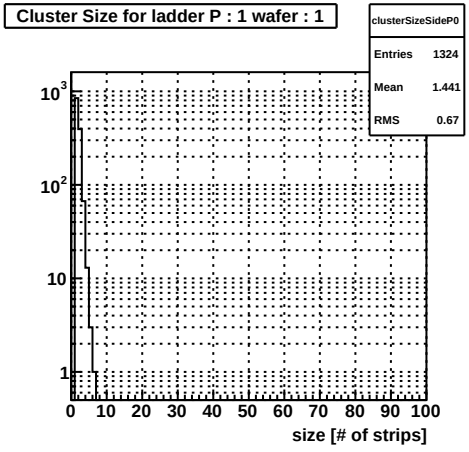
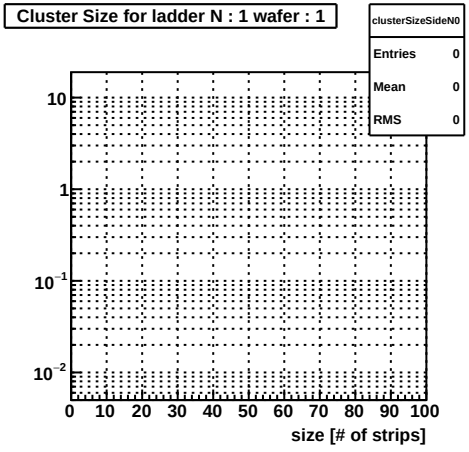
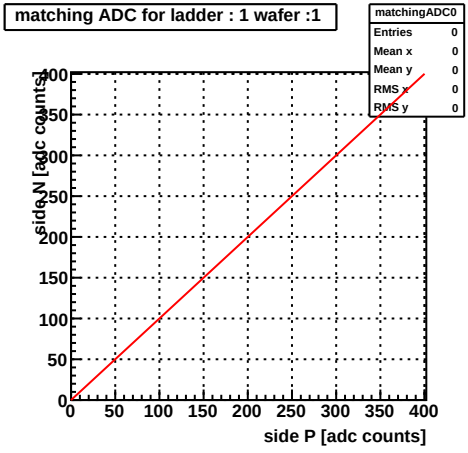
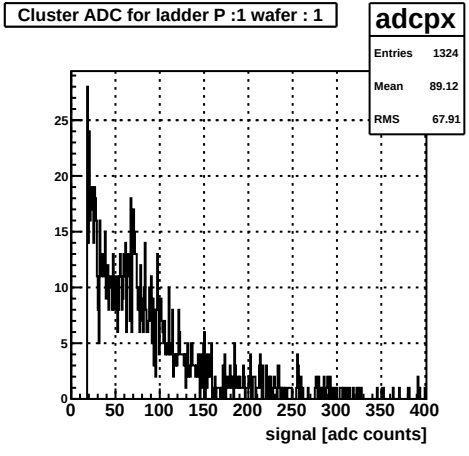
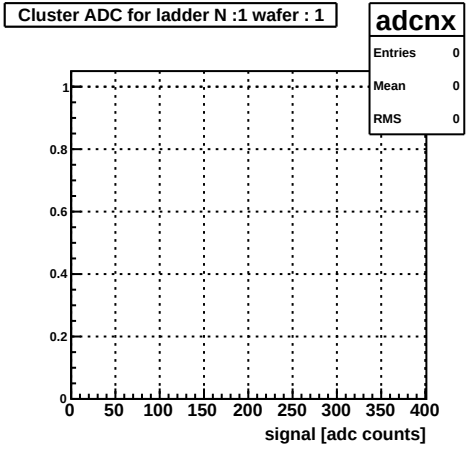
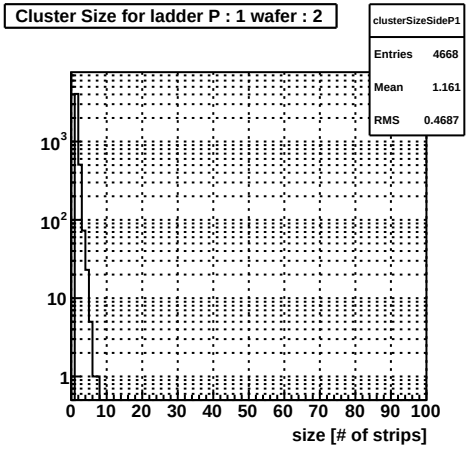

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1324
Mean 1.441
RMS 0.67
size [# of strips]

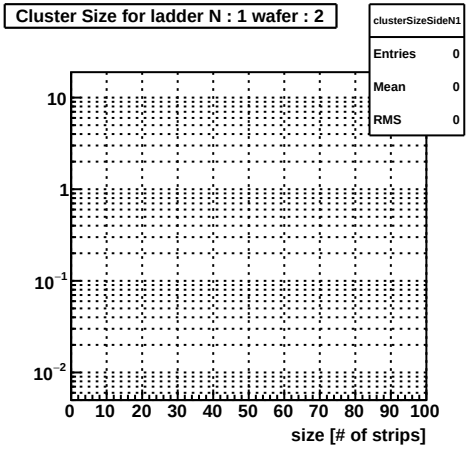

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

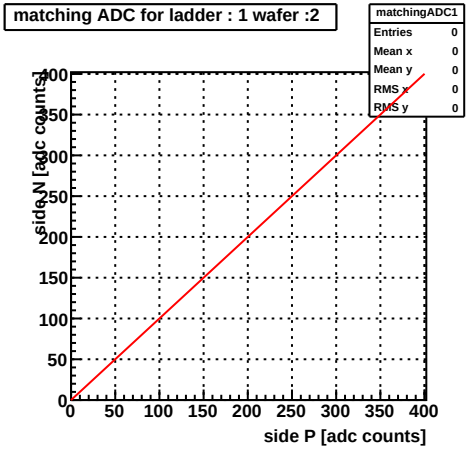

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

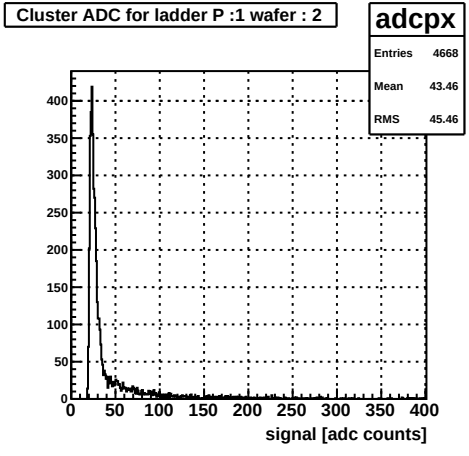

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1324
Mean 89.12
RMS 67.91
signal [adc counts]

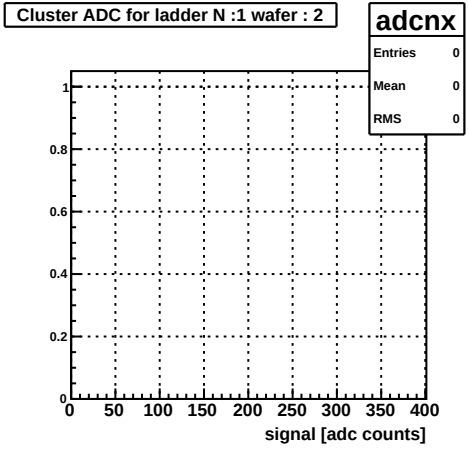

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

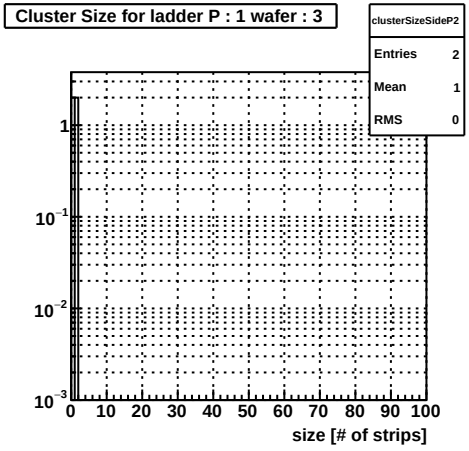

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4668
Mean 1.161
RMS 0.4687
size [# of strips]

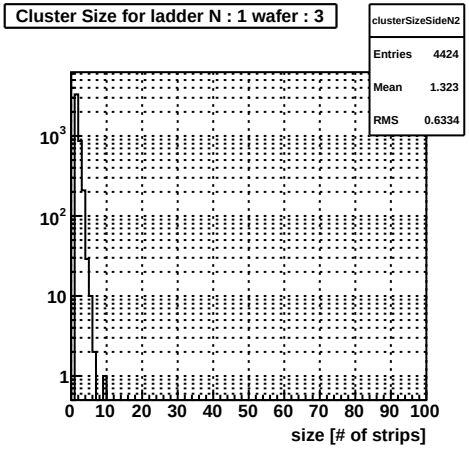

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

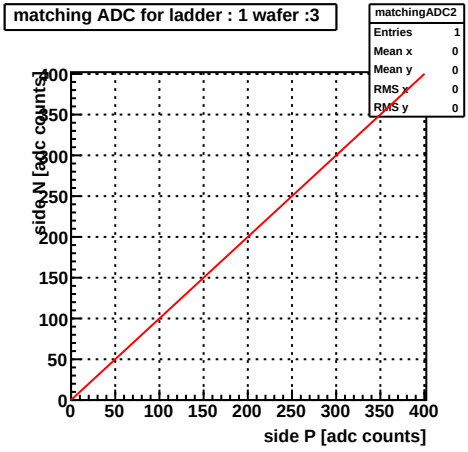

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

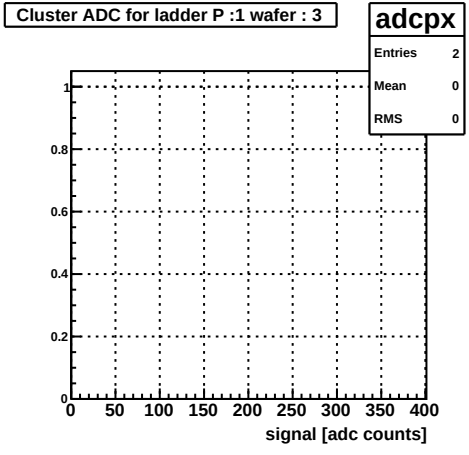

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4668
Mean 43.46
RMS 45.46
signal [adc counts]

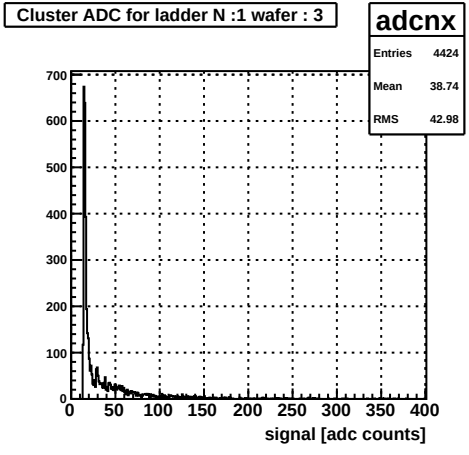

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

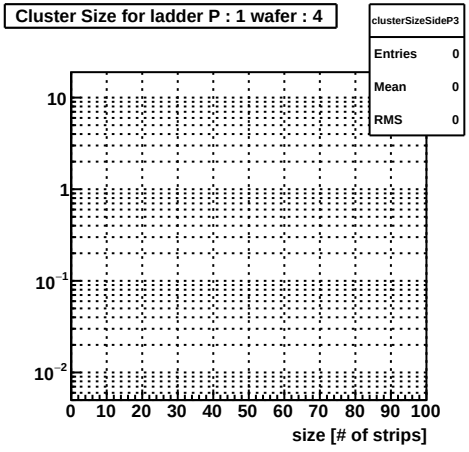

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

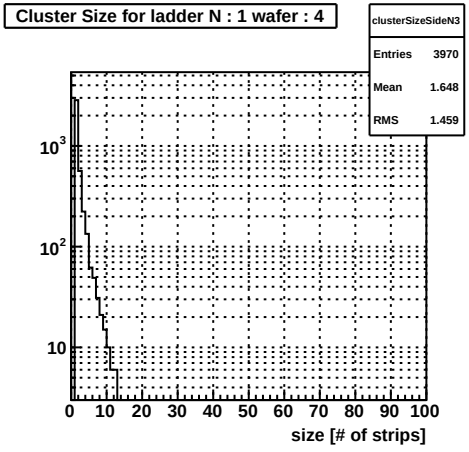

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4424
Mean 1.323
RMS 0.6334
size [# of strips]

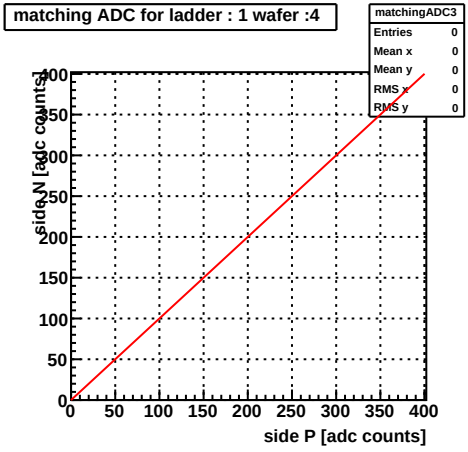

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

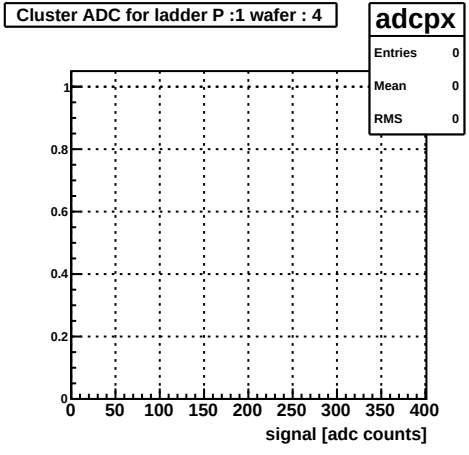

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

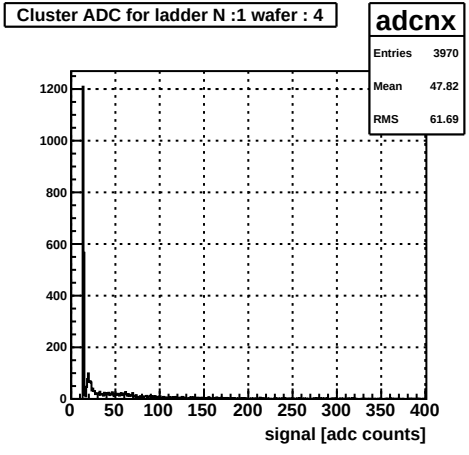

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4424
Mean 38.74
RMS 42.98
signal [adc counts]

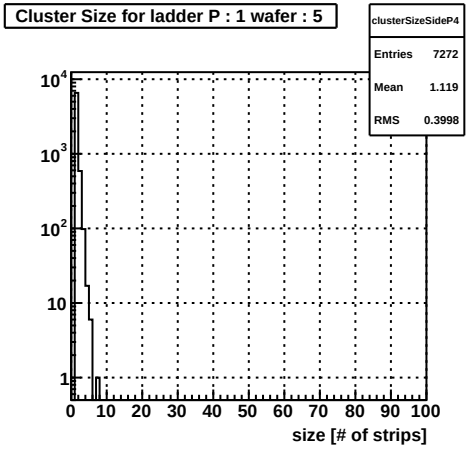

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

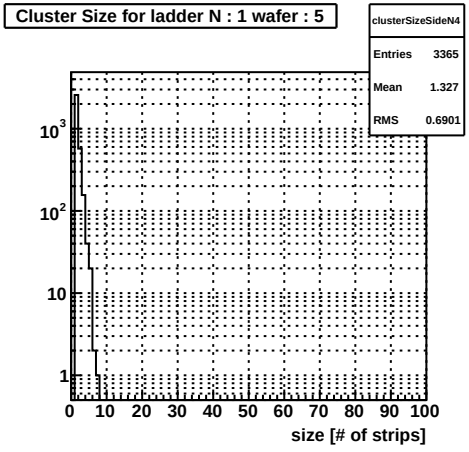

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3970
Mean 1.648
RMS 1.459
size [# of strips]

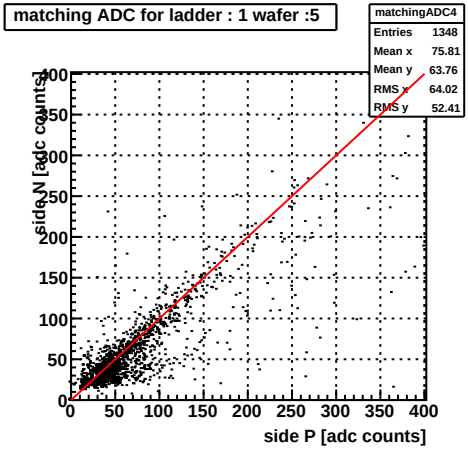

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

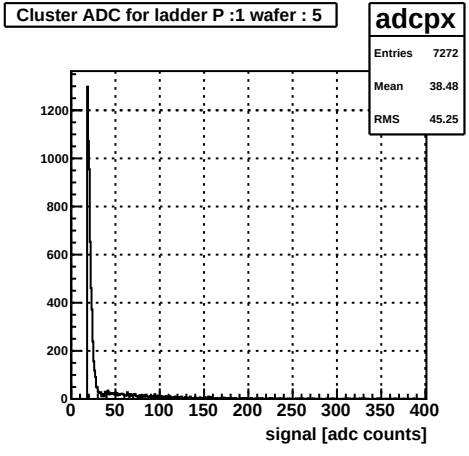

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

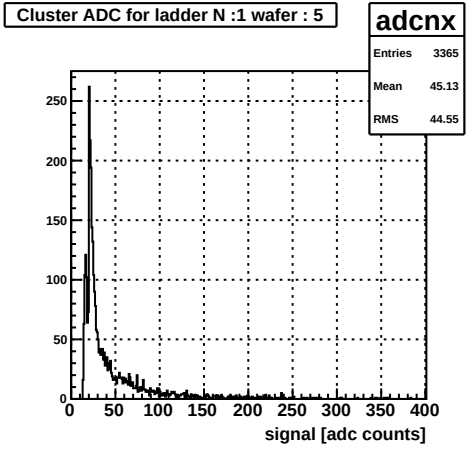

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3970
Mean 47.82
RMS 61.69
signal [adc counts]

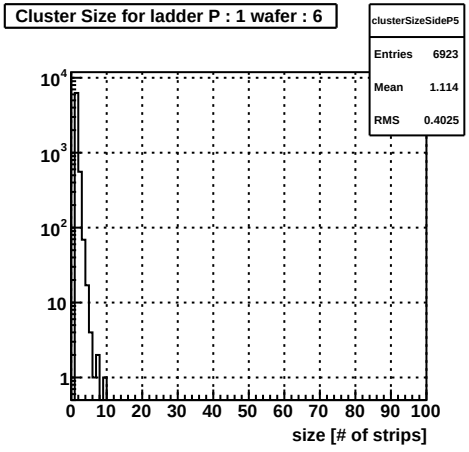

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7272
Mean 1.119
RMS 0.3998
size [# of strips]

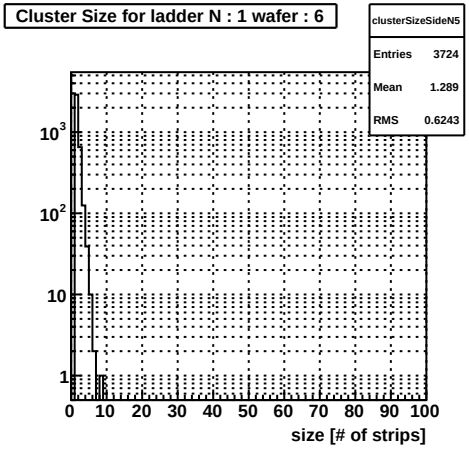

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3365
Mean 1.327
RMS 0.6901
size [# of strips]

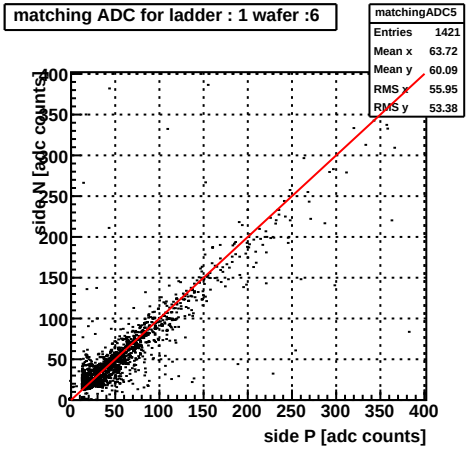

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1348
Mean x 75.81
Mean y 63.76
RMS x 64.02
RMS y 52.41
side N [adc counts]
side P [adc counts]

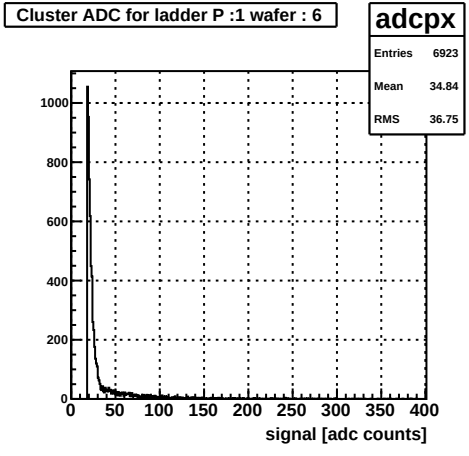

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7272
Mean 38.48
RMS 45.25
signal [adc counts]

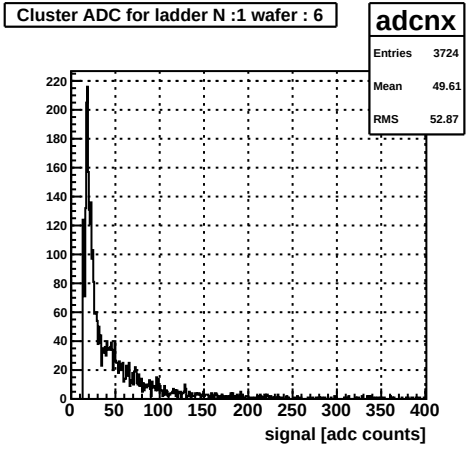

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3365
Mean 45.13
RMS 44.55
signal [adc counts]

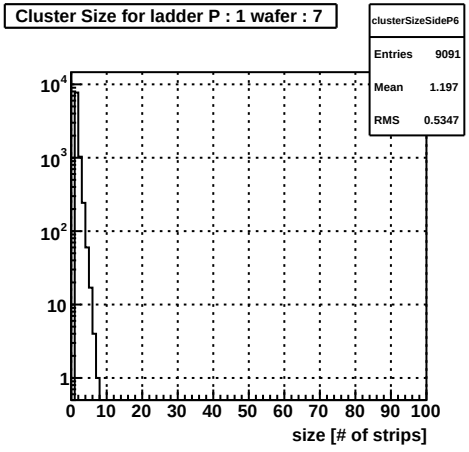

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6923
Mean 1.114
RMS 0.4025
size [# of strips]

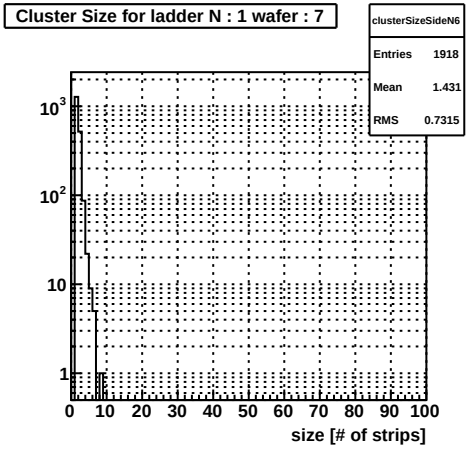

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3724
Mean 1.289
RMS 0.6243
size [# of strips]

