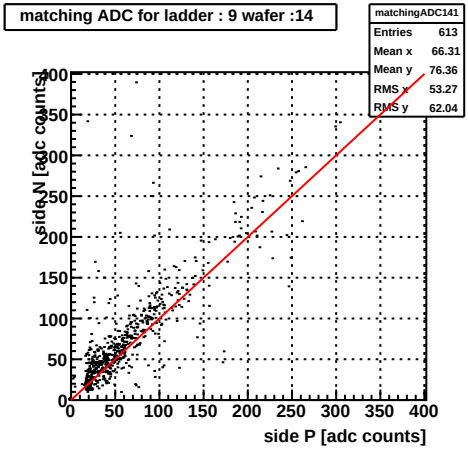

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 730
Mean x 76.64
Mean y 66.43
RMS x 54.54
RMS y 52.16
side N [adc counts]
side P [adc counts]

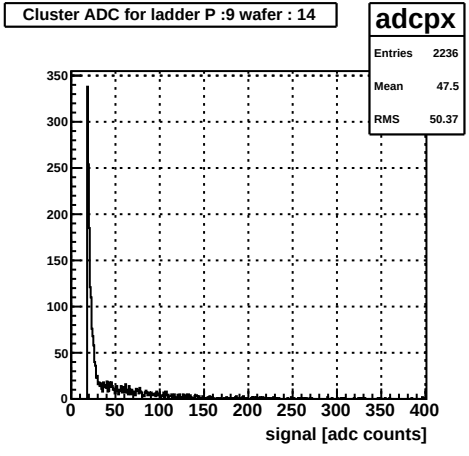

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14804
Mean 31.75
RMS 28.91
signal [adc counts]

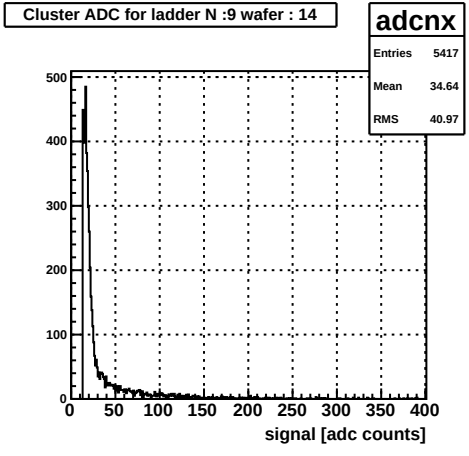

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1057
Mean 61.74
RMS 55.78
signal [adc counts]

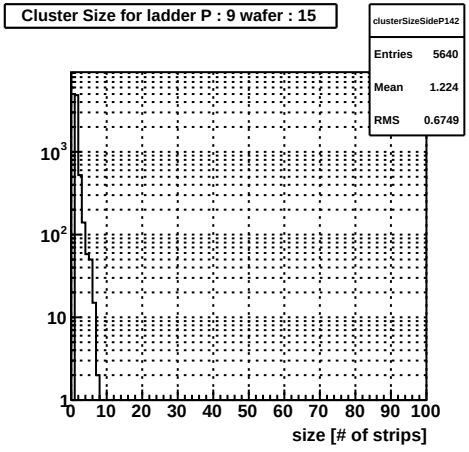

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2236
Mean 1.208
RMS 0.5167
size [# of strips]

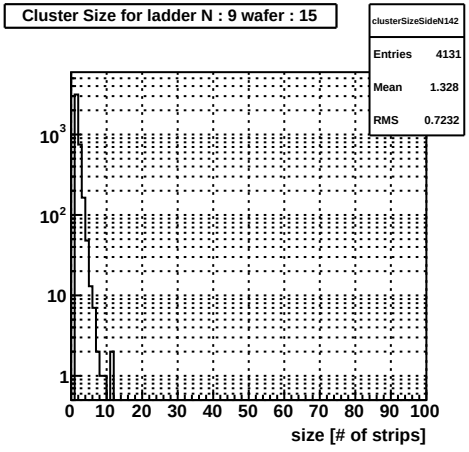

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5417
Mean 1.203
RMS 0.5363
size [# of strips]

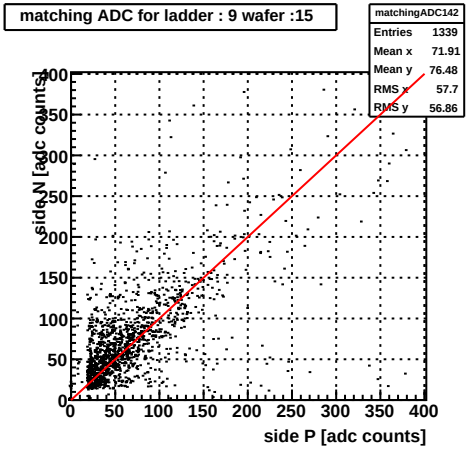

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 613
Mean x 66.31
Mean y 76.36
RMS x 53.27
RMS y 62.04
side N [adc counts]
side P [adc counts]

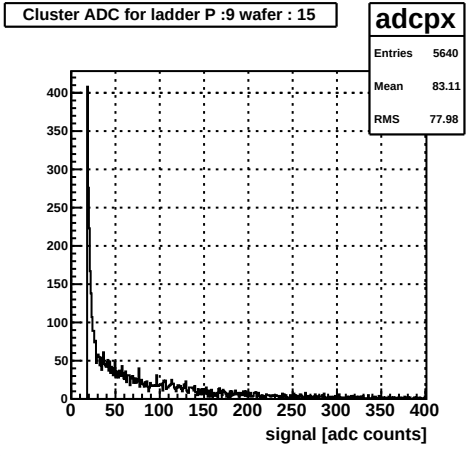

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2236
Mean 47.5
RMS 50.37
signal [adc counts]

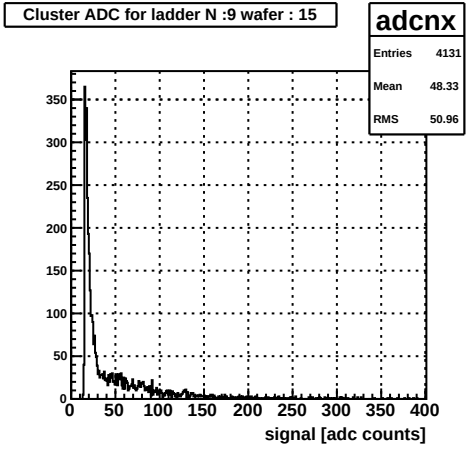

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5417
Mean 34.64
RMS 40.97
signal [adc counts]

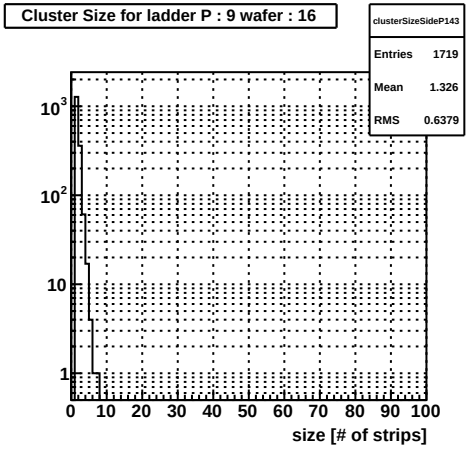

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5640
Mean 1.224
RMS 0.6749
size [# of strips]

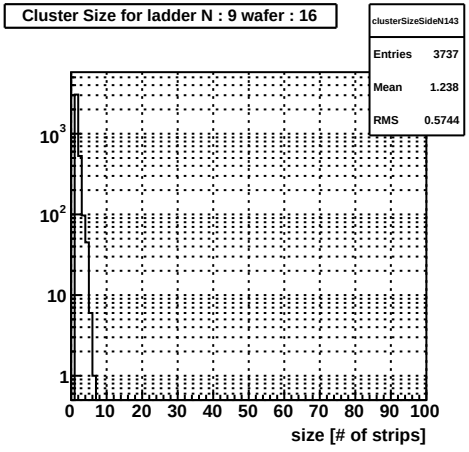

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4131
Mean 1.328
RMS 0.7232
size [# of strips]

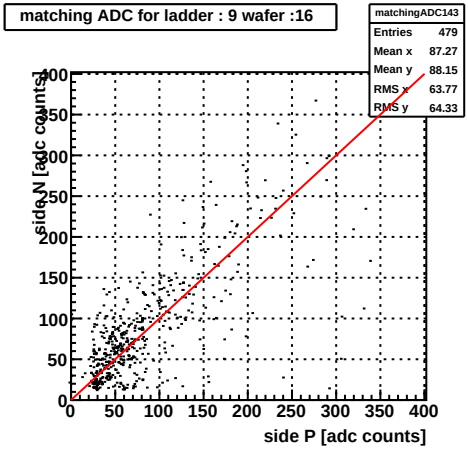

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1339
Mean x 71.91
Mean y 76.48
RMS x 57.7
RMS y 56.86
side N [adc counts]
side P [adc counts]

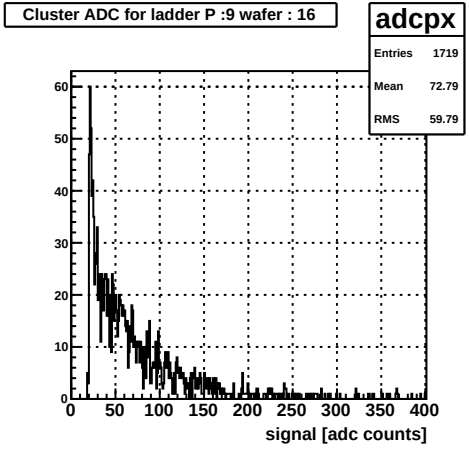

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5640
Mean 83.11
RMS 77.98
signal [adc counts]

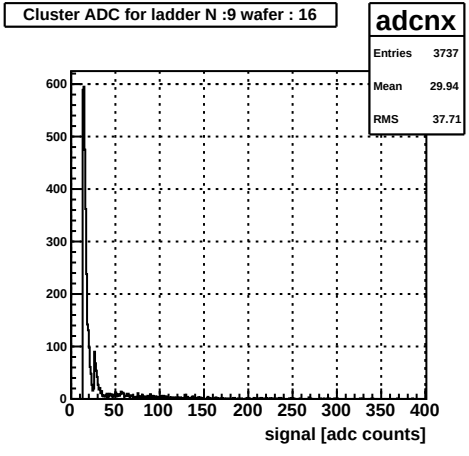

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4131
Mean 48.33
RMS 50.96
signal [adc counts]

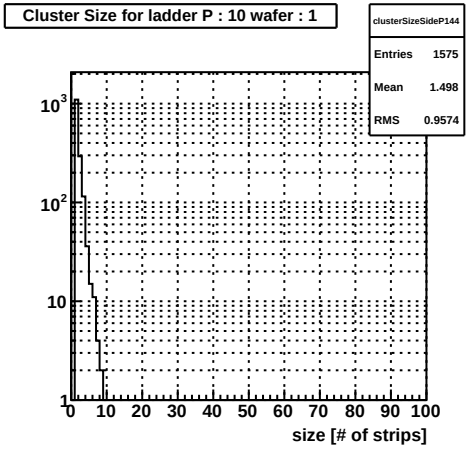

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1719
Mean 1.326
RMS 0.6379
size [# of strips]

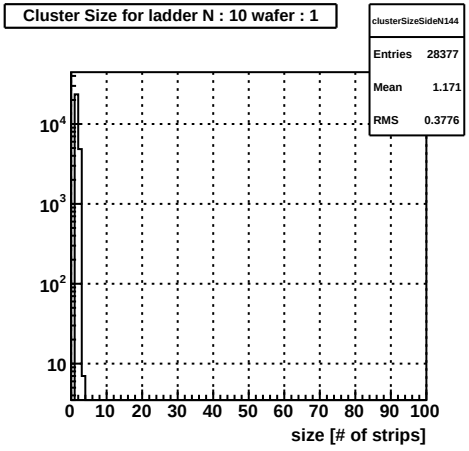

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3737
Mean 1.238
RMS 0.5744
size [# of strips]

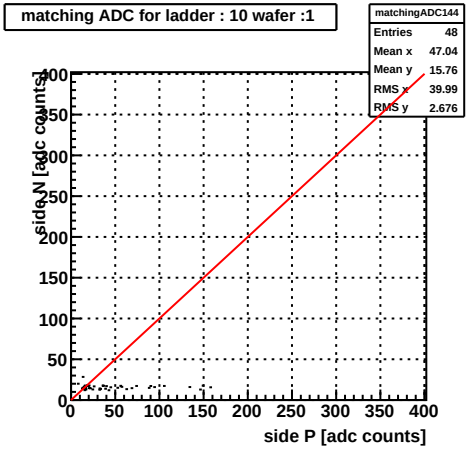

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 479
Mean x 87.27
Mean y 88.15
RMS x 63.77
RMS y 64.33
side N [adc counts]
side P [adc counts]

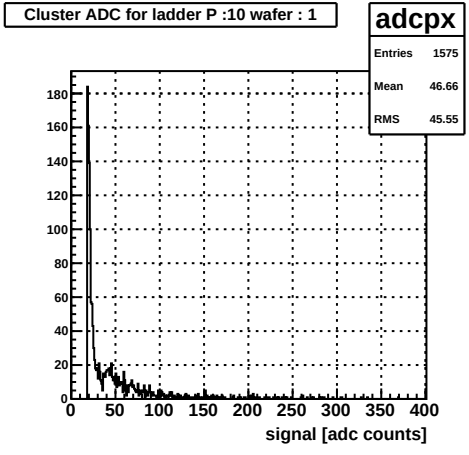

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1719
Mean 72.79
RMS 59.79
signal [adc counts]

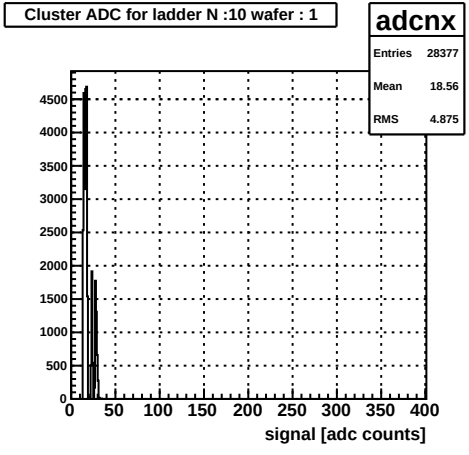

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3737
Mean 29.94
RMS 37.71
signal [adc counts]

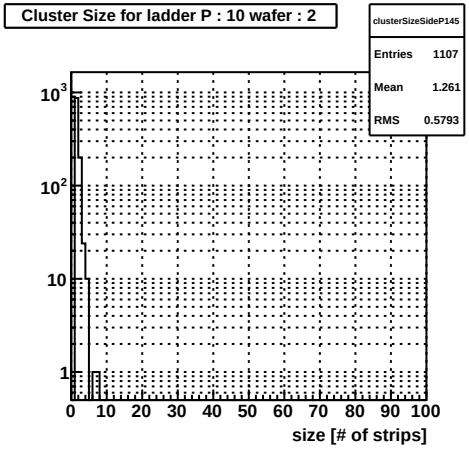

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1575
Mean 1.498
RMS 0.9574
size [# of strips]

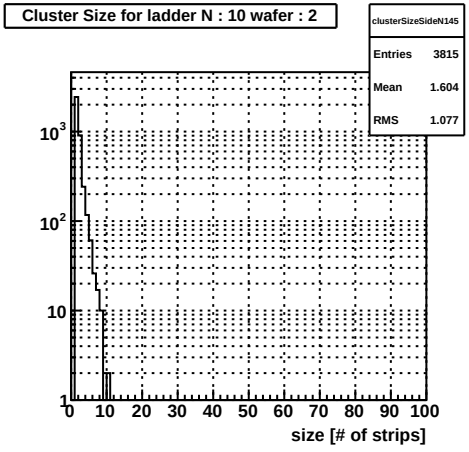

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 28377
Mean 1.171
RMS 0.3776
size [# of strips]

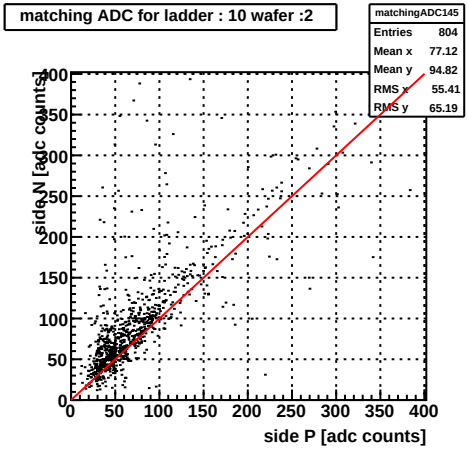

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 48
Mean x 47.04
Mean y 15.76
RMS x 39.99
RMS y 2.676
side N [adc counts]
side P [adc counts]

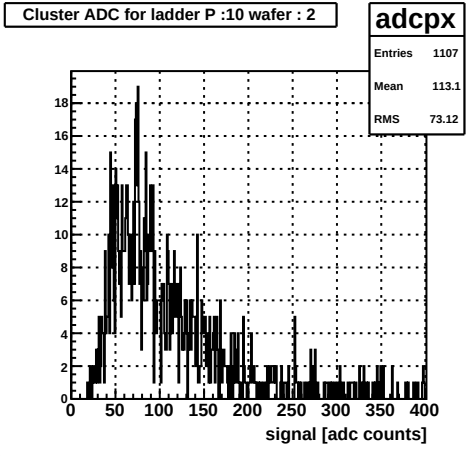

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1575
Mean 46.66
RMS 45.55
signal [adc counts]

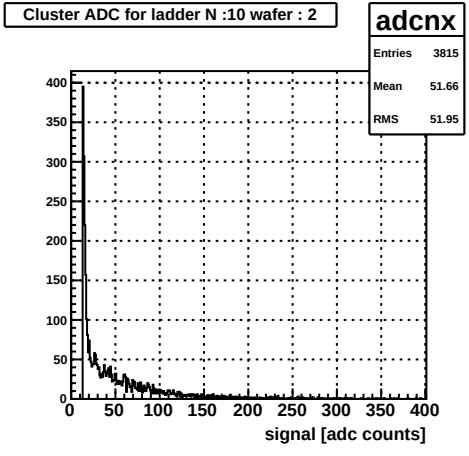

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 28377
Mean 18.56
RMS 4.875
signal [adc counts]

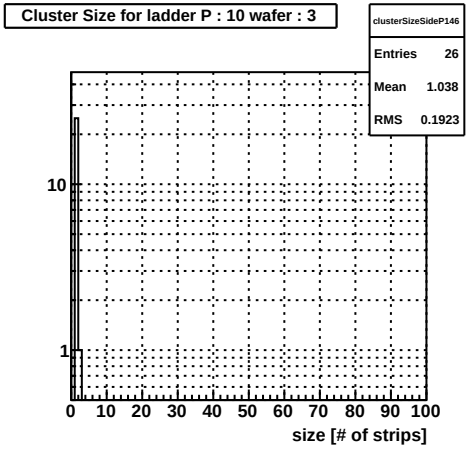

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1107
Mean 1.261
RMS 0.5793
size [# of strips]

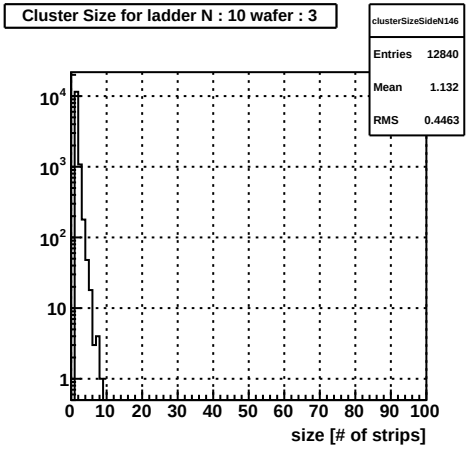

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3815
Mean 1.604
RMS 1.077
size [# of strips]

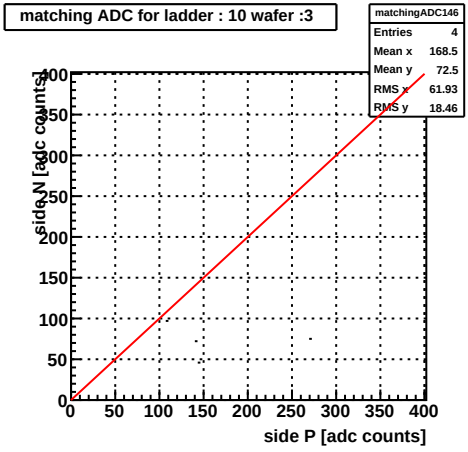

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 804
Mean x 77.12
Mean y 94.82
RMS x 55.41
RMS y 65.19
side N [adc counts]
side P [adc counts]

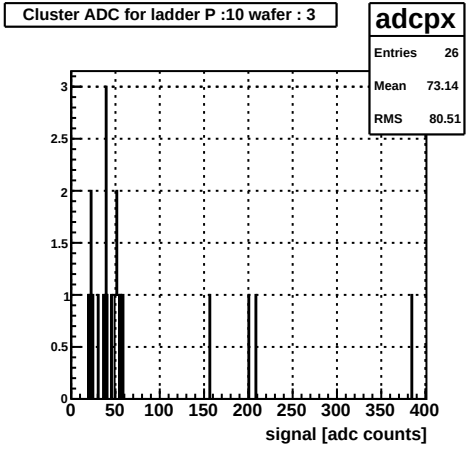

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1107
Mean 113.1
RMS 73.12
signal [adc counts]

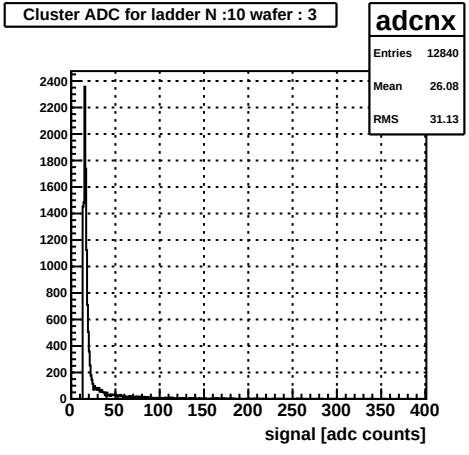

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3815
Mean 51.66
RMS 51.95
signal [adc counts]

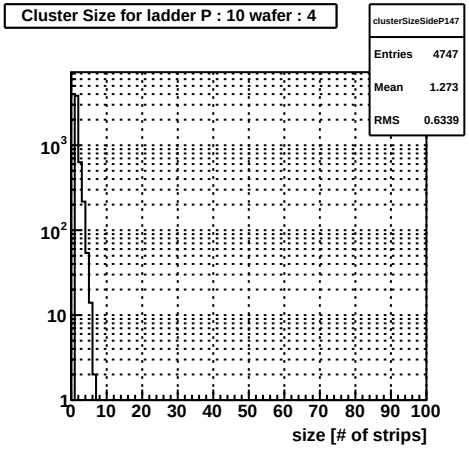

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

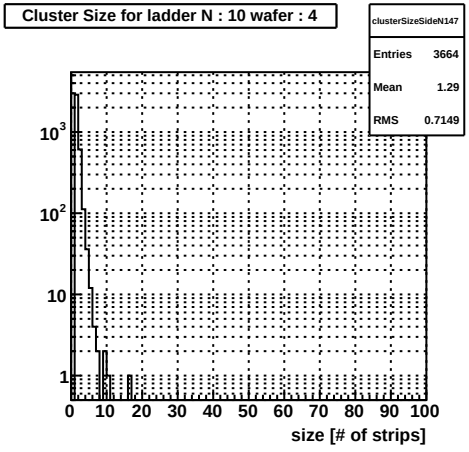

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12840
Mean 1.132
RMS 0.4463
size [# of strips]

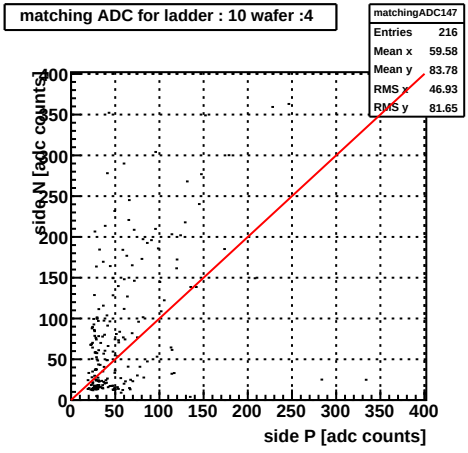

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 168.5
Mean y 72.5
RMS x 61.93
RMS y 18.46
side N [adc counts]
side P [adc counts]

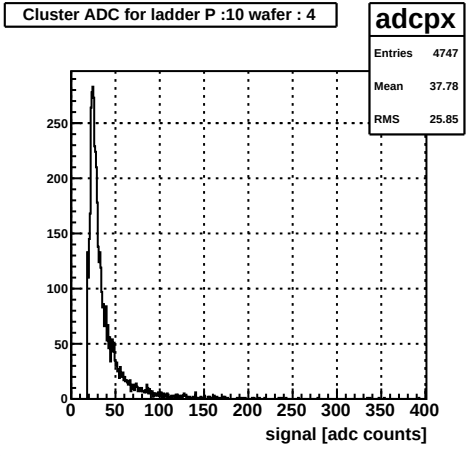

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 26
Mean 73.14
RMS 80.51
signal [adc counts]

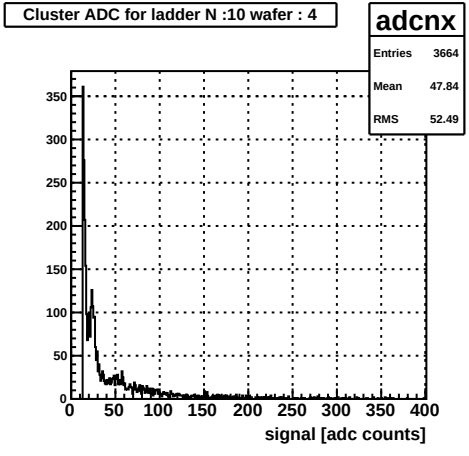

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12840
Mean 26.08
RMS 31.13
signal [adc counts]

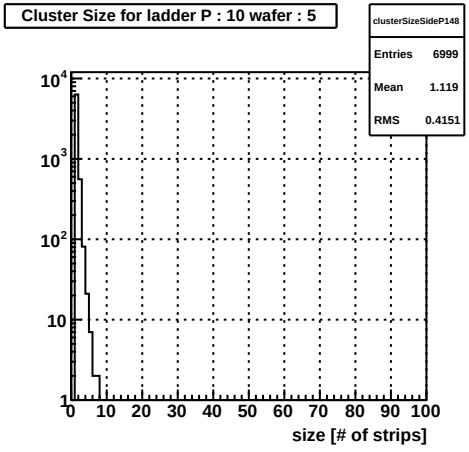

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4747
Mean 1.273
RMS 0.6339
size [# of strips]

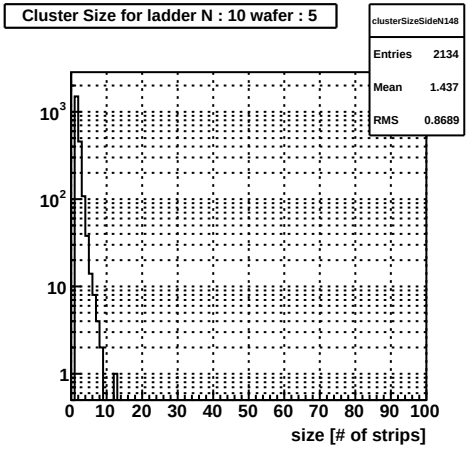

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3664
Mean 1.29
RMS 0.7149
size [# of strips]

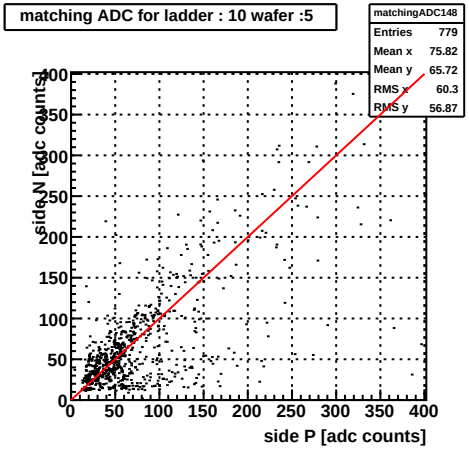

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 216
Mean x 59.58
Mean y 83.78
RMS x 46.93
RMS y 81.65
side N [adc counts]
side P [adc counts]

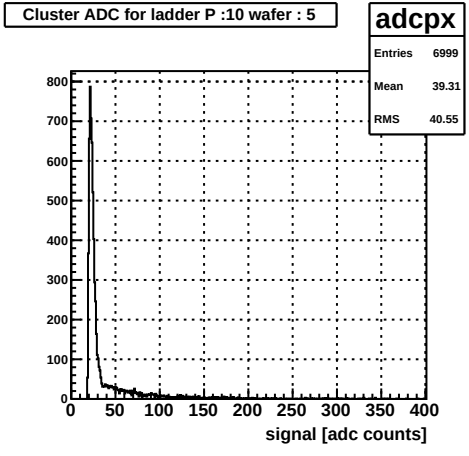

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4747
Mean 37.78
RMS 25.85
signal [adc counts]

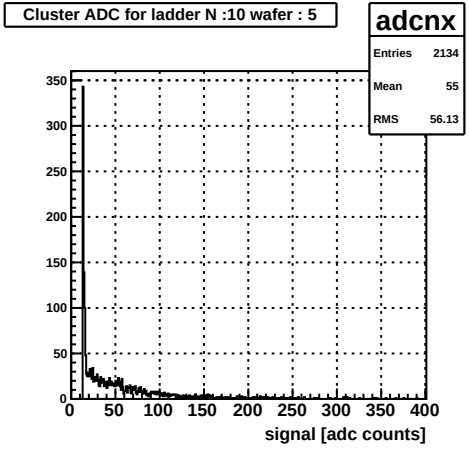

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3664
Mean 47.84
RMS 52.49
signal [adc counts]

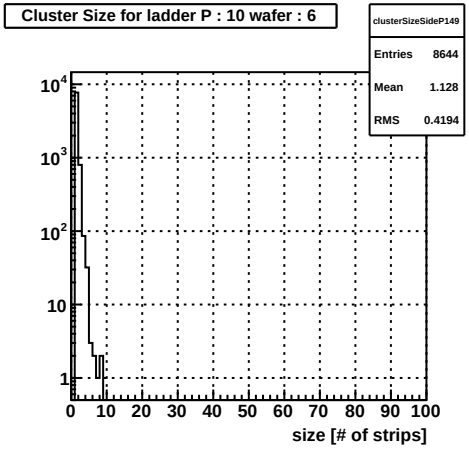

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6999
Mean 1.119
RMS 0.4151
size [# of strips]

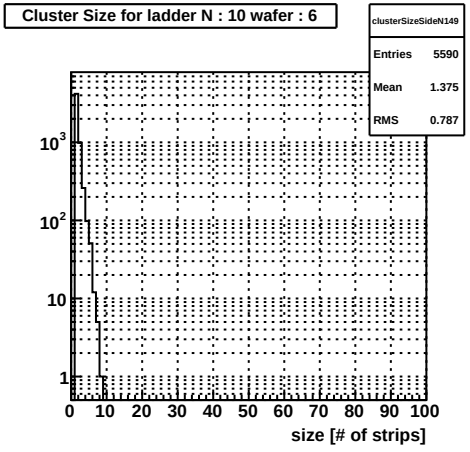

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2134
Mean 1.437
RMS 0.8689
size [# of strips]

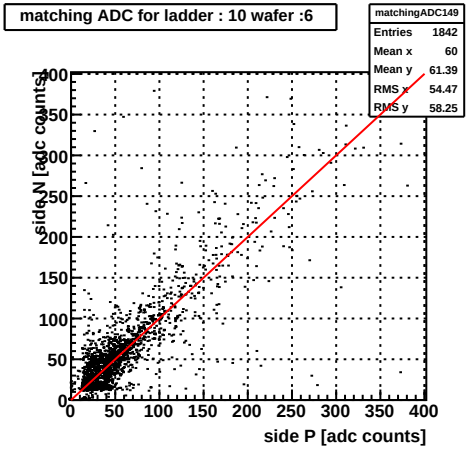

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 779
Mean x 75.82
Mean y 65.72
RMS x 60.3
RMS y 56.87
side N [adc counts]
side P [adc counts]

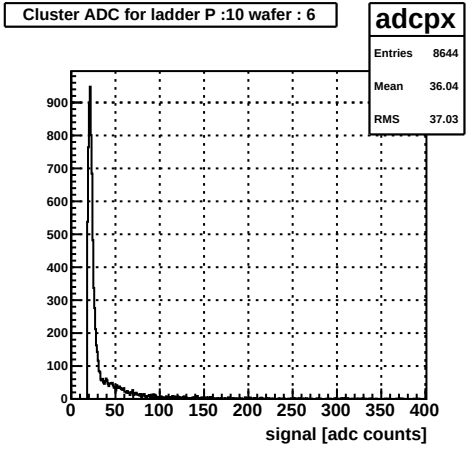

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6999
Mean 39.31
RMS 40.55
signal [adc counts]

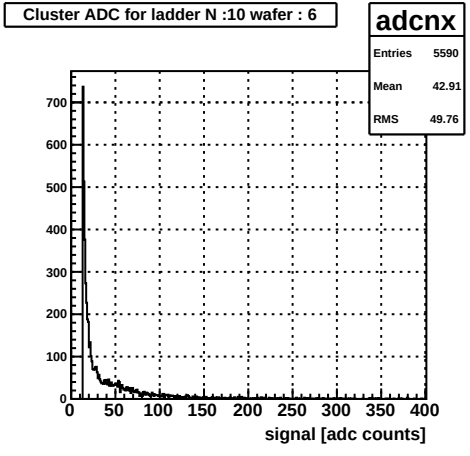

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2134
Mean 55
RMS 56.13
signal [adc counts]

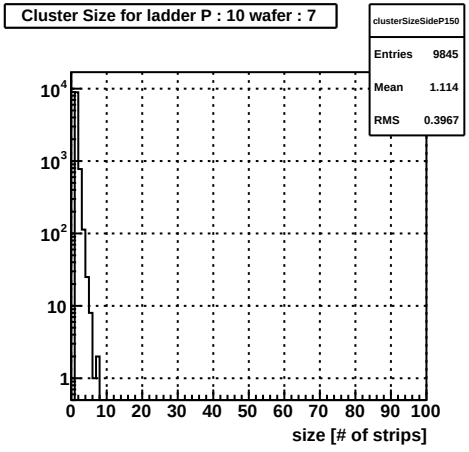

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8644
Mean 1.128
RMS 0.4194
size [# of strips]

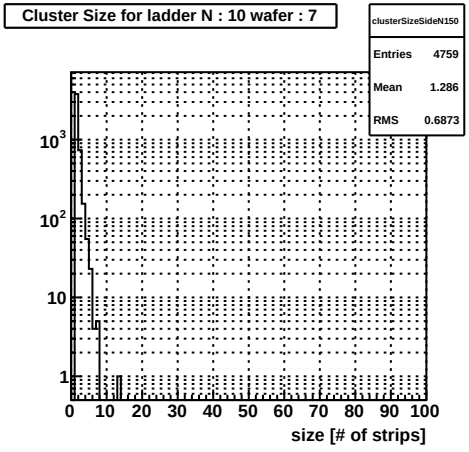

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5590
Mean 1.375
RMS 0.787
size [# of strips]

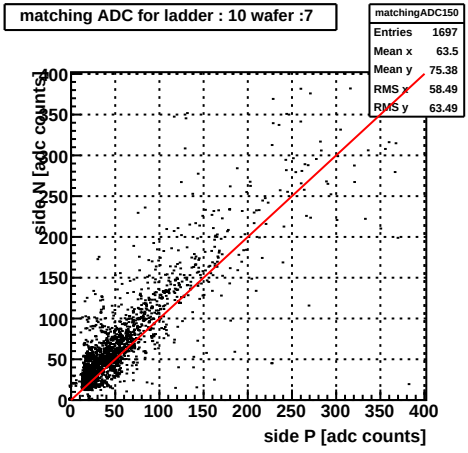

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1842
Mean x 60
Mean y 61.39
RMS x 54.47
RMS y 58.25
side N [adc counts]
side P [adc counts]

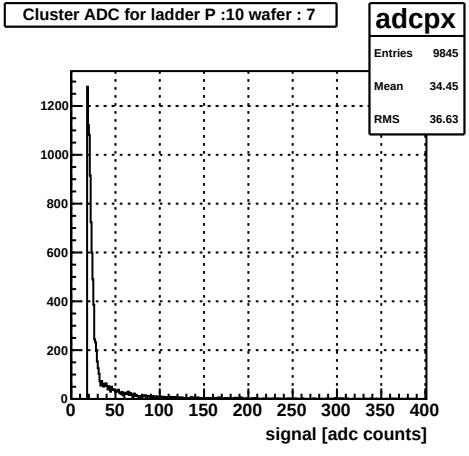

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8644
Mean 36.04
RMS 37.03
signal [adc counts]

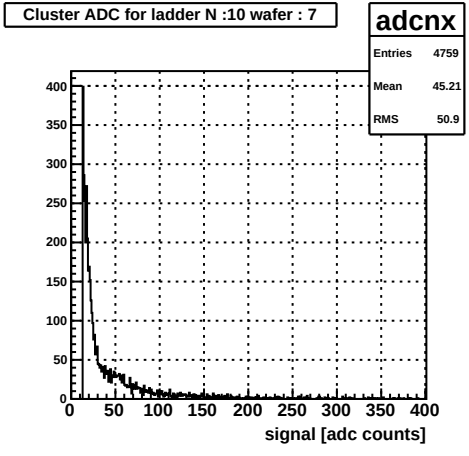

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5590
Mean 42.91
RMS 49.76
signal [adc counts]

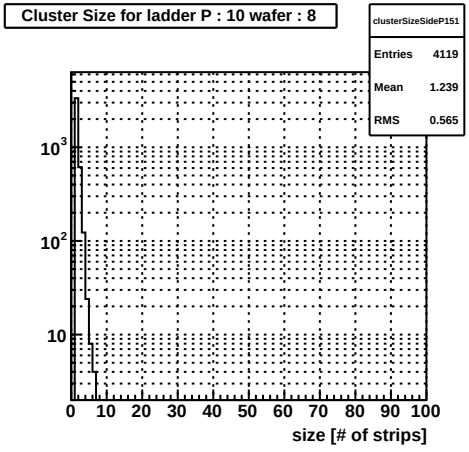

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9845
Mean 1.114
RMS 0.3967
size [# of strips]

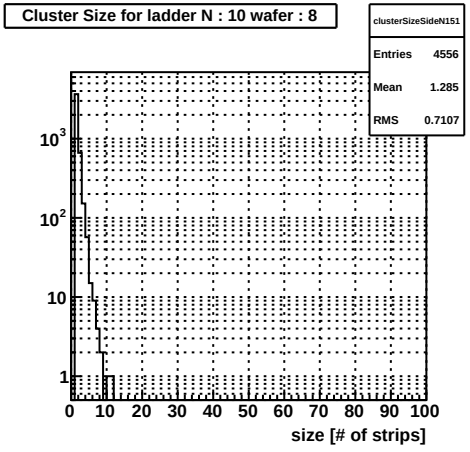

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4759
Mean 1.286
RMS 0.6873
size [# of strips]

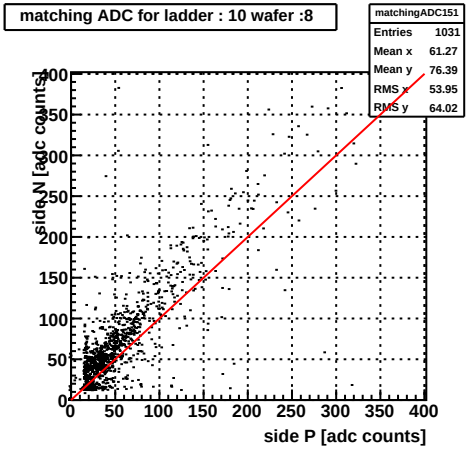

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1697
Mean x 63.5
Mean y 75.38
RMS x 58.49
RMS y 63.49
side N [adc counts]
side P [adc counts]

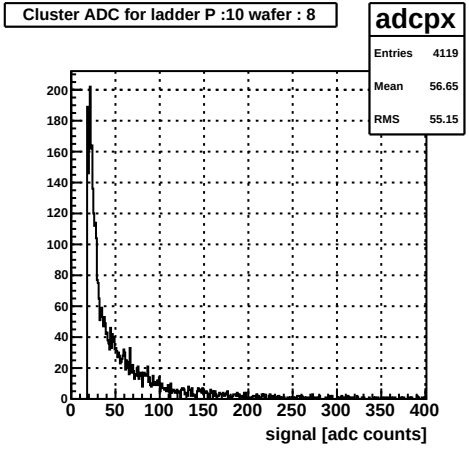

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9845
Mean 34.45
RMS 36.63
signal [adc counts]

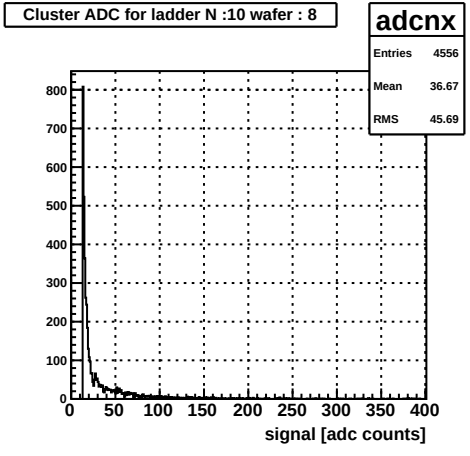

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4759
Mean 45.21
RMS 50.9
signal [adc counts]

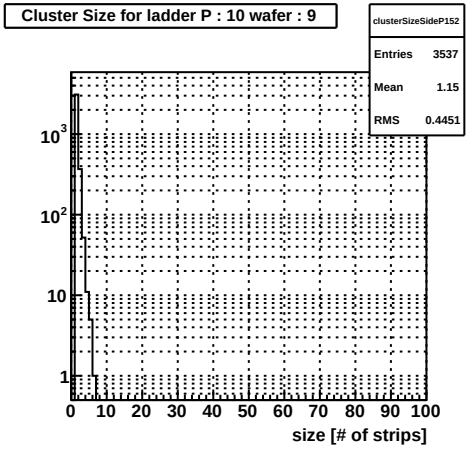

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4119
Mean 1.239
RMS 0.565
size [# of strips]

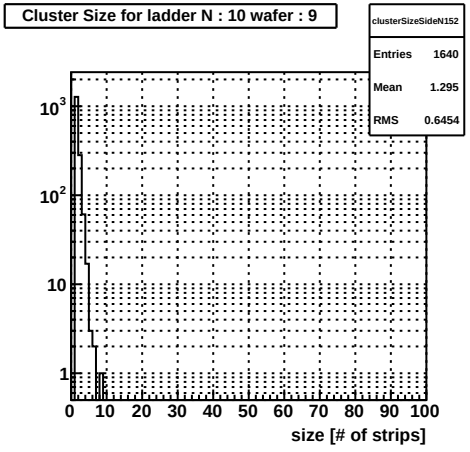

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4556
Mean 1.285
RMS 0.7107
size [# of strips]

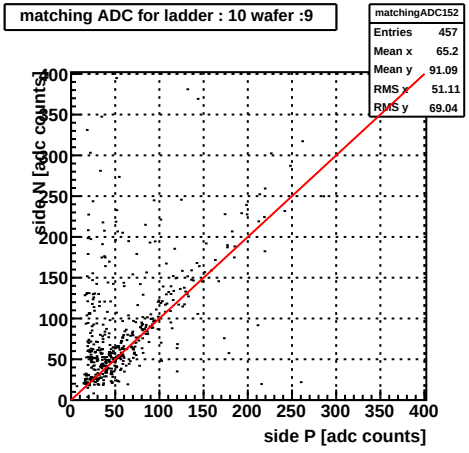

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1031
Mean x 61.27
Mean y 76.39
RMS x 53.95
RMS y 64.02
side N [adc counts]
side P [adc counts]

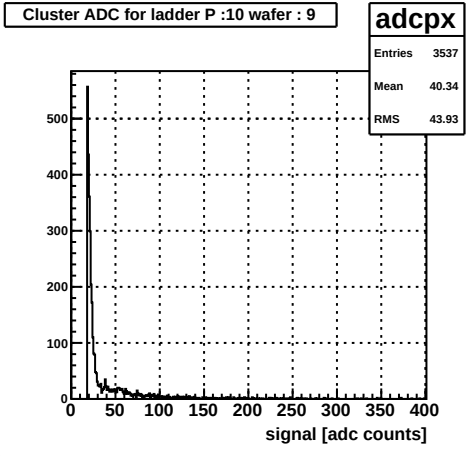

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4119
Mean 56.65
RMS 55.15
signal [adc counts]

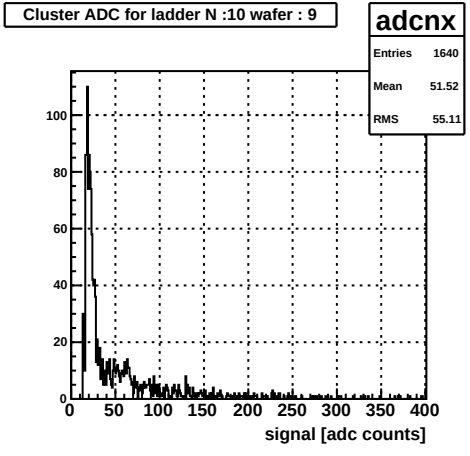

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4556
Mean 36.67
RMS 45.69
signal [adc counts]

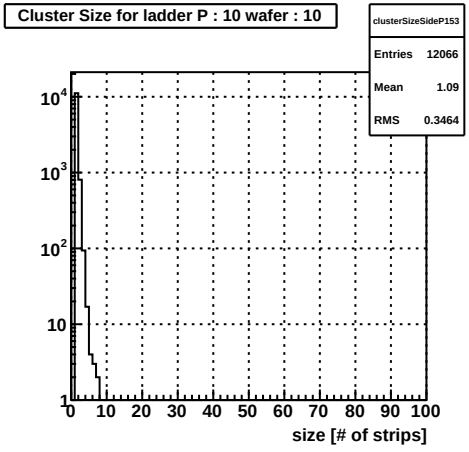

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3537
Mean 1.15
RMS 0.4451
size [# of strips]

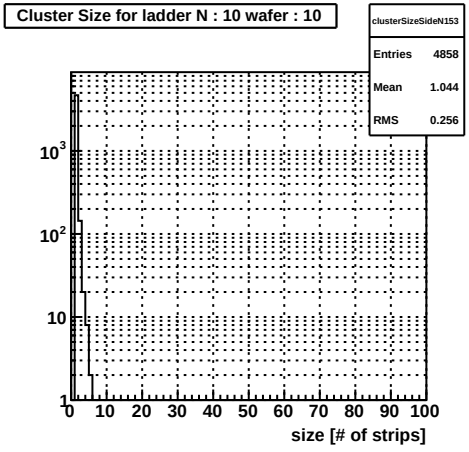

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1640
Mean 1.295
RMS 0.6454
size [# of strips]

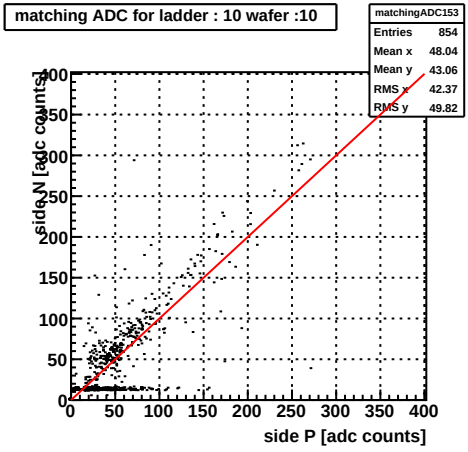

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 457
Mean x 65.2
Mean y 91.09
RMS x 51.11
RMS y 69.04
side N [adc counts]
side P [adc counts]

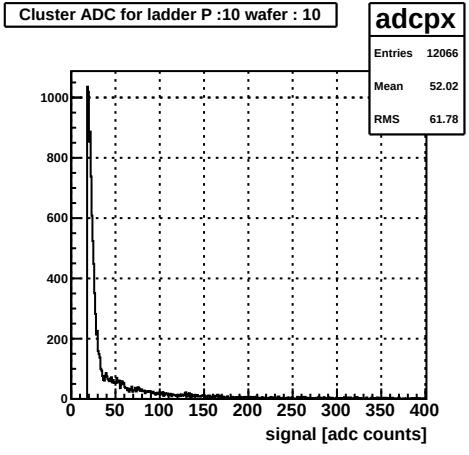

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3537
Mean 40.34
RMS 43.93
signal [adc counts]

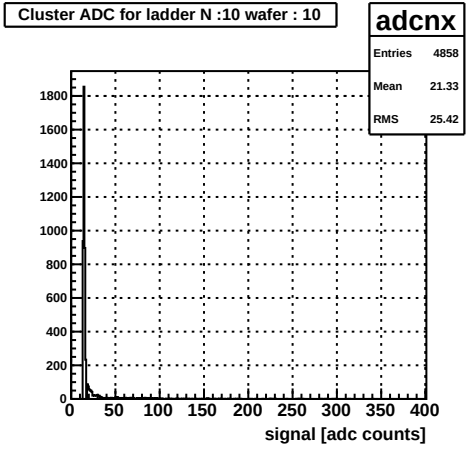

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1640
Mean 51.52
RMS 55.11
signal [adc counts]

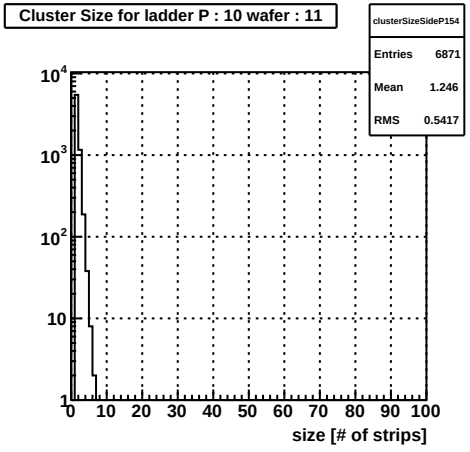

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12066
Mean 1.09
RMS 0.3464
size [# of strips]

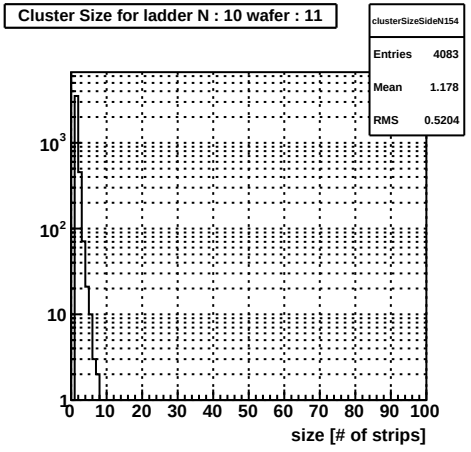

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 4858
Mean 1.044
RMS 0.256
size [# of strips]

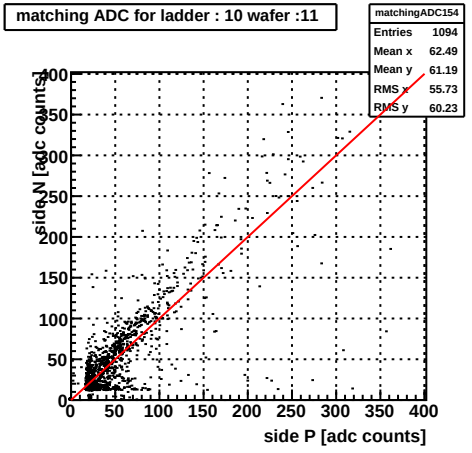

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 854
Mean x 48.04
Mean y 43.06
RMS x 42.37
RMS y 49.82
side N [adc counts]
side P [adc counts]

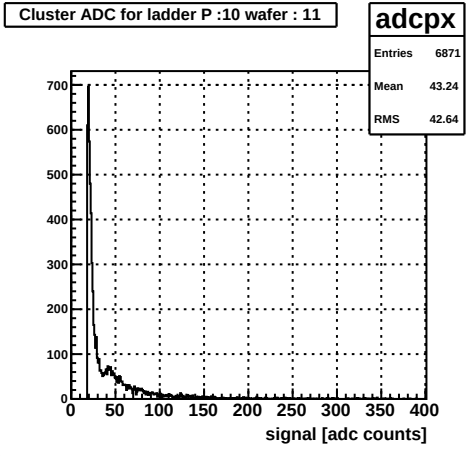

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12066
Mean 52.02
RMS 61.78
signal [adc counts]

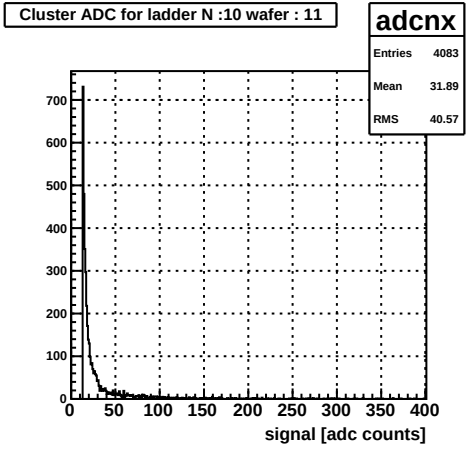

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 4858
Mean 21.33
RMS 25.42
signal [adc counts]

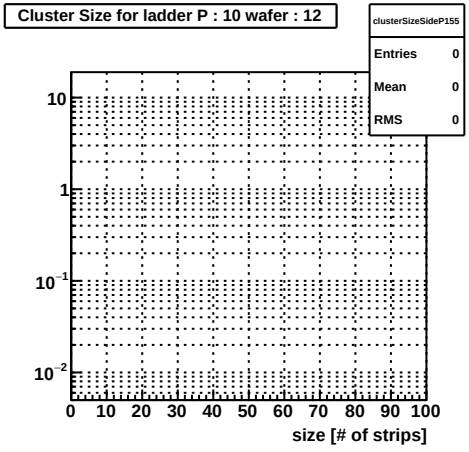

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6871
Mean 1.246
RMS 0.5417
size [# of strips]

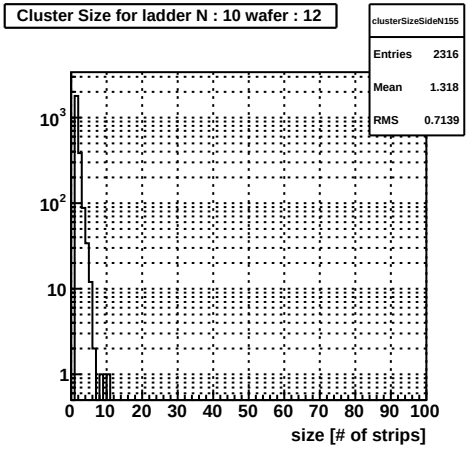

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4083
Mean 1.178
RMS 0.5204
size [# of strips]

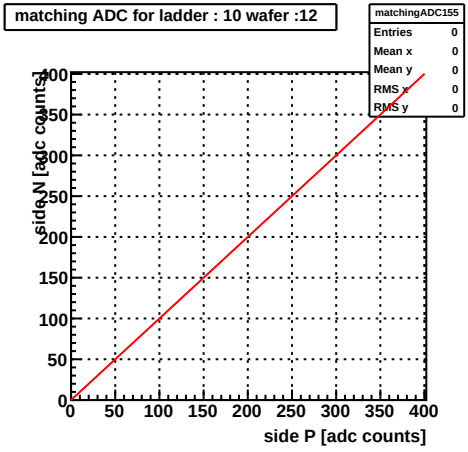

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1094
Mean x 62.49
Mean y 61.19
RMS x 55.73
RMS y 60.23
side N [adc counts]
side P [adc counts]

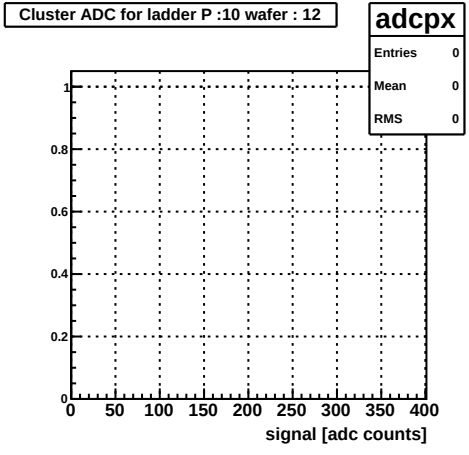

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6871
Mean 43.24
RMS 42.64
signal [adc counts]

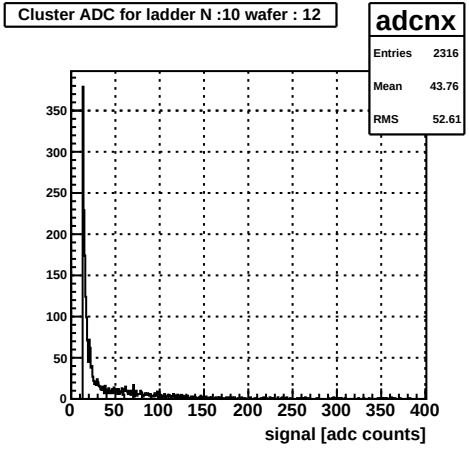

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4083
Mean 31.89
RMS 40.57
signal [adc counts]

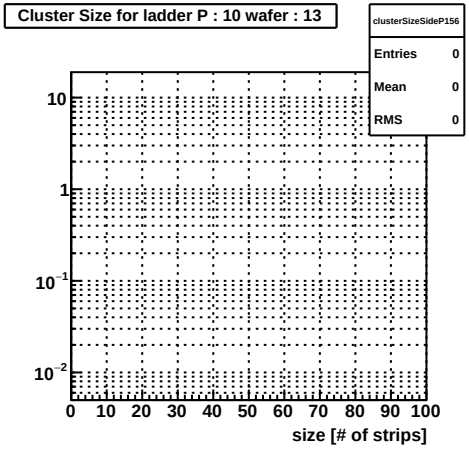

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

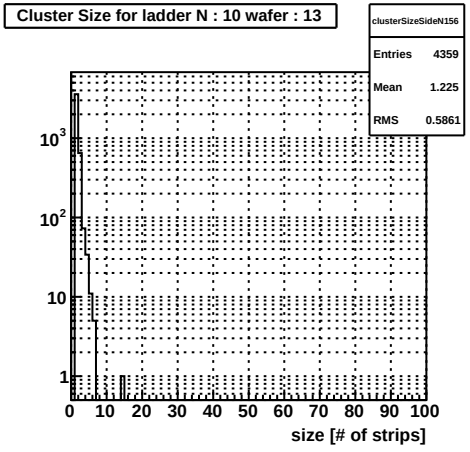

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2316
Mean 1.318
RMS 0.7139
size [# of strips]

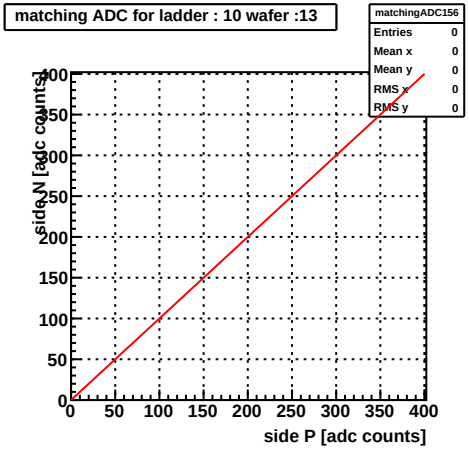

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

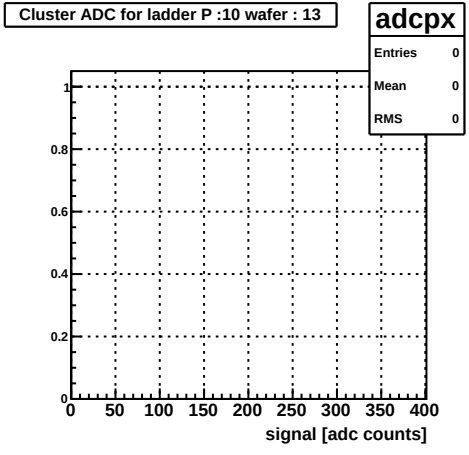

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

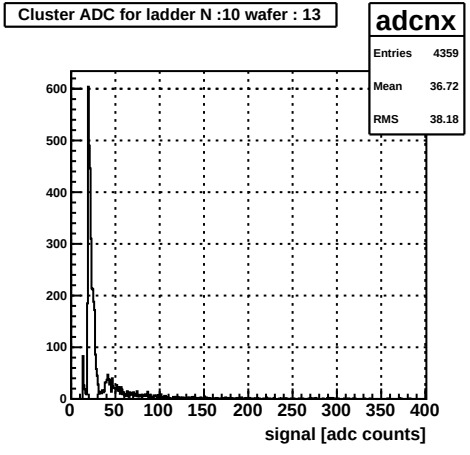

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2316
Mean 43.76
RMS 52.61
signal [adc counts]

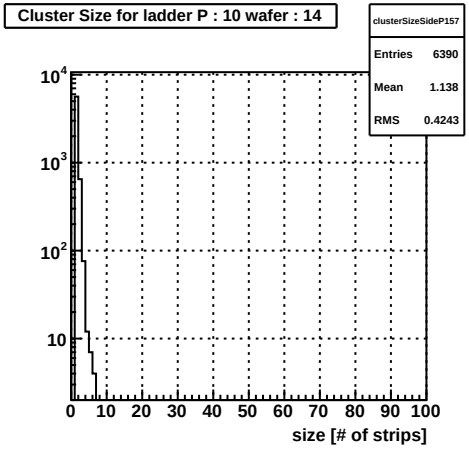

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

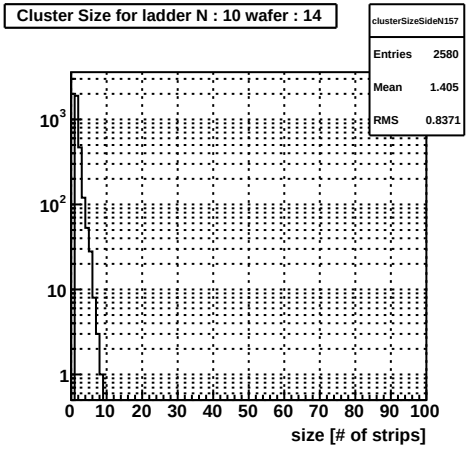

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4359
Mean 1.225
RMS 0.5861
size [# of strips]

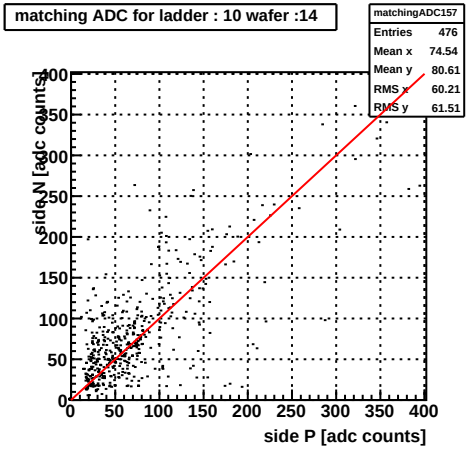

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

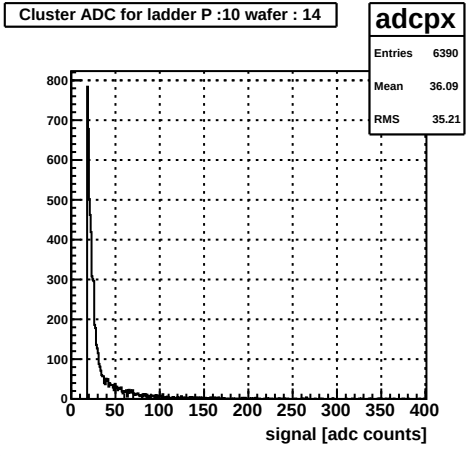

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

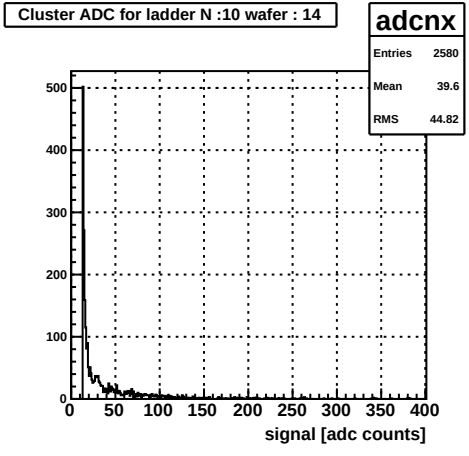

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4359
Mean 36.72
RMS 38.18
signal [adc counts]

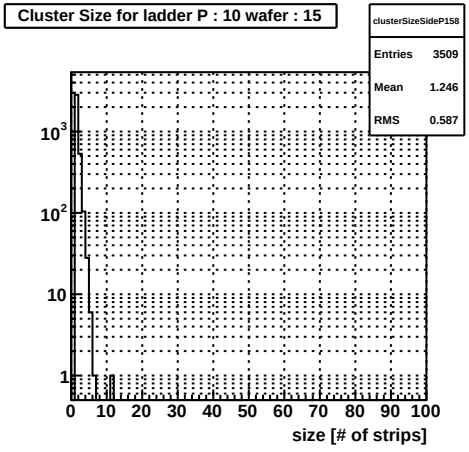

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6390
Mean 1.138
RMS 0.4243
size [# of strips]

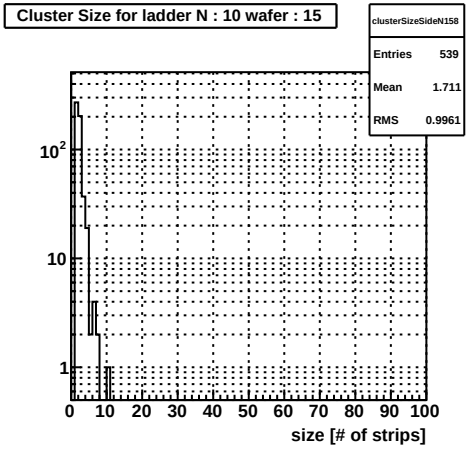

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2580
Mean 1.405
RMS 0.8371
size [# of strips]

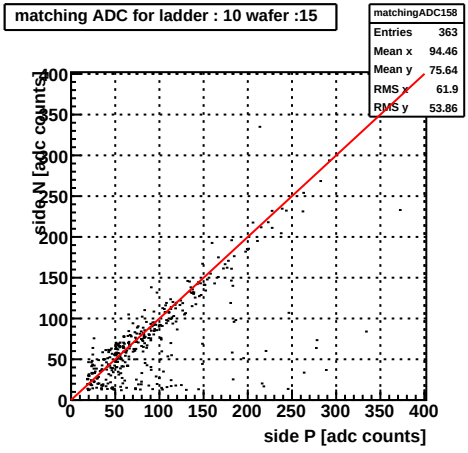

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 476
Mean x 74.54
Mean y 80.61
RMS x 60.21
RMS y 61.51
side N [adc counts]
side P [adc counts]

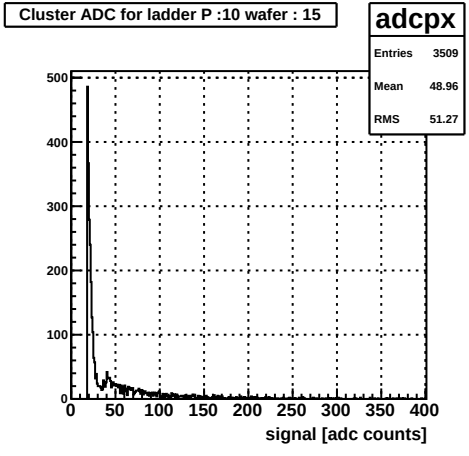

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6390
Mean 36.09
RMS 35.21
signal [adc counts]

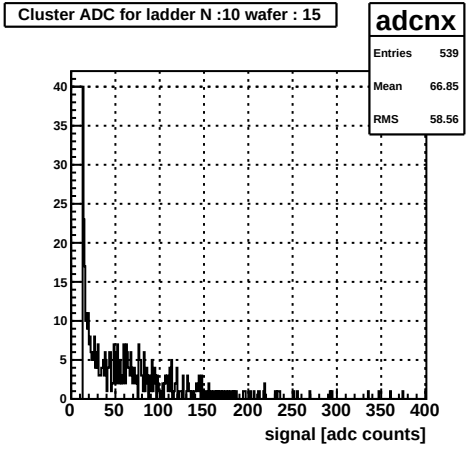

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2580
Mean 39.6
RMS 44.82
signal [adc counts]

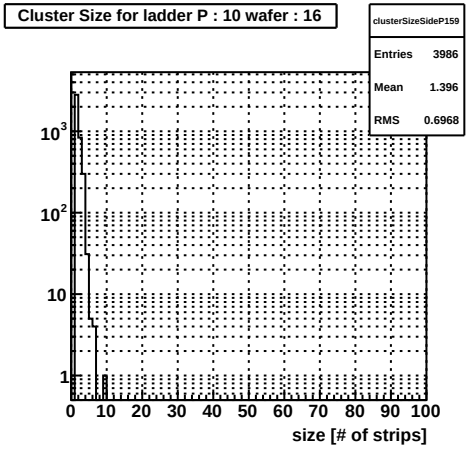

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3509
Mean 1.246
RMS 0.587
size [# of strips]

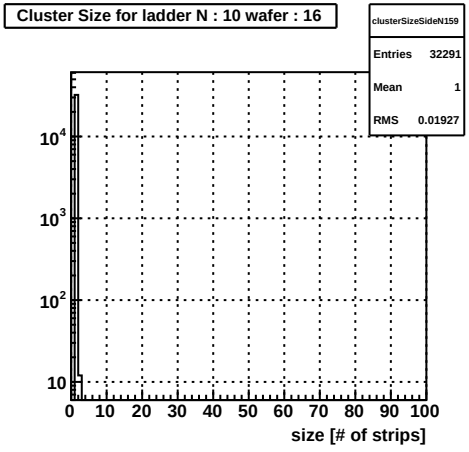

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 539
Mean 1.711
RMS 0.9961
size [# of strips]

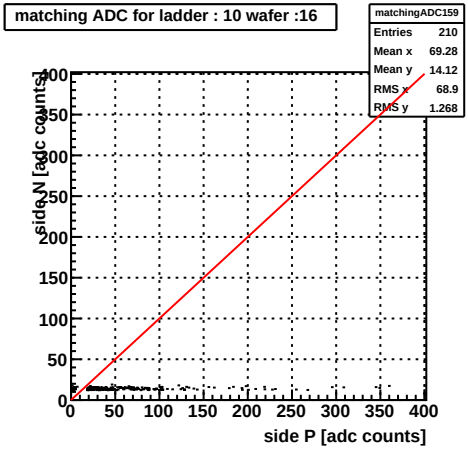

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 363
Mean x 94.46
Mean y 75.64
RMS x 61.9
RMS y 53.86
side N [adc counts]
side P [adc counts]

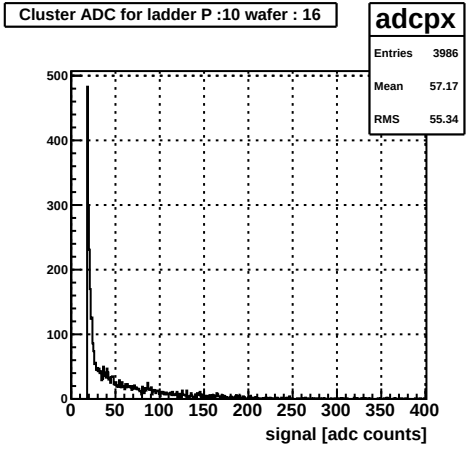

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3509
Mean 48.96
RMS 51.27
signal [adc counts]

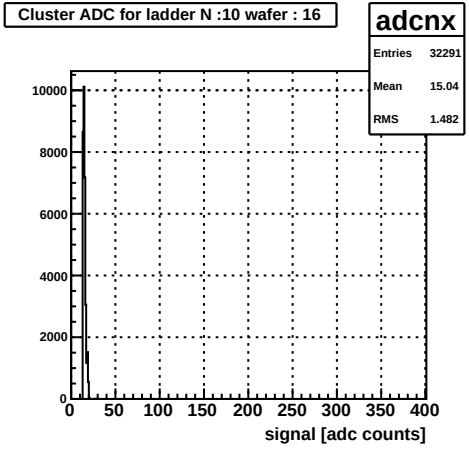

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 539
Mean 66.85
RMS 58.56
signal [adc counts]

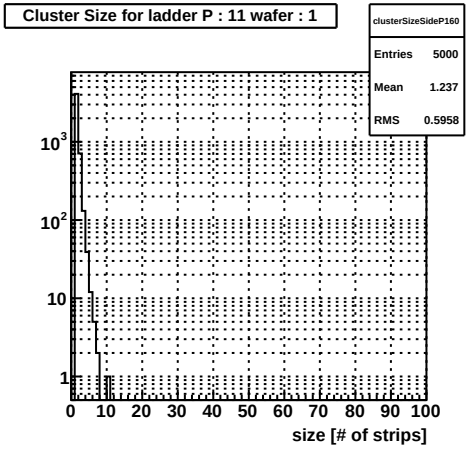

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3986
Mean 1.396
RMS 0.6968
size [# of strips]

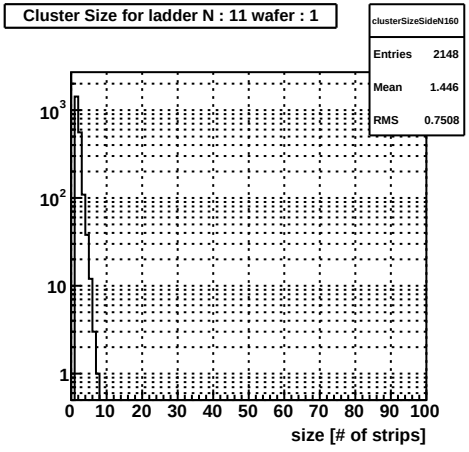

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 32291
Mean 1
RMS 0.01927
size [# of strips]

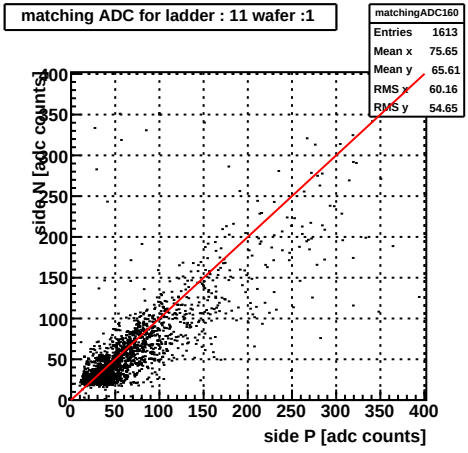

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 210
Mean x 69.28
Mean y 14.12
RMS x 68.9
RMS y 1.268
side N [adc counts]
side P [adc counts]

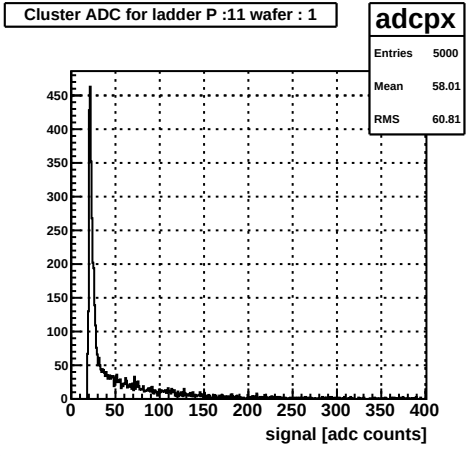

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3986
Mean 57.17
RMS 55.34
signal [adc counts]

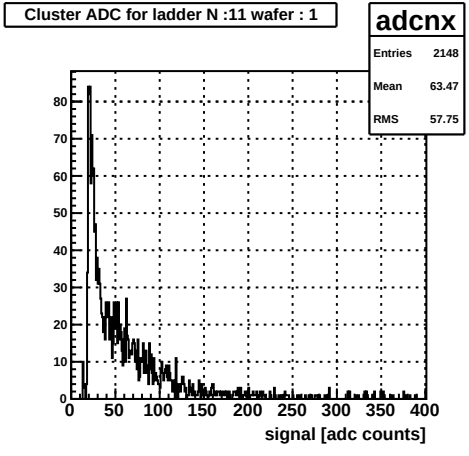

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 32291
Mean 15.04
RMS 1.482
signal [adc counts]

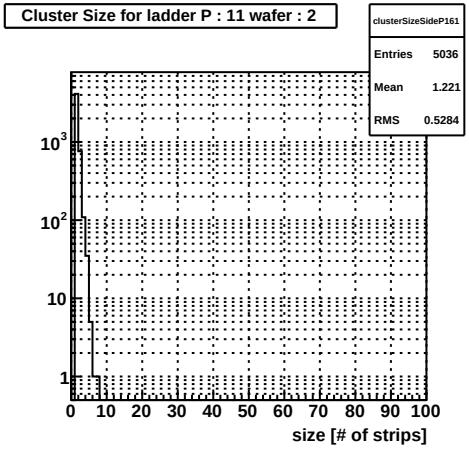

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5000
Mean 1.237
RMS 0.5958
size [# of strips]

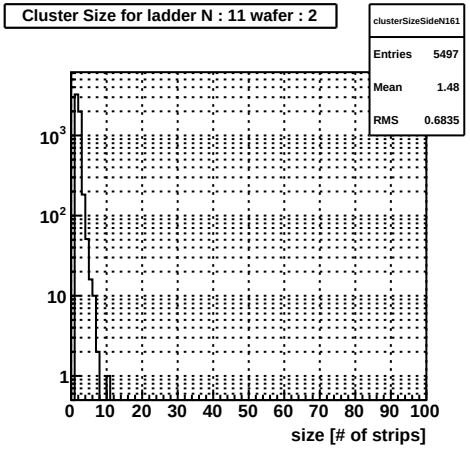

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2148
Mean 1.446
RMS 0.7508
size [# of strips]

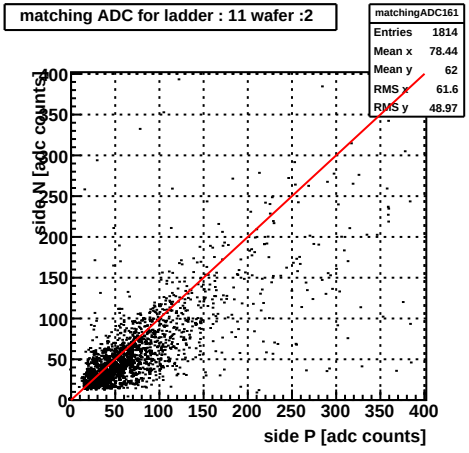

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1613
Mean x 75.65
Mean y 65.61
RMS x 60.16
RMS y 54.65
side N [adc counts]
side P [adc counts]

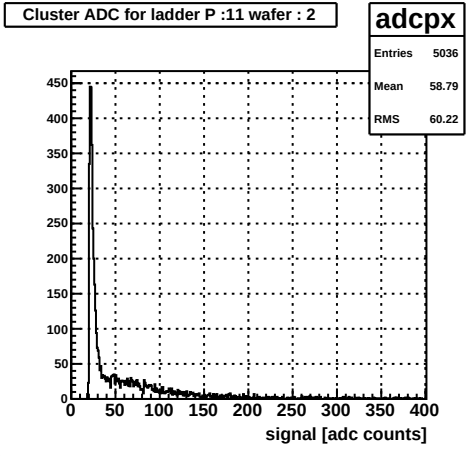

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5000
Mean 58.01
RMS 60.81
signal [adc counts]

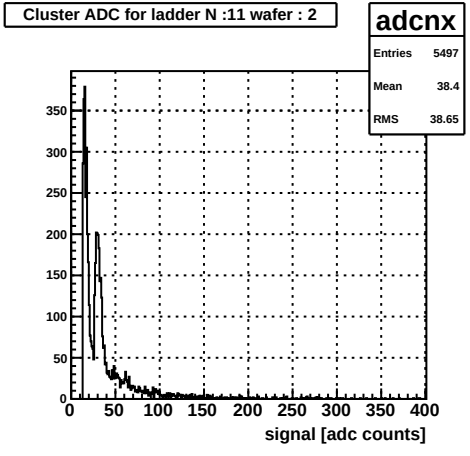

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2148
Mean 63.47
RMS 57.75
signal [adc counts]

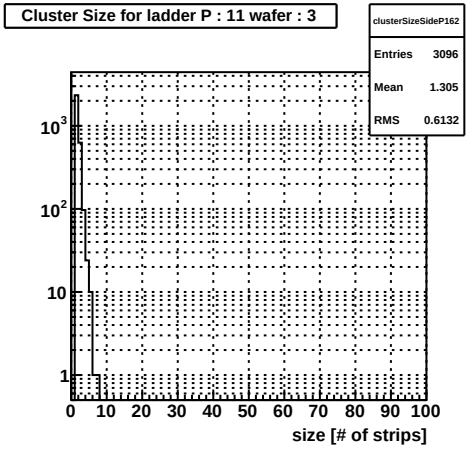

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5036
Mean 1.221
RMS 0.5284
size [# of strips]

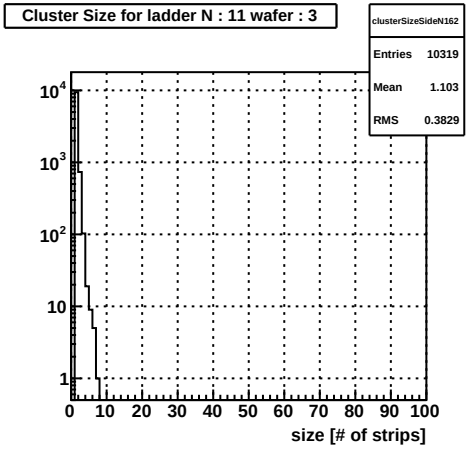

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5497
Mean 1.48
RMS 0.6835
size [# of strips]

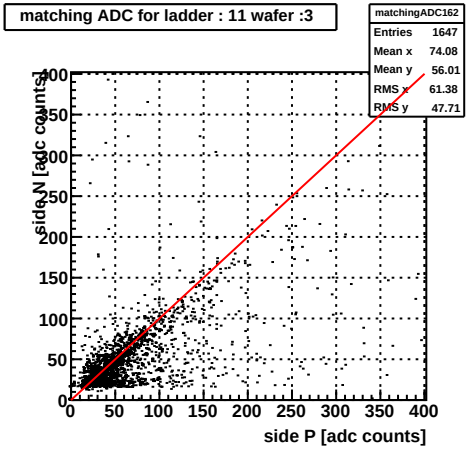

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1814
Mean x 78.44
Mean y 62
RMS x 61.6
RMS y 48.97
side N [adc counts]
side P [adc counts]

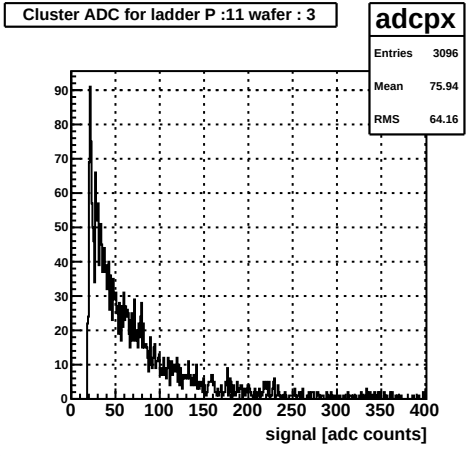

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5036
Mean 58.79
RMS 60.22
signal [adc counts]

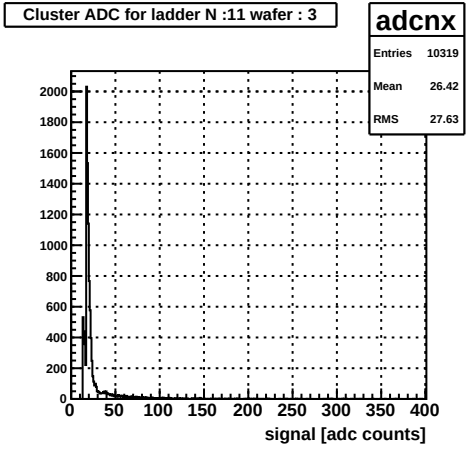

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5497
Mean 38.4
RMS 38.65
signal [adc counts]

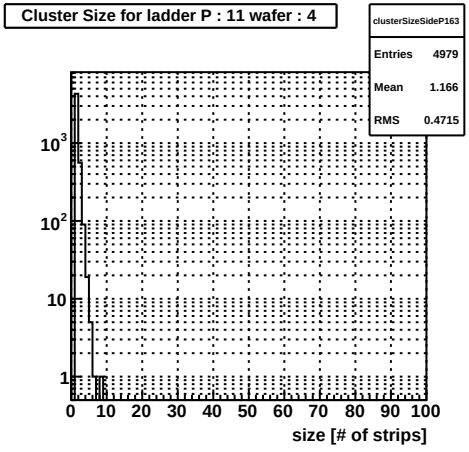

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3096
Mean 1.305
RMS 0.6132
size [# of strips]

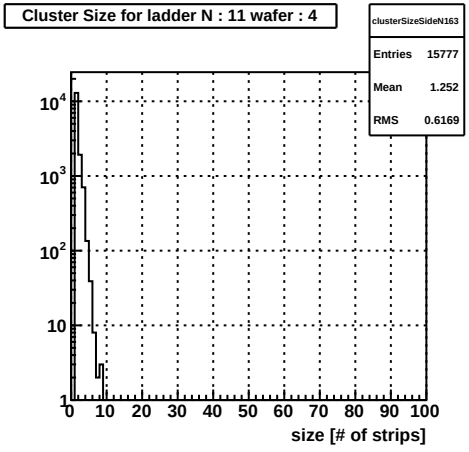

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 10319
Mean 1.103
RMS 0.3829
size [# of strips]

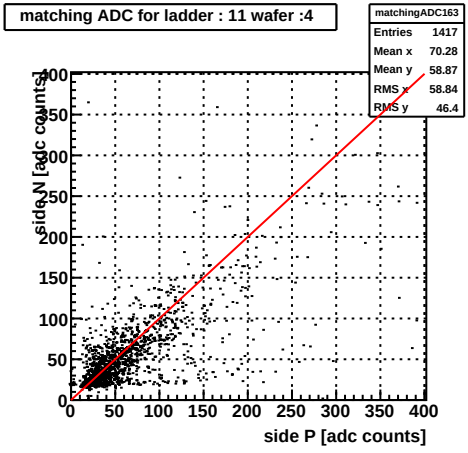

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1647
Mean x 74.08
Mean y 56.01
RMS x 61.38
RMS y 47.71
side N [adc counts]
side P [adc counts]

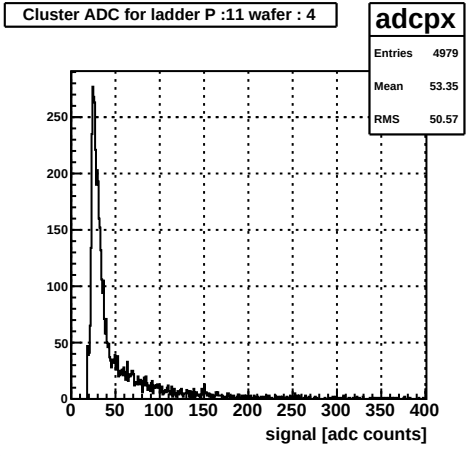

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3096
Mean 75.94
RMS 64.16
signal [adc counts]