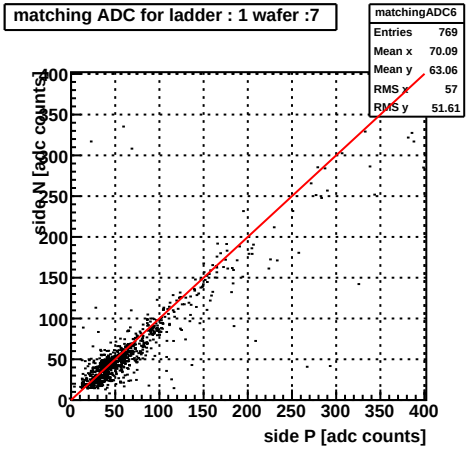

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1421
Mean x 63.72
Mean y 60.09
RMS x 55.95
RMS y 53.38
side N [adc counts]
side P [adc counts]

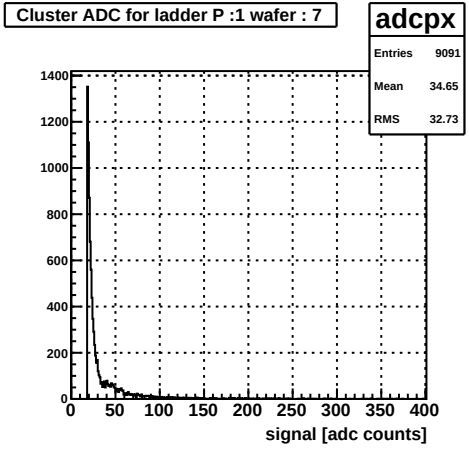

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6923
Mean 34.84
RMS 36.75
signal [adc counts]

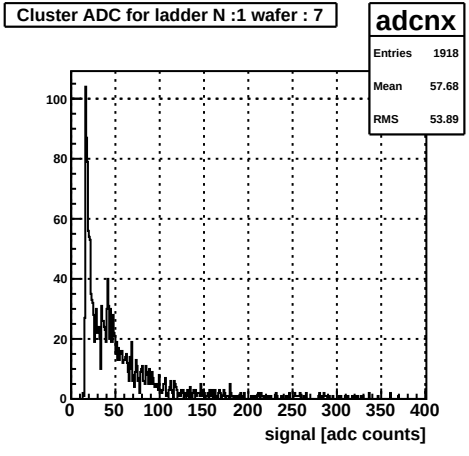

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3724
Mean 49.61
RMS 52.87
signal [adc counts]

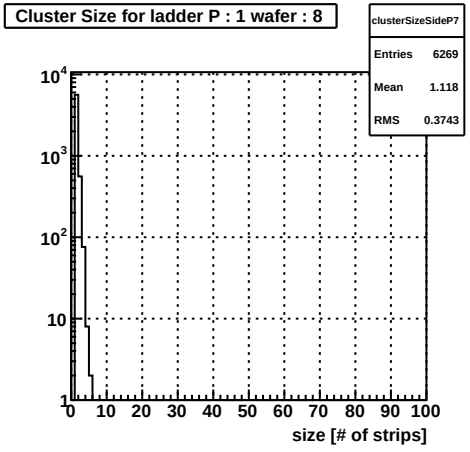

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9091
Mean 1.197
RMS 0.5347
size [# of strips]

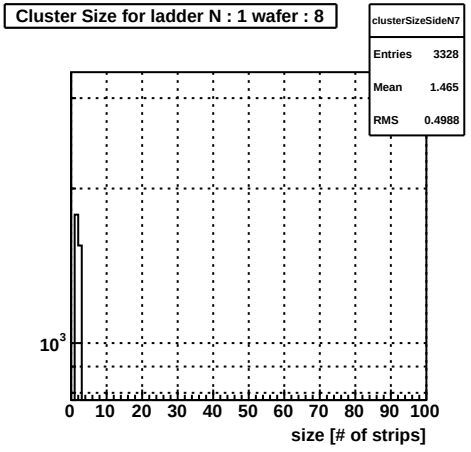

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1918
Mean 1.431
RMS 0.7315
size [# of strips]

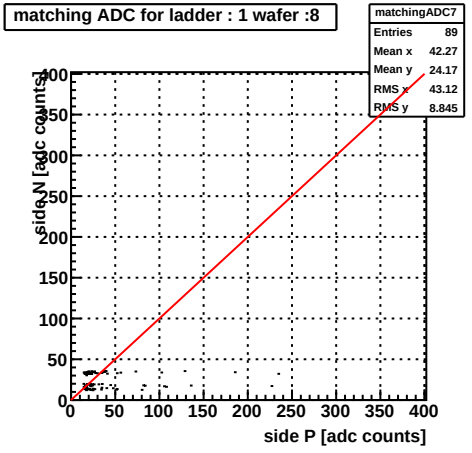

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 769
Mean x 70.09
Mean y 63.06
RMS x 57
RMS y 51.61
side N [adc counts]
side P [adc counts]

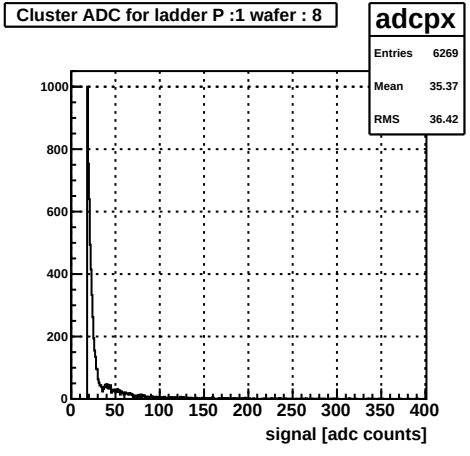

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9091
Mean 34.65
RMS 32.73
signal [adc counts]

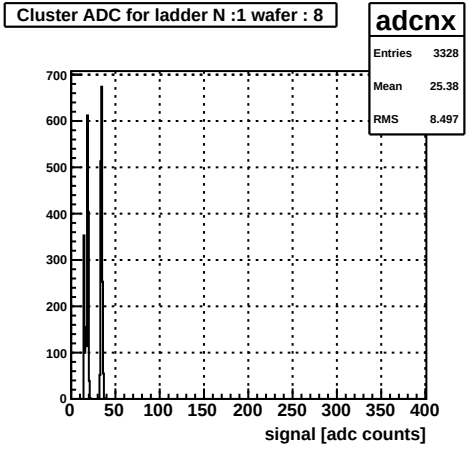

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1918
Mean 57.68
RMS 53.89
signal [adc counts]

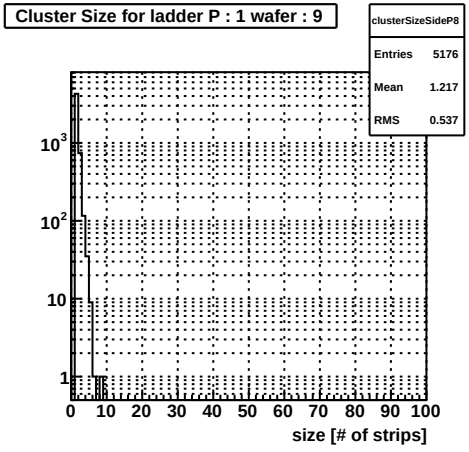

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6269
Mean 1.118
RMS 0.3743
size [# of strips]

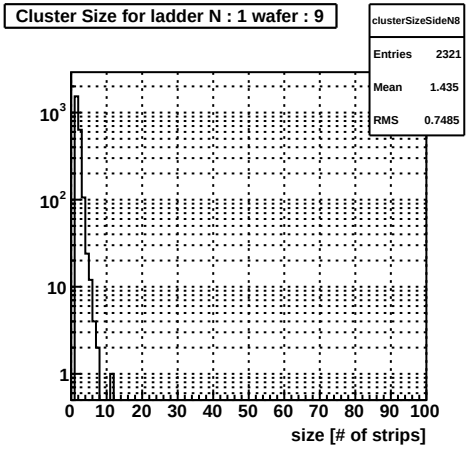

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3328
Mean 1.465
RMS 0.4988
size [# of strips]

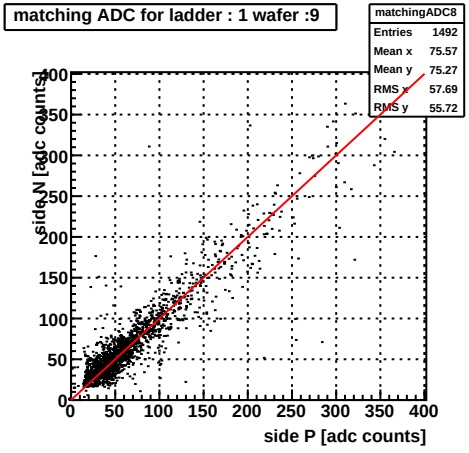

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 89
Mean x 42.27
Mean y 24.17
RMS x 43.12
RMS y 8.845
side N [adc counts]
side P [adc counts]

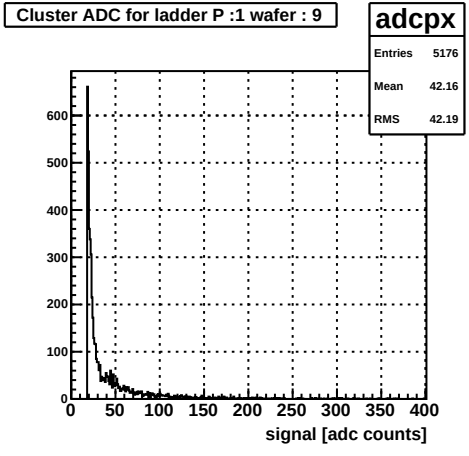

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6269
Mean 35.37
RMS 36.42
signal [adc counts]

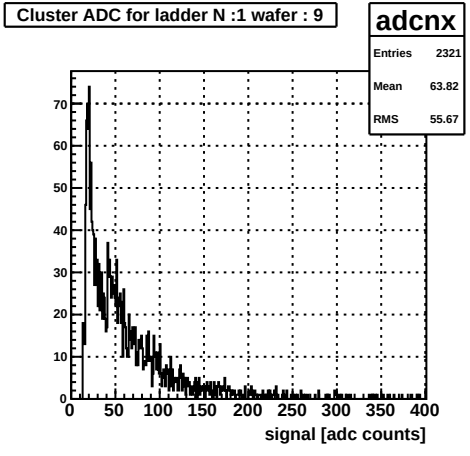

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3328
Mean 25.38
RMS 8.497
signal [adc counts]

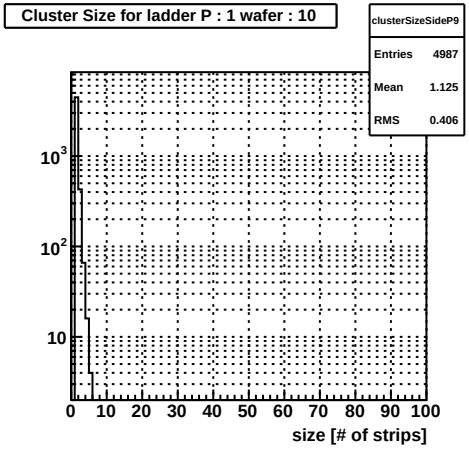

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5176
Mean 1.217
RMS 0.537
size [# of strips]

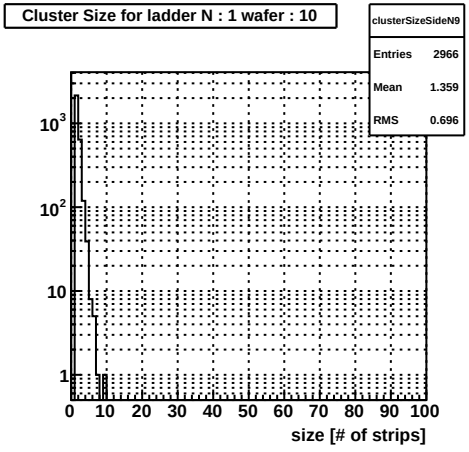

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2321
Mean 1.435
RMS 0.7485
size [# of strips]

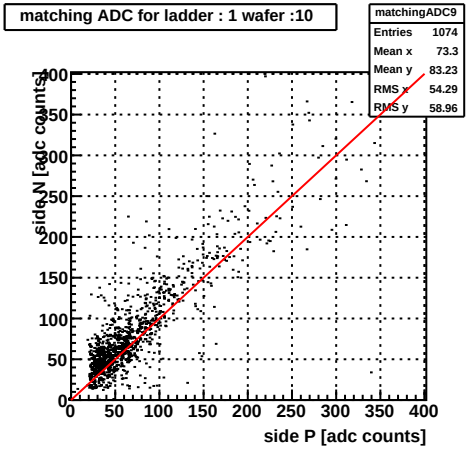

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1492
Mean x 75.57
Mean y 75.27
RMS x 57.69
RMS y 55.72
side N [adc counts]
side P [adc counts]

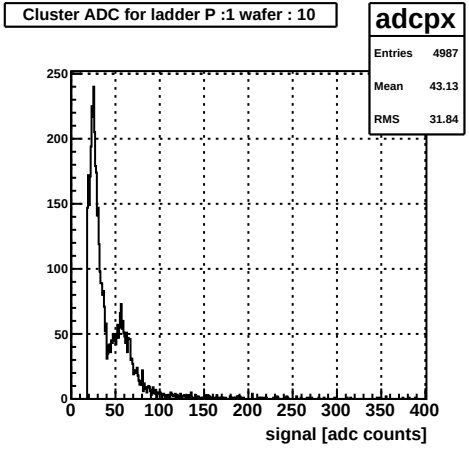

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5176
Mean 42.16
RMS 42.19
signal [adc counts]

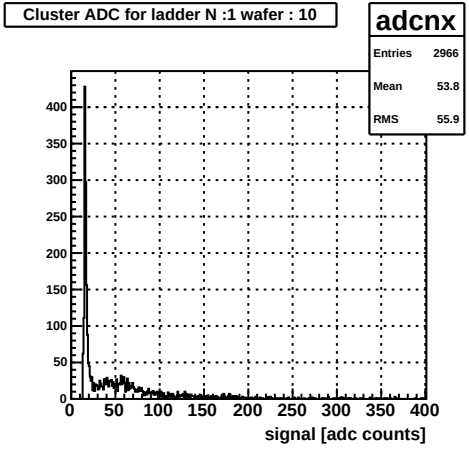

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2321
Mean 63.82
RMS 55.67
signal [adc counts]

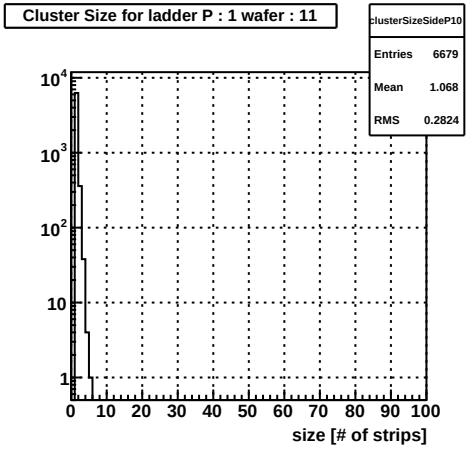

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4987
Mean 1.125
RMS 0.406
size [# of strips]

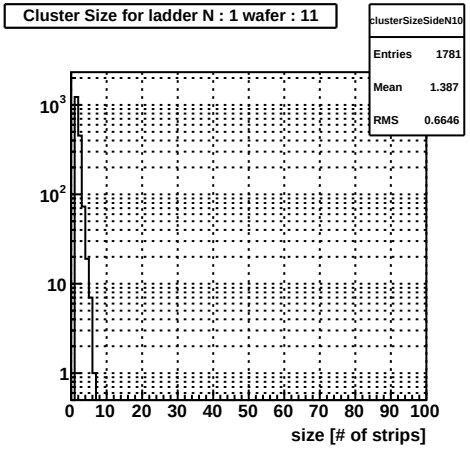

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2966
Mean 1.359
RMS 0.696
size [# of strips]

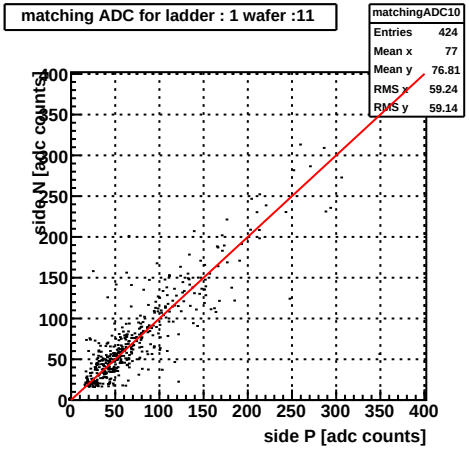

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1074
Mean x 73.3
Mean y 83.23
RMS x 54.29
RMS y 58.96
side N [adc counts]
side P [adc counts]

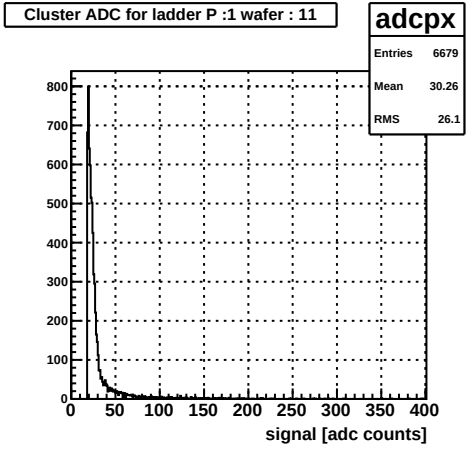

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4987
Mean 43.13
RMS 31.84
signal [adc counts]

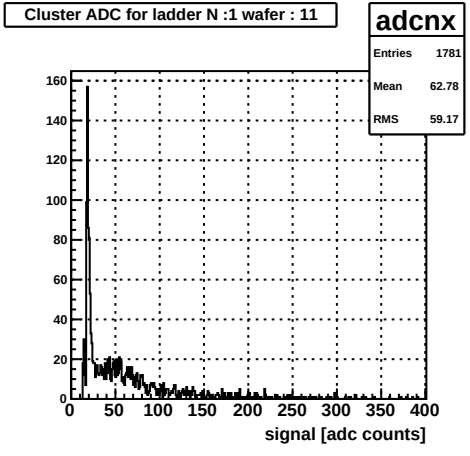

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2966
Mean 53.8
RMS 55.9
signal [adc counts]

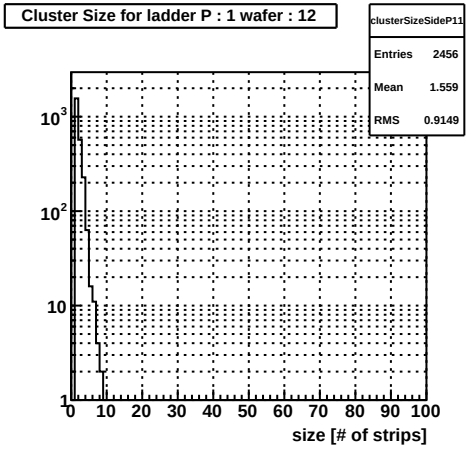

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6679
Mean 1.068
RMS 0.2824
size [# of strips]

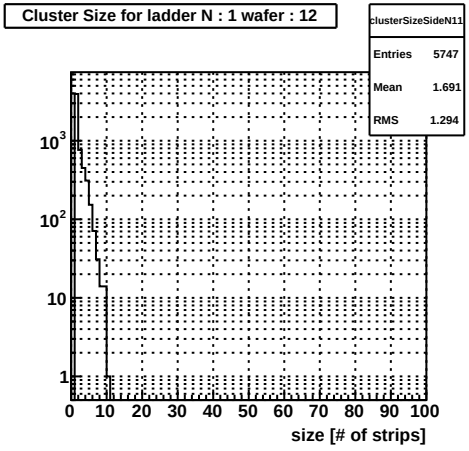

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1781
Mean 1.387
RMS 0.6646
size [# of strips]

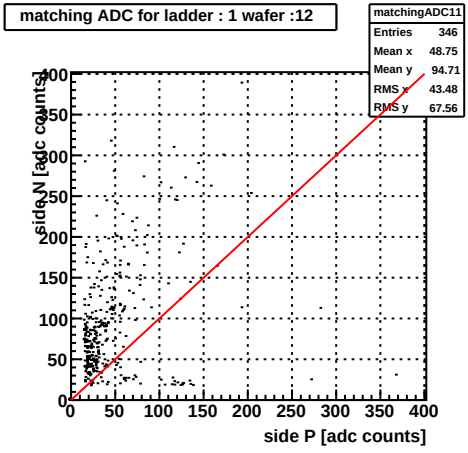

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 424
Mean x 77
Mean y 76.81
RMS x 59.24
RMS y 59.14
side N [adc counts]
side P [adc counts]

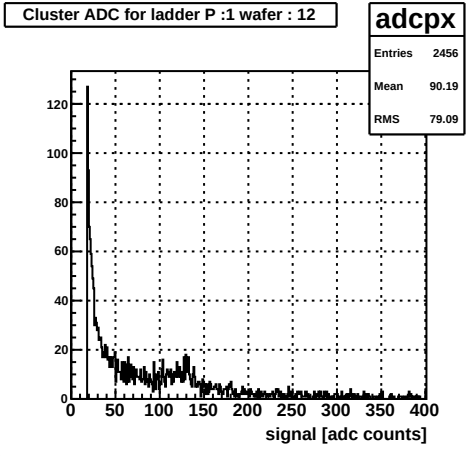

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6679
Mean 30.26
RMS 26.1
signal [adc counts]

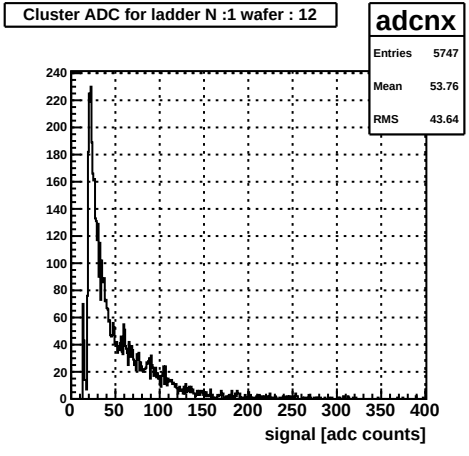

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1781
Mean 62.78
RMS 59.17
signal [adc counts]

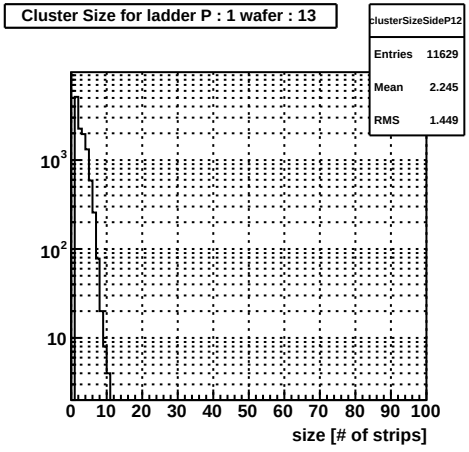

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2456
Mean 1.559
RMS 0.9149
size [# of strips]

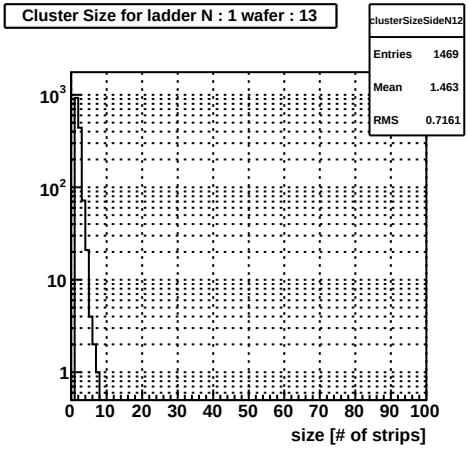

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5747
Mean 1.691
RMS 1.294
size [# of strips]

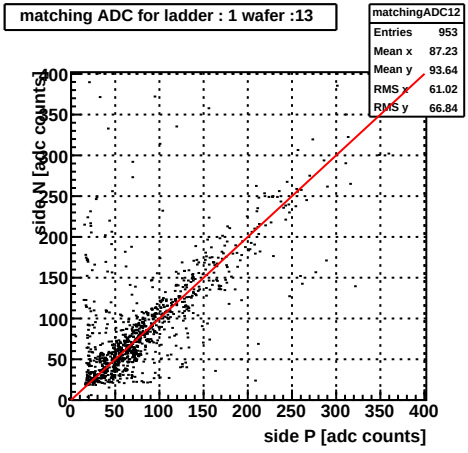

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 346
Mean x 48.75
Mean y 94.71
RMS x 43.48
RMS y 67.56
side N [adc counts]
side P [adc counts]

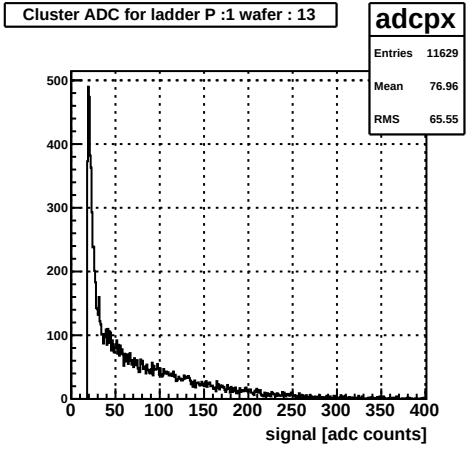

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2456
Mean 90.19
RMS 79.09
signal [adc counts]

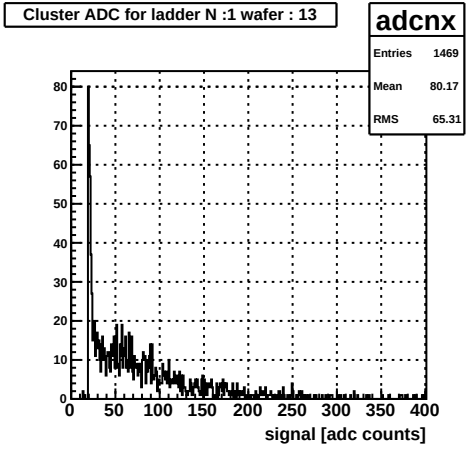

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5747
Mean 53.76
RMS 43.64
signal [adc counts]

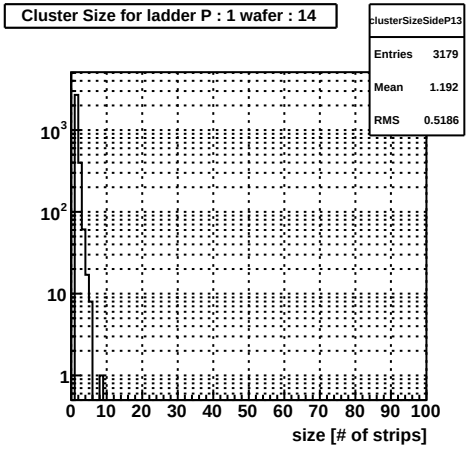

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11629
Mean 2.245
RMS 1.449
size [# of strips]

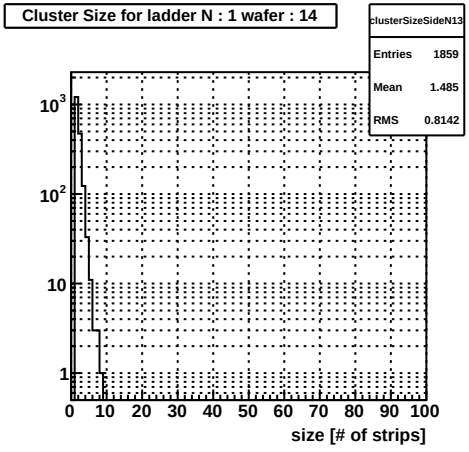

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1469
Mean 1.463
RMS 0.7161
size [# of strips]

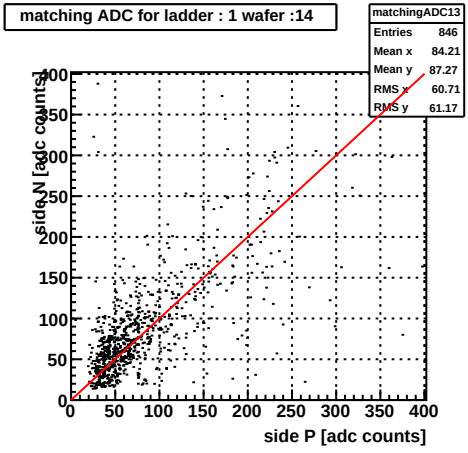

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 953
Mean x 87.23
Mean y 93.64
RMS x 61.02
RMS y 66.84
side N [adc counts]
side P [adc counts]

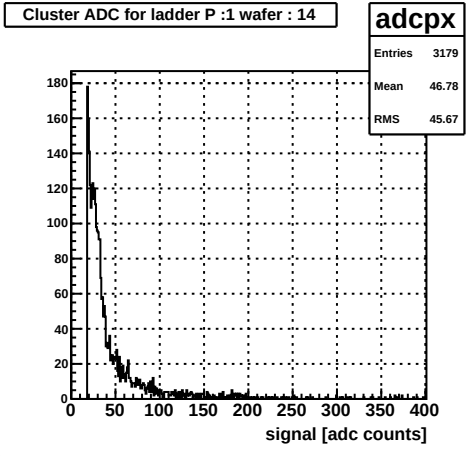

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11629
Mean 76.96
RMS 65.55
signal [adc counts]

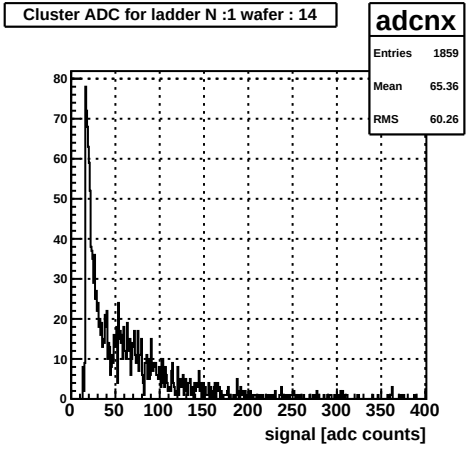

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1469
Mean 80.17
RMS 65.31
signal [adc counts]

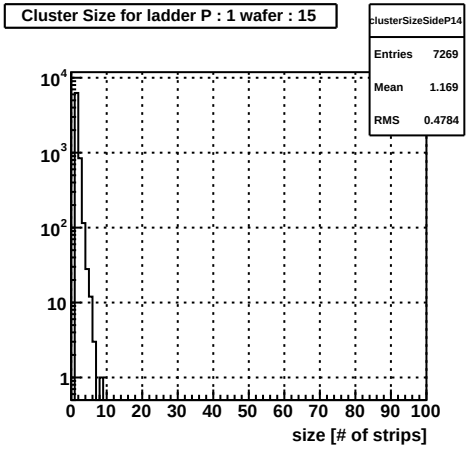

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3179
Mean 1.192
RMS 0.5186
size [# of strips]

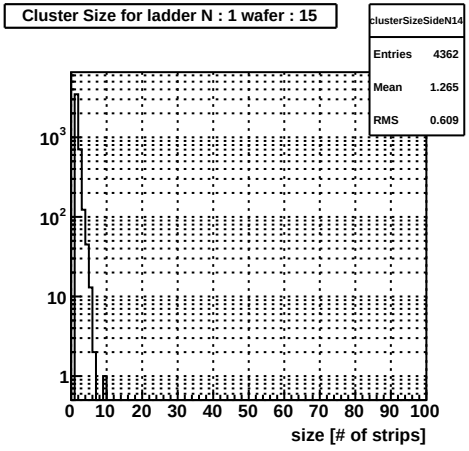

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1859
Mean 1.485
RMS 0.8142
size [# of strips]

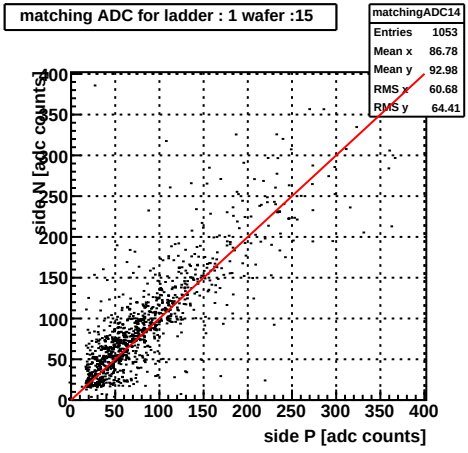

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 846
Mean x 84.21
Mean y 87.27
RMS x 60.71
RMS y 61.17
side N [adc counts]
side P [adc counts]

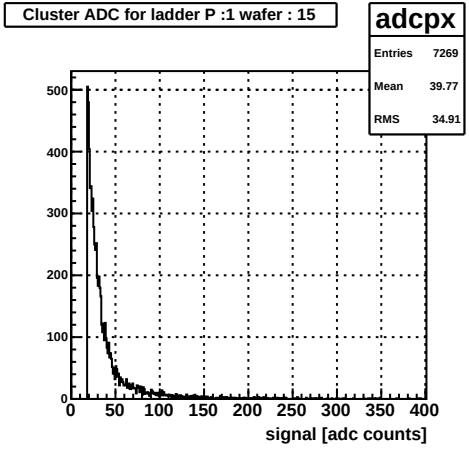

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3179
Mean 46.78
RMS 45.67
signal [adc counts]

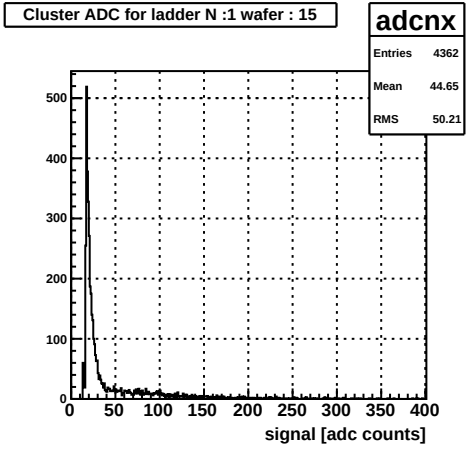

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1859
Mean 65.36
RMS 60.26
signal [adc counts]

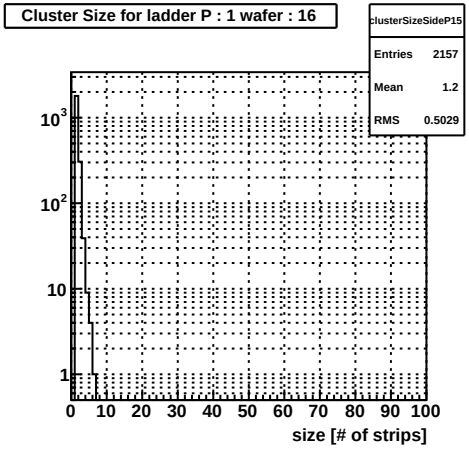

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7269
Mean 1.169
RMS 0.4784
size [# of strips]

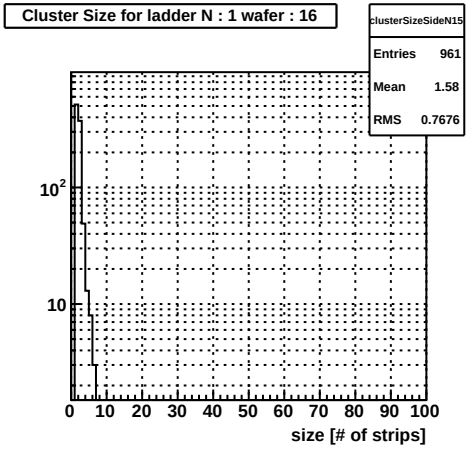

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4362
Mean 1.265
RMS 0.609
size [# of strips]

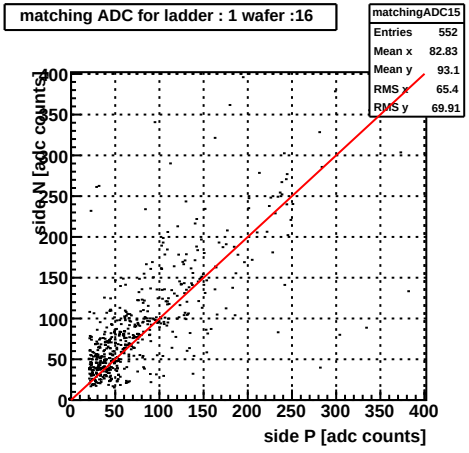

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1053
Mean x 86.78
Mean y 92.98
RMS x 60.68
RMS y 64.41
side N [adc counts]
side P [adc counts]

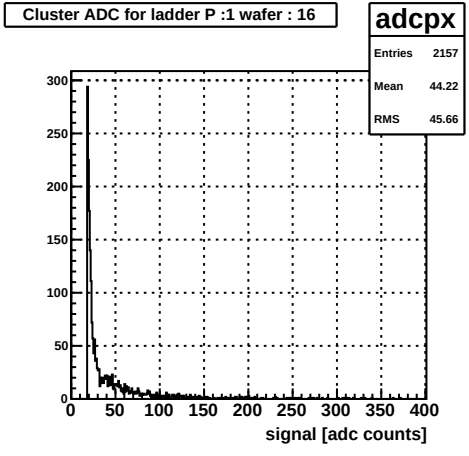

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7269
Mean 39.77
RMS 34.91
signal [adc counts]

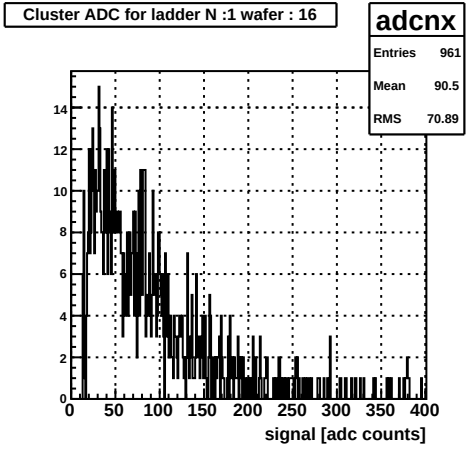

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4362
Mean 44.65
RMS 50.21
signal [adc counts]

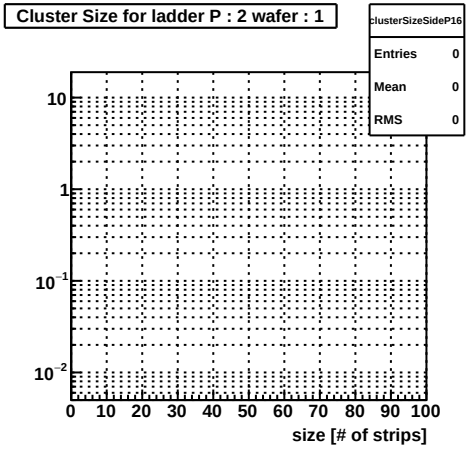

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2157
Mean 1.2
RMS 0.5029
size [# of strips]

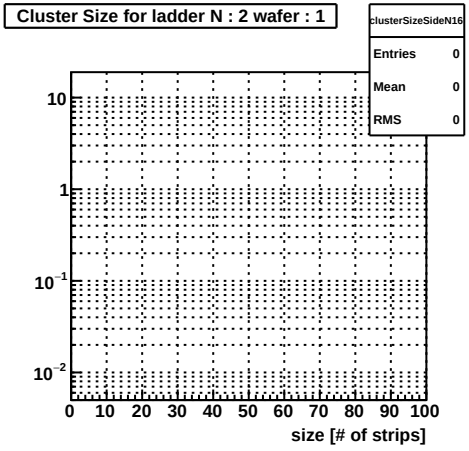

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 961
Mean 1.58
RMS 0.7676
size [# of strips]

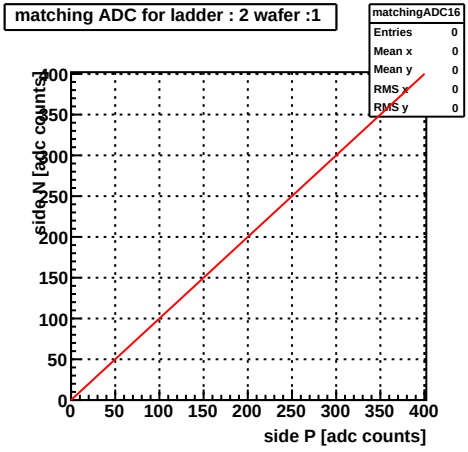

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 552
Mean x 82.83
Mean y 93.1
RMS x 65.4
RMS y 69.91
side N [adc counts]
side P [adc counts]

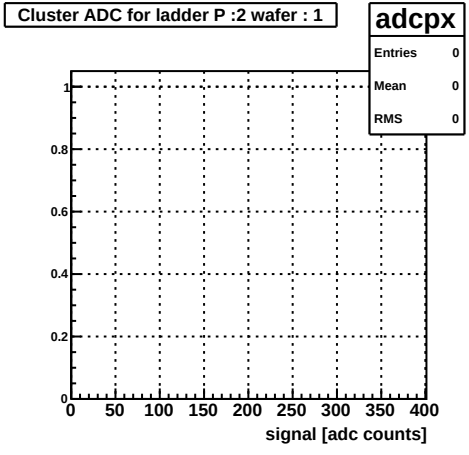

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2157
Mean 44.22
RMS 45.66
signal [adc counts]

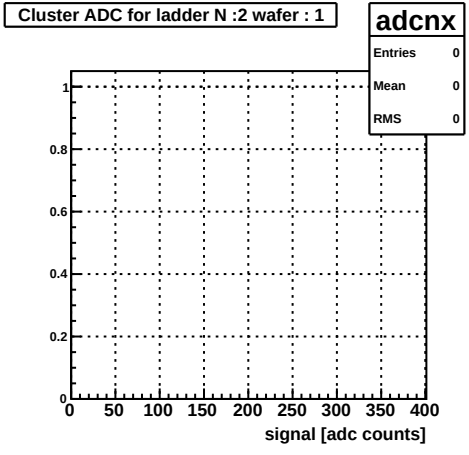

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 961
Mean 90.5
RMS 70.89
signal [adc counts]