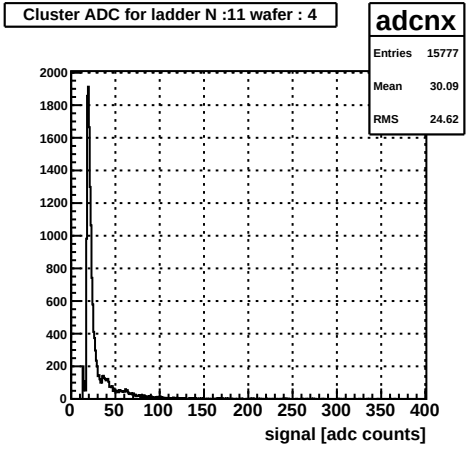

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 10319
Mean 26.42
RMS 27.63
signal [adc counts]

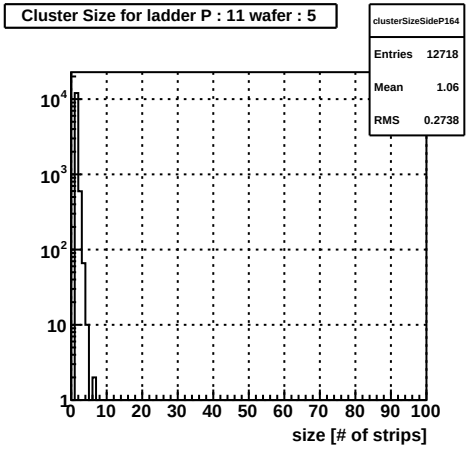

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4979
Mean 1.166
RMS 0.4715
size [# of strips]

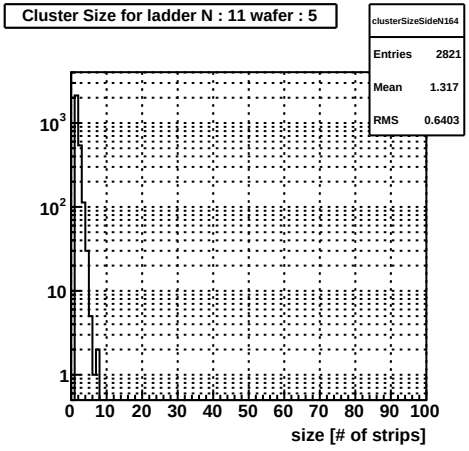

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 15777
Mean 1.252
RMS 0.6169
size [# of strips]

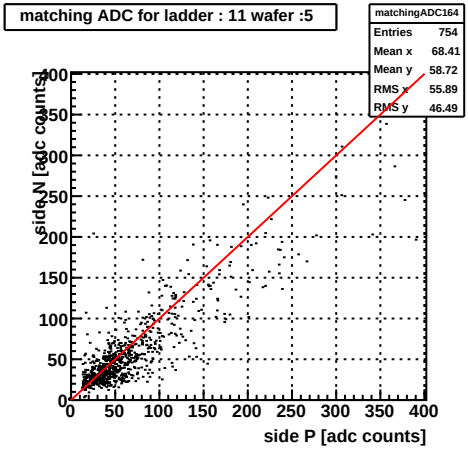

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1417
Mean x 70.28
Mean y 58.87
RMS x 58.84
RMS y 46.4
side N [adc counts]
side P [adc counts]

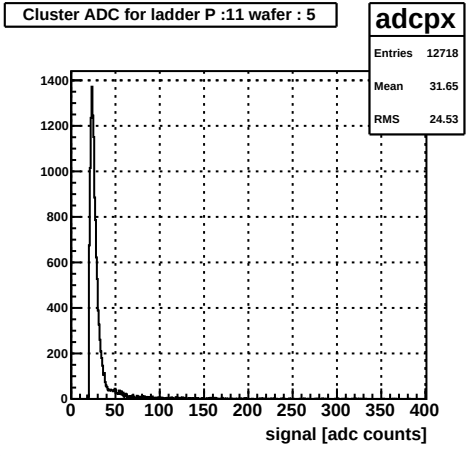

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4979
Mean 53.35
RMS 50.57
signal [adc counts]

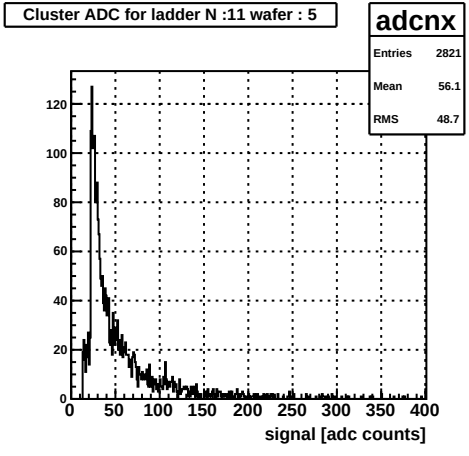

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 15777
Mean 30.09
RMS 24.62
signal [adc counts]

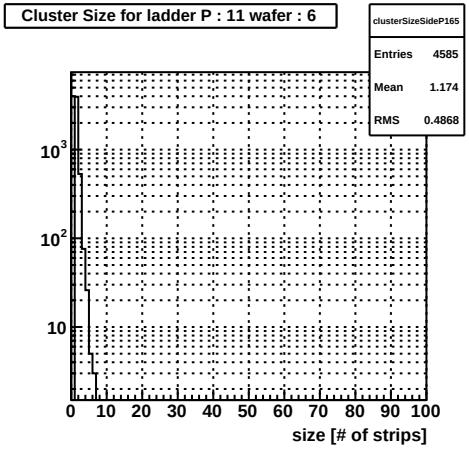

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12718
Mean 1.06
RMS 0.2738
size [# of strips]

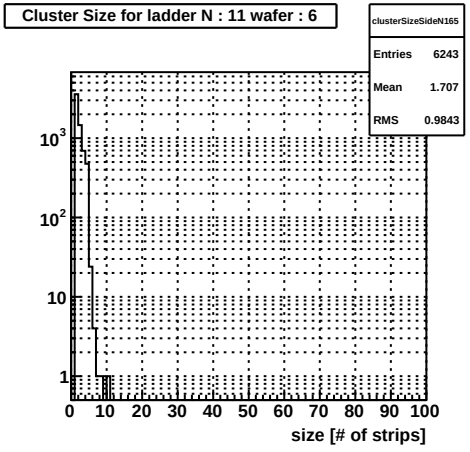

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2821
Mean 1.317
RMS 0.6403
size [# of strips]

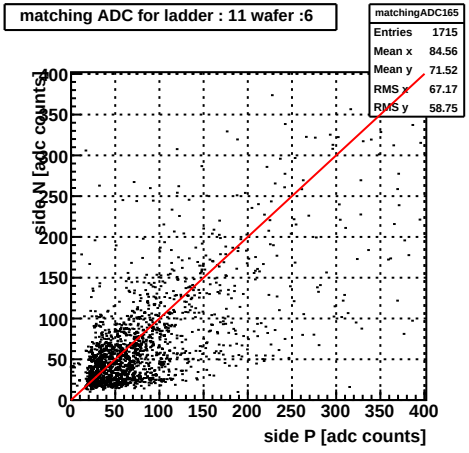

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 754
Mean x 68.41
Mean y 58.72
RMS x 55.89
RMS y 46.49
side N [adc counts]
side P [adc counts]

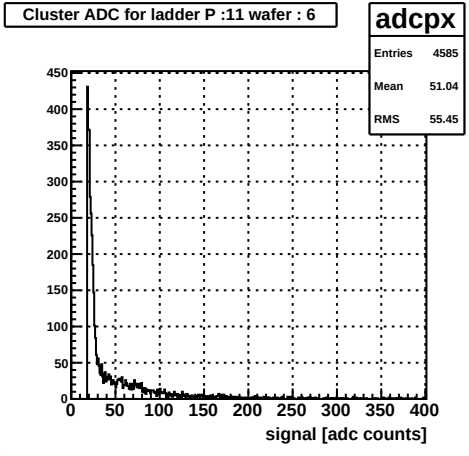

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12718
Mean 31.65
RMS 24.53
signal [adc counts]

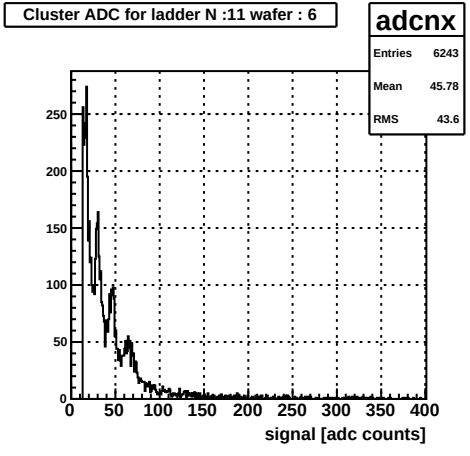

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2821
Mean 56.1
RMS 48.7
signal [adc counts]

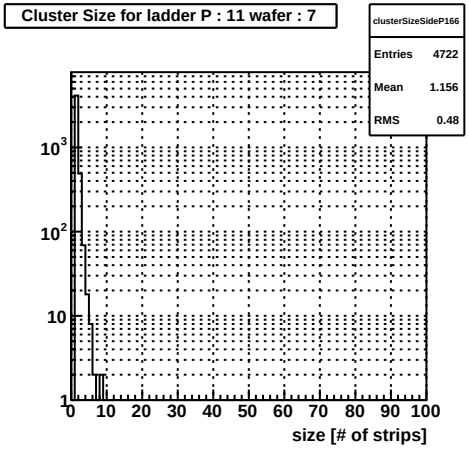

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4585
Mean 1.174
RMS 0.4868
size [# of strips]

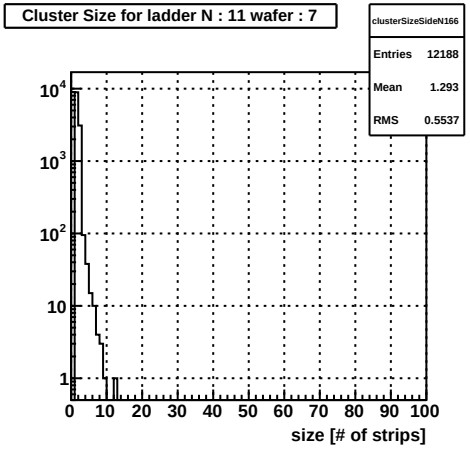

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6243
Mean 1.707
RMS 0.9843
size [# of strips]

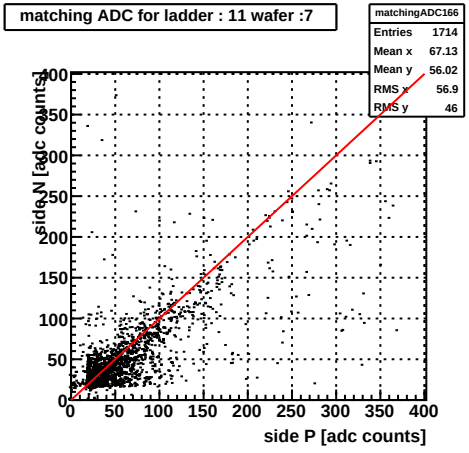

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1715
Mean x 84.56
Mean y 71.52
RMS x 67.17
RMS y 58.75
side N [adc counts]
side P [adc counts]

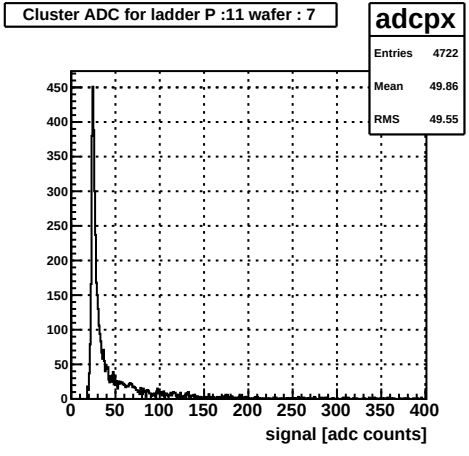

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4585
Mean 51.04
RMS 55.45
signal [adc counts]

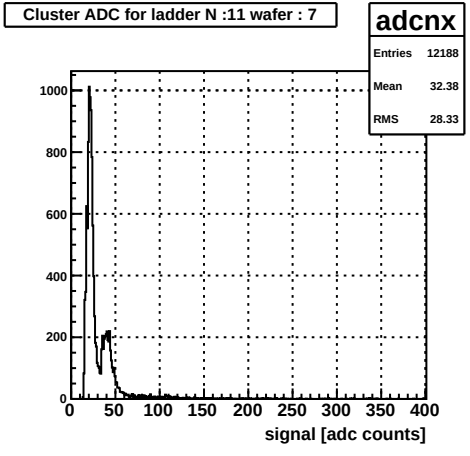

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6243
Mean 45.78
RMS 43.6
signal [adc counts]

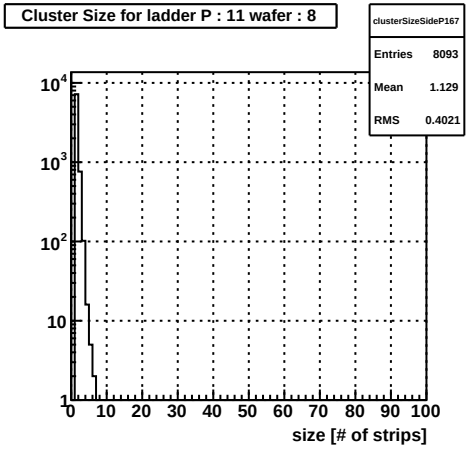

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4722
Mean 1.156
RMS 0.48
size [# of strips]

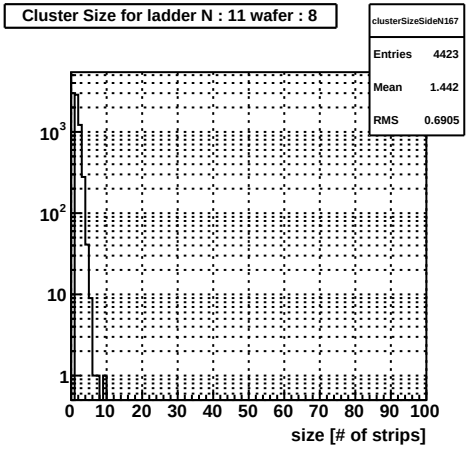

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 12188
Mean 1.293
RMS 0.5537
size [# of strips]

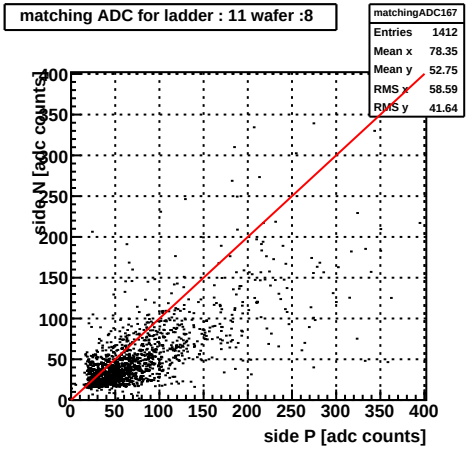

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1714
Mean x 67.13
Mean y 56.02
RMS x 56.9
RMS y 46
side N [adc counts]
side P [adc counts]

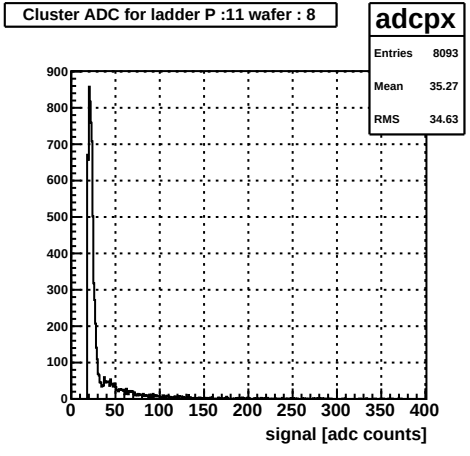

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4722
Mean 49.86
RMS 49.55
signal [adc counts]

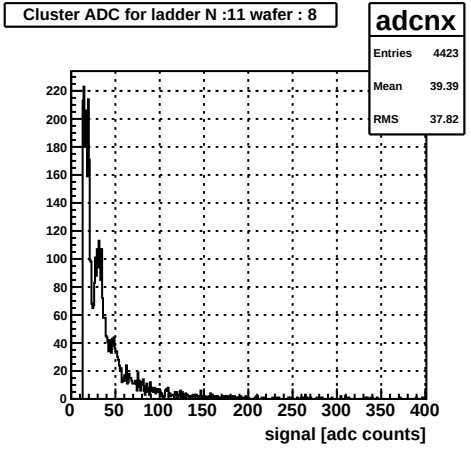

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 12188
Mean 32.38
RMS 28.33
signal [adc counts]

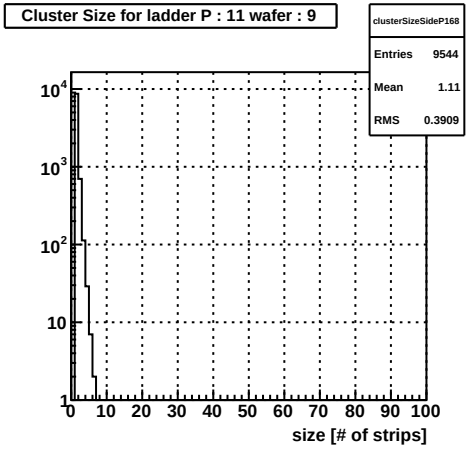

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8093
Mean 1.129
RMS 0.4021
size [# of strips]

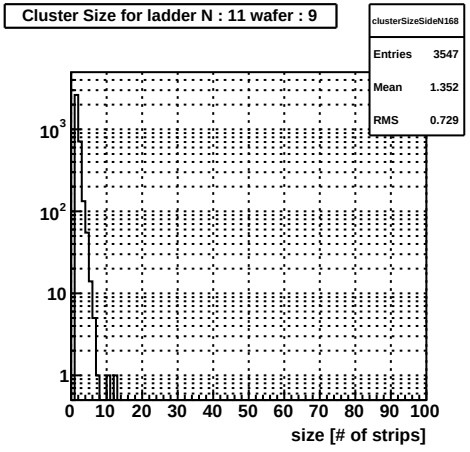

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4423
Mean 1.442
RMS 0.6905
size [# of strips]

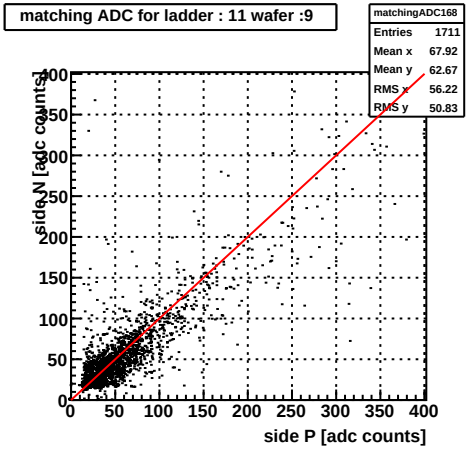

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1412
Mean x 78.35
Mean y 52.75
RMS x 58.59
RMS y 41.64
side N [adc counts]
side P [adc counts]

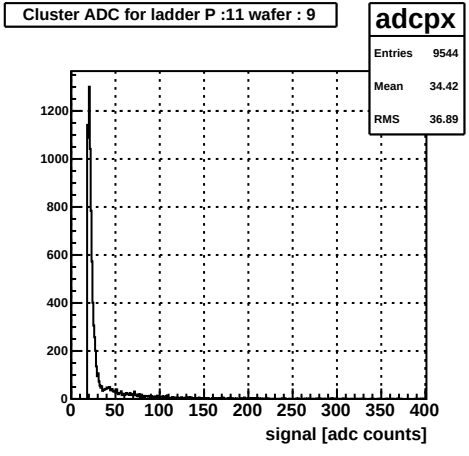

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8093
Mean 35.27
RMS 34.63
signal [adc counts]

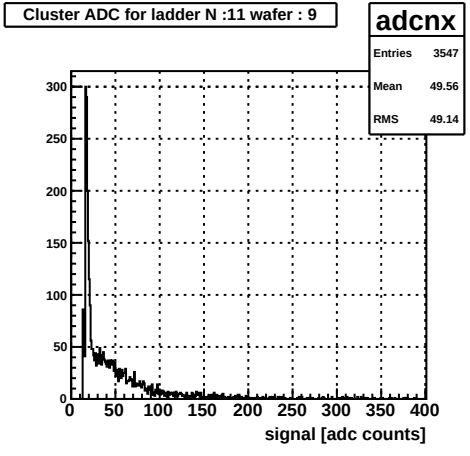

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4423
Mean 39.39
RMS 37.82
signal [adc counts]

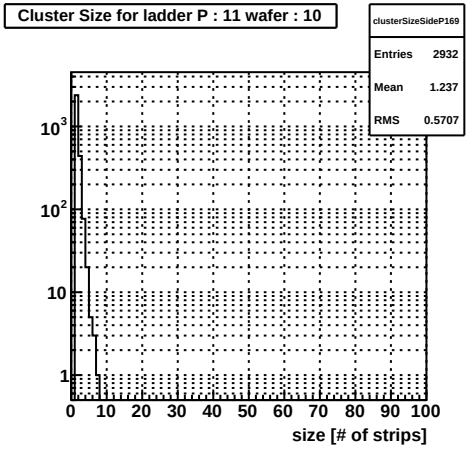

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 9544
Mean 1.11
RMS 0.3909
size [# of strips]

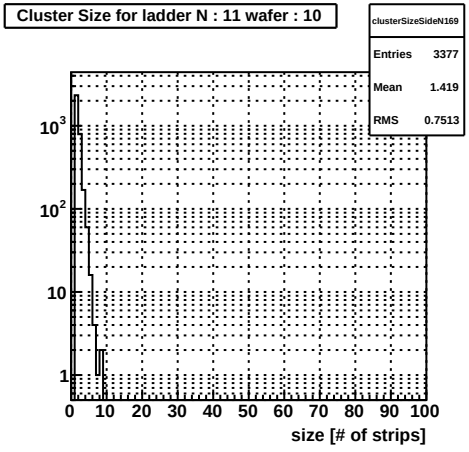

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3547
Mean 1.352
RMS 0.729
size [# of strips]

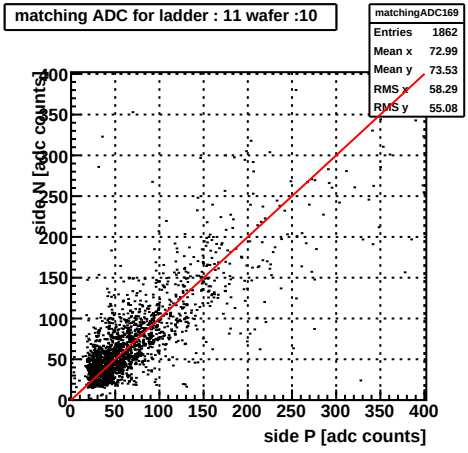

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1711
Mean x 67.92
Mean y 62.67
RMS x 56.22
RMS y 50.83
side N [adc counts]
side P [adc counts]

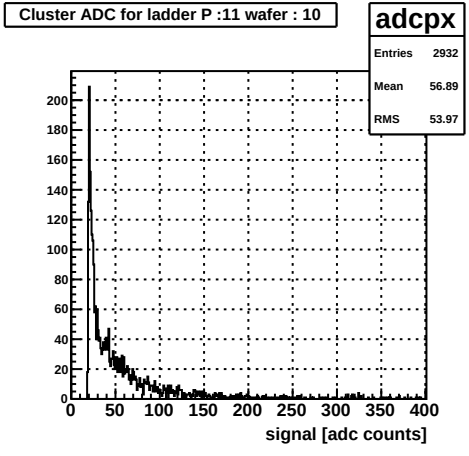

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 9544
Mean 34.42
RMS 36.89
signal [adc counts]

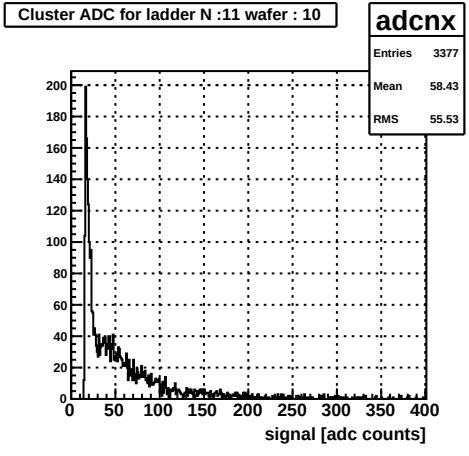

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3547
Mean 49.56
RMS 49.14
signal [adc counts]

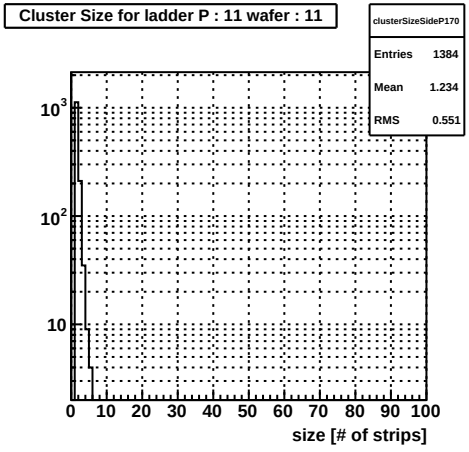

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2932
Mean 1.237
RMS 0.5707
size [# of strips]

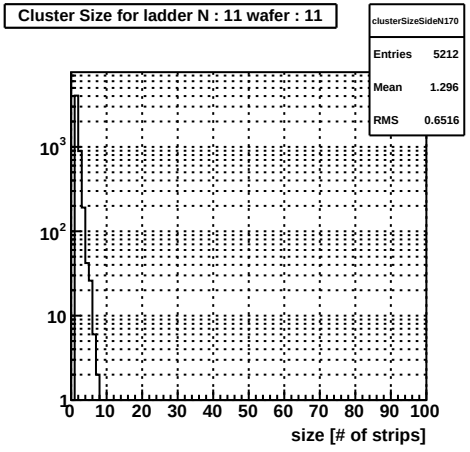

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3377
Mean 1.419
RMS 0.7513
size [# of strips]

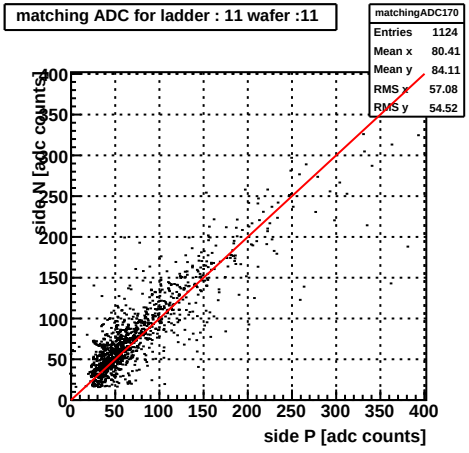

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1862
Mean x 72.99
Mean y 73.53
RMS x 58.29
RMS y 55.08
side N [adc counts]
side P [adc counts]

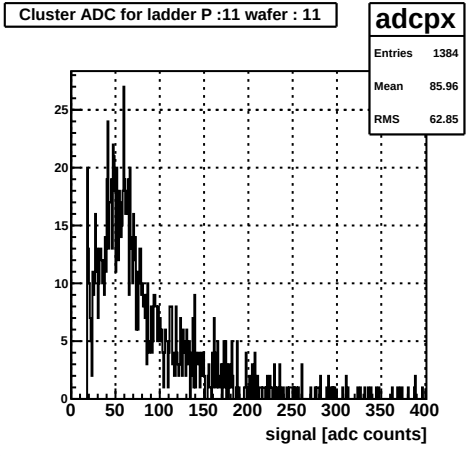

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2932
Mean 56.89
RMS 53.97
signal [adc counts]

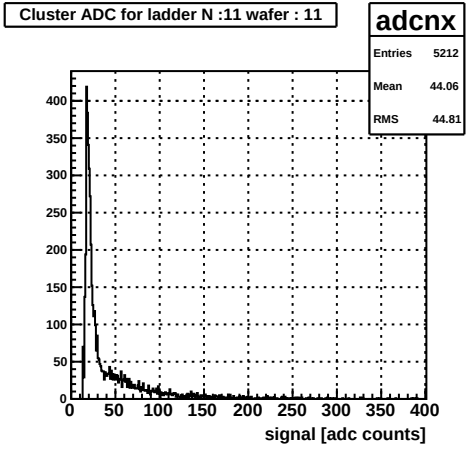

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3377
Mean 58.43
RMS 55.53
signal [adc counts]

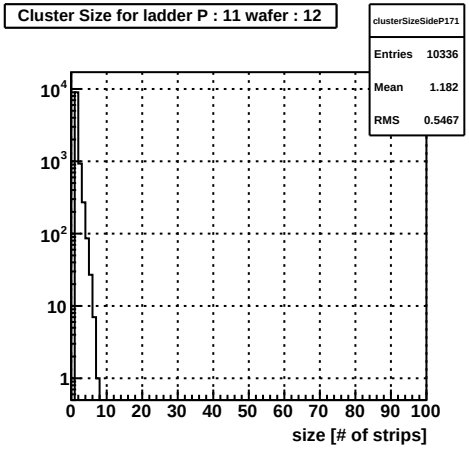

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1384
Mean 1.234
RMS 0.551
size [# of strips]

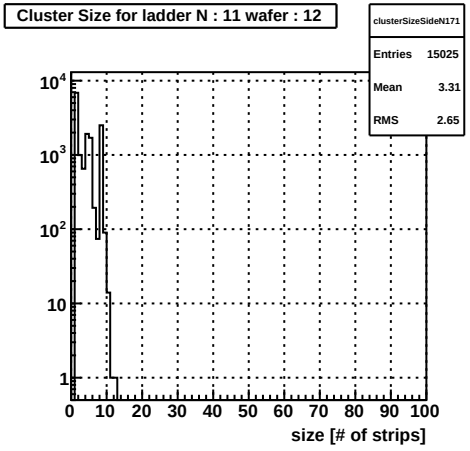

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5212
Mean 1.296
RMS 0.6516
size [# of strips]

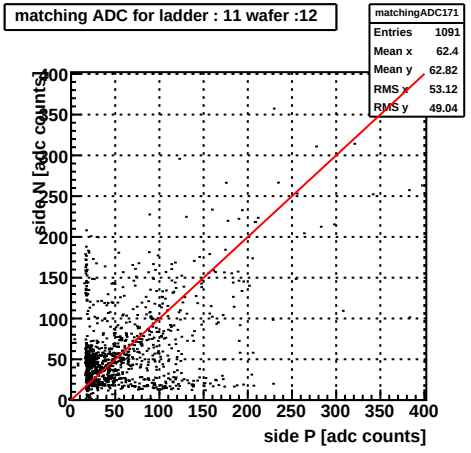

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1124
Mean x 80.41
Mean y 84.11
RMS x 57.08
RMS y 54.52
side N [adc counts]
side P [adc counts]

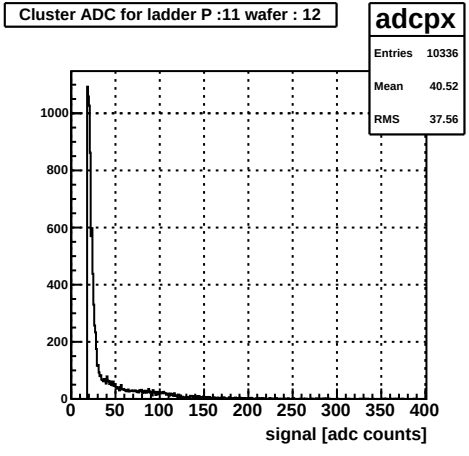

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1384
Mean 85.96
RMS 62.85
signal [adc counts]

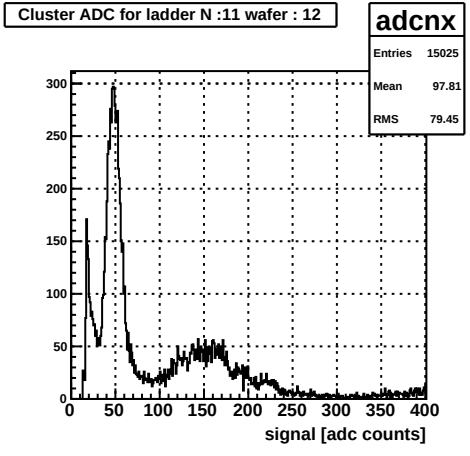

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5212
Mean 44.06
RMS 44.81
signal [adc counts]

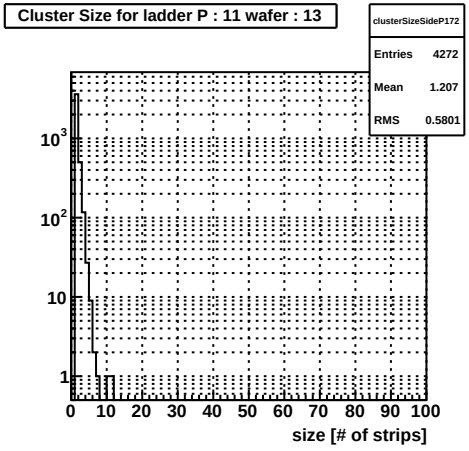

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10336
Mean 1.182
RMS 0.5467
size [# of strips]

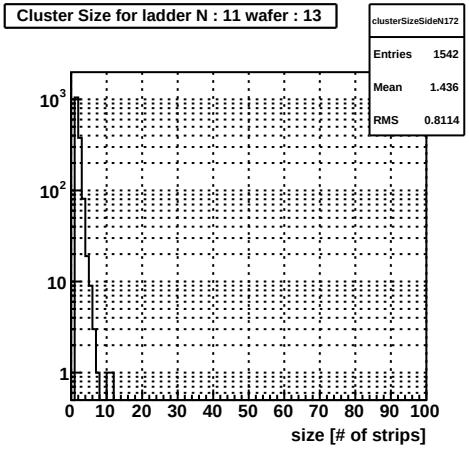

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15025
Mean 3.31
RMS 2.65
size [# of strips]

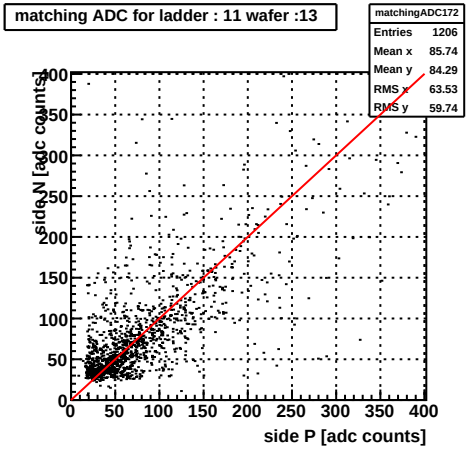

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1091
Mean x 62.4
Mean y 62.82
RMS x 53.12
RMS y 49.04
side N [adc counts]
side P [adc counts]

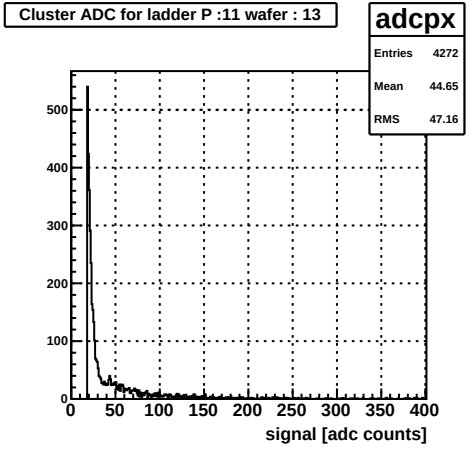

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10336
Mean 40.52
RMS 37.56
signal [adc counts]

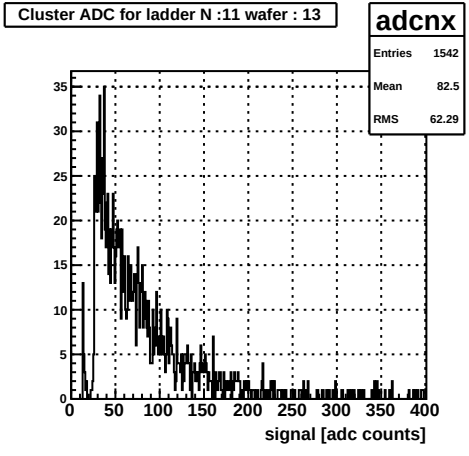

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15025
Mean 97.81
RMS 79.45
signal [adc counts]

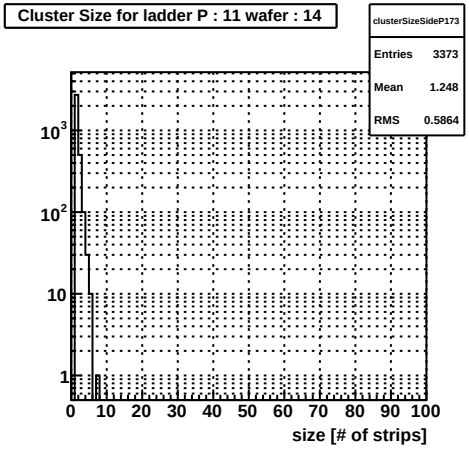

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4272
Mean 1.207
RMS 0.5801
size [# of strips]

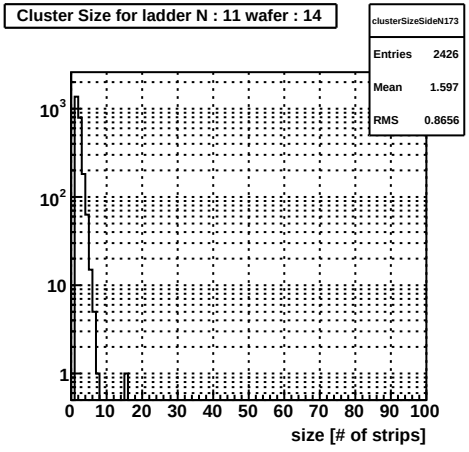

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1542
Mean 1.436
RMS 0.8114
size [# of strips]

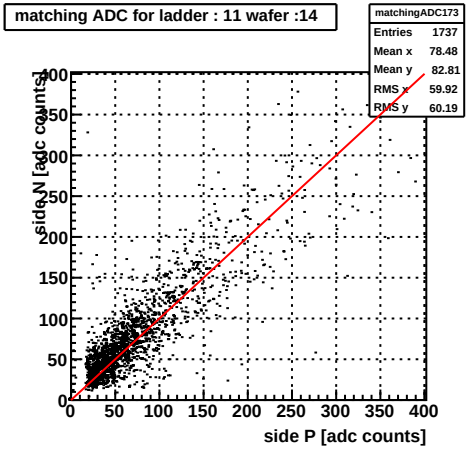

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1206
Mean x 85.74
Mean y 84.29
RMS x 63.53
RMS y 59.74
side N [adc counts]
side P [adc counts]

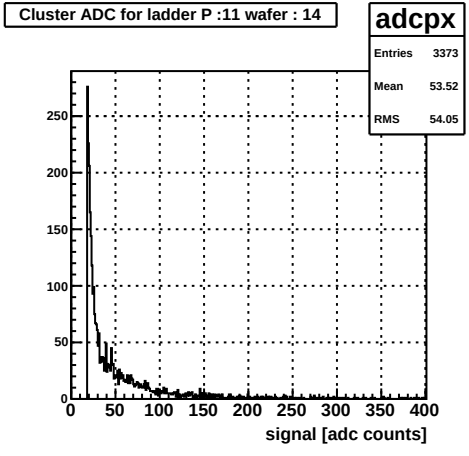

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4272
Mean 44.65
RMS 47.16
signal [adc counts]

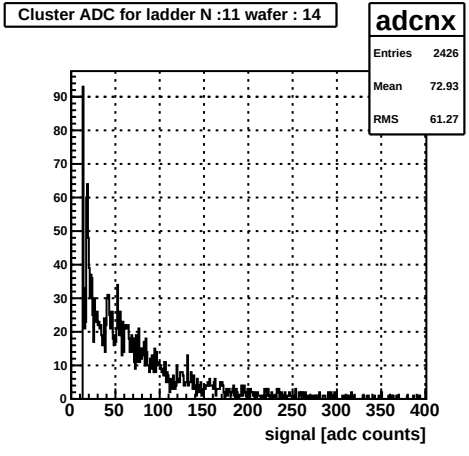

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1542
Mean 82.5
RMS 62.29
signal [adc counts]

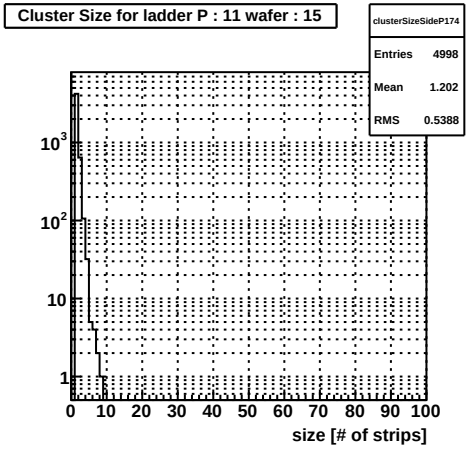

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3373
Mean 1.248
RMS 0.5864
size [# of strips]

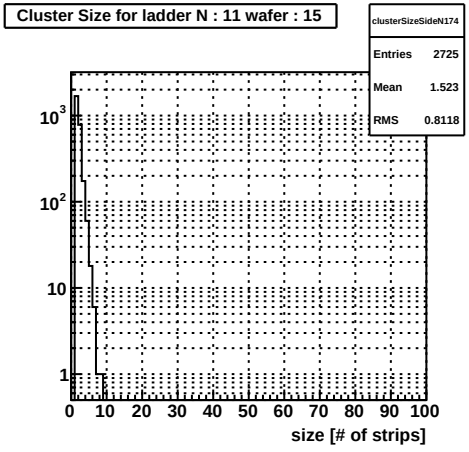

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2426
Mean 1.597
RMS 0.8656
size [# of strips]

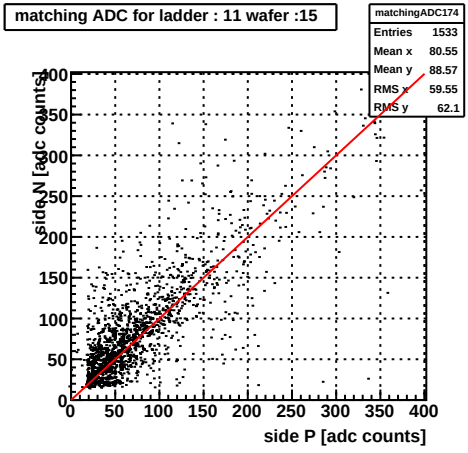

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1737
Mean x 78.48
Mean y 82.81
RMS x 59.92
RMS y 60.19
side N [adc counts]
side P [adc counts]

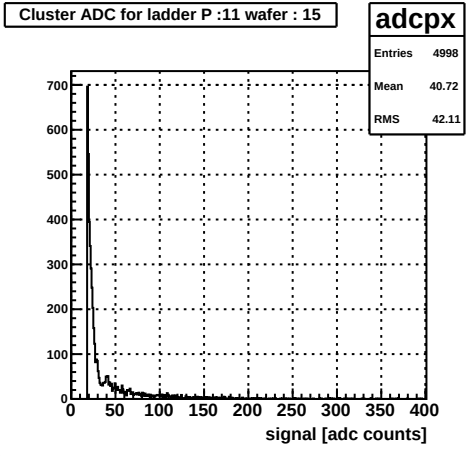

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3373
Mean 53.52
RMS 54.05
signal [adc counts]

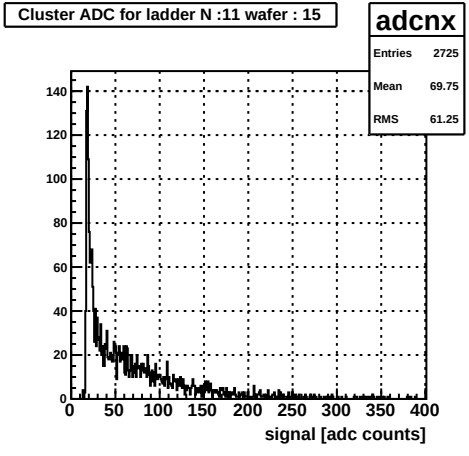

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2426
Mean 72.93
RMS 61.27
signal [adc counts]

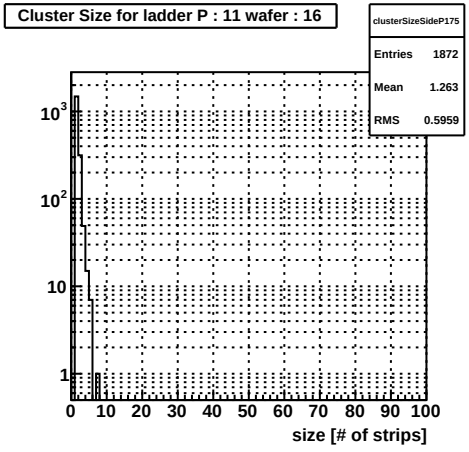

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4998
Mean 1.202
RMS 0.5388
size [# of strips]

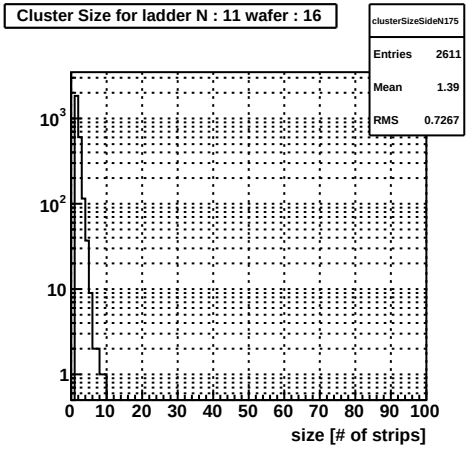

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2725
Mean 1.523
RMS 0.8118
size [# of strips]

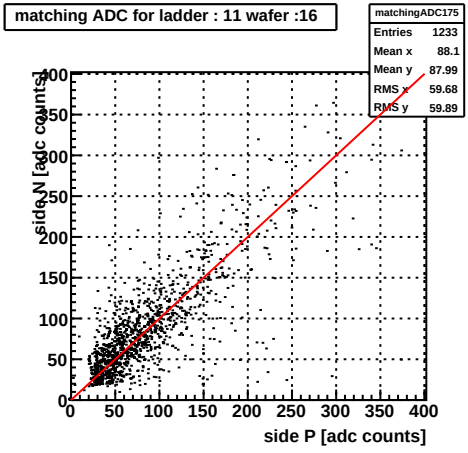

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1533
Mean x 80.55
Mean y 88.57
RMS x 59.55
RMS y 62.1
side N [adc counts]
side P [adc counts]

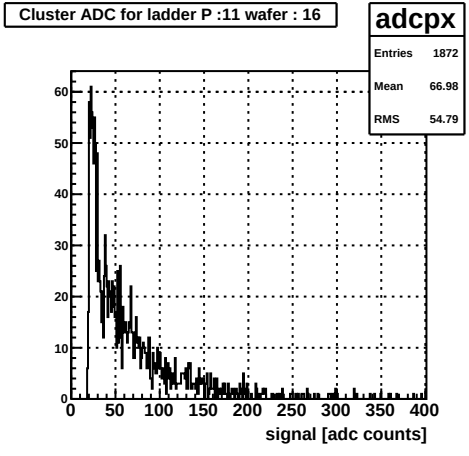

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4998
Mean 40.72
RMS 42.11
signal [adc counts]

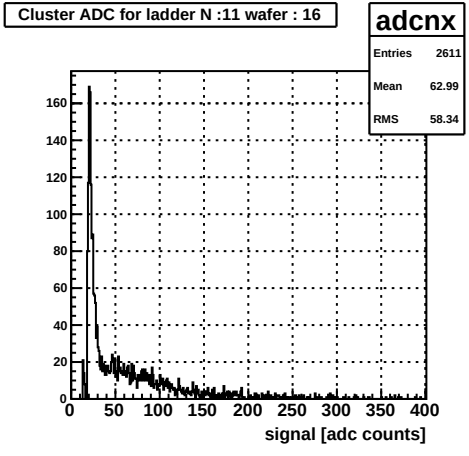

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2725
Mean 69.75
RMS 61.25
signal [adc counts]

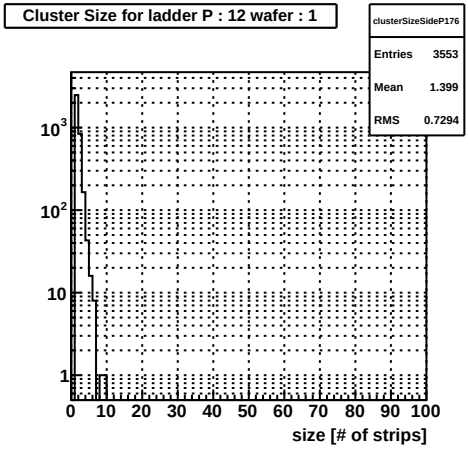

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1872
Mean 1.263
RMS 0.5959
size [# of strips]

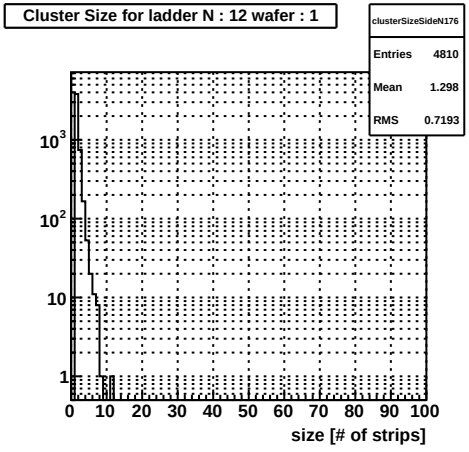

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2611
Mean 1.39
RMS 0.7267
size [# of strips]

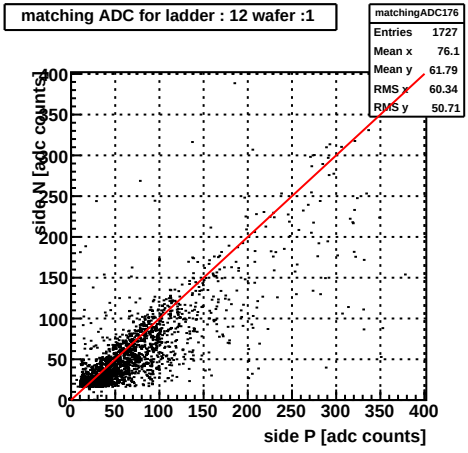

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1233
Mean x 88.1
Mean y 87.99
RMS x 59.68
RMS y 59.89
side N [adc counts]
side P [adc counts]

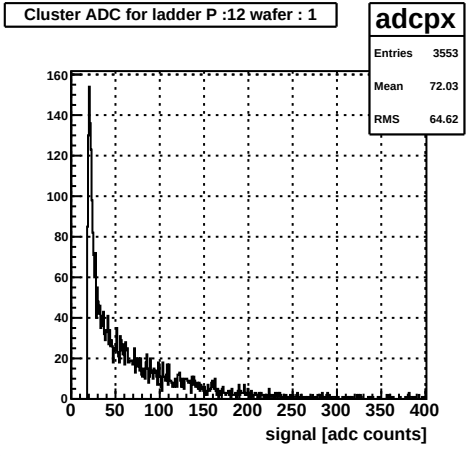

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1872
Mean 66.98
RMS 54.79
signal [adc counts]

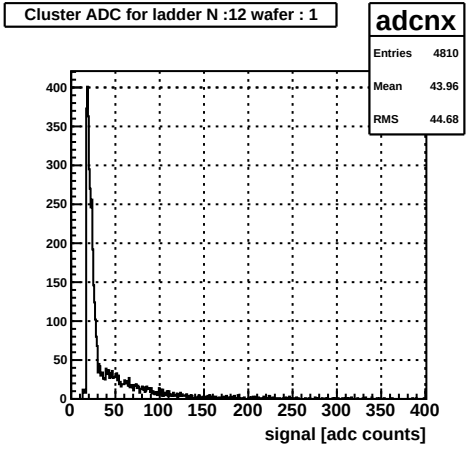

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2611
Mean 62.99
RMS 58.34
signal [adc counts]

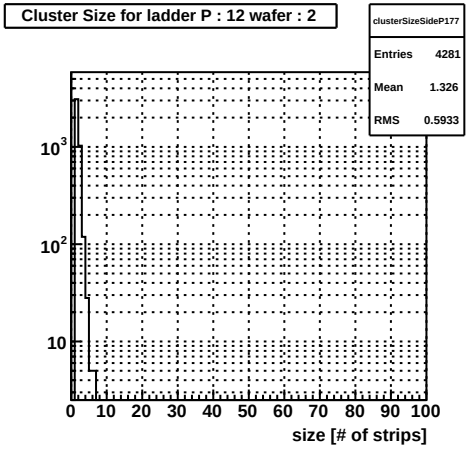

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3553
Mean 1.399
RMS 0.7294
size [# of strips]

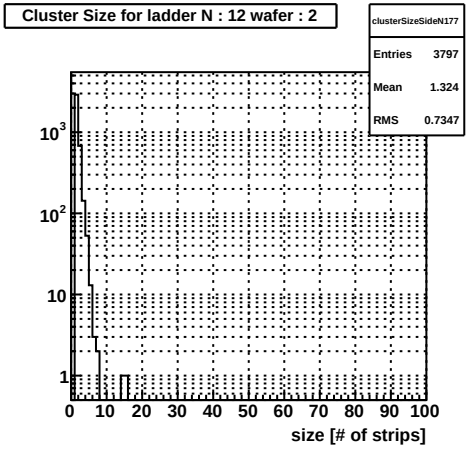

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4810
Mean 1.298
RMS 0.7193
size [# of strips]

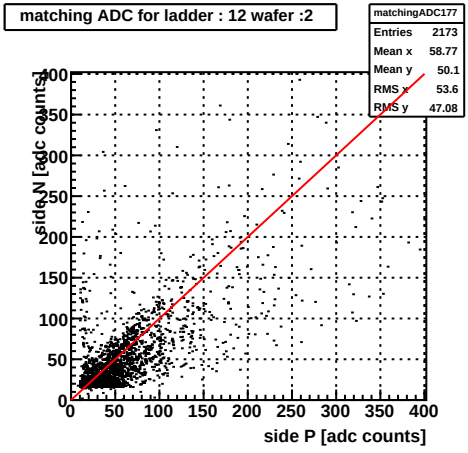

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1727
Mean x 76.1
Mean y 61.79
RMS x 60.34
RMS y 50.71
side N [adc counts]
side P [adc counts]

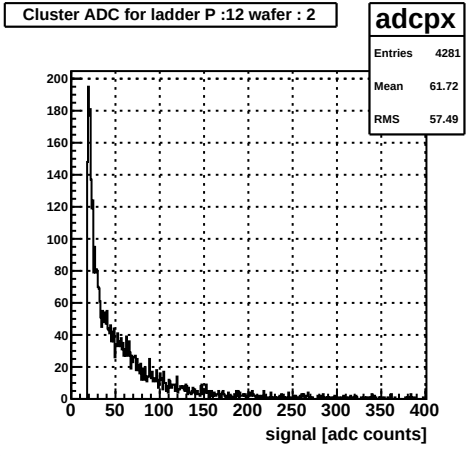

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3553
Mean 72.03
RMS 64.62
signal [adc counts]

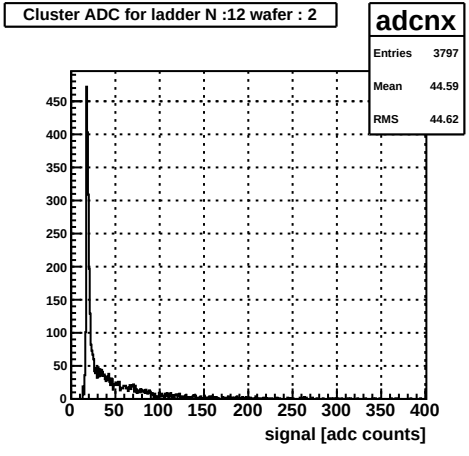

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4810
Mean 43.96
RMS 44.68
signal [adc counts]

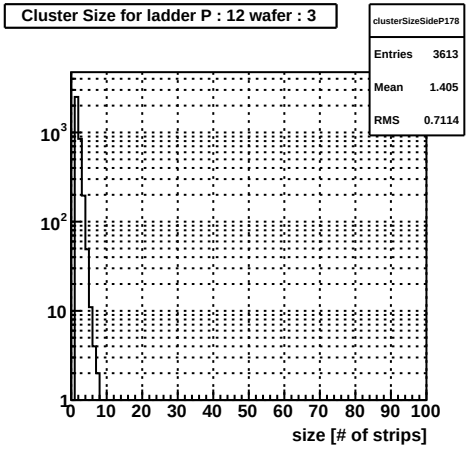

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4281
Mean 1.326
RMS 0.5933
size [# of strips]

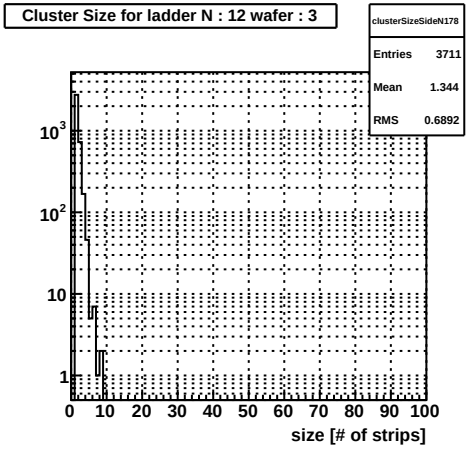

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3797
Mean 1.324
RMS 0.7347
size [# of strips]

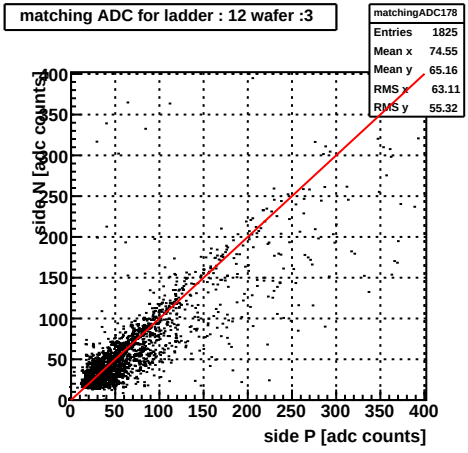

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2173
Mean x 58.77
Mean y 50.1
RMS x 53.6
RMS y 47.08
side N [adc counts]
side P [adc counts]

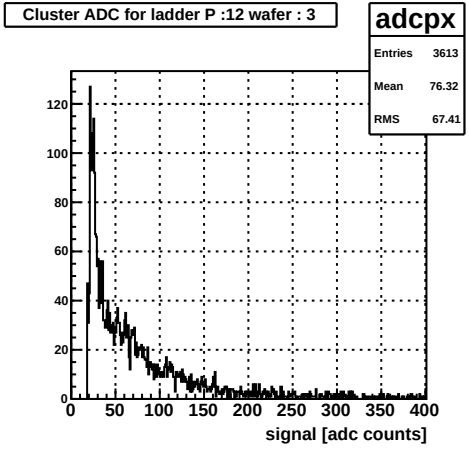

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4281
Mean 61.72
RMS 57.49
signal [adc counts]

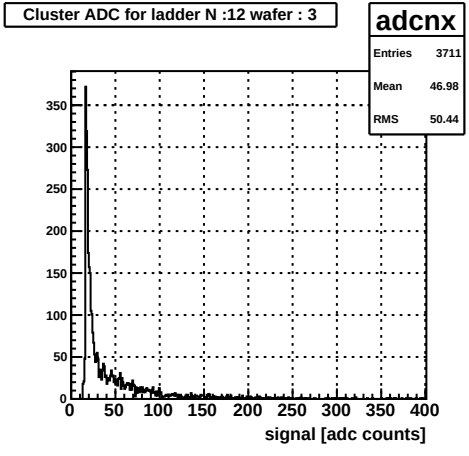

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3797
Mean 44.59
RMS 44.62
signal [adc counts]

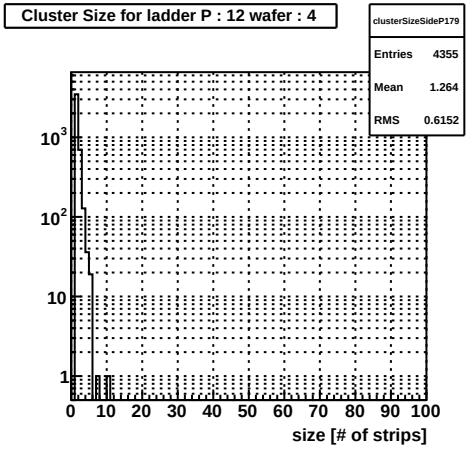

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3613
Mean 1.405
RMS 0.7114
size [# of strips]

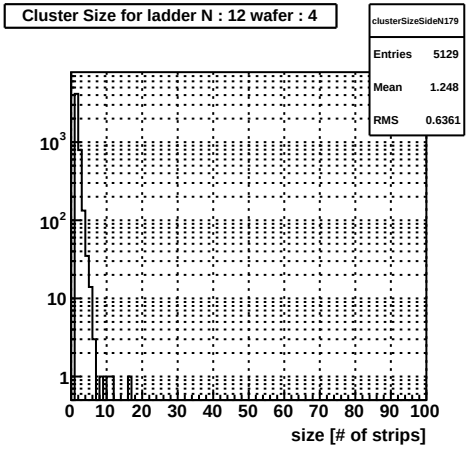

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3711
Mean 1.344
RMS 0.6892
size [# of strips]

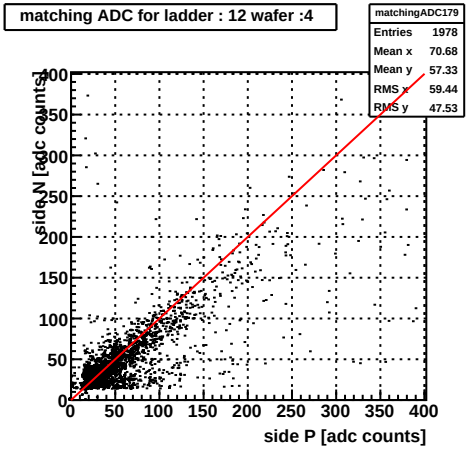

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1825
Mean x 74.55
Mean y 65.16
RMS x 63.11
RMS y 55.32
side N [adc counts]
side P [adc counts]

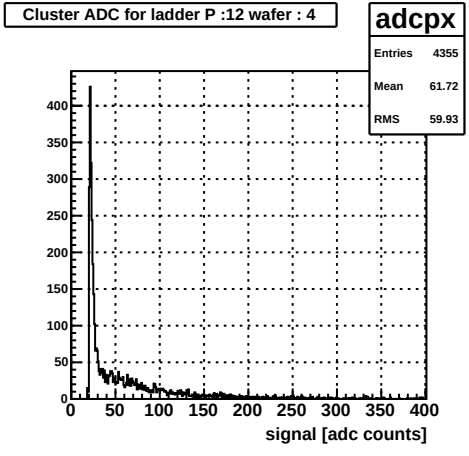

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3613
Mean 76.32
RMS 67.41
signal [adc counts]

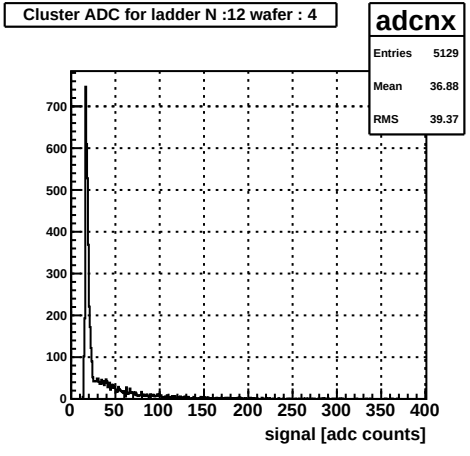

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3711
Mean 46.98
RMS 50.44
signal [adc counts]

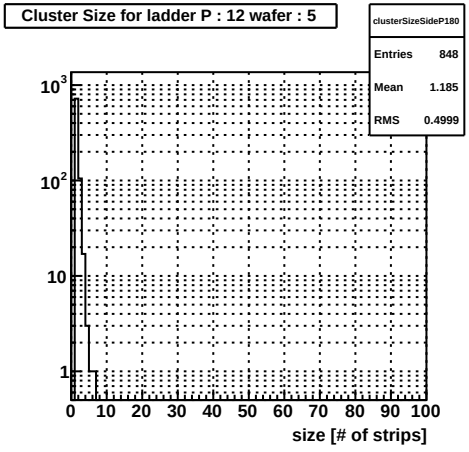

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4355
Mean 1.264
RMS 0.6152
size [# of strips]

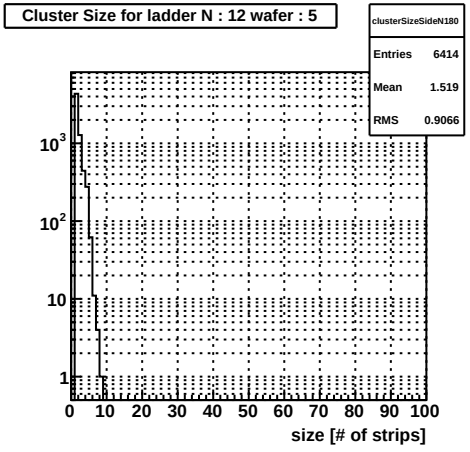

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5129
Mean 1.248
RMS 0.6361
size [# of strips]

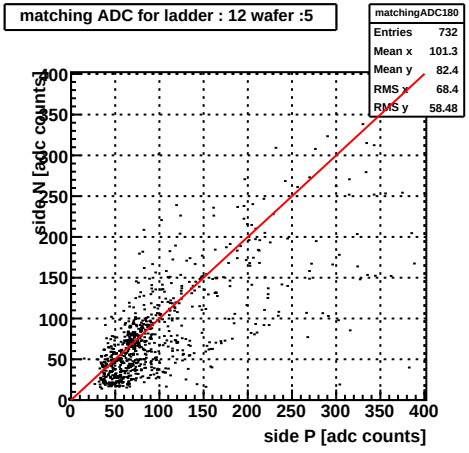

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1978
Mean x 70.68
Mean y 57.33
RMS x 59.44
RMS y 47.53
side N [adc counts]
side P [adc counts]

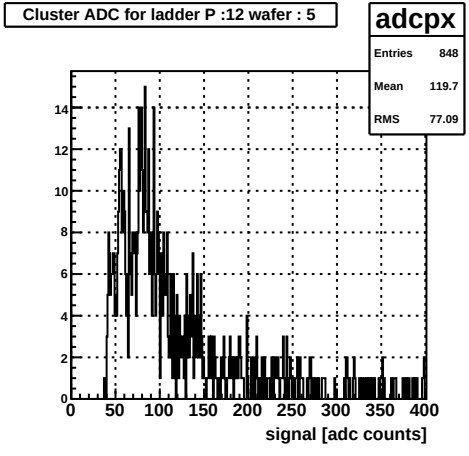

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4355
Mean 61.72
RMS 59.93
signal [adc counts]

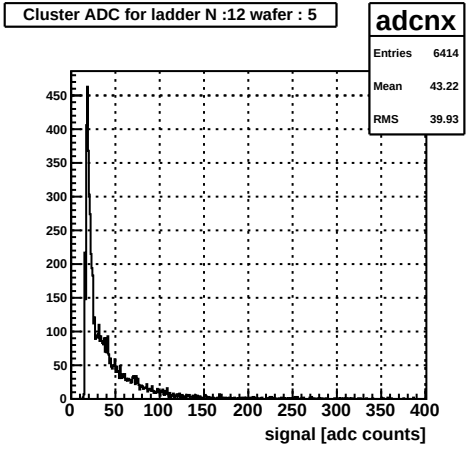

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5129
Mean 36.88
RMS 39.37
signal [adc counts]

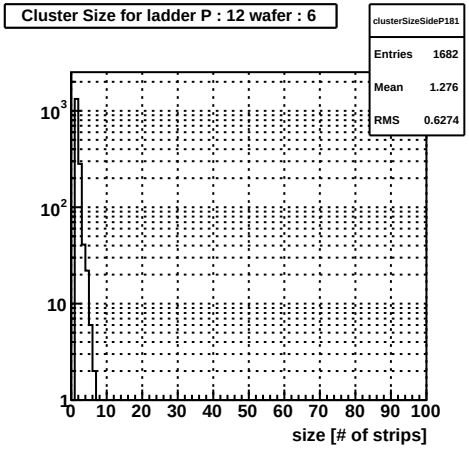

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 848
Mean 1.185
RMS 0.4999
size [# of strips]

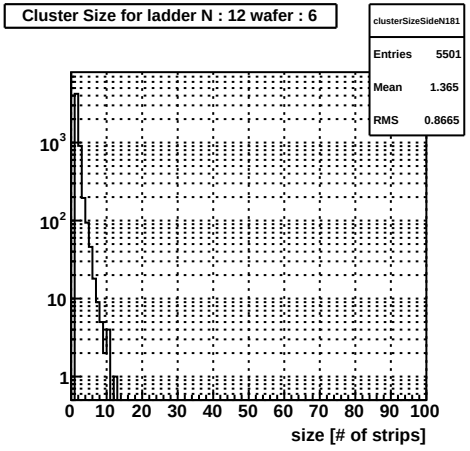

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6414
Mean 1.519
RMS 0.9066
size [# of strips]

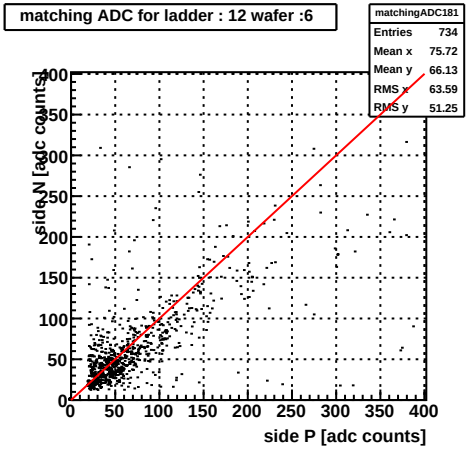

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 732
Mean x 101.3
Mean y 82.4
RMS x 68.4
RMS y 58.48
side N [adc counts]
side P [adc counts]

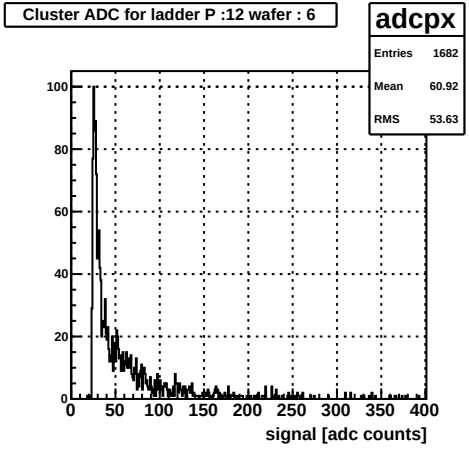

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 848
Mean 119.7
RMS 77.09
signal [adc counts]

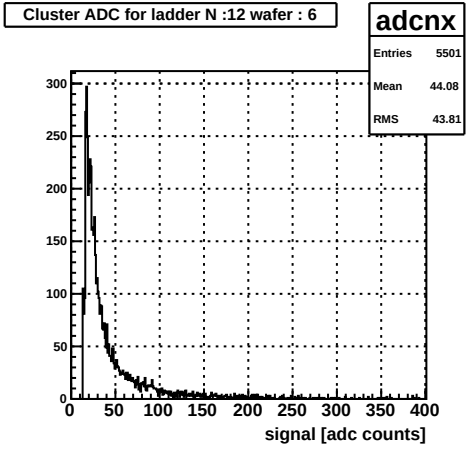

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6414
Mean 43.22
RMS 39.93
signal [adc counts]

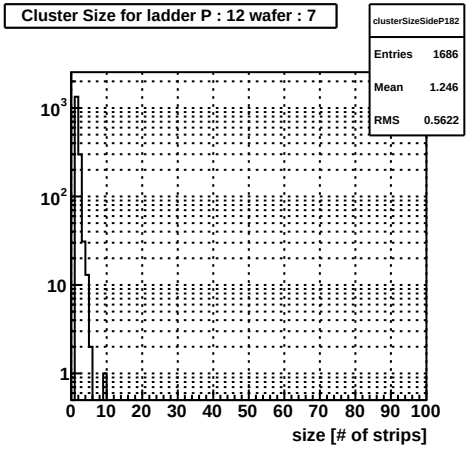

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1682
Mean 1.276
RMS 0.6274
size [# of strips]

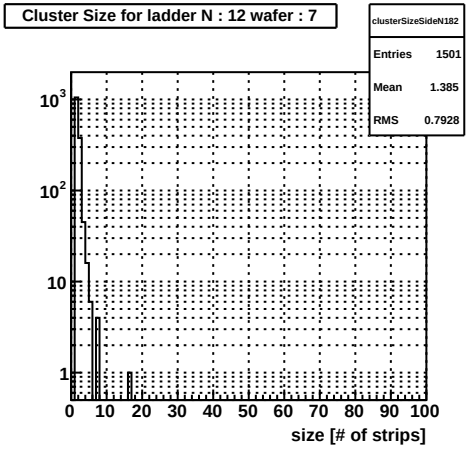

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5501
Mean 1.365
RMS 0.8665
size [# of strips]

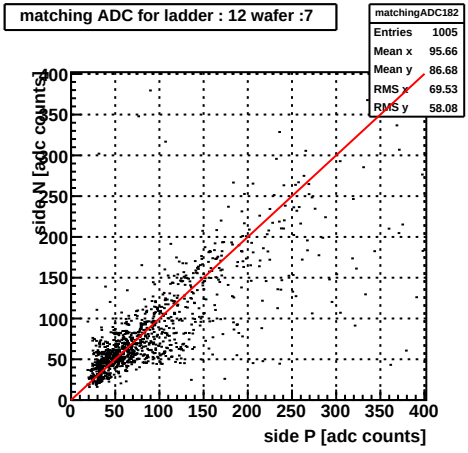

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 734
Mean x 75.72
Mean y 66.13
RMS x 63.59
RMS y 51.25
side N [adc counts]
side P [adc counts]

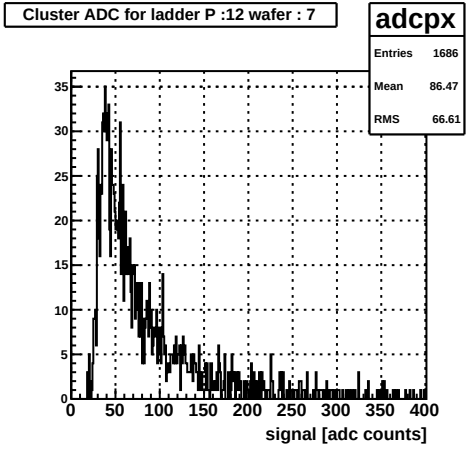

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1682
Mean 60.92
RMS 53.63
signal [adc counts]

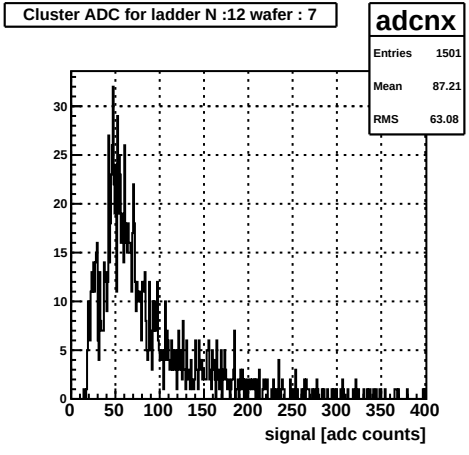

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5501
Mean 44.08
RMS 43.81
signal [adc counts]

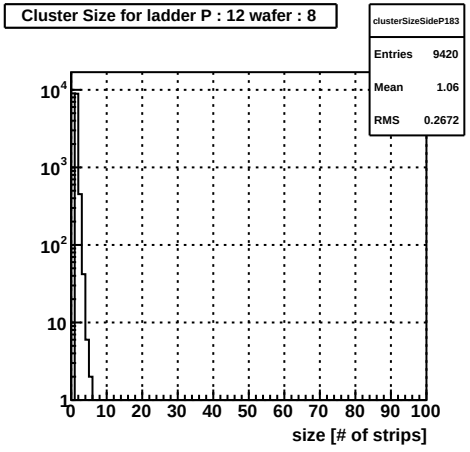

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1686
Mean 1.246
RMS 0.5622
size [# of strips]

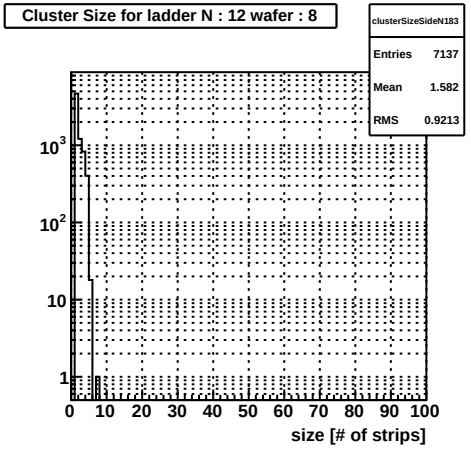

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1501
Mean 1.385
RMS 0.7928
size [# of strips]

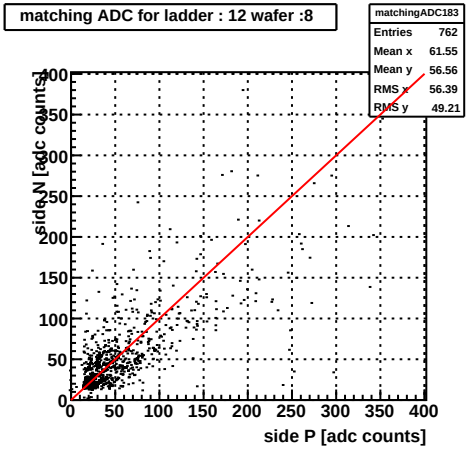

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1005
Mean x 95.66
Mean y 86.68
RMS x 69.53
RMS y 58.08
side N [adc counts]
side P [adc counts]

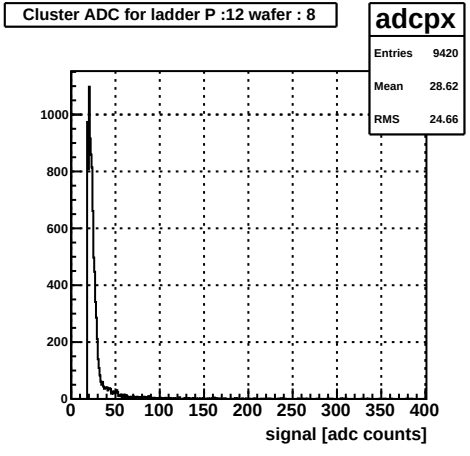

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1686
Mean 86.47
RMS 66.61
signal [adc counts]

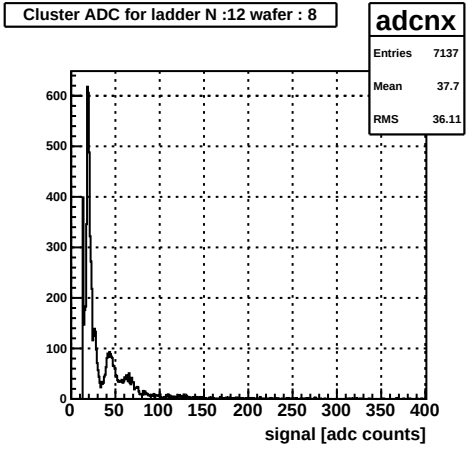

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1501
Mean 87.21
RMS 63.08
signal [adc counts]

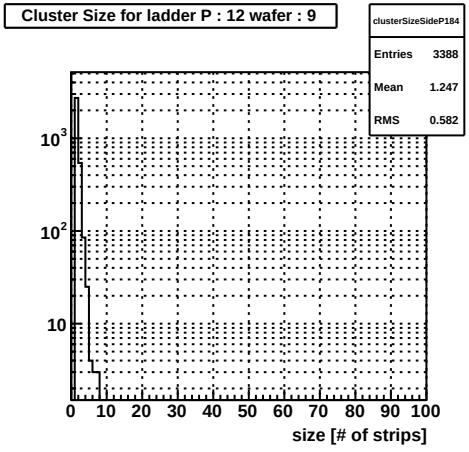

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 9420
Mean 1.06
RMS 0.2672
size [# of strips]

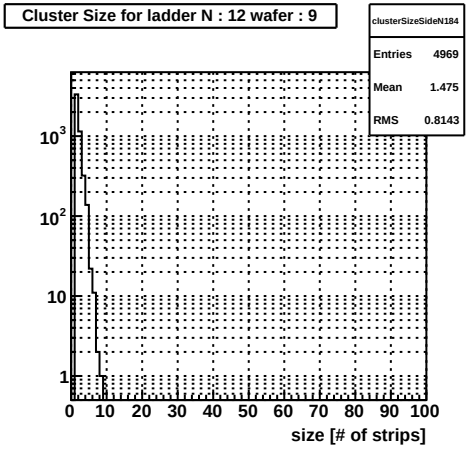

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7137
Mean 1.582
RMS 0.9213
size [# of strips]

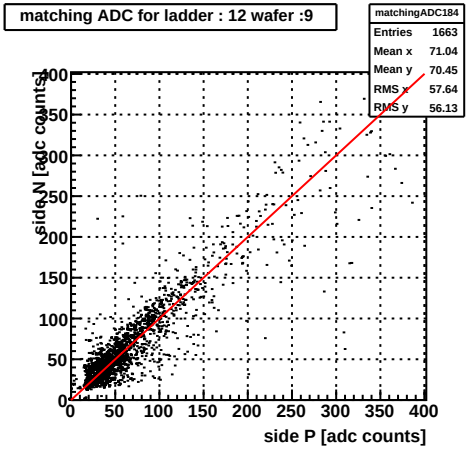

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 762
Mean x 61.55
Mean y 56.56
RMS x 56.39
RMS y 49.21
side N [adc counts]
side P [adc counts]

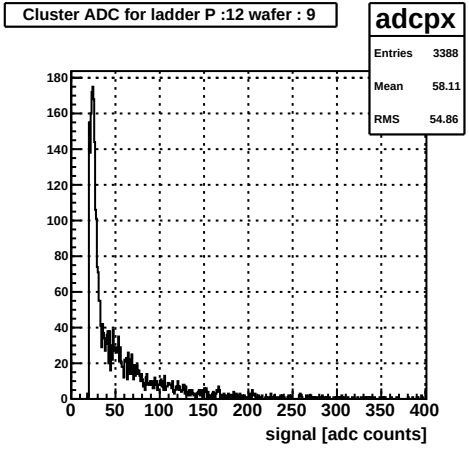

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 9420
Mean 28.62
RMS 24.66
signal [adc counts]

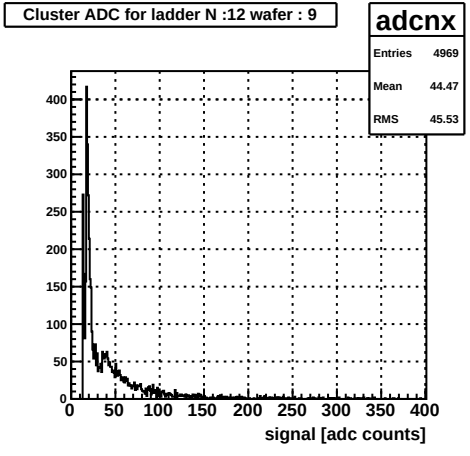

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7137
Mean 37.7
RMS 36.11
signal [adc counts]

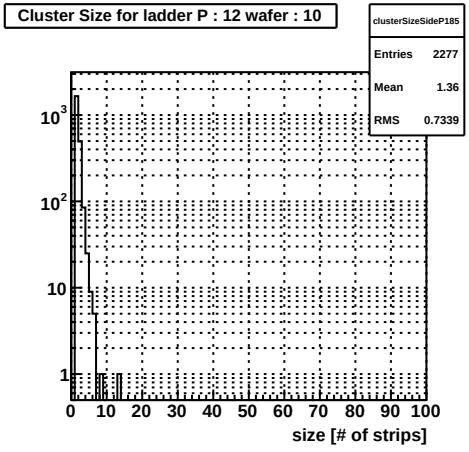

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3388
Mean 1.247
RMS 0.582
size [# of strips]

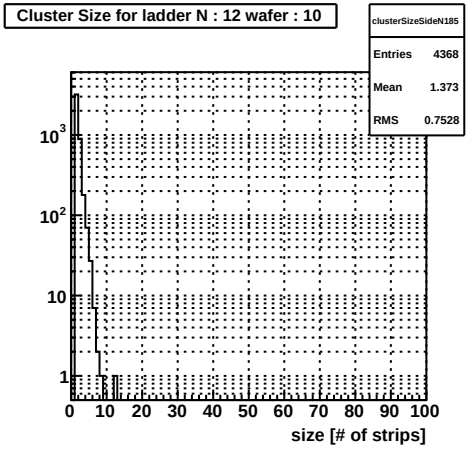

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4969
Mean 1.475
RMS 0.8143
size [# of strips]

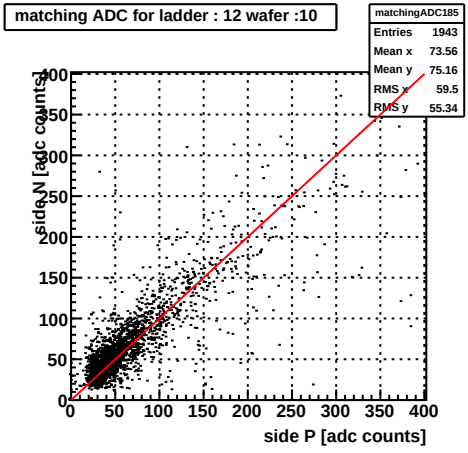

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1663
Mean x 71.04
Mean y 70.45
RMS x 57.64
RMS y 56.13
side N [adc counts]
side P [adc counts]

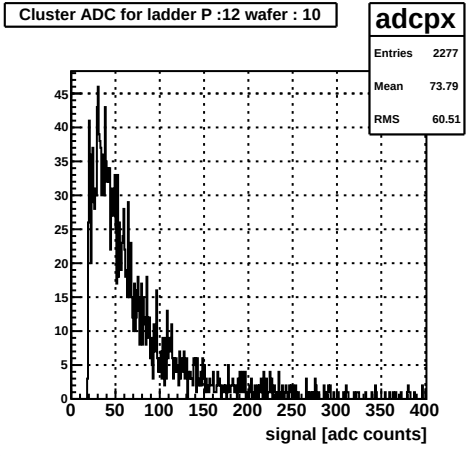

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3388
Mean 58.11
RMS 54.86
signal [adc counts]

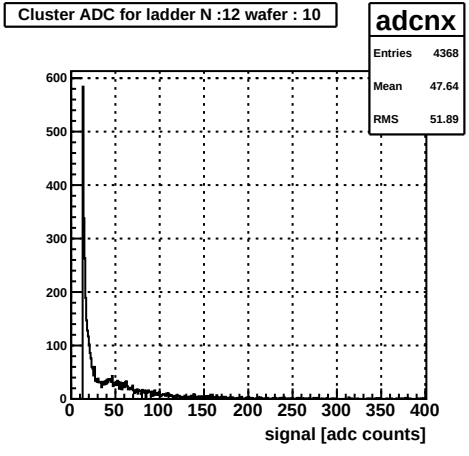

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4969
Mean 44.47
RMS 45.53
signal [adc counts]

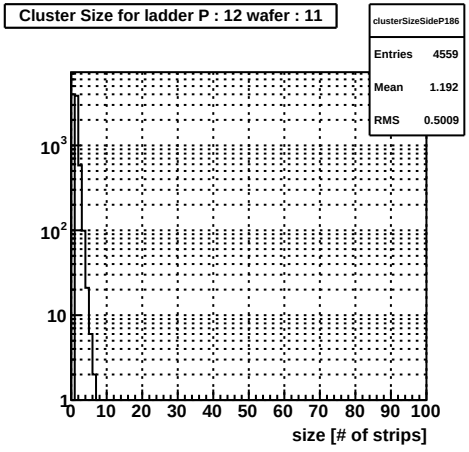

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2277
Mean 1.36
RMS 0.7339
size [# of strips]

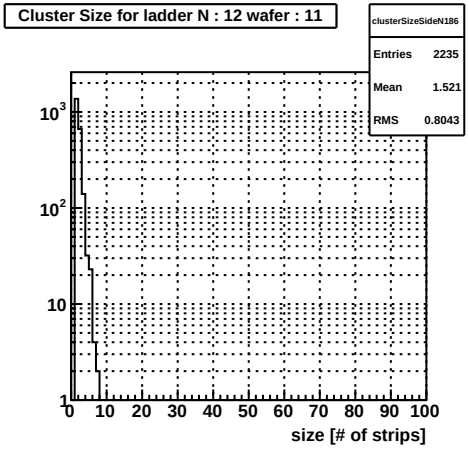

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4368
Mean 1.373
RMS 0.7528
size [# of strips]

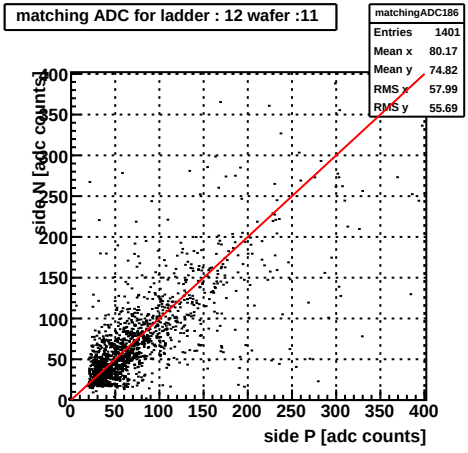

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1943
Mean x 73.56
Mean y 75.16
RMS x 59.5
RMS y 55.34
side N [adc counts]
side P [adc counts]

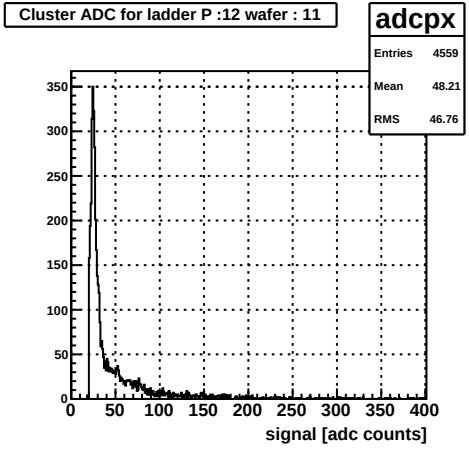

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2277
Mean 73.79
RMS 60.51
signal [adc counts]

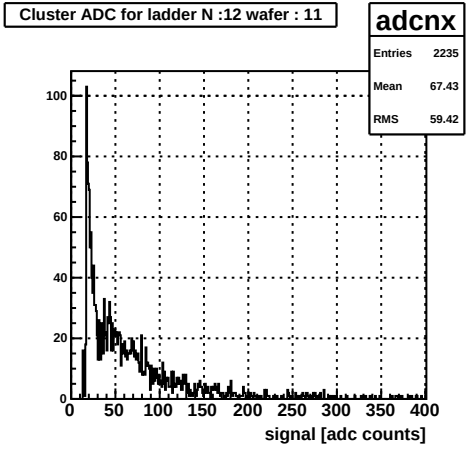

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4368
Mean 47.64
RMS 51.89
signal [adc counts]

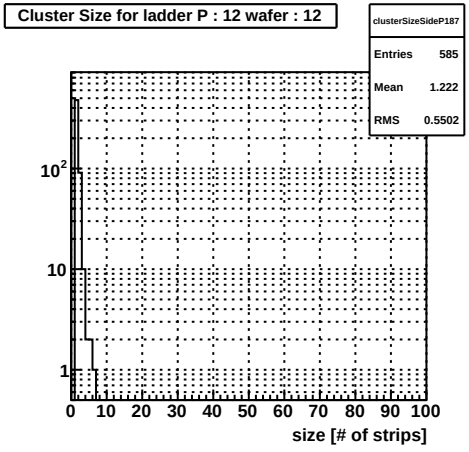

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4559
Mean 1.192
RMS 0.5009
size [# of strips]

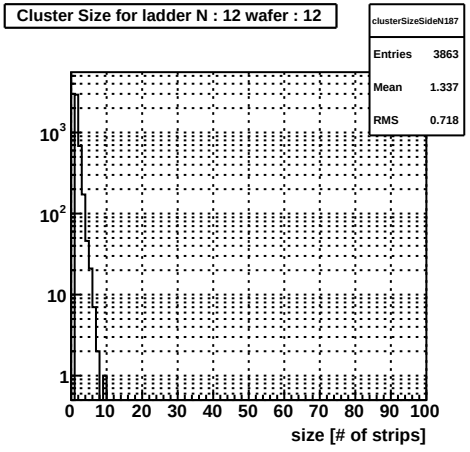

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2235
Mean 1.521
RMS 0.8043
size [# of strips]

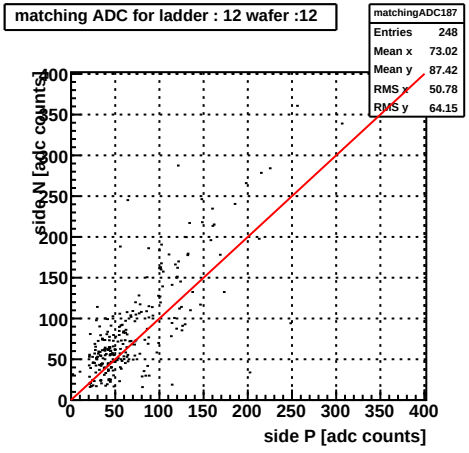

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1401
Mean x 80.17
Mean y 74.82
RMS x 57.99
RMS y 55.69
side N [adc counts]
side P [adc counts]

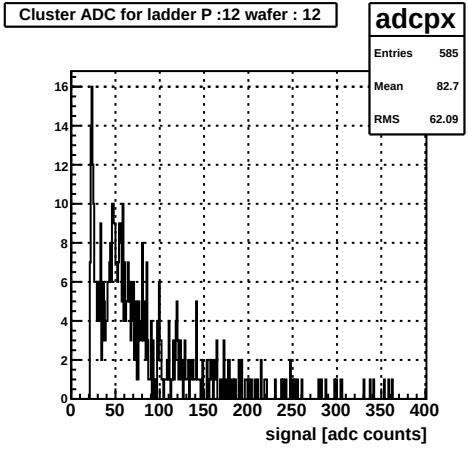

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4559
Mean 48.21
RMS 46.76
signal [adc counts]

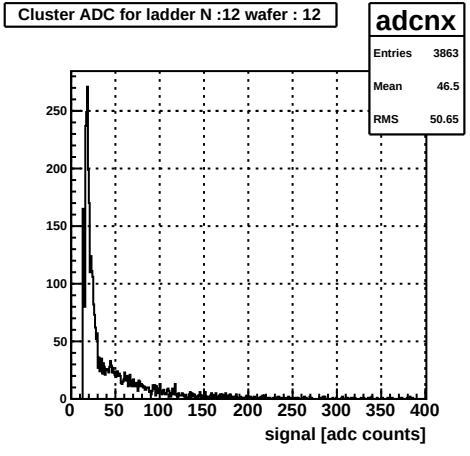

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2235
Mean 67.43
RMS 59.42
signal [adc counts]

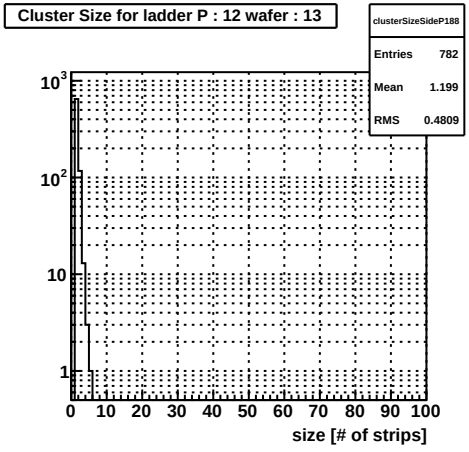

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 585
Mean 1.222
RMS 0.5502
size [# of strips]

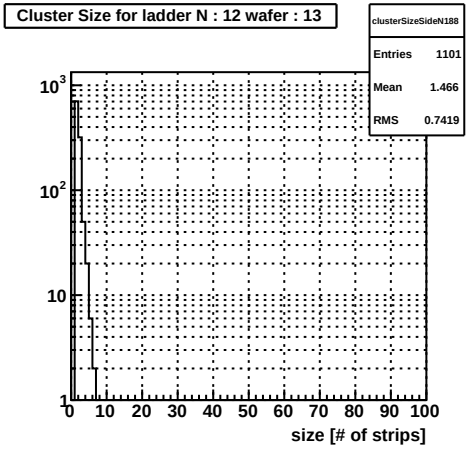

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3863
Mean 1.337
RMS 0.718
size [# of strips]

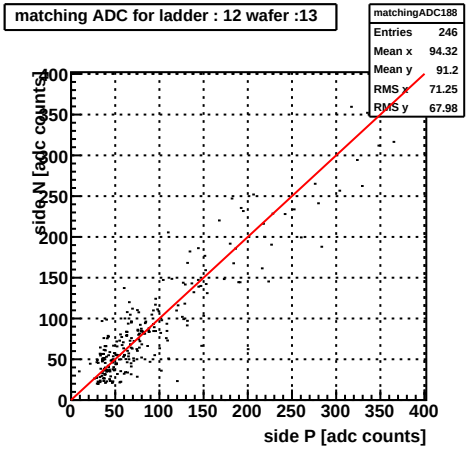

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 248
Mean x 73.02
Mean y 87.42
RMS x 50.78
RMS y 64.15
side N [adc counts]
side P [adc counts]

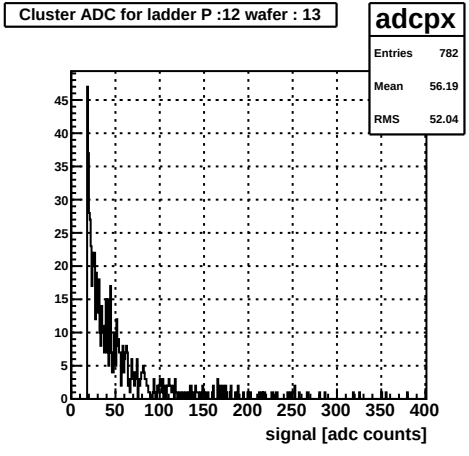

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 585
Mean 82.7
RMS 62.09
signal [adc counts]

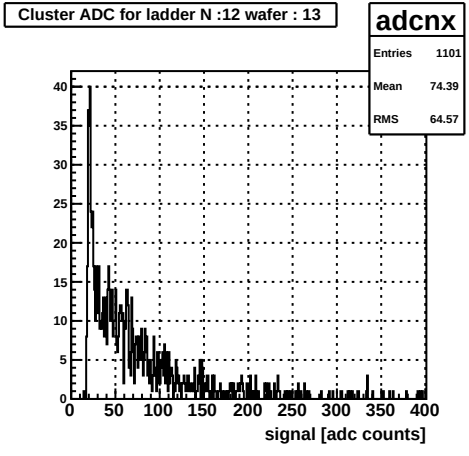

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3863
Mean 46.5
RMS 50.65
signal [adc counts]

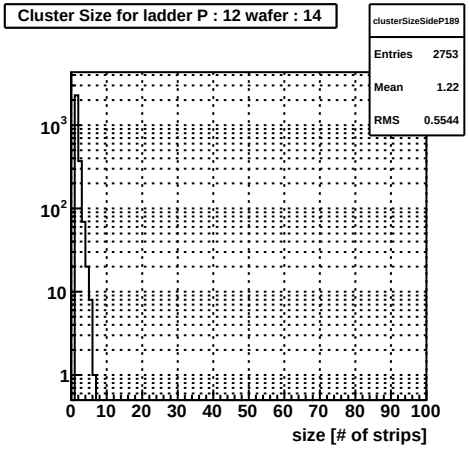

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 782
Mean 1.199
RMS 0.4809
size [# of strips]

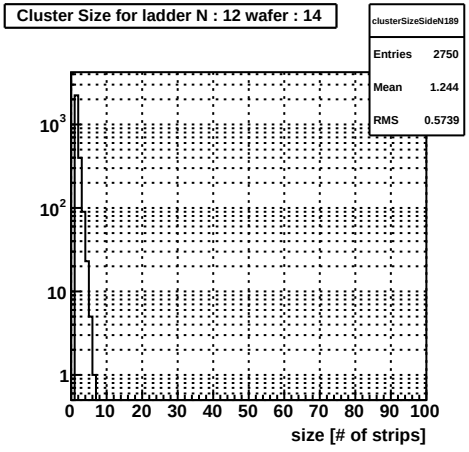

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1101
Mean 1.466
RMS 0.7419
size [# of strips]

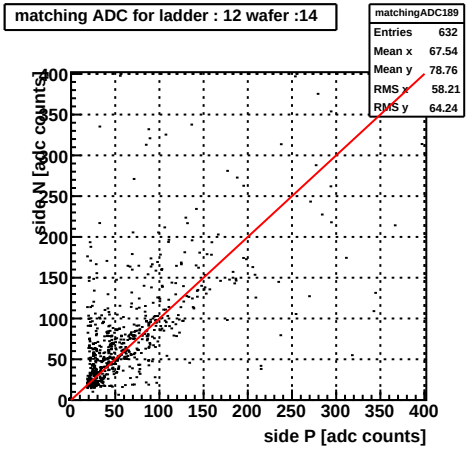

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 246
Mean x 94.32
Mean y 91.2
RMS x 71.25
RMS y 67.98
side N [adc counts]
side P [adc counts]

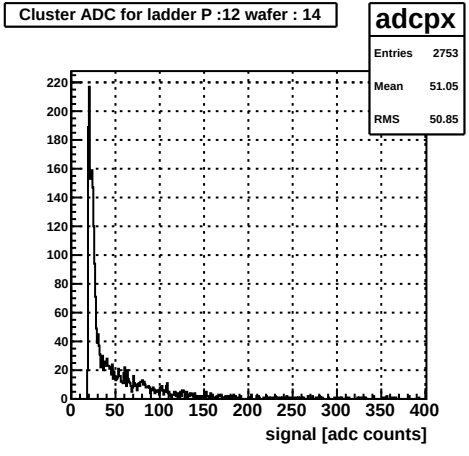

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 782
Mean 56.19
RMS 52.04
signal [adc counts]

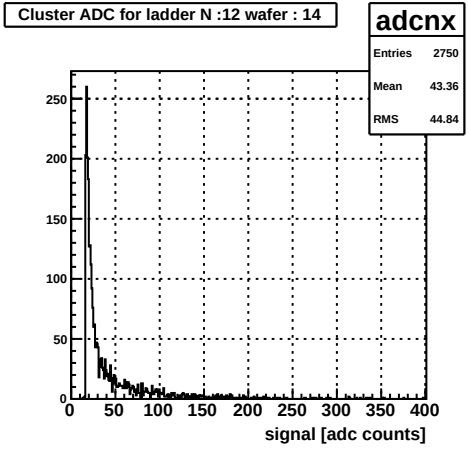

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1101
Mean 74.39
RMS 64.57
signal [adc counts]

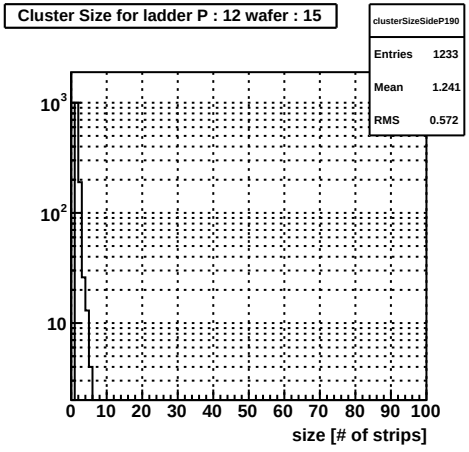

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2753
Mean 1.22
RMS 0.5544
size [# of strips]

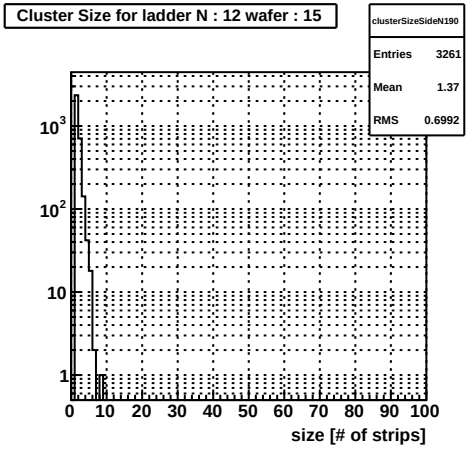

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2750
Mean 1.244
RMS 0.5739
size [# of strips]

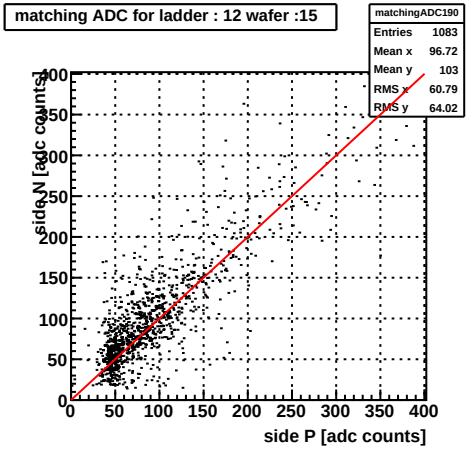

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 632
Mean x 67.54
Mean y 78.76
RMS x 58.21
RMS y 64.24
side N [adc counts]
side P [adc counts]

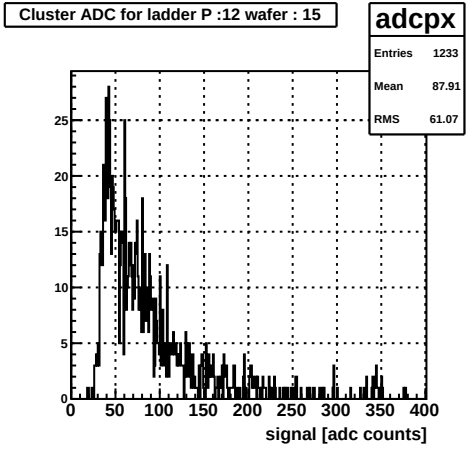

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2753
Mean 51.05
RMS 50.85
signal [adc counts]

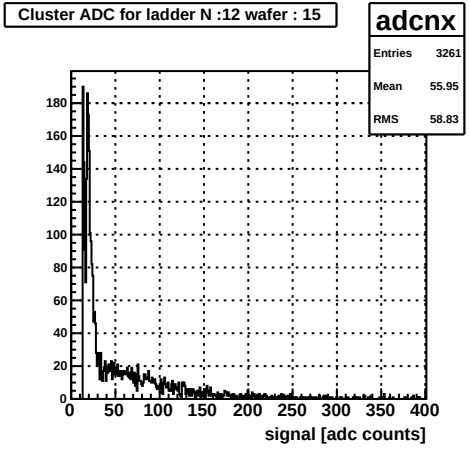

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2750
Mean 43.36
RMS 44.84
signal [adc counts]

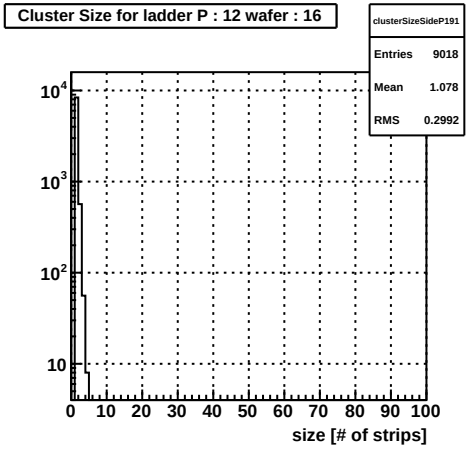

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1233
Mean 1.241
RMS 0.572
size [# of strips]

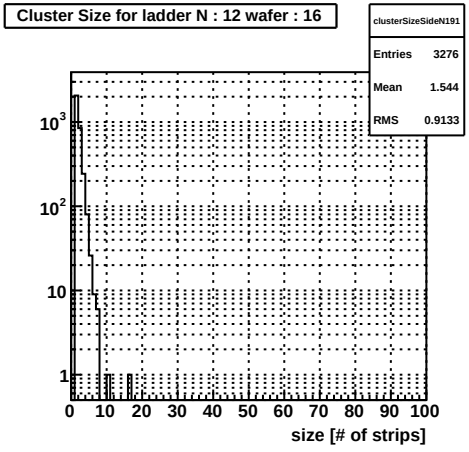

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3261
Mean 1.37
RMS 0.6992
size [# of strips]

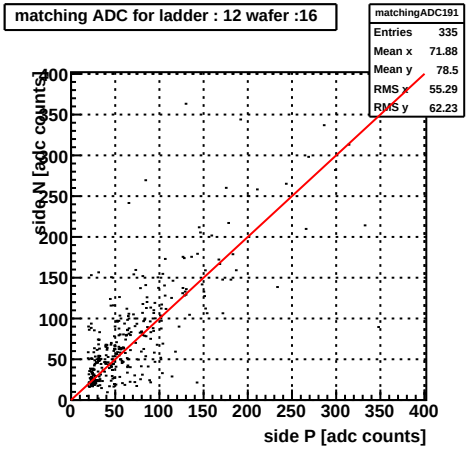

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1083
Mean x 96.72
Mean y 103
RMS x 60.79
RMS y 64.02
side N [adc counts]
side P [adc counts]

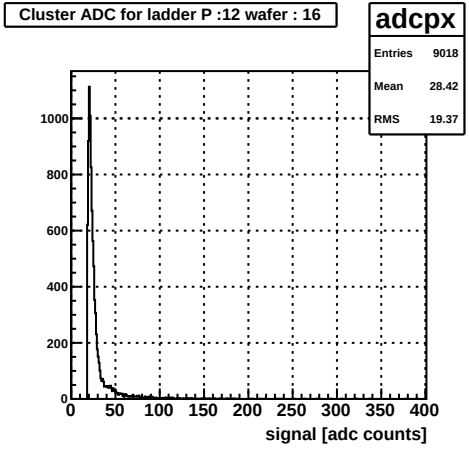

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1233
Mean 87.91
RMS 61.07
signal [adc counts]

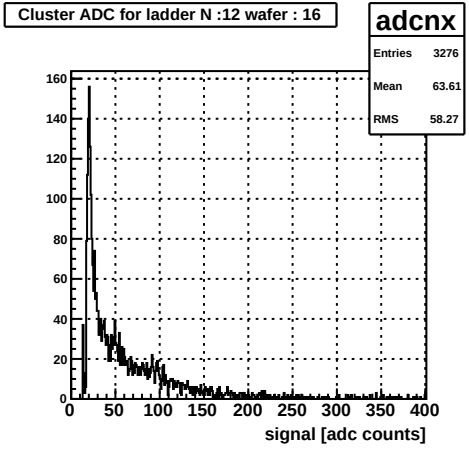

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3261
Mean 55.95
RMS 58.83
signal [adc counts]

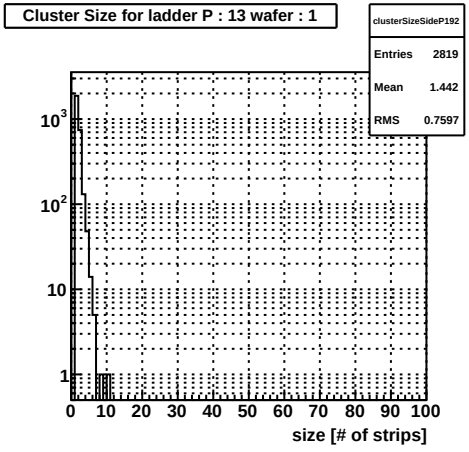

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 9018
Mean 1.078
RMS 0.2992
size [# of strips]

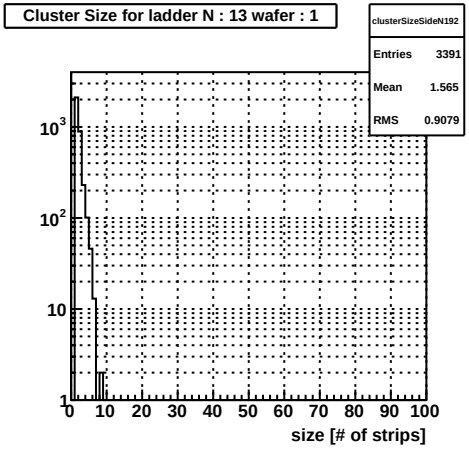

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3276
Mean 1.544
RMS 0.9133
size [# of strips]

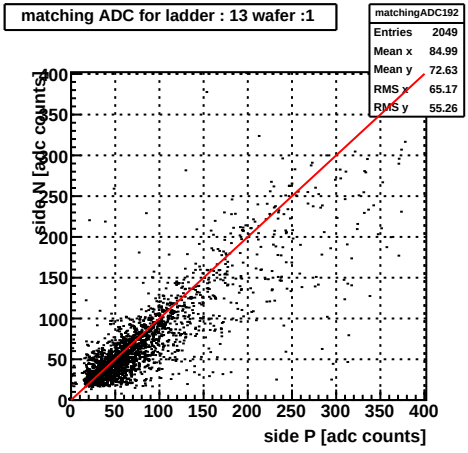

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 335
Mean x 71.88
Mean y 78.5
RMS x 55.29
RMS y 62.23
side N [adc counts]
side P [adc counts]

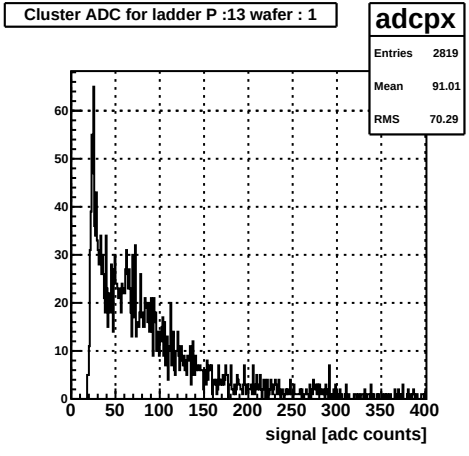

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 9018
Mean 28.42
RMS 19.37
signal [adc counts]

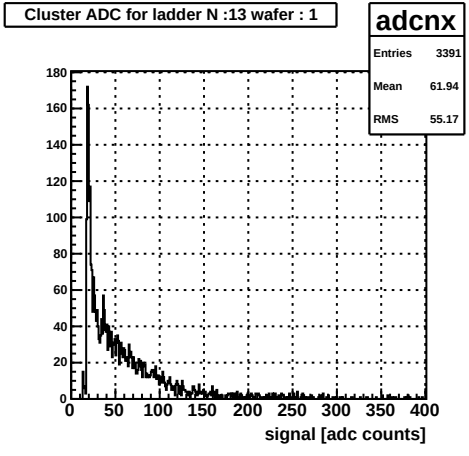

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3276
Mean 63.61
RMS 58.27
signal [adc counts]

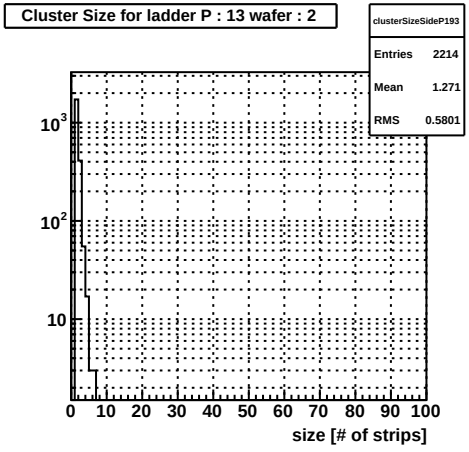

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2819
Mean 1.442
RMS 0.7597
size [# of strips]

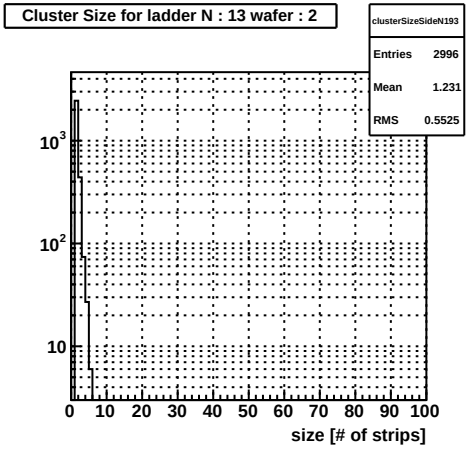

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3391
Mean 1.565
RMS 0.9079
size [# of strips]

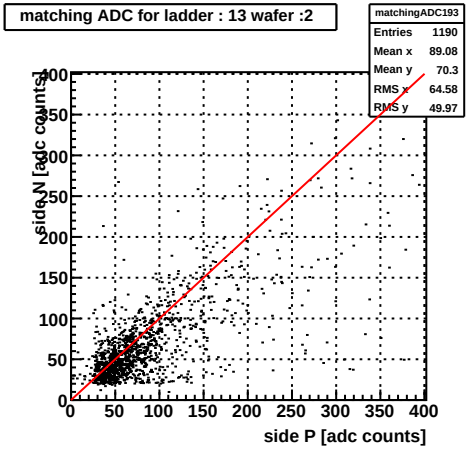

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2049
Mean x 84.99
Mean y 72.63
RMS x 65.17
RMS y 55.26
side N [adc counts]
side P [adc counts]

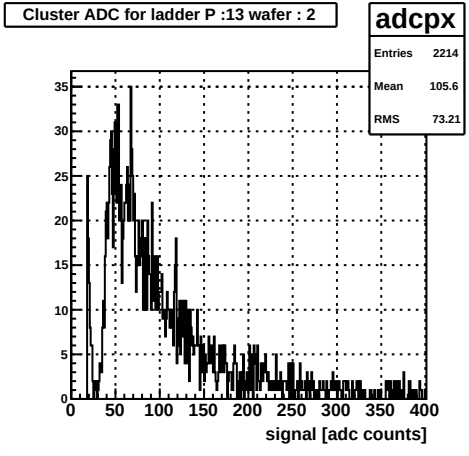

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2819
Mean 91.01
RMS 70.29
signal [adc counts]

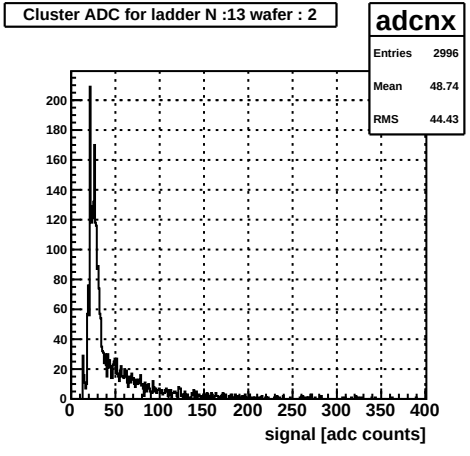

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3391
Mean 61.94
RMS 55.17
signal [adc counts]

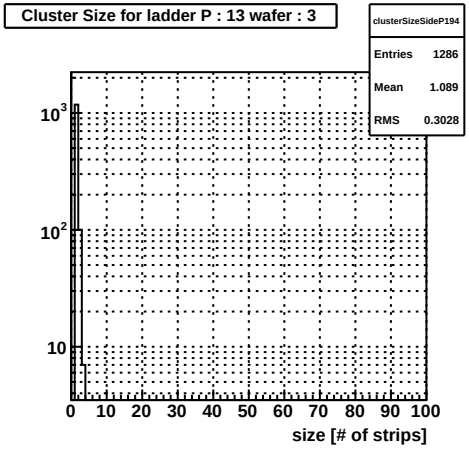

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2214
Mean 1.271
RMS 0.5801
size [# of strips]

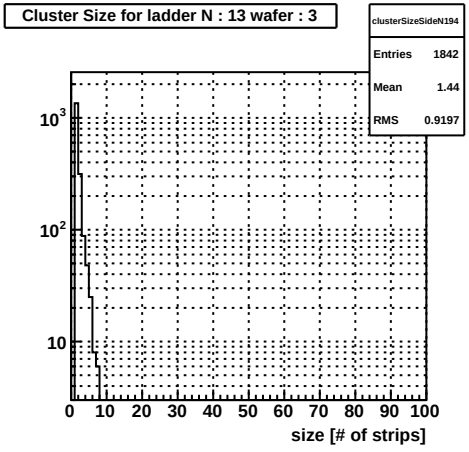

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2996
Mean 1.231
RMS 0.5525
size [# of strips]

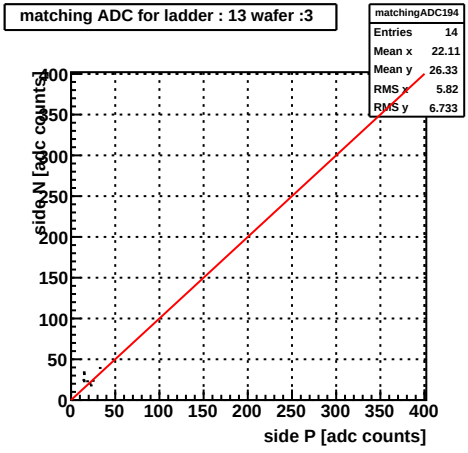

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1190
Mean x 89.08
Mean y 70.3
RMS x 64.58
RMS y 49.97
side N [adc counts]
side P [adc counts]

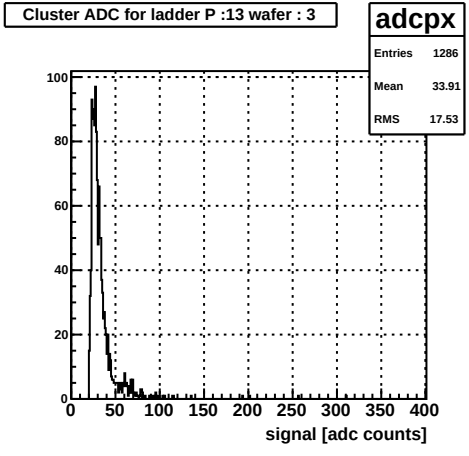

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2214
Mean 105.6
RMS 73.21
signal [adc counts]

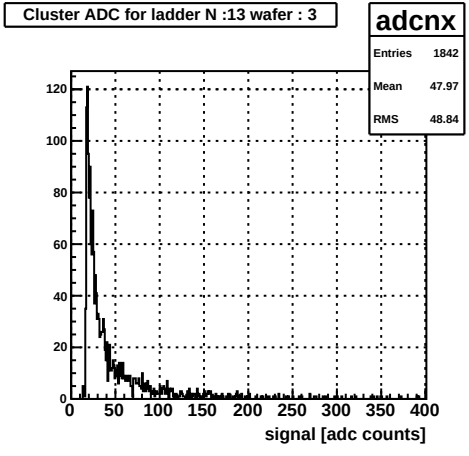

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2996
Mean 48.74
RMS 44.43
signal [adc counts]

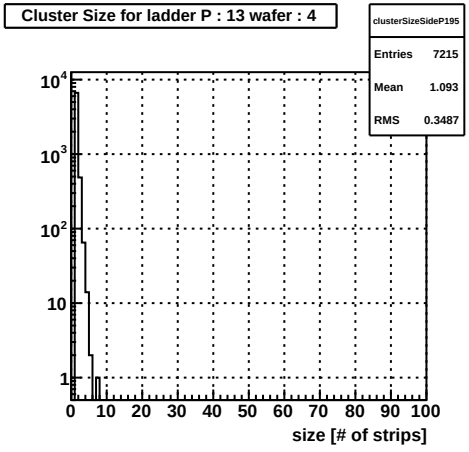

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1286
Mean 1.089
RMS 0.3028
size [# of strips]

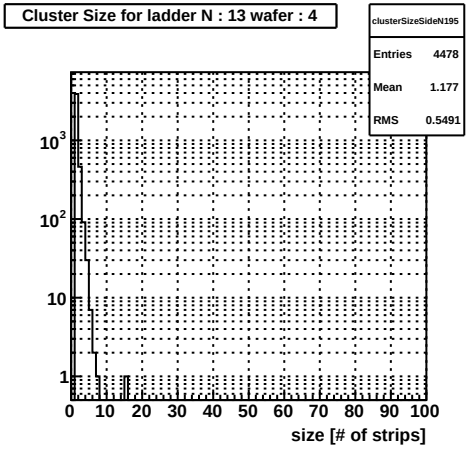

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1842
Mean 1.44
RMS 0.9197
size [# of strips]

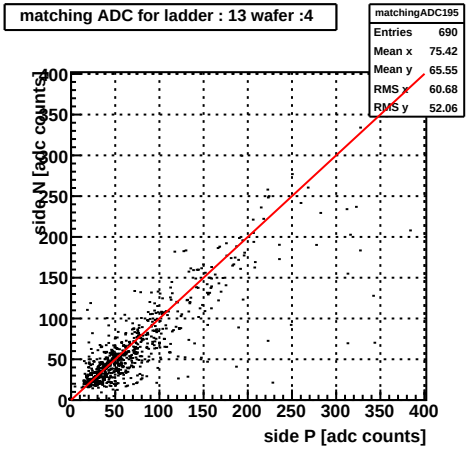

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 14
Mean x 22.11
Mean y 26.33
RMS x 5.82
RMS y 6.733
side N [adc counts]
side P [adc counts]

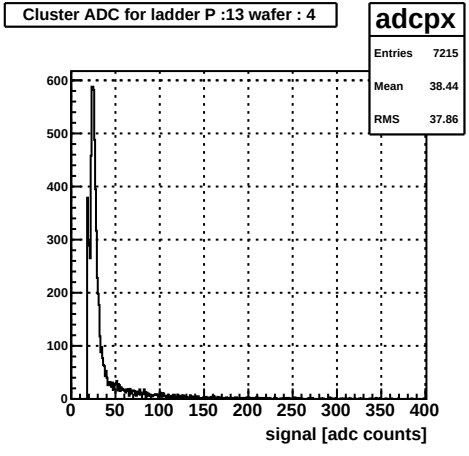

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1286
Mean 33.91
RMS 17.53
signal [adc counts]

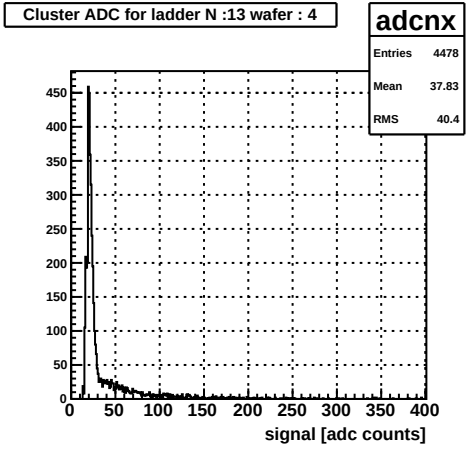

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1842
Mean 47.97
RMS 48.84
signal [adc counts]

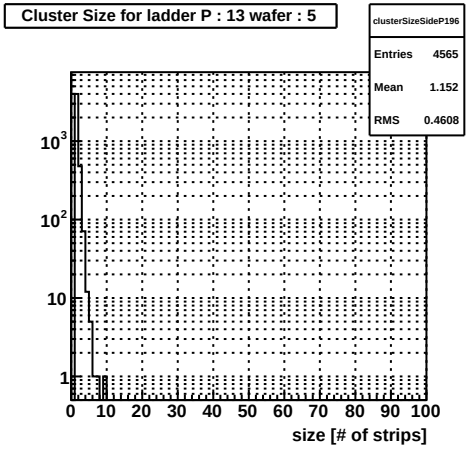

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7215
Mean 1.093
RMS 0.3487
size [# of strips]

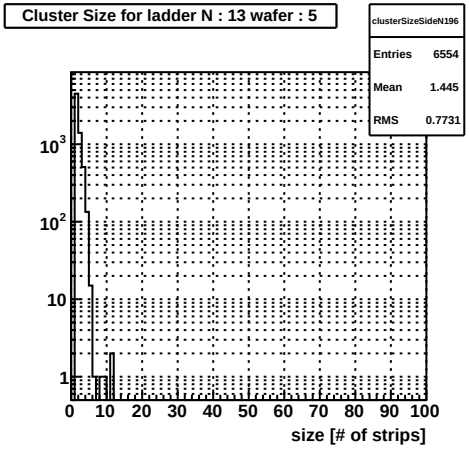

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4478
Mean 1.177
RMS 0.5491
size [# of strips]

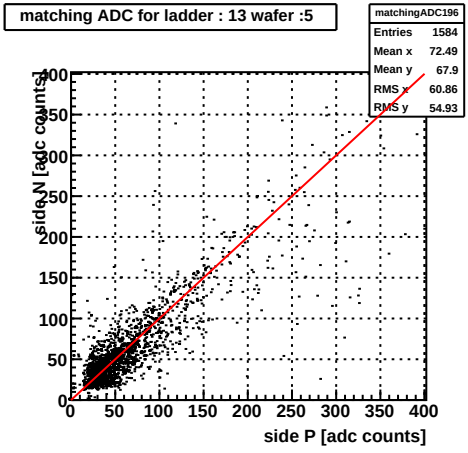

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 690
Mean x 75.42
Mean y 65.55
RMS x 60.68
RMS y 52.06
side N [adc counts]
side P [adc counts]

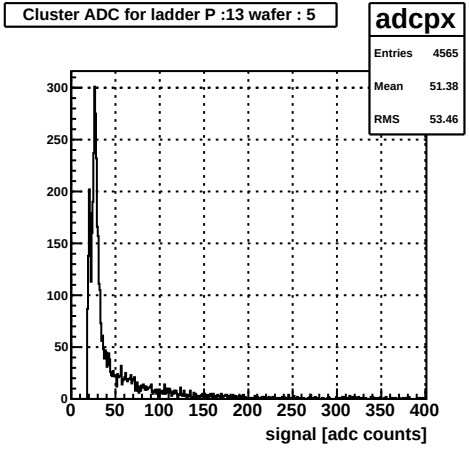

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7215
Mean 38.44
RMS 37.86
signal [adc counts]

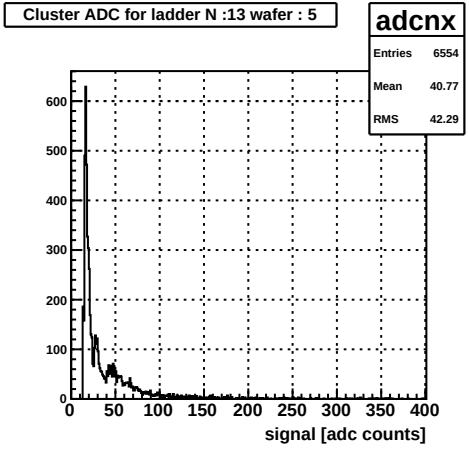

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4478
Mean 37.83
RMS 40.4
signal [adc counts]

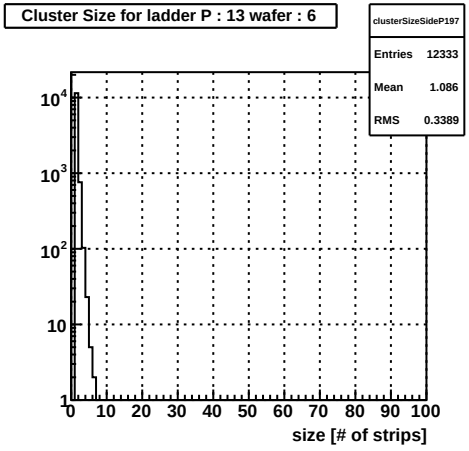

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4565
Mean 1.152
RMS 0.4608
size [# of strips]

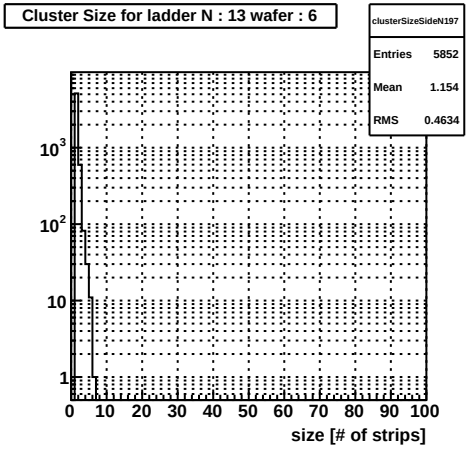

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6554
Mean 1.445
RMS 0.7731
size [# of strips]

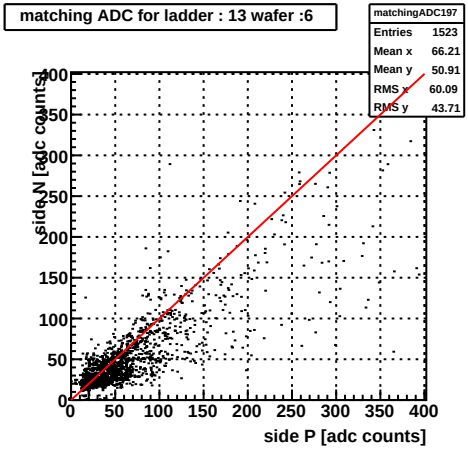

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1584
Mean x 72.49
Mean y 67.9
RMS x 60.86
RMS y 54.93
side N [adc counts]
side P [adc counts]

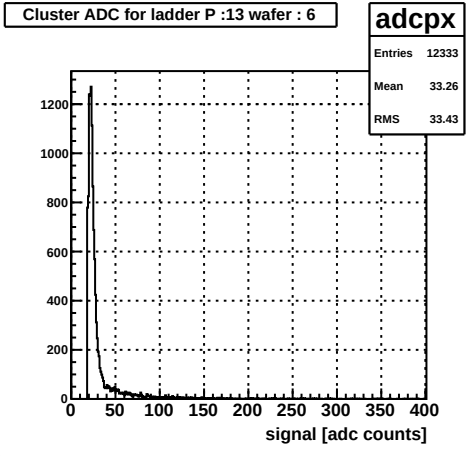

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4565
Mean 51.38
RMS 53.46
signal [adc counts]

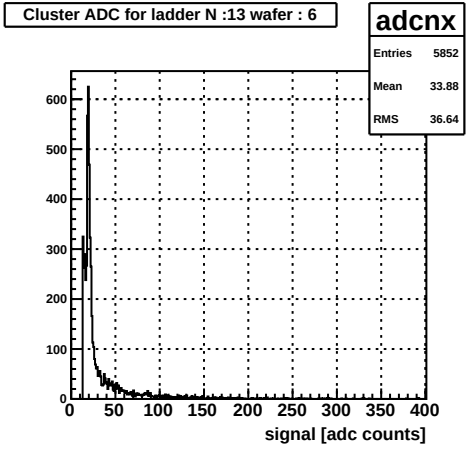

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6554
Mean 40.77
RMS 42.29
signal [adc counts]

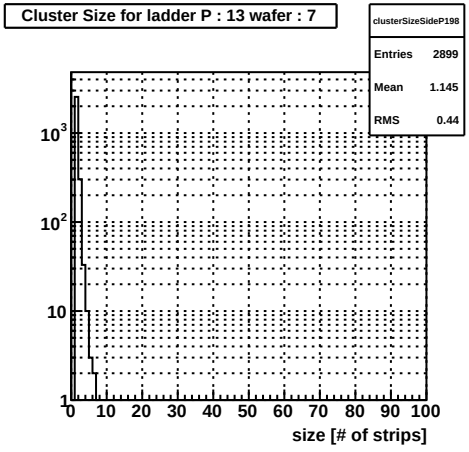

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12333
Mean 1.086
RMS 0.3389
size [# of strips]

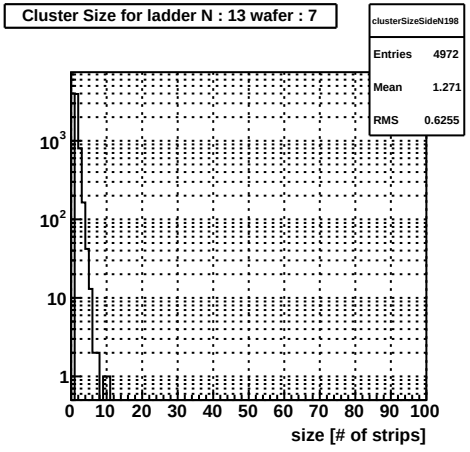

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5852
Mean 1.154
RMS 0.4634
size [# of strips]

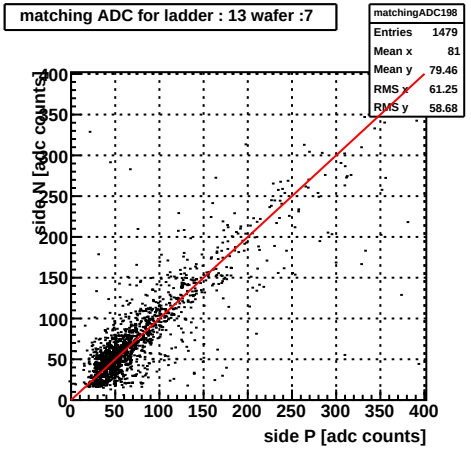

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1523
Mean x 66.21
Mean y 50.91
RMS x 60.09
RMS y 43.71
side N [adc counts]
side P [adc counts]

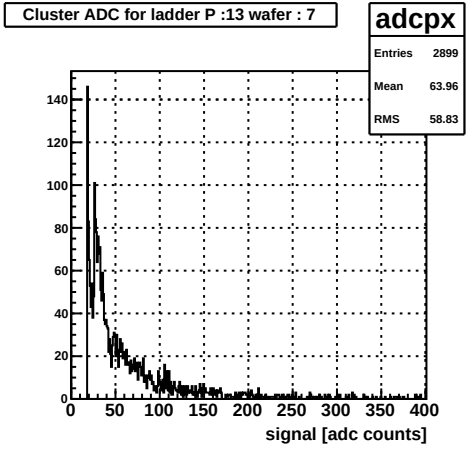

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12333
Mean 33.26
RMS 33.43
signal [adc counts]

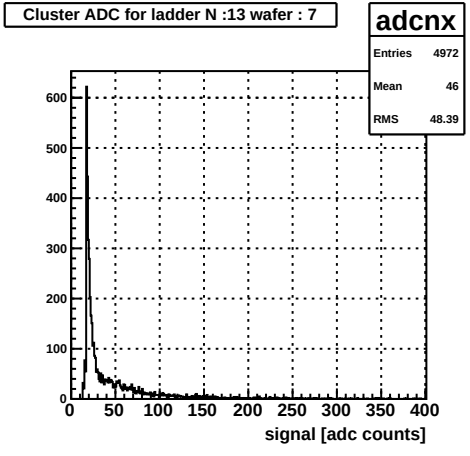

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5852
Mean 33.88
RMS 36.64
signal [adc counts]

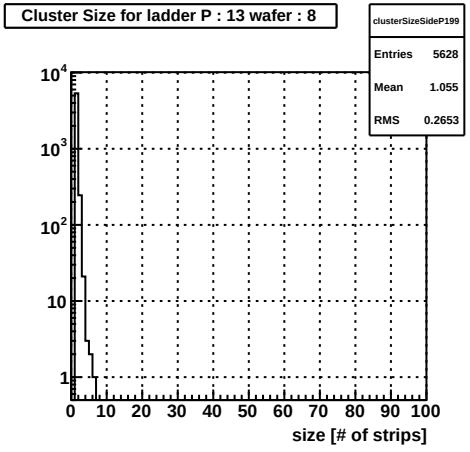

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2899
Mean 1.145
RMS 0.44
size [# of strips]

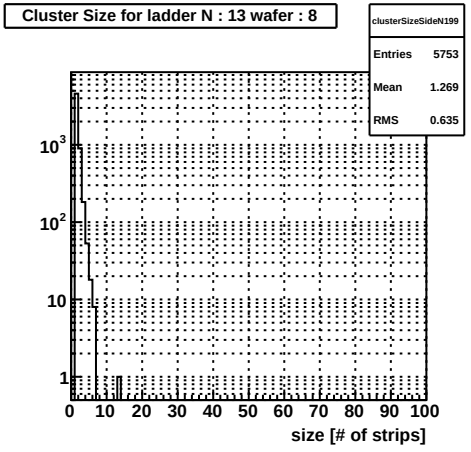

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4972
Mean 1.271
RMS 0.6255
size [# of strips]

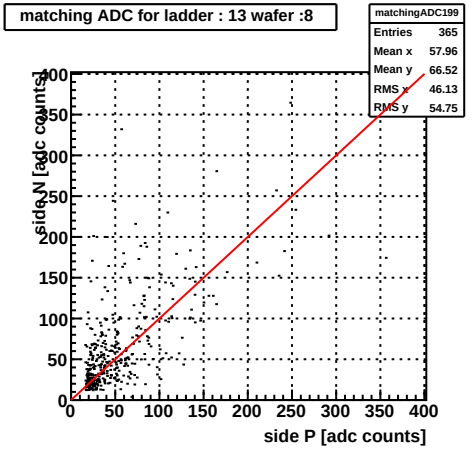

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1479
Mean x 81
Mean y 79.46
RMS x 61.25
RMS y 58.68
side N [adc counts]
side P [adc counts]

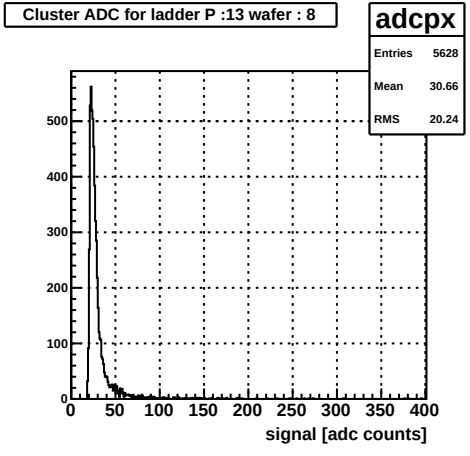

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2899
Mean 63.96
RMS 58.83
signal [adc counts]

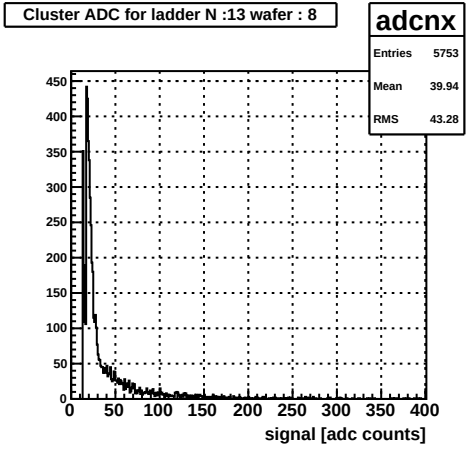

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4972
Mean 46
RMS 48.39
signal [adc counts]

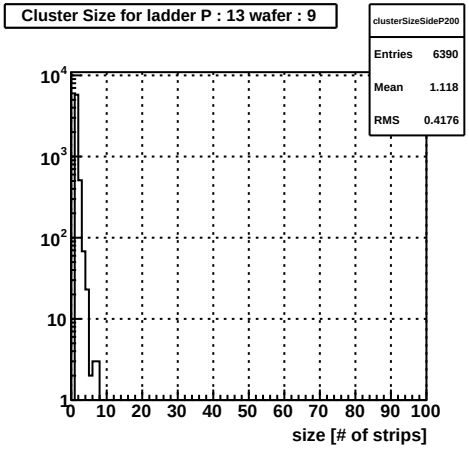

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5628
Mean 1.055
RMS 0.2653
size [# of strips]

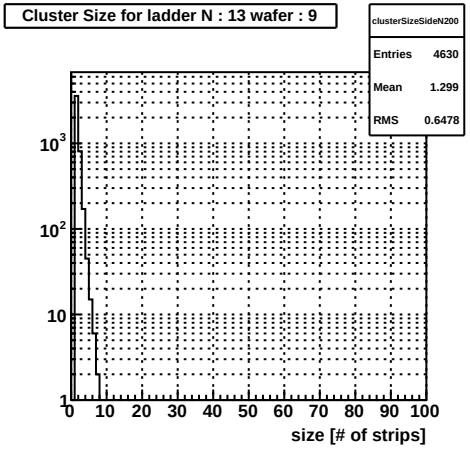

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5753
Mean 1.269
RMS 0.635
size [# of strips]

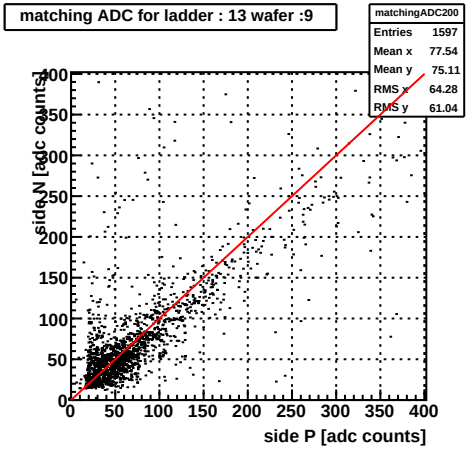

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 365
Mean x 57.96
Mean y 66.52
RMS x 46.13
RMS y 54.75
side N [adc counts]
side P [adc counts]

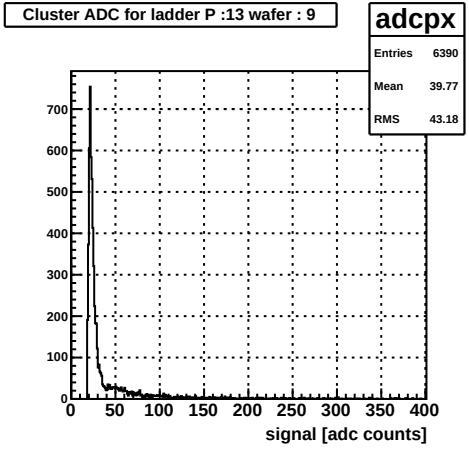

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5628
Mean 30.66
RMS 20.24
signal [adc counts]

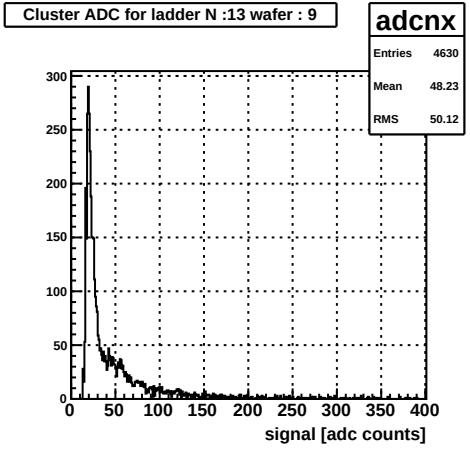

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5753
Mean 39.94
RMS 43.28
signal [adc counts]

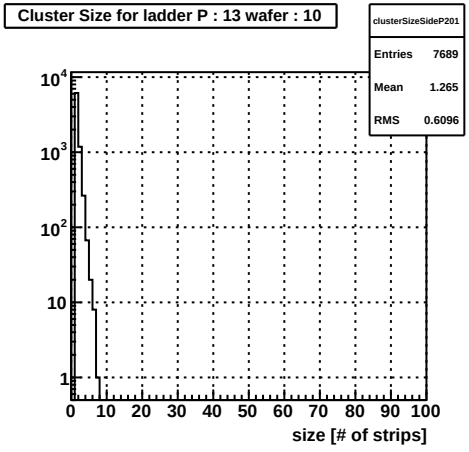

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6390
Mean 1.118
RMS 0.4176
size [# of strips]

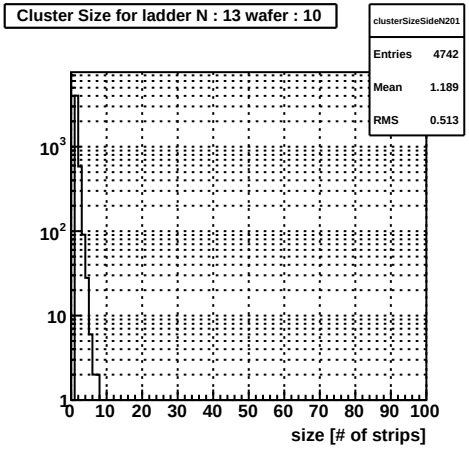

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4630
Mean 1.299
RMS 0.6478
size [# of strips]

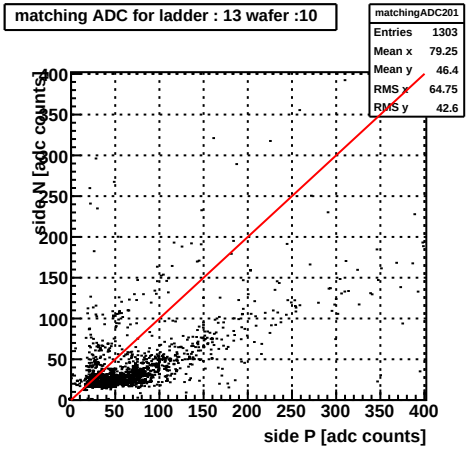

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1597
Mean x 77.54
Mean y 75.11
RMS x 64.28
RMS y 61.04
side N [adc counts]
side P [adc counts]

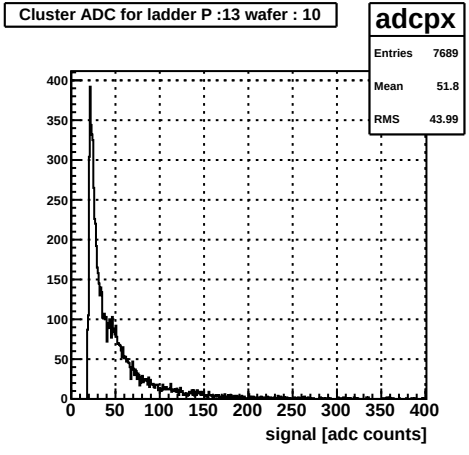

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6390
Mean 39.77
RMS 43.18
signal [adc counts]

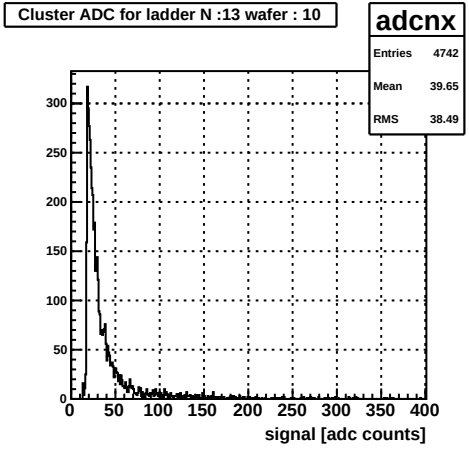

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4630
Mean 48.23
RMS 50.12
signal [adc counts]

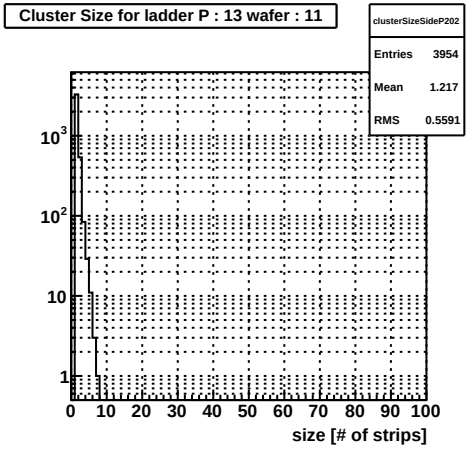

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7689
Mean 1.265
RMS 0.6096
size [# of strips]

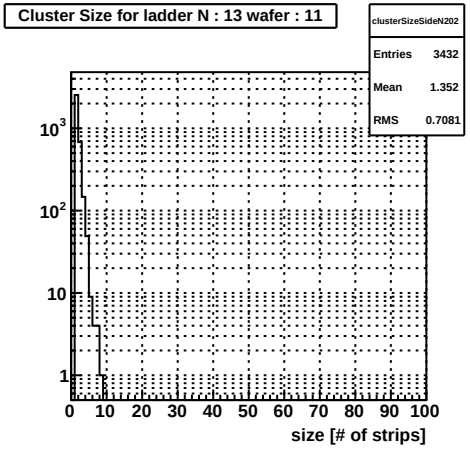

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4742
Mean 1.189
RMS 0.513
size [# of strips]

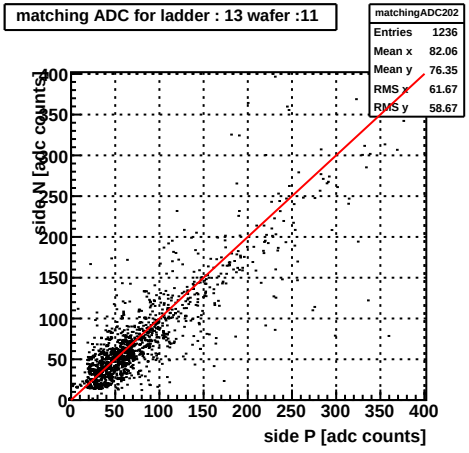

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1303
Mean x 79.25
Mean y 46.4
RMS x 64.75
RMS y 42.6
side N [adc counts]
side P [adc counts]

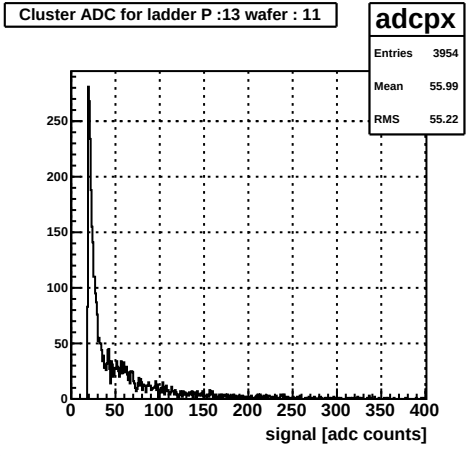

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7689
Mean 51.8
RMS 43.99
signal [adc counts]

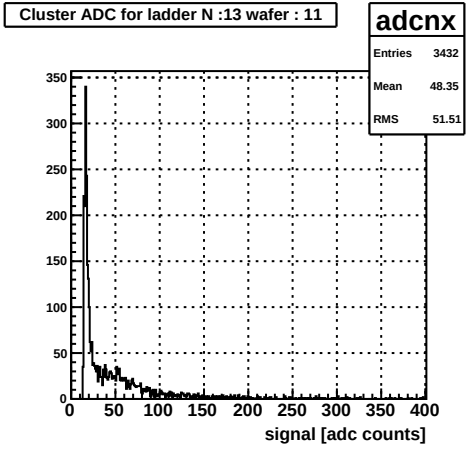

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4742
Mean 39.65
RMS 38.49
signal [adc counts]

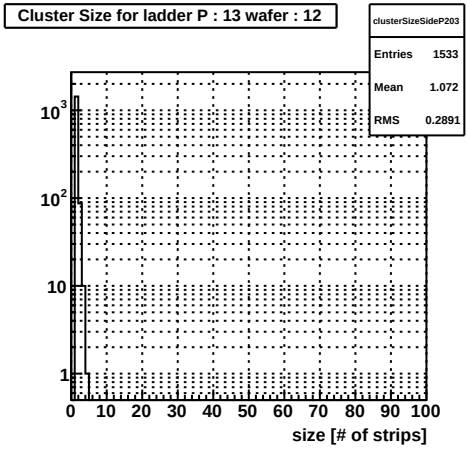

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3954
Mean 1.217
RMS 0.5591
size [# of strips]

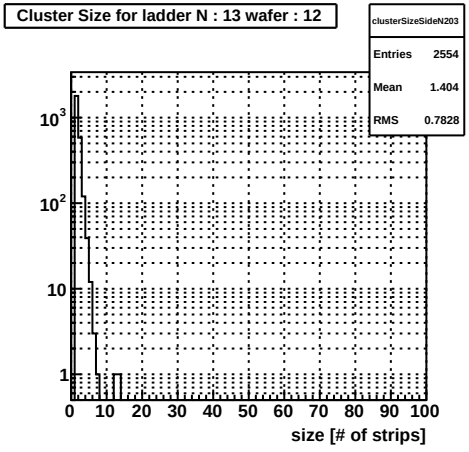

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3432
Mean 1.352
RMS 0.7081
size [# of strips]

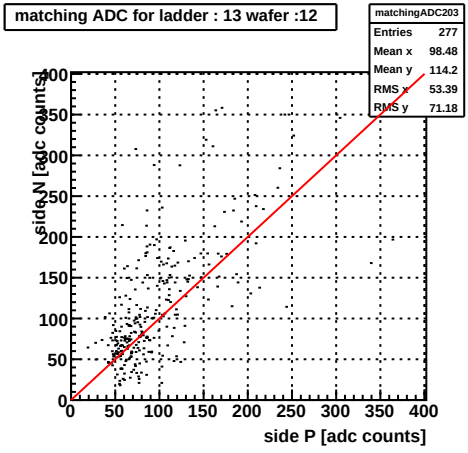

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1236
Mean x 82.06
Mean y 76.35
RMS x 61.67
RMS y 58.67
side N [adc counts]
side P [adc counts]

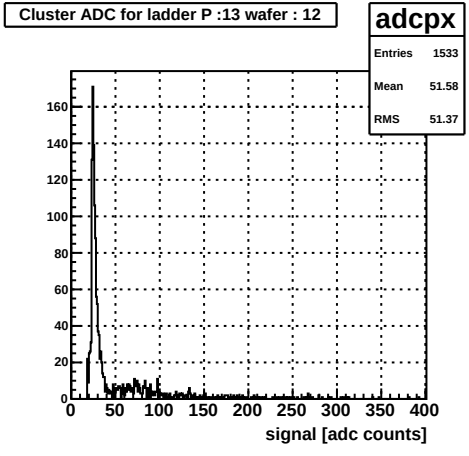

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3954
Mean 55.99
RMS 55.22
signal [adc counts]

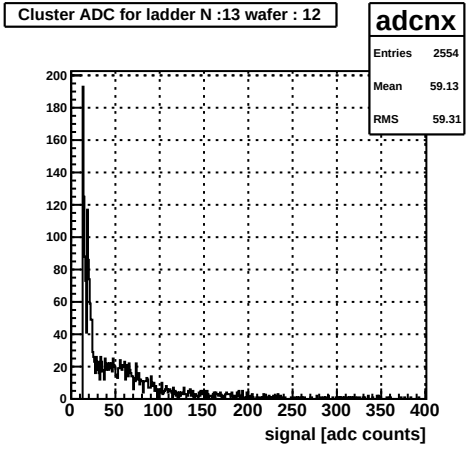

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3432
Mean 48.35
RMS 51.51
signal [adc counts]

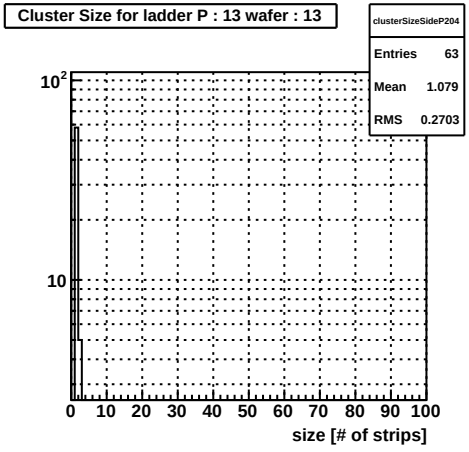

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1533
Mean 1.072
RMS 0.2891
size [# of strips]

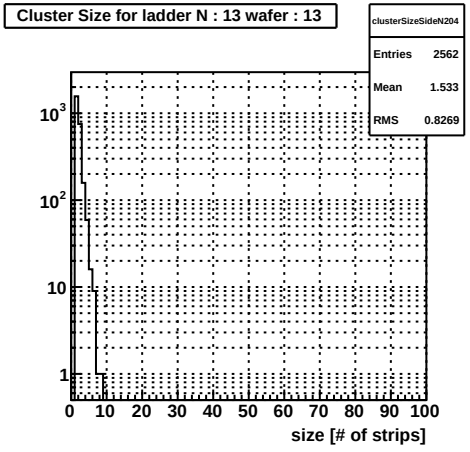

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2554
Mean 1.404
RMS 0.7828
size [# of strips]

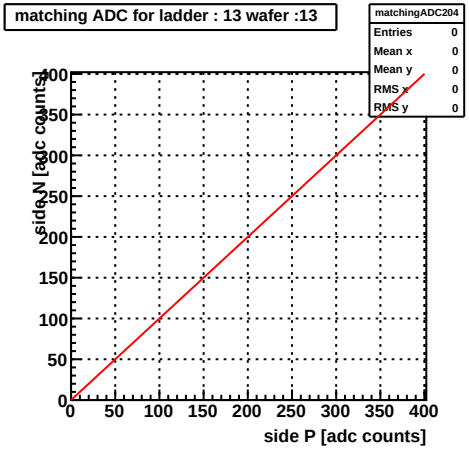

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 277
Mean x 98.48
Mean y 114.2
RMS x 53.39
RMS y 71.18
side N [adc counts]
side P [adc counts]

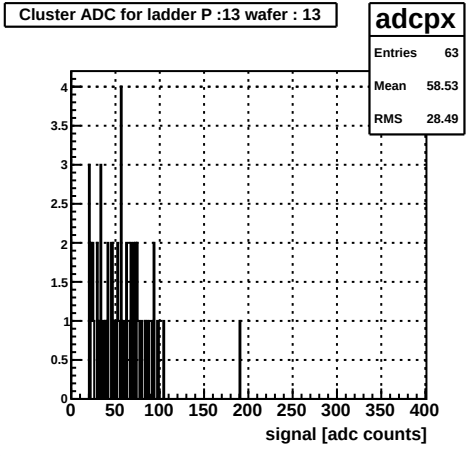

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1533
Mean 51.58
RMS 51.37
signal [adc counts]

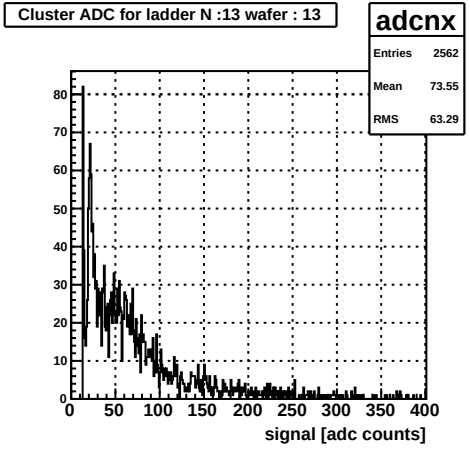

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2554
Mean 59.13
RMS 59.31
signal [adc counts]

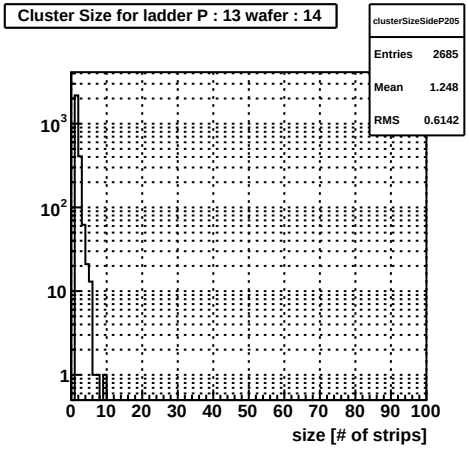

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 63
Mean 1.079
RMS 0.2703
size [# of strips]

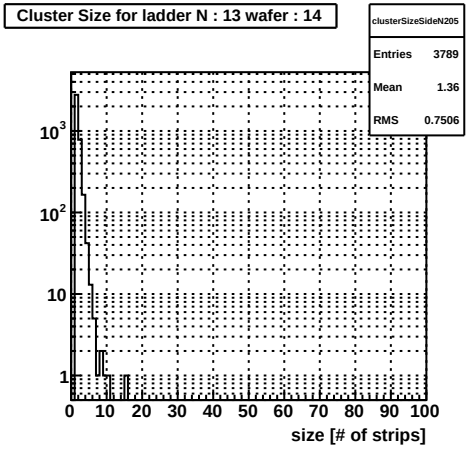

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2562
Mean 1.533
RMS 0.8269
size [# of strips]

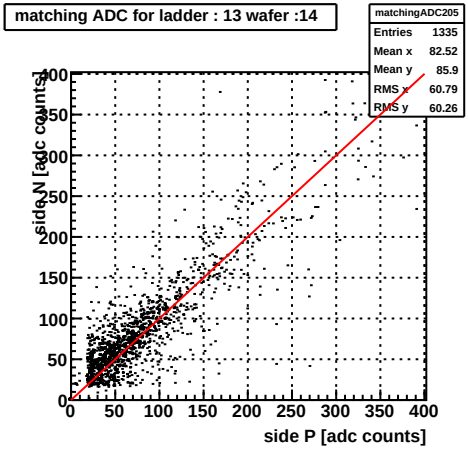

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

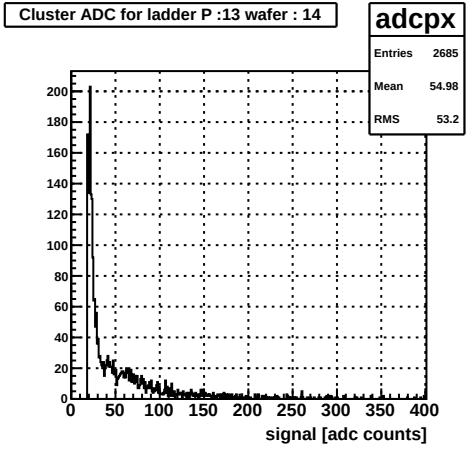

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 63
Mean 58.53
RMS 28.49
signal [adc counts]

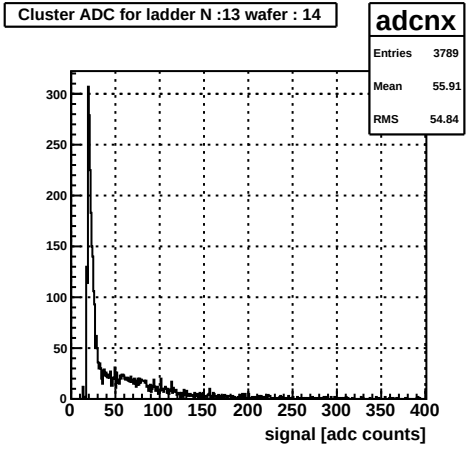

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2562
Mean 73.55
RMS 63.29
signal [adc counts]

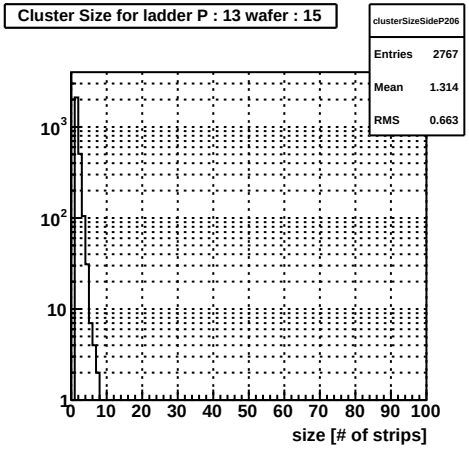

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2685
Mean 1.248
RMS 0.6142
size [# of strips]

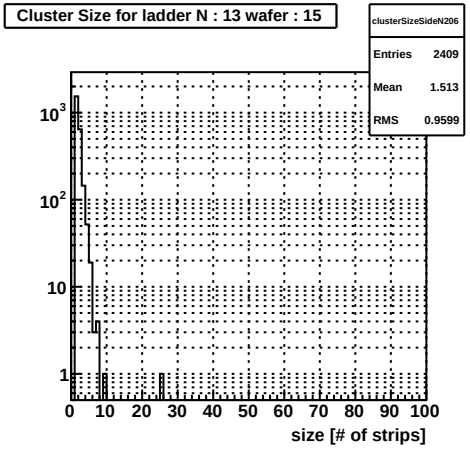

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3789
Mean 1.36
RMS 0.7506
size [# of strips]

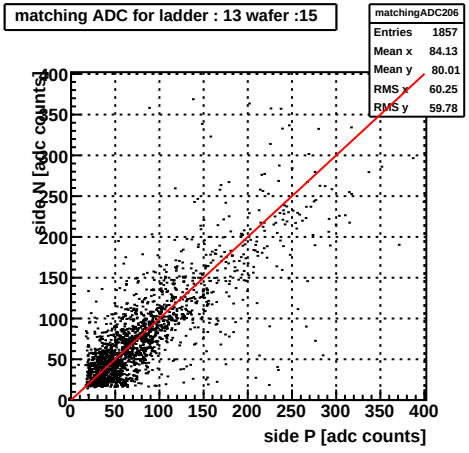

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1335
Mean x 82.52
Mean y 85.9
RMS x 60.79
RMS y 60.26
side N [adc counts]
side P [adc counts]

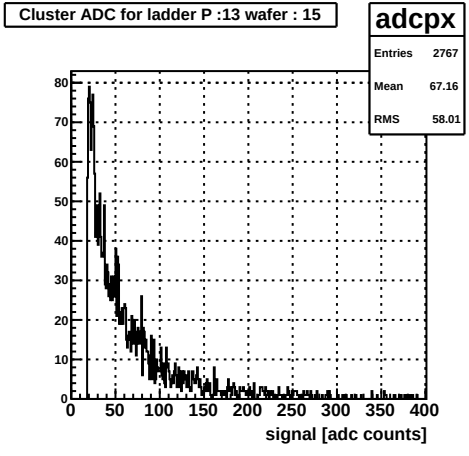

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2685
Mean 54.98
RMS 53.2
signal [adc counts]

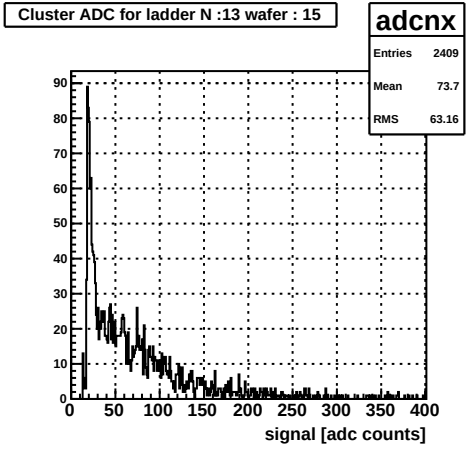

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3789
Mean 55.91
RMS 54.84
signal [adc counts]

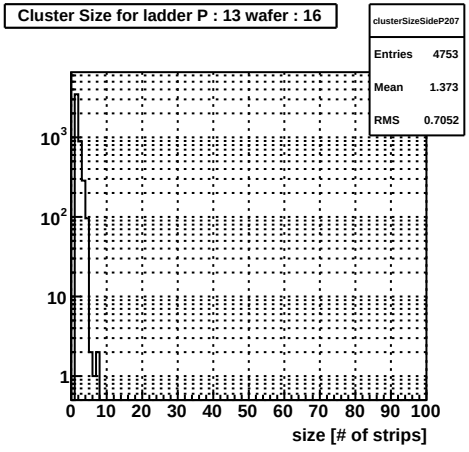

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2767
Mean 1.314
RMS 0.663
size [# of strips]

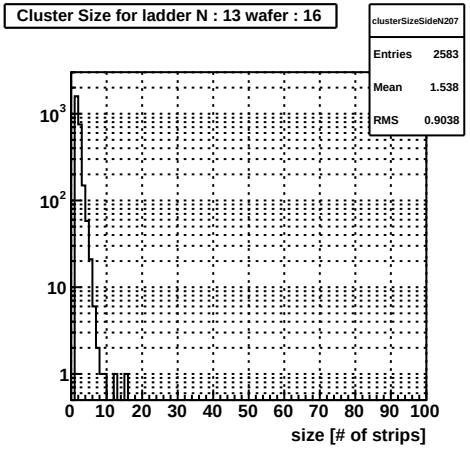

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2409
Mean 1.513
RMS 0.9599
size [# of strips]

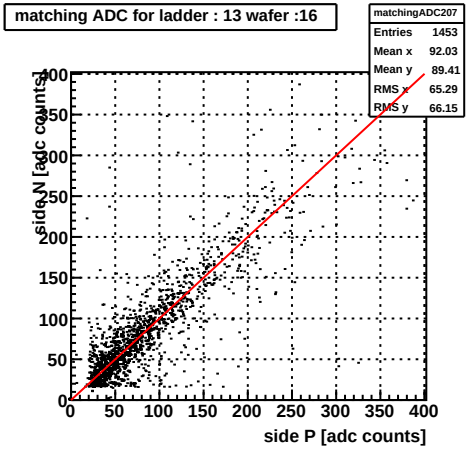

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1857
Mean x 84.13
Mean y 80.01
RMS x 60.25
RMS y 59.78
side N [adc counts]
side P [adc counts]

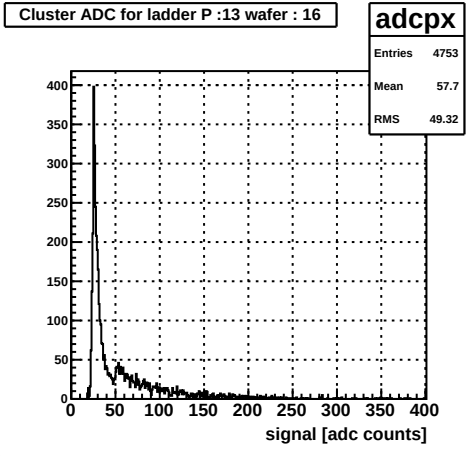

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2767
Mean 67.16
RMS 58.01
signal [adc counts]

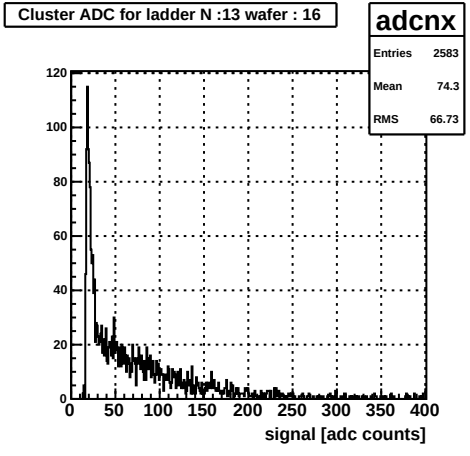

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2409
Mean 73.7
RMS 63.16
signal [adc counts]

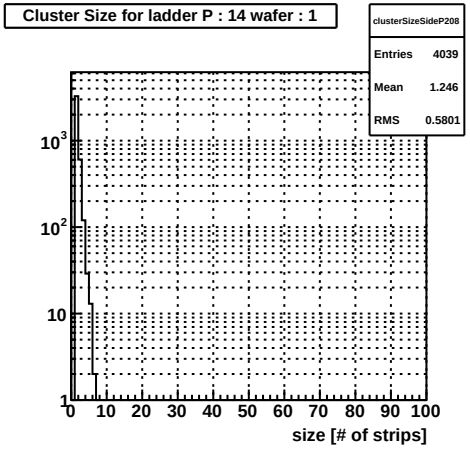

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4753
Mean 1.373
RMS 0.7052
size [# of strips]

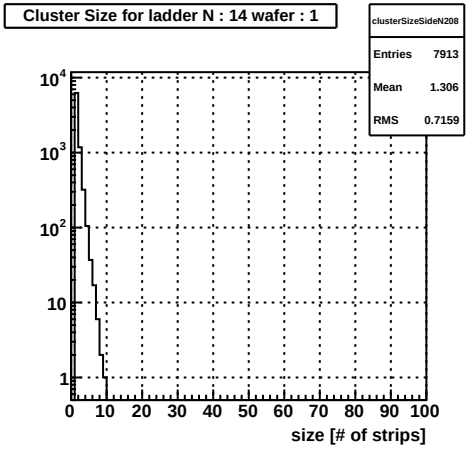

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2583
Mean 1.538
RMS 0.9038
size [# of strips]