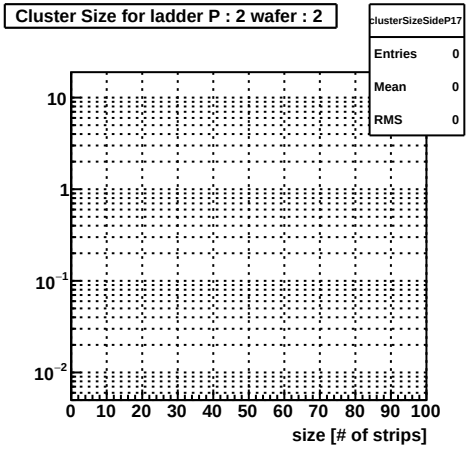

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

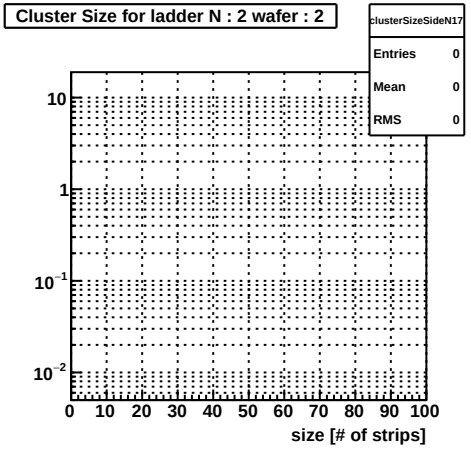

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

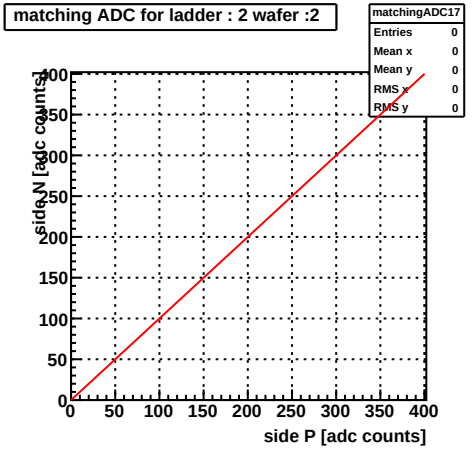

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

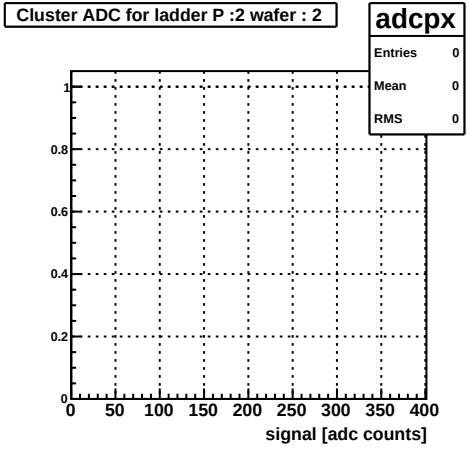

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

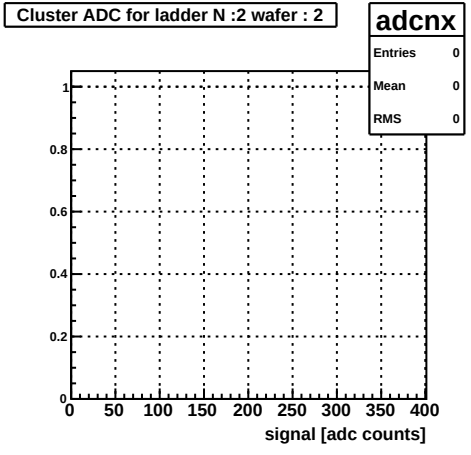

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

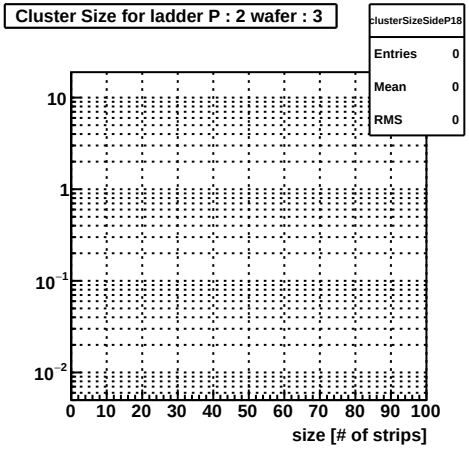

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

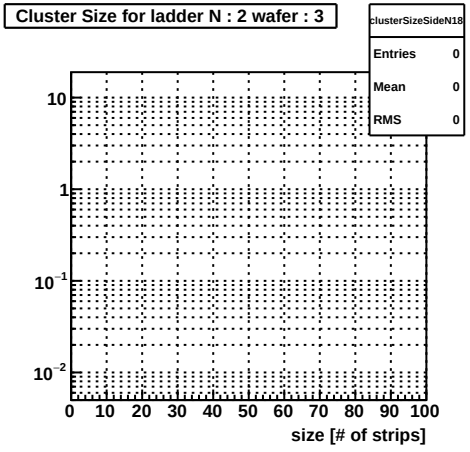

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

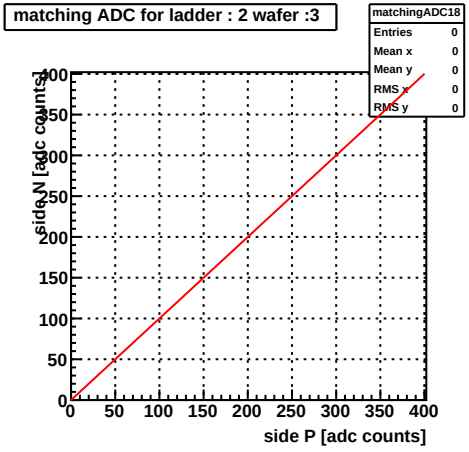

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

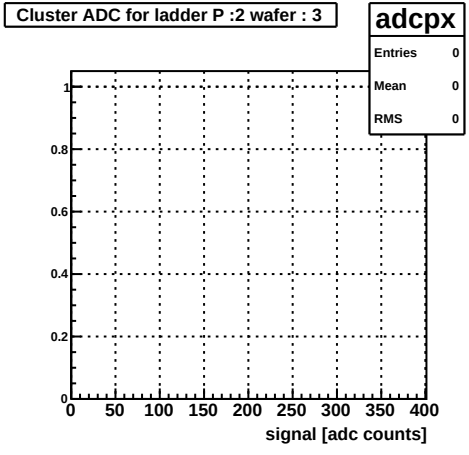

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

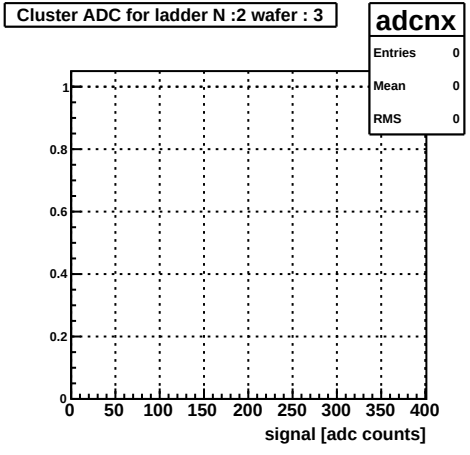

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

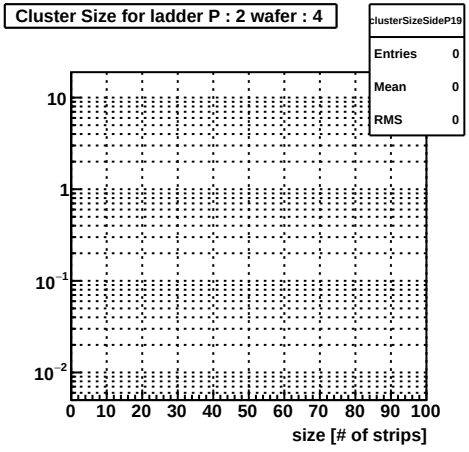

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

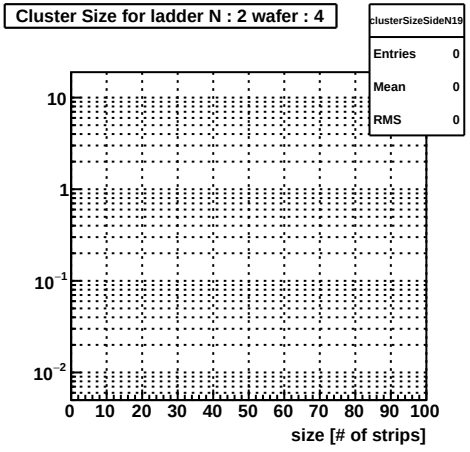

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

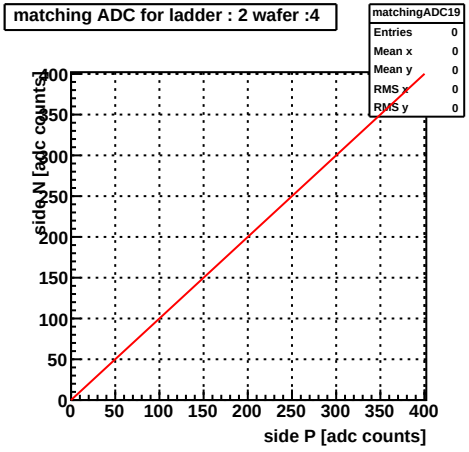

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

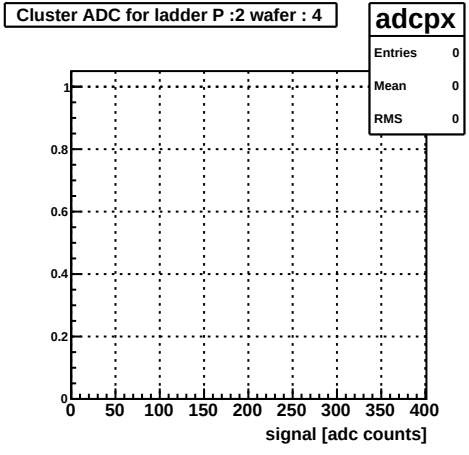

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

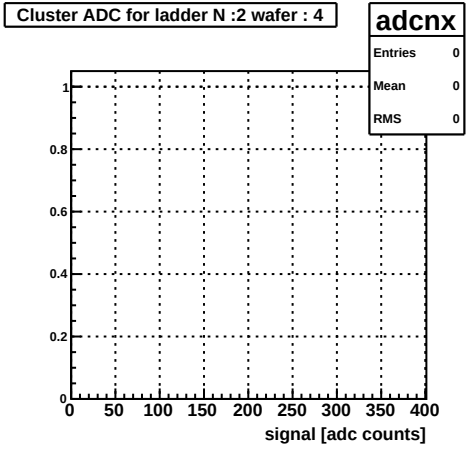

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

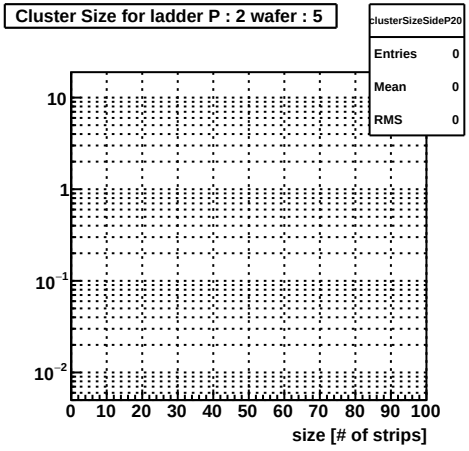

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

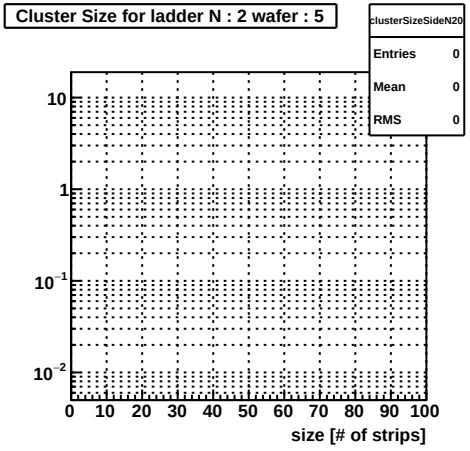

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

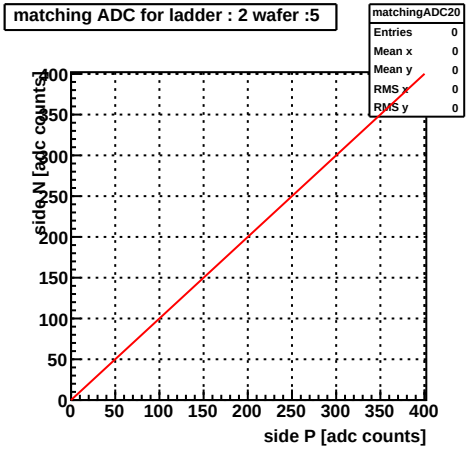

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

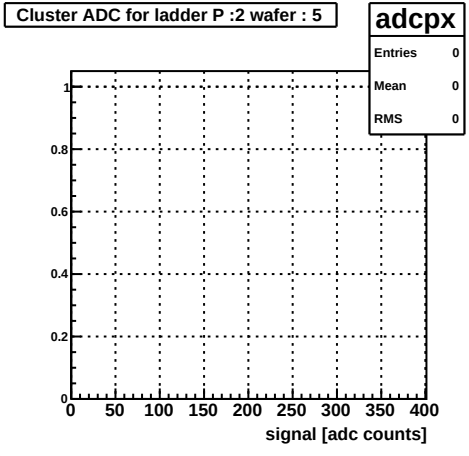

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

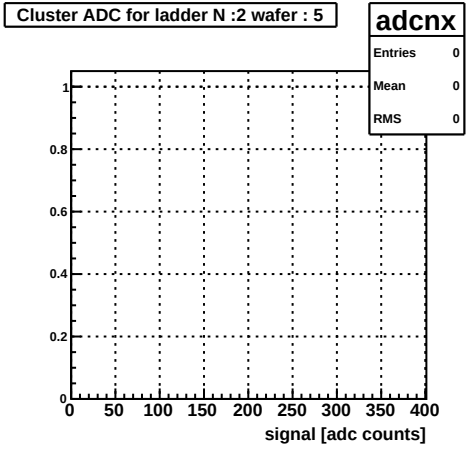

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

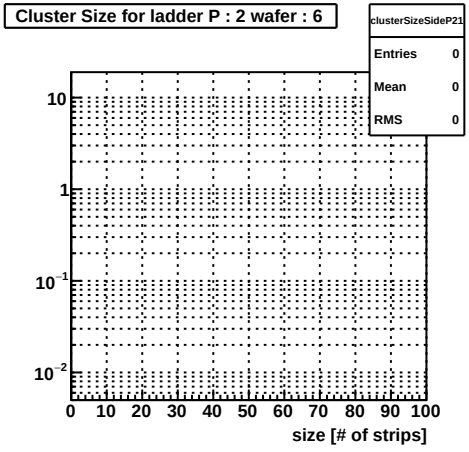

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

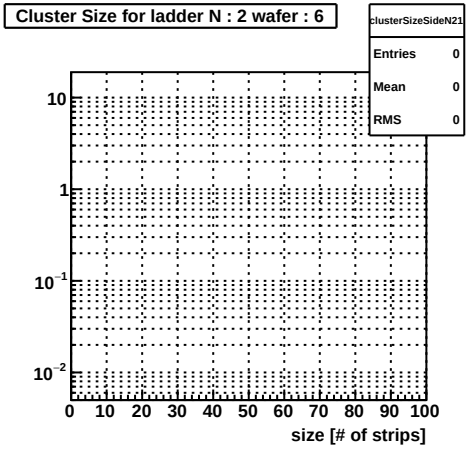

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

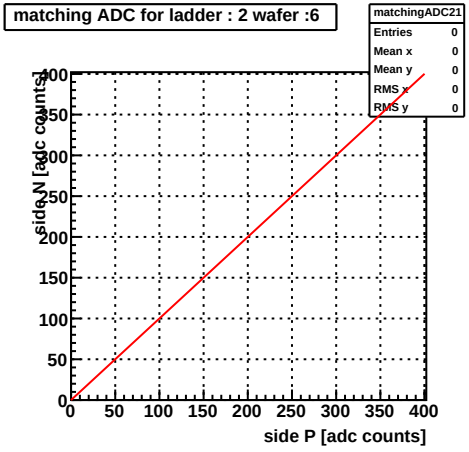

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

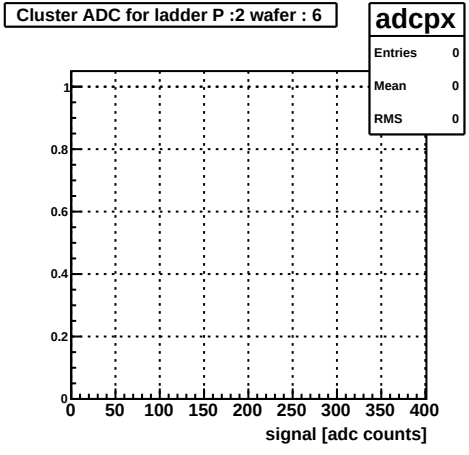

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

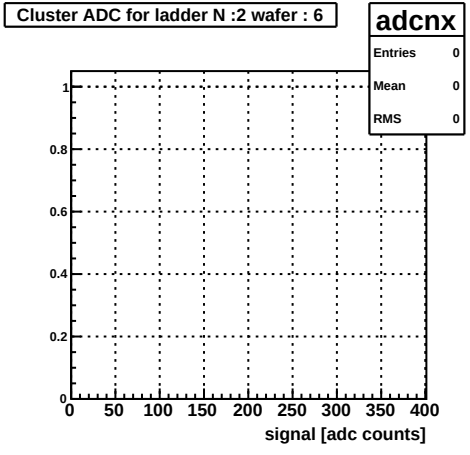

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

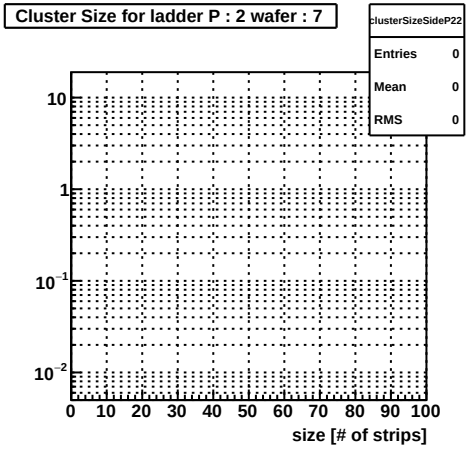

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

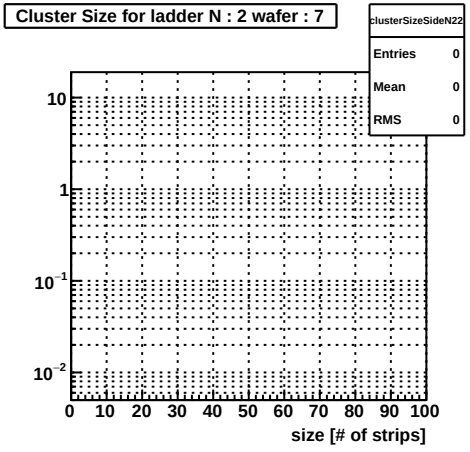

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

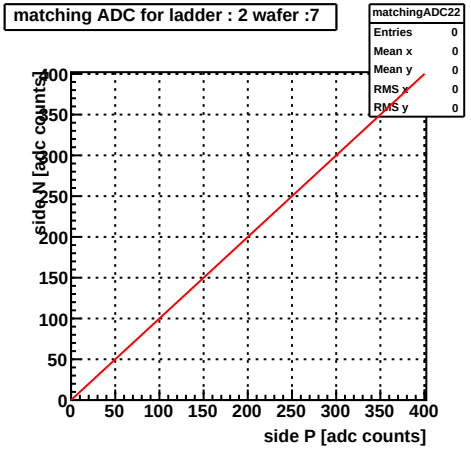

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

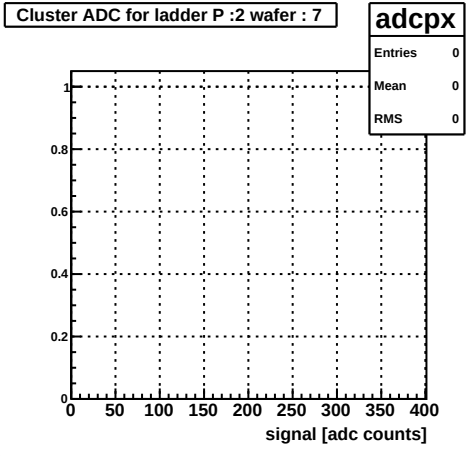

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

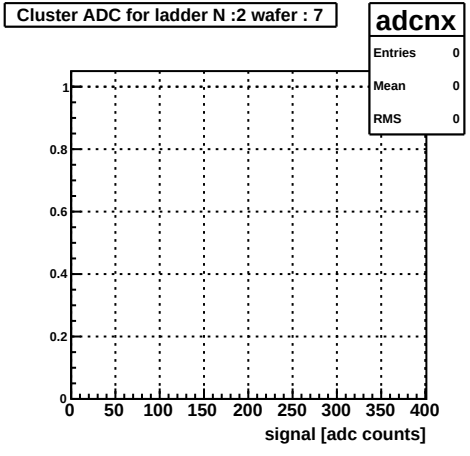

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

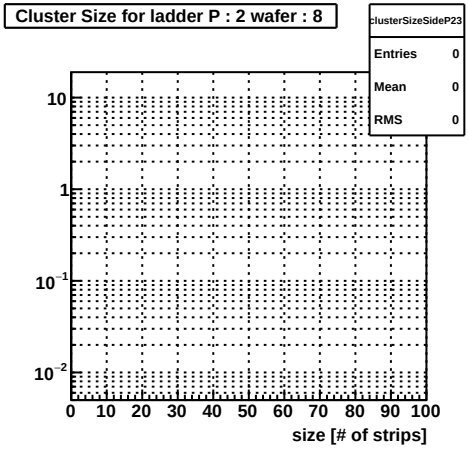

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

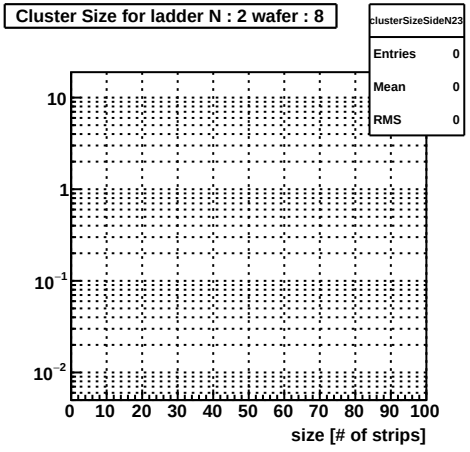

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

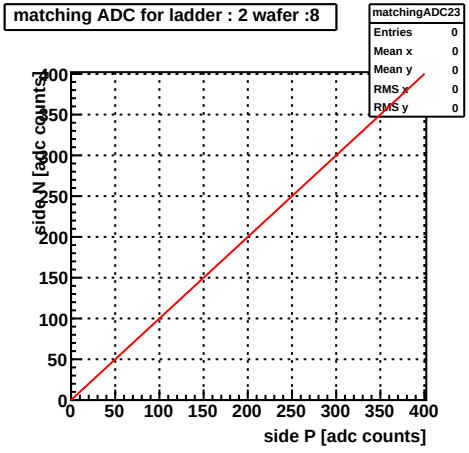

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

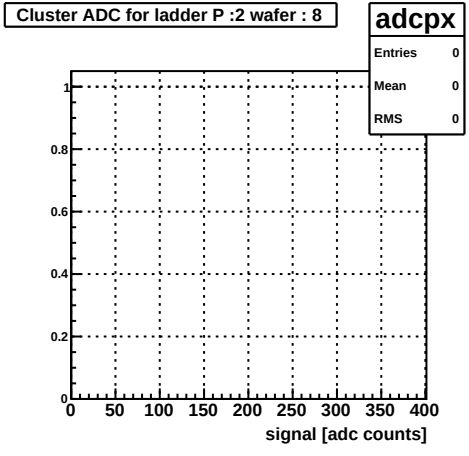

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

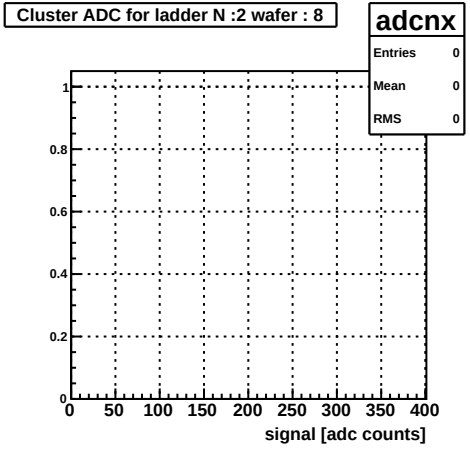

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

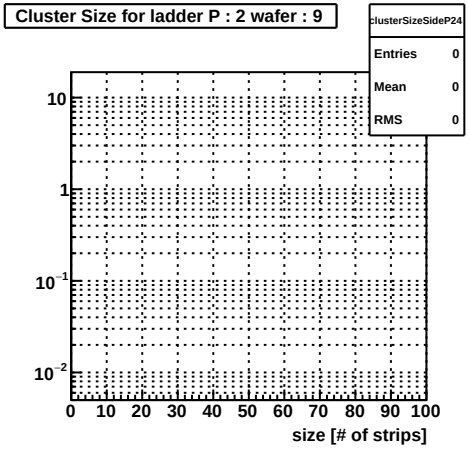

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

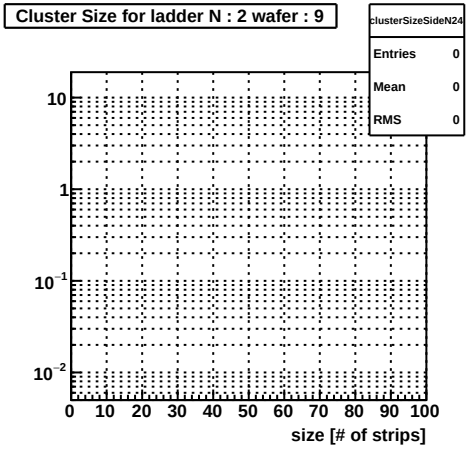

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

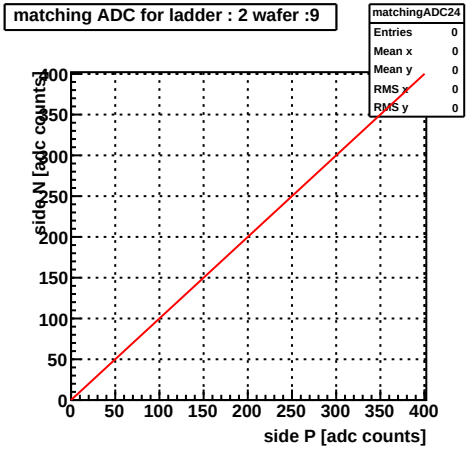

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

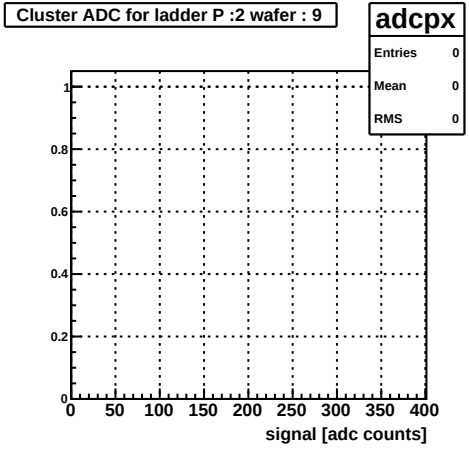

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

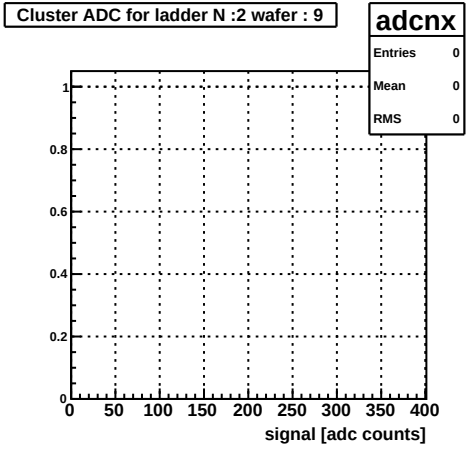

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

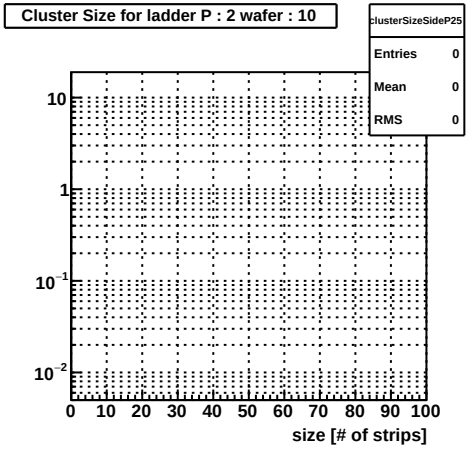

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