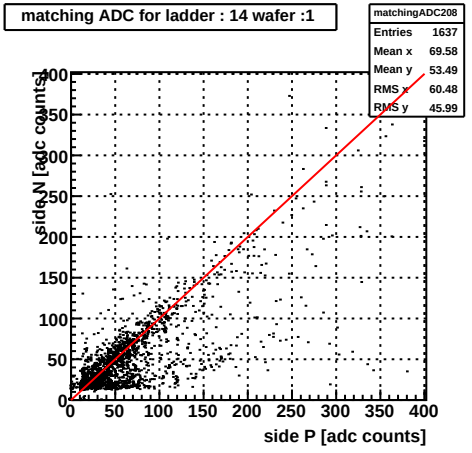

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1453
Mean x 92.03
Mean y 89.41
RMS x 65.29
RMS y 66.15
side N [adc counts]
side P [adc counts]

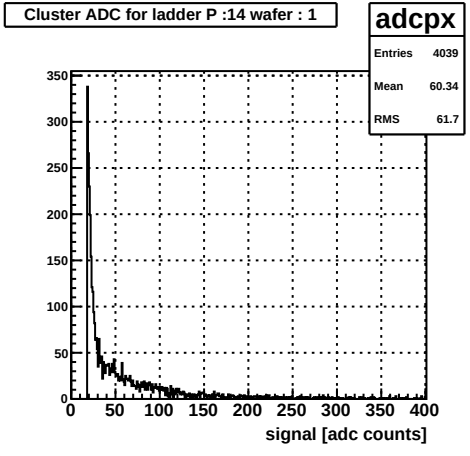

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4753
Mean 57.7
RMS 49.32
signal [adc counts]

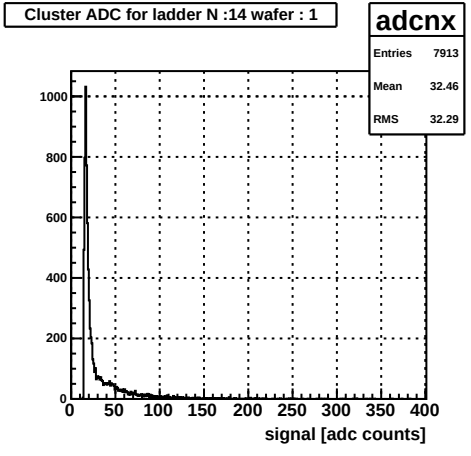

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2583
Mean 74.3
RMS 66.73
signal [adc counts]

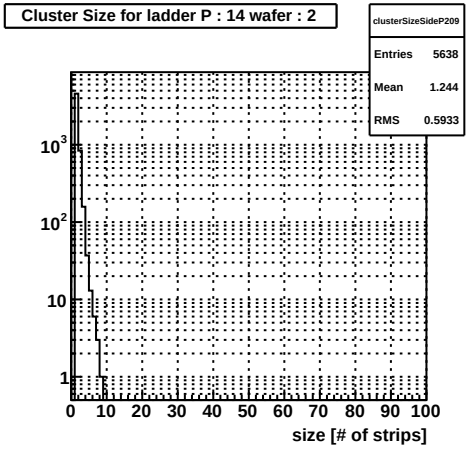

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4039
Mean 1.246
RMS 0.5801
size [# of strips]

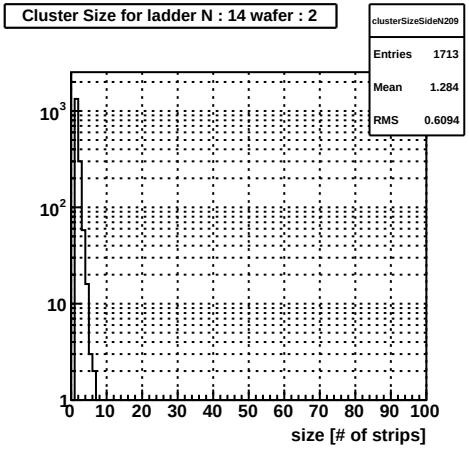

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7913
Mean 1.306
RMS 0.7159
size [# of strips]

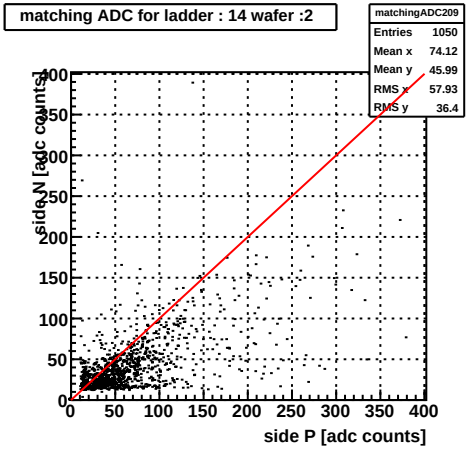

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1637
Mean x 69.58
Mean y 53.49
RMS x 60.48
RMS y 45.99
side N [adc counts]
side P [adc counts]

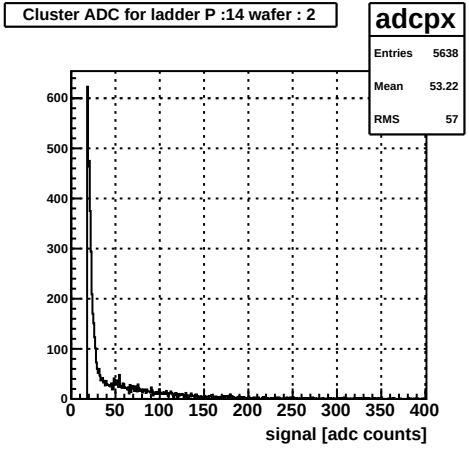

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4039
Mean 60.34
RMS 61.7
signal [adc counts]

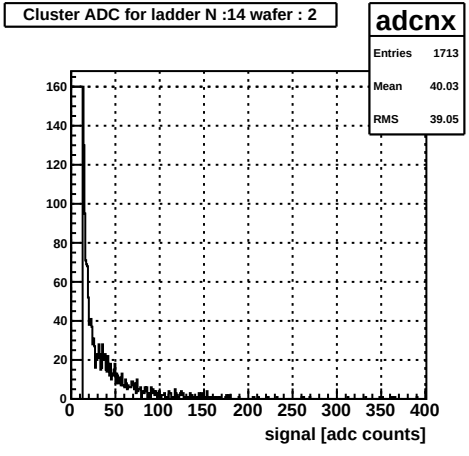

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7913
Mean 32.46
RMS 32.29
signal [adc counts]

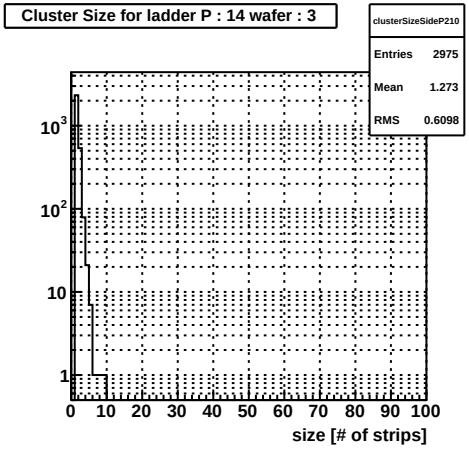

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5638
Mean 1.244
RMS 0.5933
size [# of strips]

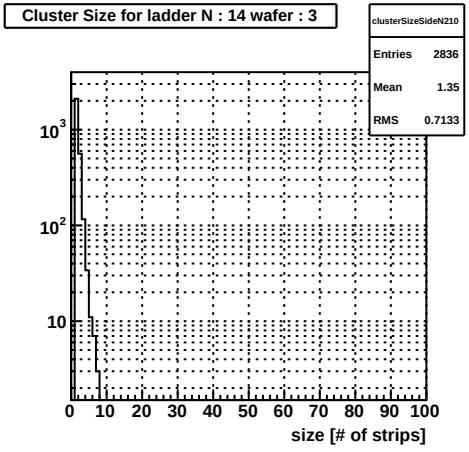

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1713
Mean 1.284
RMS 0.6094
size [# of strips]

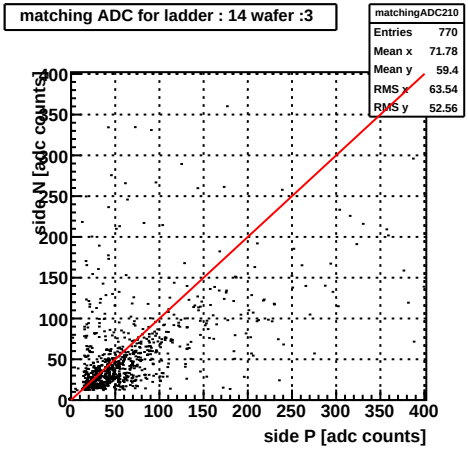

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1050
Mean x 74.12
Mean y 45.99
RMS x 57.93
RMS y 36.4
side N [adc counts]
side P [adc counts]

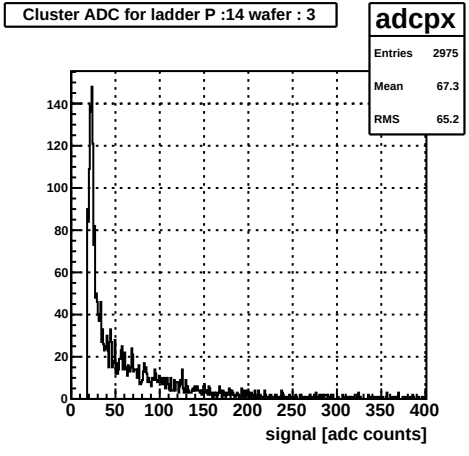

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5638
Mean 53.22
RMS 57
signal [adc counts]

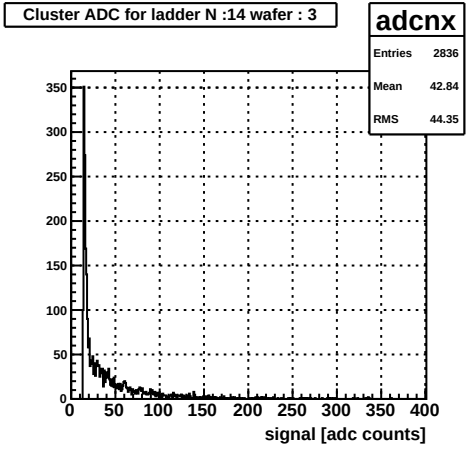

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1713
Mean 40.03
RMS 39.05
signal [adc counts]

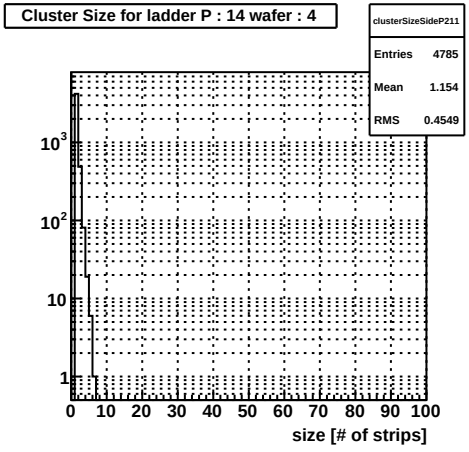

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2975
Mean 1.273
RMS 0.6098
size [# of strips]

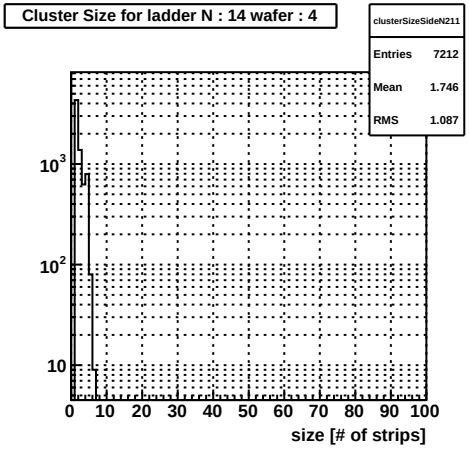

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2836
Mean 1.35
RMS 0.7133
size [# of strips]

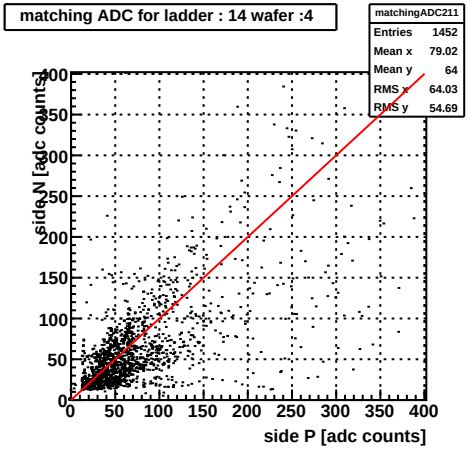

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 770
Mean x 71.78
Mean y 59.4
RMS x 63.54
RMS y 52.56
side N [adc counts]
side P [adc counts]

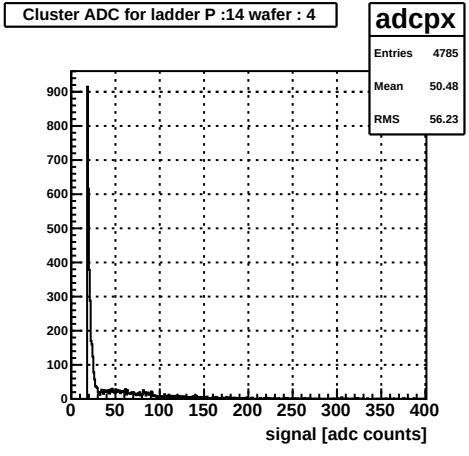

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2975
Mean 67.3
RMS 65.2
signal [adc counts]

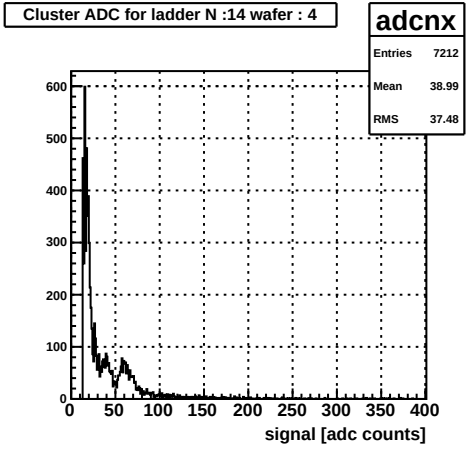

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2836
Mean 42.84
RMS 44.35
signal [adc counts]

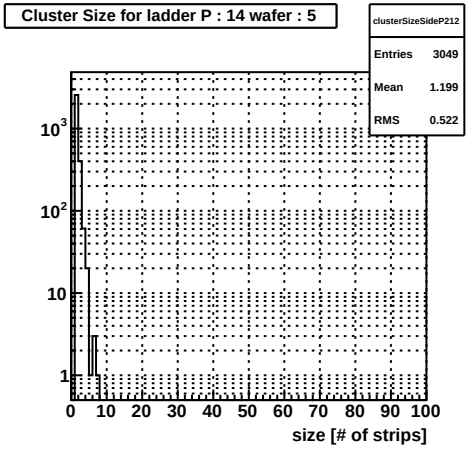

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4785
Mean 1.154
RMS 0.4549
size [# of strips]

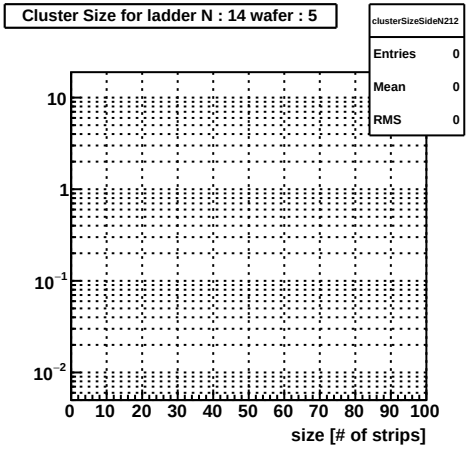

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7212
Mean 1.746
RMS 1.087
size [# of strips]

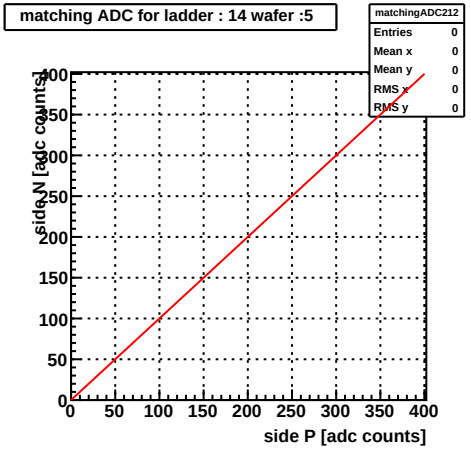

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1452
Mean x 79.02
Mean y 64
RMS x 64.03
RMS y 54.69
side N [adc counts]
side P [adc counts]

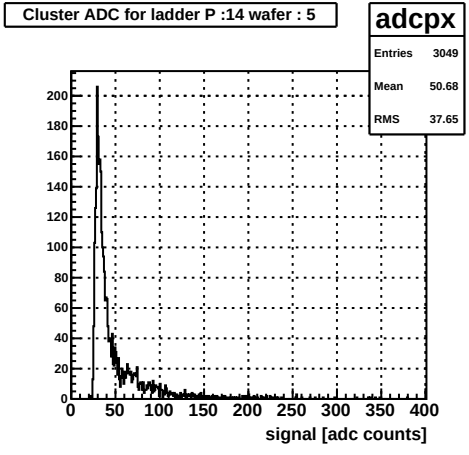

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4785
Mean 50.48
RMS 56.23
signal [adc counts]

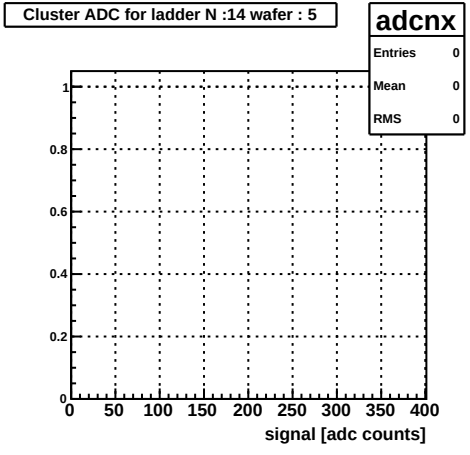

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7212
Mean 38.99
RMS 37.48
signal [adc counts]

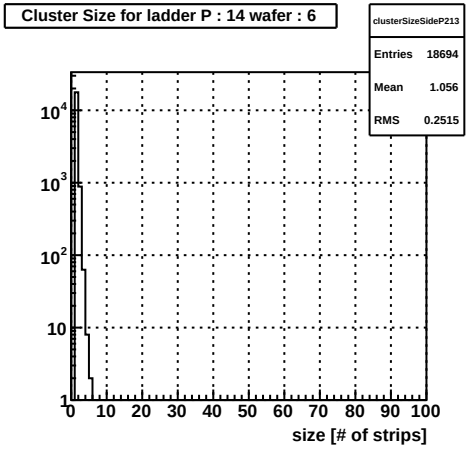

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3049
Mean 1.199
RMS 0.522
size [# of strips]

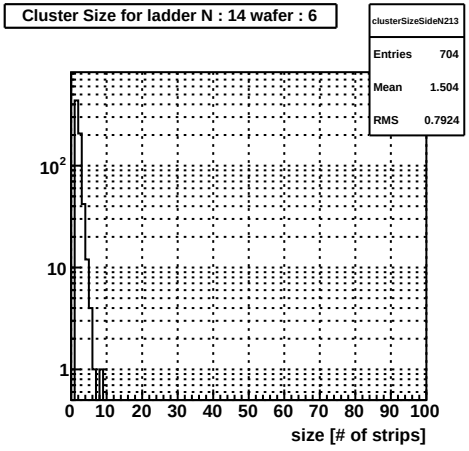

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

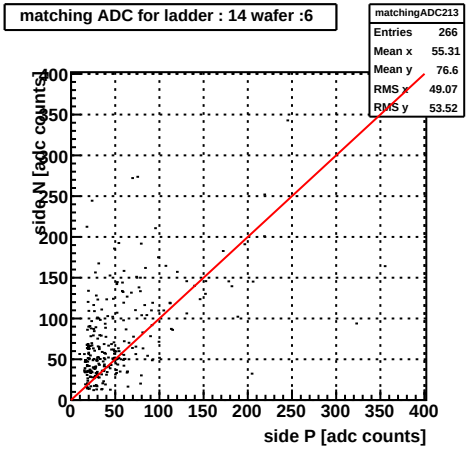

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

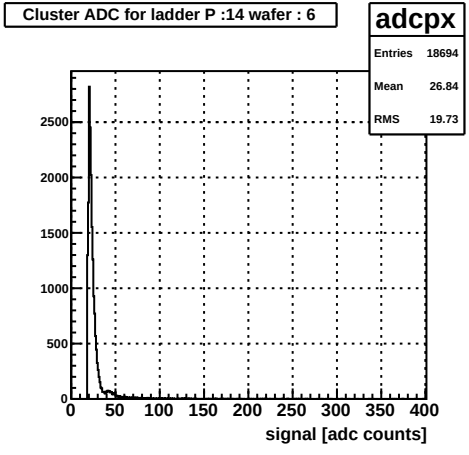

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3049
Mean 50.68
RMS 37.65
signal [adc counts]

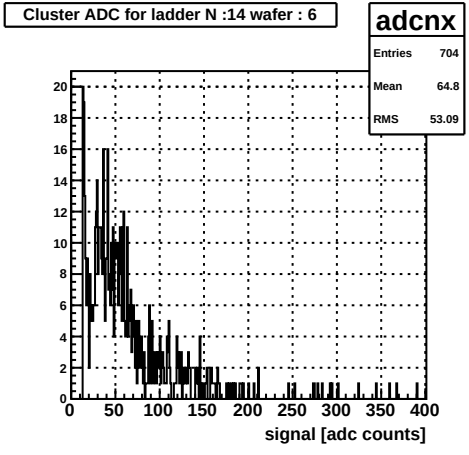

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

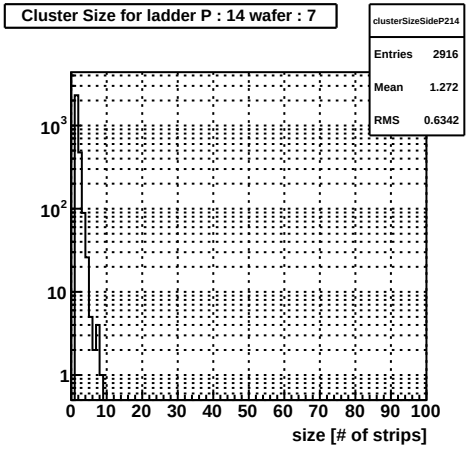

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18694
Mean 1.056
RMS 0.2515
size [# of strips]

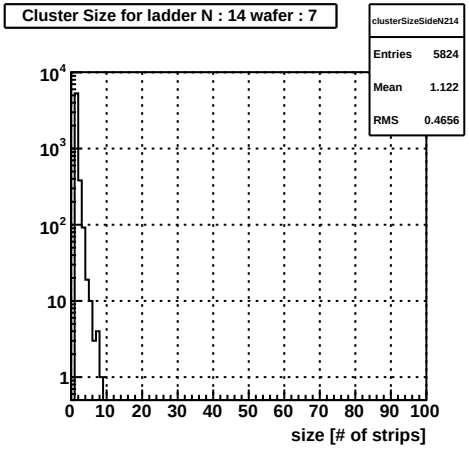

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 704
Mean 1.504
RMS 0.7924
size [# of strips]

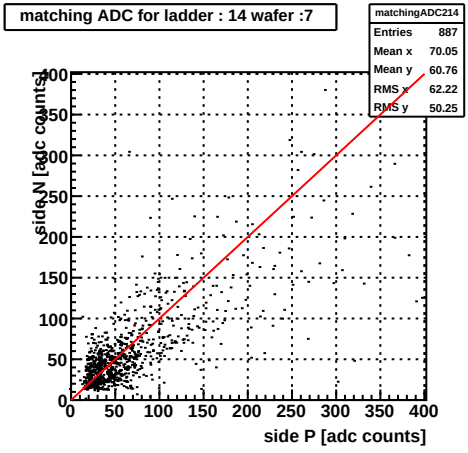

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 266
Mean x 55.31
Mean y 76.6
RMS x 49.07
RMS y 53.52
side N [adc counts]
side P [adc counts]

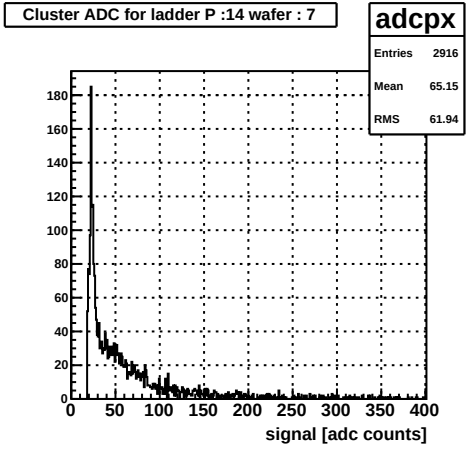

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18694
Mean 26.84
RMS 19.73
signal [adc counts]

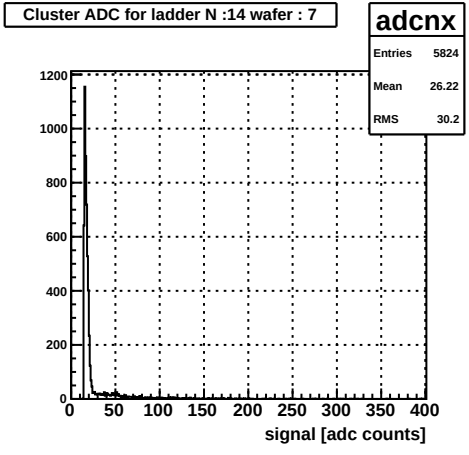

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 704
Mean 64.8
RMS 53.09
signal [adc counts]

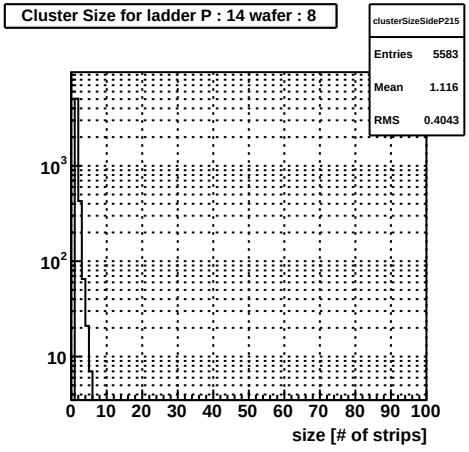

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2916
Mean 1.272
RMS 0.6342
size [# of strips]

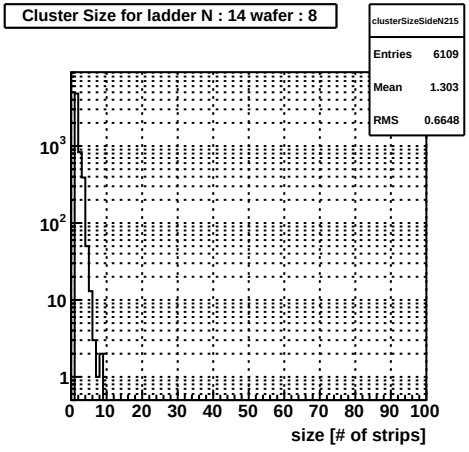

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5824
Mean 1.122
RMS 0.4656
size [# of strips]

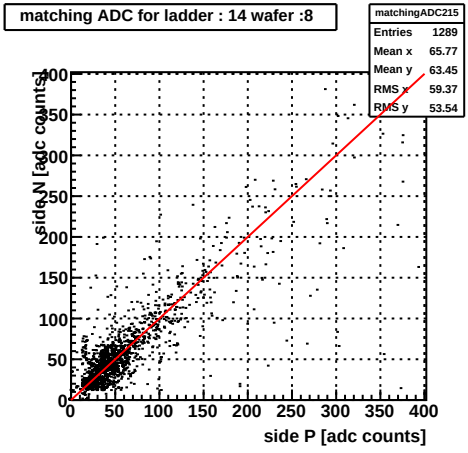

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 887
Mean x 70.05
Mean y 60.76
RMS x 62.22
RMS y 50.25
side N [adc counts]
side P [adc counts]

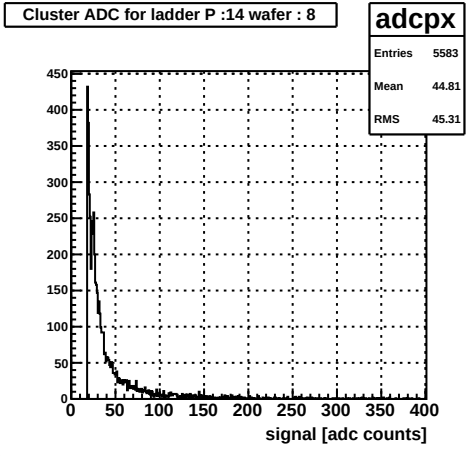

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2916
Mean 65.15
RMS 61.94
signal [adc counts]

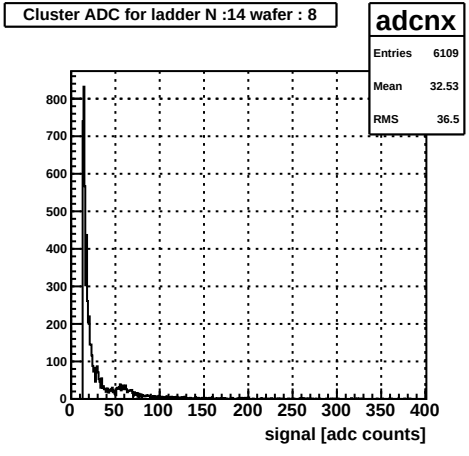

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5824
Mean 26.22
RMS 30.2
signal [adc counts]

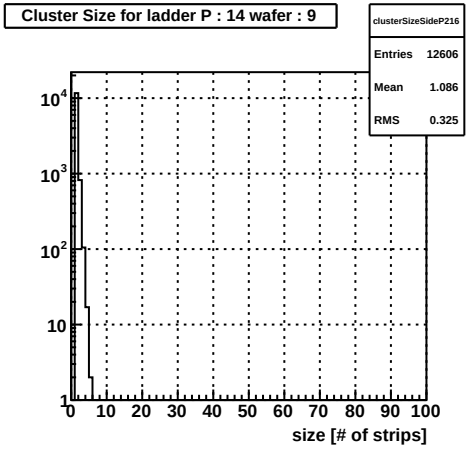

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5583
Mean 1.116
RMS 0.4043
size [# of strips]

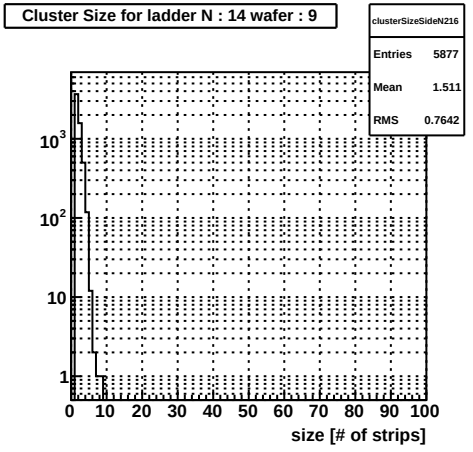

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6109
Mean 1.303
RMS 0.6648
size [# of strips]

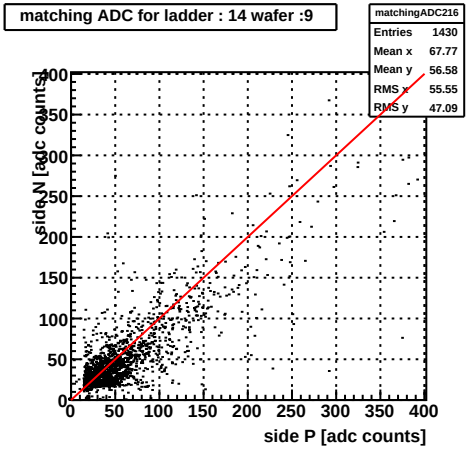

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1289
Mean x 65.77
Mean y 63.45
RMS x 59.37
RMS y 53.54
side N [adc counts]
side P [adc counts]

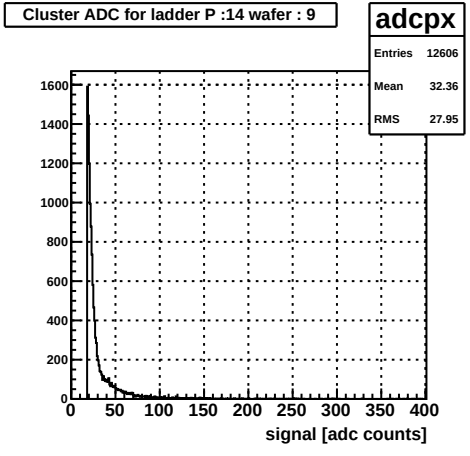

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5583
Mean 44.81
RMS 45.31
signal [adc counts]

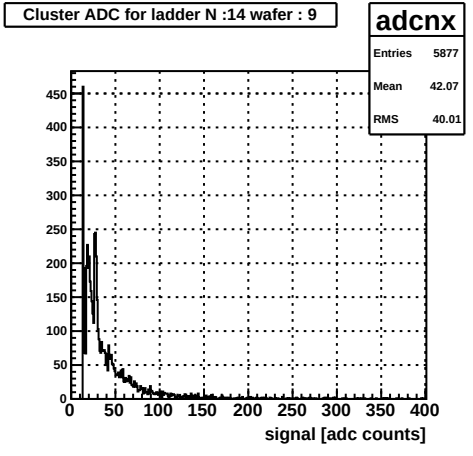

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6109
Mean 32.53
RMS 36.5
signal [adc counts]

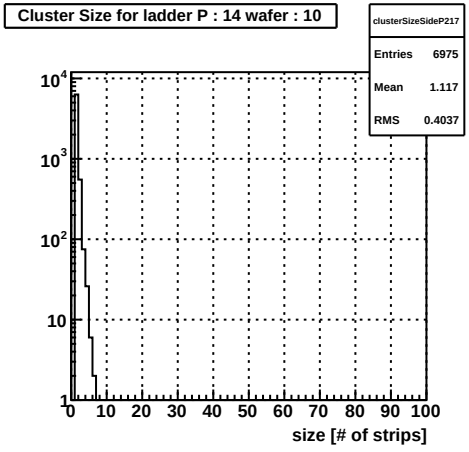

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12606
Mean 1.086
RMS 0.325
size [# of strips]

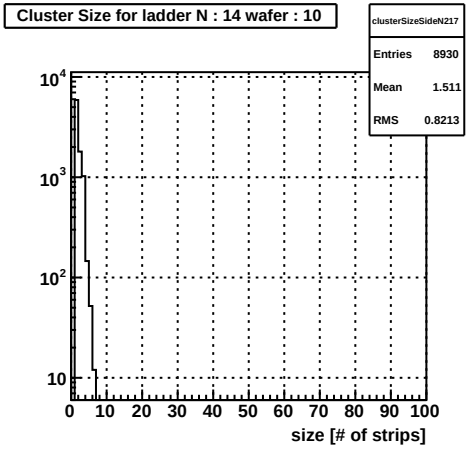

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5877
Mean 1.511
RMS 0.7642
size [# of strips]

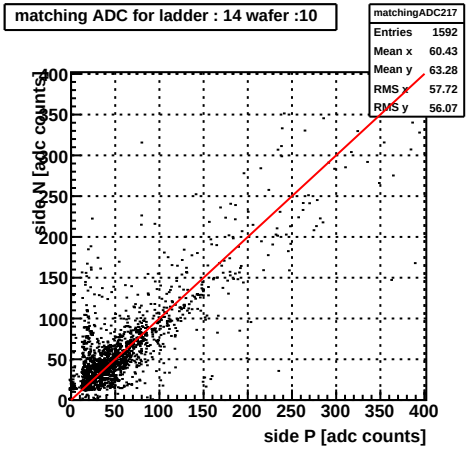

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1430
Mean x 67.77
Mean y 56.58
RMS x 55.55
RMS y 47.09
side N [adc counts]
side P [adc counts]

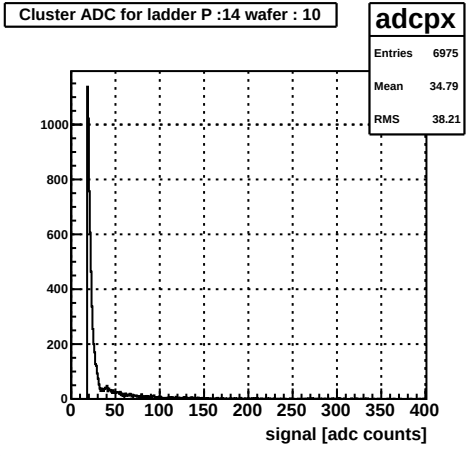

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12606
Mean 32.36
RMS 27.95
signal [adc counts]

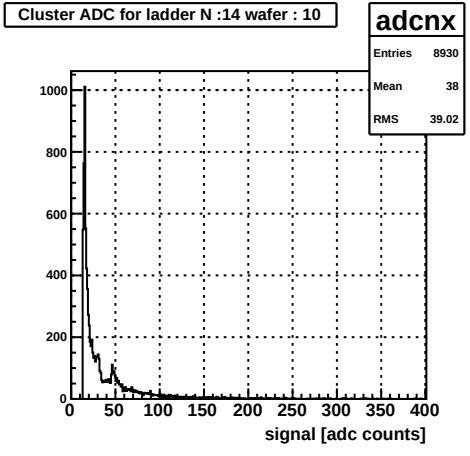

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5877
Mean 42.07
RMS 40.01
signal [adc counts]

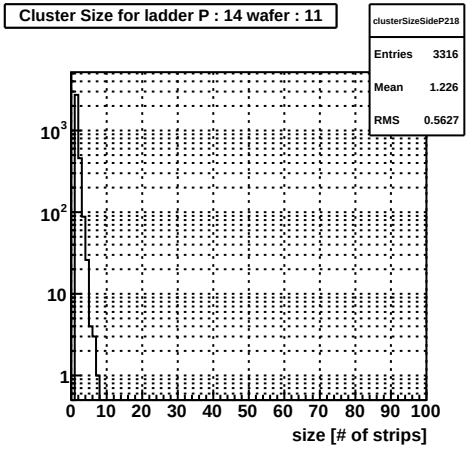

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6975
Mean 1.117
RMS 0.4037
size [# of strips]

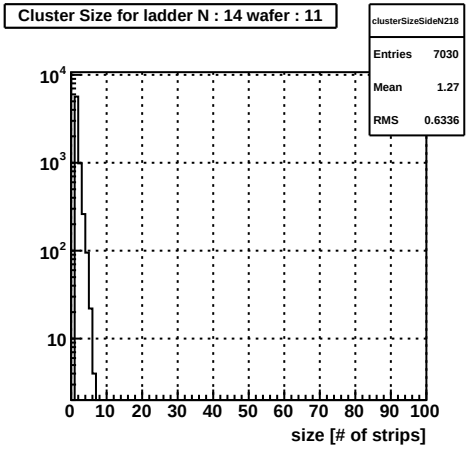

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8930
Mean 1.511
RMS 0.8213
size [# of strips]

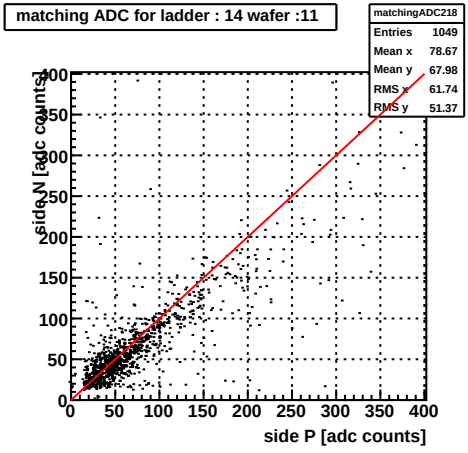

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1592
Mean x 60.43
Mean y 63.28
RMS x 57.72
RMS y 56.07
side N [adc counts]
side P [adc counts]

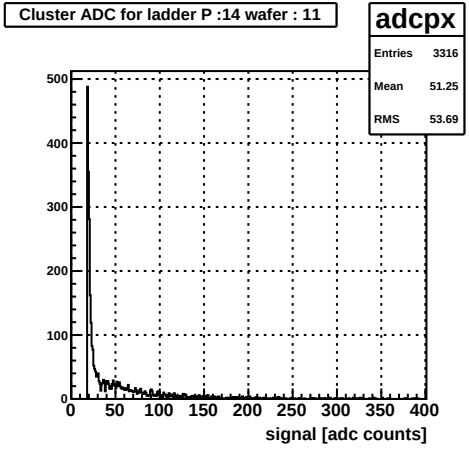

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6975
Mean 34.79
RMS 38.21
signal [adc counts]

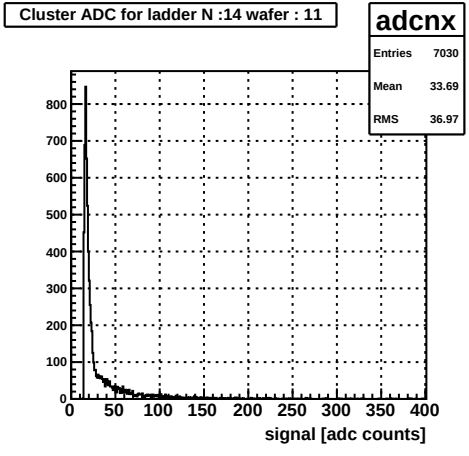

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8930
Mean 38
RMS 39.02
signal [adc counts]

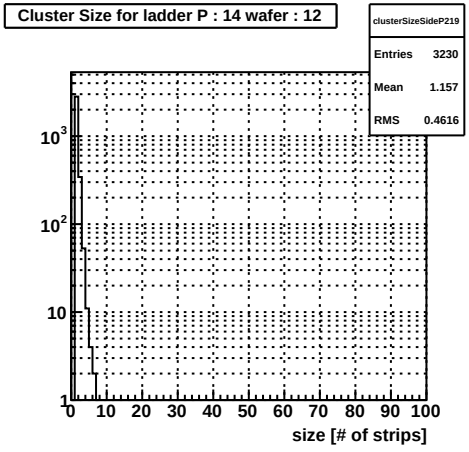

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3316
Mean 1.226
RMS 0.5627
size [# of strips]

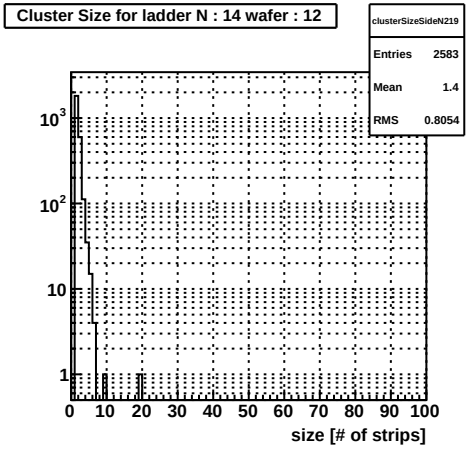

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7030
Mean 1.27
RMS 0.6336
size [# of strips]

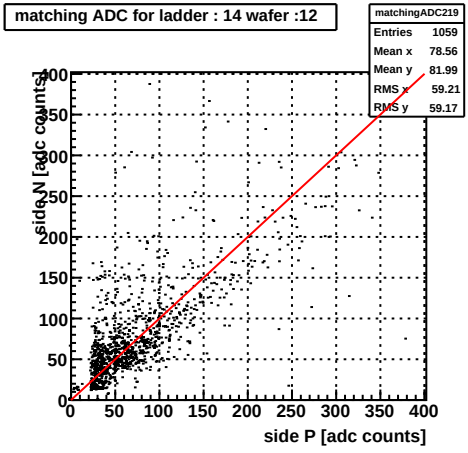

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1049
Mean x 78.67
Mean y 67.98
RMS x 61.74
RMS y 51.37
side N [adc counts]
side P [adc counts]

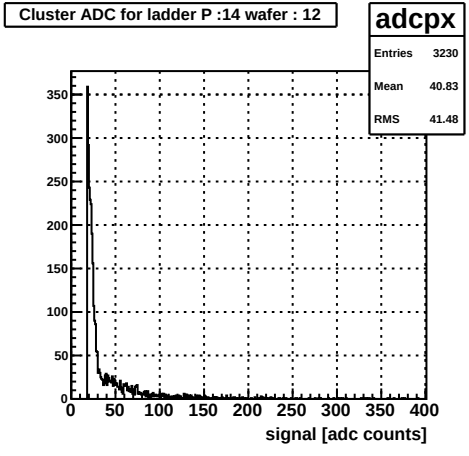

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3316
Mean 51.25
RMS 53.69
signal [adc counts]

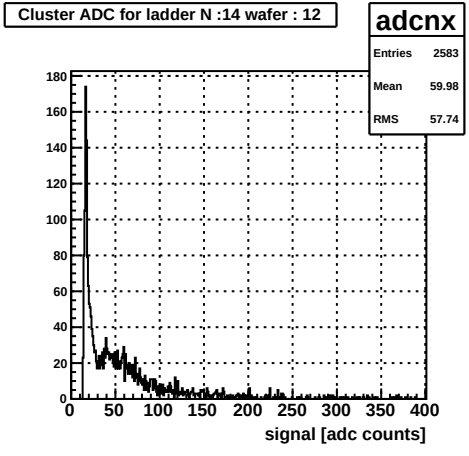

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7030
Mean 33.69
RMS 36.97
signal [adc counts]

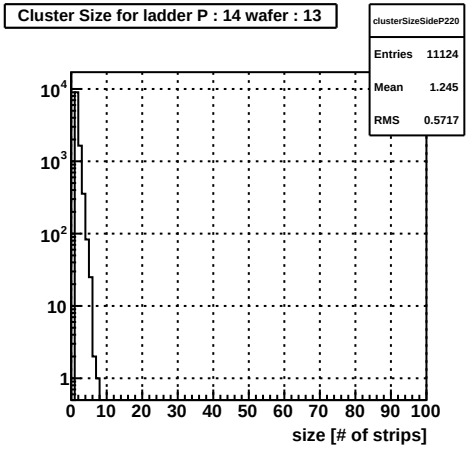

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3230
Mean 1.157
RMS 0.4616
size [# of strips]

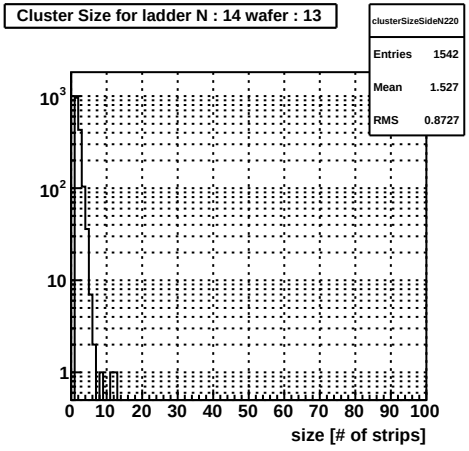

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2583
Mean 1.4
RMS 0.8054
size [# of strips]

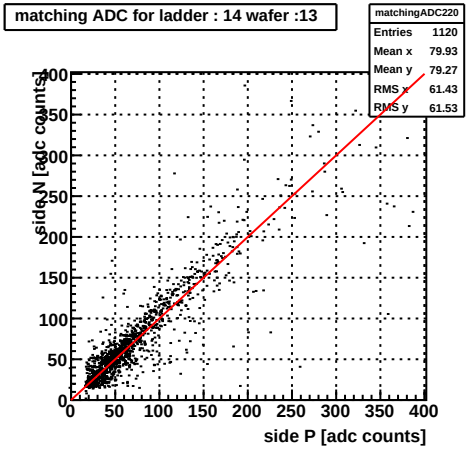

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1059
Mean x 78.56
Mean y 81.99
RMS x 59.21
RMS y 59.17
side N [adc counts]
side P [adc counts]

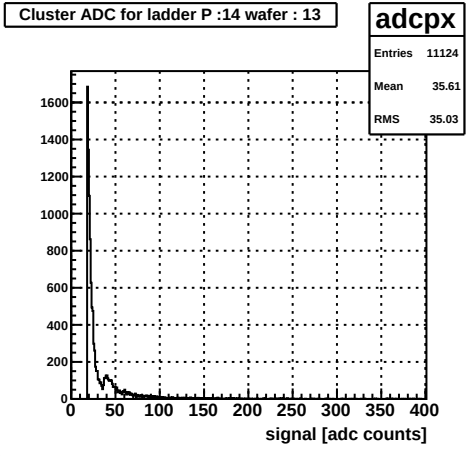

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3230
Mean 40.83
RMS 41.48
signal [adc counts]

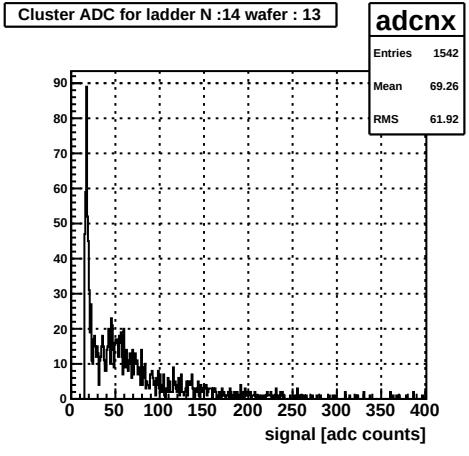

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2583
Mean 59.98
RMS 57.74
signal [adc counts]

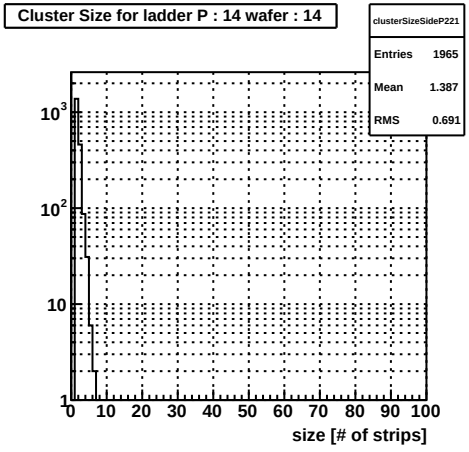

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11124
Mean 1.245
RMS 0.5717
size [# of strips]

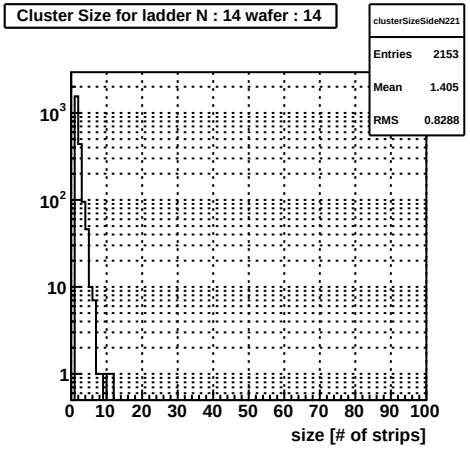

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1542
Mean 1.527
RMS 0.8727
size [# of strips]

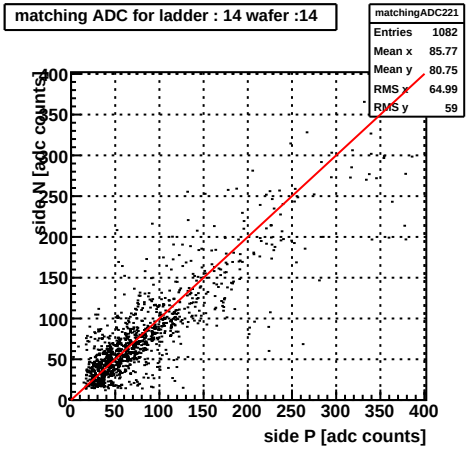

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1120
Mean x 79.93
Mean y 79.27
RMS x 61.43
RMS y 61.53
side N [adc counts]
side P [adc counts]

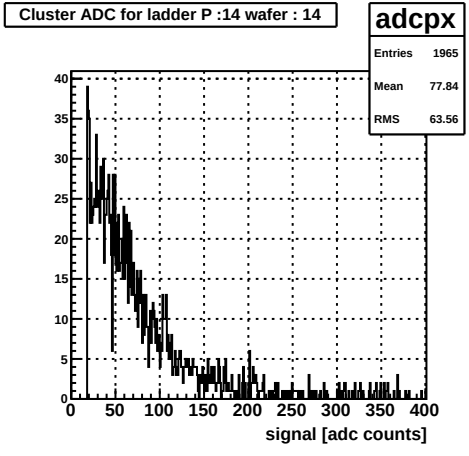

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11124
Mean 35.61
RMS 35.03
signal [adc counts]

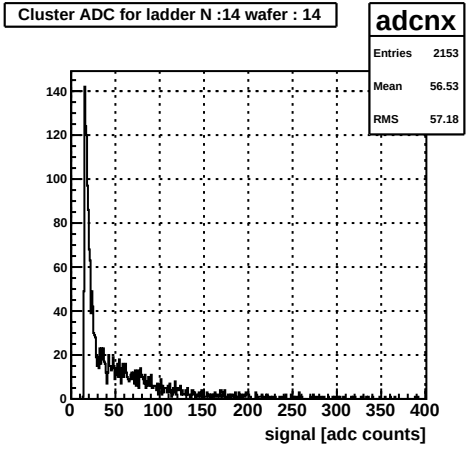

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1542
Mean 69.26
RMS 61.92
signal [adc counts]

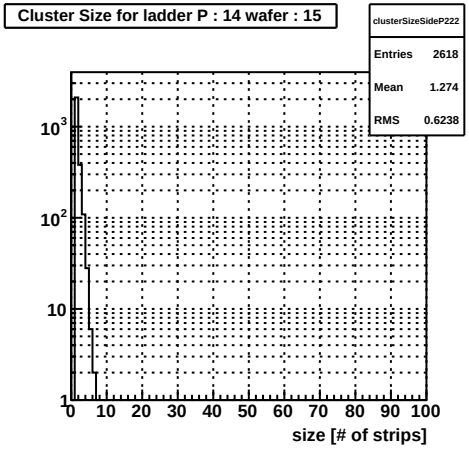

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1965
Mean 1.387
RMS 0.691
size [# of strips]

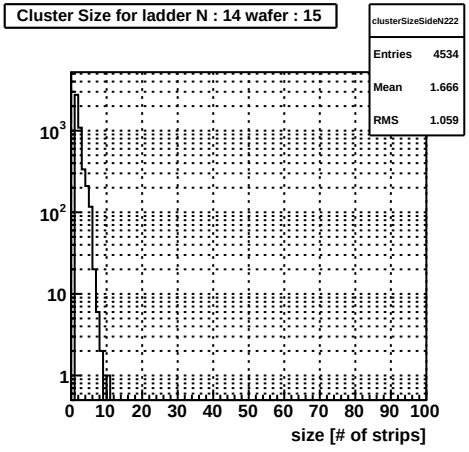

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2153
Mean 1.405
RMS 0.8288
size [# of strips]

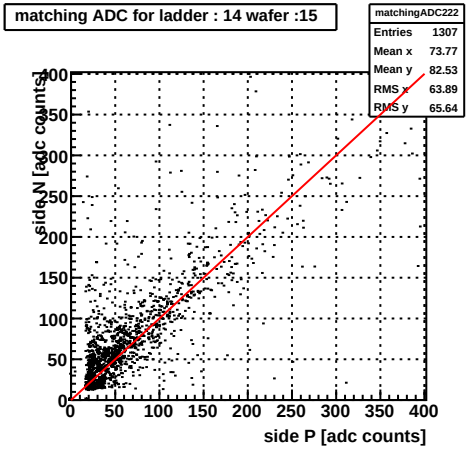

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1082
Mean x 85.77
Mean y 80.75
RMS x 64.99
RMS y 59
side N [adc counts]
side P [adc counts]

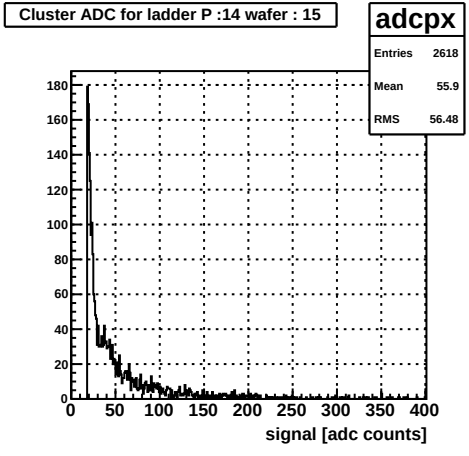

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1965
Mean 77.84
RMS 63.56
signal [adc counts]

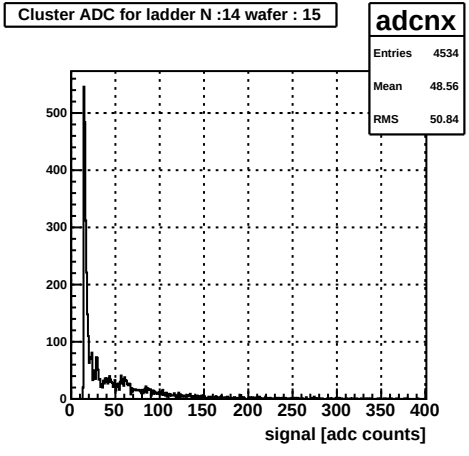

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2153
Mean 56.53
RMS 57.18
signal [adc counts]

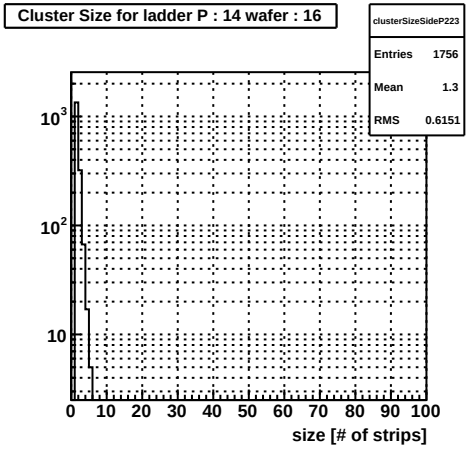

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2618
Mean 1.274
RMS 0.6238
size [# of strips]

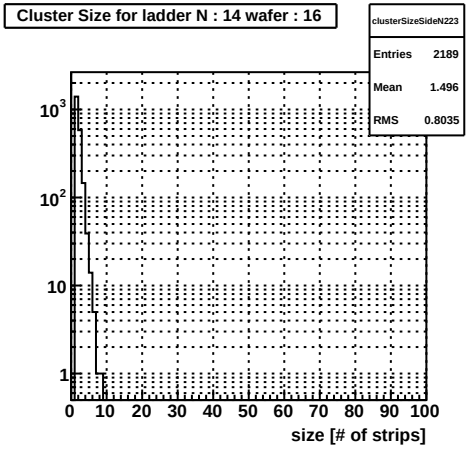

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4534
Mean 1.666
RMS 1.059
size [# of strips]

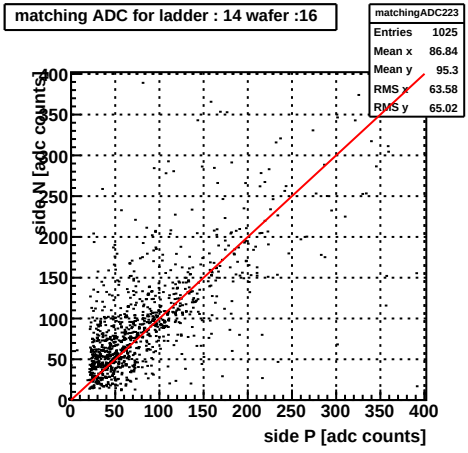

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1307
Mean x 73.77
Mean y 82.53
RMS x 63.89
RMS y 65.64
side N [adc counts]
side P [adc counts]

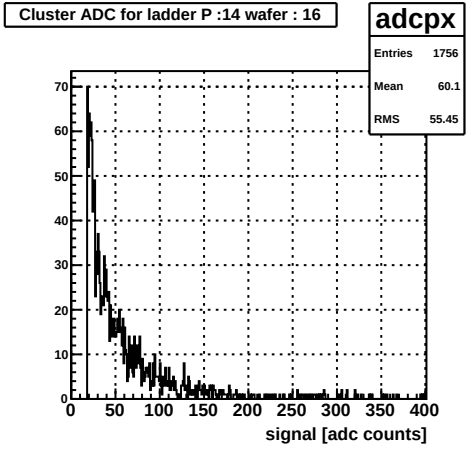

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2618
Mean 55.9
RMS 56.48
signal [adc counts]

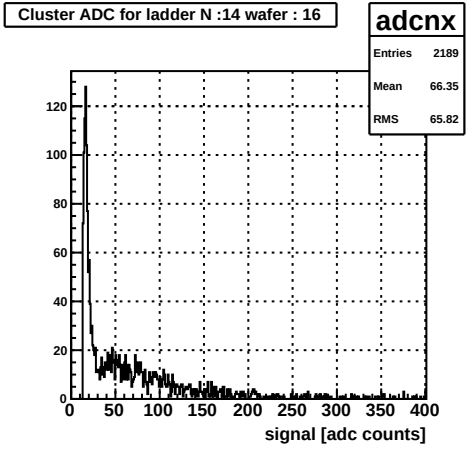

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4534
Mean 48.56
RMS 50.84
signal [adc counts]

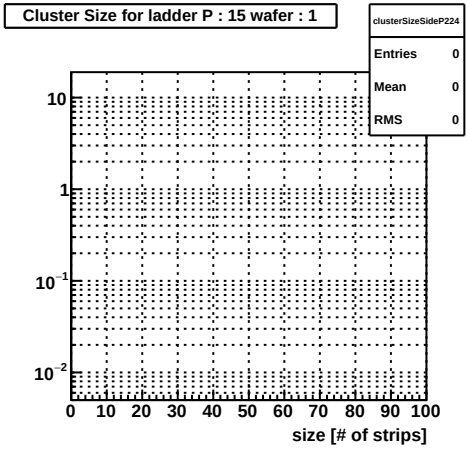

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1756
Mean 1.3
RMS 0.6151
size [# of strips]

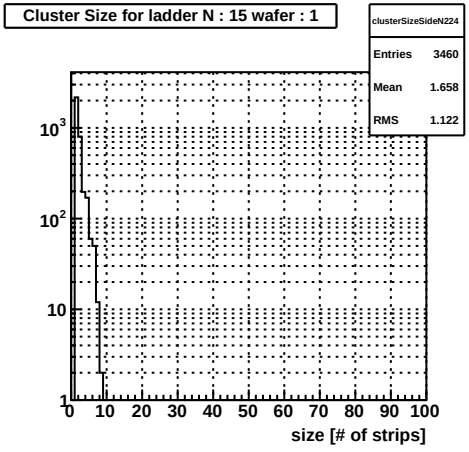

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2189
Mean 1.496
RMS 0.8035
size [# of strips]

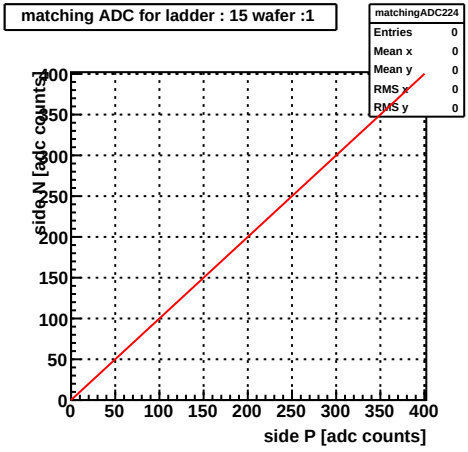

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1025
Mean x 86.84
Mean y 95.3
RMS x 63.58
RMS y 65.02
side N [adc counts]
side P [adc counts]

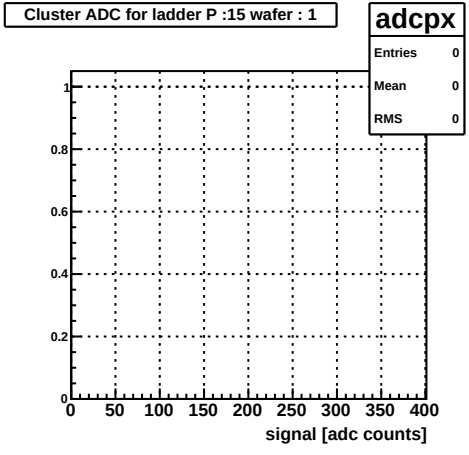

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1756
Mean 60.1
RMS 55.45
signal [adc counts]

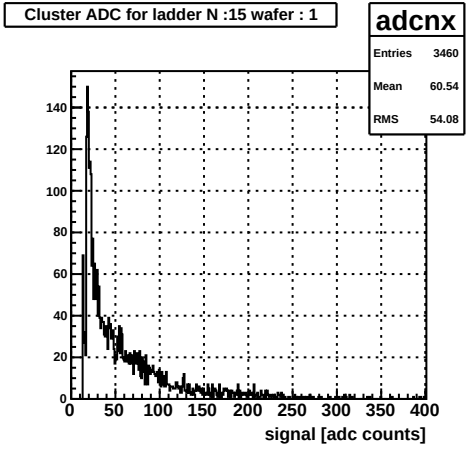

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2189
Mean 66.35
RMS 65.82
signal [adc counts]

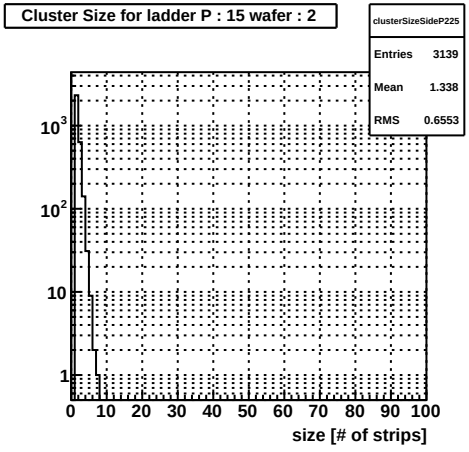

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

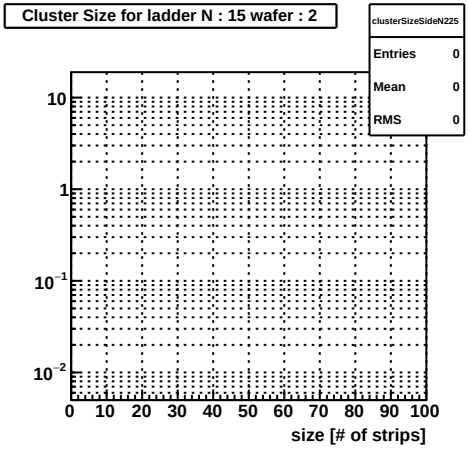

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3460
Mean 1.658
RMS 1.122
size [# of strips]

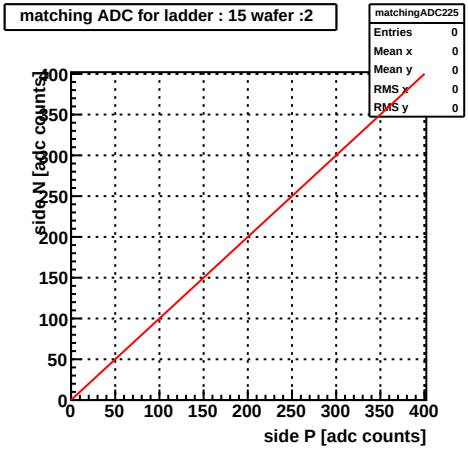

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

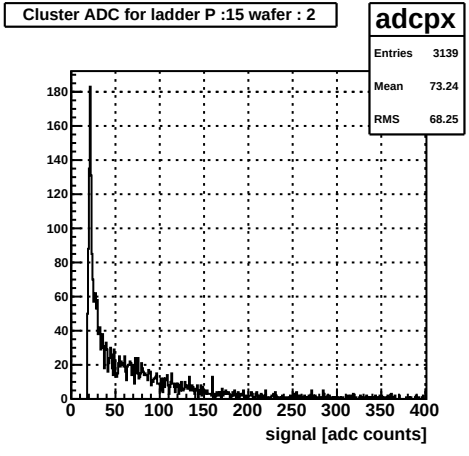

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

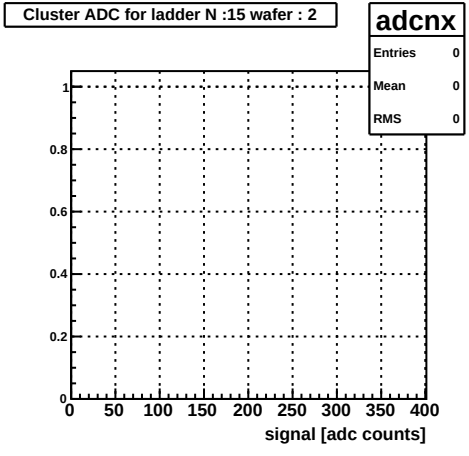

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3460
Mean 60.54
RMS 54.08
signal [adc counts]

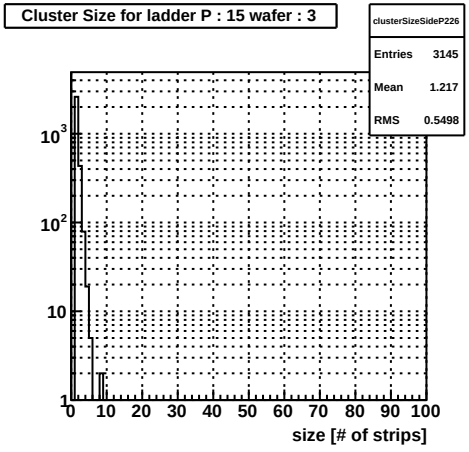

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3139
Mean 1.338
RMS 0.6553
size [# of strips]

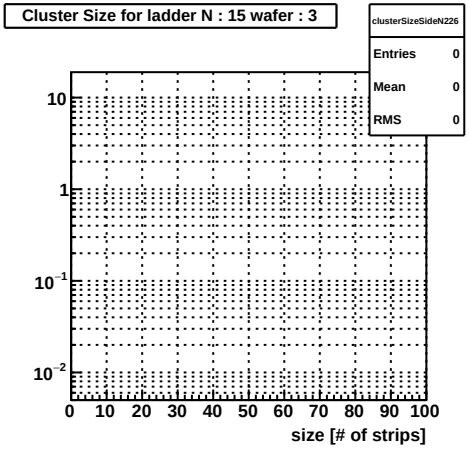

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

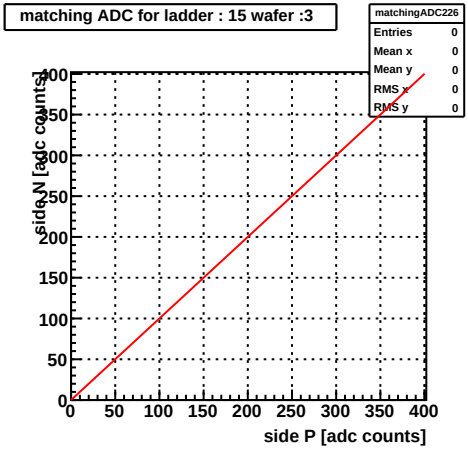

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

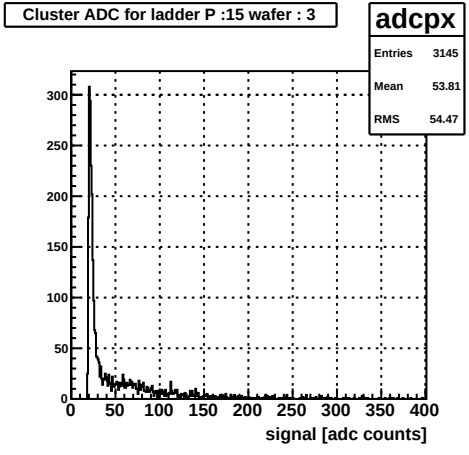

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3139
Mean 73.24
RMS 68.25
signal [adc counts]

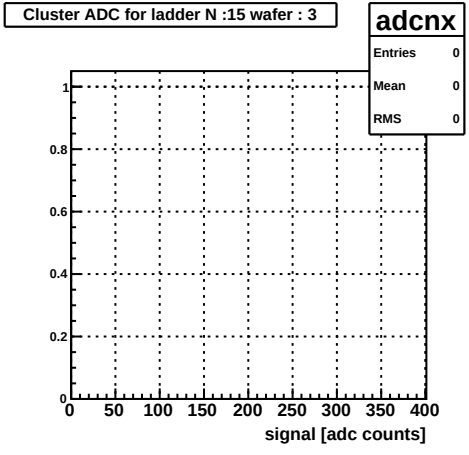

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

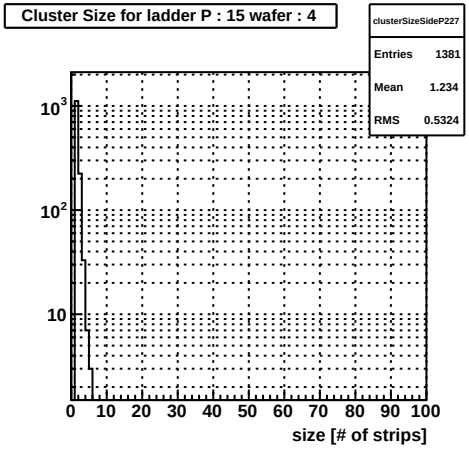

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3145
Mean 1.217
RMS 0.5498
size [# of strips]

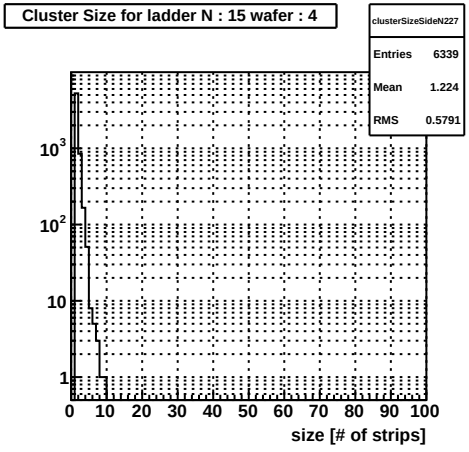

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

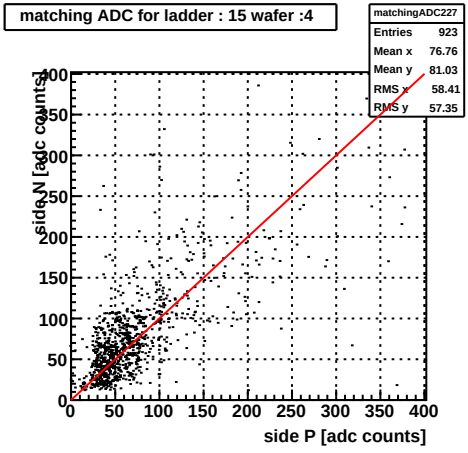

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

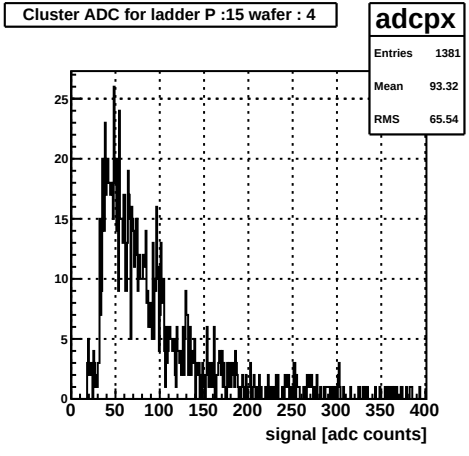

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3145
Mean 53.81
RMS 54.47
signal [adc counts]

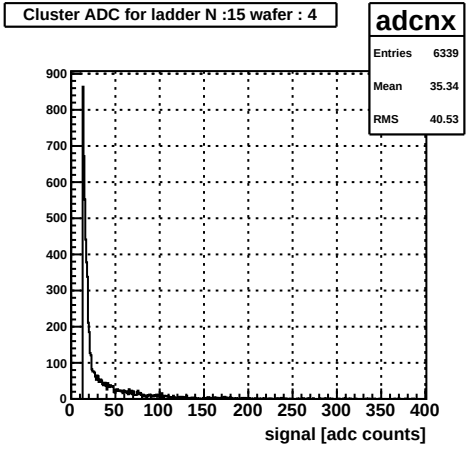

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

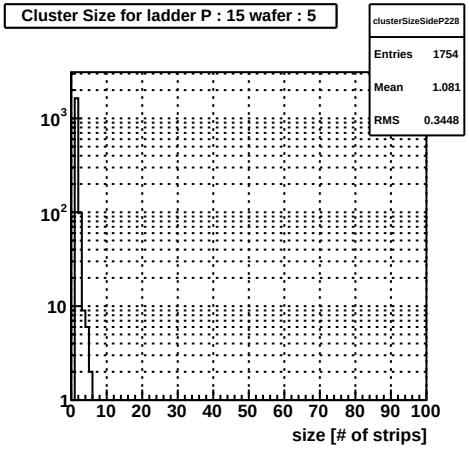

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1381
Mean 1.234
RMS 0.5324
size [# of strips]

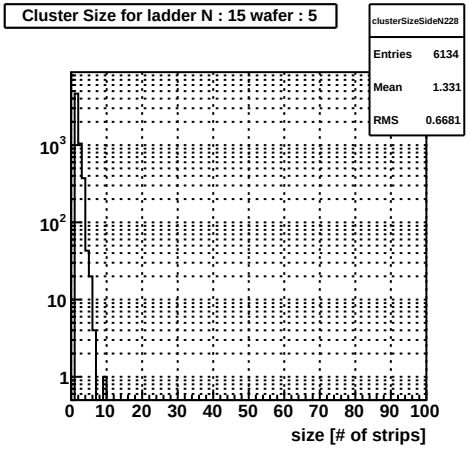

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6339
Mean 1.224
RMS 0.5791
size [# of strips]

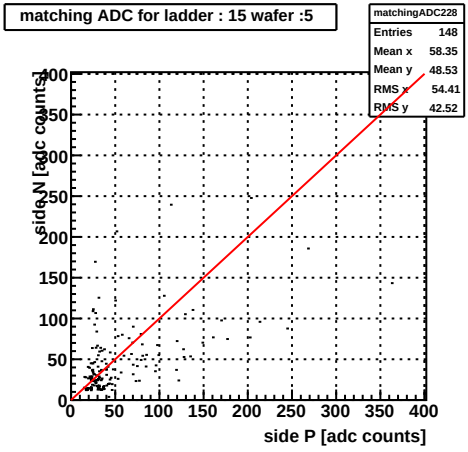

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 923
Mean x 76.76
Mean y 81.03
RMS x 58.41
RMS y 57.35
side N [adc counts]
side P [adc counts]

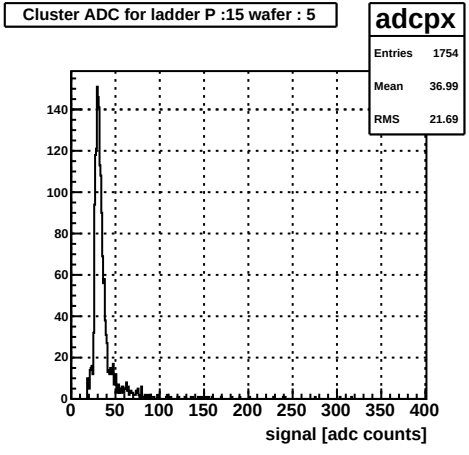

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1381
Mean 93.32
RMS 65.54
signal [adc counts]

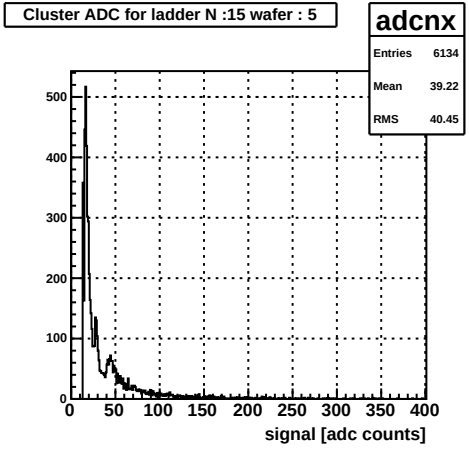

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6339
Mean 35.34
RMS 40.53
signal [adc counts]

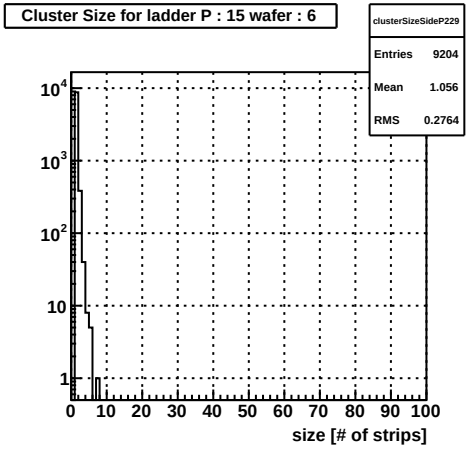

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1754
Mean 1.081
RMS 0.3448
size [# of strips]

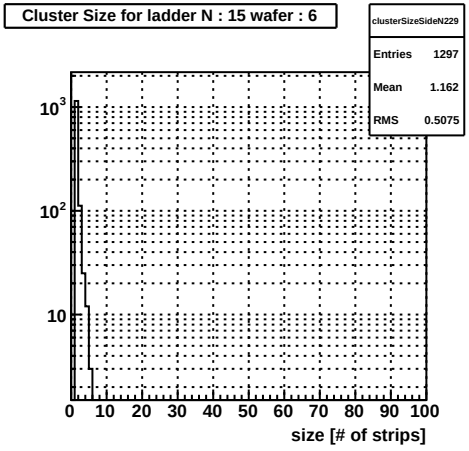

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6134
Mean 1.331
RMS 0.6681
size [# of strips]

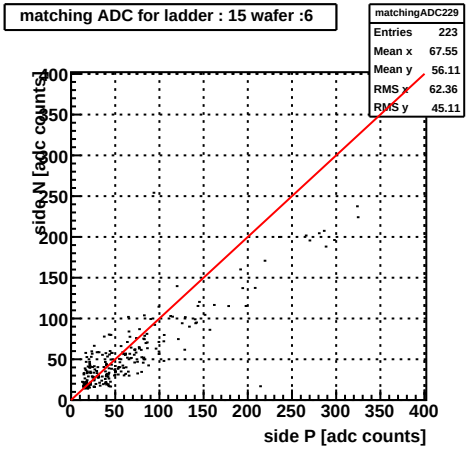

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 148
Mean x 58.35
Mean y 48.53
RMS x 54.41
RMS y 42.52
side N [adc counts]
side P [adc counts]

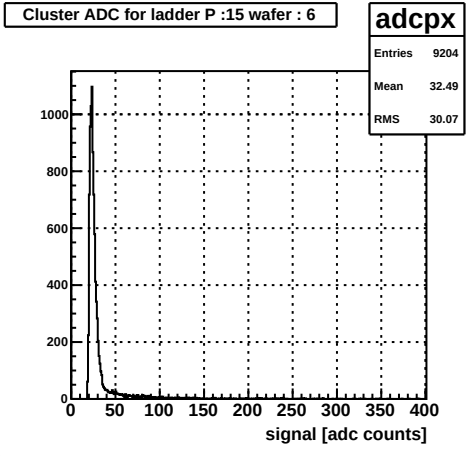

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1754
Mean 36.99
RMS 21.69
signal [adc counts]

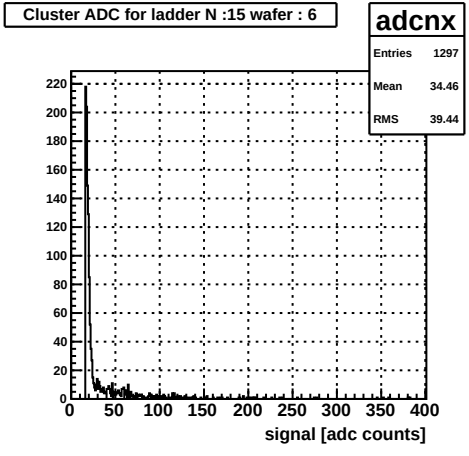

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6134
Mean 39.22
RMS 40.45
signal [adc counts]

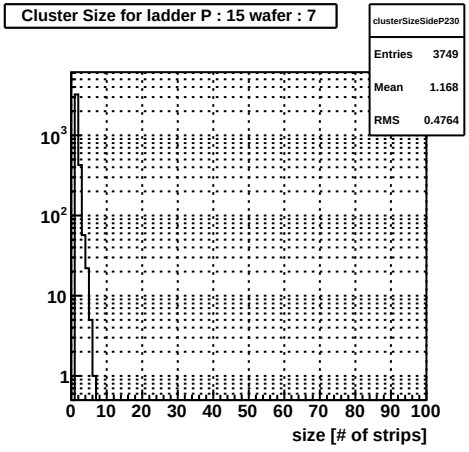

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9204
Mean 1.056
RMS 0.2764
size [# of strips]

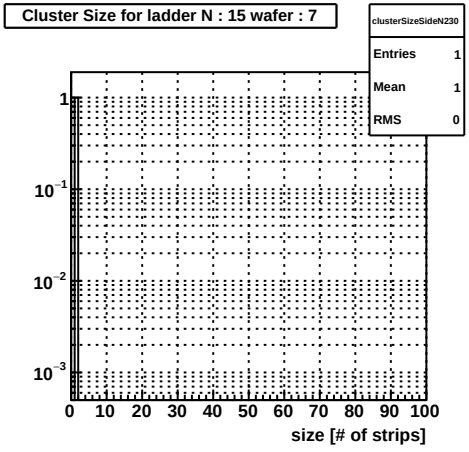

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1297
Mean 1.162
RMS 0.5075
size [# of strips]

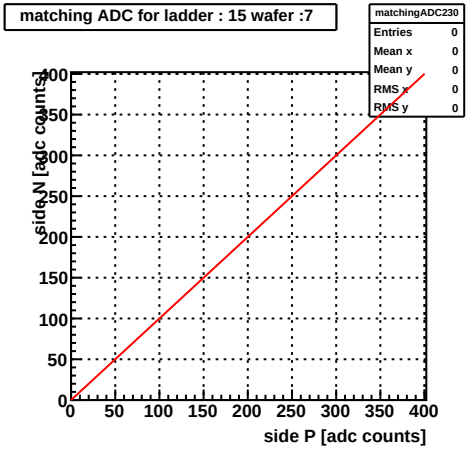

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 223
Mean x 67.55
Mean y 56.11
RMS x 62.36
RMS y 45.11
side N [adc counts]
side P [adc counts]

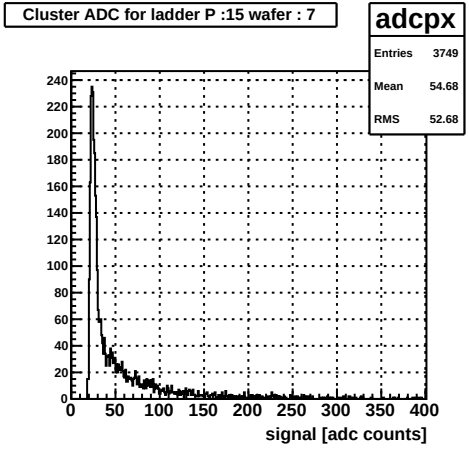

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9204
Mean 32.49
RMS 30.07
signal [adc counts]