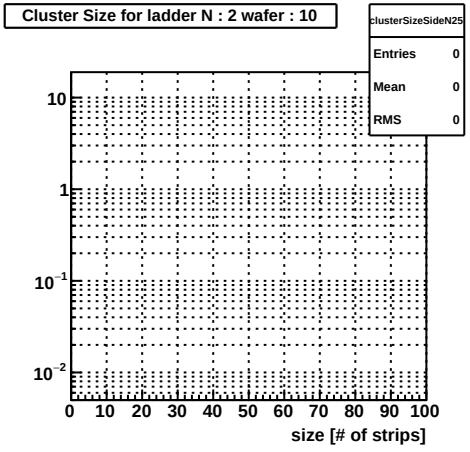

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

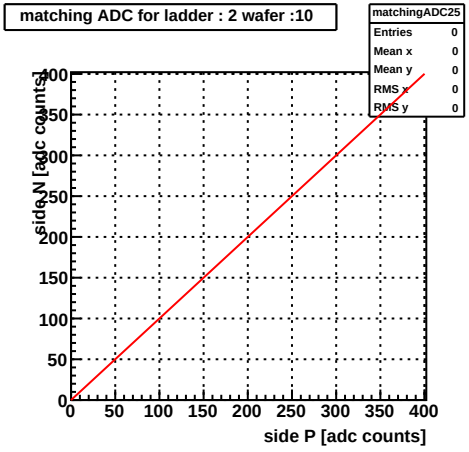

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

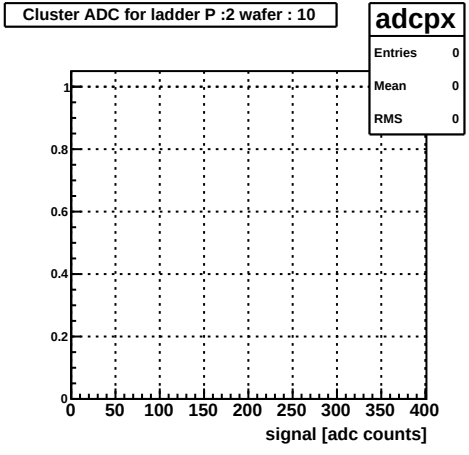

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

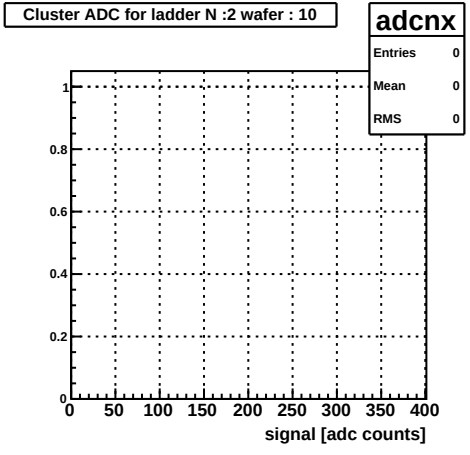

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

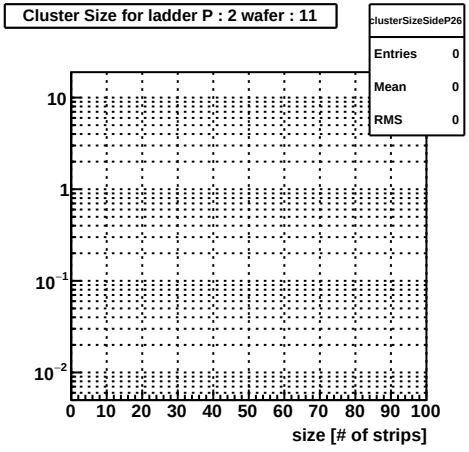

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

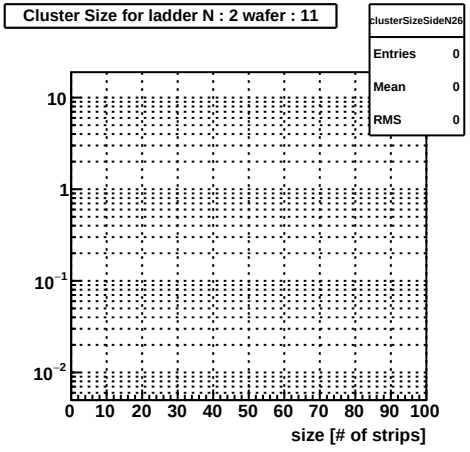

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

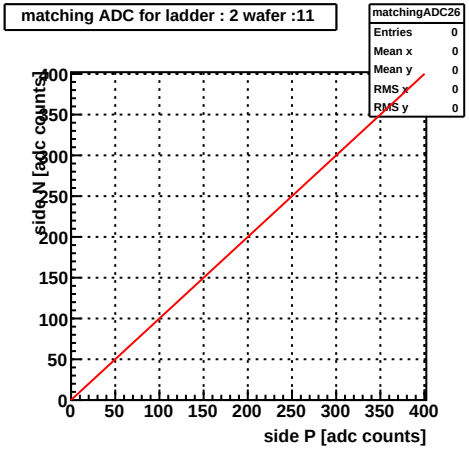

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

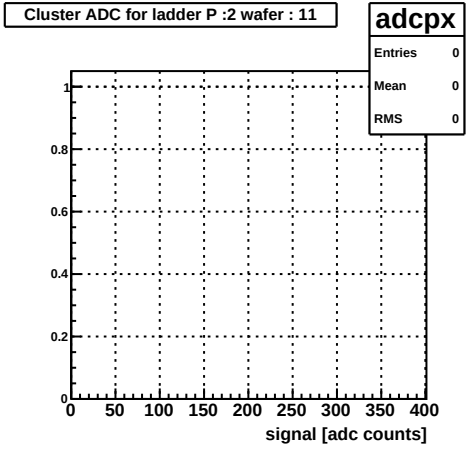

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

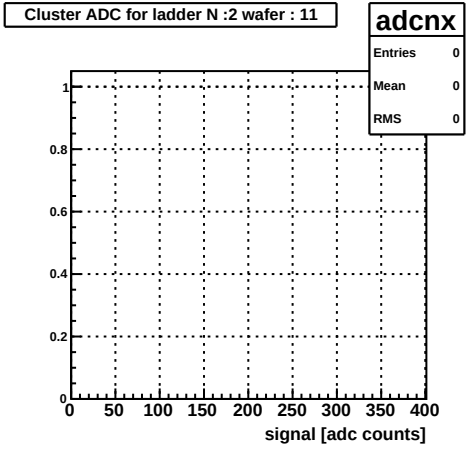

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

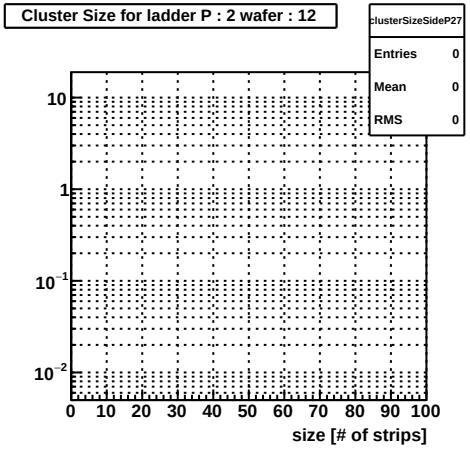

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

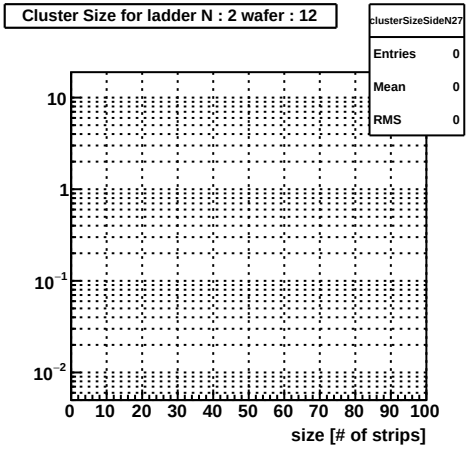

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

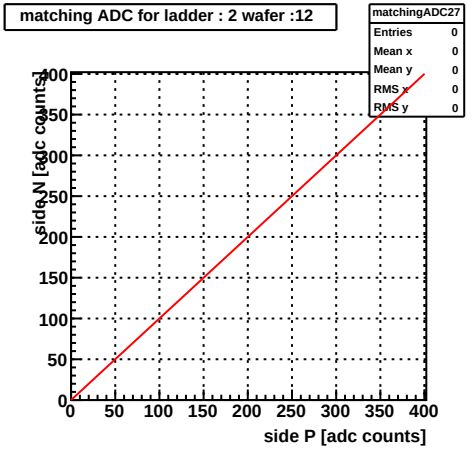

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

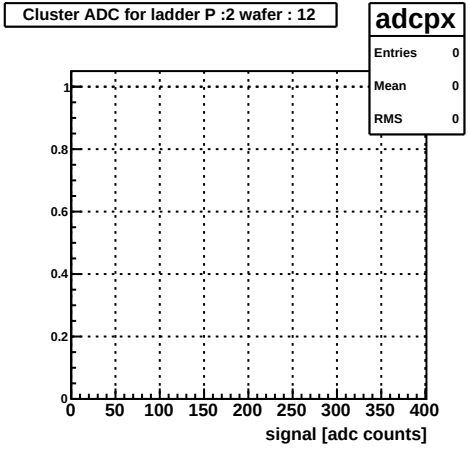

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

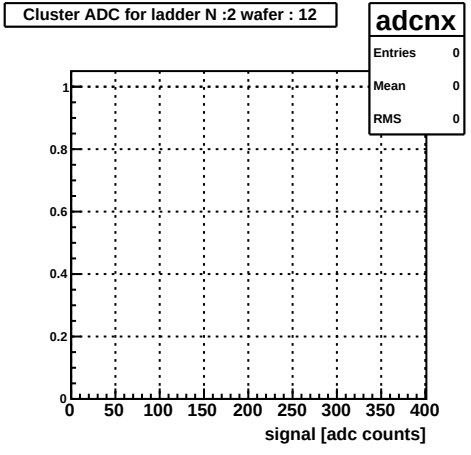

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

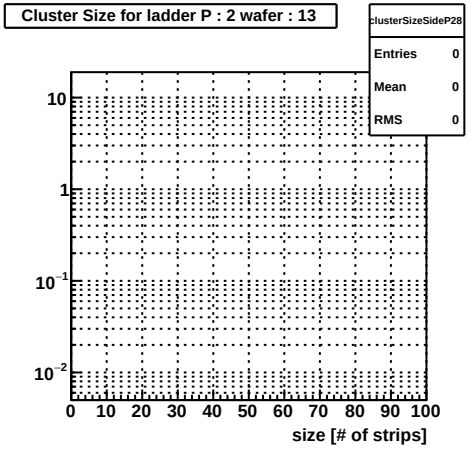

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

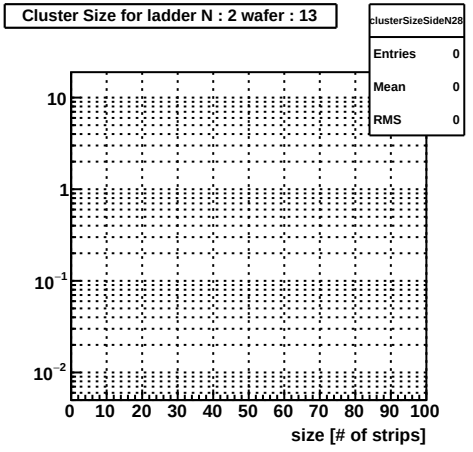

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

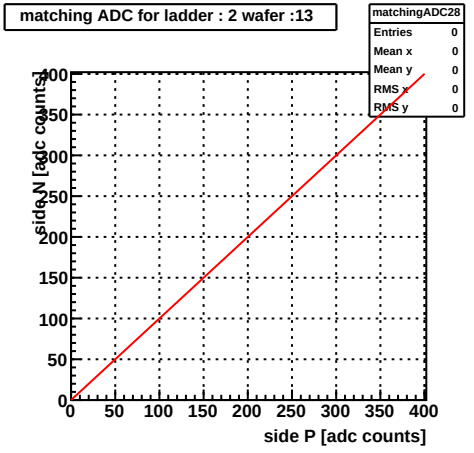

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

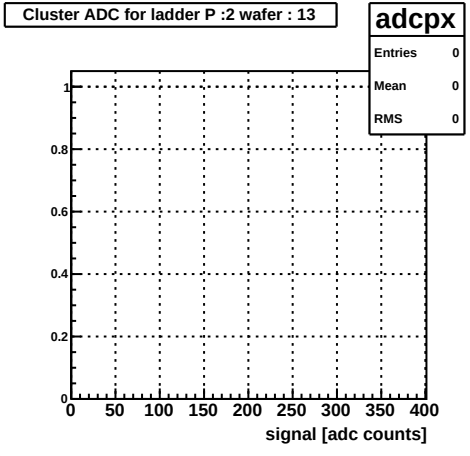

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

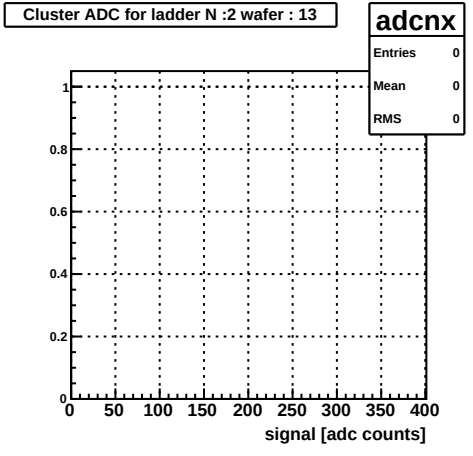

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

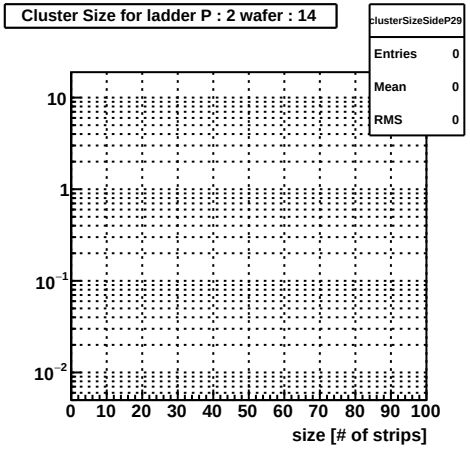

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

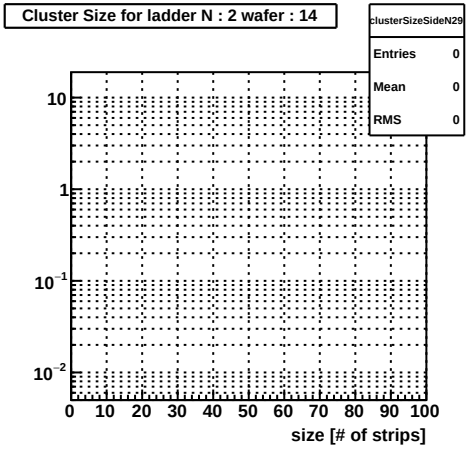

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

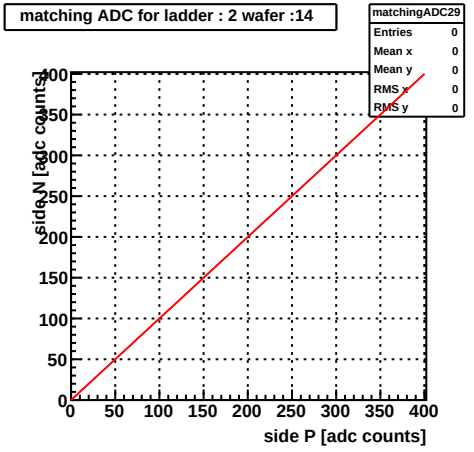

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

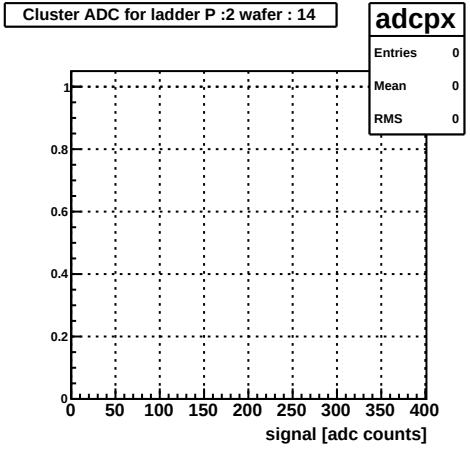

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

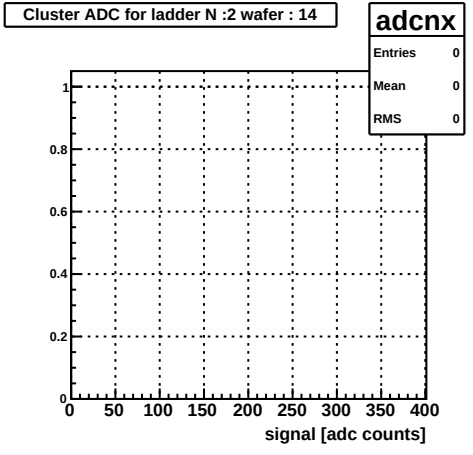

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

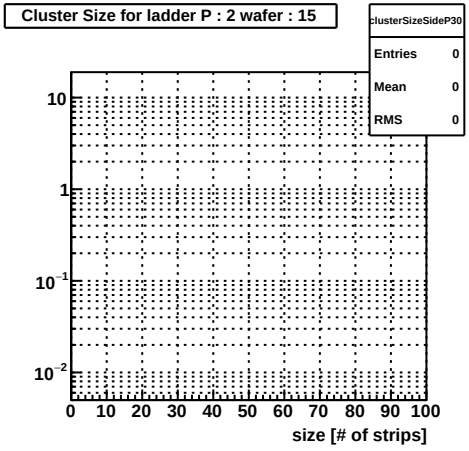

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

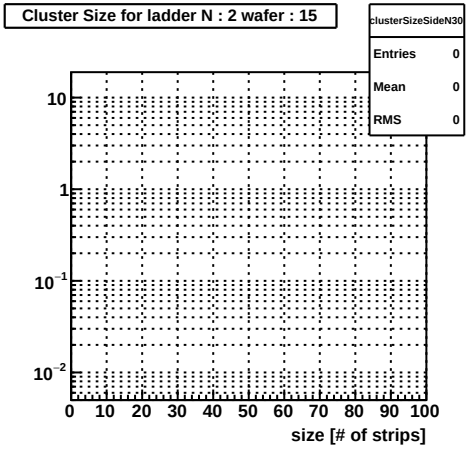

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

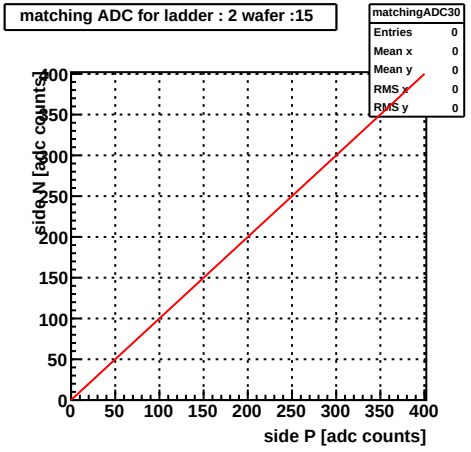

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

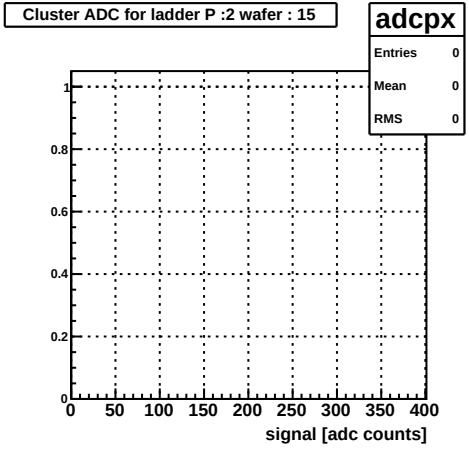

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

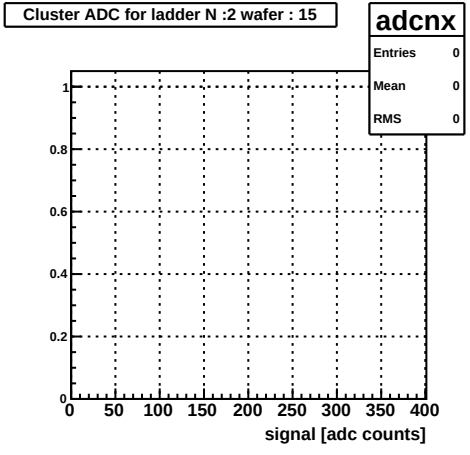

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

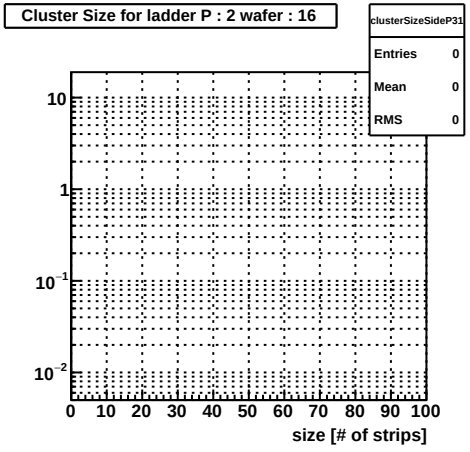

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

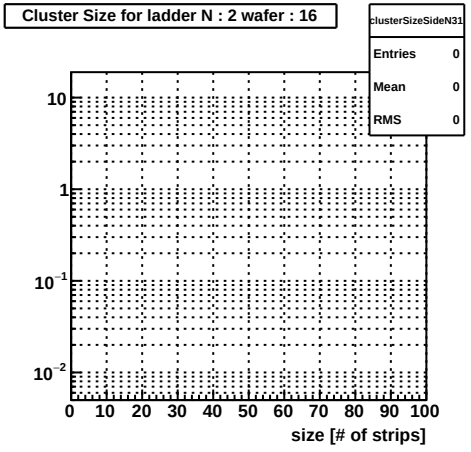

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

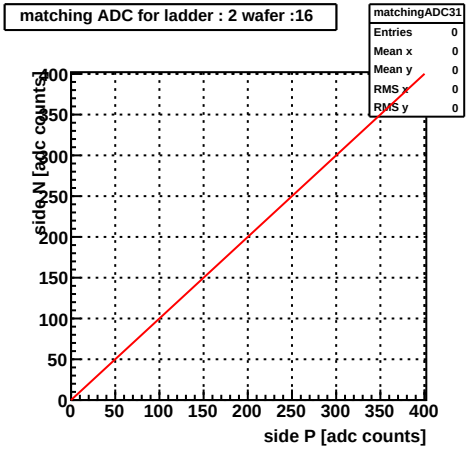

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

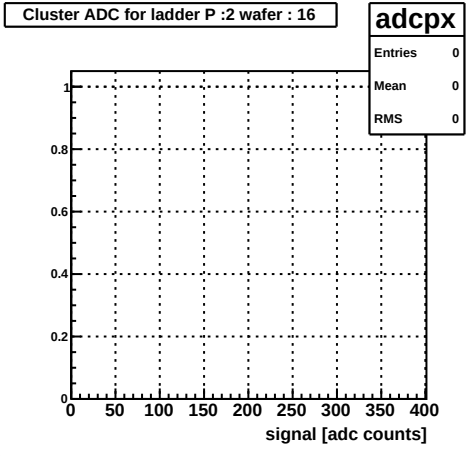

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

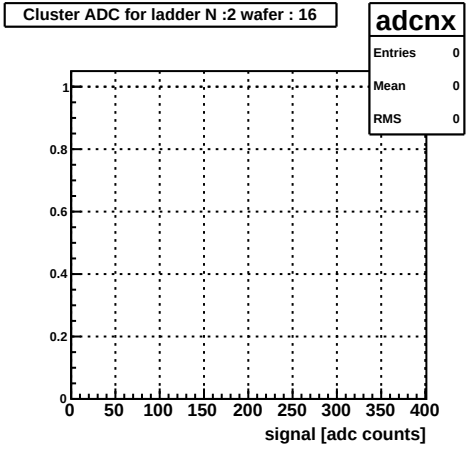

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

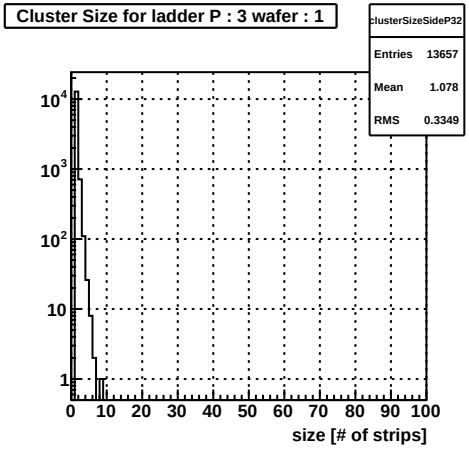

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

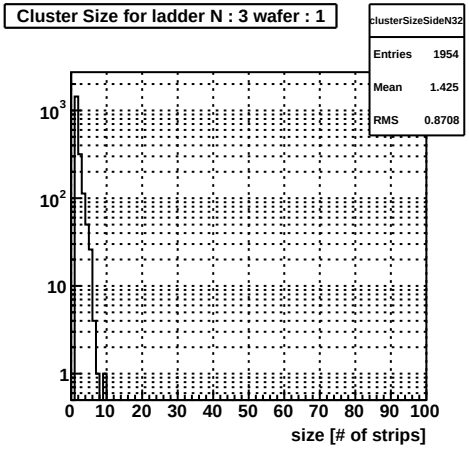

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

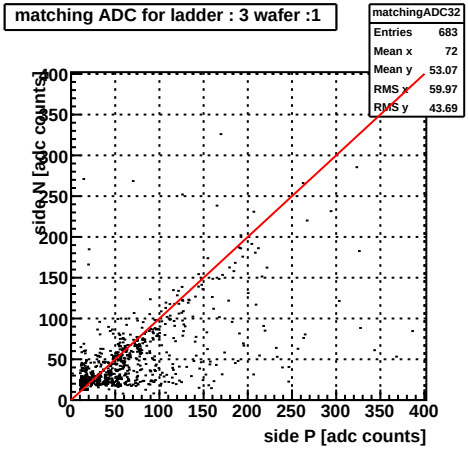

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

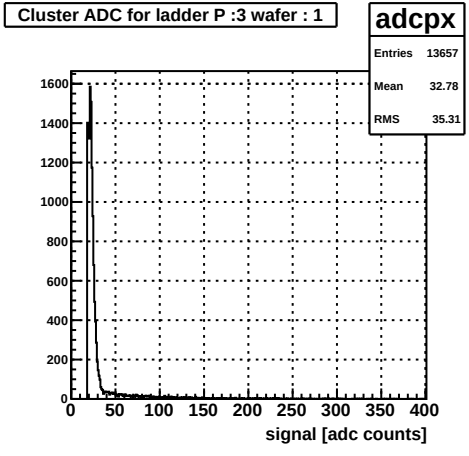

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

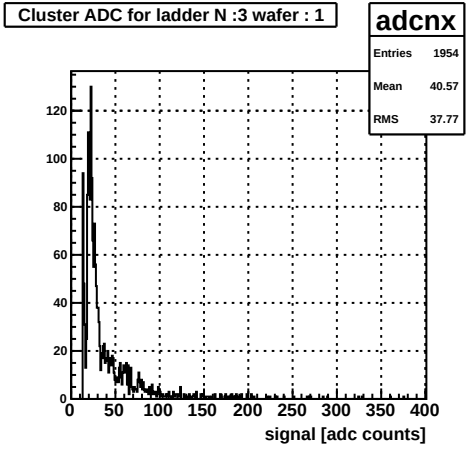

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

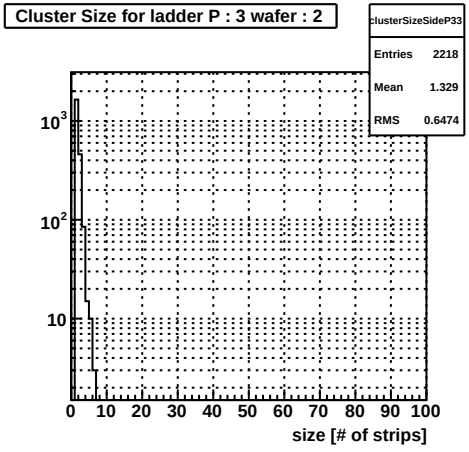

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13657
Mean 1.078
RMS 0.3349
size [# of strips]