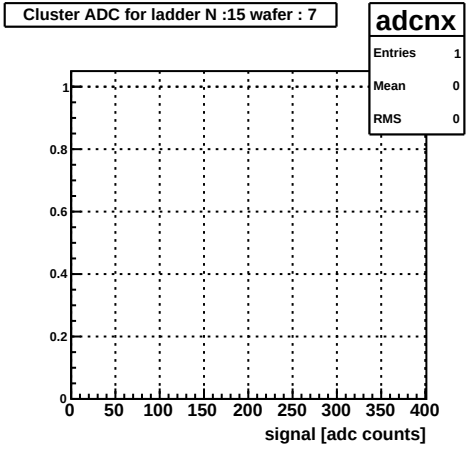

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1297
Mean 34.46
RMS 39.44
signal [adc counts]

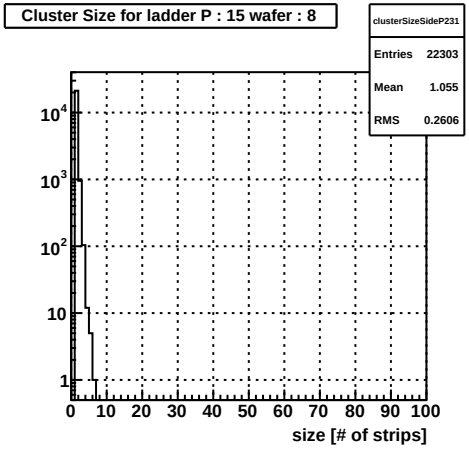

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3749
Mean 1.168
RMS 0.4764
size [# of strips]

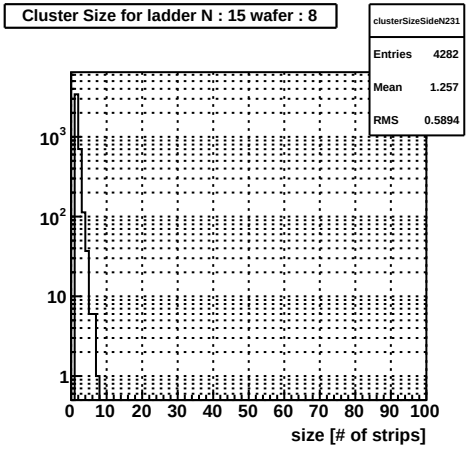

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

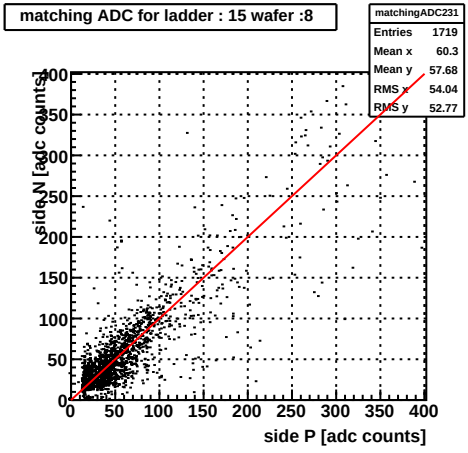

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

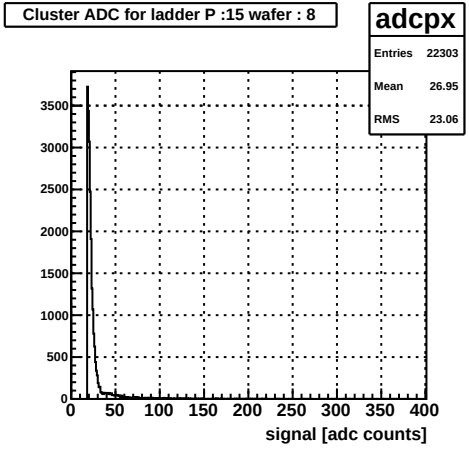

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3749
Mean 54.68
RMS 52.68
signal [adc counts]

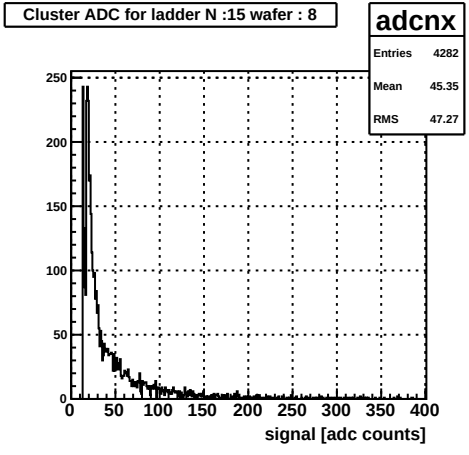

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

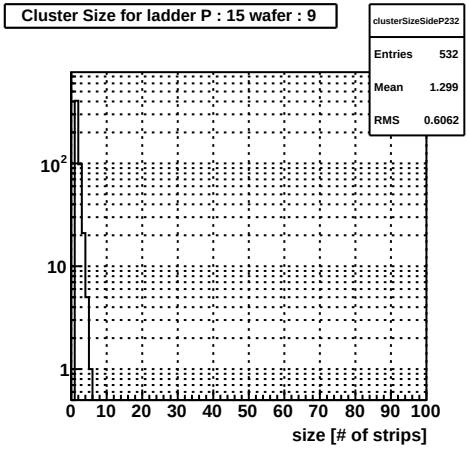

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22303
Mean 1.055
RMS 0.2606
size [# of strips]

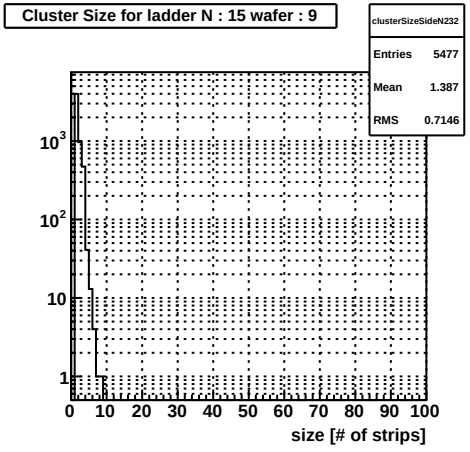

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4282
Mean 1.257
RMS 0.5894
size [# of strips]

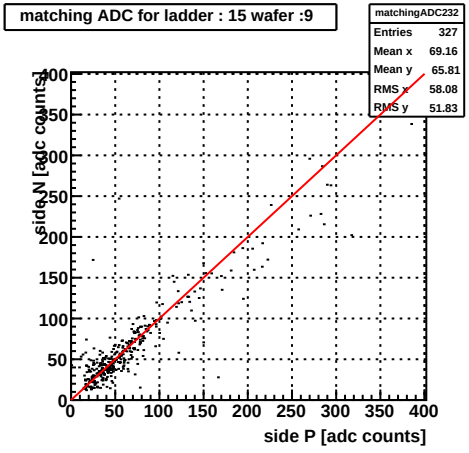

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1719
Mean x 60.3
Mean y 57.68
RMS x 54.04
RMS y 52.77
side N [adc counts]
side P [adc counts]

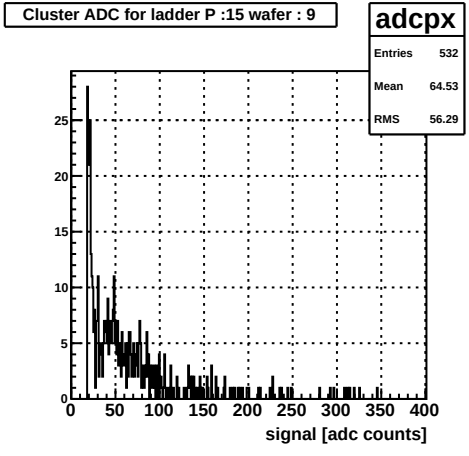

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22303
Mean 26.95
RMS 23.06
signal [adc counts]

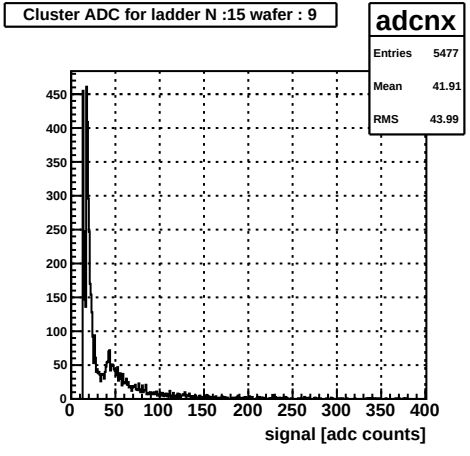

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4282
Mean 45.35
RMS 47.27
signal [adc counts]

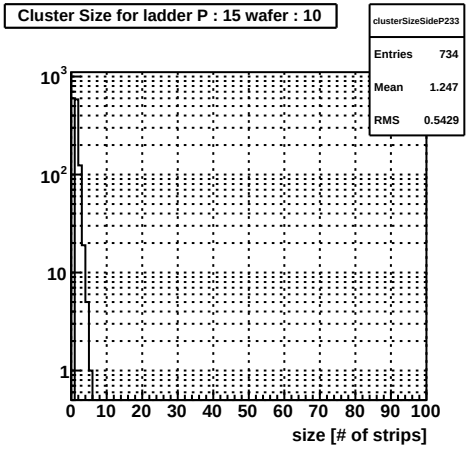

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 532
Mean 1.299
RMS 0.6062
size [# of strips]

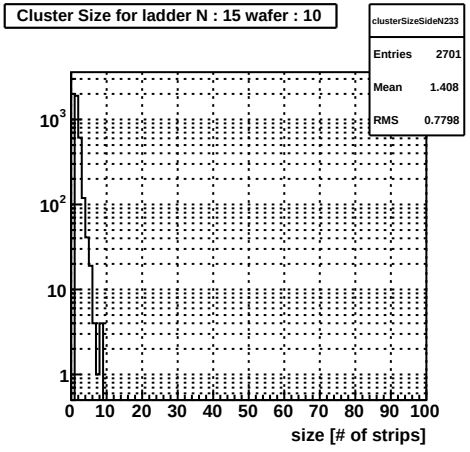

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5477
Mean 1.387
RMS 0.7146
size [# of strips]

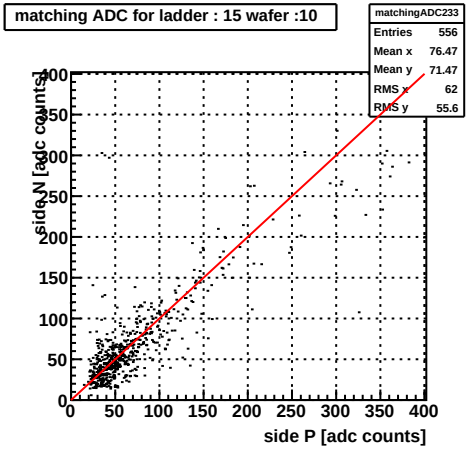

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 327
Mean x 69.16
Mean y 65.81
RMS x 58.08
RMS y 51.83
side N [adc counts]
side P [adc counts]

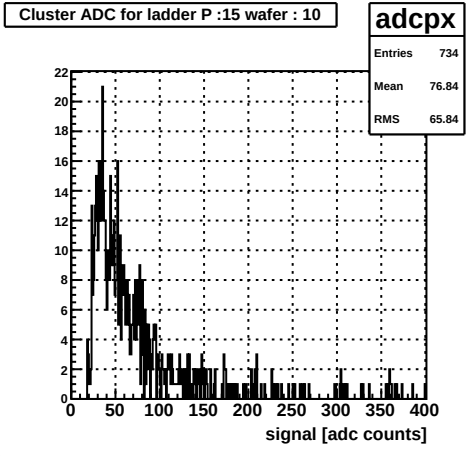

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 532
Mean 64.53
RMS 56.29
signal [adc counts]

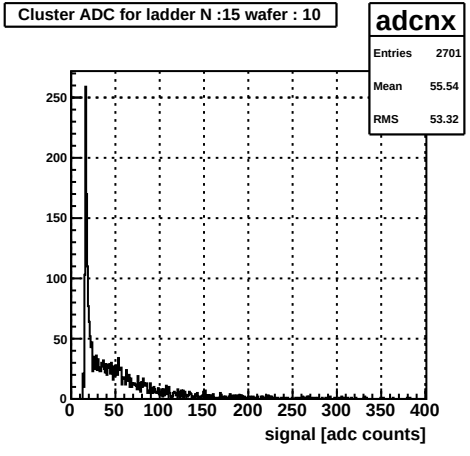

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5477
Mean 41.91
RMS 43.99
signal [adc counts]

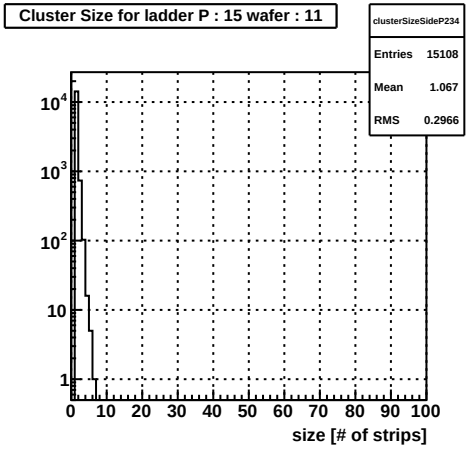

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 734
Mean 1.247
RMS 0.5429
size [# of strips]

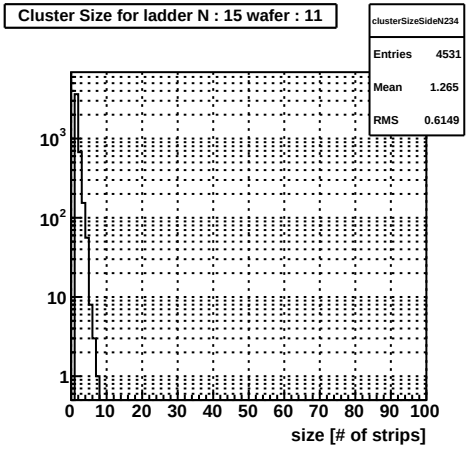

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2701
Mean 1.408
RMS 0.7798
size [# of strips]

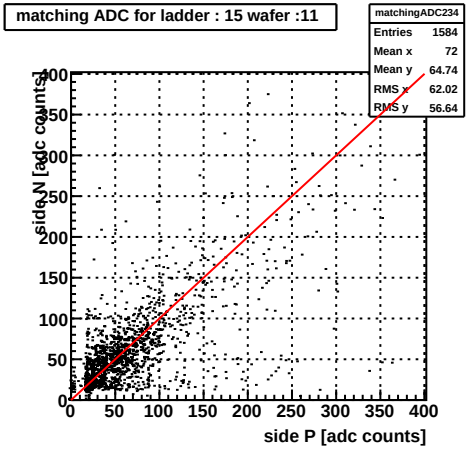

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 556
Mean x 76.47
Mean y 71.47
RMS x 62
RMS y 55.6
side N [adc counts]
side P [adc counts]

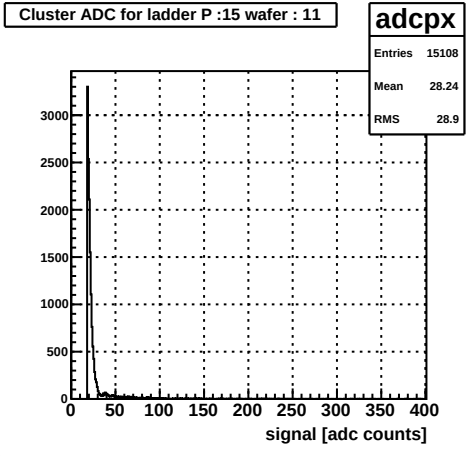

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 734
Mean 76.84
RMS 65.84
signal [adc counts]

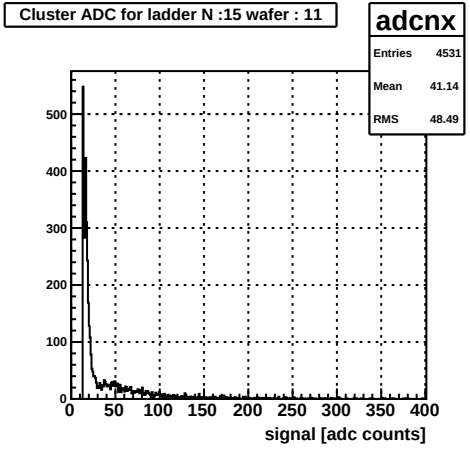

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2701
Mean 55.54
RMS 53.32
signal [adc counts]

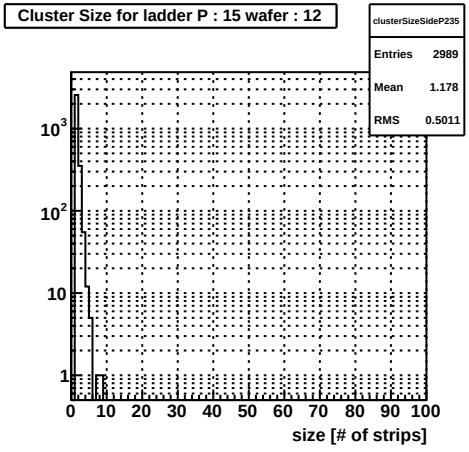

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 15108
Mean 1.067
RMS 0.2966
size [# of strips]

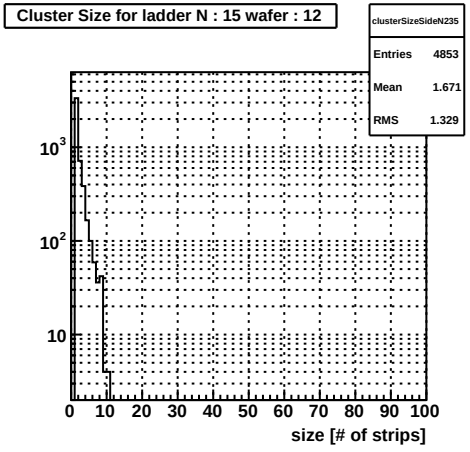

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4531
Mean 1.265
RMS 0.6149
size [# of strips]

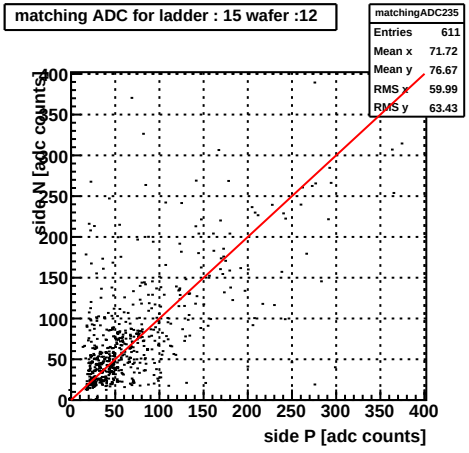

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1584
Mean x 72
Mean y 64.74
RMS x 62.02
RMS y 56.64
side N [adc counts]
side P [adc counts]

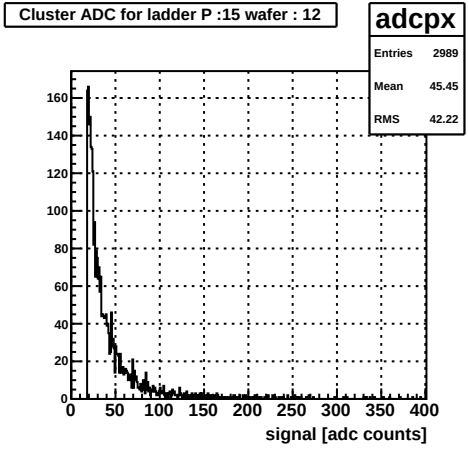

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 15108
Mean 28.24
RMS 28.9
signal [adc counts]

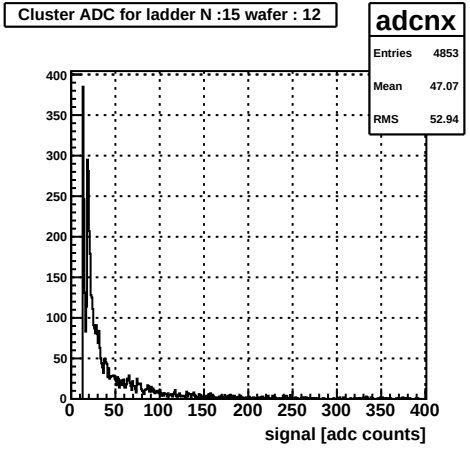

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4531
Mean 41.14
RMS 48.49
signal [adc counts]

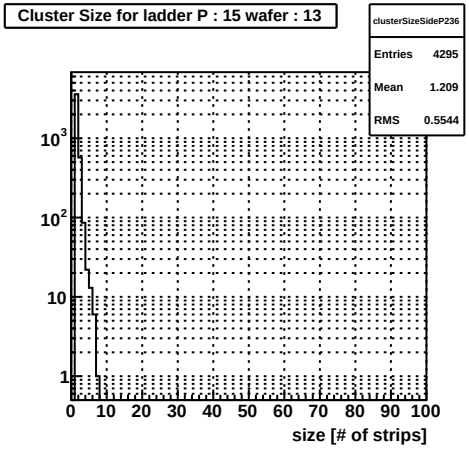

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2989
Mean 1.178
RMS 0.5011
size [# of strips]

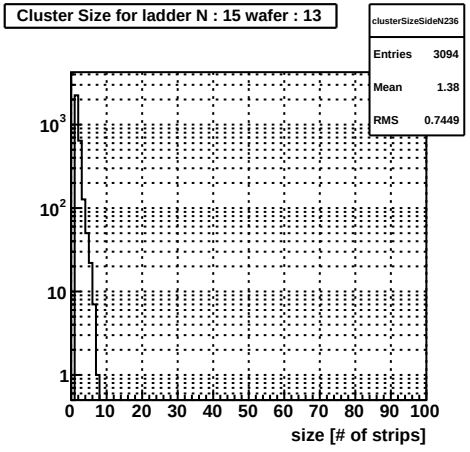

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4853
Mean 1.671
RMS 1.329
size [# of strips]

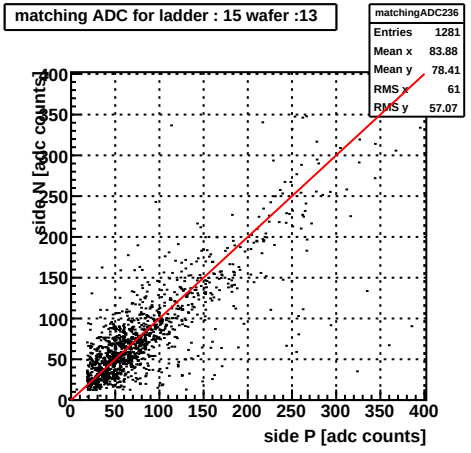

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 611
Mean x 71.72
Mean y 76.67
RMS x 59.99
RMS y 63.43
side N [adc counts]
side P [adc counts]

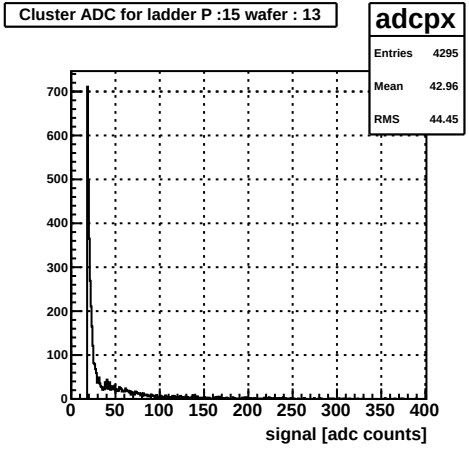

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2989
Mean 45.45
RMS 42.22
signal [adc counts]

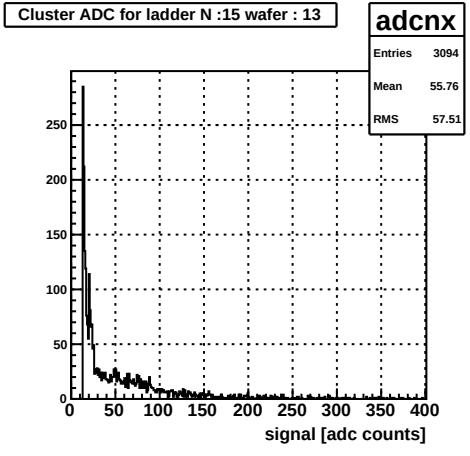

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4853
Mean 47.07
RMS 52.94
signal [adc counts]

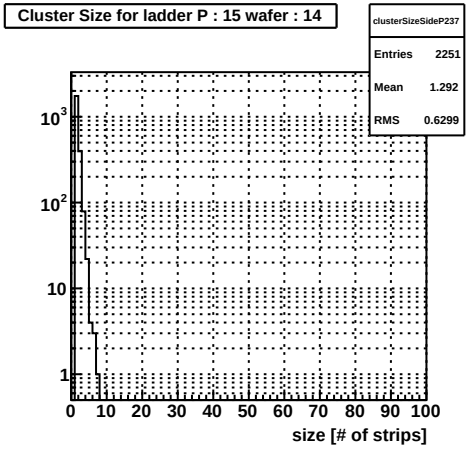

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4295
Mean 1.209
RMS 0.5544
size [# of strips]

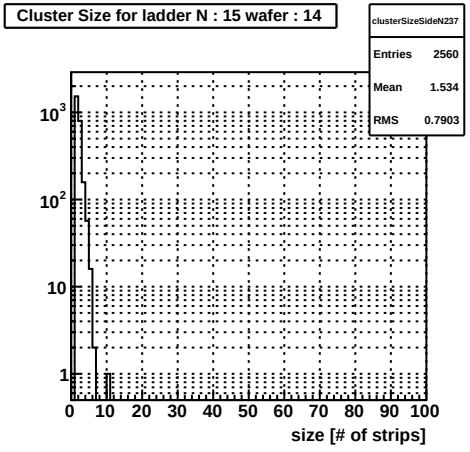

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3094
Mean 1.38
RMS 0.7449
size [# of strips]

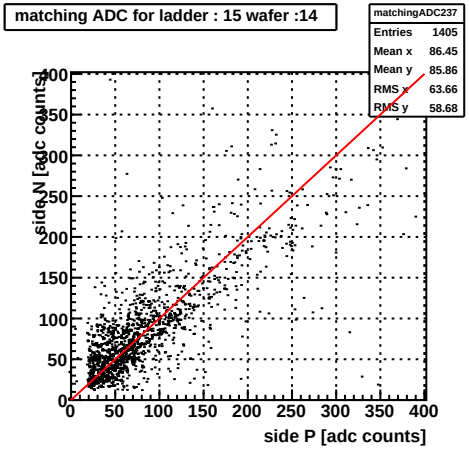

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1281
Mean x 83.88
Mean y 78.41
RMS x 61
RMS y 57.07
side N [adc counts]
side P [adc counts]

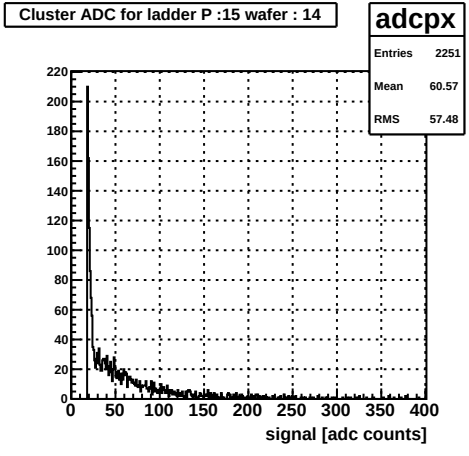

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4295
Mean 42.96
RMS 44.45
signal [adc counts]

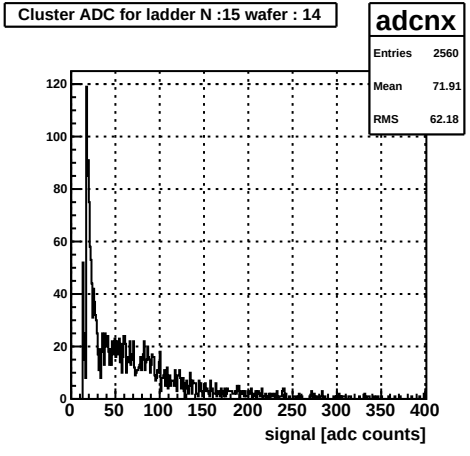

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3094
Mean 55.76
RMS 57.51
signal [adc counts]

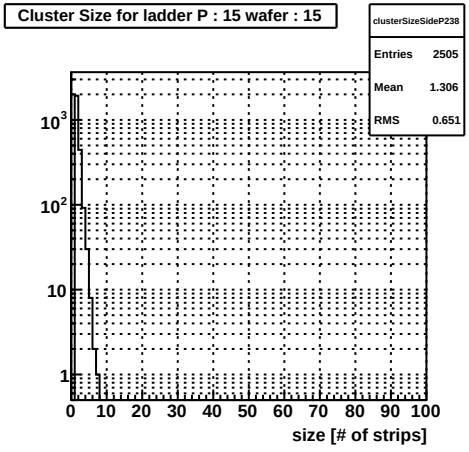

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2251
Mean 1.292
RMS 0.6299
size [# of strips]

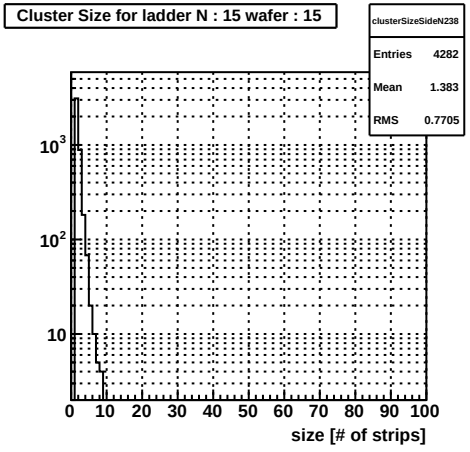

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2560
Mean 1.534
RMS 0.7903
size [# of strips]

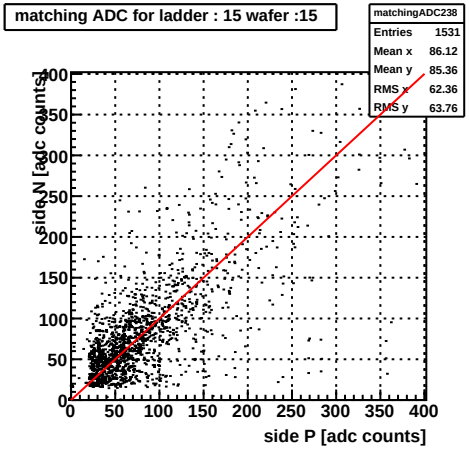

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1405
Mean x 86.45
Mean y 85.86
RMS x 63.66
RMS y 58.68
side N [adc counts]
side P [adc counts]

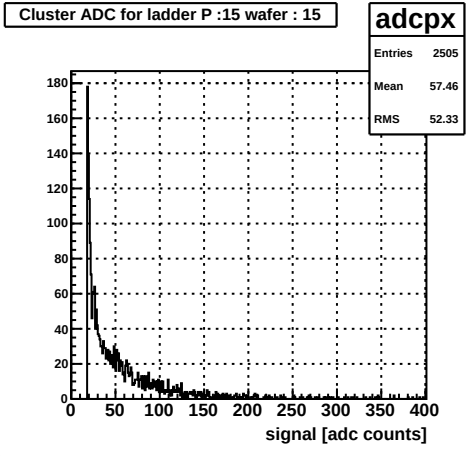

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2251
Mean 60.57
RMS 57.48
signal [adc counts]

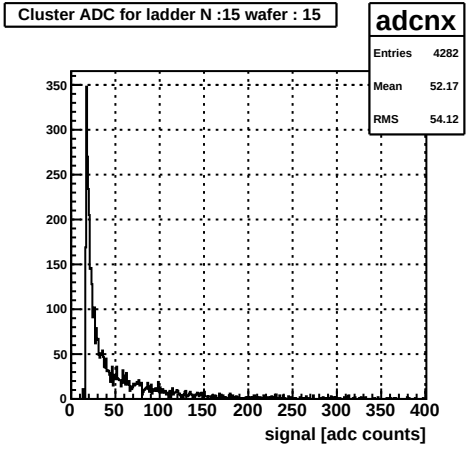

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2560
Mean 71.91
RMS 62.18
signal [adc counts]

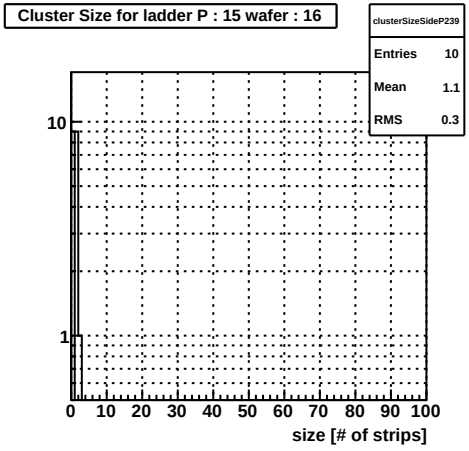

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2505
Mean 1.306
RMS 0.651
size [# of strips]

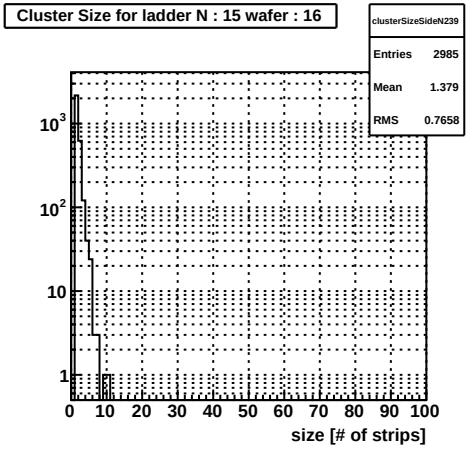

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4282
Mean 1.383
RMS 0.7705
size [# of strips]

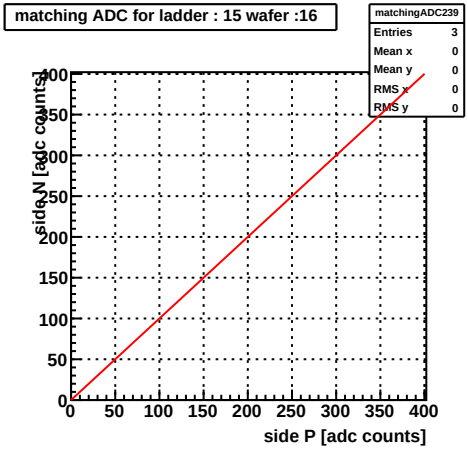

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1531
Mean x 86.12
Mean y 85.36
RMS x 62.36
RMS y 63.76
side N [adc counts]
side P [adc counts]

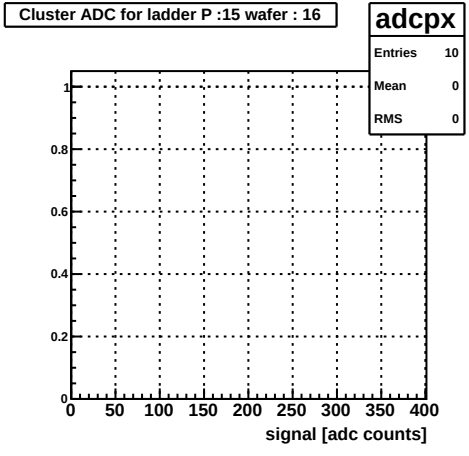

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2505
Mean 57.46
RMS 52.33
signal [adc counts]

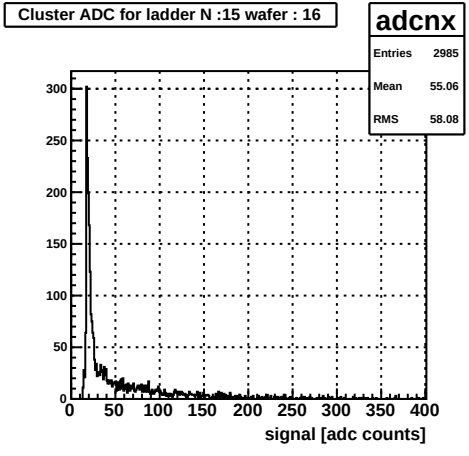

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4282
Mean 52.17
RMS 54.12
signal [adc counts]

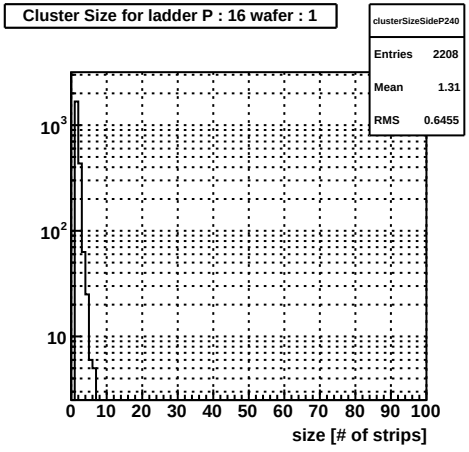

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

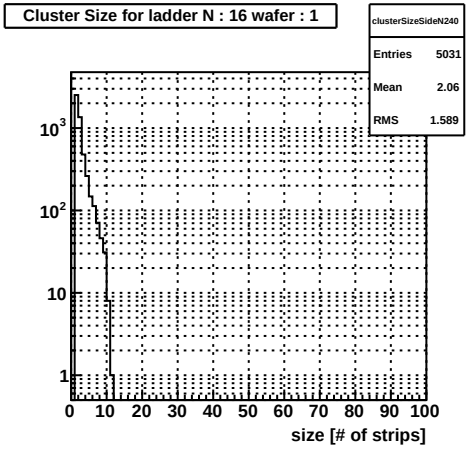

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2985
Mean 1.379
RMS 0.7658
size [# of strips]

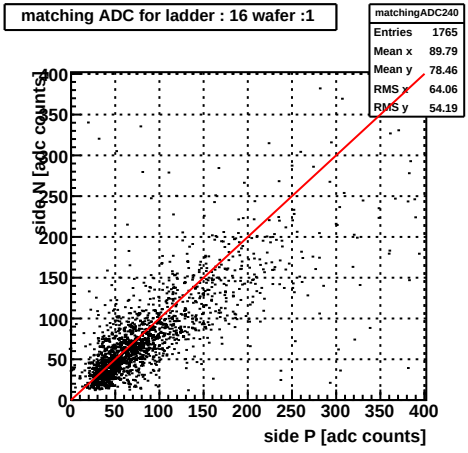

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

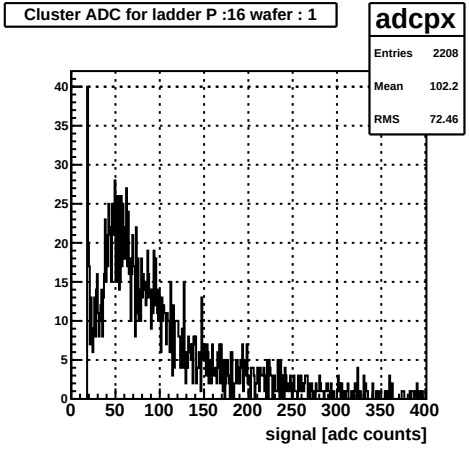

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

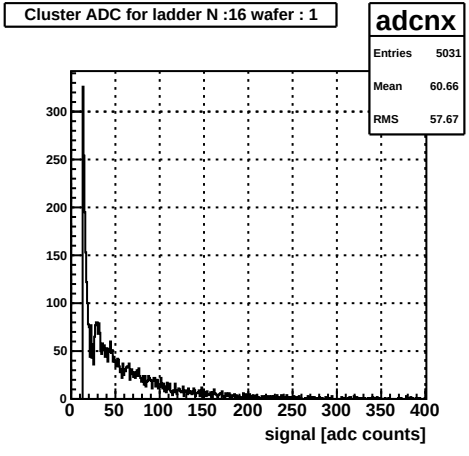

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2985
Mean 55.06
RMS 58.08
signal [adc counts]

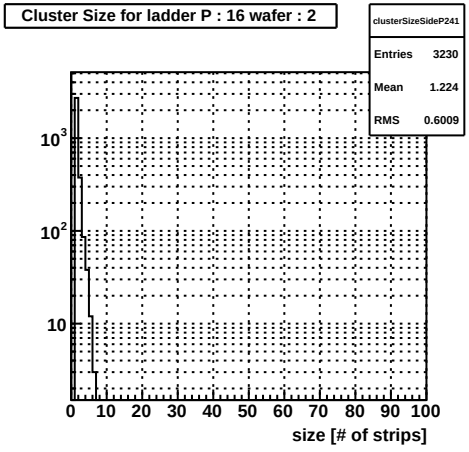

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2208
Mean 1.31
RMS 0.6455
size [# of strips]

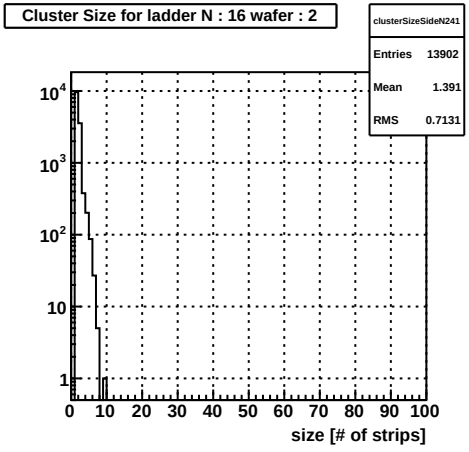

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5031
Mean 2.06
RMS 1.589
size [# of strips]

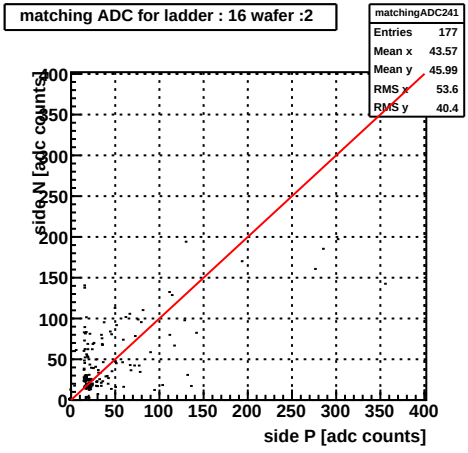

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1765
Mean x 89.79
Mean y 78.46
RMS x 64.06
RMS y 54.19
side N [adc counts]
side P [adc counts]

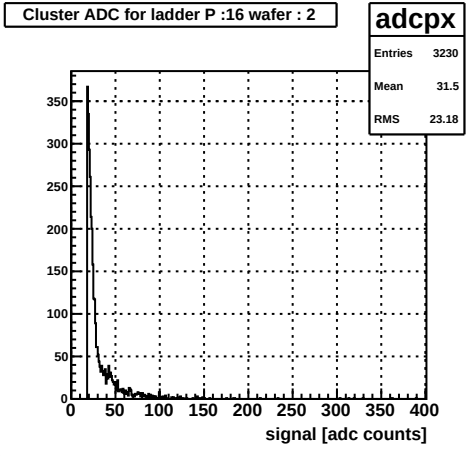

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2208
Mean 102.2
RMS 72.46
signal [adc counts]

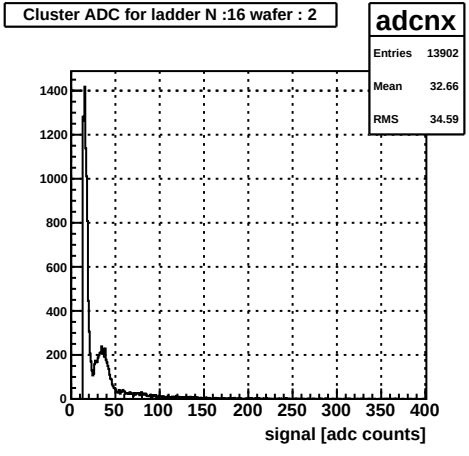

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5031
Mean 60.66
RMS 57.67
signal [adc counts]

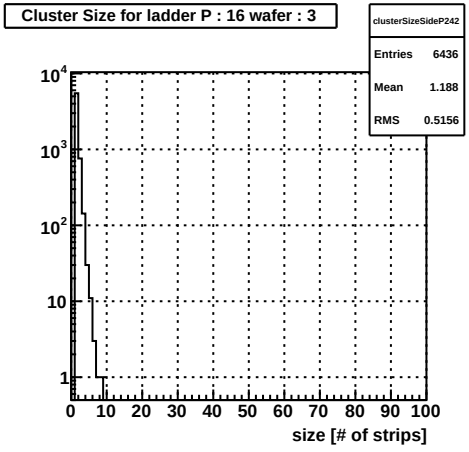

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3230
Mean 1.224
RMS 0.6009
size [# of strips]

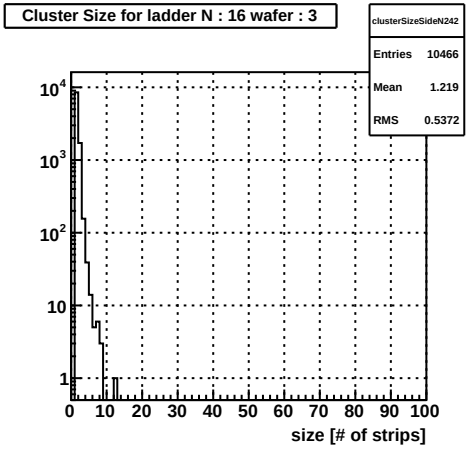

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 13902
Mean 1.391
RMS 0.7131
size [# of strips]

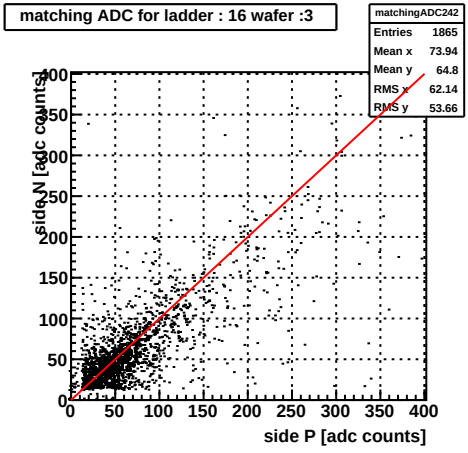

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 177
Mean x 43.57
Mean y 45.99
RMS x 53.6
RMS y 40.4
side N [adc counts]
side P [adc counts]

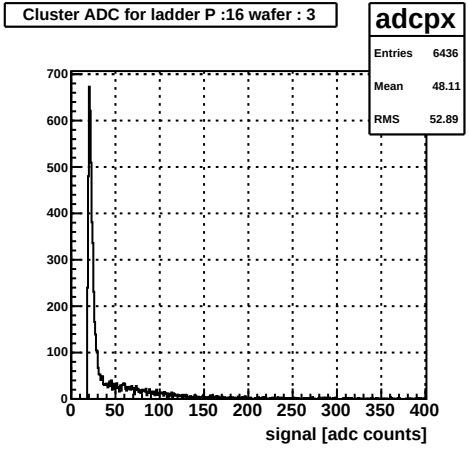

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3230
Mean 31.5
RMS 23.18
signal [adc counts]

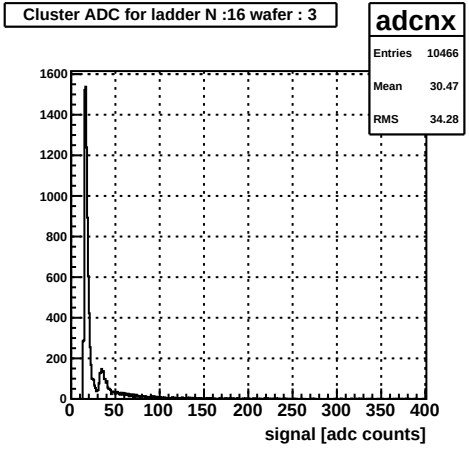

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 13902
Mean 32.66
RMS 34.59
signal [adc counts]

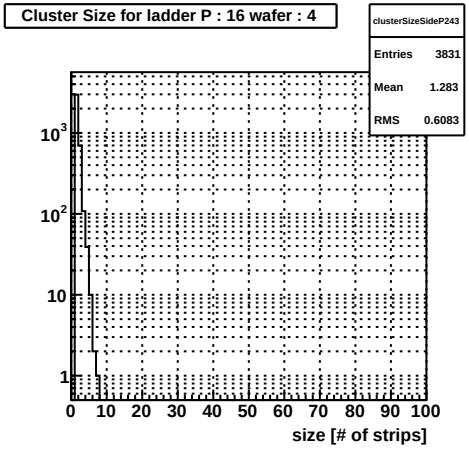

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6436
Mean 1.188
RMS 0.5156
size [# of strips]

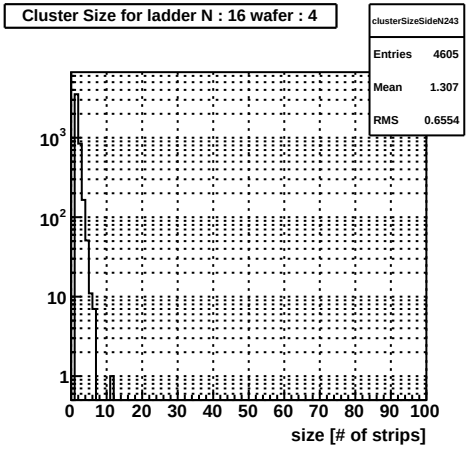

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10466
Mean 1.219
RMS 0.5372
size [# of strips]

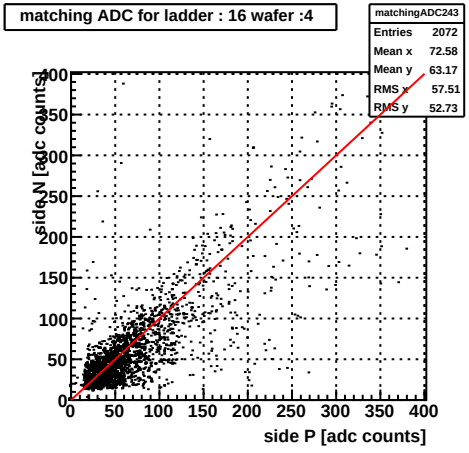

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1865
Mean x 73.94
Mean y 64.8
RMS x 62.14
RMS y 53.66
side N [adc counts]
side P [adc counts]

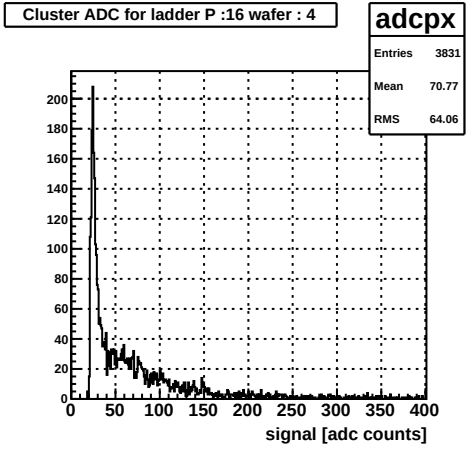

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6436
Mean 48.11
RMS 52.89
signal [adc counts]

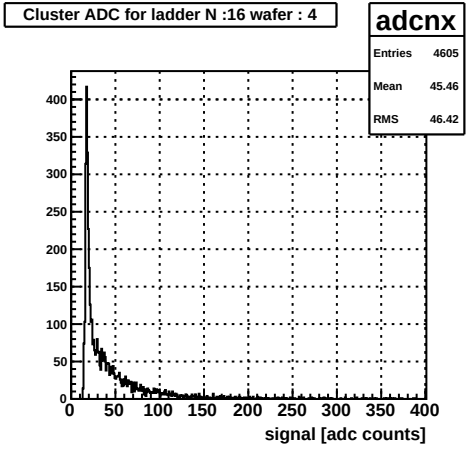

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10466
Mean 30.47
RMS 34.28
signal [adc counts]

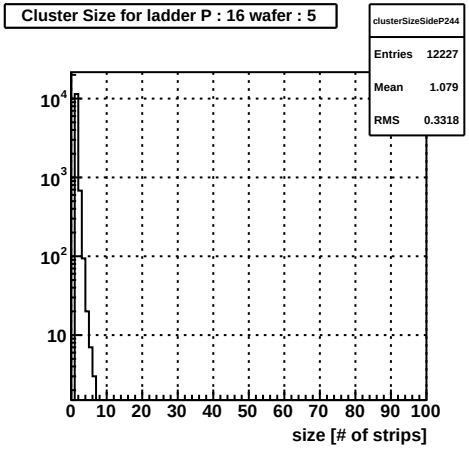

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3831
Mean 1.283
RMS 0.6083
size [# of strips]

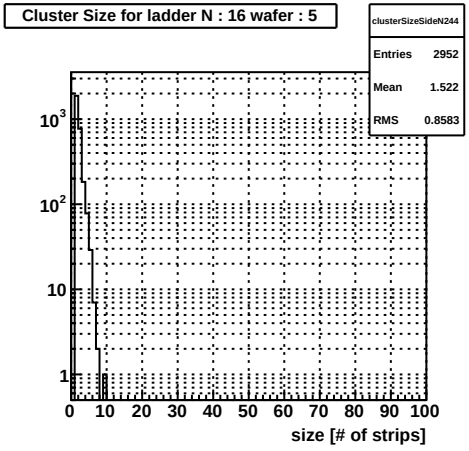

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4605
Mean 1.307
RMS 0.6554
size [# of strips]

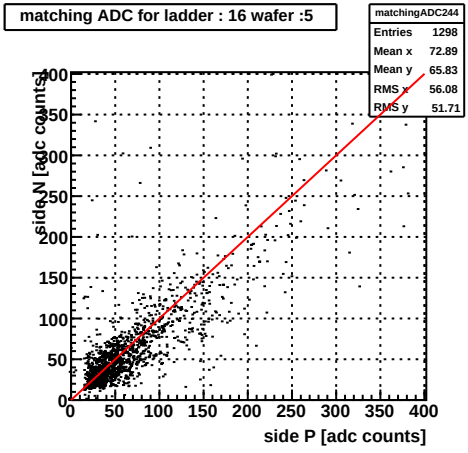

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 2072
Mean x 72.58
Mean y 63.17
RMS x 57.51
RMS y 52.73
side N [adc counts]
side P [adc counts]

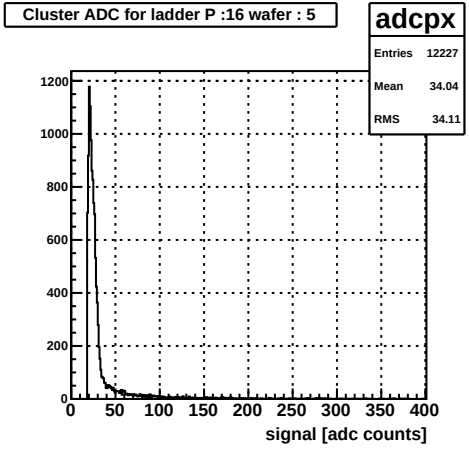

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3831
Mean 70.77
RMS 64.06
signal [adc counts]

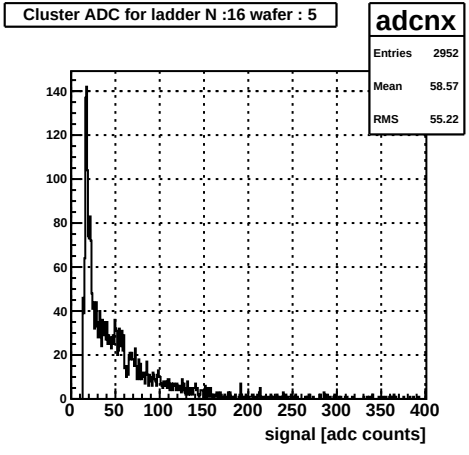

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4605
Mean 45.46
RMS 46.42
signal [adc counts]

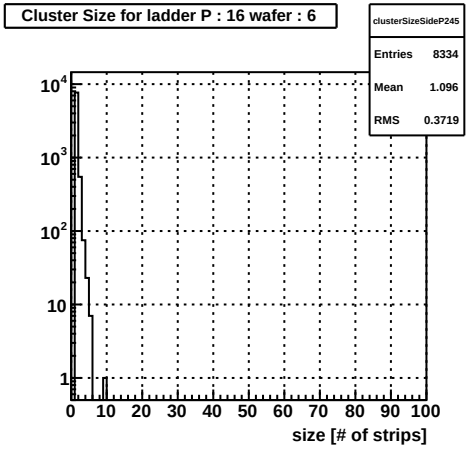

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12227
Mean 1.079
RMS 0.3318
size [# of strips]

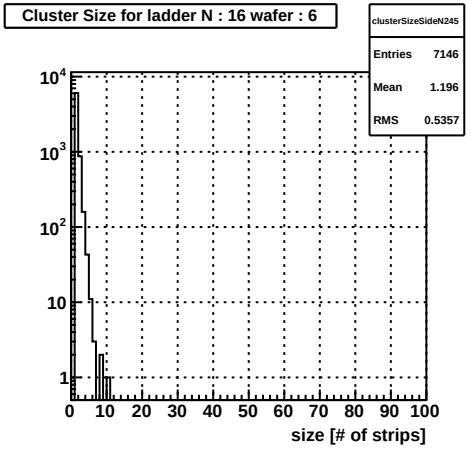

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2952
Mean 1.522
RMS 0.8583
size [# of strips]

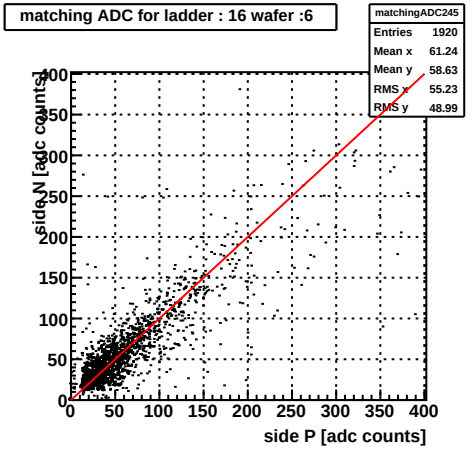

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1298
Mean x 72.89
Mean y 65.83
RMS x 56.08
RMS y 51.71
side N [adc counts]
side P [adc counts]

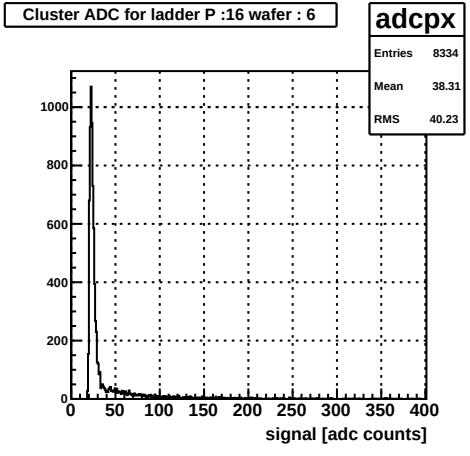

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12227
Mean 34.04
RMS 34.11
signal [adc counts]

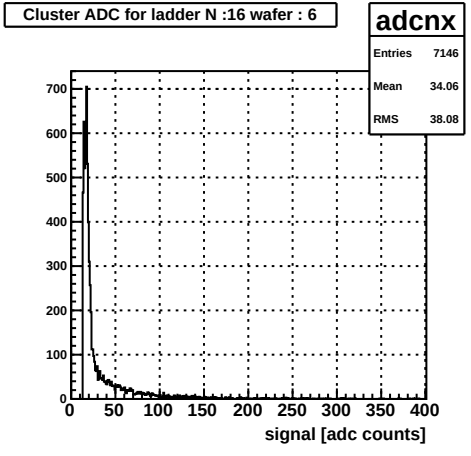

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2952
Mean 58.57
RMS 55.22
signal [adc counts]

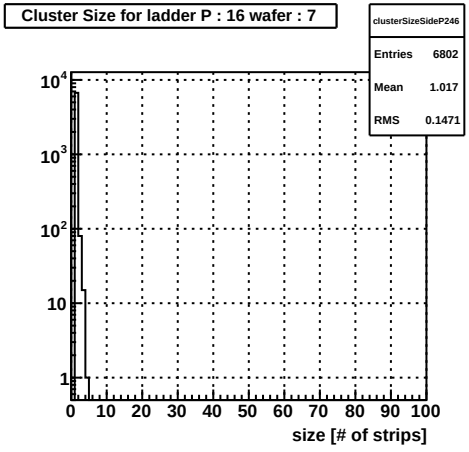

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8334
Mean 1.096
RMS 0.3719
size [# of strips]

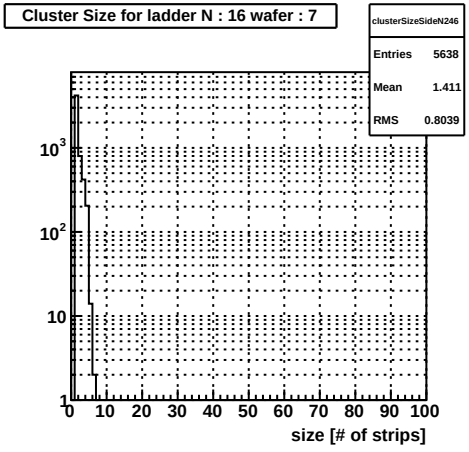

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 7146
Mean 1.196
RMS 0.5357
size [# of strips]

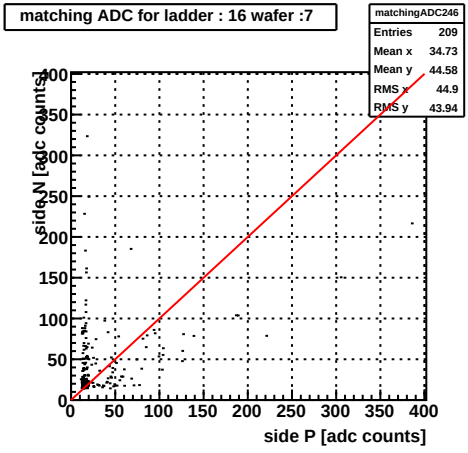

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1920
Mean x 61.24
Mean y 58.63
RMS x 55.23
RMS y 48.99
side N [adc counts]
side P [adc counts]

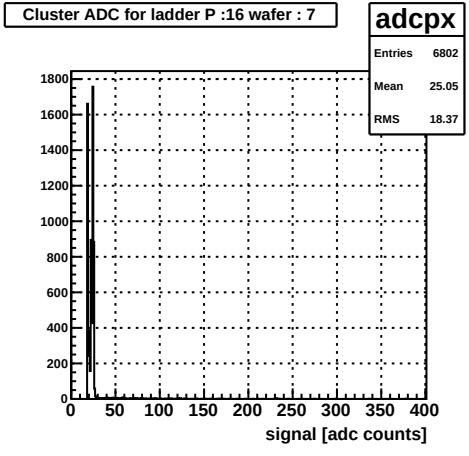

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8334
Mean 38.31
RMS 40.23
signal [adc counts]

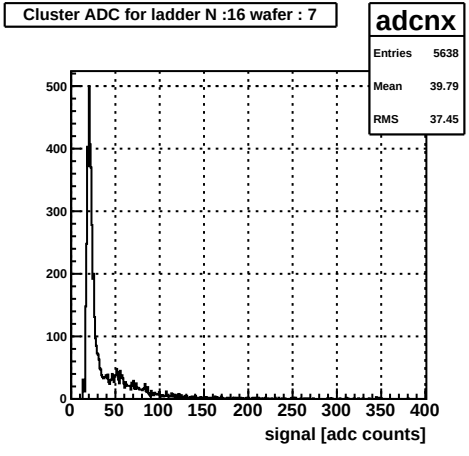

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 7146
Mean 34.06
RMS 38.08
signal [adc counts]

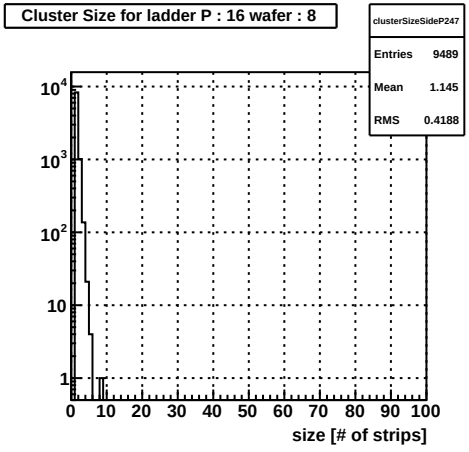

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 6802
Mean 1.017
RMS 0.1471
size [# of strips]

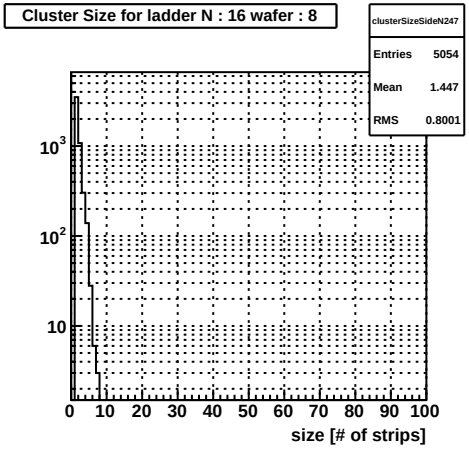

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5638
Mean 1.411
RMS 0.8039
size [# of strips]

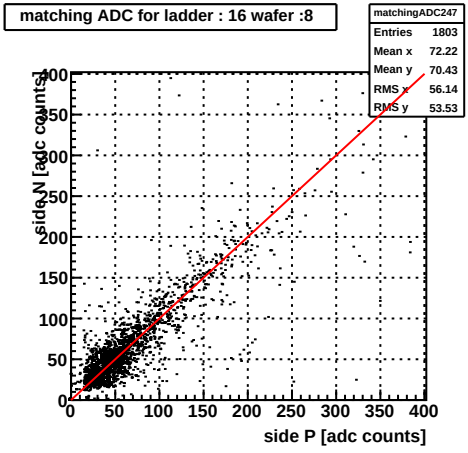

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 209
Mean x 34.73
Mean y 44.58
RMS x 44.9
RMS y 43.94
side N [adc counts]
side P [adc counts]

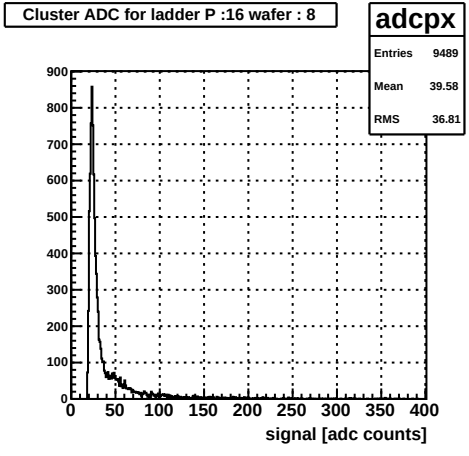

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 6802
Mean 25.05
RMS 18.37
signal [adc counts]

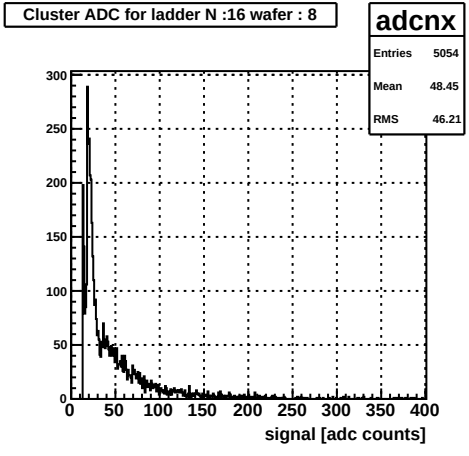

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5638
Mean 39.79
RMS 37.45
signal [adc counts]

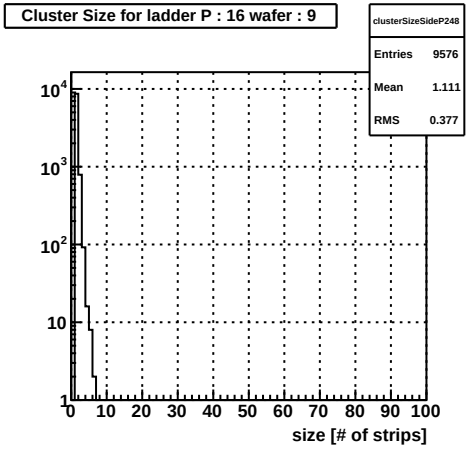

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9489
Mean 1.145
RMS 0.4188
size [# of strips]

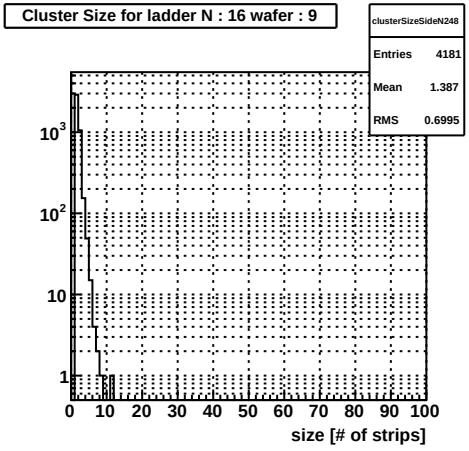

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 5054
Mean 1.447
RMS 0.8001
size [# of strips]

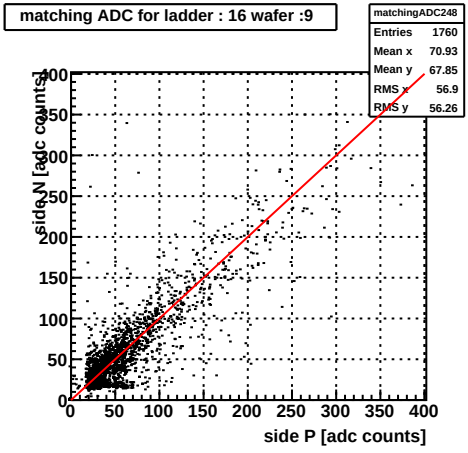

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1803
Mean x 72.22
Mean y 70.43
RMS x 56.14
RMS y 53.53
side N [adc counts]
side P [adc counts]

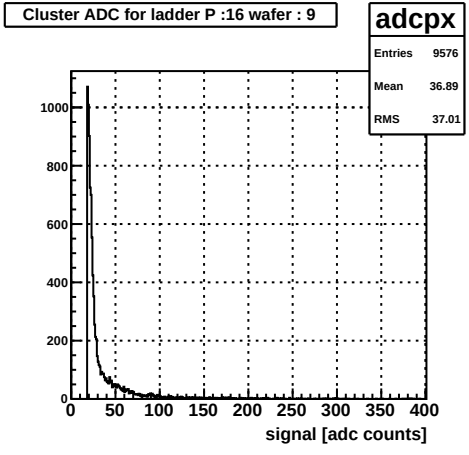

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9489
Mean 39.58
RMS 36.81
signal [adc counts]

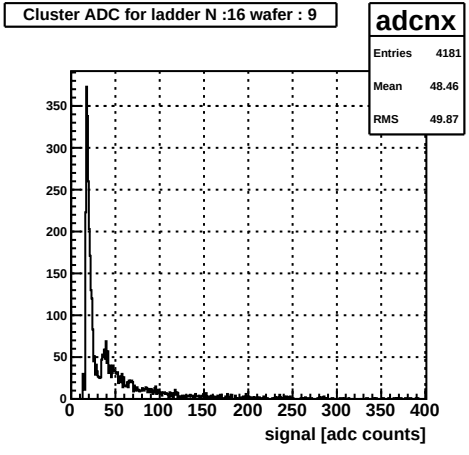

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 5054
Mean 48.45
RMS 46.21
signal [adc counts]

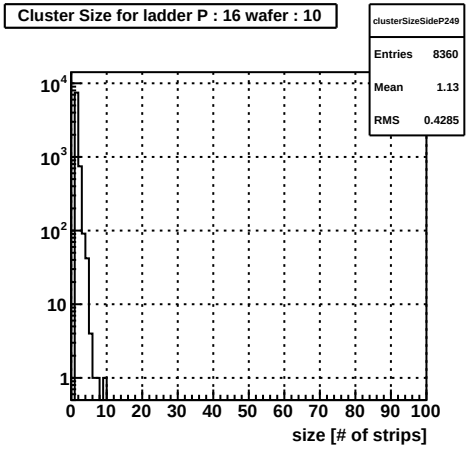

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9576
Mean 1.111
RMS 0.377
size [# of strips]

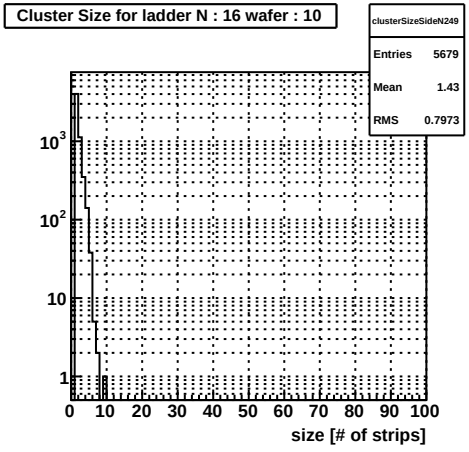

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4181
Mean 1.387
RMS 0.6995
size [# of strips]

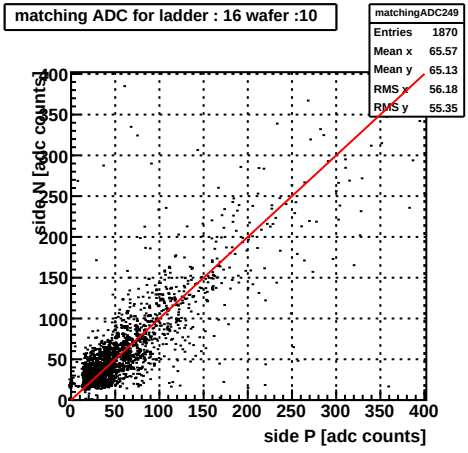

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1760
Mean x 70.93
Mean y 67.85
RMS x 56.9
RMS y 56.26
side N [adc counts]
side P [adc counts]

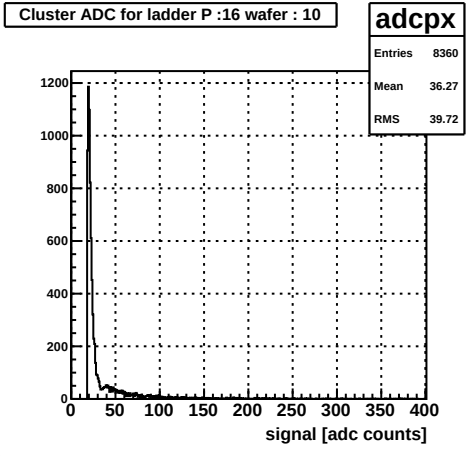

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9576
Mean 36.89
RMS 37.01
signal [adc counts]

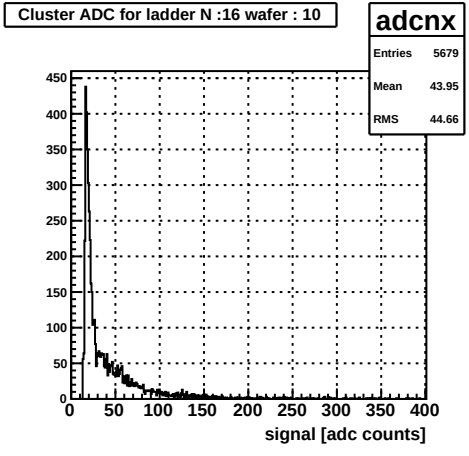

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4181
Mean 48.46
RMS 49.87
signal [adc counts]

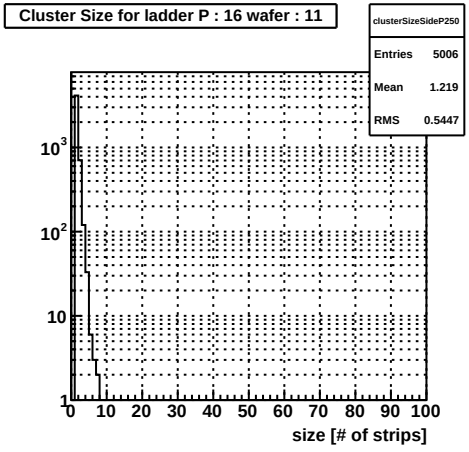

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8360
Mean 1.13
RMS 0.4285
size [# of strips]

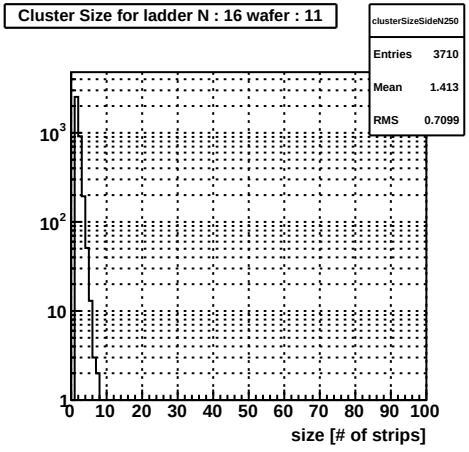

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5679
Mean 1.43
RMS 0.7973
size [# of strips]

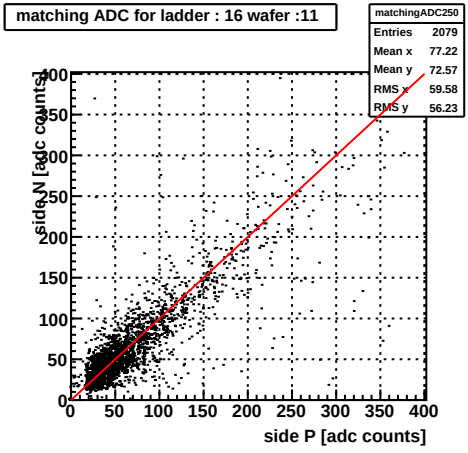

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1870
Mean x 65.57
Mean y 65.13
RMS x 56.18
RMS y 55.35
side N [adc counts]
side P [adc counts]

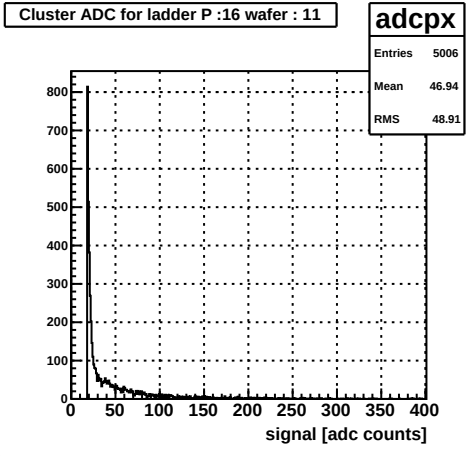

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8360
Mean 36.27
RMS 39.72
signal [adc counts]

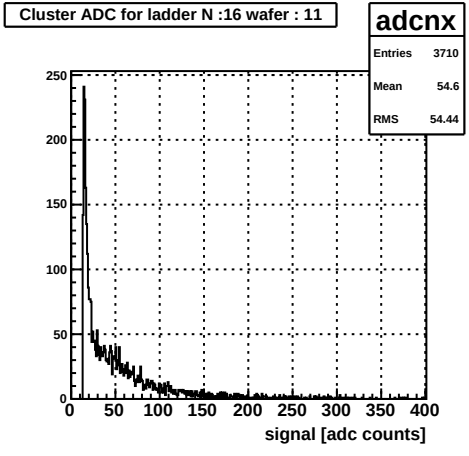

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5679
Mean 43.95
RMS 44.66
signal [adc counts]

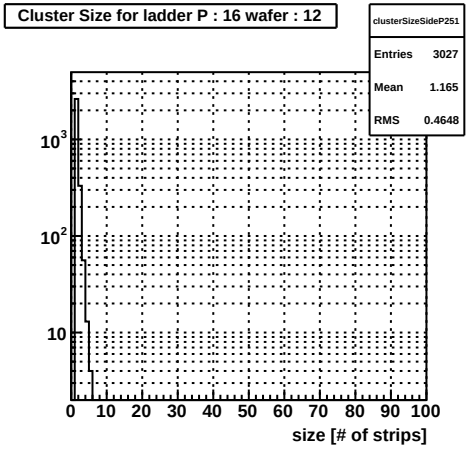

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5006
Mean 1.219
RMS 0.5447
size [# of strips]

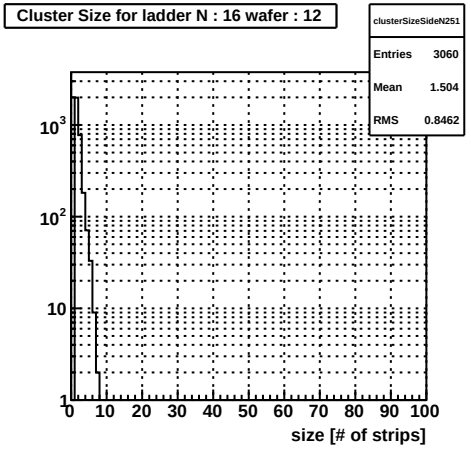

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3710
Mean 1.413
RMS 0.7099
size [# of strips]

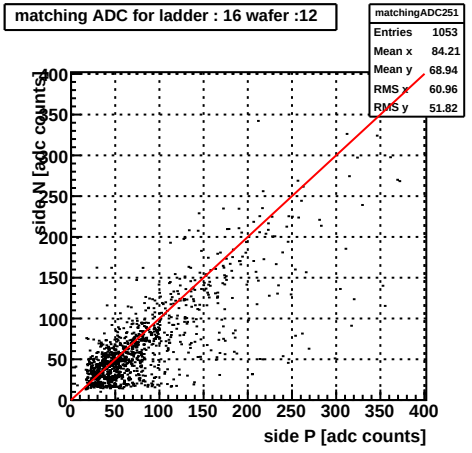

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 2079
Mean x 77.22
Mean y 72.57
RMS x 59.58
RMS y 56.23
side N [adc counts]
side P [adc counts]

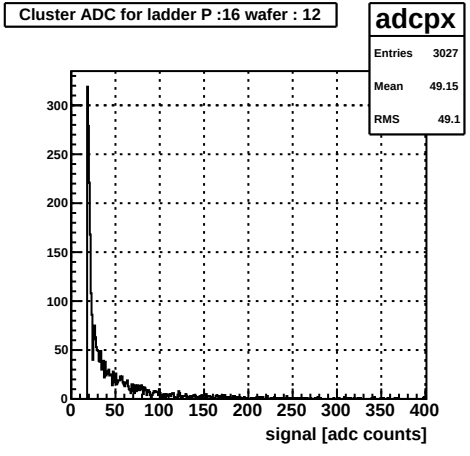

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5006
Mean 46.94
RMS 48.91
signal [adc counts]

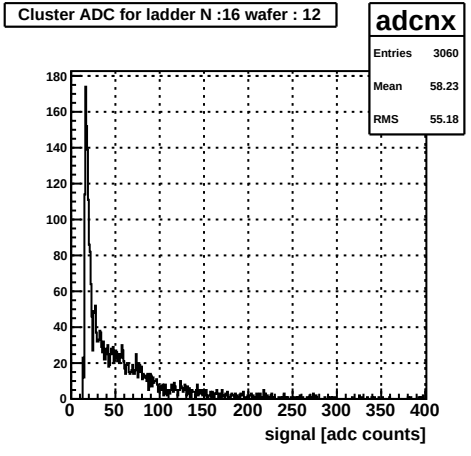

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3710
Mean 54.6
RMS 54.44
signal [adc counts]

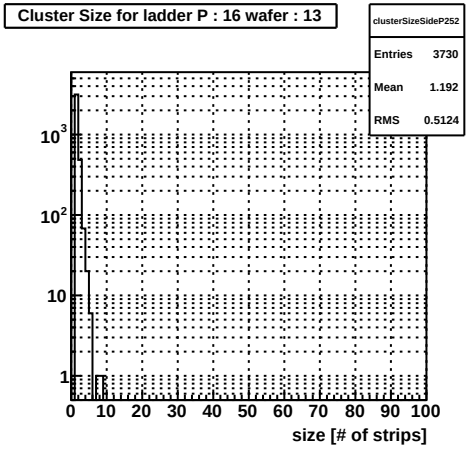

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3027
Mean 1.165
RMS 0.4648
size [# of strips]

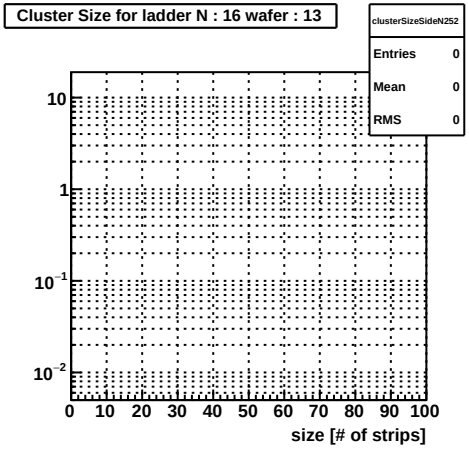

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3060
Mean 1.504
RMS 0.8462
size [# of strips]

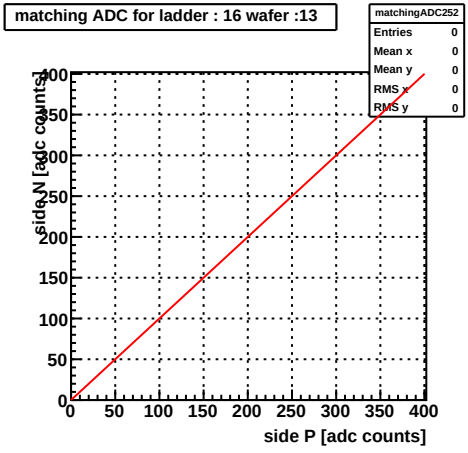

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1053
Mean x 84.21
Mean y 68.94
RMS x 60.96
RMS y 51.82
side N [adc counts]
side P [adc counts]

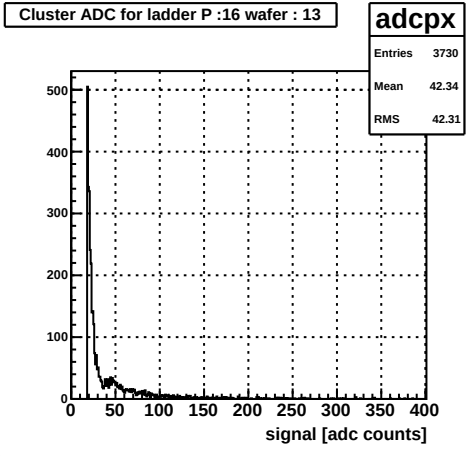

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3027
Mean 49.15
RMS 49.1
signal [adc counts]

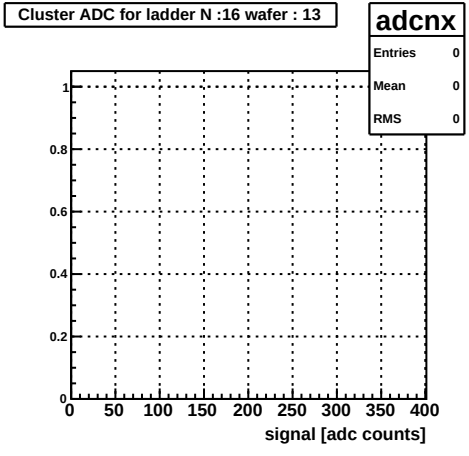

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3060
Mean 58.23
RMS 55.18
signal [adc counts]

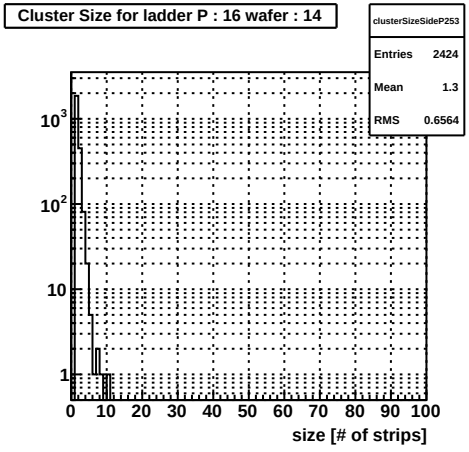

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3730
Mean 1.192
RMS 0.5124
size [# of strips]