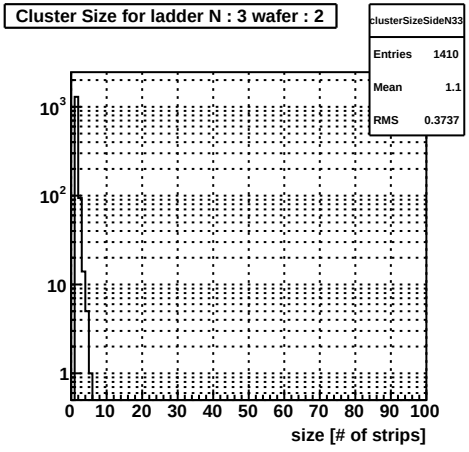

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1954
Mean 1.425
RMS 0.8708
size [# of strips]

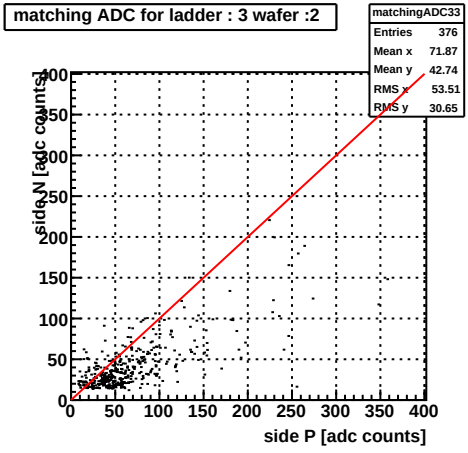

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 683
Mean x 72
Mean y 53.07
RMS x 59.97
RMS y 43.69
side N [adc counts]
side P [adc counts]

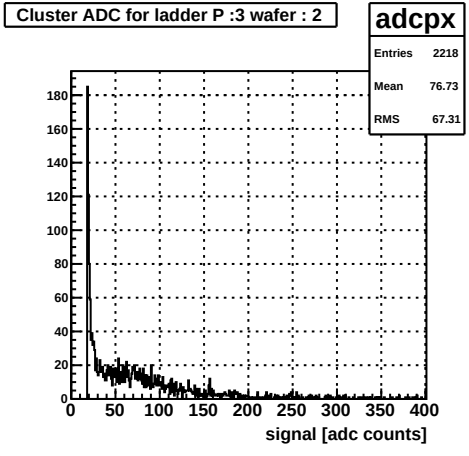

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13657
Mean 32.78
RMS 35.31
signal [adc counts]

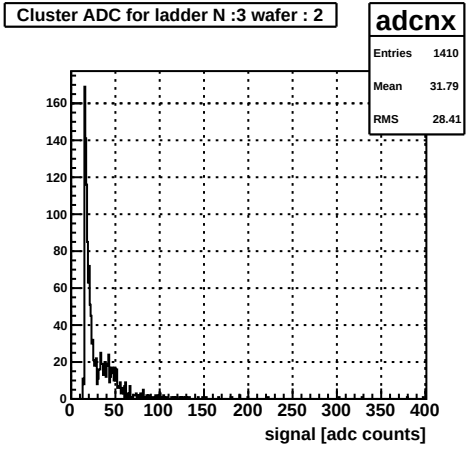

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1954
Mean 40.57
RMS 37.77
signal [adc counts]

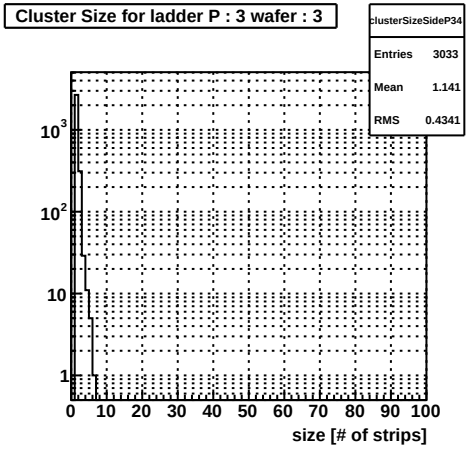

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2218
Mean 1.329
RMS 0.6474
size [# of strips]

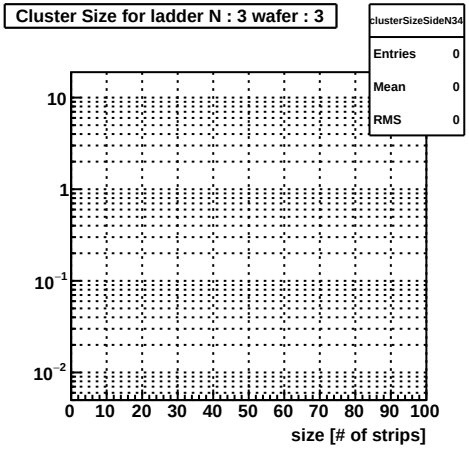

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1410
Mean 1.1
RMS 0.3737
size [# of strips]

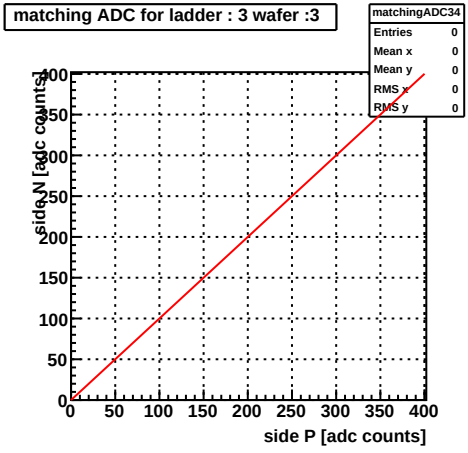

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 376
Mean x 71.87
Mean y 42.74
RMS x 53.51
RMS y 30.65
side N [adc counts]
side P [adc counts]

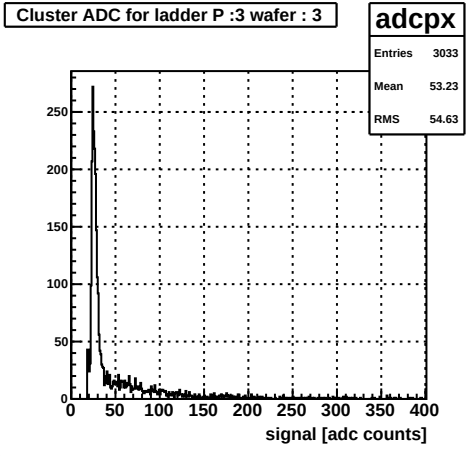

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2218
Mean 76.73
RMS 67.31
signal [adc counts]

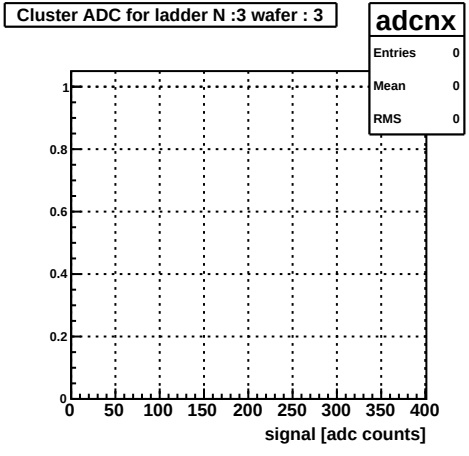

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1410
Mean 31.79
RMS 28.41
signal [adc counts]

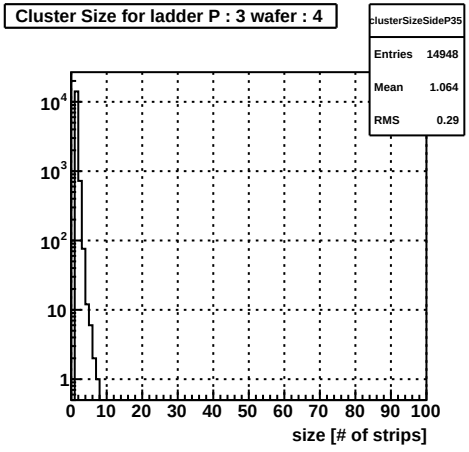

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3033
Mean 1.141
RMS 0.4341
size [# of strips]

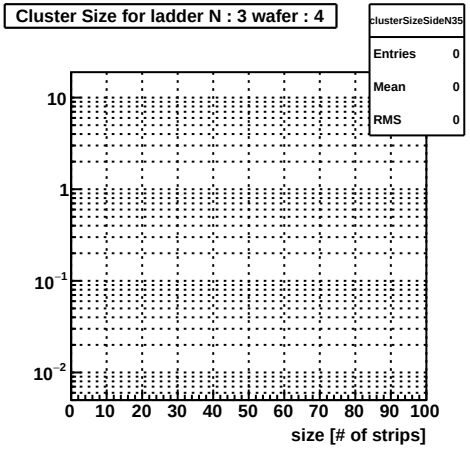

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

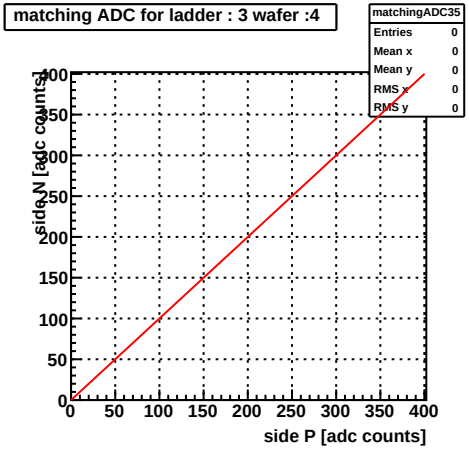

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

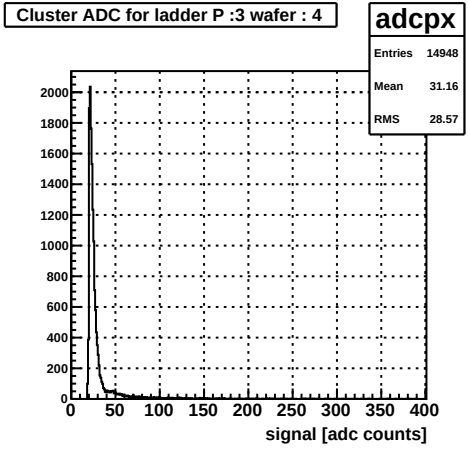

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3033
Mean 53.23
RMS 54.63
signal [adc counts]

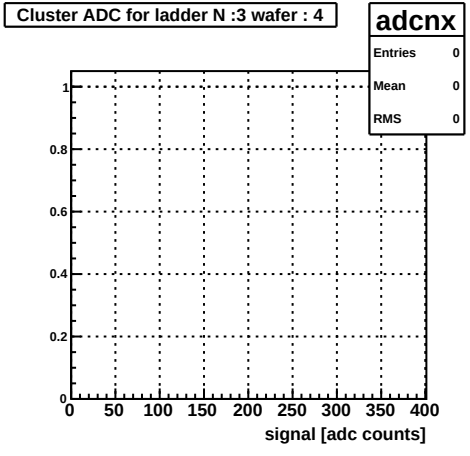

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

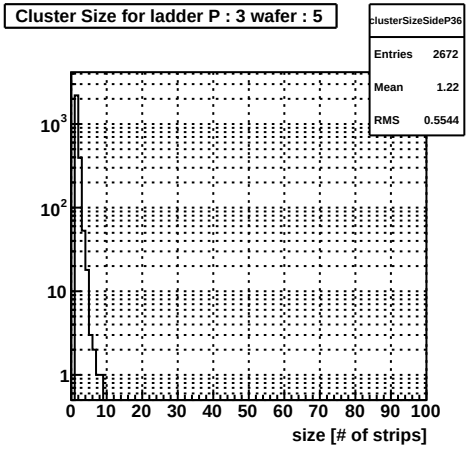

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14948
Mean 1.064
RMS 0.29
size [# of strips]

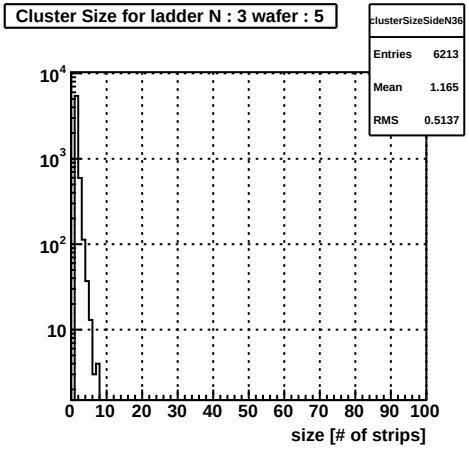

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

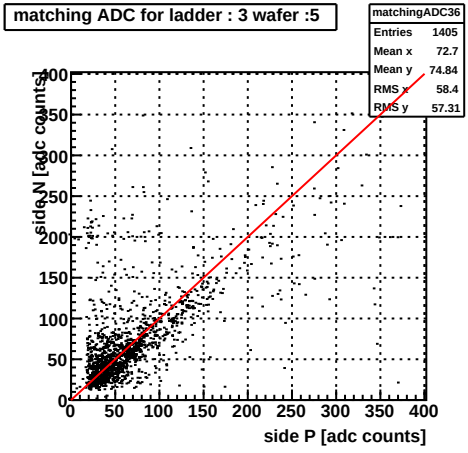

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

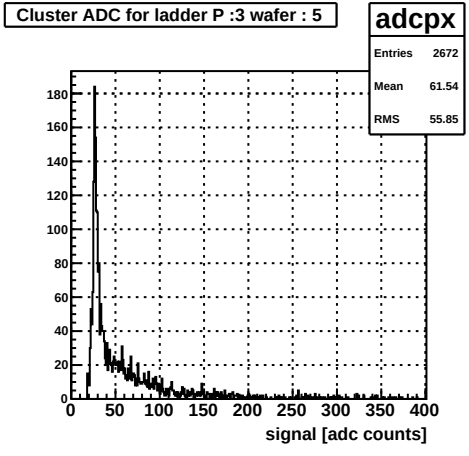

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14948
Mean 31.16
RMS 28.57
signal [adc counts]

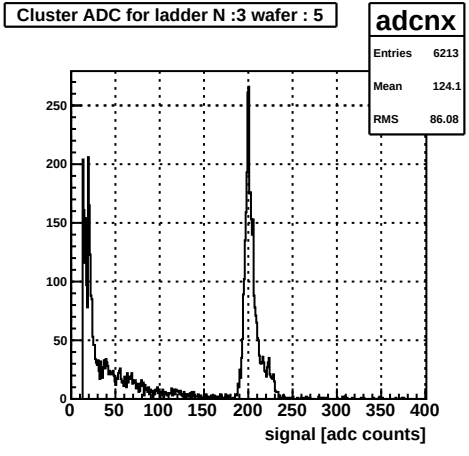

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

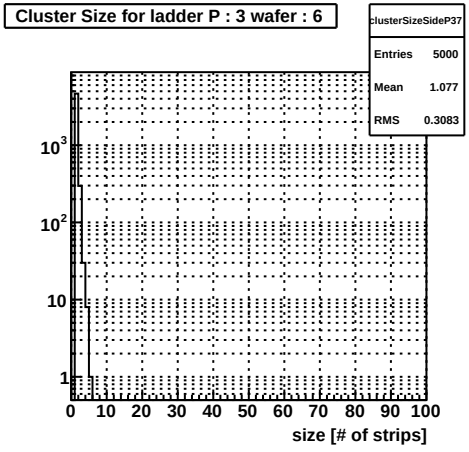

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2672
Mean 1.22
RMS 0.5544
size [# of strips]

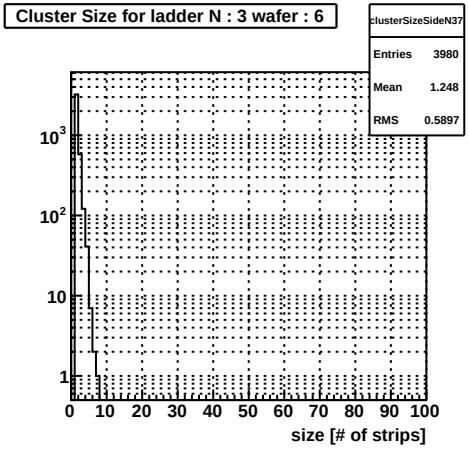

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6213
Mean 1.165
RMS 0.5137
size [# of strips]

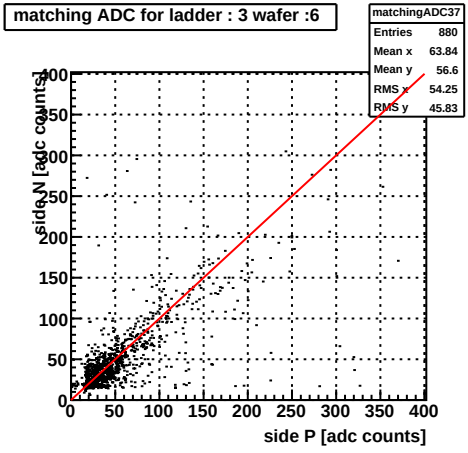

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1405
Mean x 72.7
Mean y 74.84
RMS x 58.4
RMS y 57.31
side N [adc counts]
side P [adc counts]

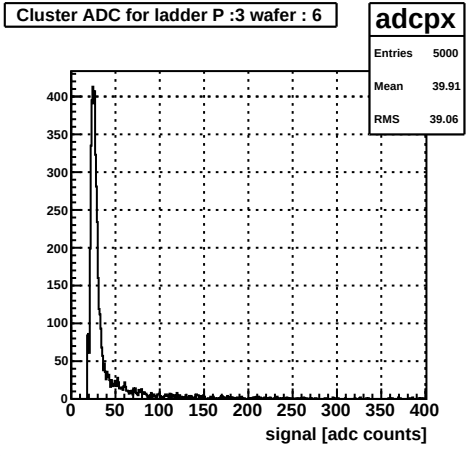

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2672
Mean 61.54
RMS 55.85
signal [adc counts]

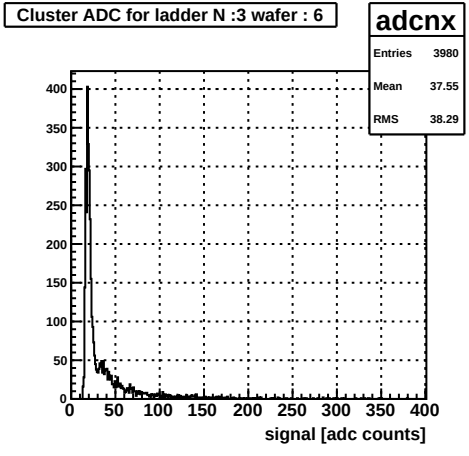

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6213
Mean 124.1
RMS 86.08
signal [adc counts]

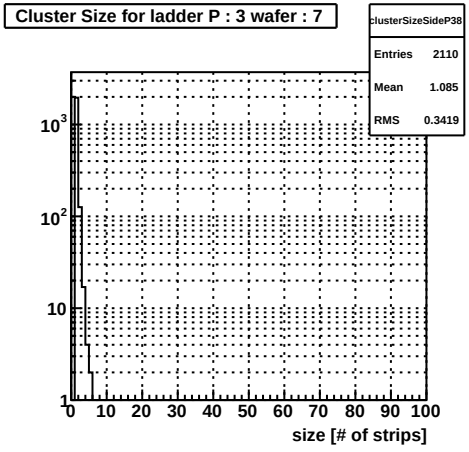

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5000
Mean 1.077
RMS 0.3083
size [# of strips]

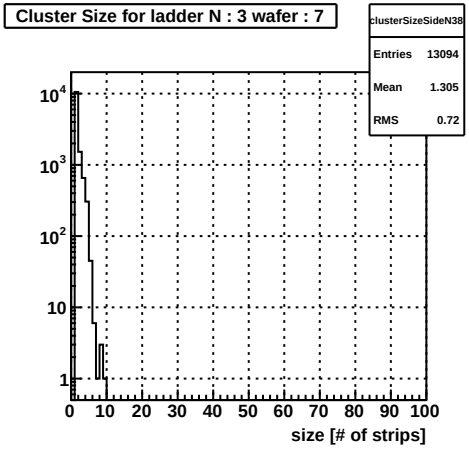

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 3980
Mean 1.248
RMS 0.5897
size [# of strips]

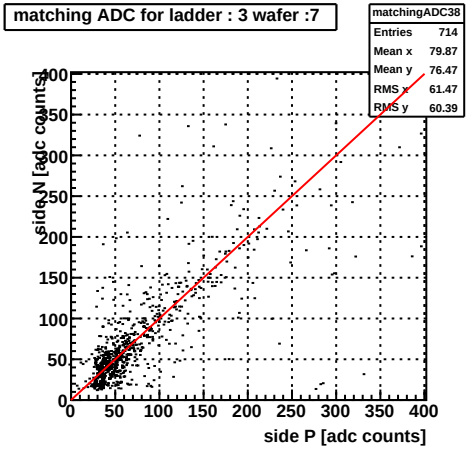

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 880
Mean x 63.84
Mean y 56.6
RMS x 54.25
RMS y 45.83
side N [adc counts]
side P [adc counts]