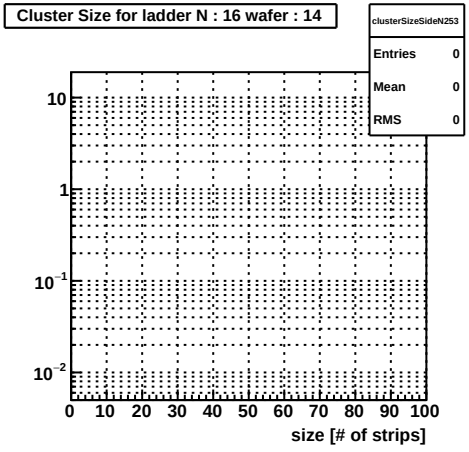

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

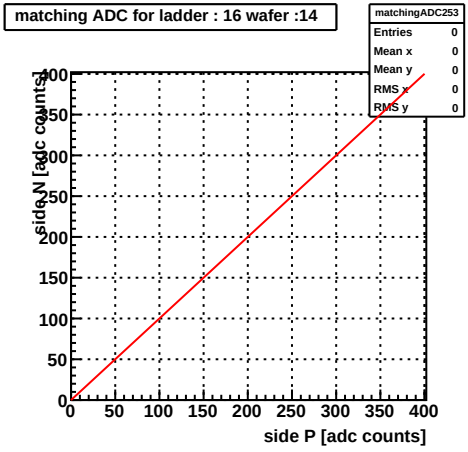

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

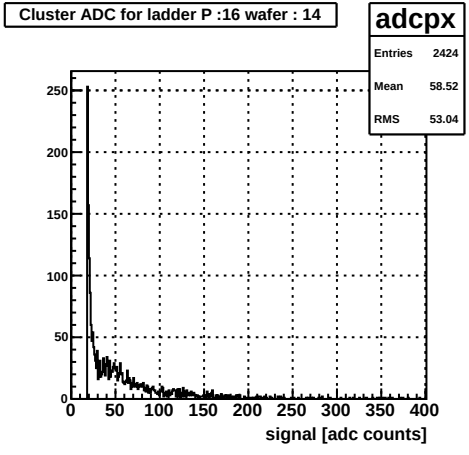

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3730
Mean 42.34
RMS 42.31
signal [adc counts]

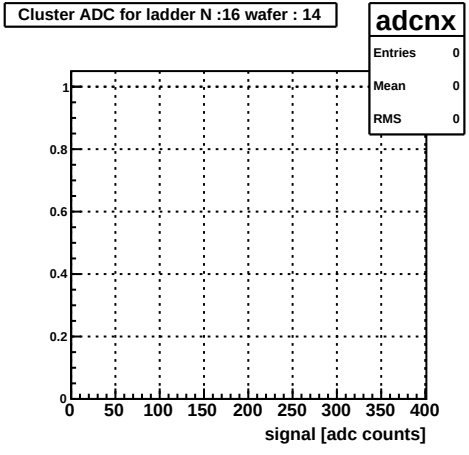

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

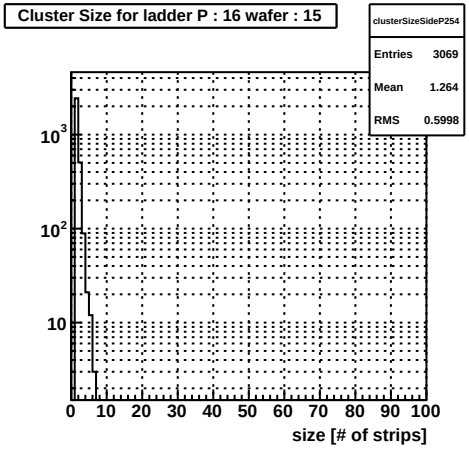

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2424
Mean 1.3
RMS 0.6564
size [# of strips]

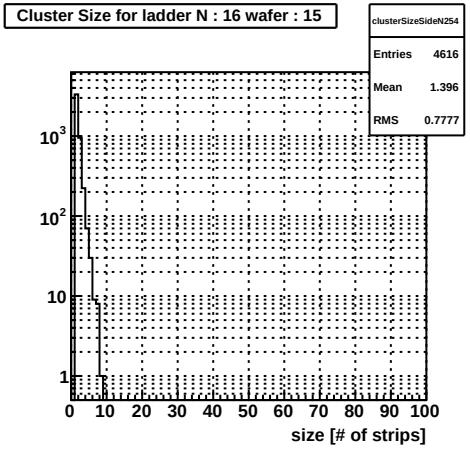

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

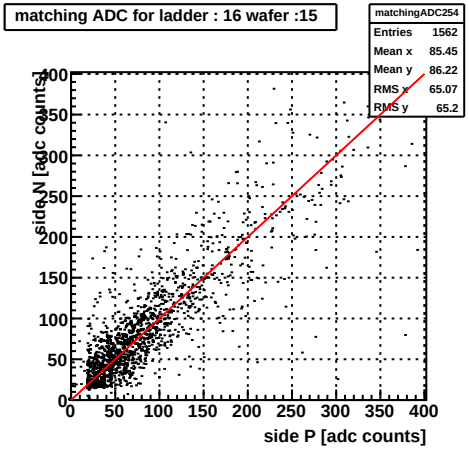

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

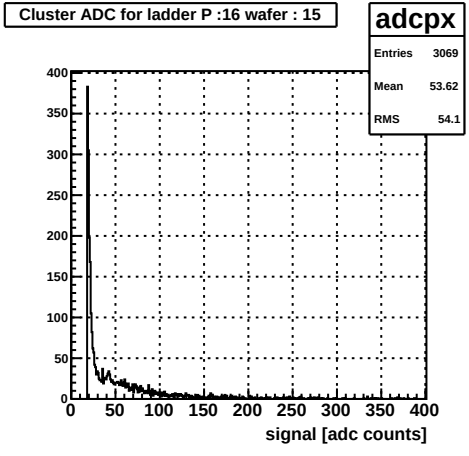

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2424
Mean 58.52
RMS 53.04
signal [adc counts]

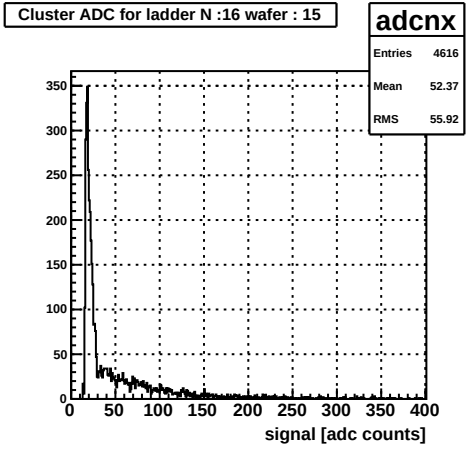

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

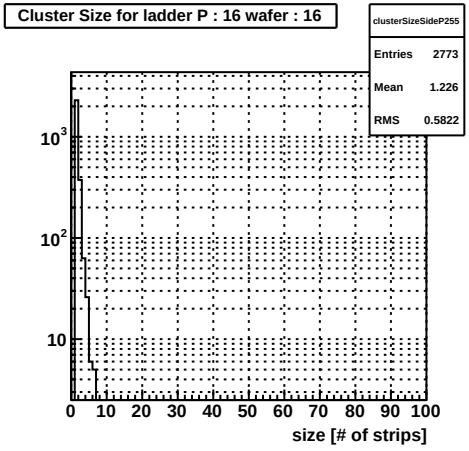

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3069
Mean 1.264
RMS 0.5998
size [# of strips]

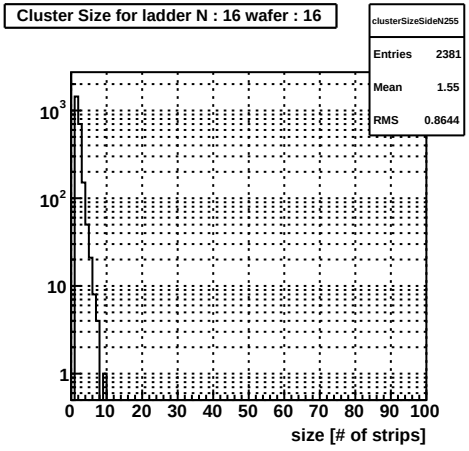

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4616
Mean 1.396
RMS 0.7777
size [# of strips]

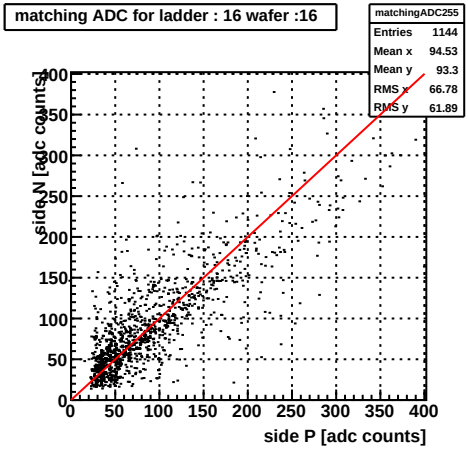

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1562
Mean x 85.45
Mean y 86.22
RMS x 65.07
RMS y 65.2
side N [adc counts]
side P [adc counts]

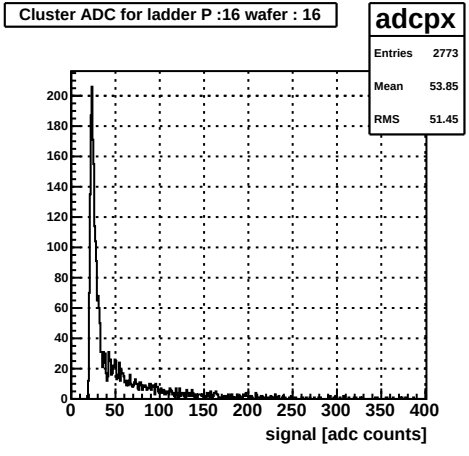

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3069
Mean 53.62
RMS 54.1
signal [adc counts]

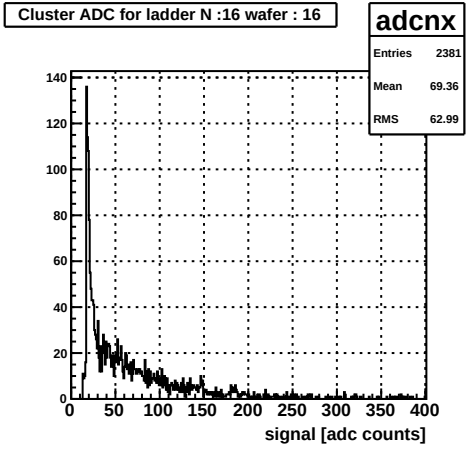

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4616
Mean 52.37
RMS 55.92
signal [adc counts]

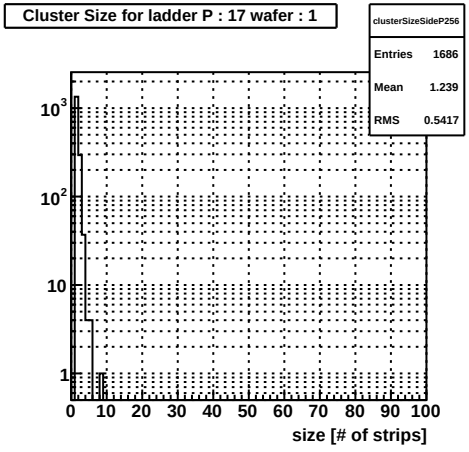

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2773
Mean 1.226
RMS 0.5822
size [# of strips]

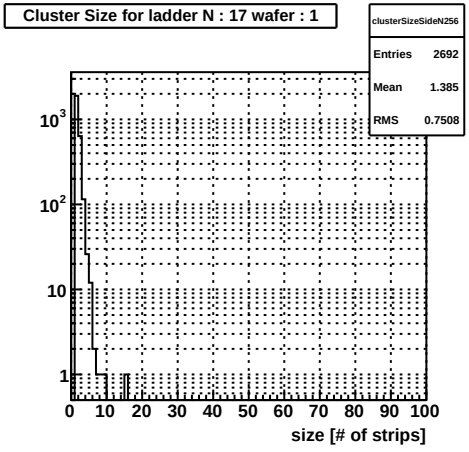

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2381
Mean 1.55
RMS 0.8644
size [# of strips]

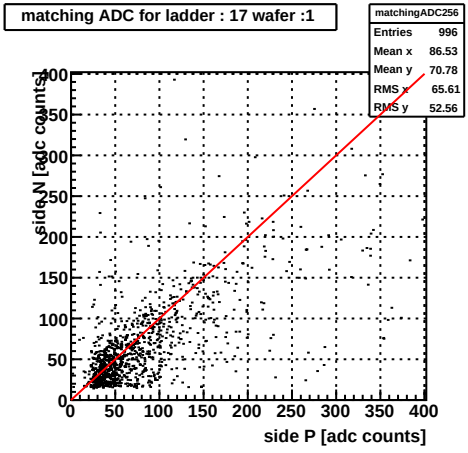

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1144
Mean x 94.53
Mean y 93.3
RMS x 66.78
RMS y 61.89
side N [adc counts]
side P [adc counts]

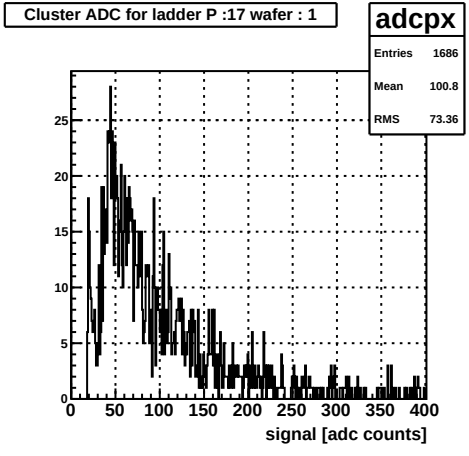

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2773
Mean 53.85
RMS 51.45
signal [adc counts]

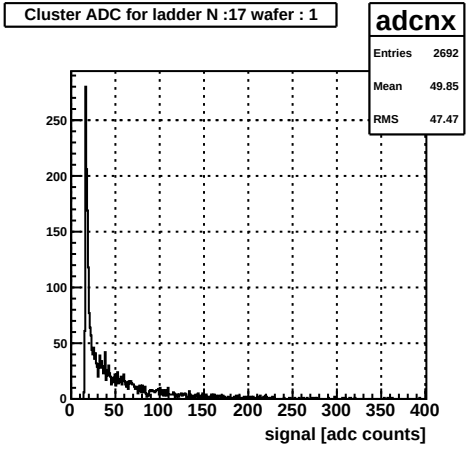

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2381
Mean 69.36
RMS 62.99
signal [adc counts]

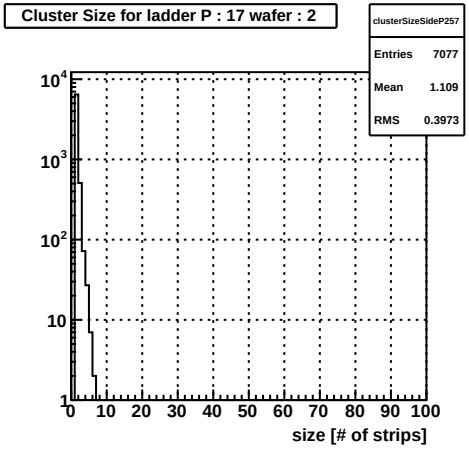

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1686
Mean 1.239
RMS 0.5417
size [# of strips]

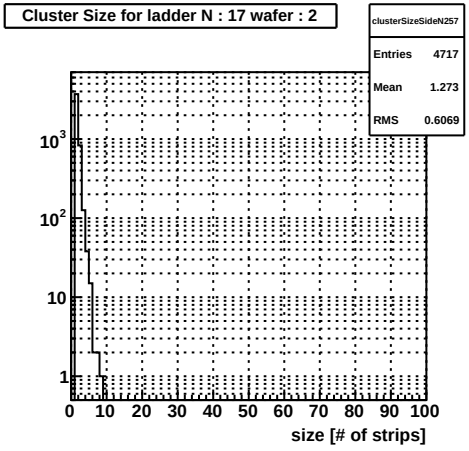

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2692
Mean 1.385
RMS 0.7508
size [# of strips]

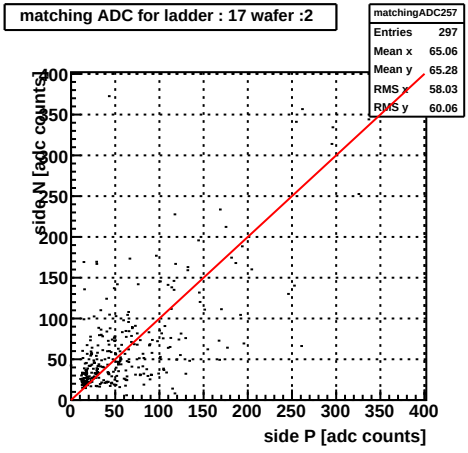

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 996
Mean x 86.53
Mean y 70.78
RMS x 65.61
RMS y 52.56
side N [adc counts]
side P [adc counts]

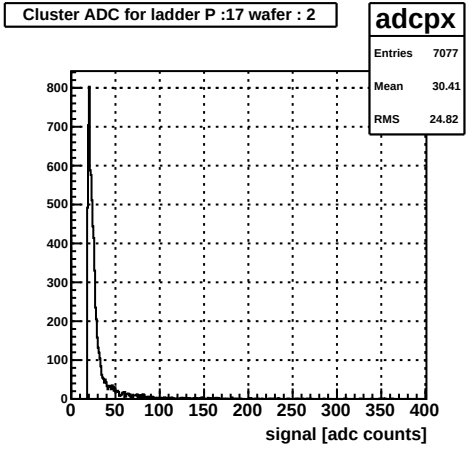

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1686
Mean 100.8
RMS 73.36
signal [adc counts]

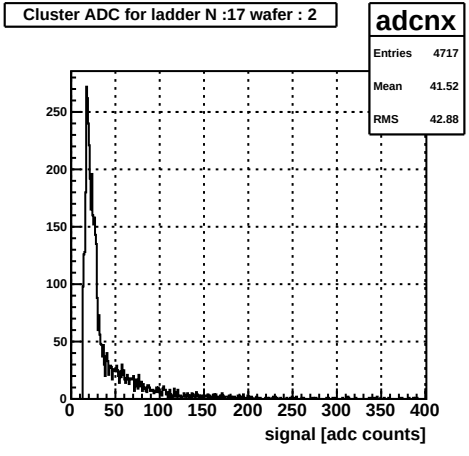

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2692
Mean 49.85
RMS 47.47
signal [adc counts]

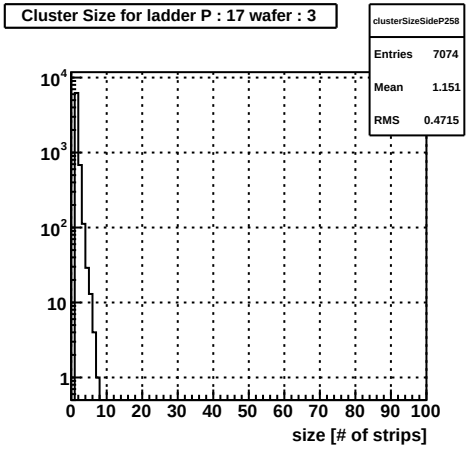

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7077
Mean 1.109
RMS 0.3973
size [# of strips]

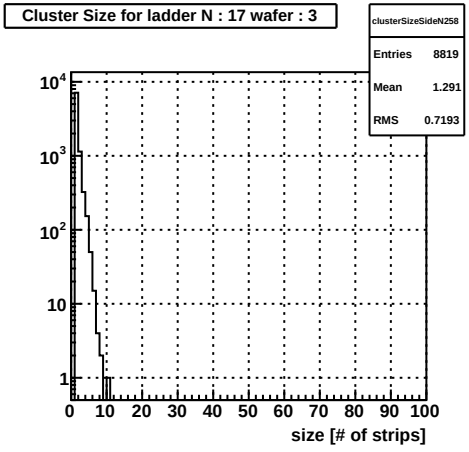

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4717
Mean 1.273
RMS 0.6069
size [# of strips]

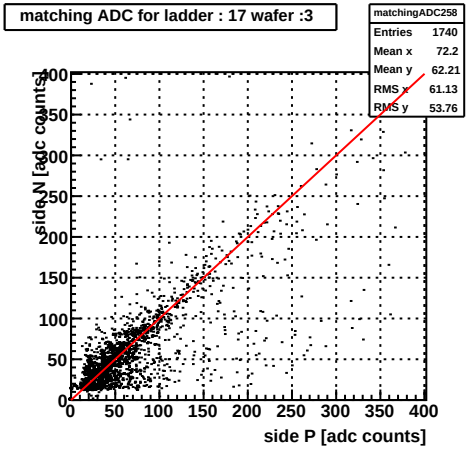

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 297
Mean x 65.06
Mean y 65.28
RMS x 58.03
RMS y 60.06
side N [adc counts]
side P [adc counts]

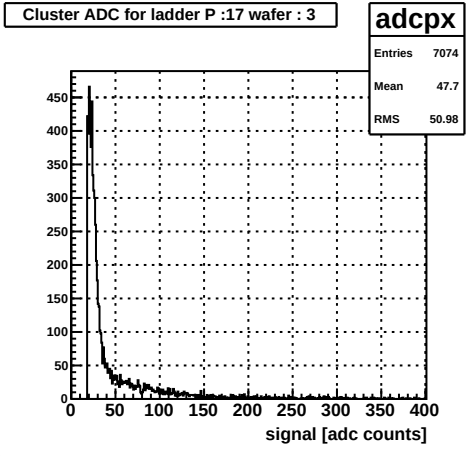

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7077
Mean 30.41
RMS 24.82
signal [adc counts]

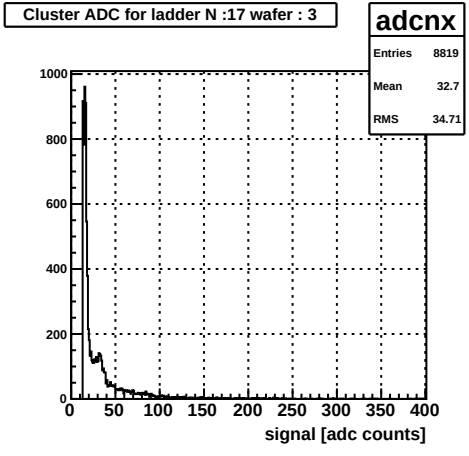

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4717
Mean 41.52
RMS 42.88
signal [adc counts]

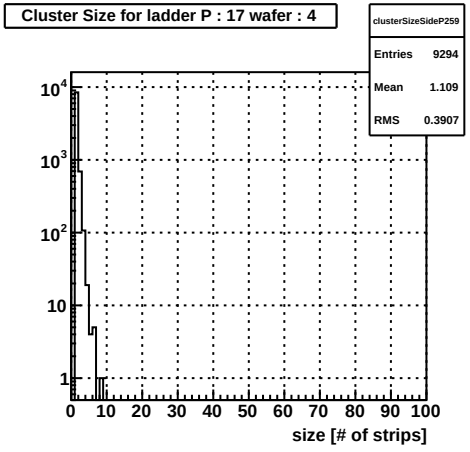

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7074
Mean 1.151
RMS 0.4715
size [# of strips]

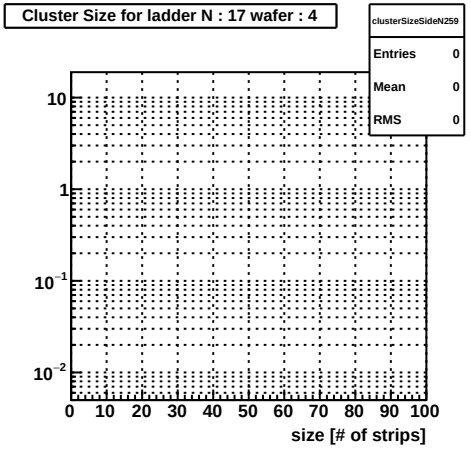

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8819
Mean 1.291
RMS 0.7193
size [# of strips]

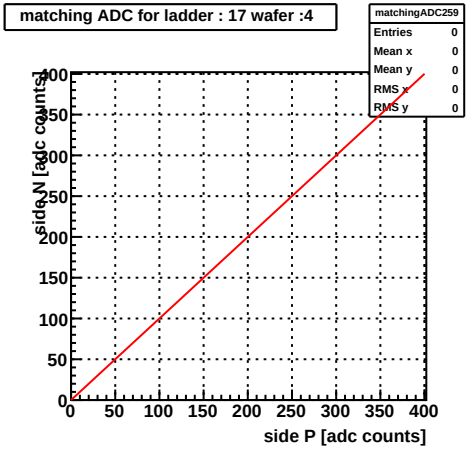

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1740
Mean x 72.2
Mean y 62.21
RMS x 61.13
RMS y 53.76
side N [adc counts]
side P [adc counts]

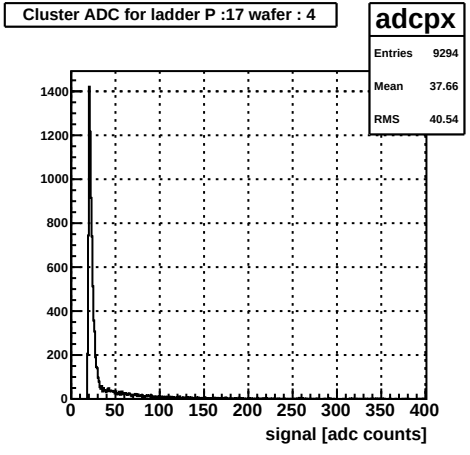

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7074
Mean 47.7
RMS 50.98
signal [adc counts]

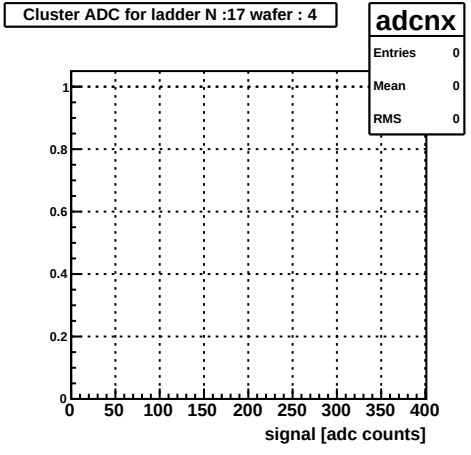

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8819
Mean 32.7
RMS 34.71
signal [adc counts]

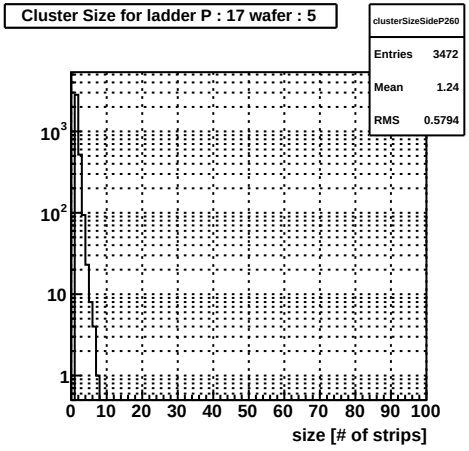

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9294
Mean 1.109
RMS 0.3907
size [# of strips]

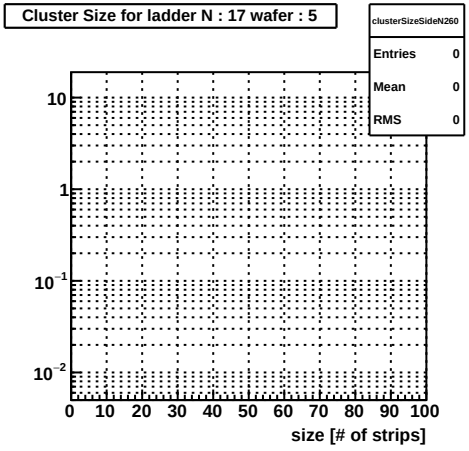

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

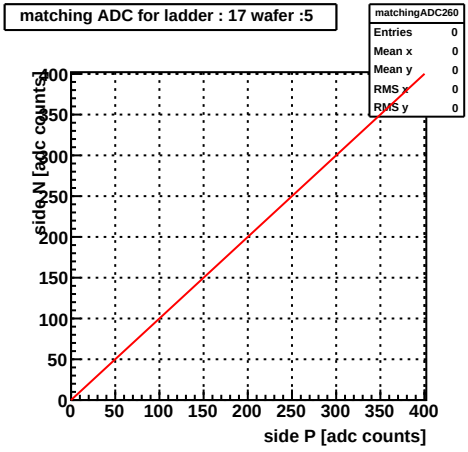

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

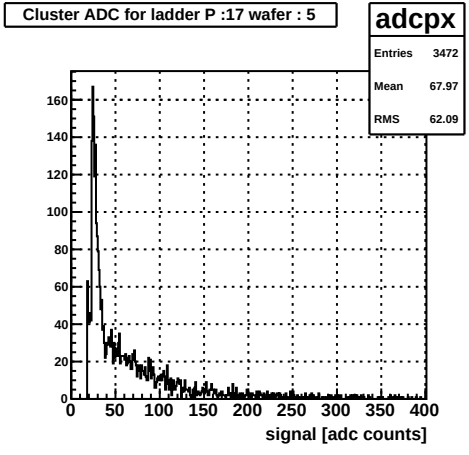

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9294
Mean 37.66
RMS 40.54
signal [adc counts]

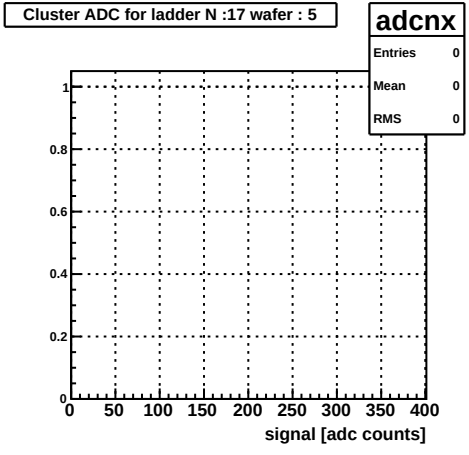

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

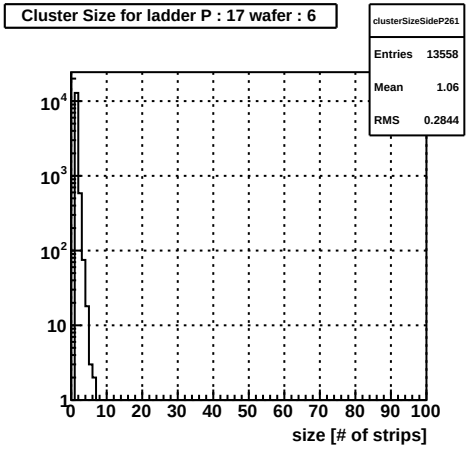

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3472
Mean 1.24
RMS 0.5794
size [# of strips]

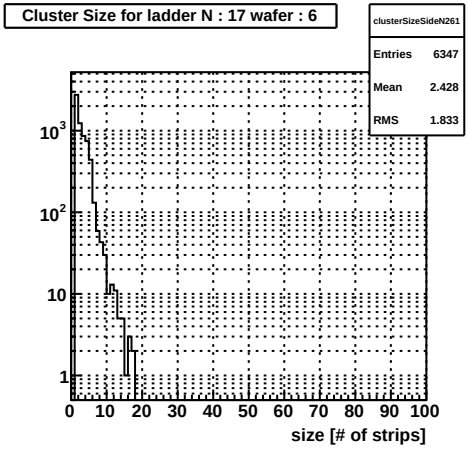

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

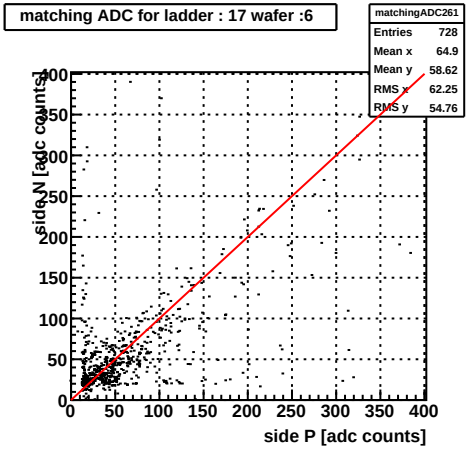

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

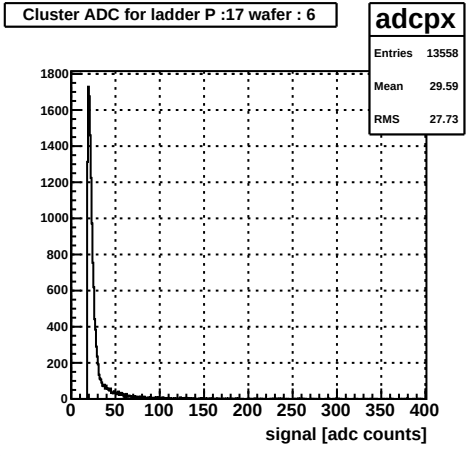

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3472
Mean 67.97
RMS 62.09
signal [adc counts]

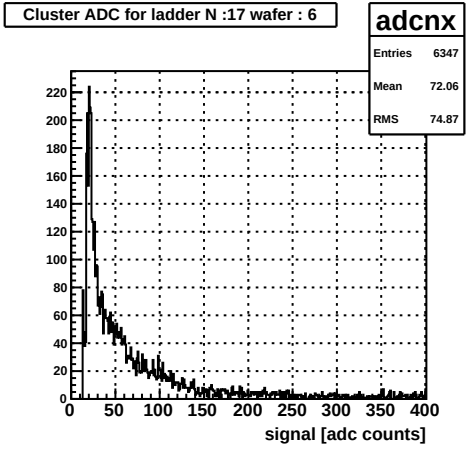

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

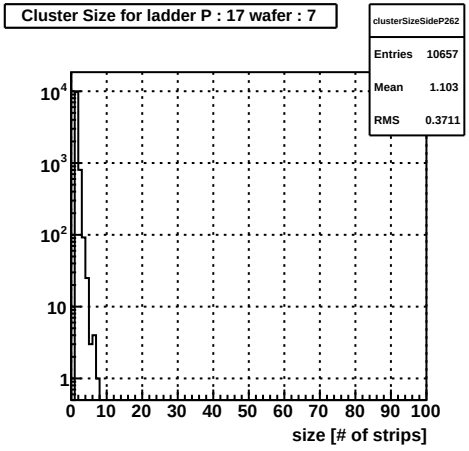

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13558
Mean 1.06
RMS 0.2844
size [# of strips]

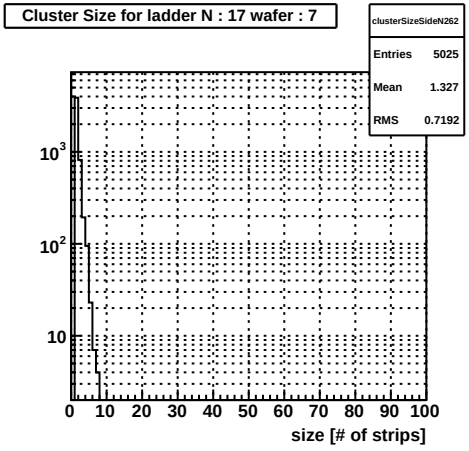

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6347
Mean 2.428
RMS 1.833
size [# of strips]

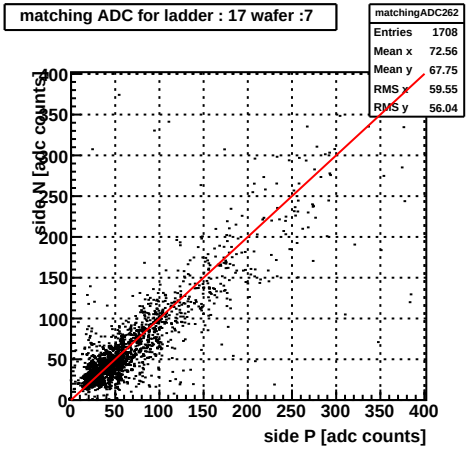

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 728
Mean x 64.9
Mean y 58.62
RMS x 62.25
RMS y 54.76
side N [adc counts]
side P [adc counts]

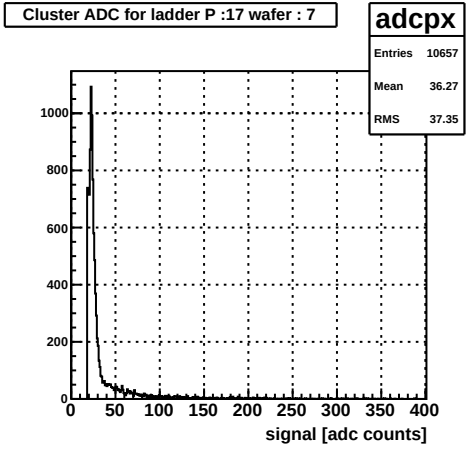

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13558
Mean 29.59
RMS 27.73
signal [adc counts]

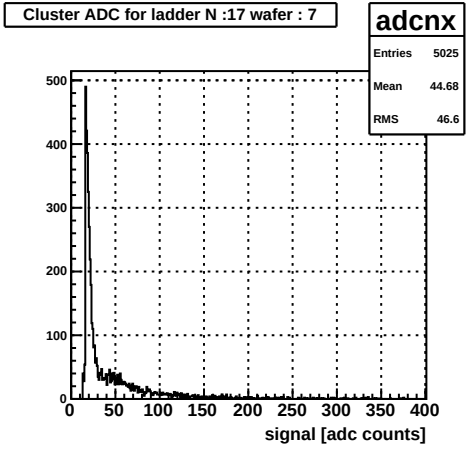

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6347
Mean 72.06
RMS 74.87
signal [adc counts]

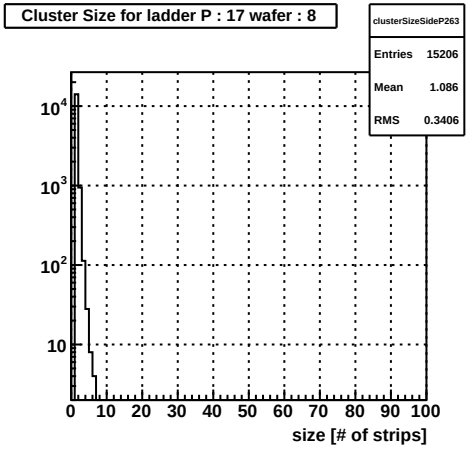

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10657
Mean 1.103
RMS 0.3711
size [# of strips]

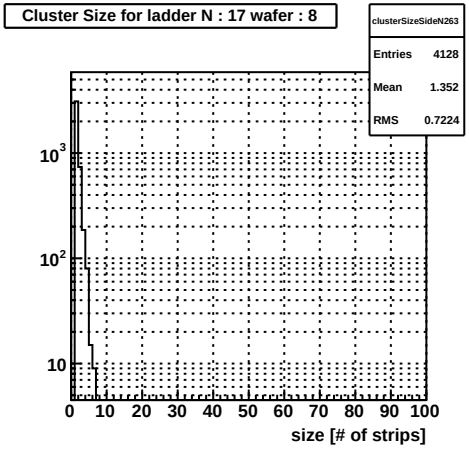

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5025
Mean 1.327
RMS 0.7192
size [# of strips]

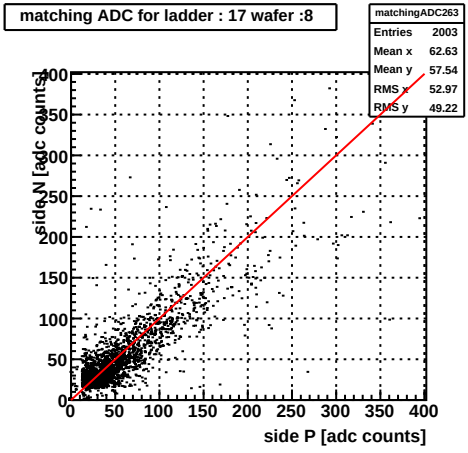

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1708
Mean x 72.56
Mean y 67.75
RMS x 59.55
RMS y 56.04
side N [adc counts]
side P [adc counts]

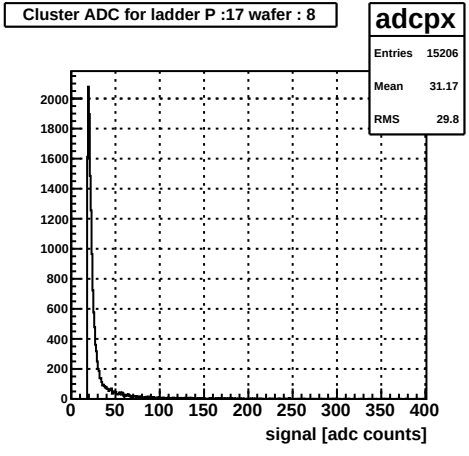

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10657
Mean 36.27
RMS 37.35
signal [adc counts]

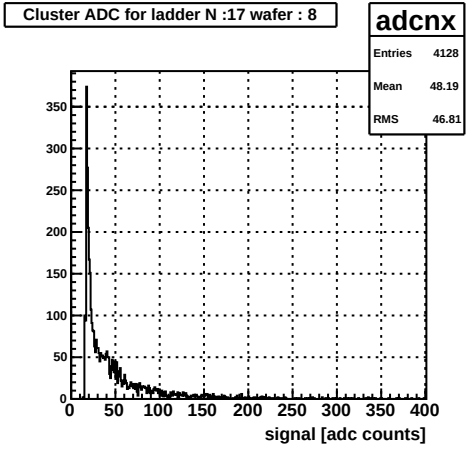

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5025
Mean 44.68
RMS 46.6
signal [adc counts]

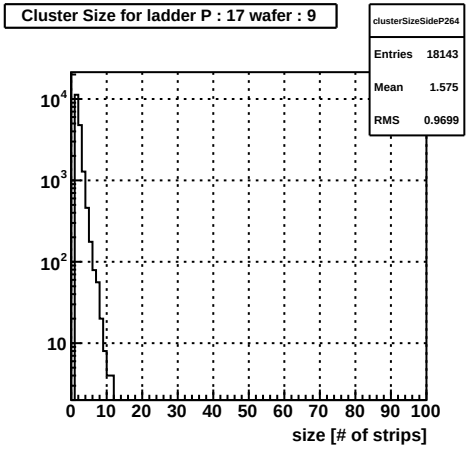

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15206
Mean 1.086
RMS 0.3406
size [# of strips]

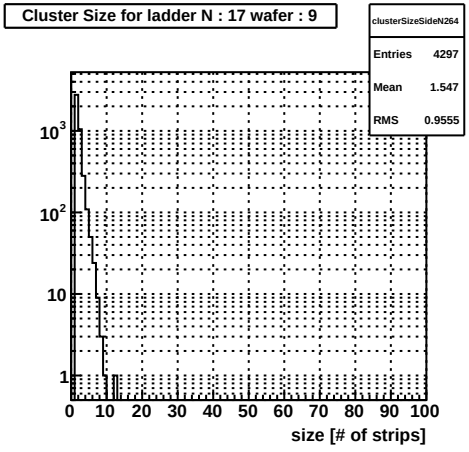

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4128
Mean 1.352
RMS 0.7224
size [# of strips]

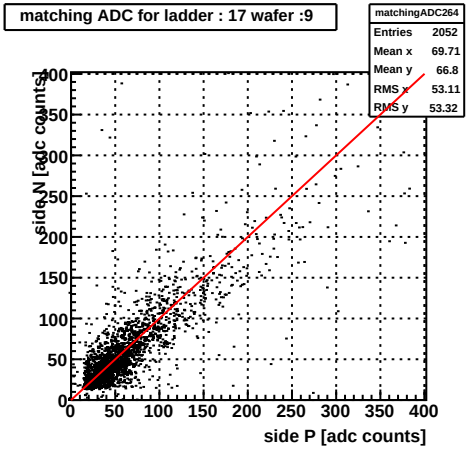

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 2003
Mean x 62.63
Mean y 57.54
RMS x 52.97
RMS y 49.22
side N [adc counts]
side P [adc counts]

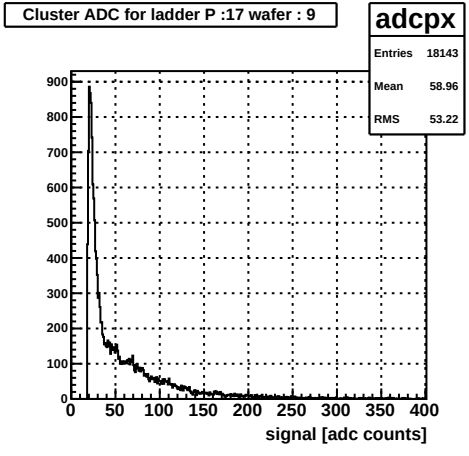

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15206
Mean 31.17
RMS 29.8
signal [adc counts]

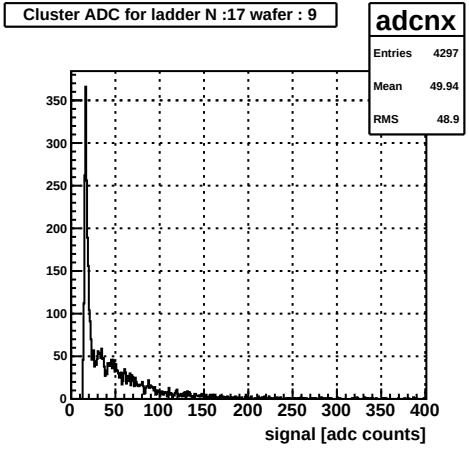

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4128
Mean 48.19
RMS 46.81
signal [adc counts]

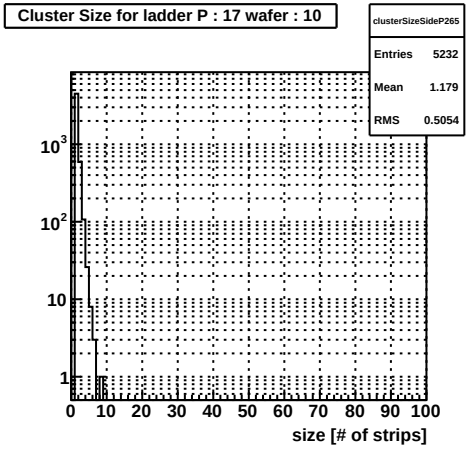

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18143
Mean 1.575
RMS 0.9699
size [# of strips]

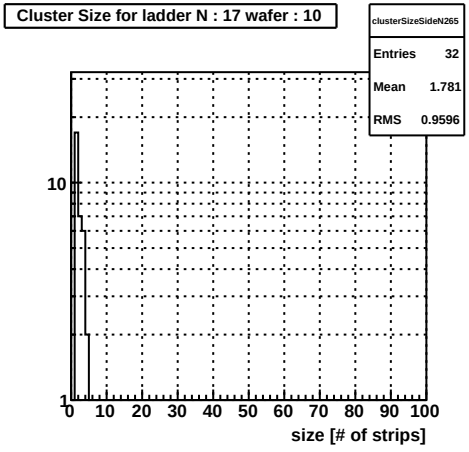

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4297
Mean 1.547
RMS 0.9555
size [# of strips]

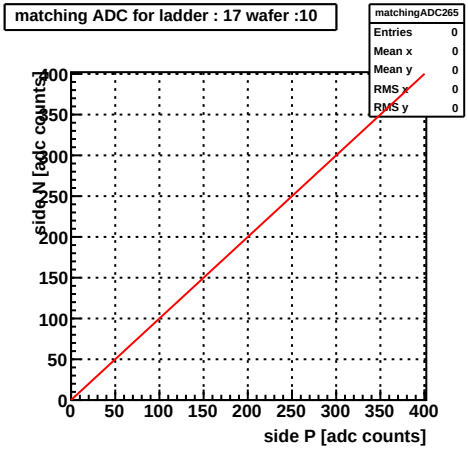

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2052
Mean x 69.71
Mean y 66.8
RMS x 53.11
RMS y 53.32
side N [adc counts]
side P [adc counts]

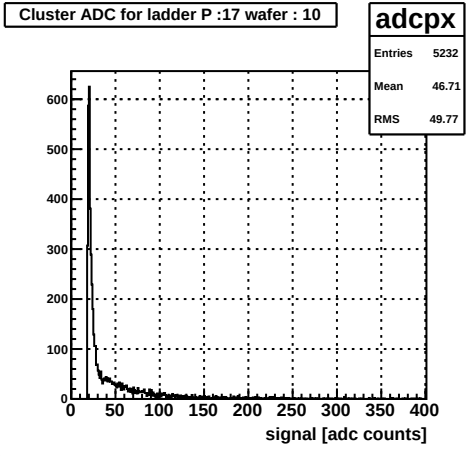

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18143
Mean 58.96
RMS 53.22
signal [adc counts]

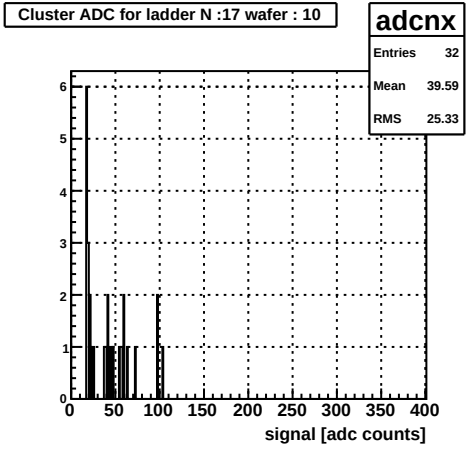

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4297
Mean 49.94
RMS 48.9
signal [adc counts]

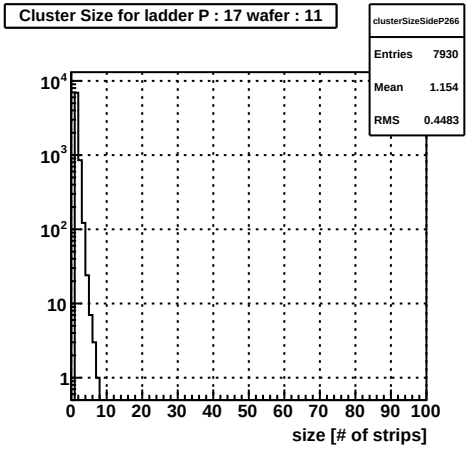

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5232
Mean 1.179
RMS 0.5054
size [# of strips]

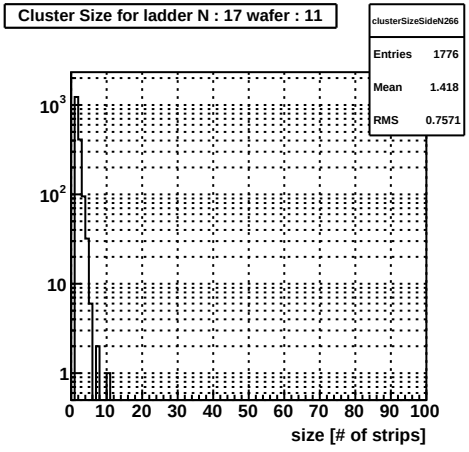

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 32
Mean 1.781
RMS 0.9596
size [# of strips]

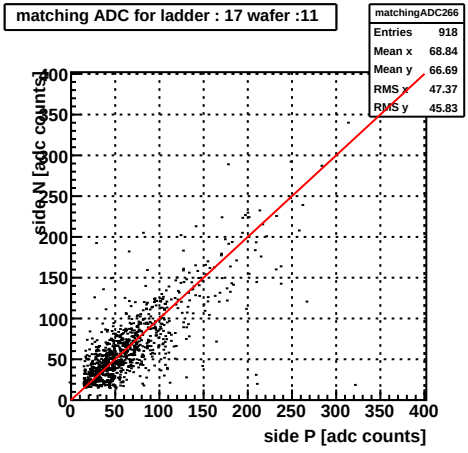

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

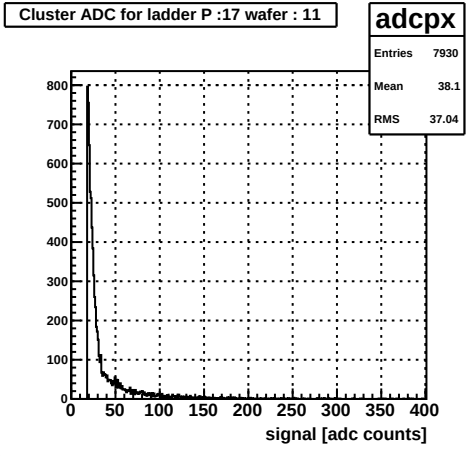

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5232
Mean 46.71
RMS 49.77
signal [adc counts]

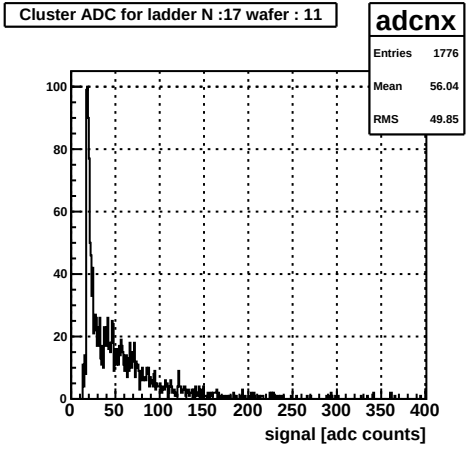

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 32
Mean 39.59
RMS 25.33
signal [adc counts]

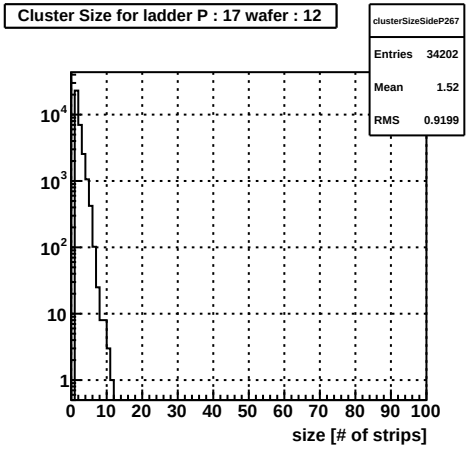

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7930
Mean 1.154
RMS 0.4483
size [# of strips]

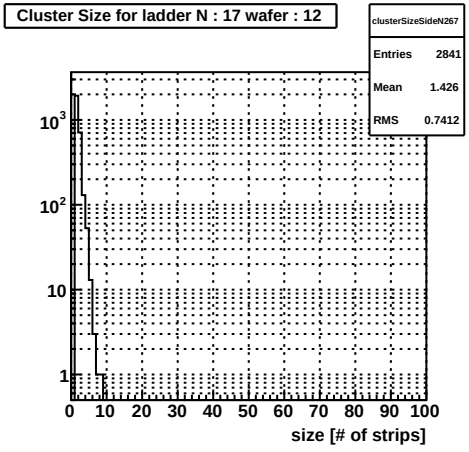

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1776
Mean 1.418
RMS 0.7571
size [# of strips]

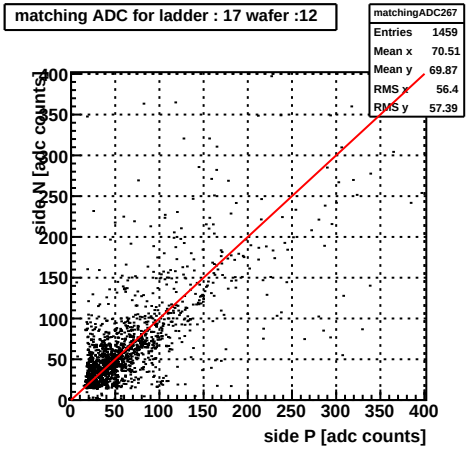

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 918
Mean x 68.84
Mean y 66.69
RMS x 47.37
RMS y 45.83
side N [adc counts]
side P [adc counts]

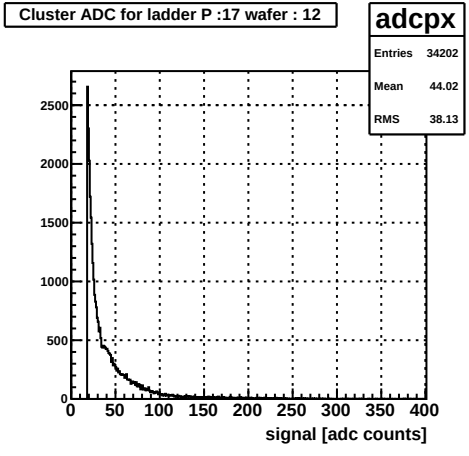

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7930
Mean 38.1
RMS 37.04
signal [adc counts]

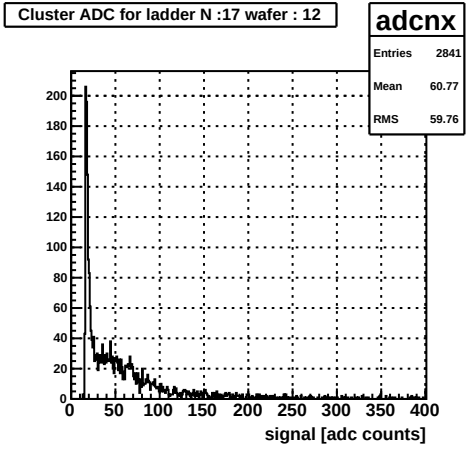

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1776
Mean 56.04
RMS 49.85
signal [adc counts]

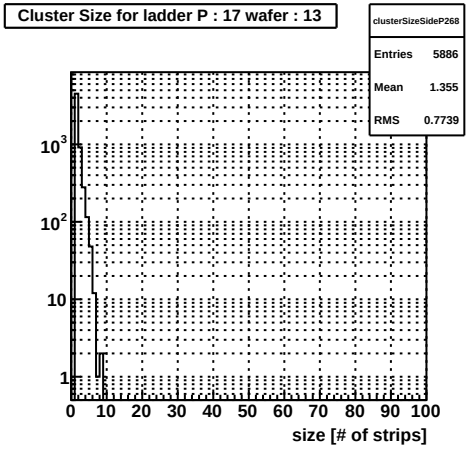

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34202
Mean 1.52
RMS 0.9199
size [# of strips]

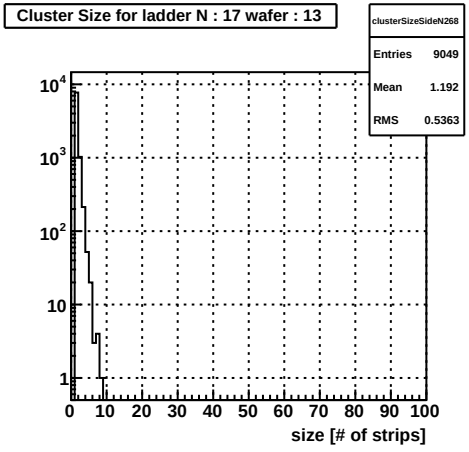

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2841
Mean 1.426
RMS 0.7412
size [# of strips]

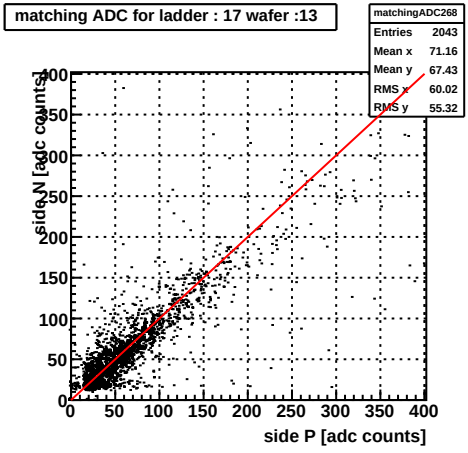

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1459
Mean x 70.51
Mean y 69.87
RMS x 56.4
RMS y 57.39
side N [adc counts]
side P [adc counts]

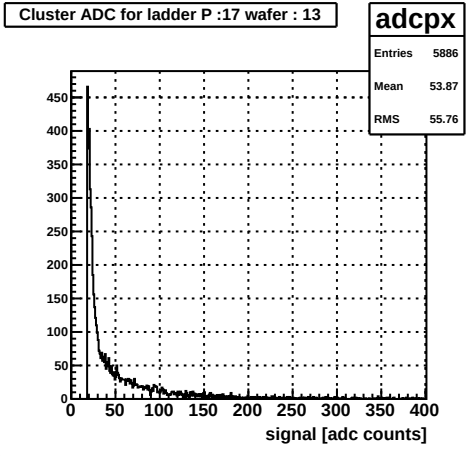

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34202
Mean 44.02
RMS 38.13
signal [adc counts]

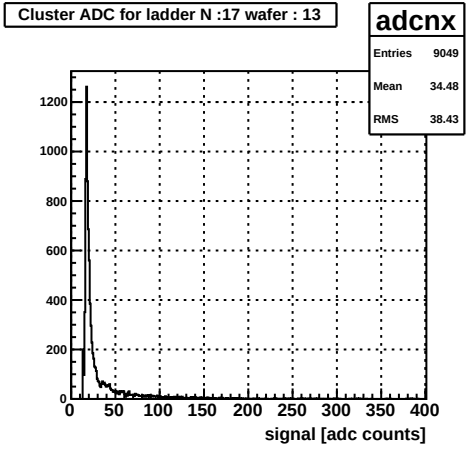

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2841
Mean 60.77
RMS 59.76
signal [adc counts]

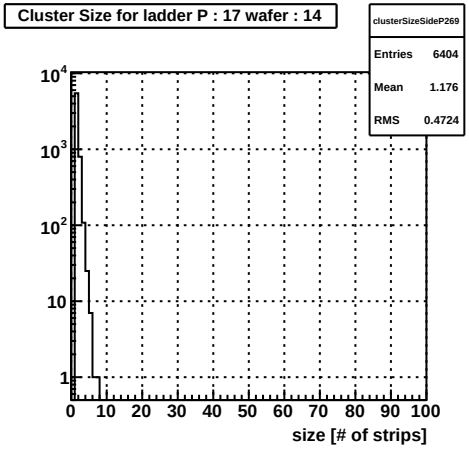

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5886
Mean 1.355
RMS 0.7739
size [# of strips]

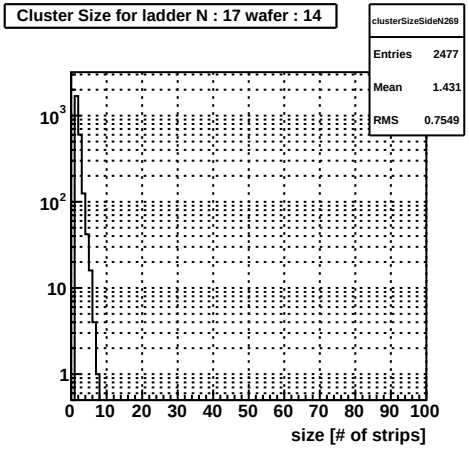

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9049
Mean 1.192
RMS 0.5363
size [# of strips]

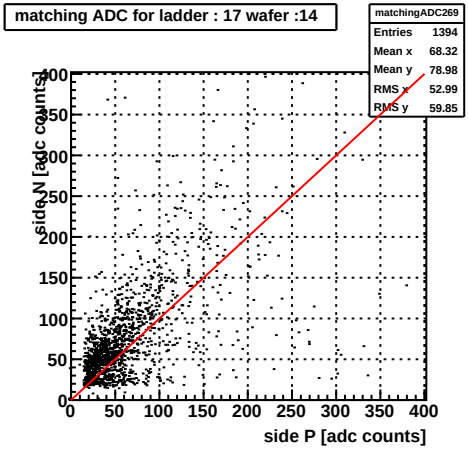

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2043
Mean x 71.16
Mean y 67.43
RMS x 60.02
RMS y 55.32
side N [adc counts]
side P [adc counts]

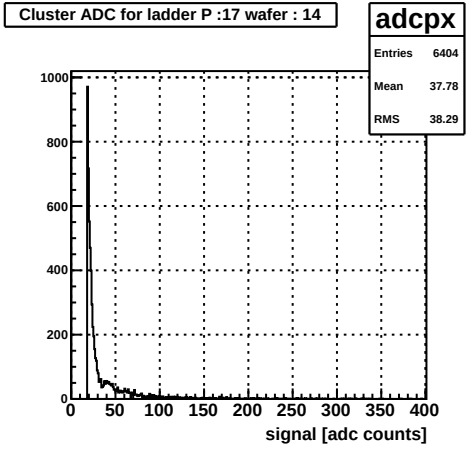

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5886
Mean 53.87
RMS 55.76
signal [adc counts]

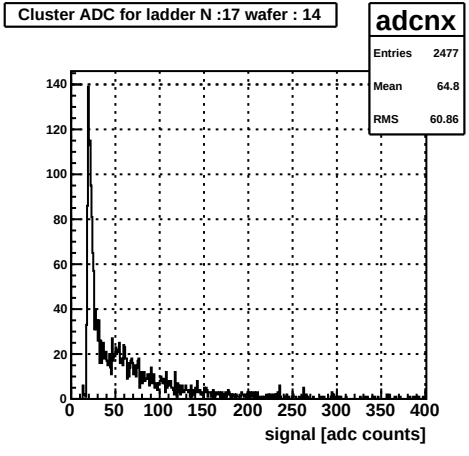

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9049
Mean 34.48
RMS 38.43
signal [adc counts]

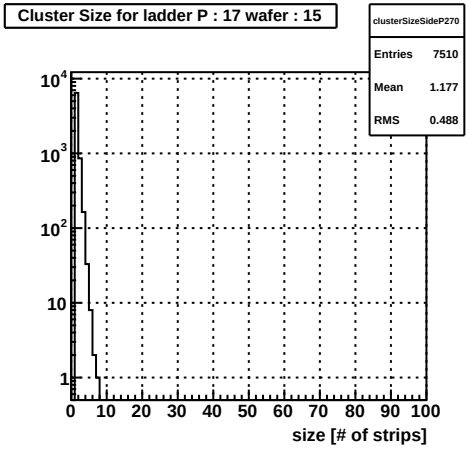

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6404
Mean 1.176
RMS 0.4724
size [# of strips]

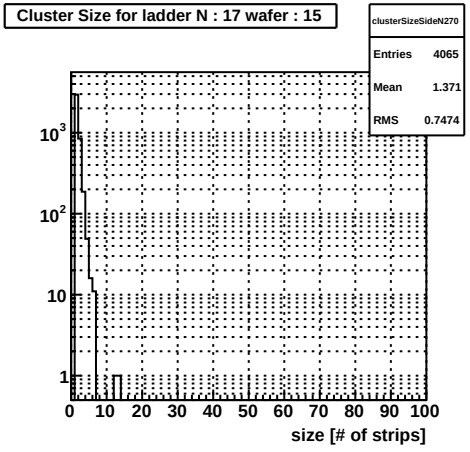

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2477
Mean 1.431
RMS 0.7549
size [# of strips]

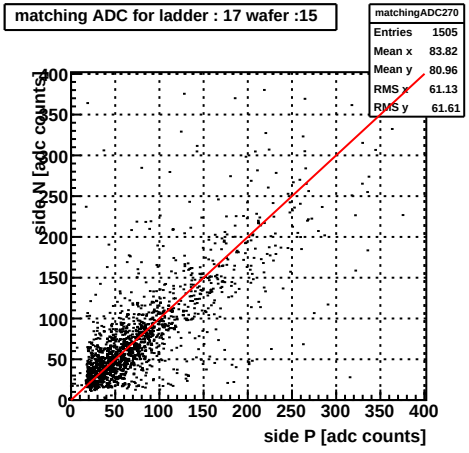

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1394
Mean x 68.32
Mean y 78.98
RMS x 52.99
RMS y 59.85
side N [adc counts]
side P [adc counts]

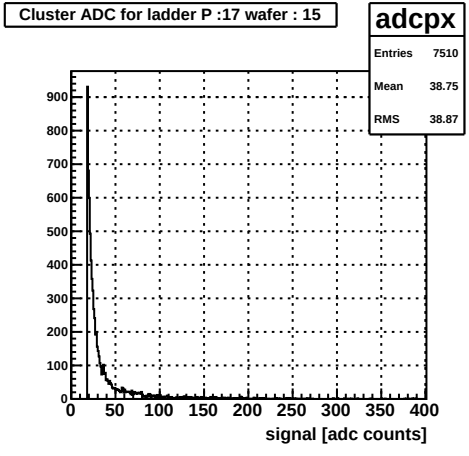

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6404
Mean 37.78
RMS 38.29
signal [adc counts]

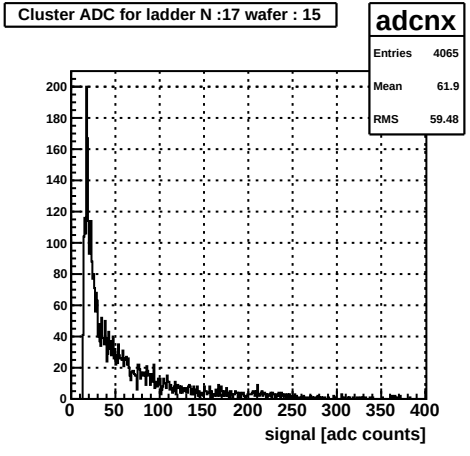

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2477
Mean 64.8
RMS 60.86
signal [adc counts]

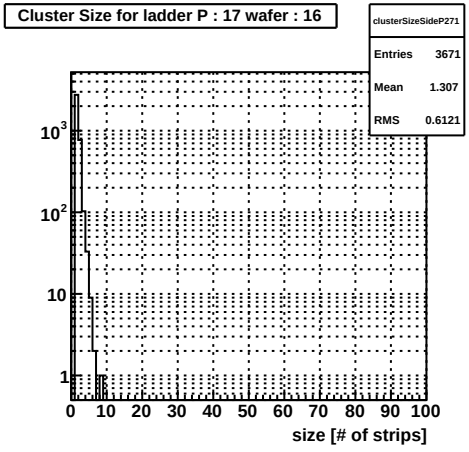

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7510
Mean 1.177
RMS 0.488
size [# of strips]

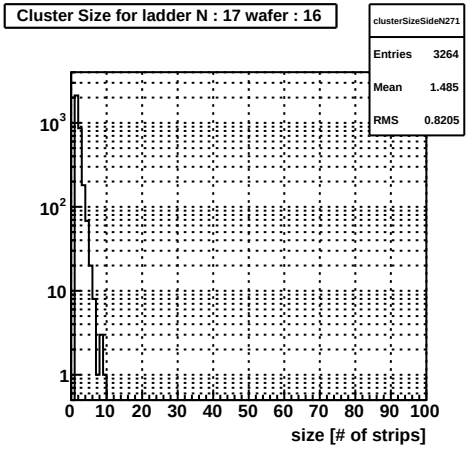

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4065
Mean 1.371
RMS 0.7474
size [# of strips]

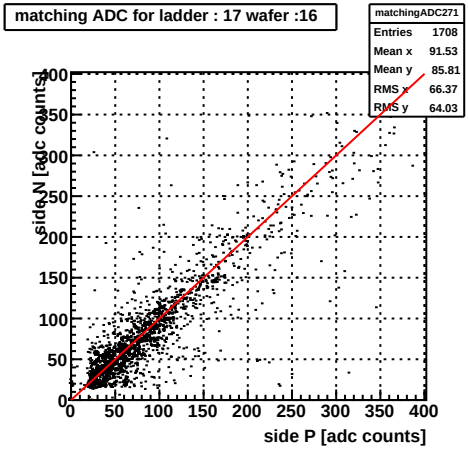

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1505
Mean x 83.82
Mean y 80.96
RMS x 61.13
RMS y 61.61
side N [adc counts]
side P [adc counts]

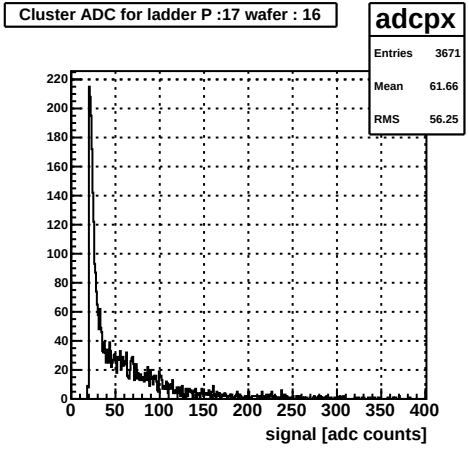

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7510
Mean 38.75
RMS 38.87
signal [adc counts]

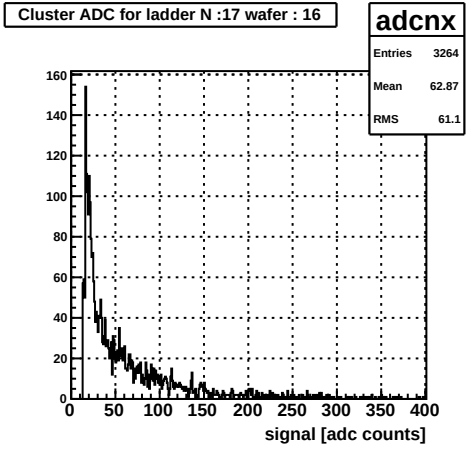

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4065
Mean 61.9
RMS 59.48
signal [adc counts]

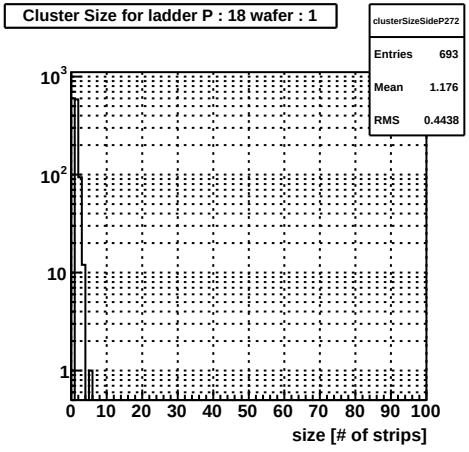

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3671
Mean 1.307
RMS 0.6121
size [# of strips]

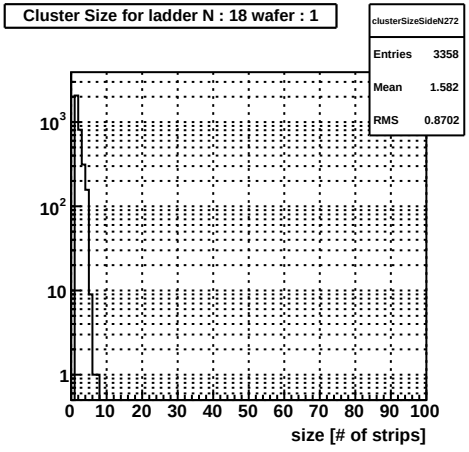

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 3264
Mean 1.485
RMS 0.8205
size [# of strips]

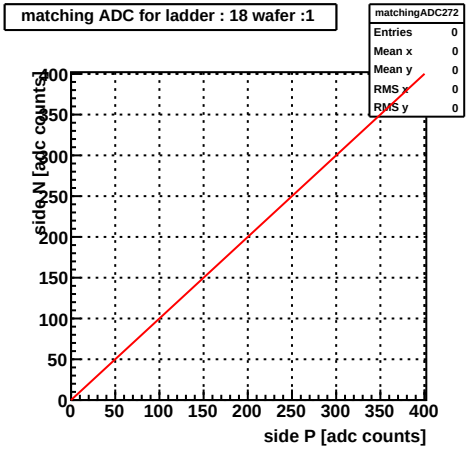

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1708
Mean x 91.53
Mean y 85.81
RMS x 66.37
RMS y 64.03
side N [adc counts]
side P [adc counts]

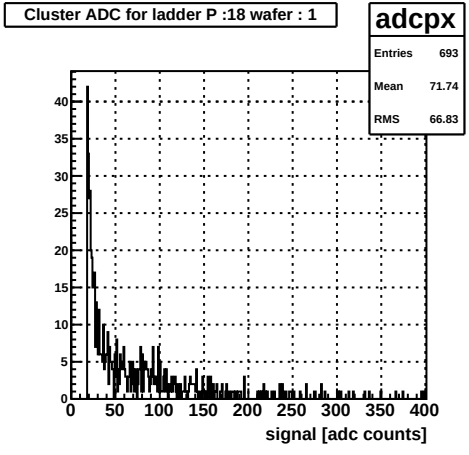

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3671
Mean 61.66
RMS 56.25
signal [adc counts]

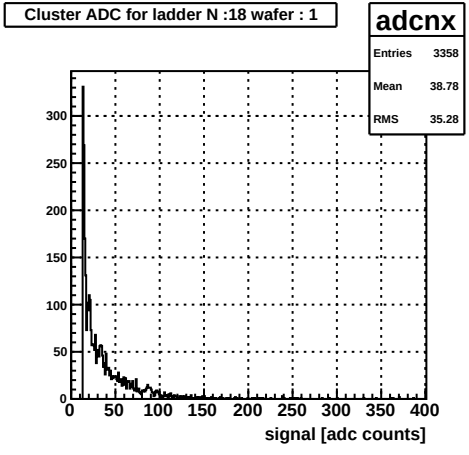

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 3264
Mean 62.87
RMS 61.1
signal [adc counts]

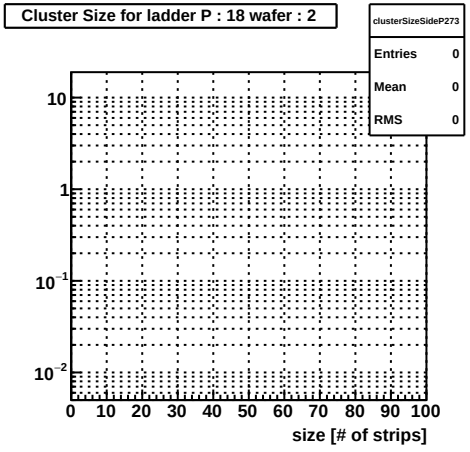

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 693
Mean 1.176
RMS 0.4438
size [# of strips]

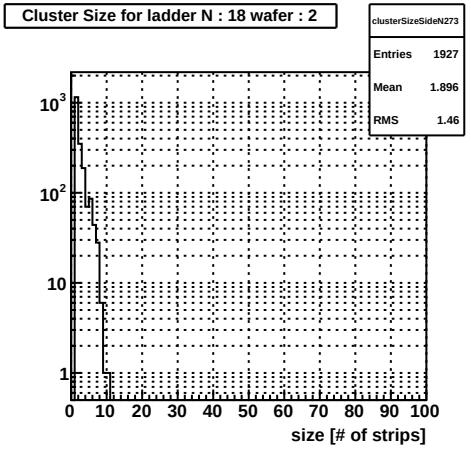

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3358
Mean 1.582
RMS 0.8702
size [# of strips]

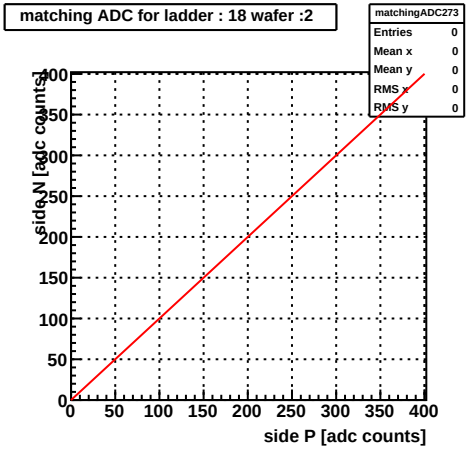

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

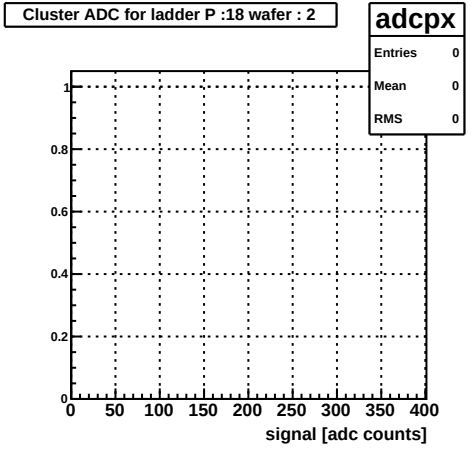

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 693
Mean 71.74
RMS 66.83
signal [adc counts]

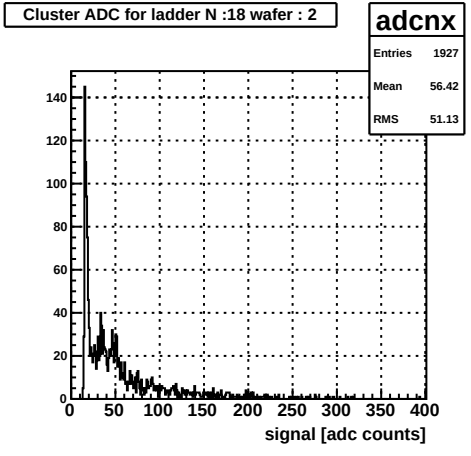

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3358
Mean 38.78
RMS 35.28
signal [adc counts]

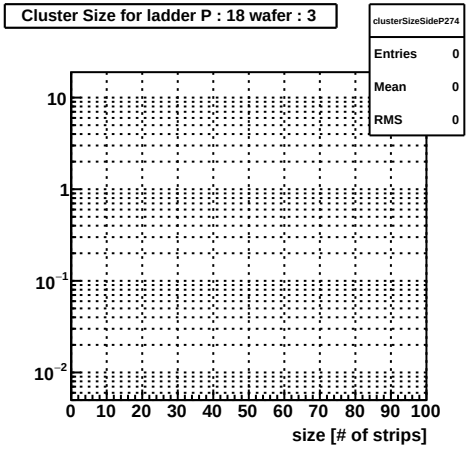

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

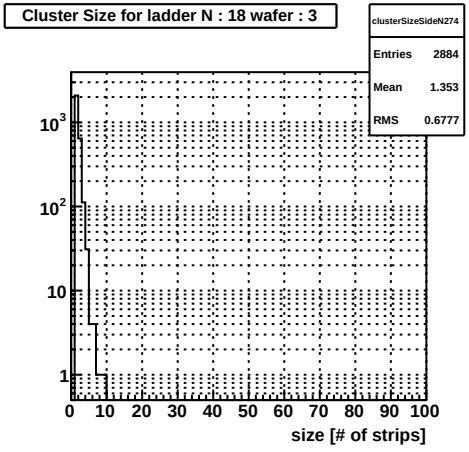

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1927
Mean 1.896
RMS 1.46
size [# of strips]

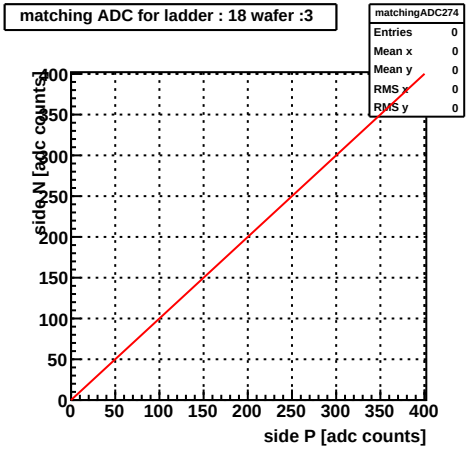

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

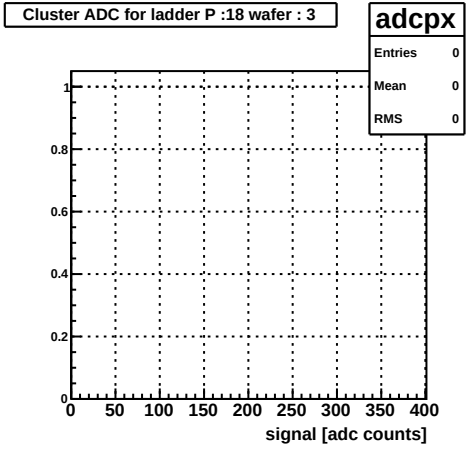

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

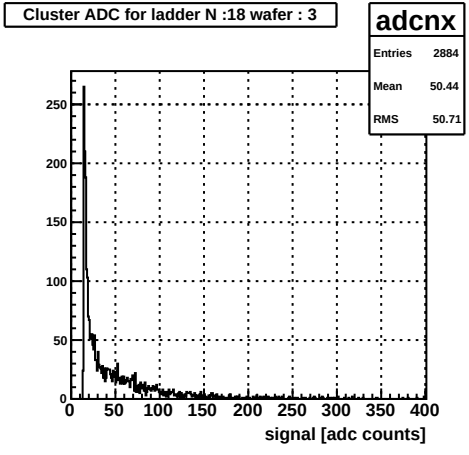

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1927
Mean 56.42
RMS 51.13
signal [adc counts]

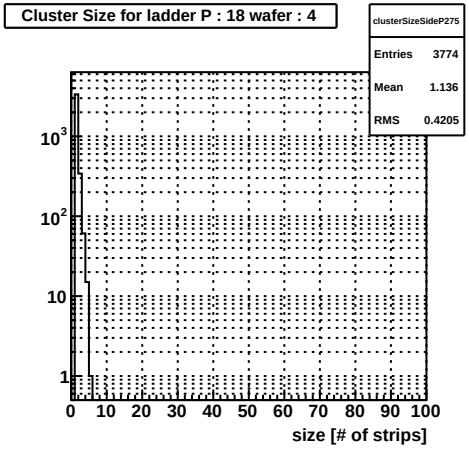

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

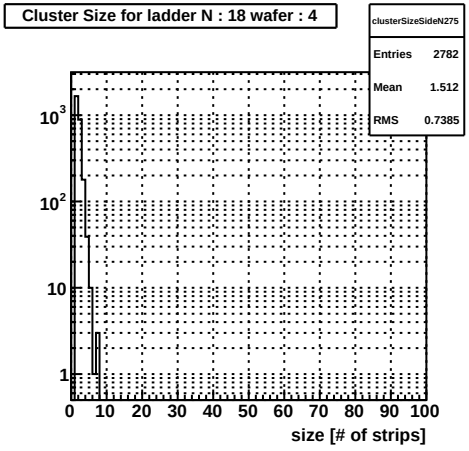

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2884
Mean 1.353
RMS 0.6777
size [# of strips]

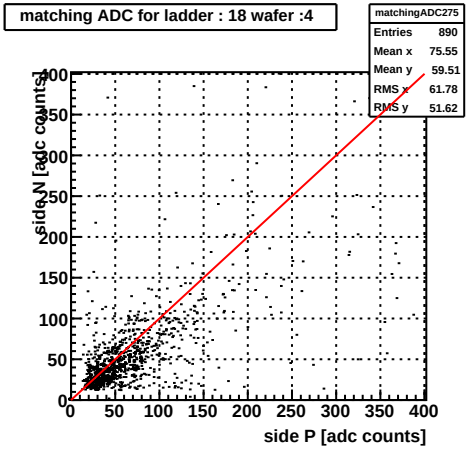

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

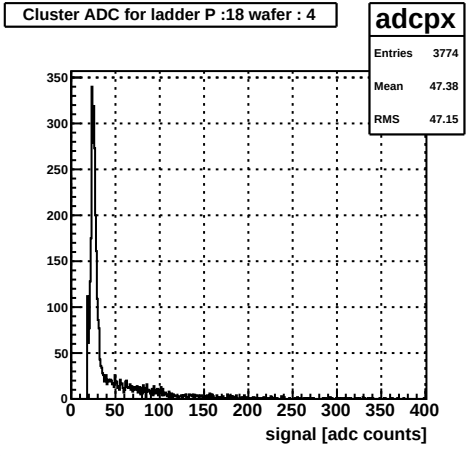

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

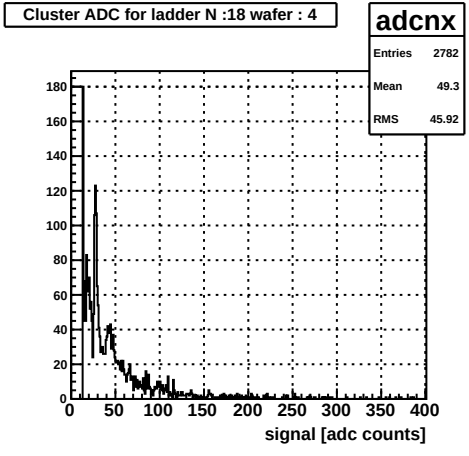

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2884
Mean 50.44
RMS 50.71
signal [adc counts]