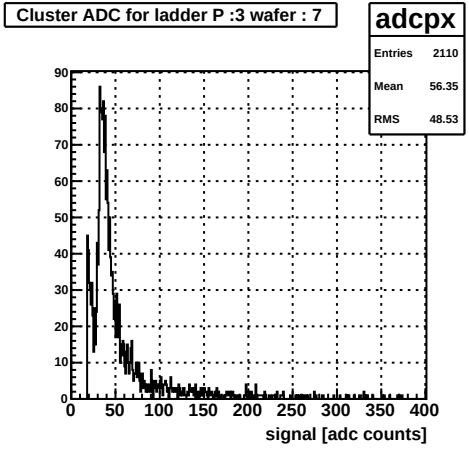

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5000
Mean 39.91
RMS 39.06
signal [adc counts]

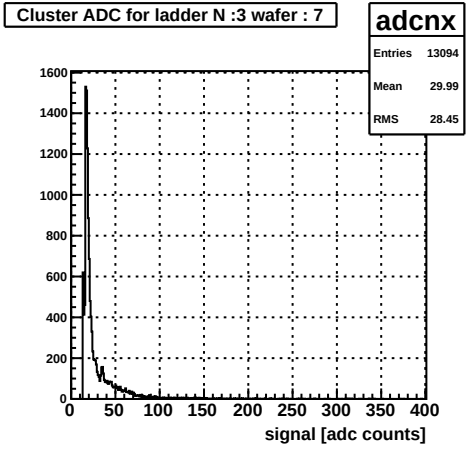

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 3980
Mean 37.55
RMS 38.29
signal [adc counts]

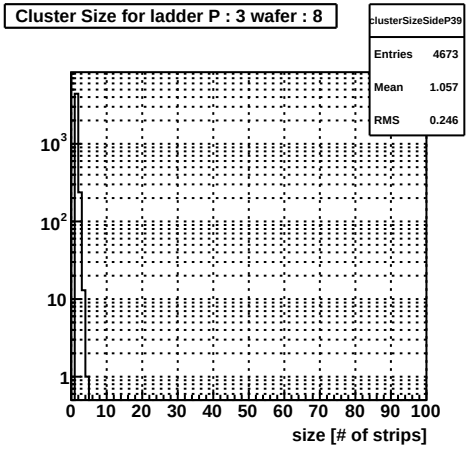

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2110
Mean 1.085
RMS 0.3419
size [# of strips]

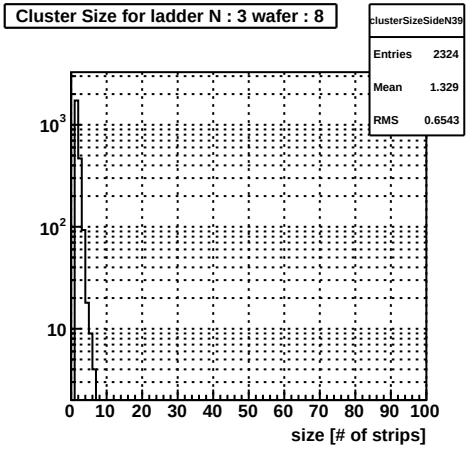

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13094
Mean 1.305
RMS 0.72
size [# of strips]

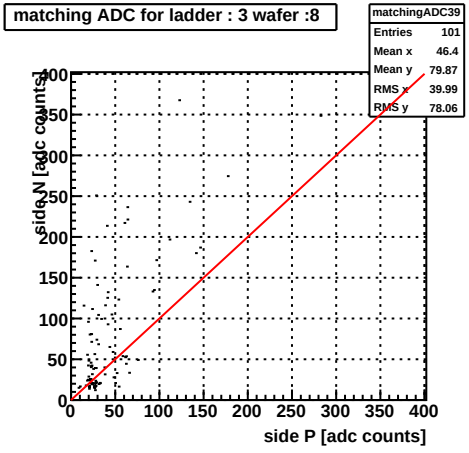

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 714
Mean x 79.87
Mean y 76.47
RMS x 61.47
RMS y 60.39
side N [adc counts]
side P [adc counts]

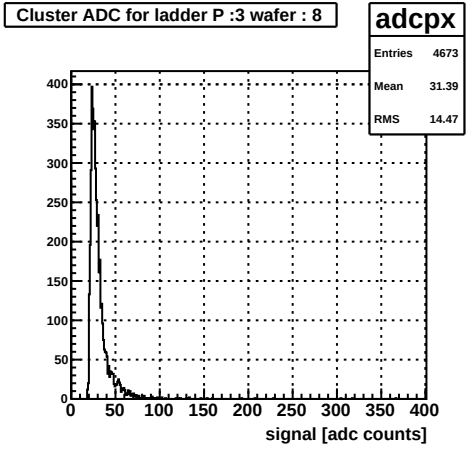

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2110
Mean 56.35
RMS 48.53
signal [adc counts]

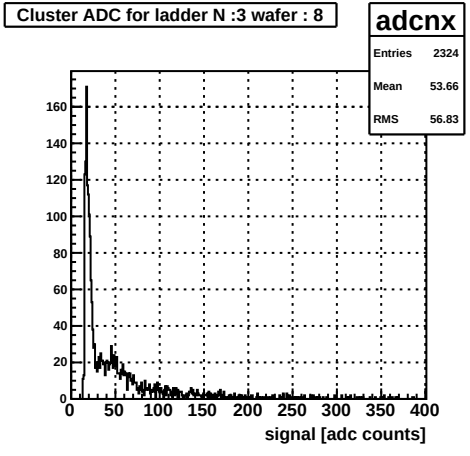

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13094
Mean 29.99
RMS 28.45
signal [adc counts]

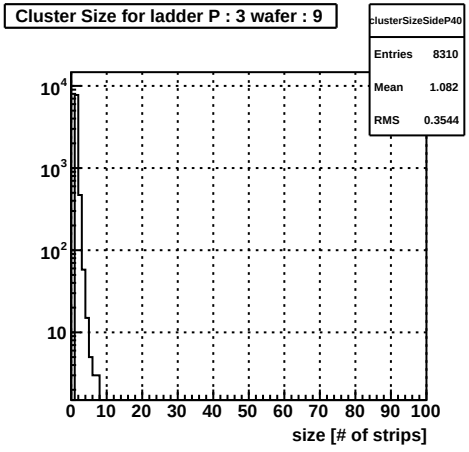

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4673
Mean 1.057
RMS 0.246
size [# of strips]

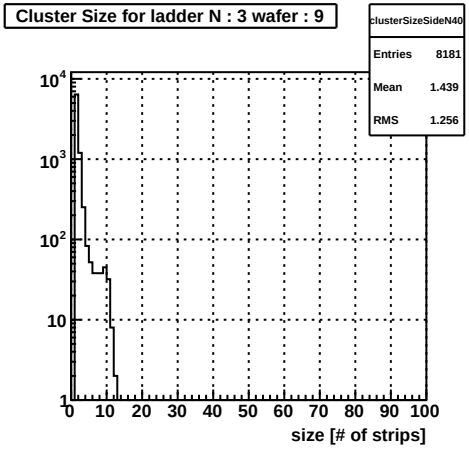

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2324
Mean 1.329
RMS 0.6543
size [# of strips]

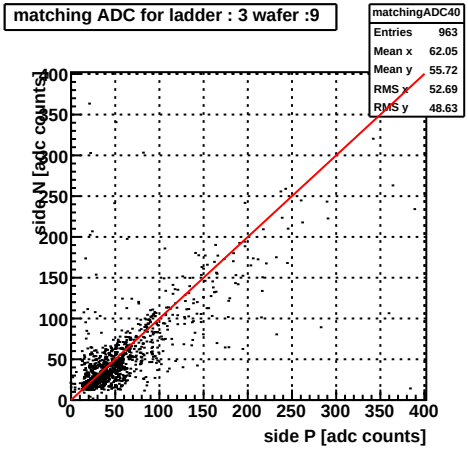

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 101
Mean x 46.4
Mean y 79.87
RMS x 39.99
RMS y 78.06
side N [adc counts]
side P [adc counts]

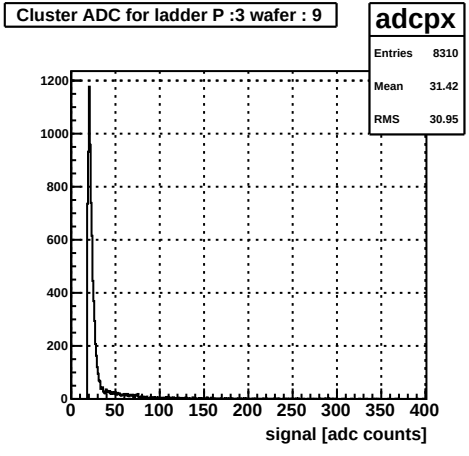

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4673
Mean 31.39
RMS 14.47
signal [adc counts]

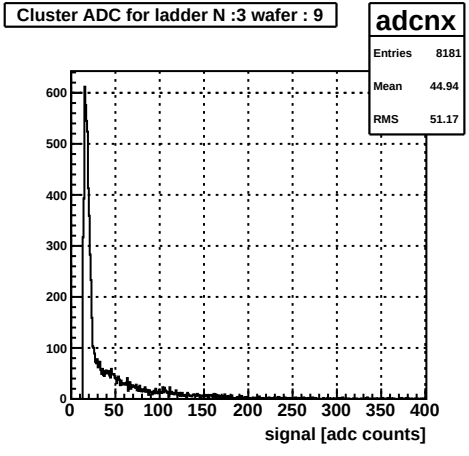

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2324
Mean 53.66
RMS 56.83
signal [adc counts]

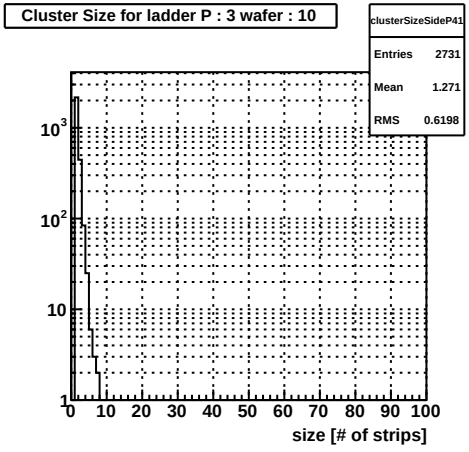

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8310
Mean 1.082
RMS 0.3544
size [# of strips]

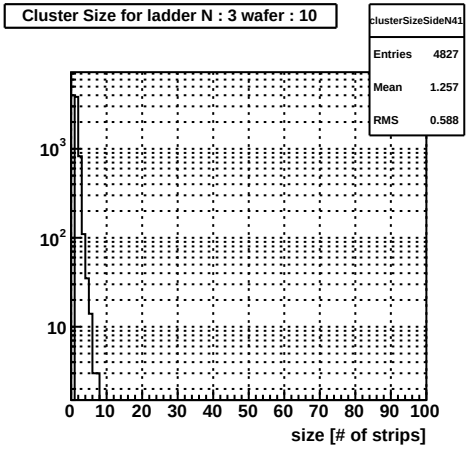

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8181
Mean 1.439
RMS 1.256
size [# of strips]

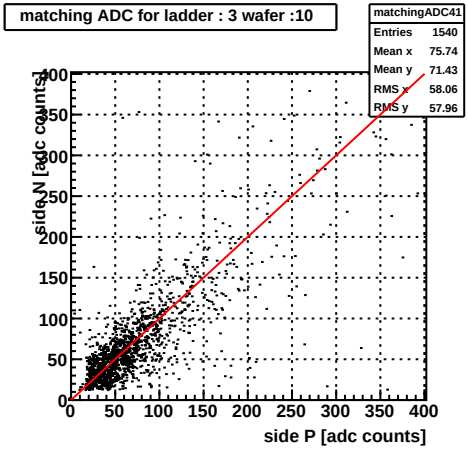

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 963
Mean x 62.05
Mean y 55.72
RMS x 52.69
RMS y 48.63
side N [adc counts]
side P [adc counts]

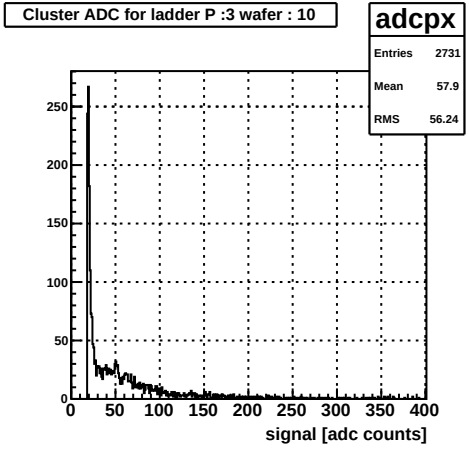

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8310
Mean 31.42
RMS 30.95
signal [adc counts]

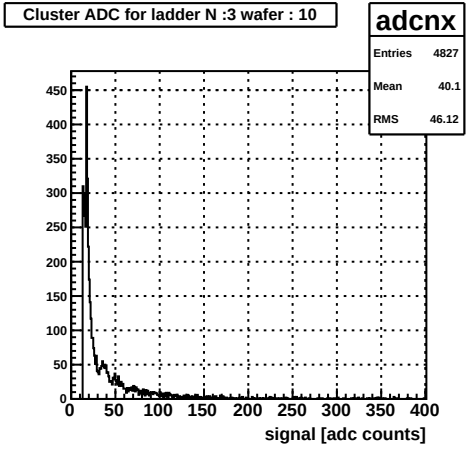

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8181
Mean 44.94
RMS 51.17
signal [adc counts]

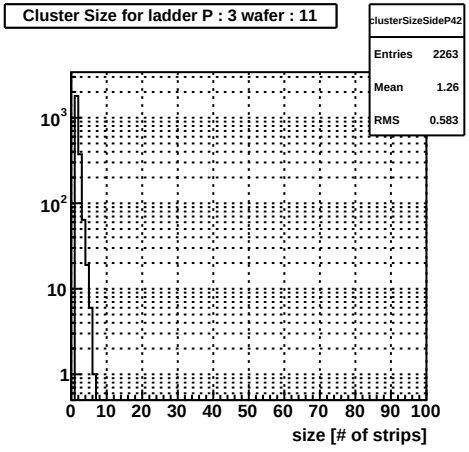

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2731
Mean 1.271
RMS 0.6198
size [# of strips]

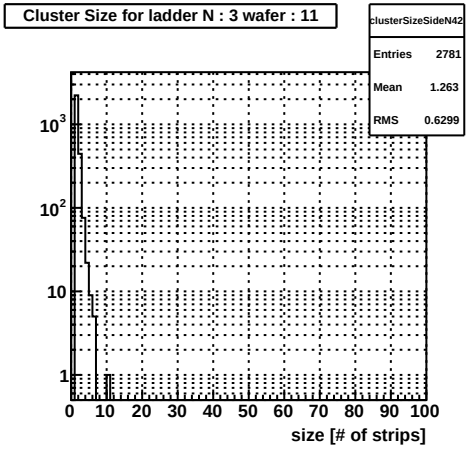

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4827
Mean 1.257
RMS 0.588
size [# of strips]

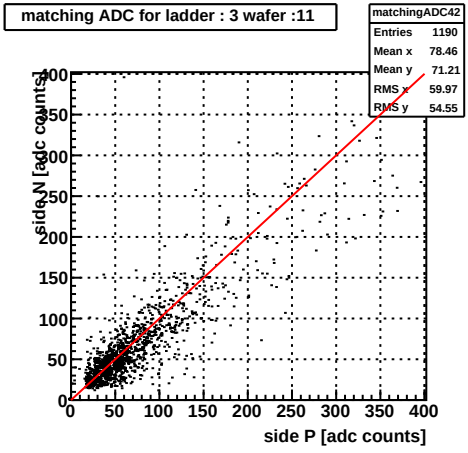

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1540
Mean x 75.74
Mean y 71.43
RMS x 58.06
RMS y 57.96
side N [adc counts]
side P [adc counts]

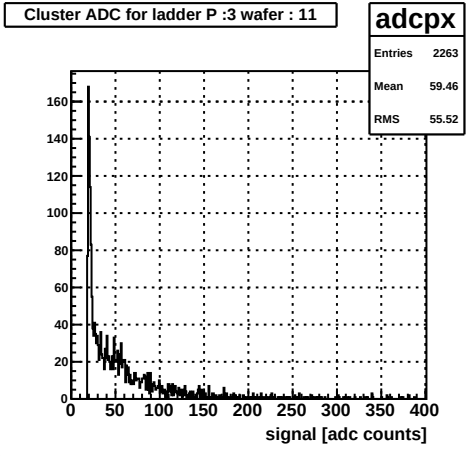

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2731
Mean 57.9
RMS 56.24
signal [adc counts]

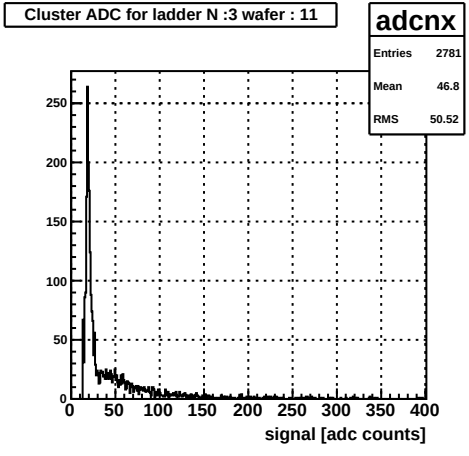

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4827
Mean 40.1
RMS 46.12
signal [adc counts]

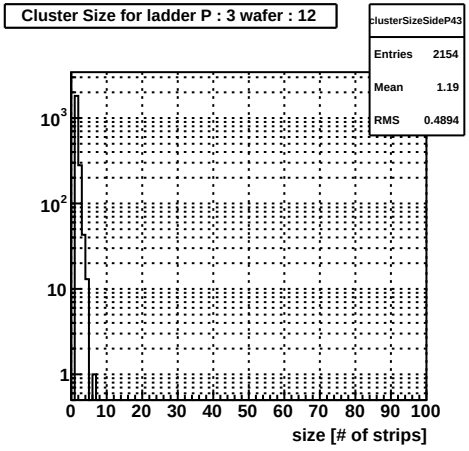

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2263
Mean 1.26
RMS 0.583
size [# of strips]

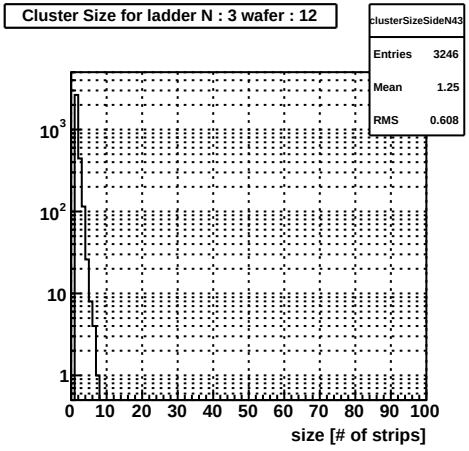

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2781
Mean 1.263
RMS 0.6299
size [# of strips]

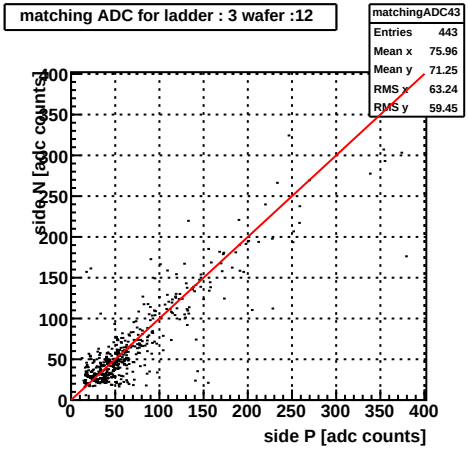

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1190
Mean x 78.46
Mean y 71.21
RMS x 59.97
RMS y 54.55
side N [adc counts]
side P [adc counts]

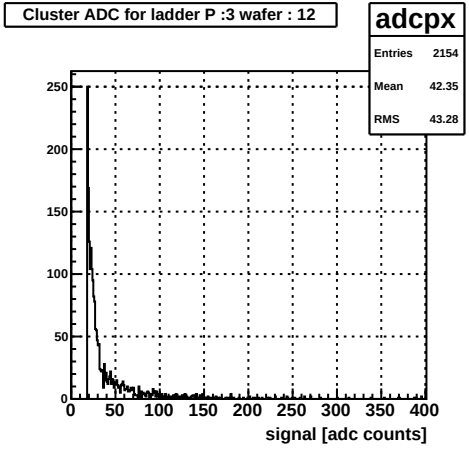

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2263
Mean 59.46
RMS 55.52
signal [adc counts]

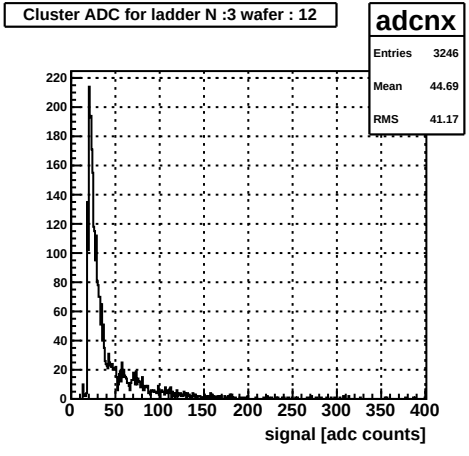

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2781
Mean 46.8
RMS 50.52
signal [adc counts]

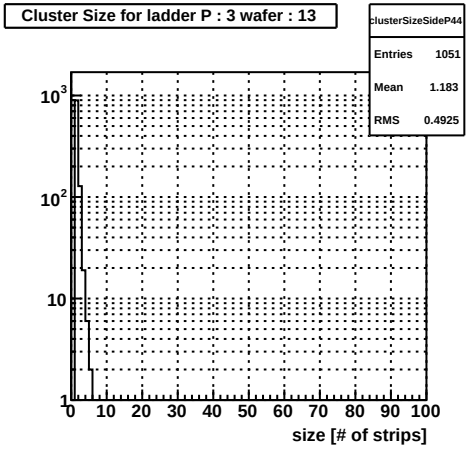

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2154
Mean 1.19
RMS 0.4894
size [# of strips]

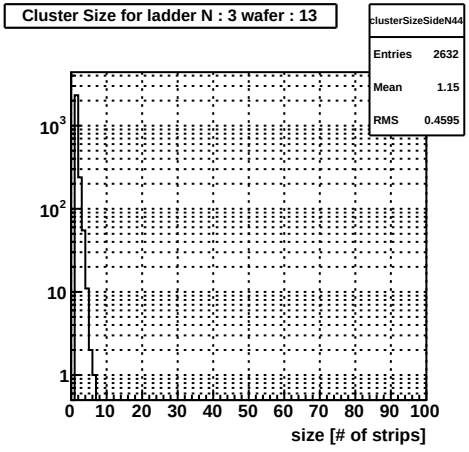

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3246
Mean 1.25
RMS 0.608
size [# of strips]

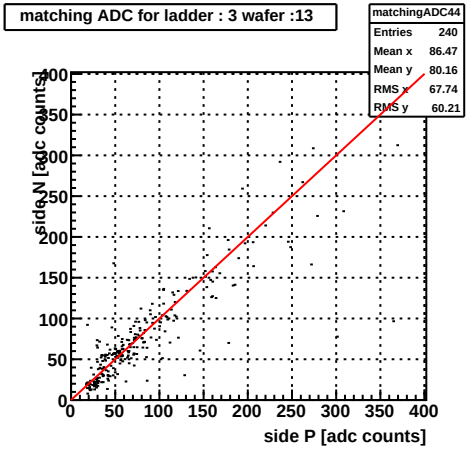

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 443
Mean x 75.96
Mean y 71.25
RMS x 63.24
RMS y 59.45
side N [adc counts]
side P [adc counts]

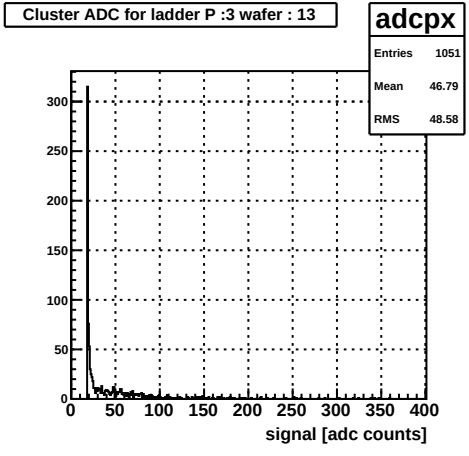

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2154
Mean 42.35
RMS 43.28
signal [adc counts]