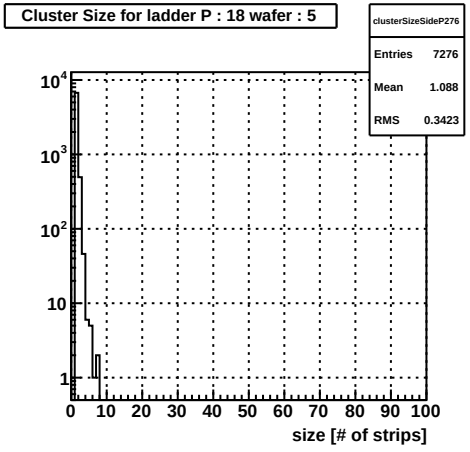

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3774
Mean 1.136
RMS 0.4205
size [# of strips]

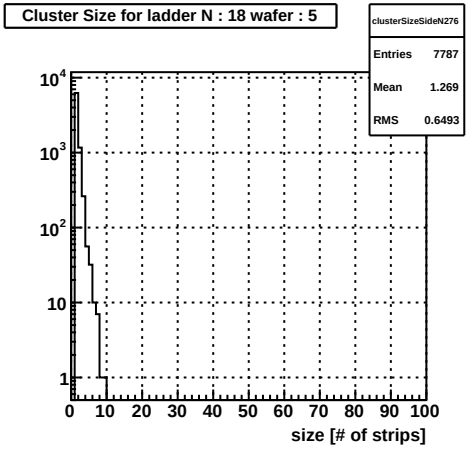

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2782
Mean 1.512
RMS 0.7385
size [# of strips]

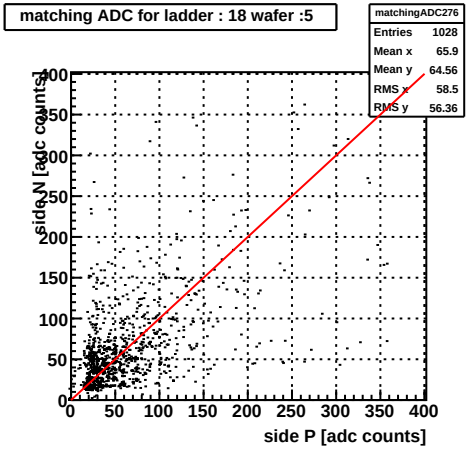

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 890
Mean x 75.55
Mean y 59.51
RMS x 61.78
RMS y 51.62
side N [adc counts]
side P [adc counts]

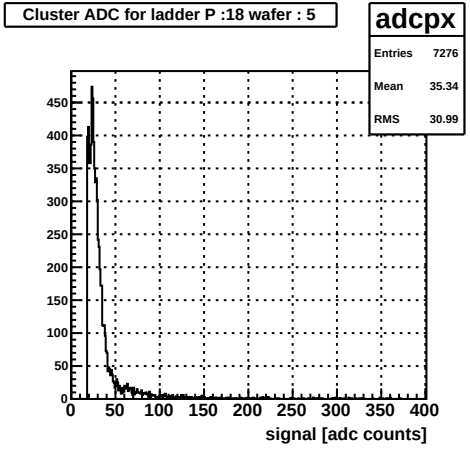

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3774
Mean 47.38
RMS 47.15
signal [adc counts]

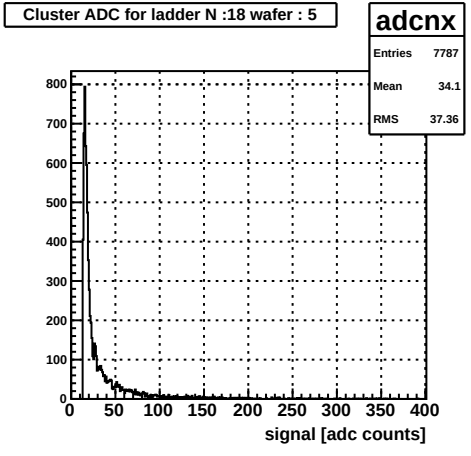

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2782
Mean 49.3
RMS 45.92
signal [adc counts]

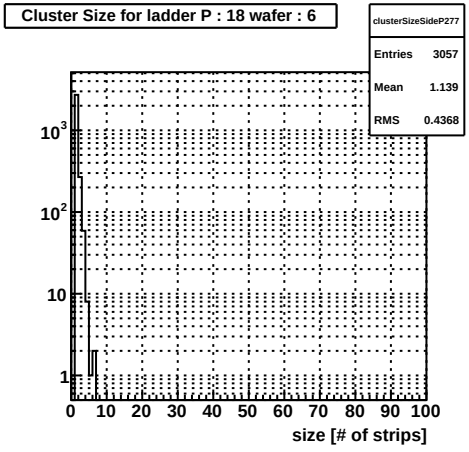

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7276
Mean 1.088
RMS 0.3423
size [# of strips]

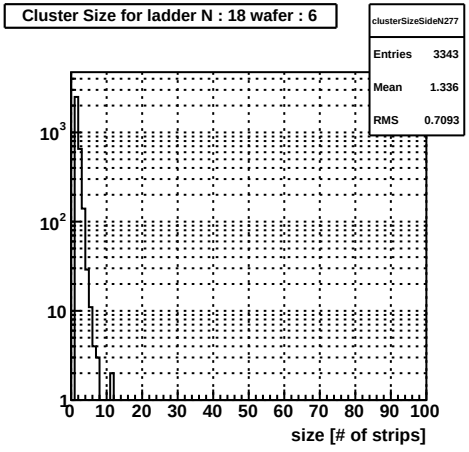

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7787
Mean 1.269
RMS 0.6493
size [# of strips]

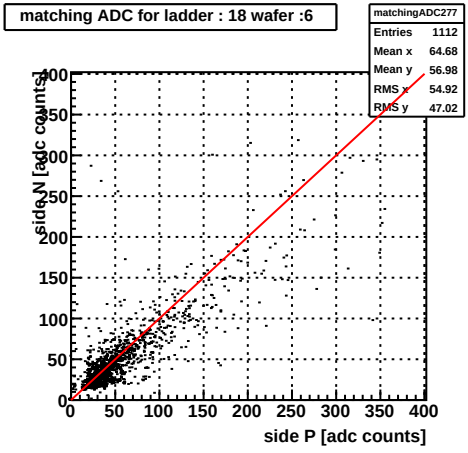

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1028
Mean x 65.9
Mean y 64.56
RMS x 58.5
RMS y 56.36
side N [adc counts]
side P [adc counts]

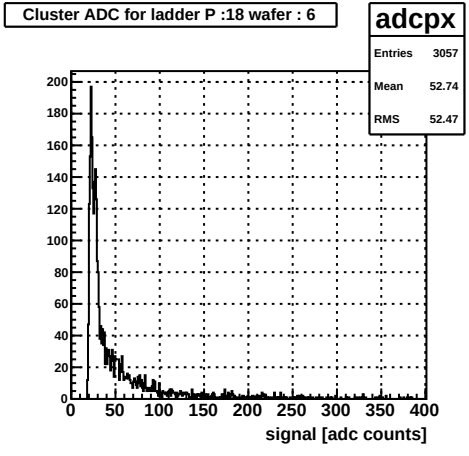

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7276
Mean 35.34
RMS 30.99
signal [adc counts]

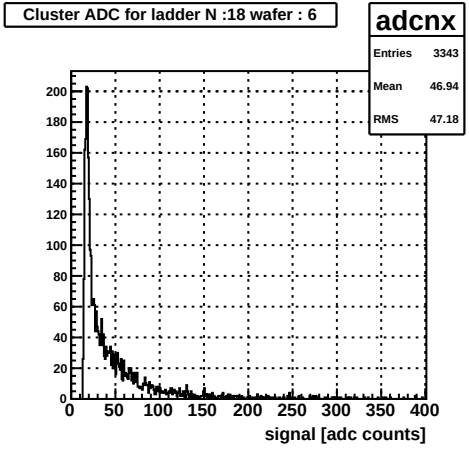

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7787
Mean 34.1
RMS 37.36
signal [adc counts]

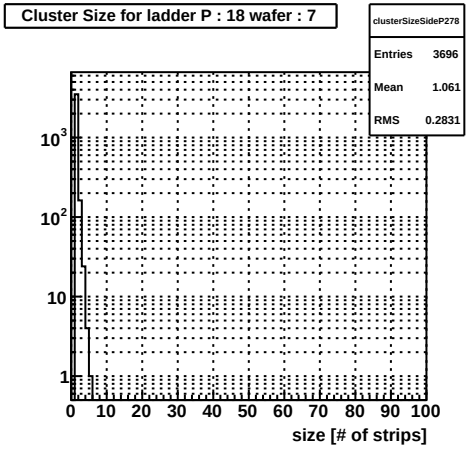

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3057
Mean 1.139
RMS 0.4368
size [# of strips]

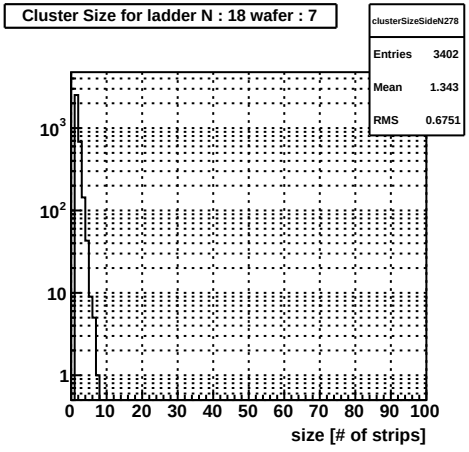

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3343
Mean 1.336
RMS 0.7093
size [# of strips]

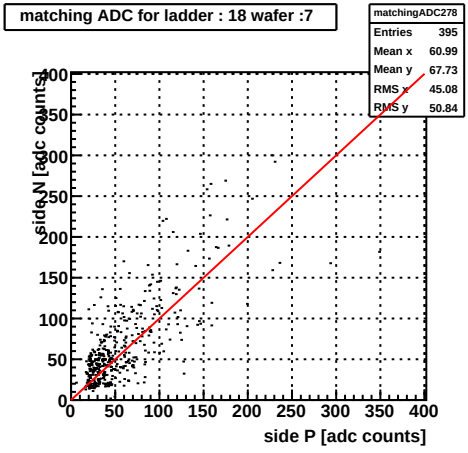

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1112
Mean x 64.68
Mean y 56.98
RMS x 54.92
RMS y 47.02
side N [adc counts]
side P [adc counts]

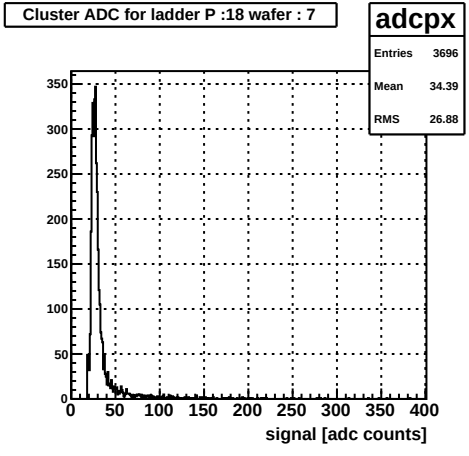

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3057
Mean 52.74
RMS 52.47
signal [adc counts]

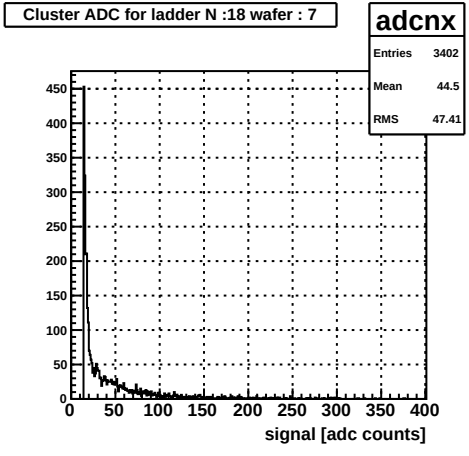

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3343
Mean 46.94
RMS 47.18
signal [adc counts]

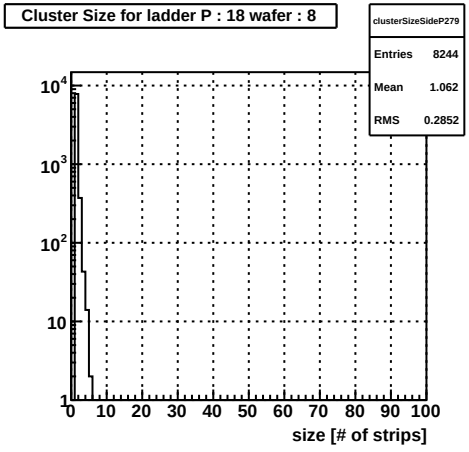

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3696
Mean 1.061
RMS 0.2831
size [# of strips]

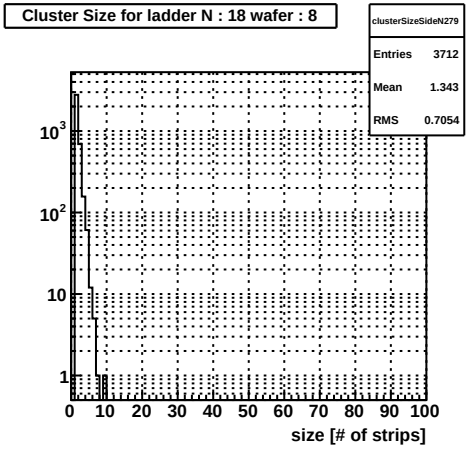

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3402
Mean 1.343
RMS 0.6751
size [# of strips]

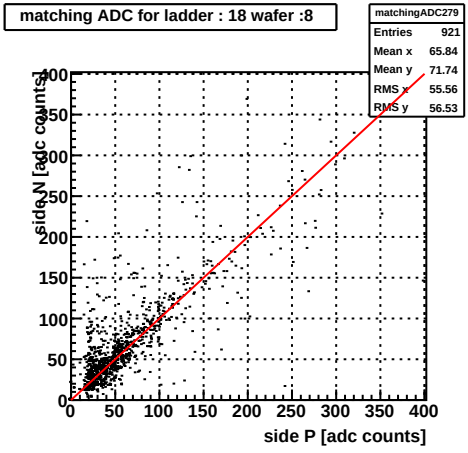

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 395
Mean x 60.99
Mean y 67.73
RMS x 45.08
RMS y 50.84
side N [adc counts]
side P [adc counts]

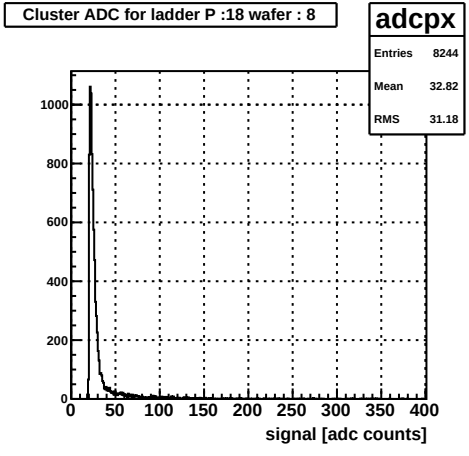

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3696
Mean 34.39
RMS 26.88
signal [adc counts]

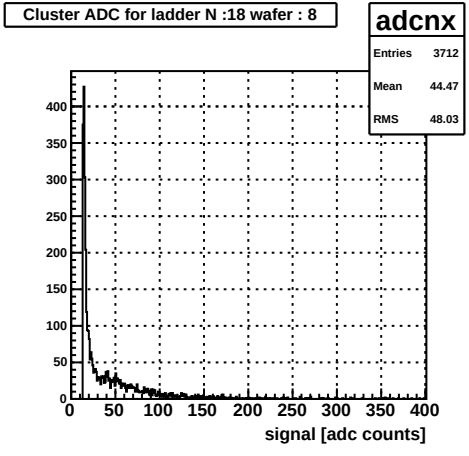

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3402
Mean 44.5
RMS 47.41
signal [adc counts]

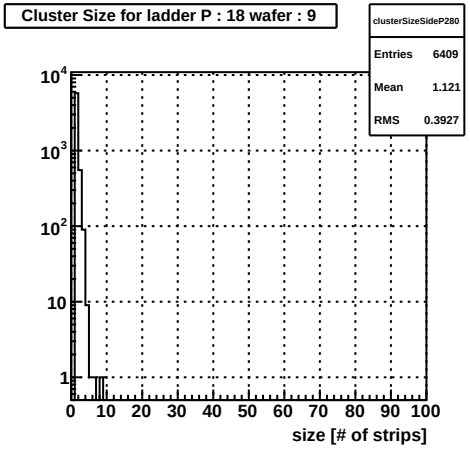

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8244
Mean 1.062
RMS 0.2852
size [# of strips]

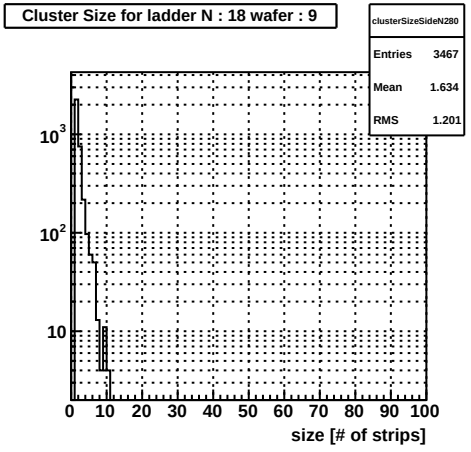

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3712
Mean 1.343
RMS 0.7054
size [# of strips]

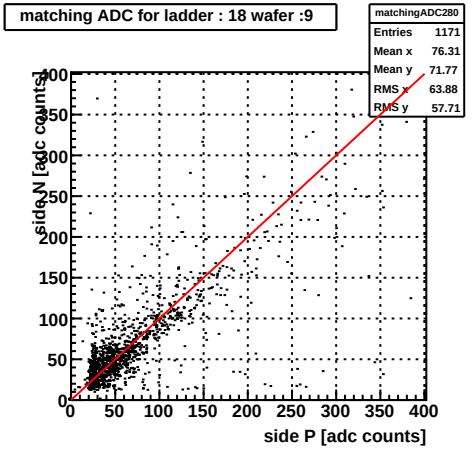

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 921
Mean x 65.84
Mean y 71.74
RMS x 55.56
RMS y 56.53
side N [adc counts]
side P [adc counts]

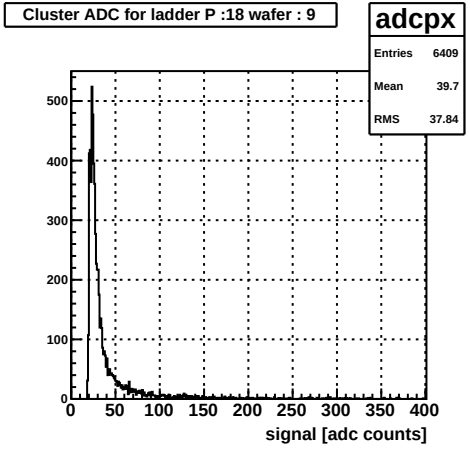

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8244
Mean 32.82
RMS 31.18
signal [adc counts]

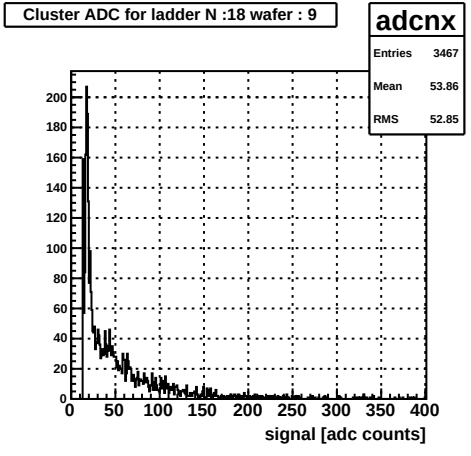

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3712
Mean 44.47
RMS 48.03
signal [adc counts]

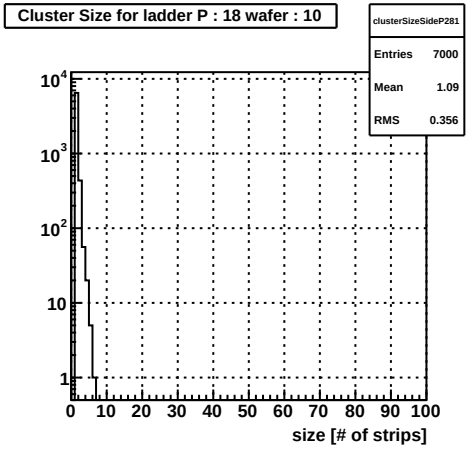

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6409
Mean 1.121
RMS 0.3927
size [# of strips]

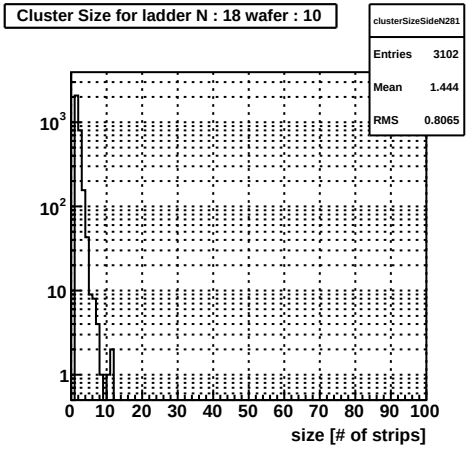

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3467
Mean 1.634
RMS 1.201
size [# of strips]

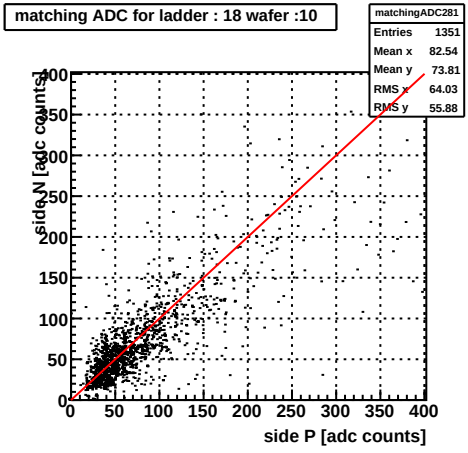

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1171
Mean x 76.31
Mean y 71.77
RMS x 63.88
RMS y 57.71
side N [adc counts]
side P [adc counts]

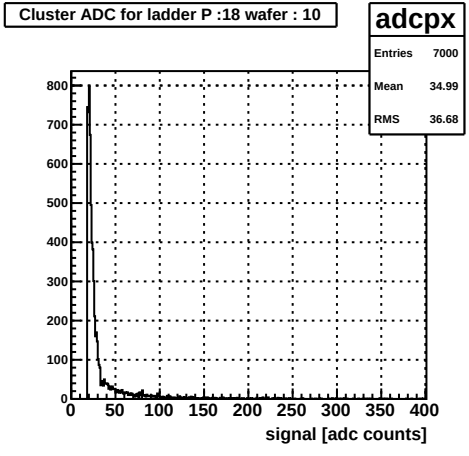

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6409
Mean 39.7
RMS 37.84
signal [adc counts]

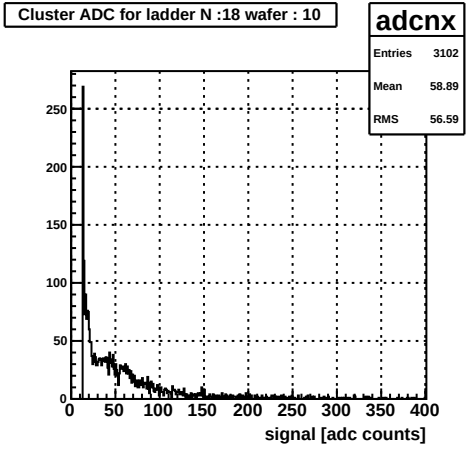

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3467
Mean 53.86
RMS 52.85
signal [adc counts]

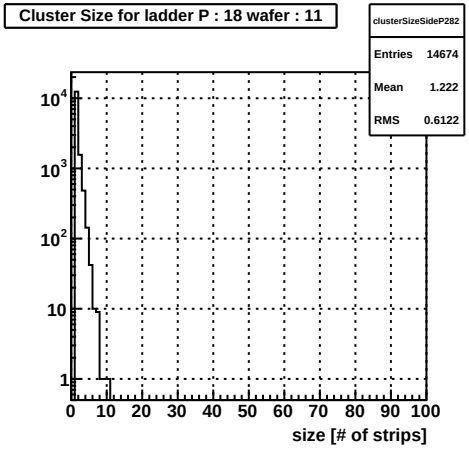

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7000
Mean 1.09
RMS 0.356
size [# of strips]

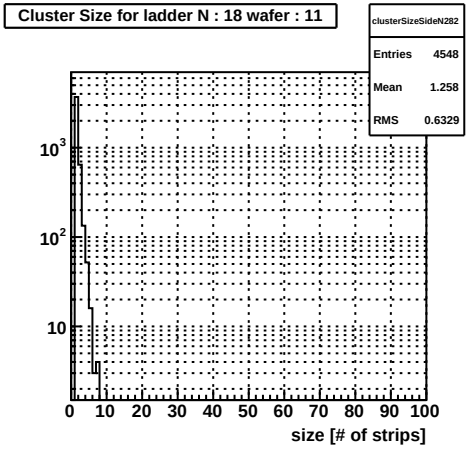

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3102
Mean 1.444
RMS 0.8065
size [# of strips]

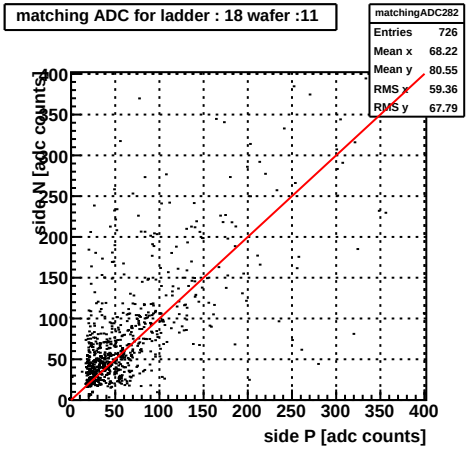

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1351
Mean x 82.54
Mean y 73.81
RMS x 64.03
RMS y 55.88
side N [adc counts]
side P [adc counts]

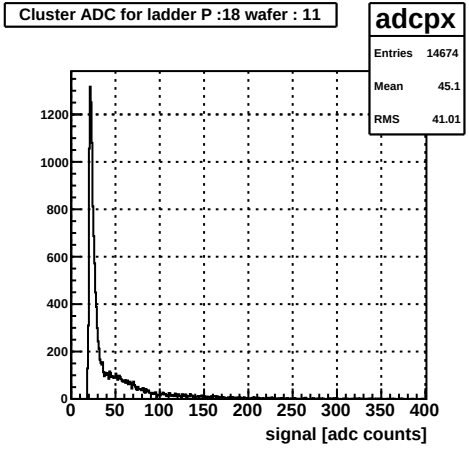

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7000
Mean 34.99
RMS 36.68
signal [adc counts]

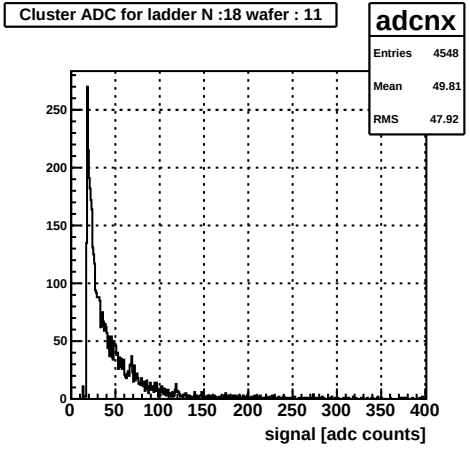

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3102
Mean 58.89
RMS 56.59
signal [adc counts]

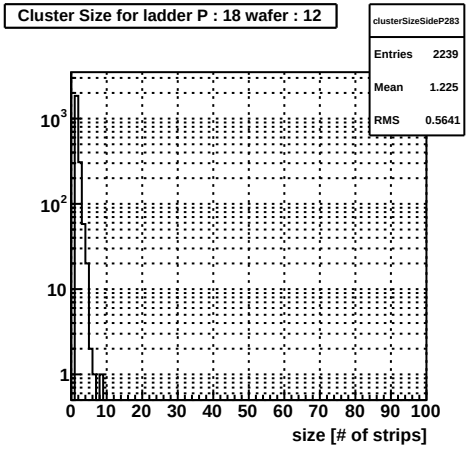

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14674
Mean 1.222
RMS 0.6122
size [# of strips]

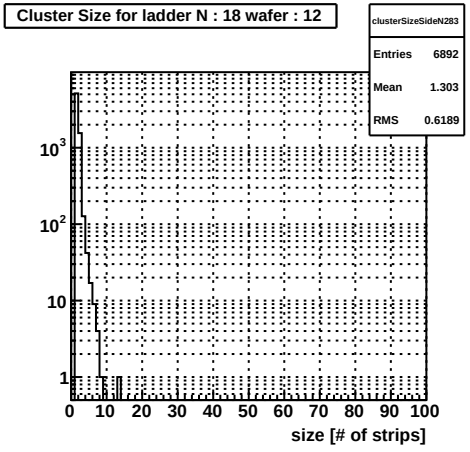

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4548
Mean 1.258
RMS 0.6329
size [# of strips]

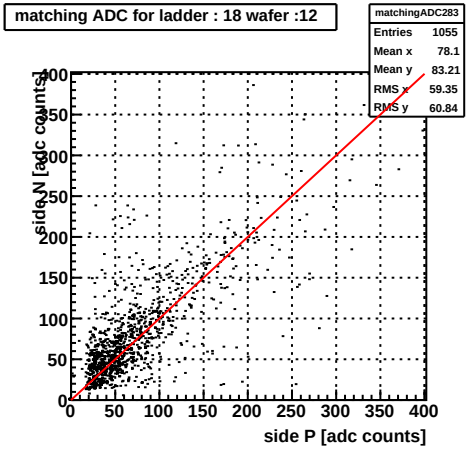

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 726
Mean x 68.22
Mean y 80.55
RMS x 59.36
RMS y 67.79
side N [adc counts]
side P [adc counts]

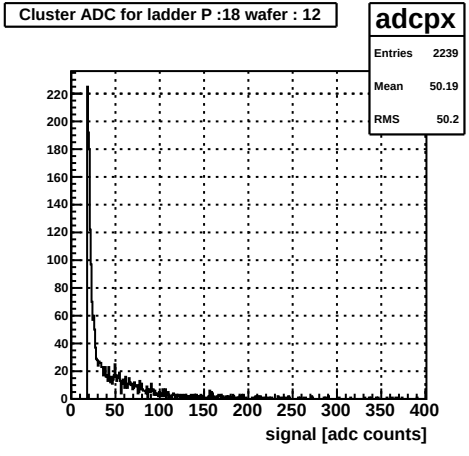

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14674
Mean 45.1
RMS 41.01
signal [adc counts]

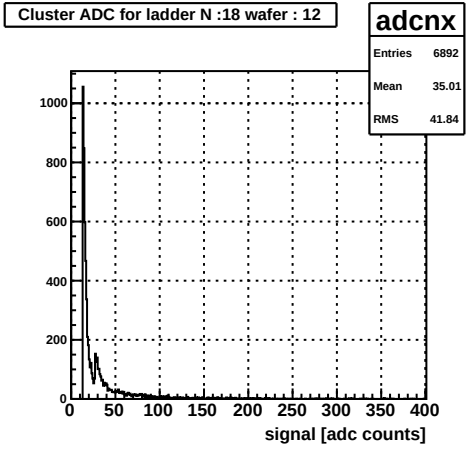

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4548
Mean 49.81
RMS 47.92
signal [adc counts]

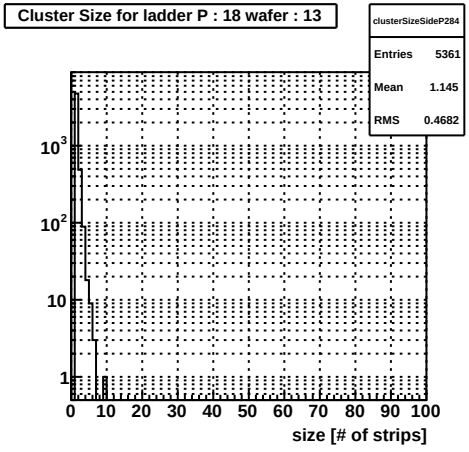

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2239
Mean 1.225
RMS 0.5641
size [# of strips]

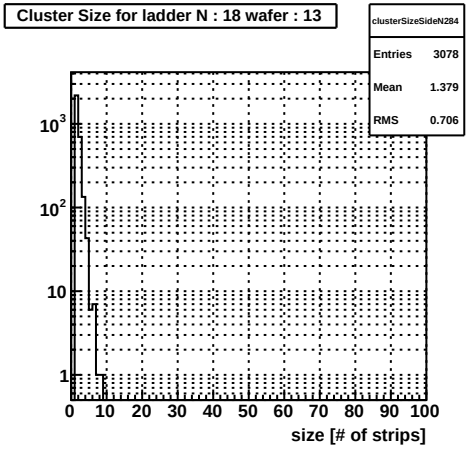

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6892
Mean 1.303
RMS 0.6189
size [# of strips]

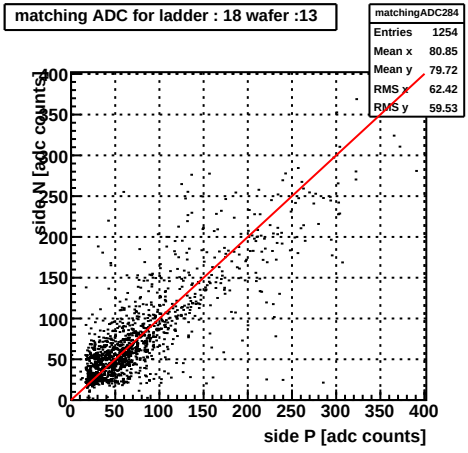

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1055
Mean x 78.1
Mean y 83.21
RMS x 59.35
RMS y 60.84
side N [adc counts]
side P [adc counts]

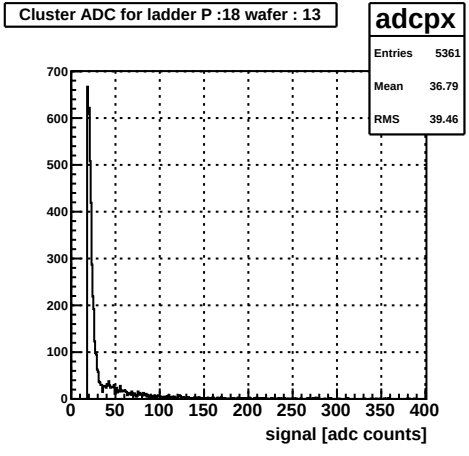

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2239
Mean 50.19
RMS 50.2
signal [adc counts]

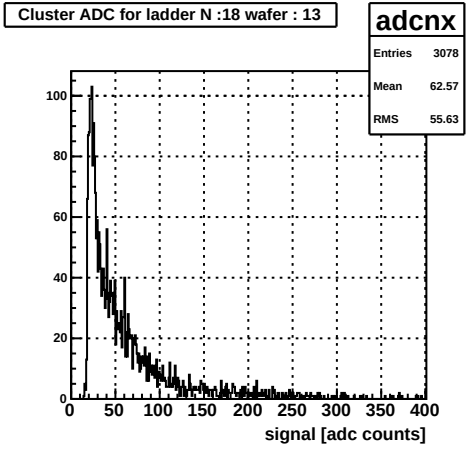

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6892
Mean 35.01
RMS 41.84
signal [adc counts]

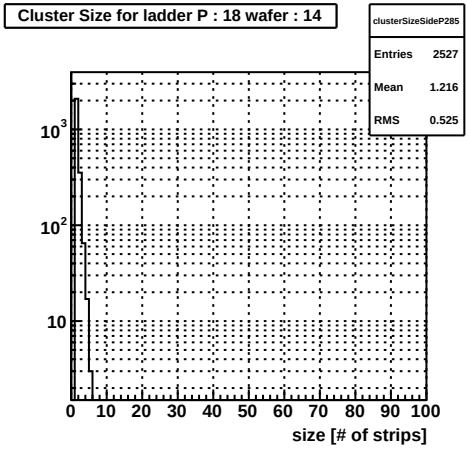

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5361
Mean 1.145
RMS 0.4682
size [# of strips]

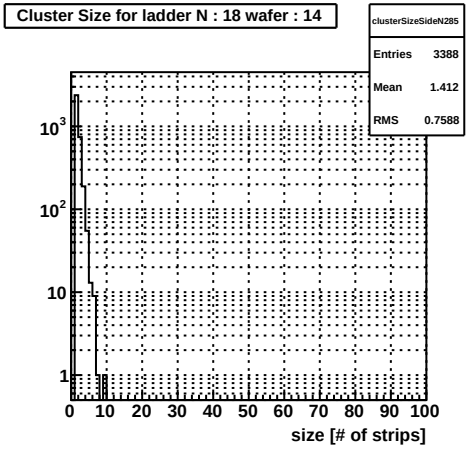

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3078
Mean 1.379
RMS 0.706
size [# of strips]

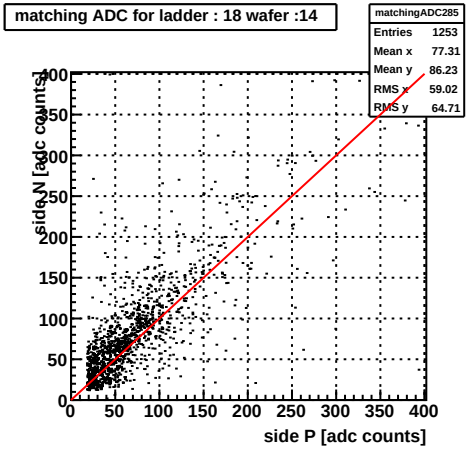

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1254
Mean x 80.85
Mean y 79.72
RMS x 62.42
RMS y 59.53
side N [adc counts]
side P [adc counts]

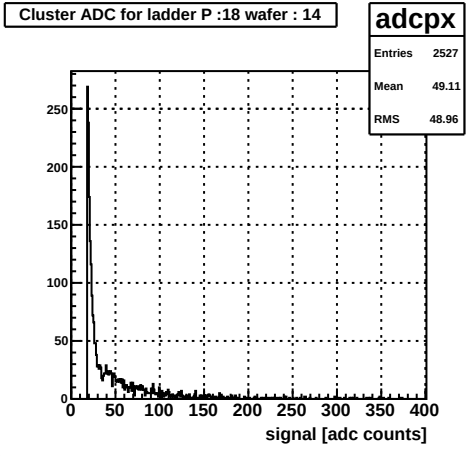

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5361
Mean 36.79
RMS 39.46
signal [adc counts]

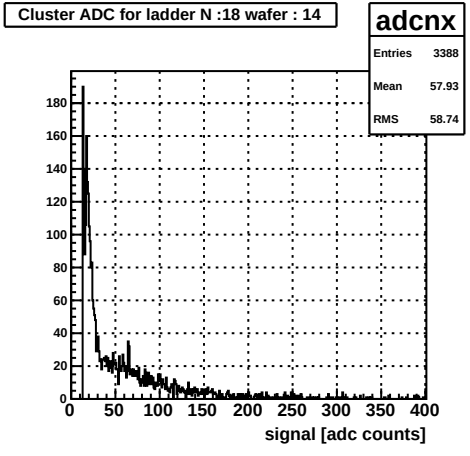

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3078
Mean 62.57
RMS 55.63
signal [adc counts]

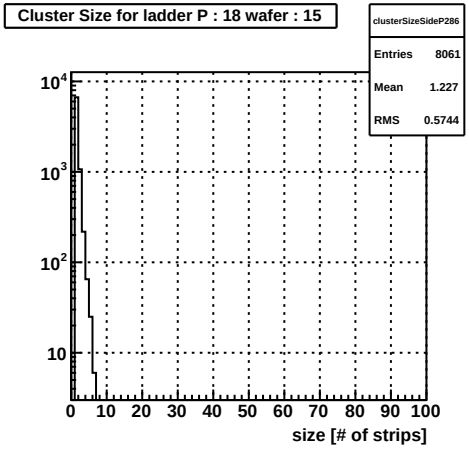

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2527
Mean 1.216
RMS 0.525
size [# of strips]

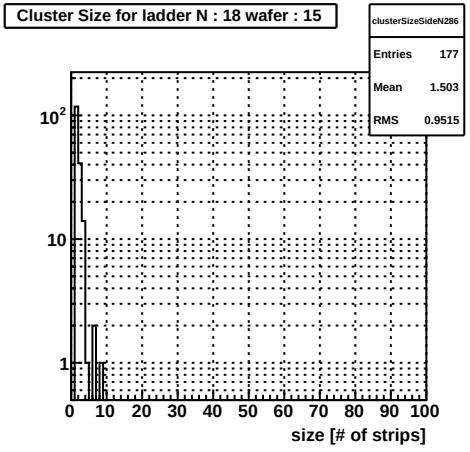

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3388
Mean 1.412
RMS 0.7588
size [# of strips]

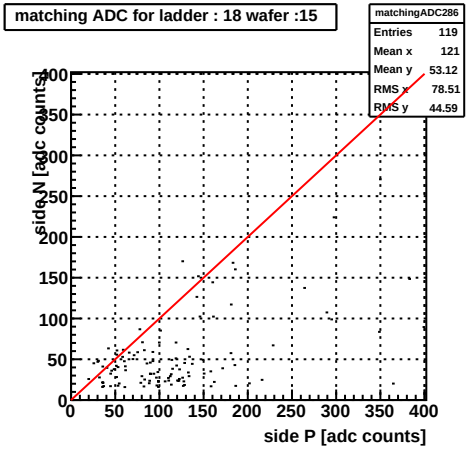

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1253
Mean x 77.31
Mean y 86.23
RMS x 59.02
RMS y 64.71
side N [adc counts]
side P [adc counts]

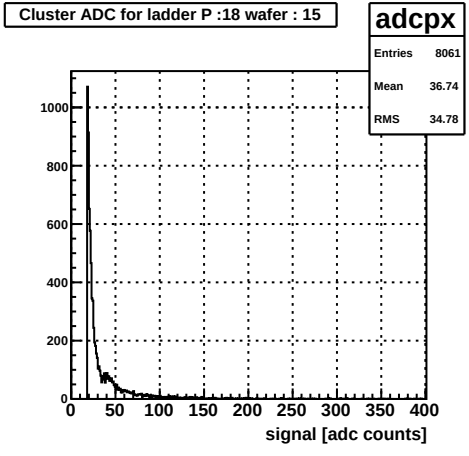

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2527
Mean 49.11
RMS 48.96
signal [adc counts]

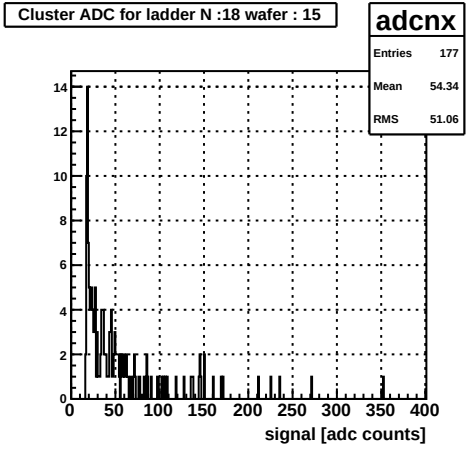

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3388
Mean 57.93
RMS 58.74
signal [adc counts]

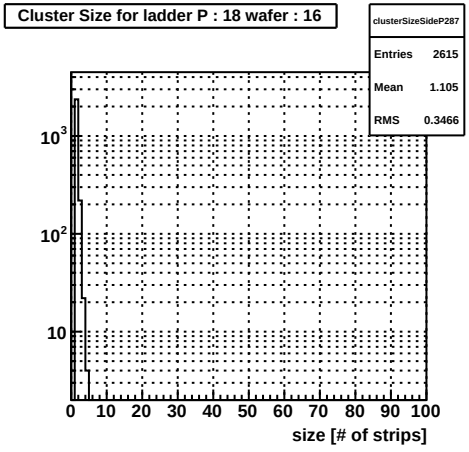

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8061
Mean 1.227
RMS 0.5744
size [# of strips]

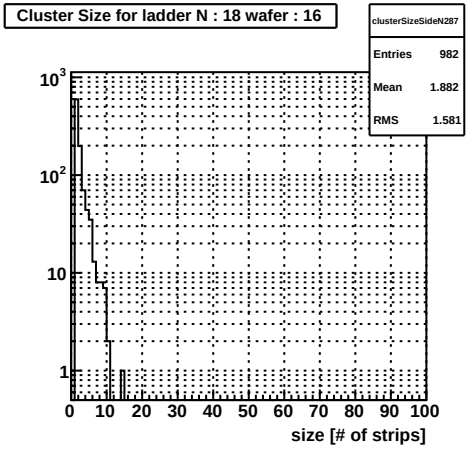

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 177
Mean 1.503
RMS 0.9515
size [# of strips]

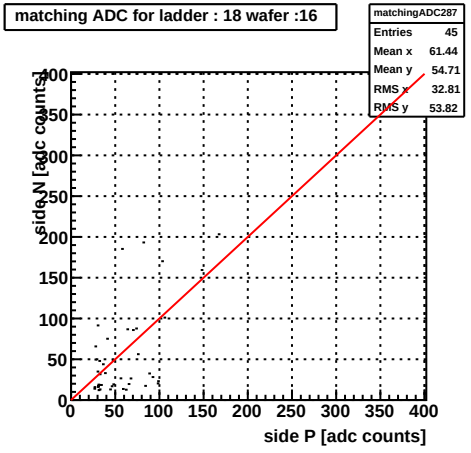

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 119
Mean x 121
Mean y 53.12
RMS x 78.51
RMS y 44.59
side N [adc counts]
side P [adc counts]

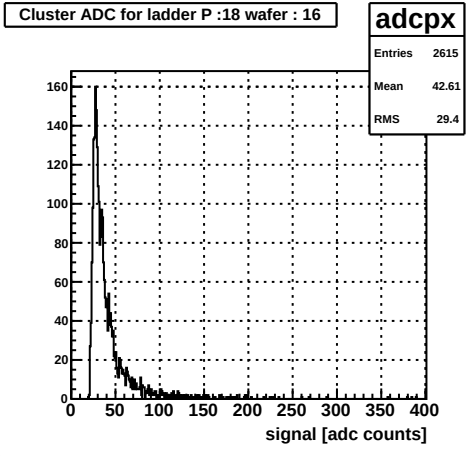

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8061
Mean 36.74
RMS 34.78
signal [adc counts]

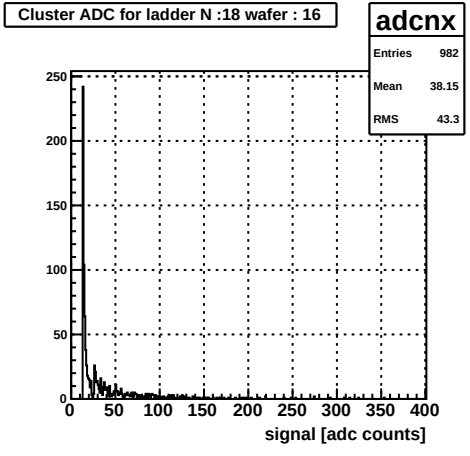

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 177
Mean 54.34
RMS 51.06
signal [adc counts]

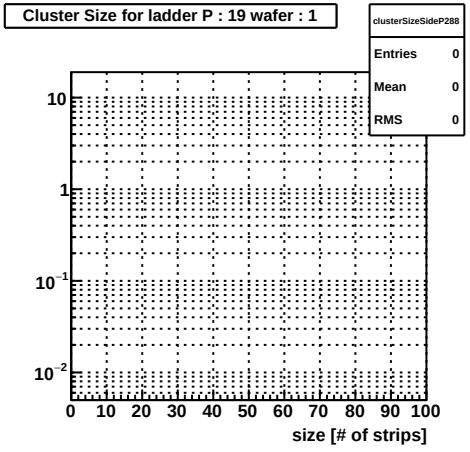

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2615
Mean 1.105
RMS 0.3466
size [# of strips]

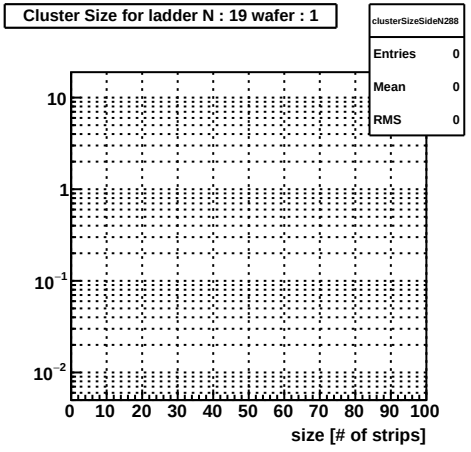

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 982
Mean 1.882
RMS 1.581
size [# of strips]

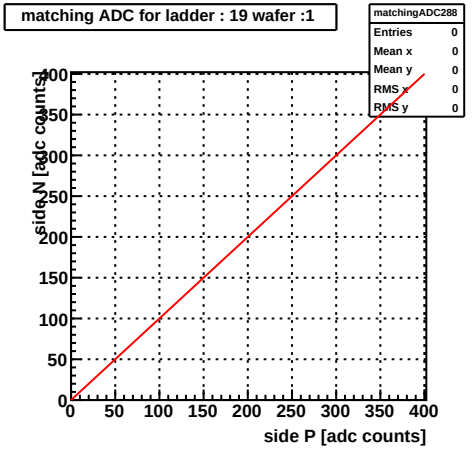

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 45
Mean x 61.44
Mean y 54.71
RMS x 32.81
RMS y 53.82
side N [adc counts]
side P [adc counts]

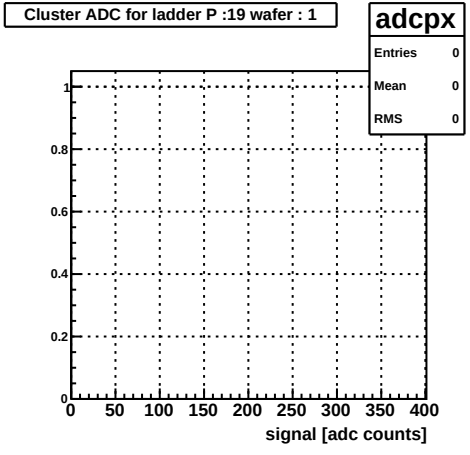

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2615
Mean 42.61
RMS 29.4
signal [adc counts]

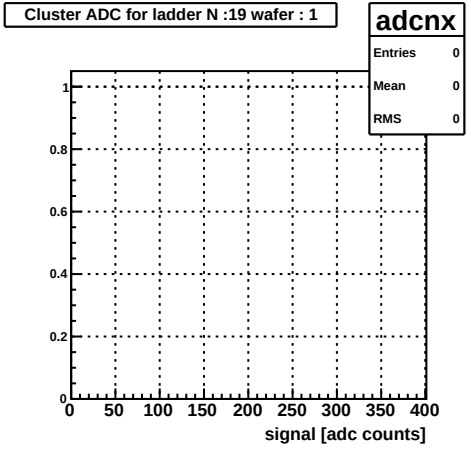

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 982
Mean 38.15
RMS 43.3
signal [adc counts]

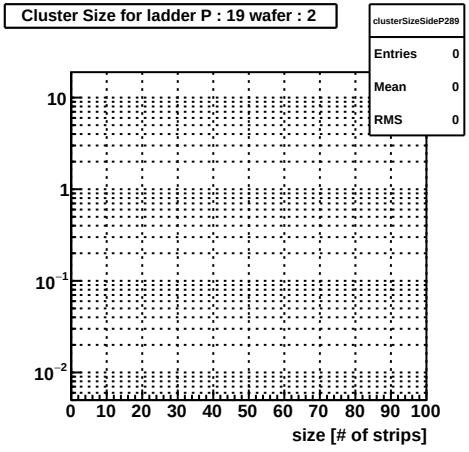

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

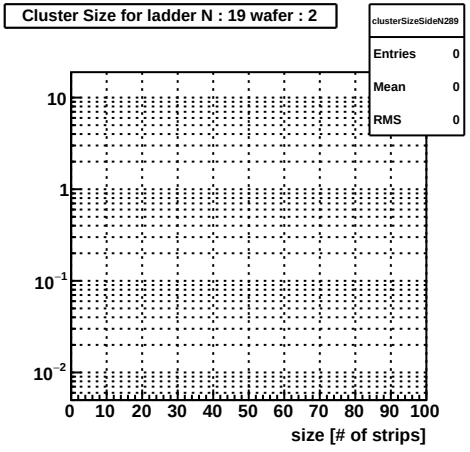

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

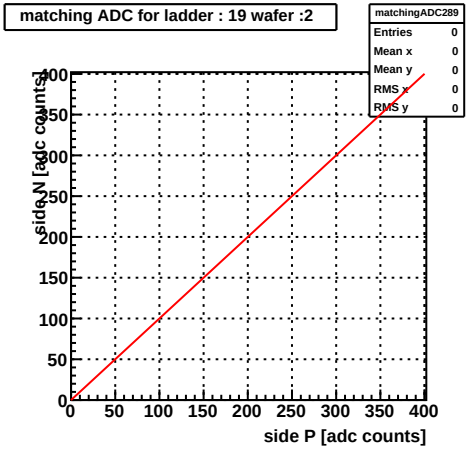

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

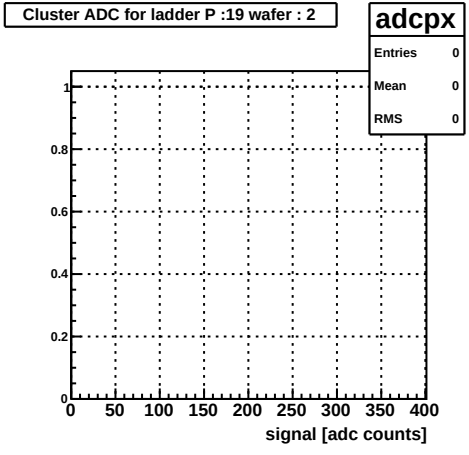

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

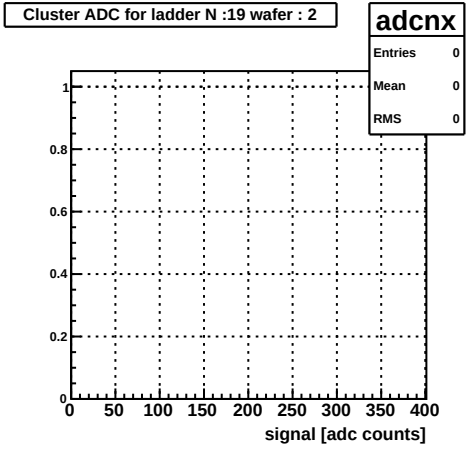

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

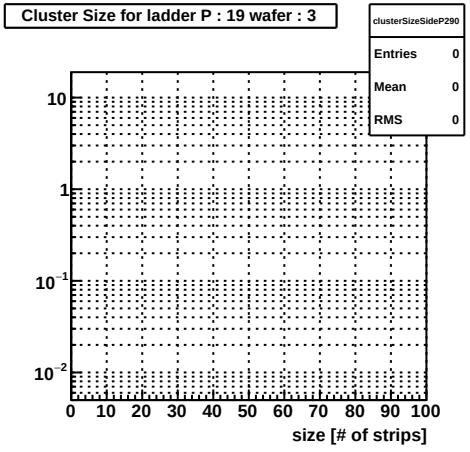

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

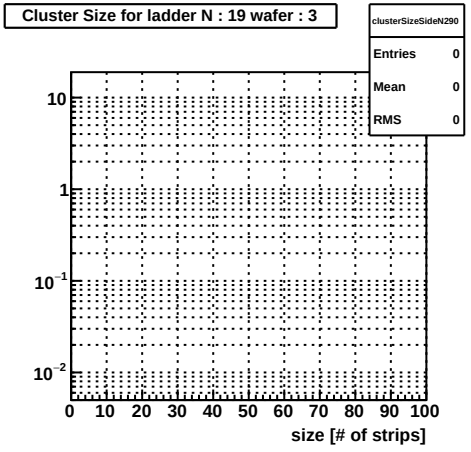

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

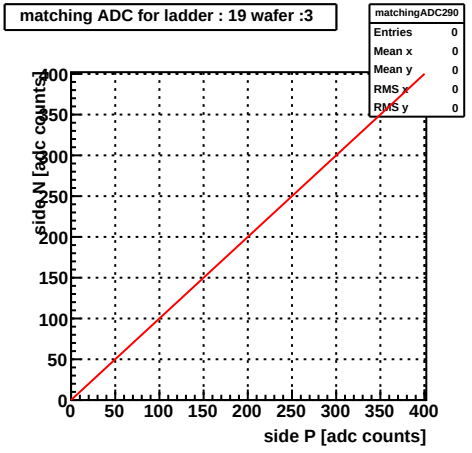

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

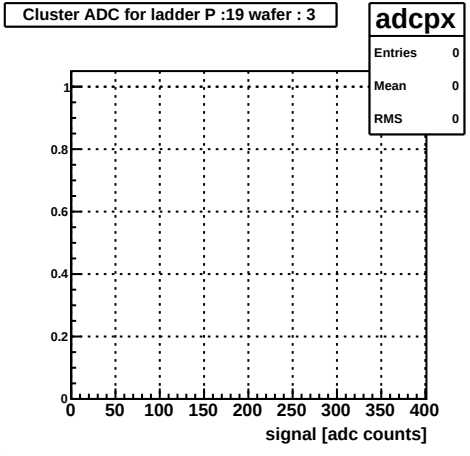

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

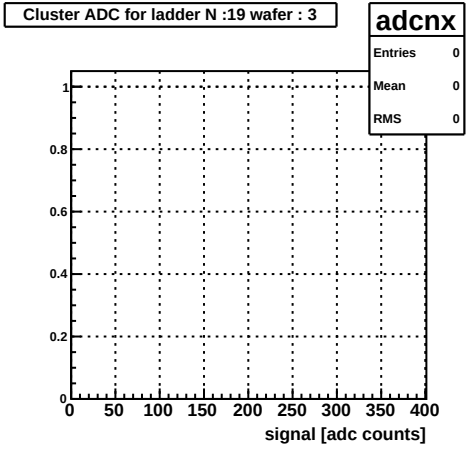

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

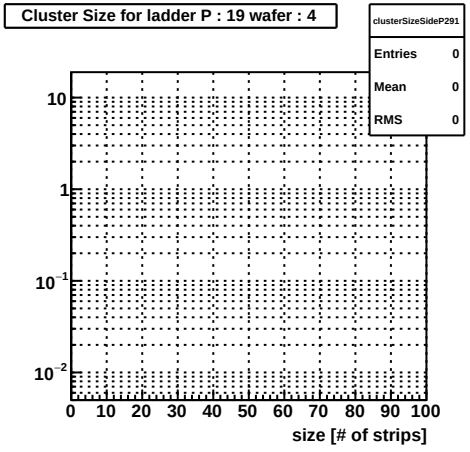

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

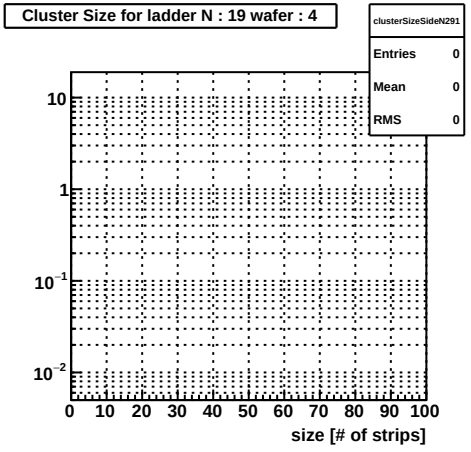

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

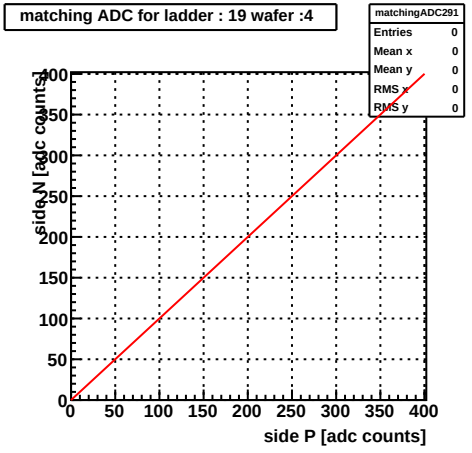

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

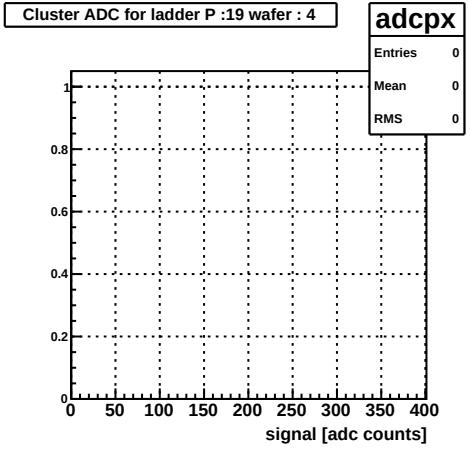

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

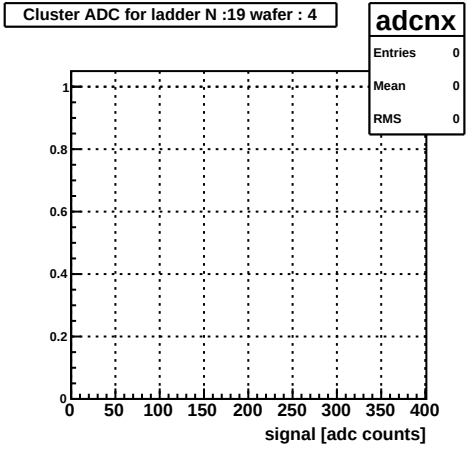

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

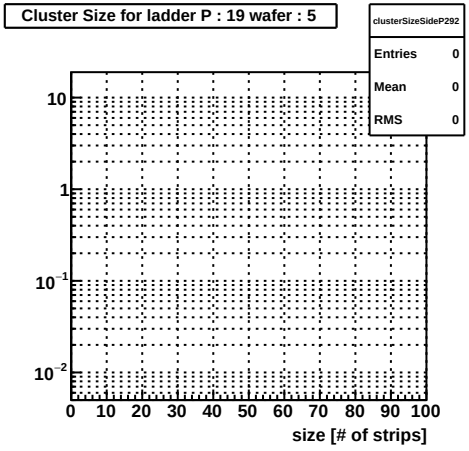

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

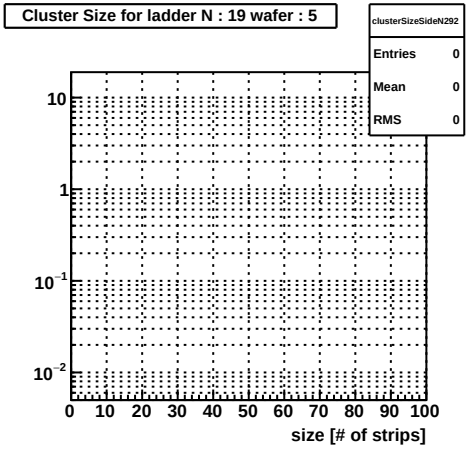

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

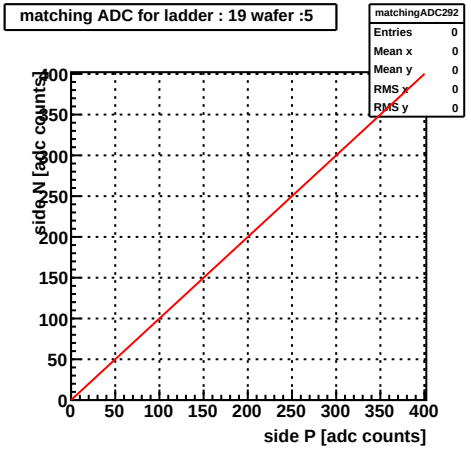

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

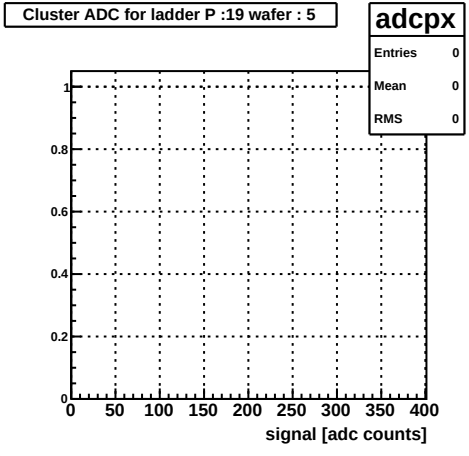

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

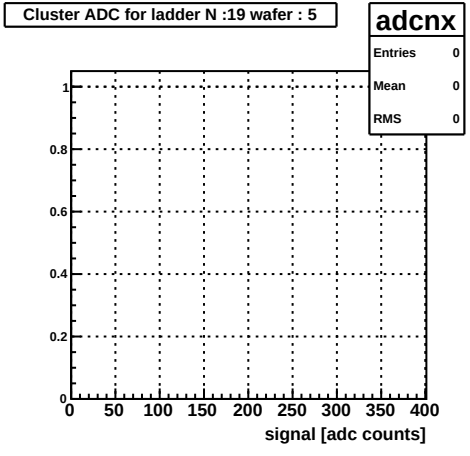

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

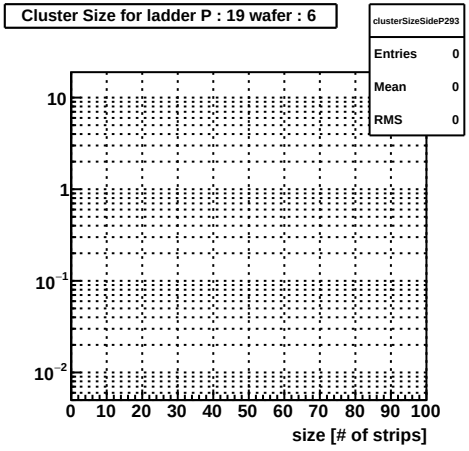

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

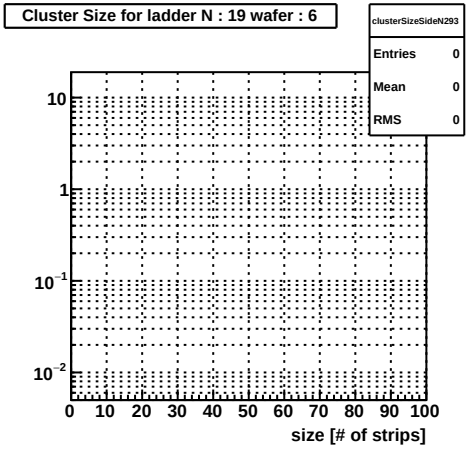

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

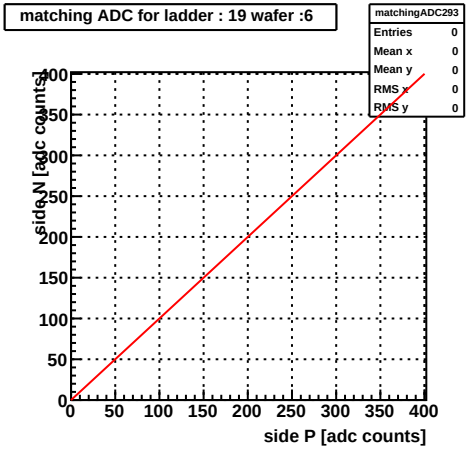

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

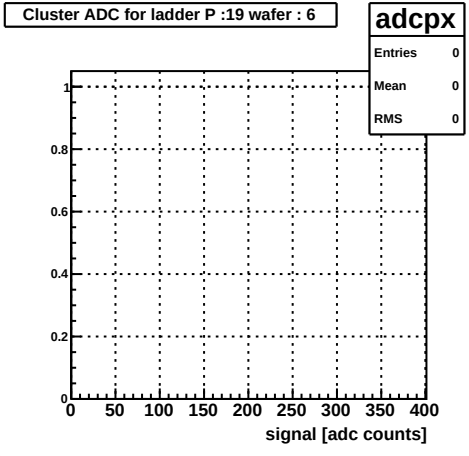

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

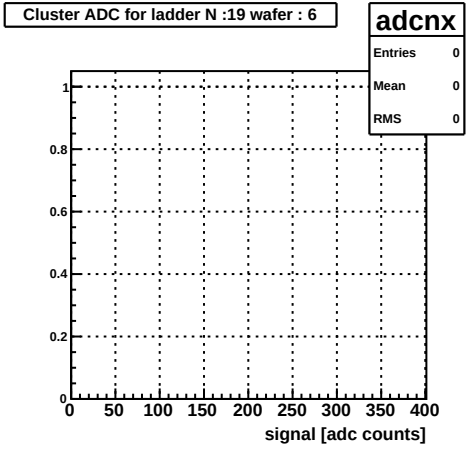

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

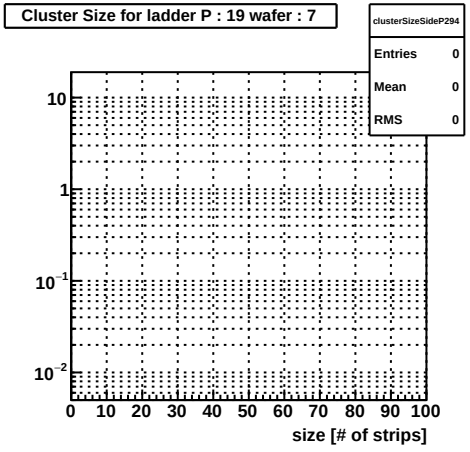

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

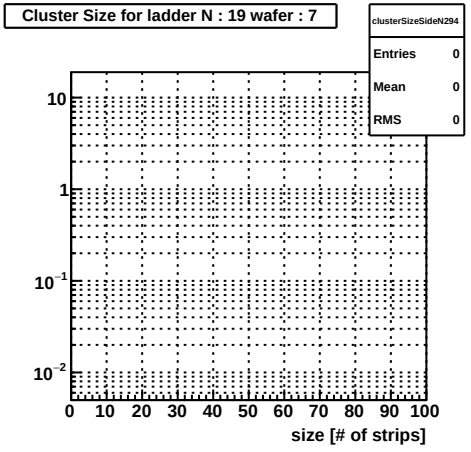

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

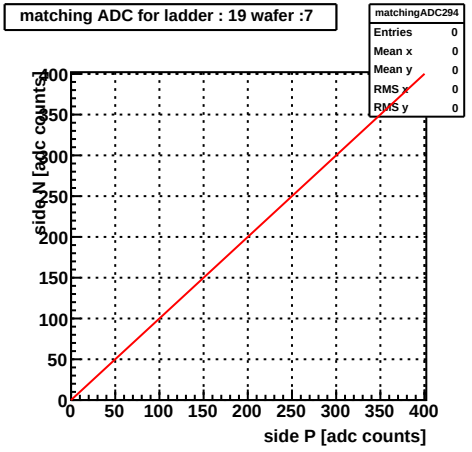

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

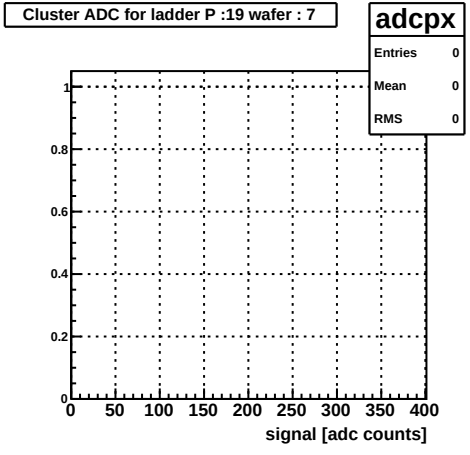

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

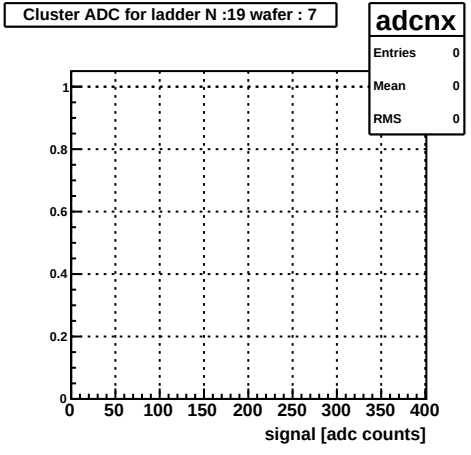

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

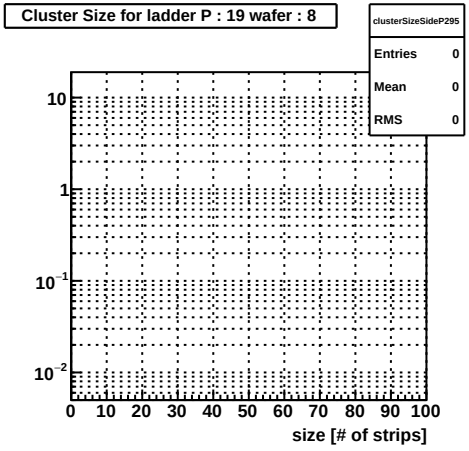

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

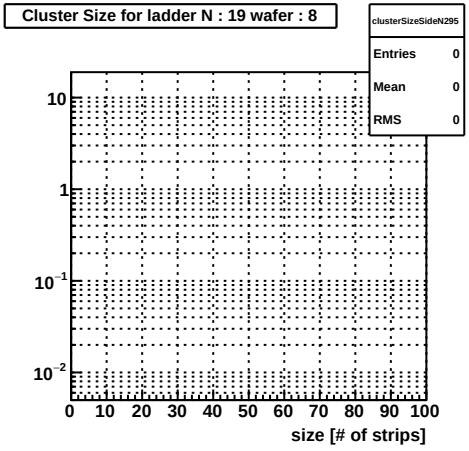

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

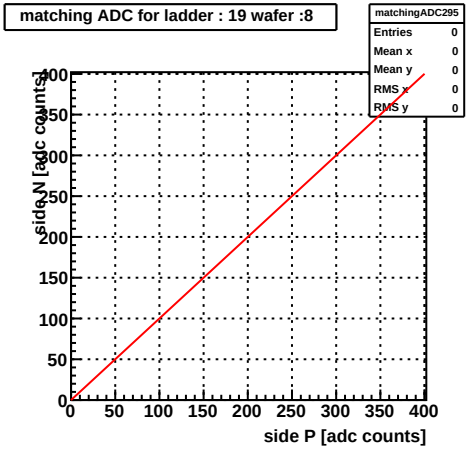

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

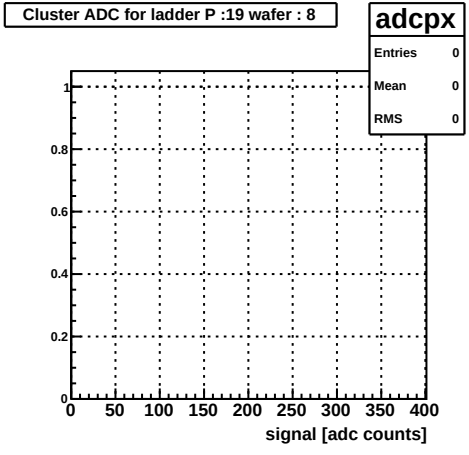

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

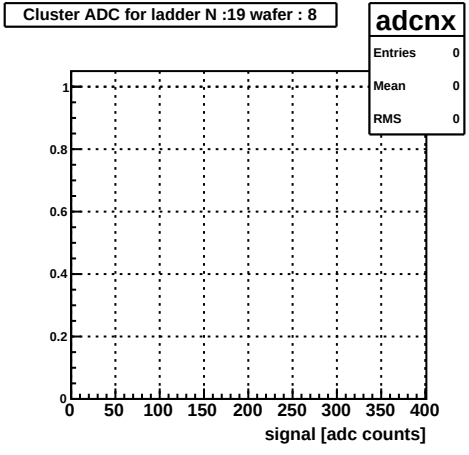

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

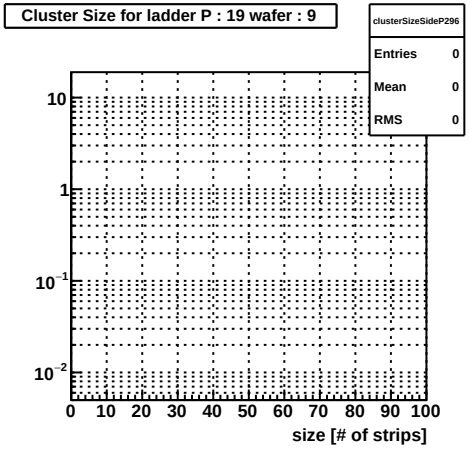

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

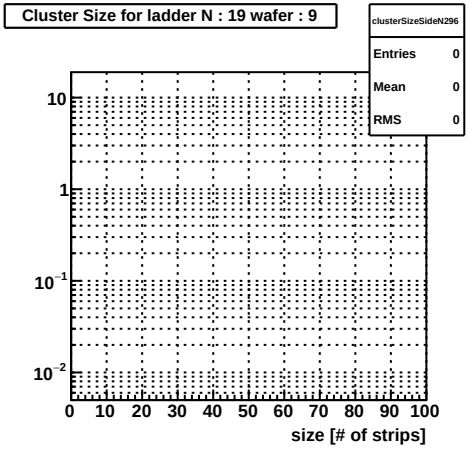

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

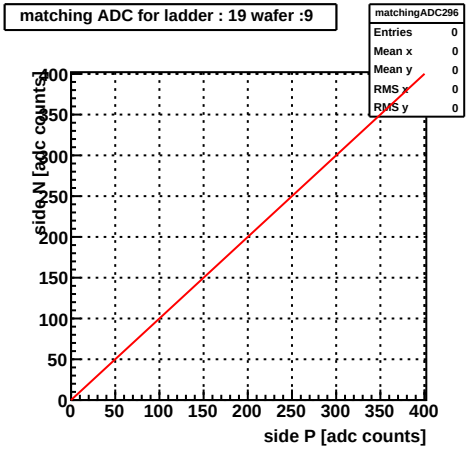

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

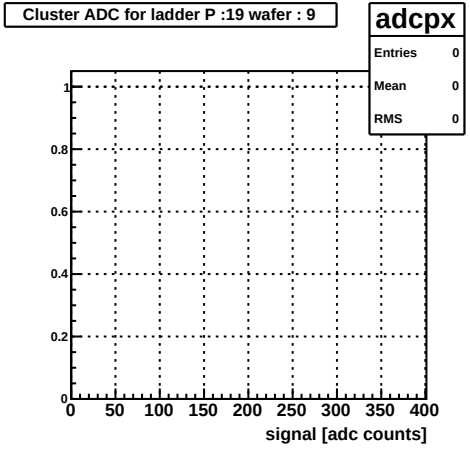

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

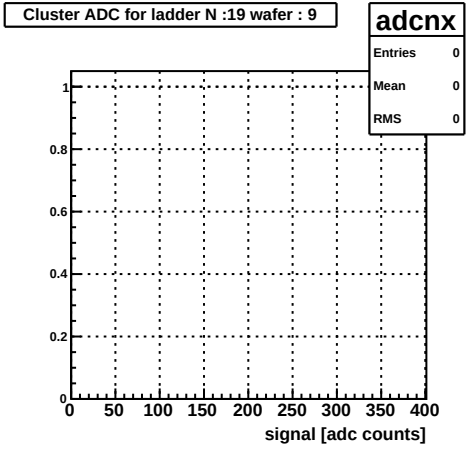

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

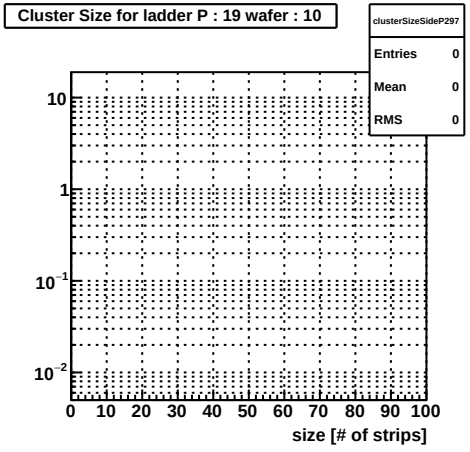

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

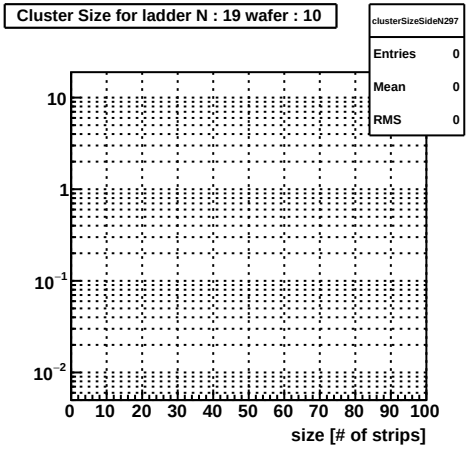

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

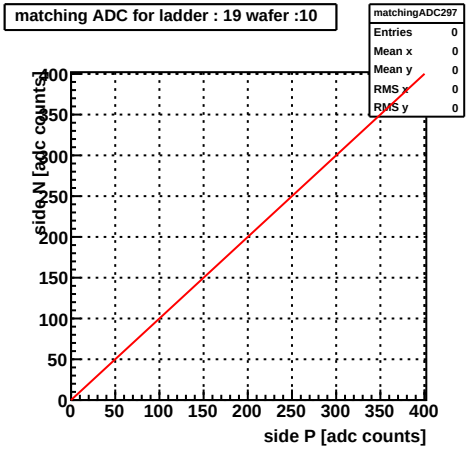

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

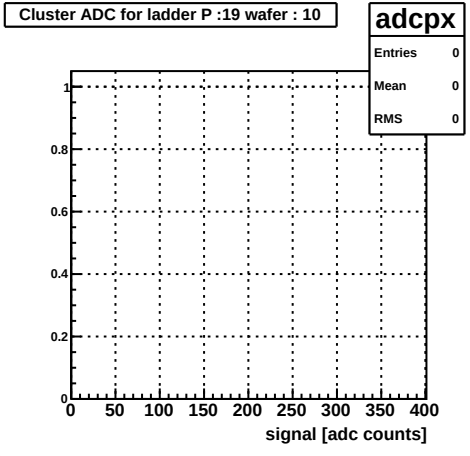

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

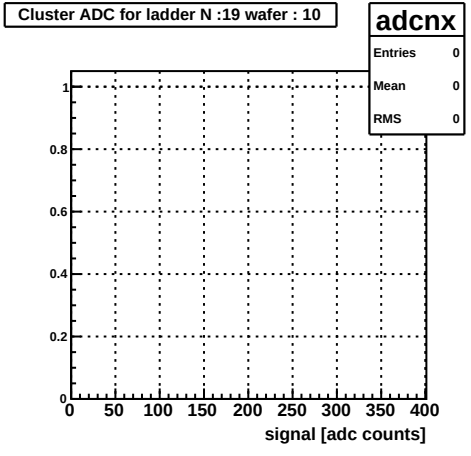

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

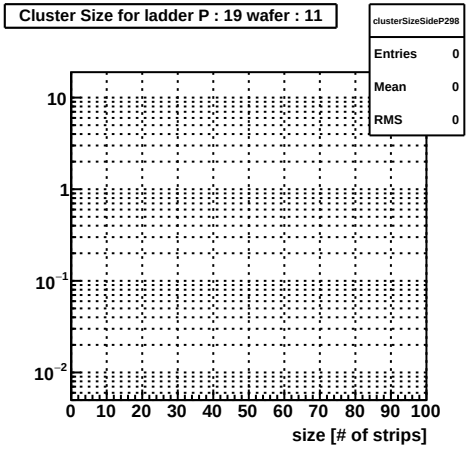

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

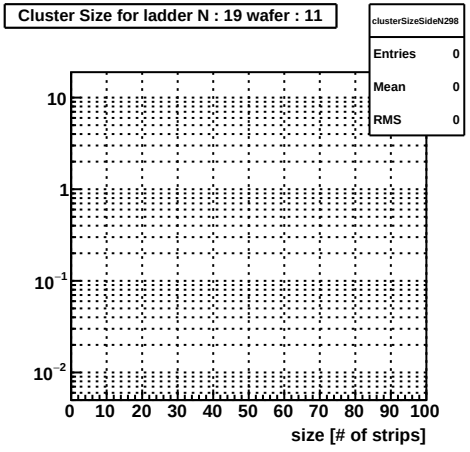

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

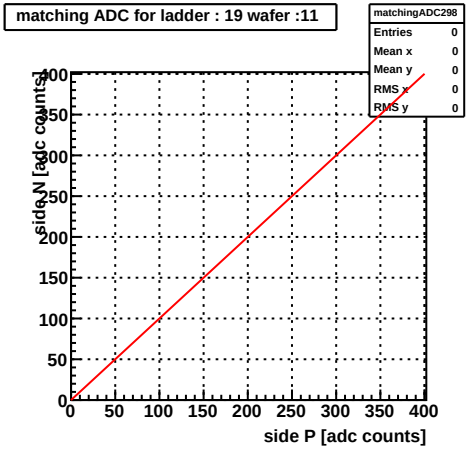

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

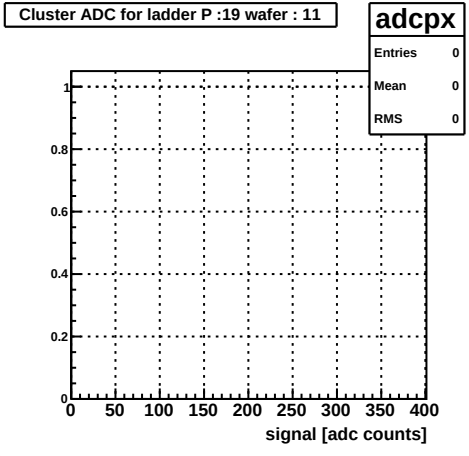

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

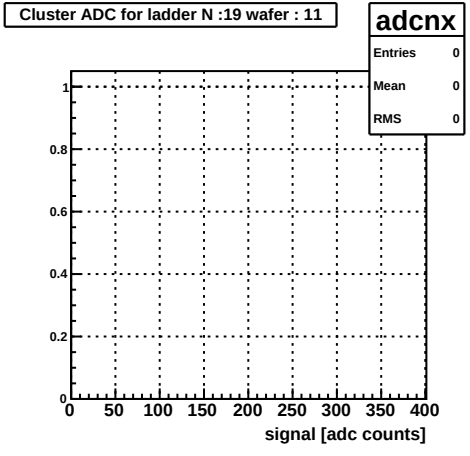

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

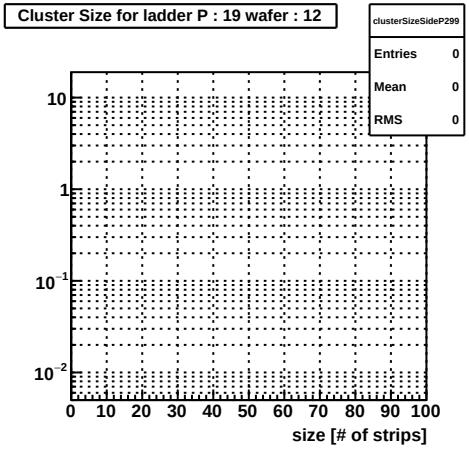

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

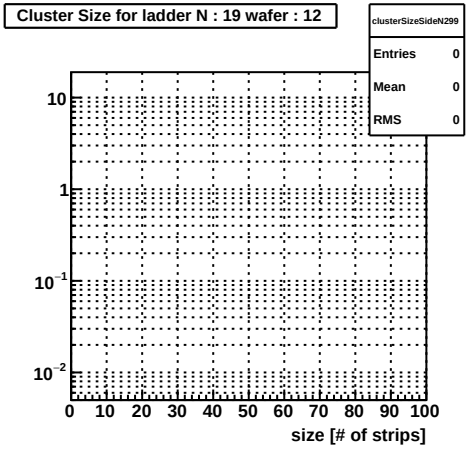

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

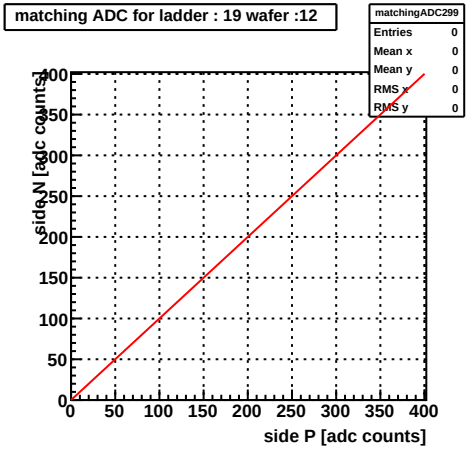

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

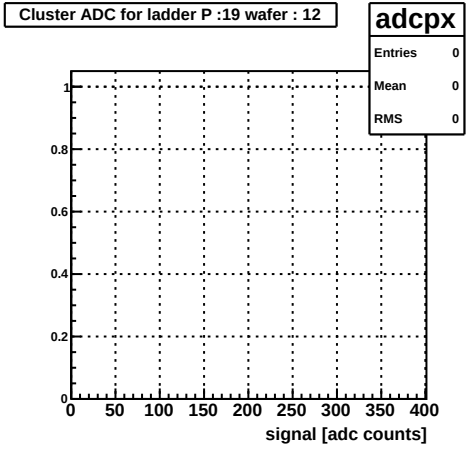

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

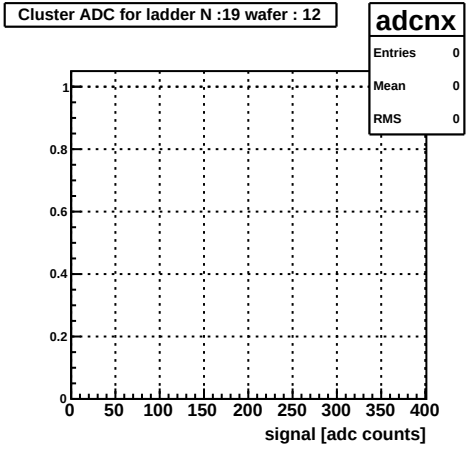

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

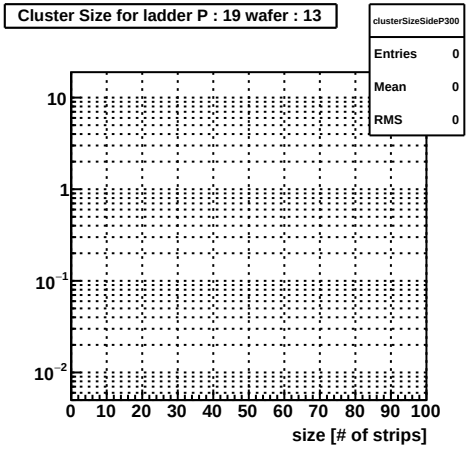

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

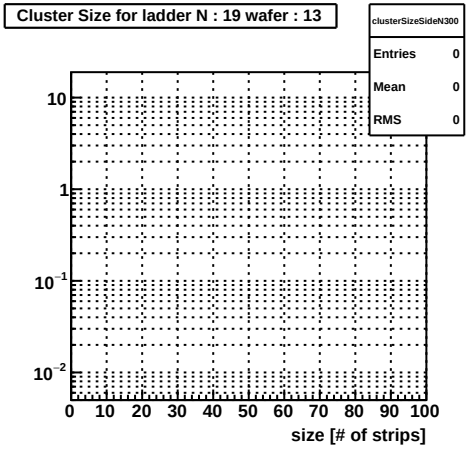

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

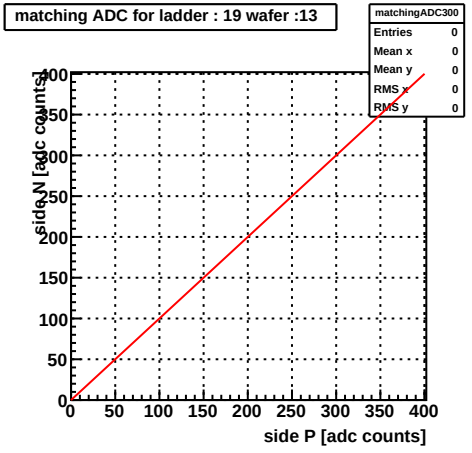

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

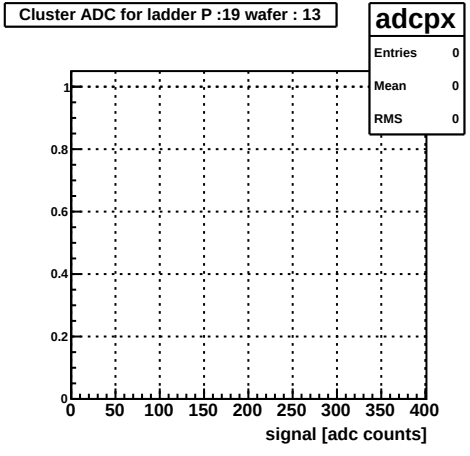

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

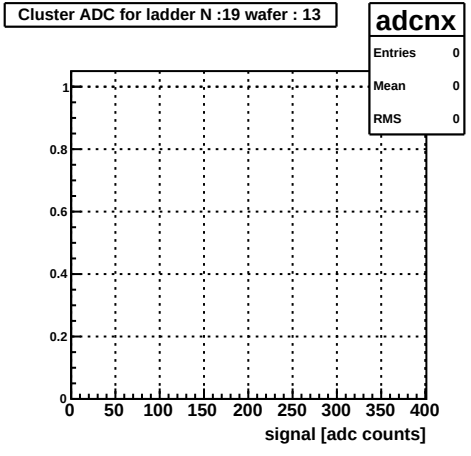

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

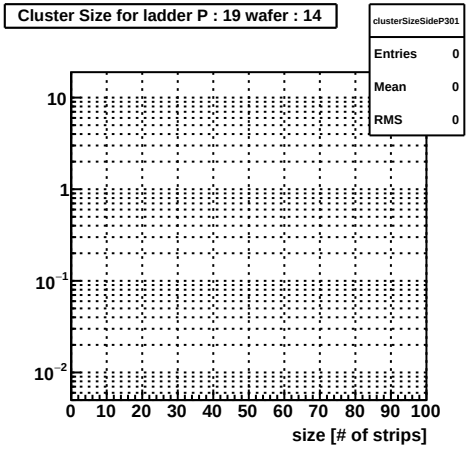

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

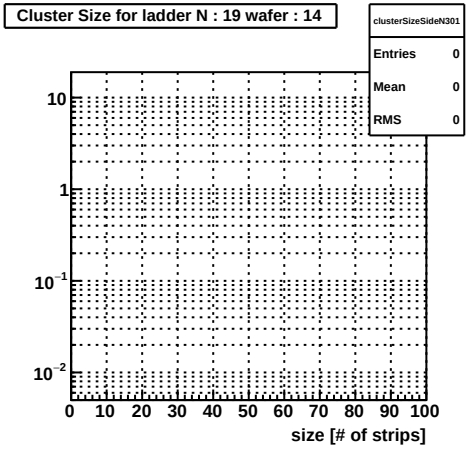

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

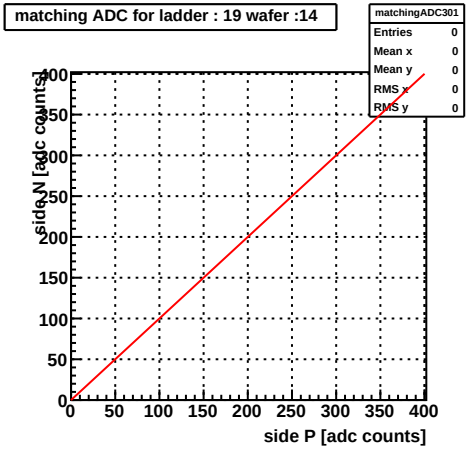

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

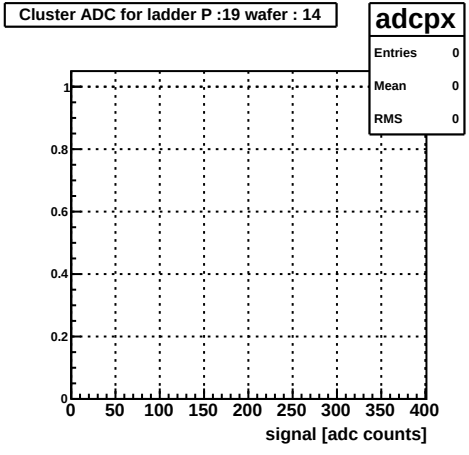

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

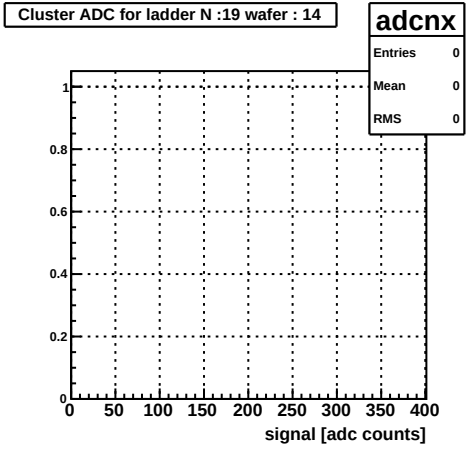

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

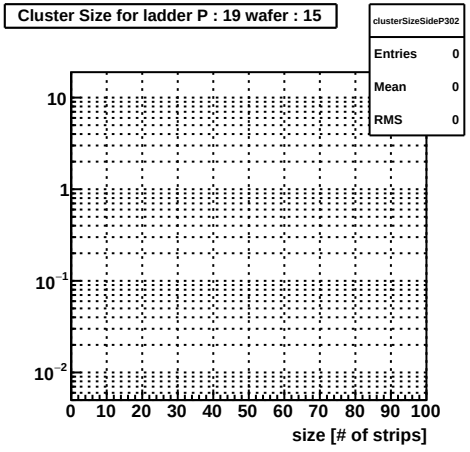

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

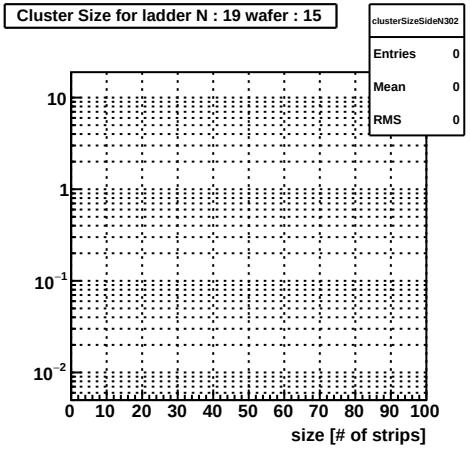

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

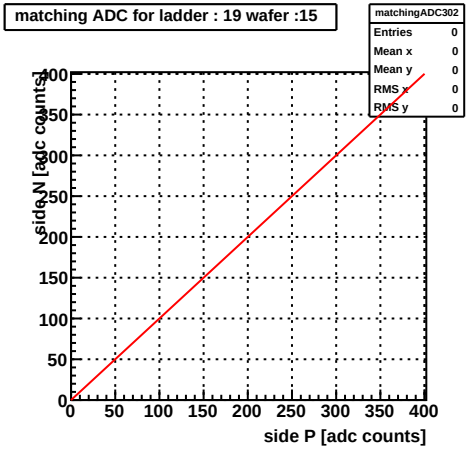

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

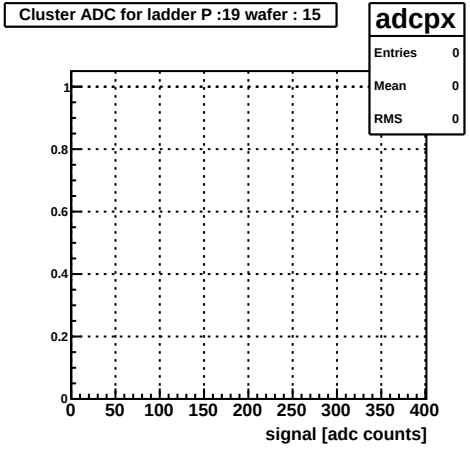

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

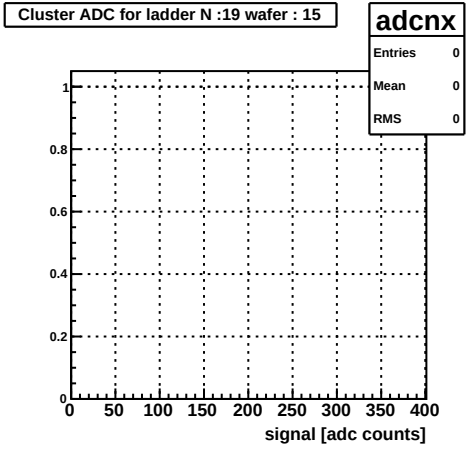

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

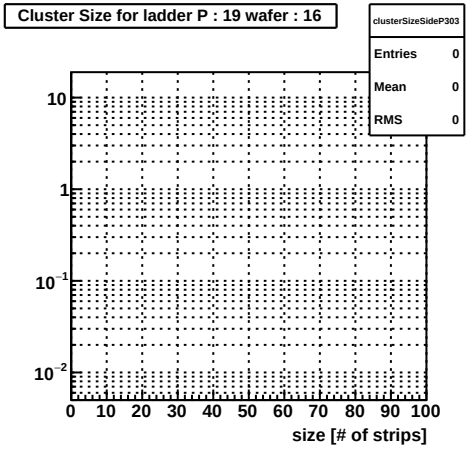

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

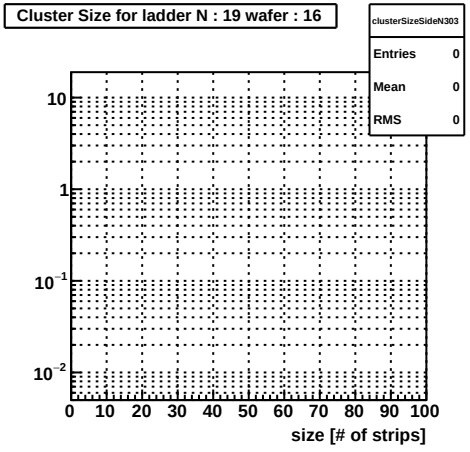

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

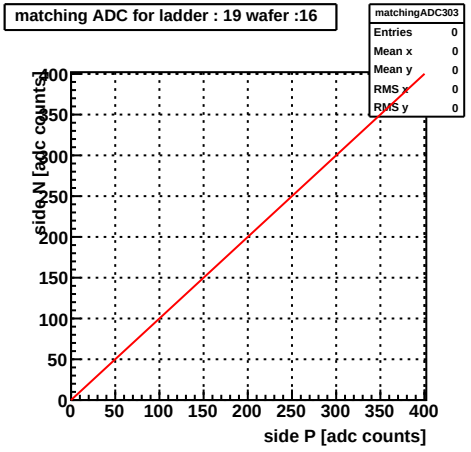

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

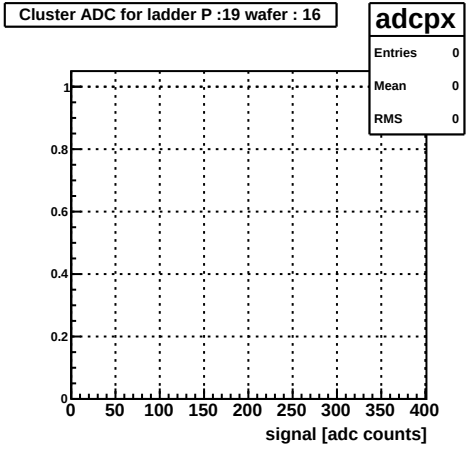

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

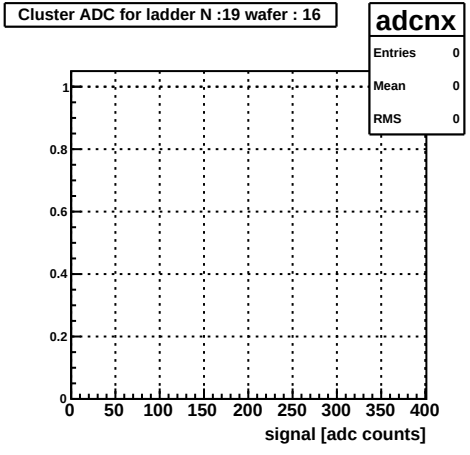

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

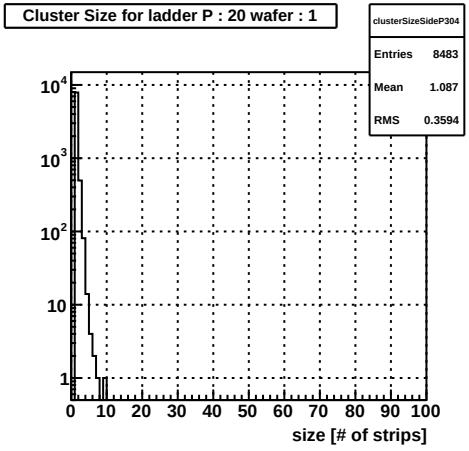

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

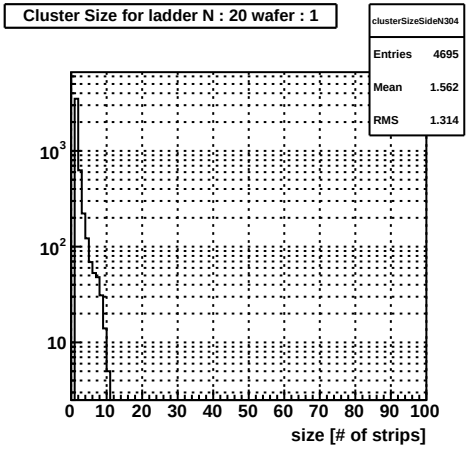

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

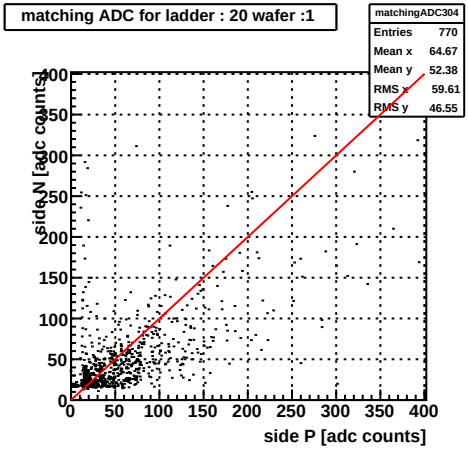

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

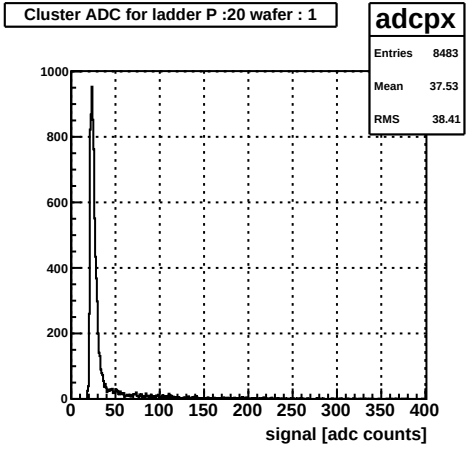

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

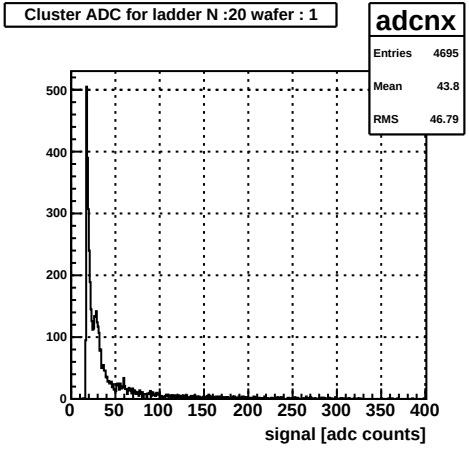

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

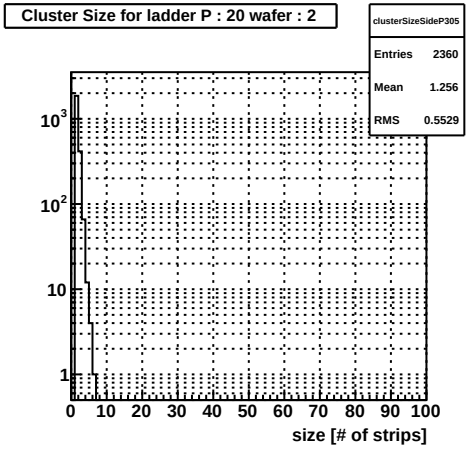

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 8483
Mean 1.087
RMS 0.3594
size [# of strips]

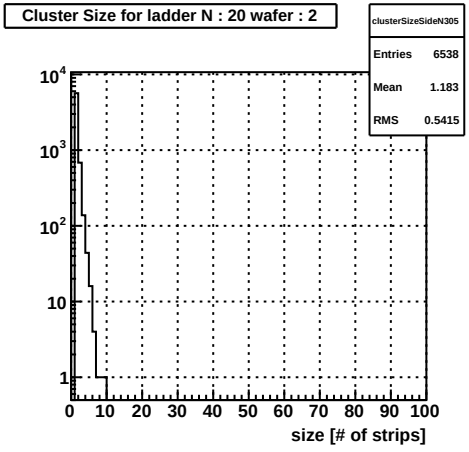

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4695
Mean 1.562
RMS 1.314
size [# of strips]

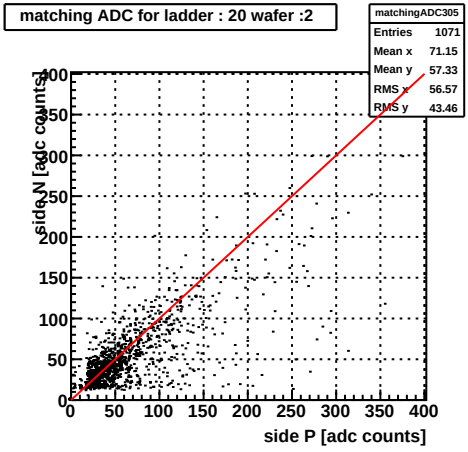

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 770
Mean x 64.67
Mean y 52.38
RMS x 59.61
RMS y 46.55
side N [adc counts]
side P [adc counts]

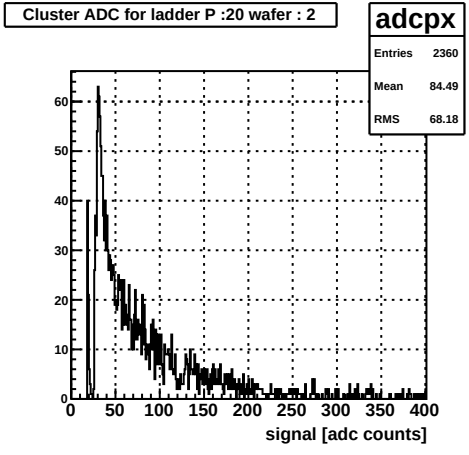

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 8483
Mean 37.53
RMS 38.41
signal [adc counts]

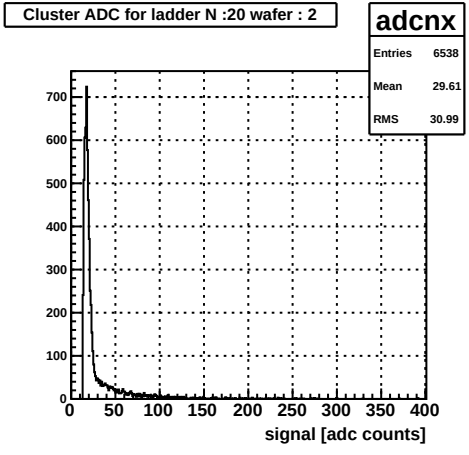

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4695
Mean 43.8
RMS 46.79
signal [adc counts]

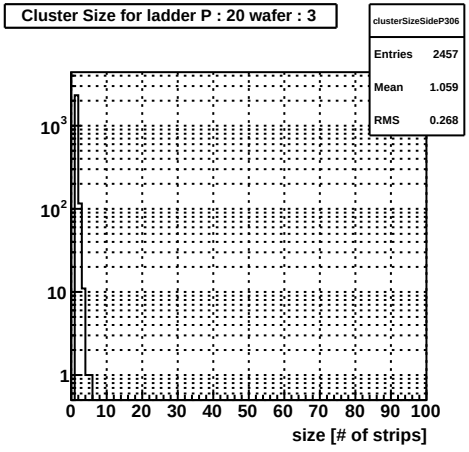

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2360
Mean 1.256
RMS 0.5529
size [# of strips]

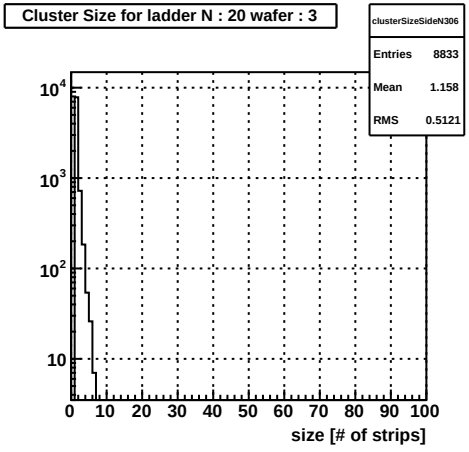

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 6538
Mean 1.183
RMS 0.5415
size [# of strips]

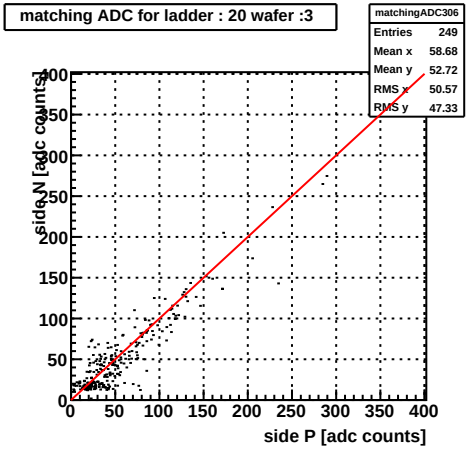

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1071
Mean x 71.15
Mean y 57.33
RMS x 56.57
RMS y 43.46
side N [adc counts]
side P [adc counts]

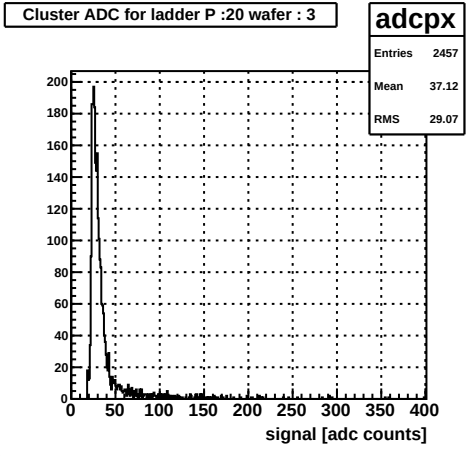

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2360
Mean 84.49
RMS 68.18
signal [adc counts]

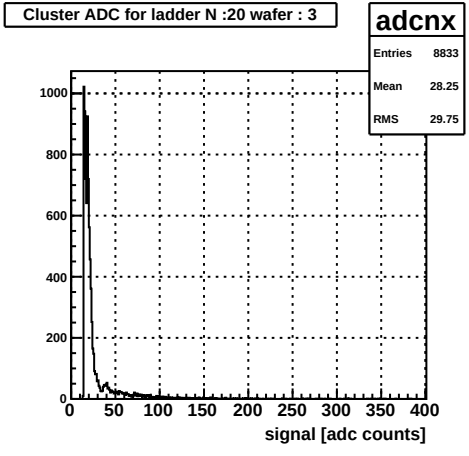

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 6538
Mean 29.61
RMS 30.99
signal [adc counts]

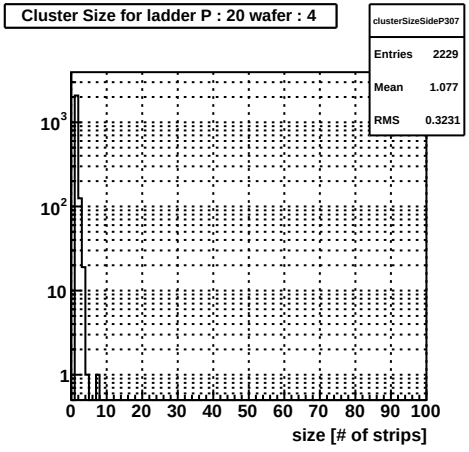

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2457
Mean 1.059
RMS 0.268
size [# of strips]

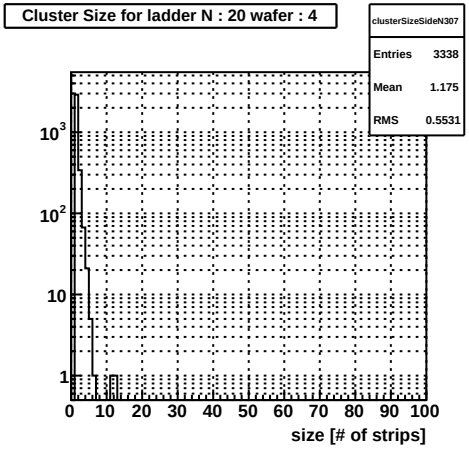

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 8833
Mean 1.158
RMS 0.5121
size [# of strips]

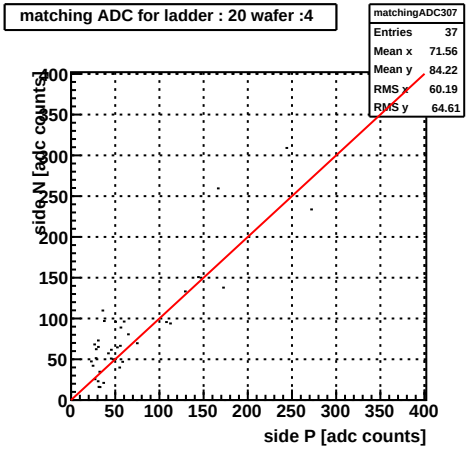

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 249
Mean x 58.68
Mean y 52.72
RMS x 50.57
RMS y 47.33
side N [adc counts]
side P [adc counts]

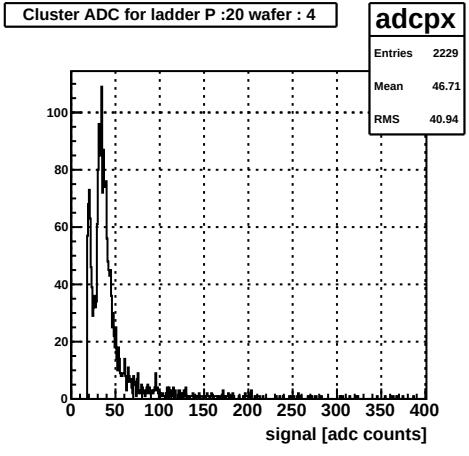

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2457
Mean 37.12
RMS 29.07
signal [adc counts]

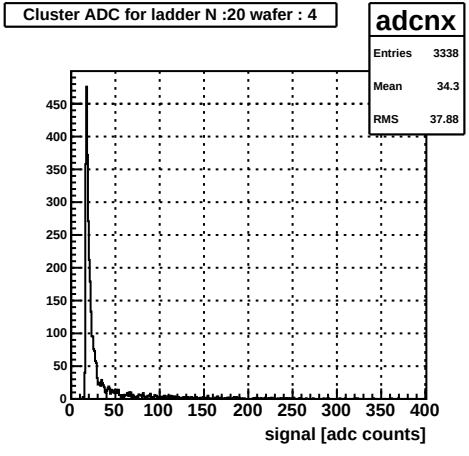

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 8833
Mean 28.25
RMS 29.75
signal [adc counts]

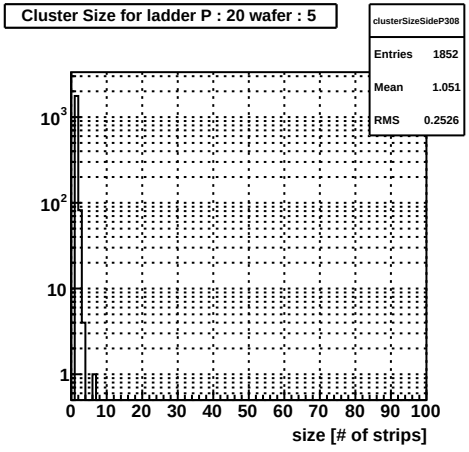

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2229
Mean 1.077
RMS 0.3231
size [# of strips]

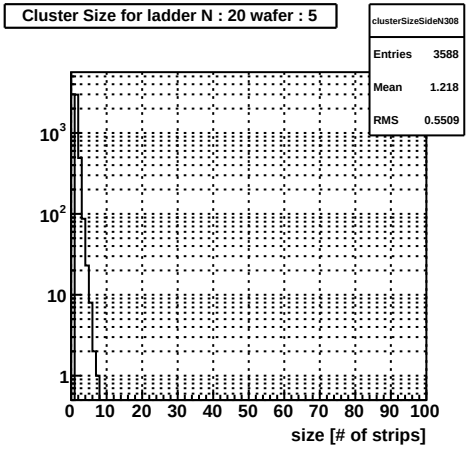

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3338
Mean 1.175
RMS 0.5531
size [# of strips]

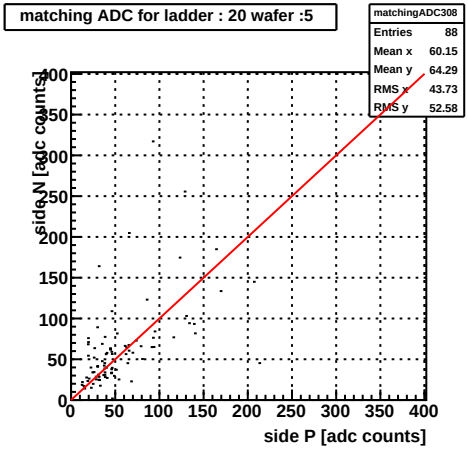

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 37
Mean x 71.56
Mean y 84.22
RMS x 60.19
RMS y 64.61
side N [adc counts]
side P [adc counts]

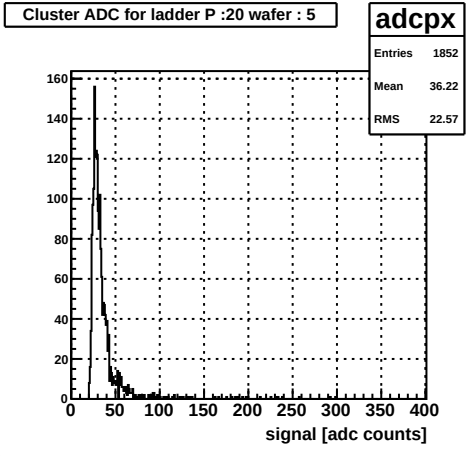

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2229
Mean 46.71
RMS 40.94
signal [adc counts]

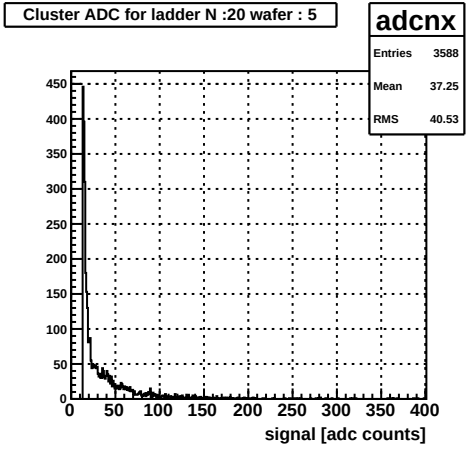

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3338
Mean 34.3
RMS 37.88
signal [adc counts]

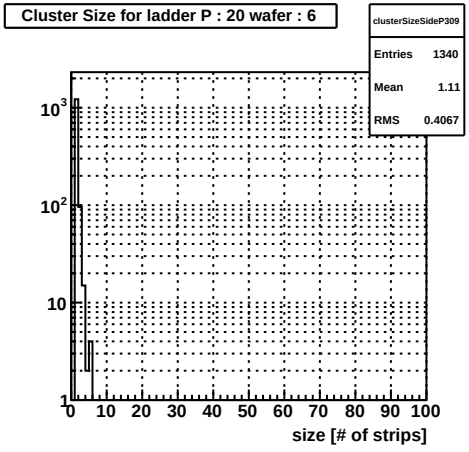

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1852
Mean 1.051
RMS 0.2526
size [# of strips]

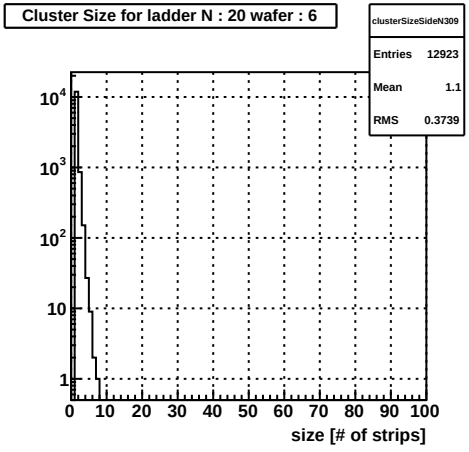

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3588
Mean 1.218
RMS 0.5509
size [# of strips]

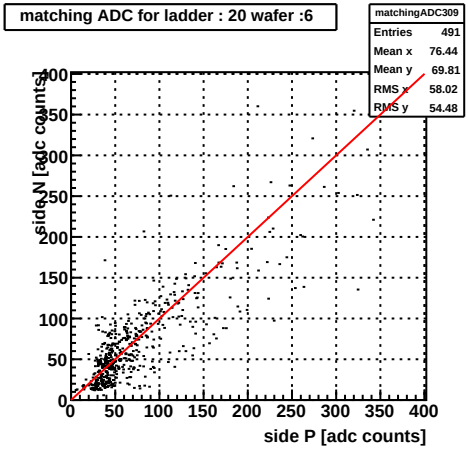

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 88
Mean x 60.15
Mean y 64.29
RMS x 43.73
RMS y 52.58
side N [adc counts]
side P [adc counts]

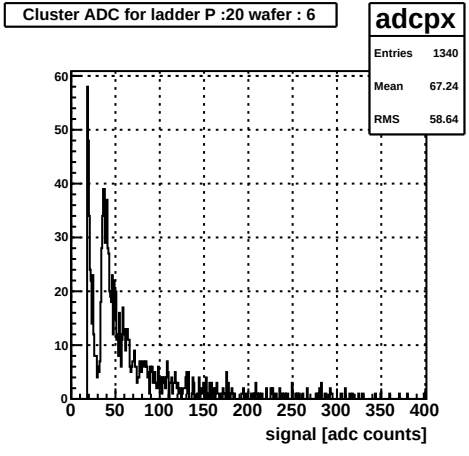

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1852
Mean 36.22
RMS 22.57
signal [adc counts]

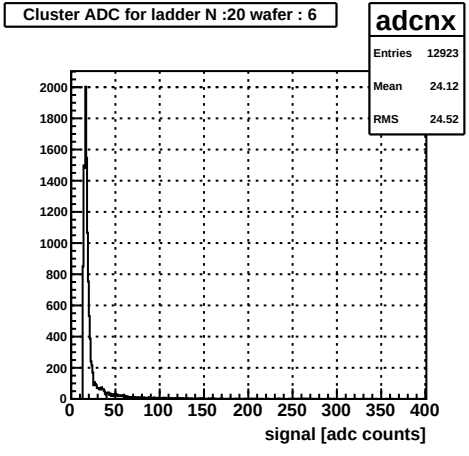

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3588
Mean 37.25
RMS 40.53
signal [adc counts]

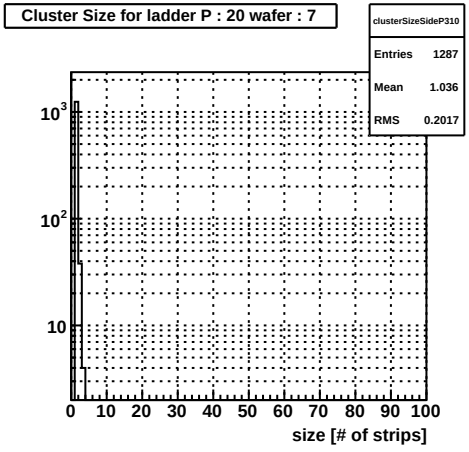

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1340
Mean 1.11
RMS 0.4067
size [# of strips]

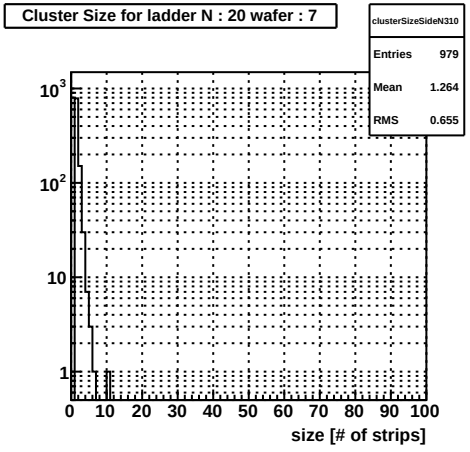

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12923
Mean 1.1
RMS 0.3739
size [# of strips]

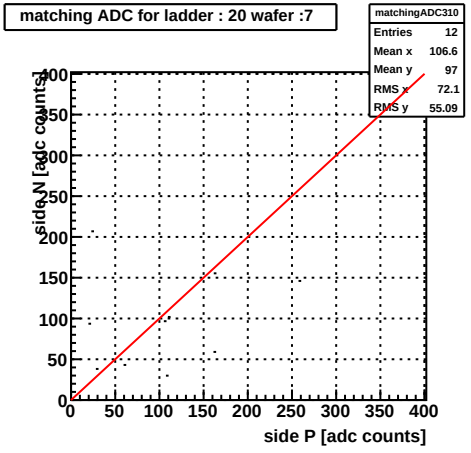

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 491
Mean x 76.44
Mean y 69.81
RMS x 58.02
RMS y 54.48
side N [adc counts]
side P [adc counts]

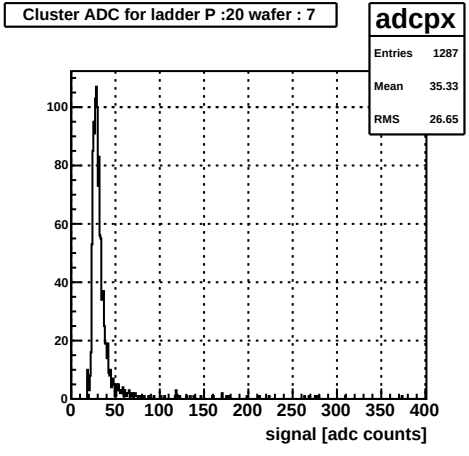

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1340
Mean 67.24
RMS 58.64
signal [adc counts]

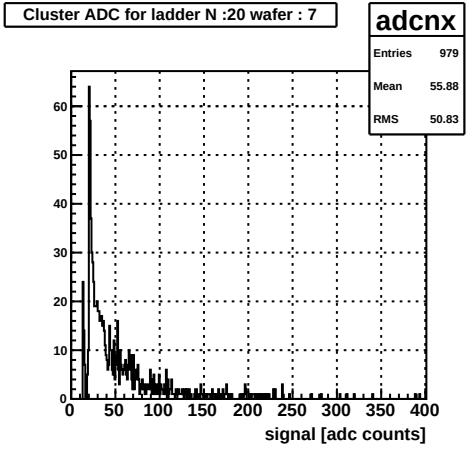

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12923
Mean 24.12
RMS 24.52
signal [adc counts]

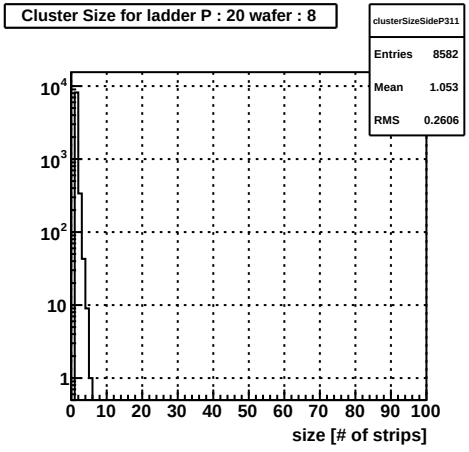

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1287
Mean 1.036
RMS 0.2017
size [# of strips]

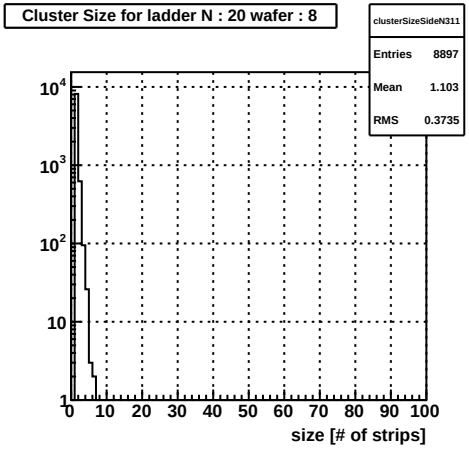

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 979
Mean 1.264
RMS 0.655
size [# of strips]

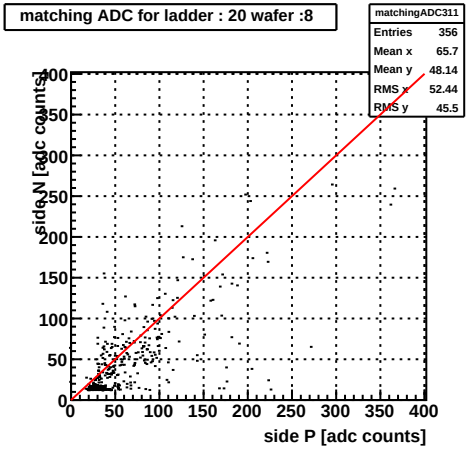

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 12
Mean x 106.6
Mean y 97
RMS x 72.1
RMS y 55.09
side N [adc counts]
side P [adc counts]

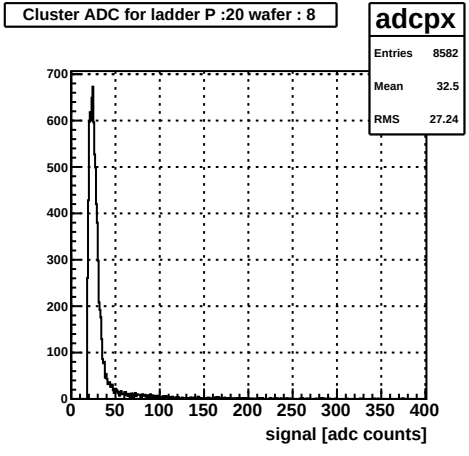

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1287
Mean 35.33
RMS 26.65
signal [adc counts]

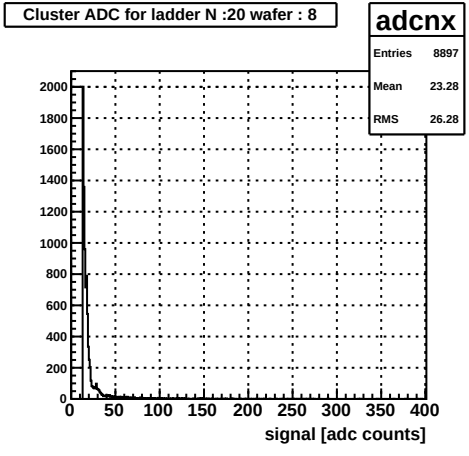

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 979
Mean 55.88
RMS 50.83
signal [adc counts]

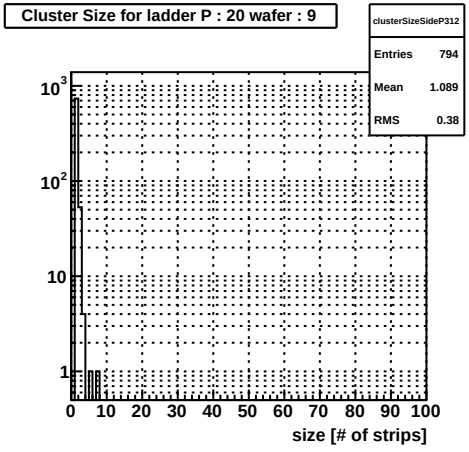

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8582
Mean 1.053
RMS 0.2606
size [# of strips]

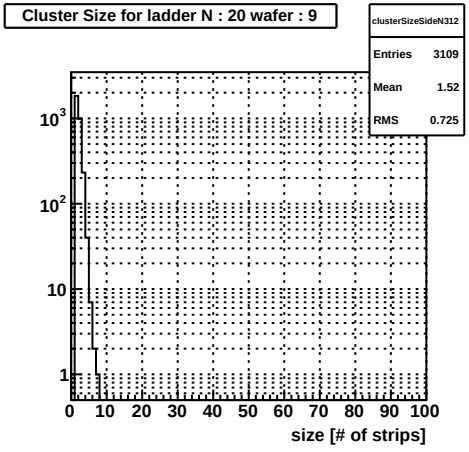

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8897
Mean 1.103
RMS 0.3735
size [# of strips]

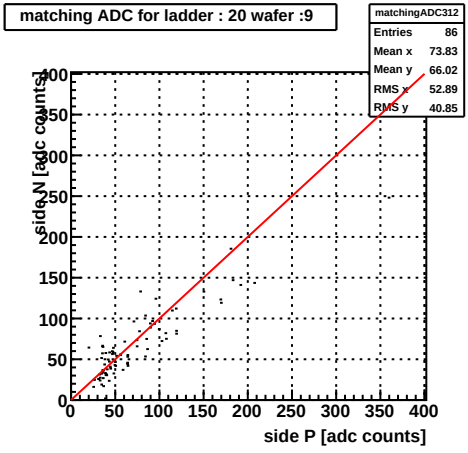

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 356
Mean x 65.7
Mean y 48.14
RMS x 52.44
RMS y 45.5
side N [adc counts]
side P [adc counts]

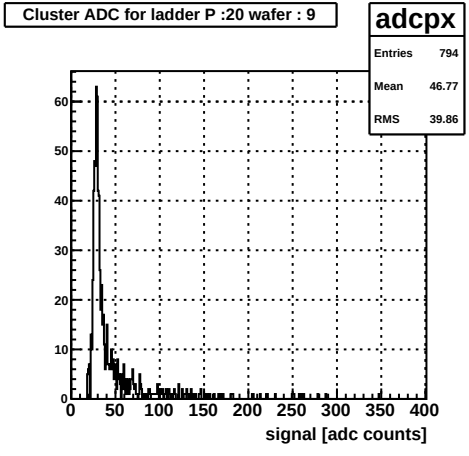

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8582
Mean 32.5
RMS 27.24
signal [adc counts]

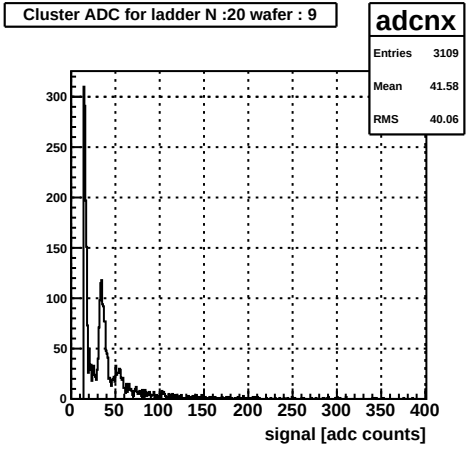

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8897
Mean 23.28
RMS 26.28
signal [adc counts]

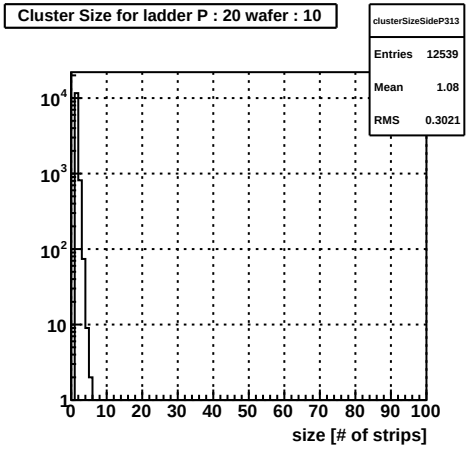

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 794
Mean 1.089
RMS 0.38
size [# of strips]

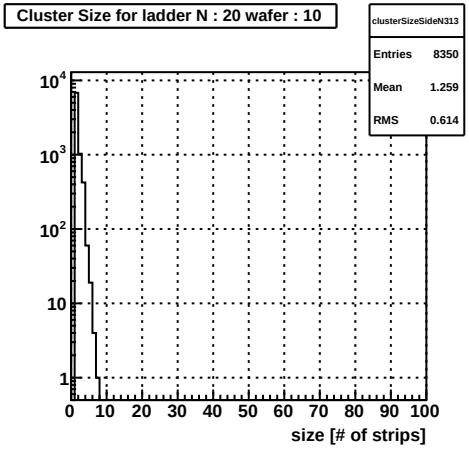

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3109
Mean 1.52
RMS 0.725
size [# of strips]

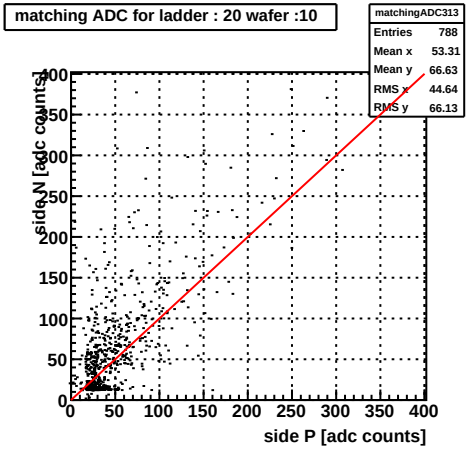

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 86
Mean x 73.83
Mean y 66.02
RMS x 52.89
RMS y 40.85
side N [adc counts]
side P [adc counts]

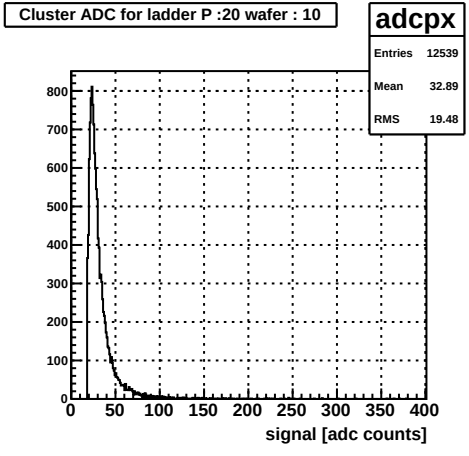

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 794
Mean 46.77
RMS 39.86
signal [adc counts]

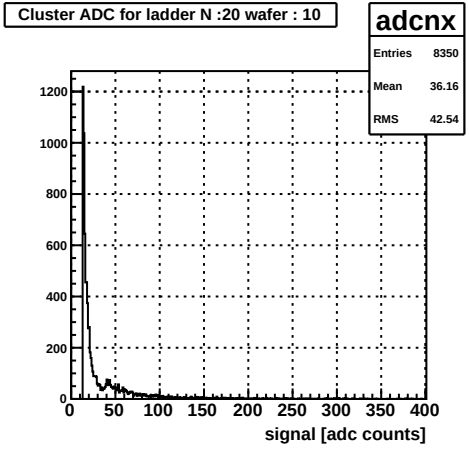

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3109
Mean 41.58
RMS 40.06
signal [adc counts]

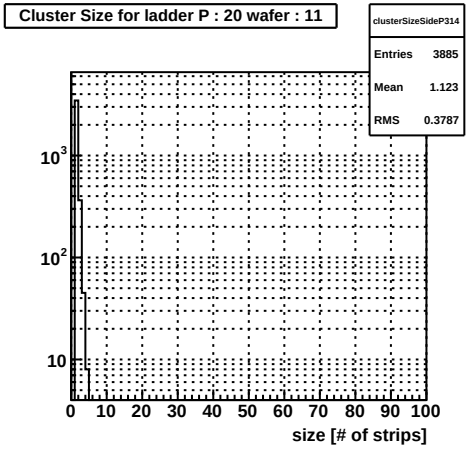

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12539
Mean 1.08
RMS 0.3021
size [# of strips]

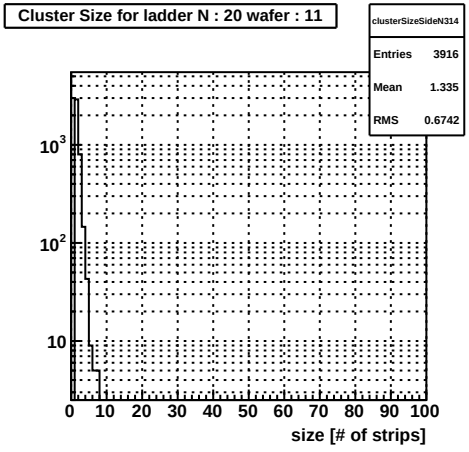

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8350
Mean 1.259
RMS 0.614
size [# of strips]

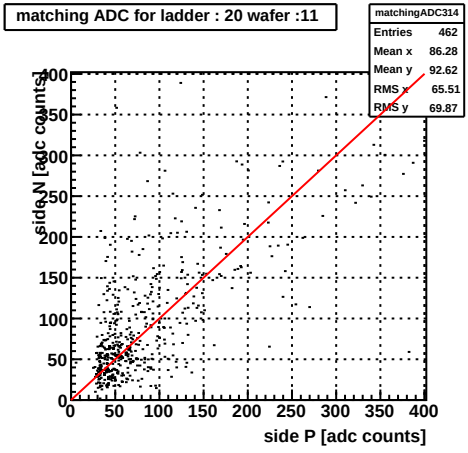

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 788
Mean x 53.31
Mean y 66.63
RMS x 44.64
RMS y 66.13
side N [adc counts]
side P [adc counts]

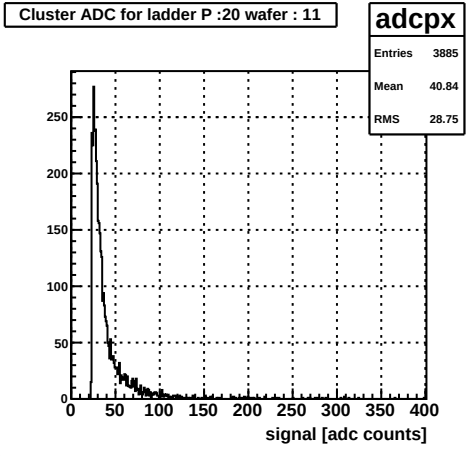

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12539
Mean 32.89
RMS 19.48
signal [adc counts]

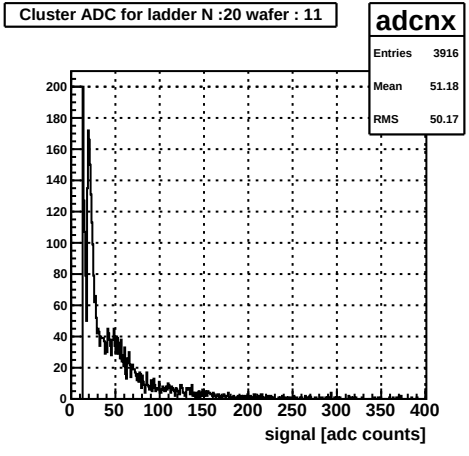

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8350
Mean 36.16
RMS 42.54
signal [adc counts]

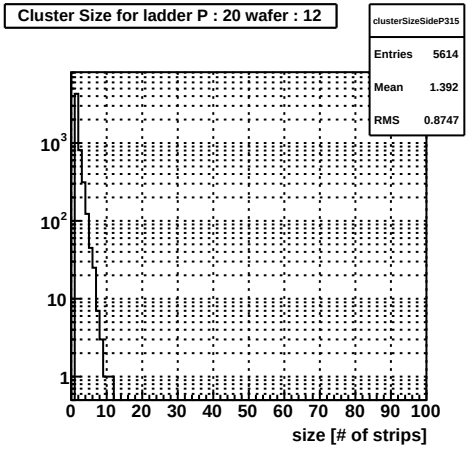

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3885
Mean 1.123
RMS 0.3787
size [# of strips]

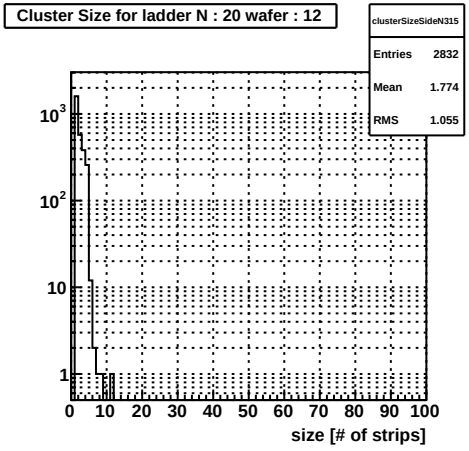

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3916
Mean 1.335
RMS 0.6742
size [# of strips]

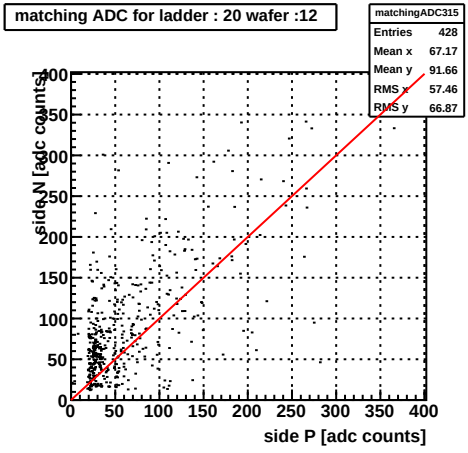

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 462
Mean x 86.28
Mean y 92.62
RMS x 65.51
RMS y 69.87
side N [adc counts]
side P [adc counts]

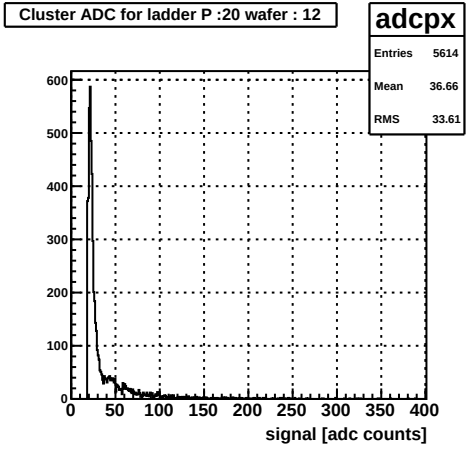

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3885
Mean 40.84
RMS 28.75
signal [adc counts]

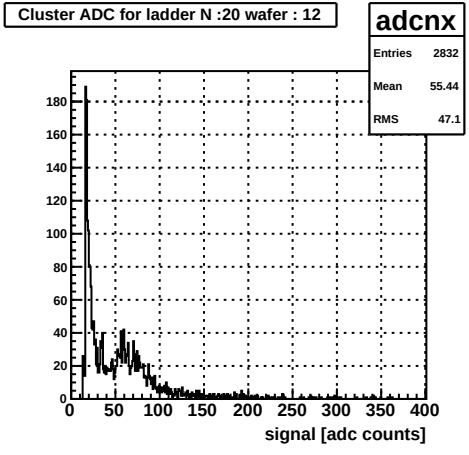

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3916
Mean 51.18
RMS 50.17
signal [adc counts]

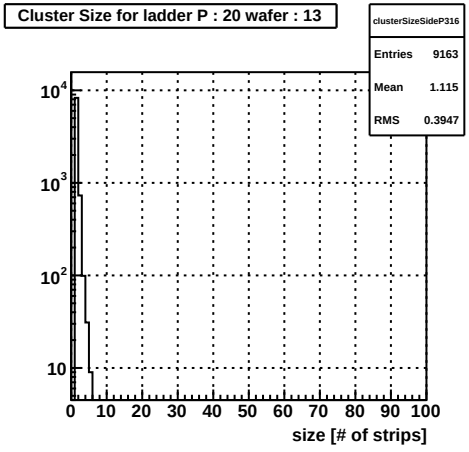

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5614
Mean 1.392
RMS 0.8747
size [# of strips]

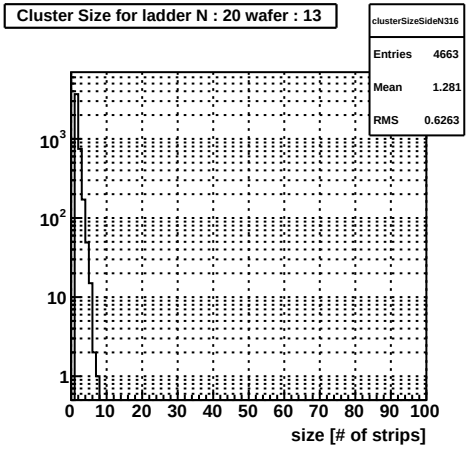

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2832
Mean 1.774
RMS 1.055
size [# of strips]

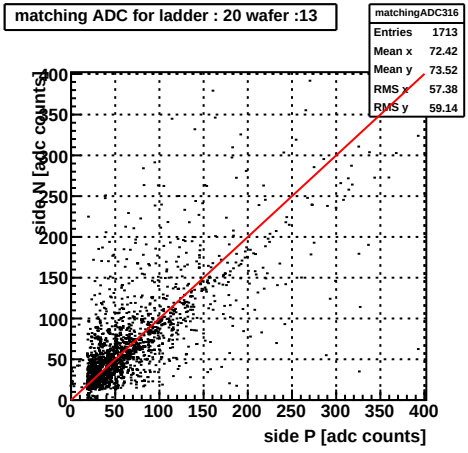

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 428
Mean x 67.17
Mean y 91.66
RMS x 57.46
RMS y 66.87
side N [adc counts]
side P [adc counts]

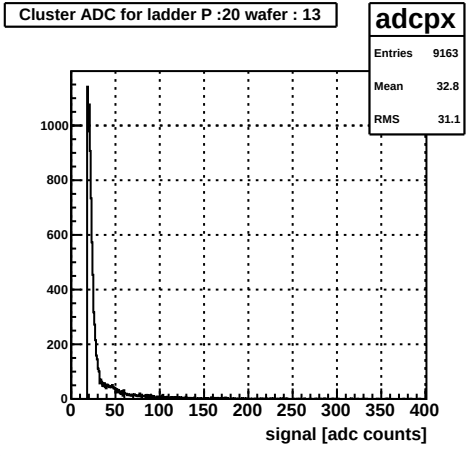

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5614
Mean 36.66
RMS 33.61
signal [adc counts]

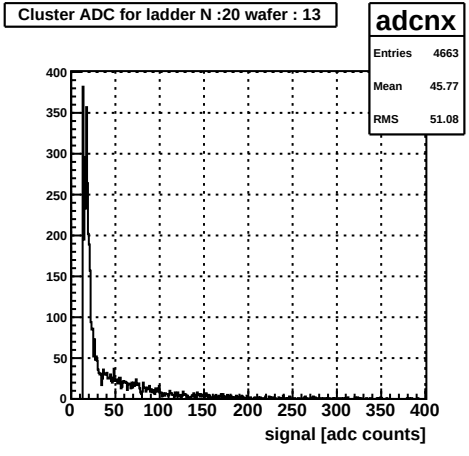

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2832
Mean 55.44
RMS 47.1
signal [adc counts]

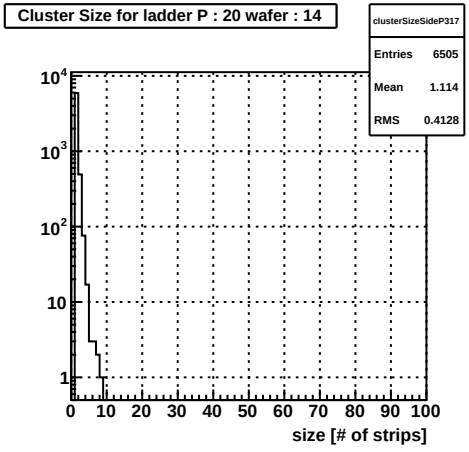

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9163
Mean 1.115
RMS 0.3947
size [# of strips]

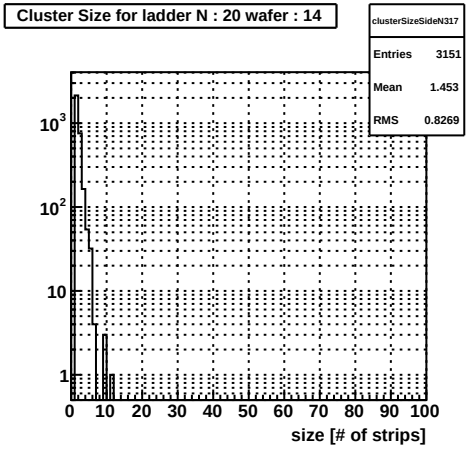

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4663
Mean 1.281
RMS 0.6263
size [# of strips]

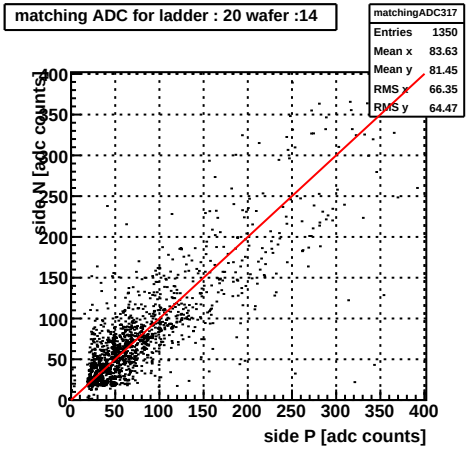

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1713
Mean x 72.42
Mean y 73.52
RMS x 57.38
RMS y 59.14
side N [adc counts]
side P [adc counts]

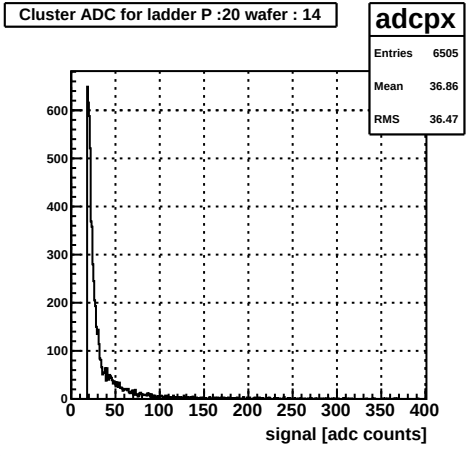

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9163
Mean 32.8
RMS 31.1
signal [adc counts]

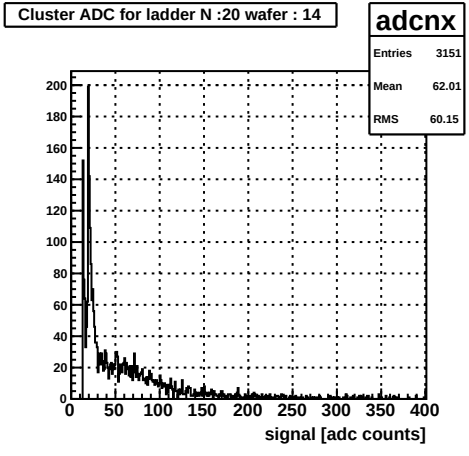

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4663
Mean 45.77
RMS 51.08
signal [adc counts]

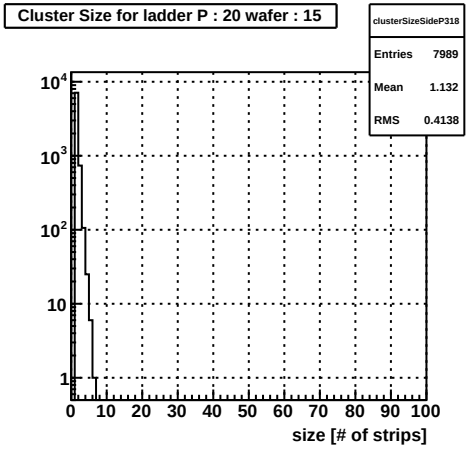

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6505
Mean 1.114
RMS 0.4128
size [# of strips]

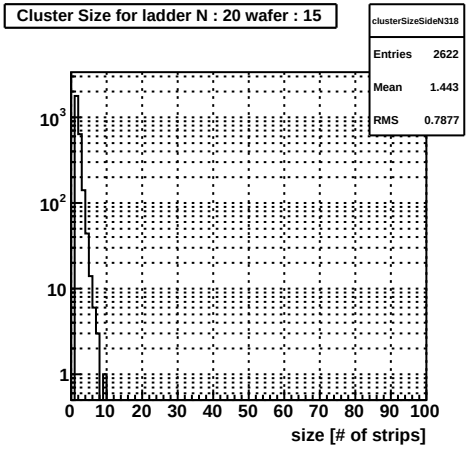

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3151
Mean 1.453
RMS 0.8269
size [# of strips]

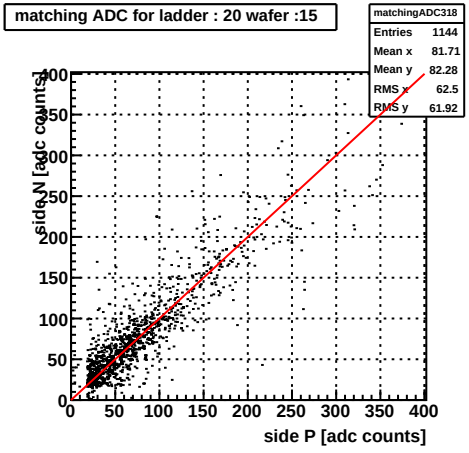

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1350
Mean x 83.63
Mean y 81.45
RMS x 66.35
RMS y 64.47
side N [adc counts]
side P [adc counts]

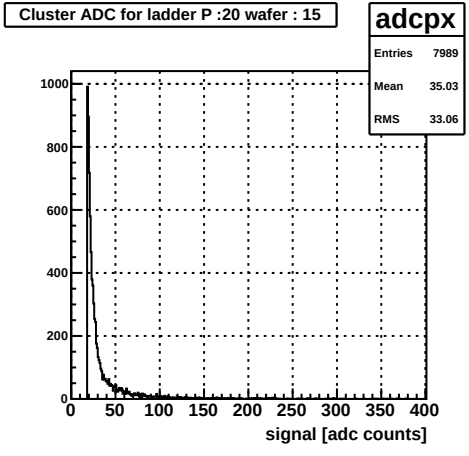

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6505
Mean 36.86
RMS 36.47
signal [adc counts]

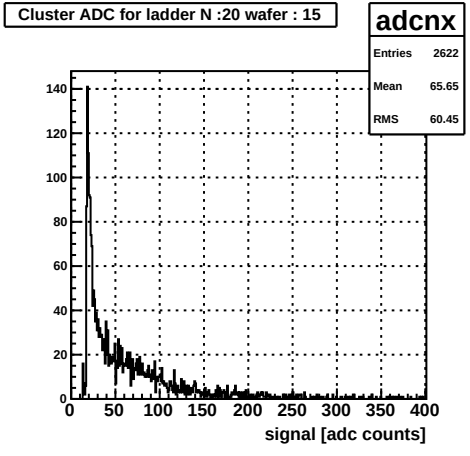

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3151
Mean 62.01
RMS 60.15
signal [adc counts]

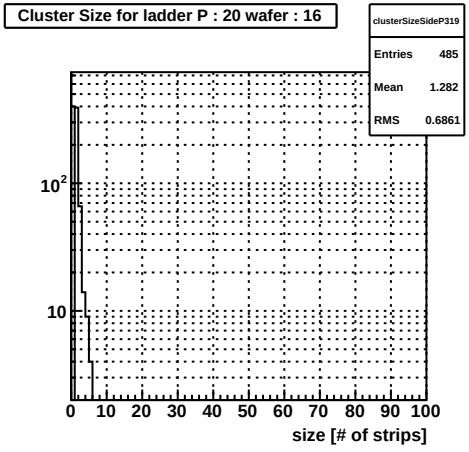

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7989
Mean 1.132
RMS 0.4138
size [# of strips]

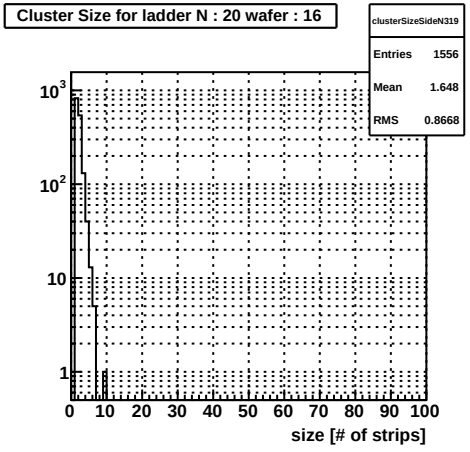

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2622
Mean 1.443
RMS 0.7877
size [# of strips]

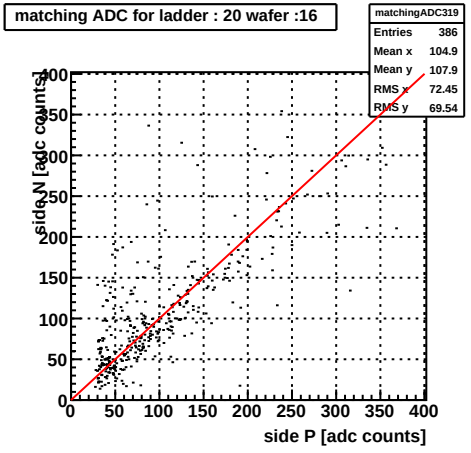

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1144
Mean x 81.71
Mean y 82.28
RMS x 62.5
RMS y 61.92
side N [adc counts]
side P [adc counts]

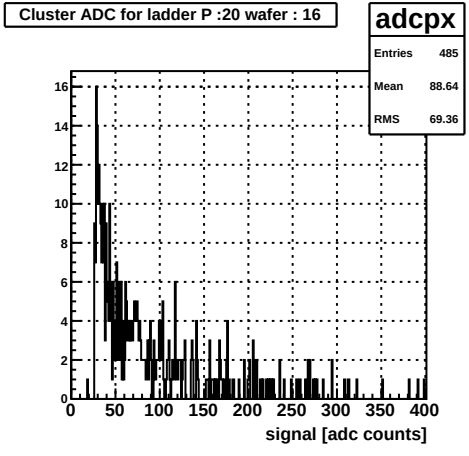

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7989
Mean 35.03
RMS 33.06
signal [adc counts]

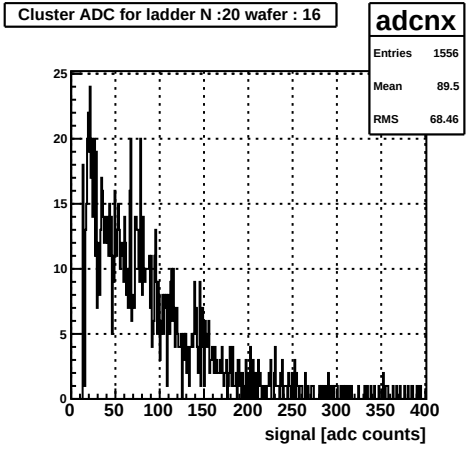

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2622
Mean 65.65
RMS 60.45
signal [adc counts]

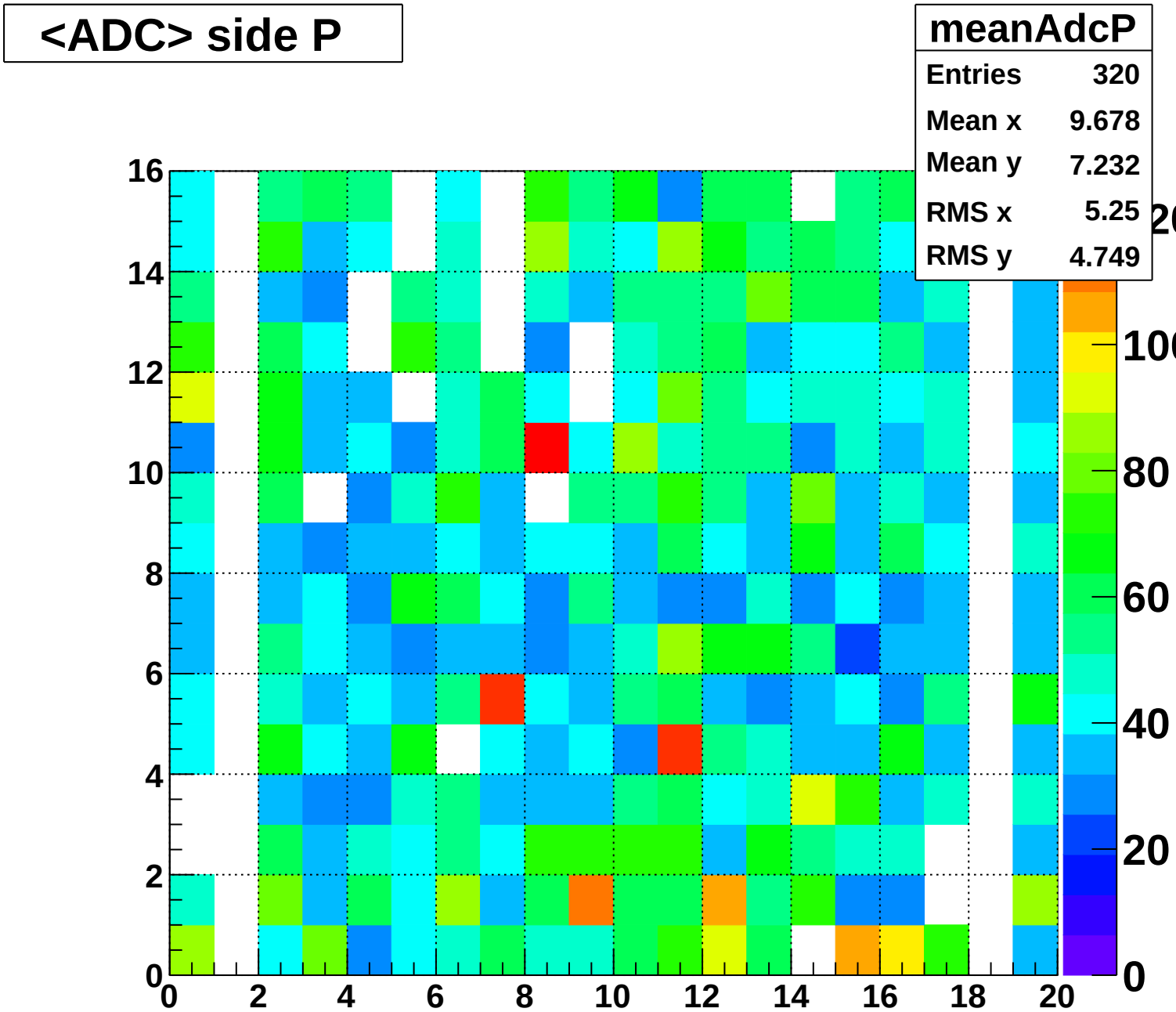

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 485
Mean 1.282
RMS 0.6861
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1556
Mean 1.648
RMS 0.8668
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 386
Mean x 104.9
Mean y 107.9
RMS x 72.45
RMS y 69.54
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 485
Mean 88.64
RMS 69.36
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1556
Mean 89.5
RMS 68.46
signal [adc counts]



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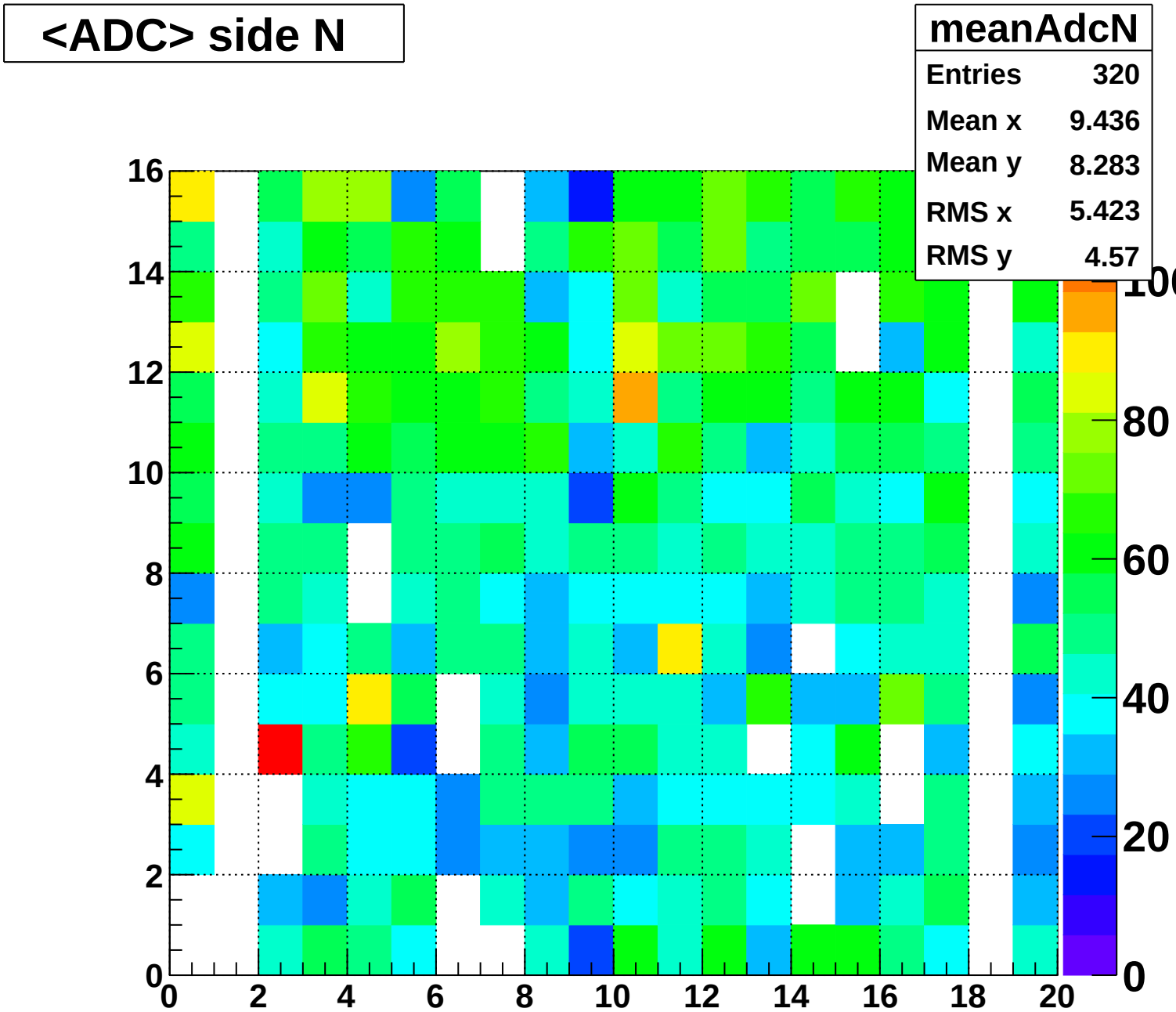

2016-05-19 20:59:03