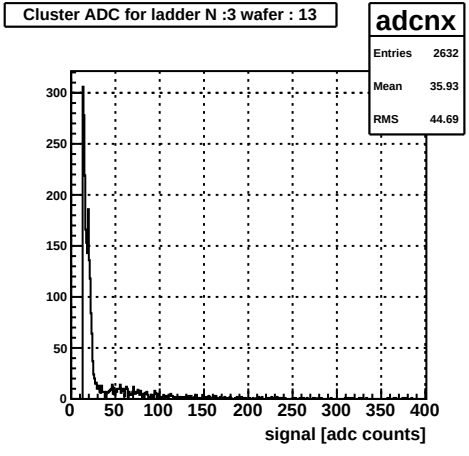

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3246
Mean 44.69
RMS 41.17
signal [adc counts]

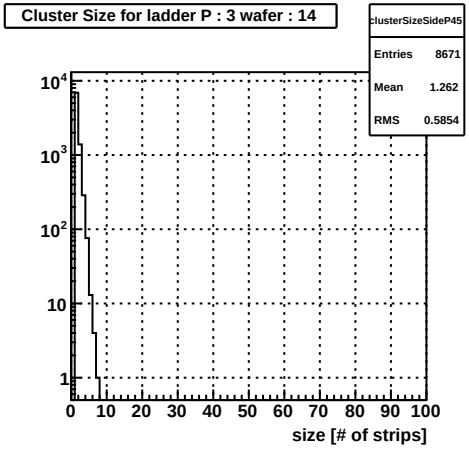

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1051
Mean 1.183
RMS 0.4925
size [# of strips]

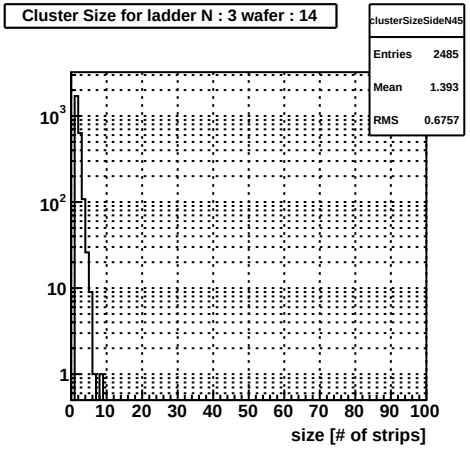

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2632
Mean 1.15
RMS 0.4595
size [# of strips]

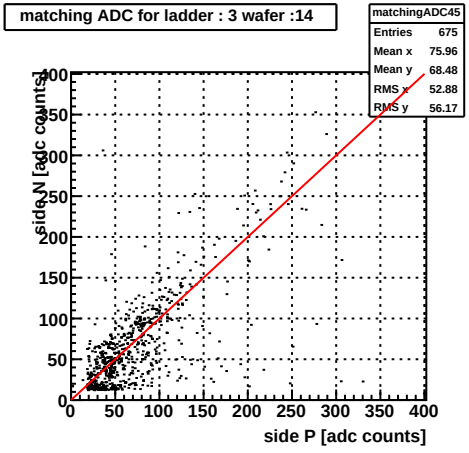

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 240
Mean x 86.47
Mean y 80.16
RMS x 67.74
RMS y 60.21
side N [adc counts]
side P [adc counts]

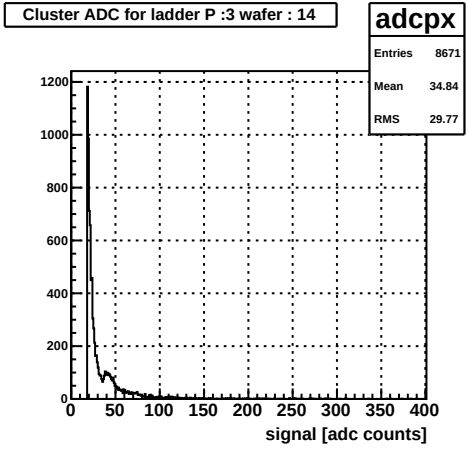

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1051
Mean 46.79
RMS 48.58
signal [adc counts]

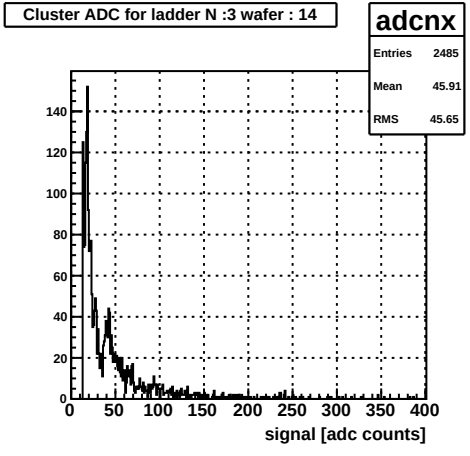

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2632
Mean 35.93
RMS 44.69
signal [adc counts]

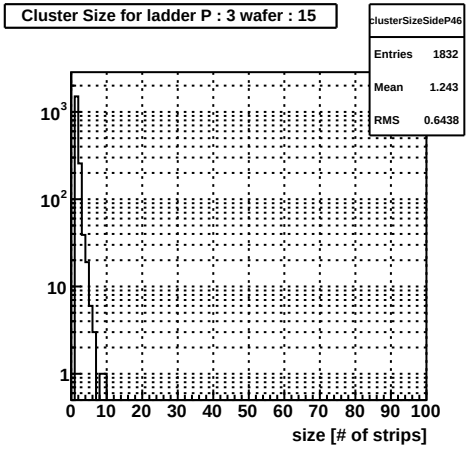

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8671
Mean 1.262
RMS 0.5854
size [# of strips]

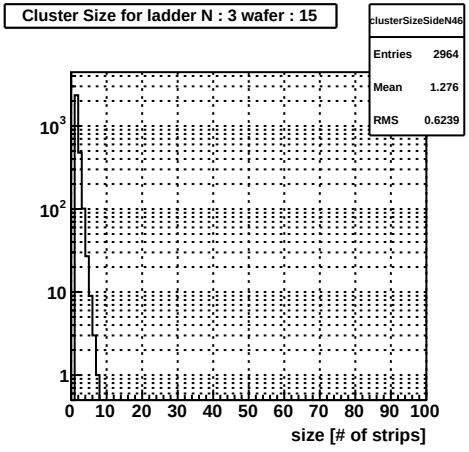

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2485
Mean 1.393
RMS 0.6757
size [# of strips]

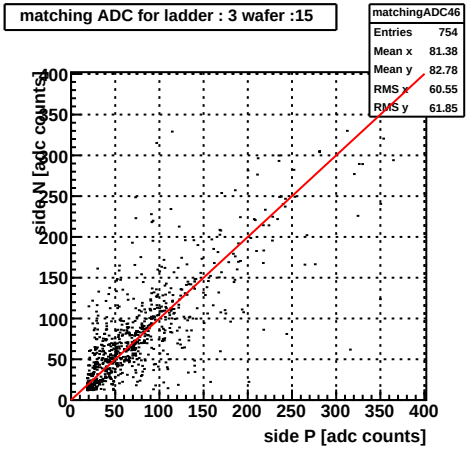

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 675
Mean x 75.96
Mean y 68.48
RMS x 52.88
RMS y 56.17
side N [adc counts]
side P [adc counts]

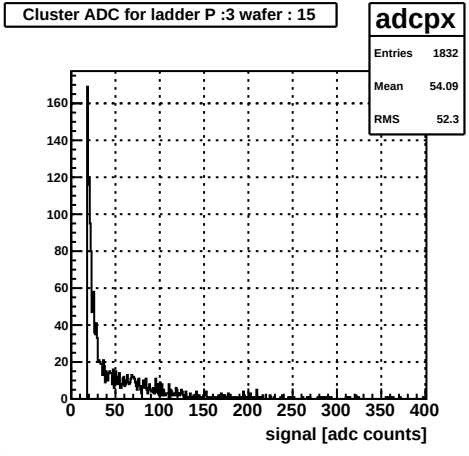

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8671
Mean 34.84
RMS 29.77
signal [adc counts]

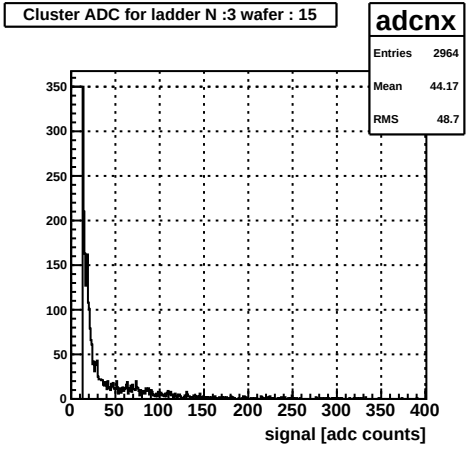

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2485
Mean 45.91
RMS 45.65
signal [adc counts]

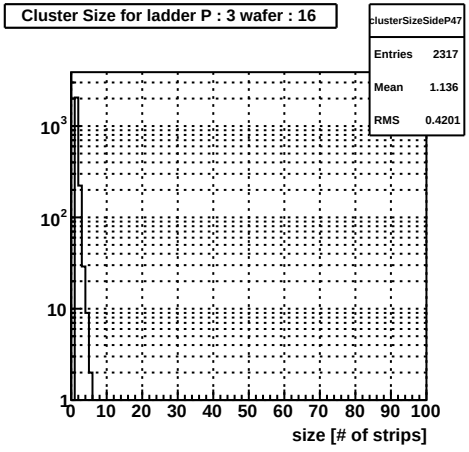

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1832
Mean 1.243
RMS 0.6438
size [# of strips]

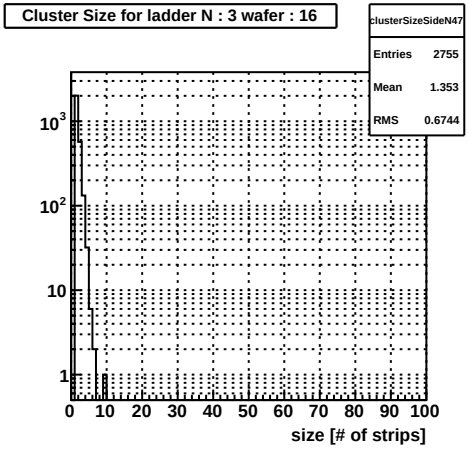

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2964
Mean 1.276
RMS 0.6239
size [# of strips]

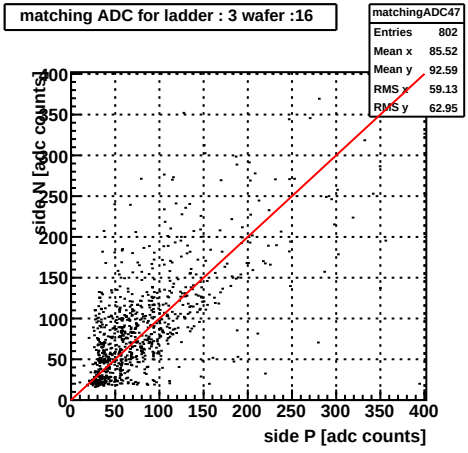

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 754
Mean x 81.38
Mean y 82.78
RMS x 60.55
RMS y 61.85
side N [adc counts]
side P [adc counts]

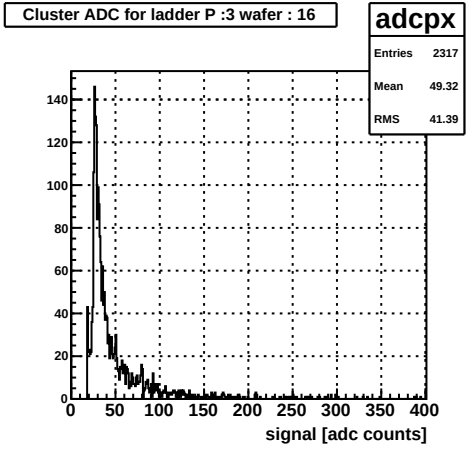

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1832
Mean 54.09
RMS 52.3
signal [adc counts]

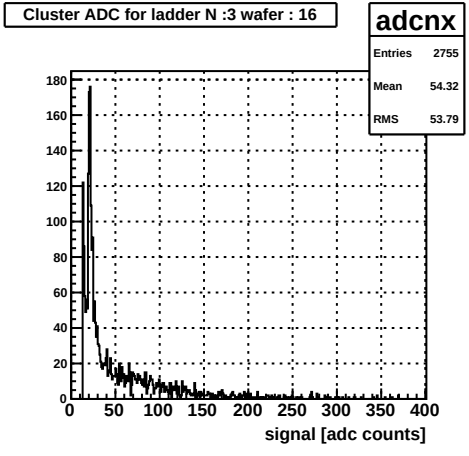

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2964
Mean 44.17
RMS 48.7
signal [adc counts]

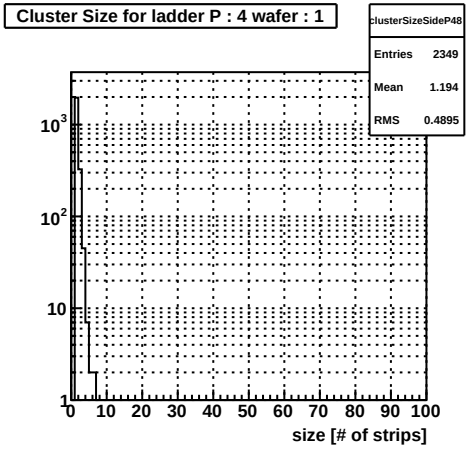

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2317
Mean 1.136
RMS 0.4201
size [# of strips]

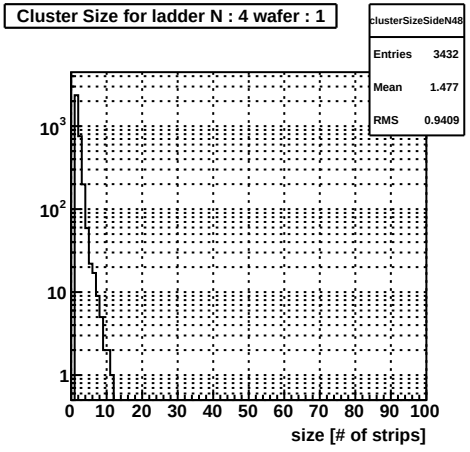

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2755
Mean 1.353
RMS 0.6744
size [# of strips]

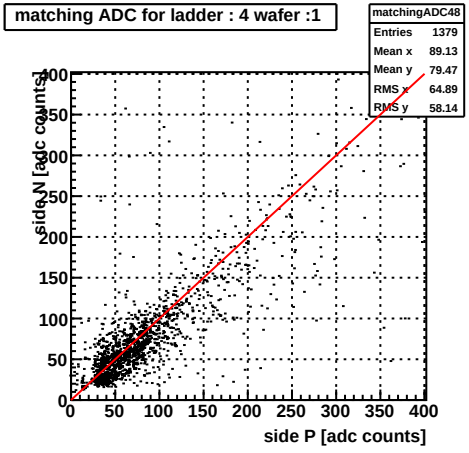

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 802
Mean x 85.52
Mean y 92.59
RMS x 59.13
RMS y 62.95
side N [adc counts]
side P [adc counts]

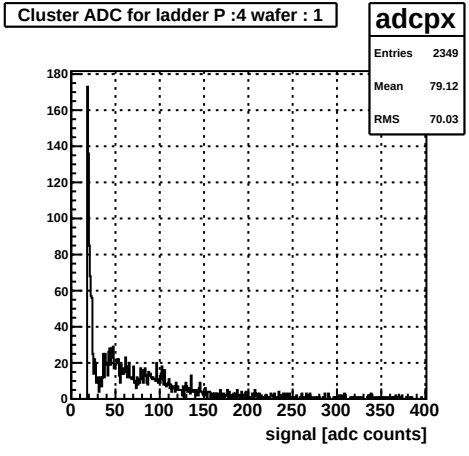

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2317
Mean 49.32
RMS 41.39
signal [adc counts]

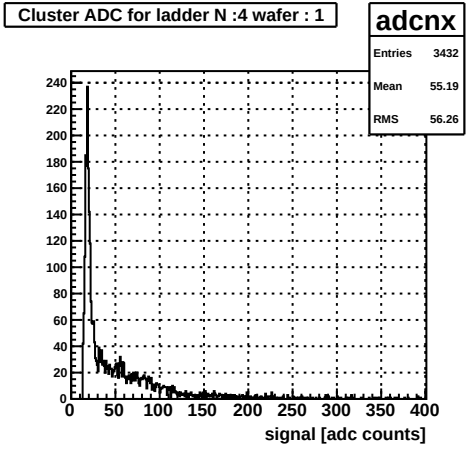

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2755
Mean 54.32
RMS 53.79
signal [adc counts]

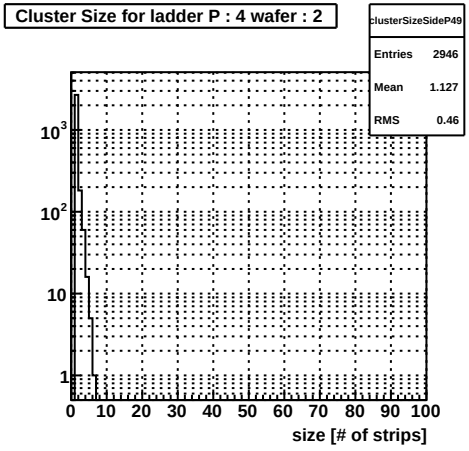

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2349
Mean 1.194
RMS 0.4895
size [# of strips]

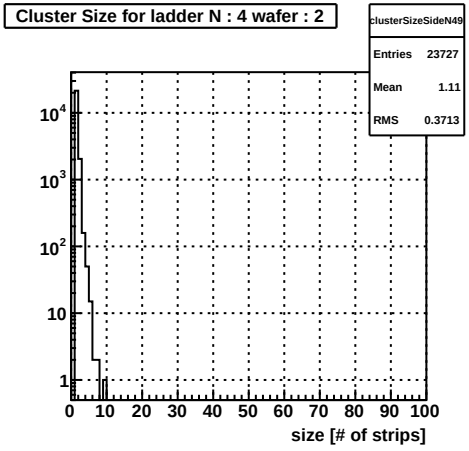

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3432
Mean 1.477
RMS 0.9409
size [# of strips]

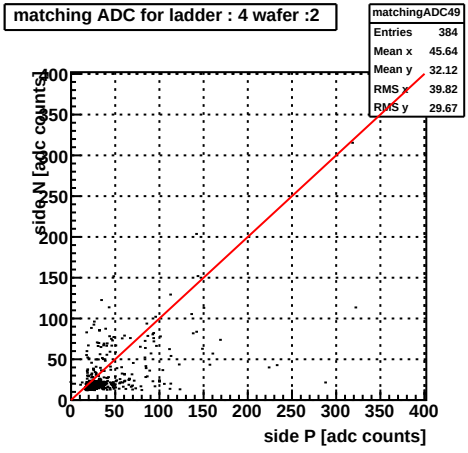

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1379
Mean x 89.13
Mean y 79.47
RMS x 64.89
RMS y 58.14
side N [adc counts]
side P [adc counts]

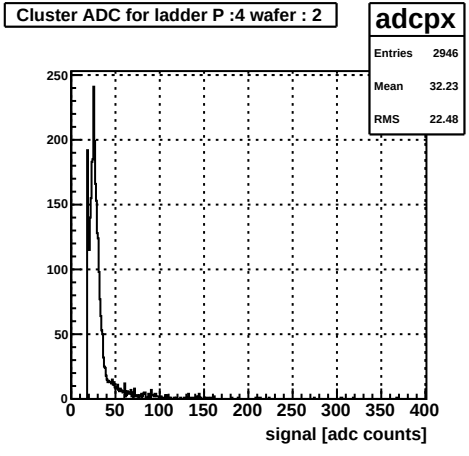

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2349
Mean 79.12
RMS 70.03
signal [adc counts]

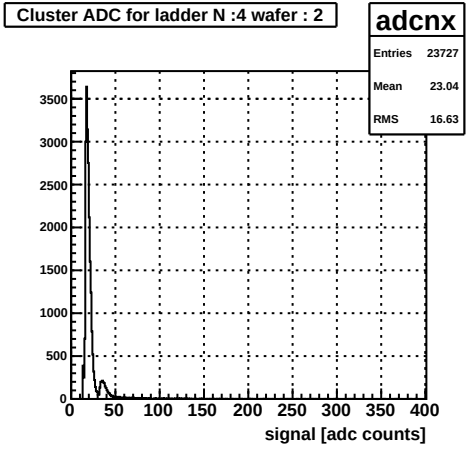

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3432
Mean 55.19
RMS 56.26
signal [adc counts]

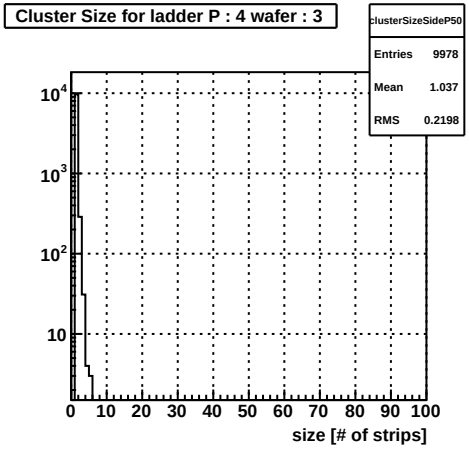

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2946
Mean 1.127
RMS 0.46
size [# of strips]

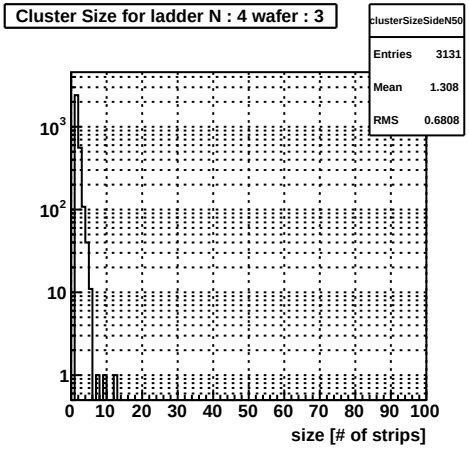

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23727
Mean 1.11
RMS 0.3713
size [# of strips]

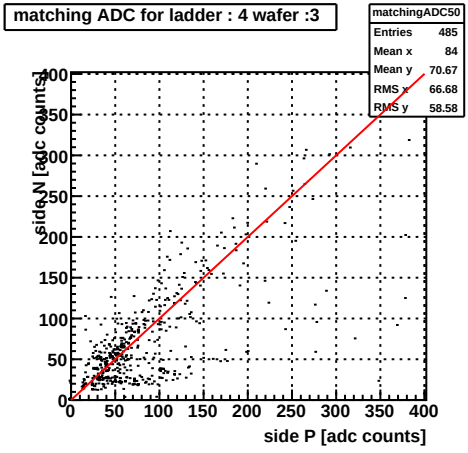

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 384
Mean x 45.64
Mean y 32.12
RMS x 39.82
RMS y 29.67
side N [adc counts]
side P [adc counts]

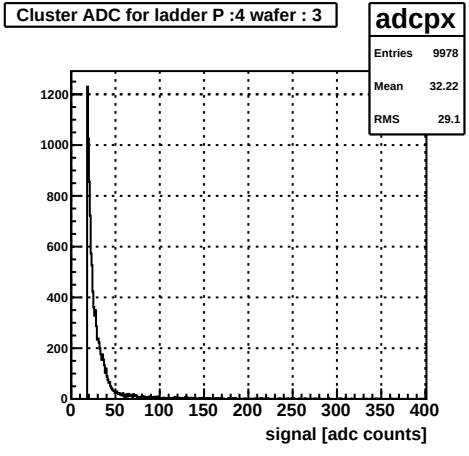

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2946
Mean 32.23
RMS 22.48
signal [adc counts]

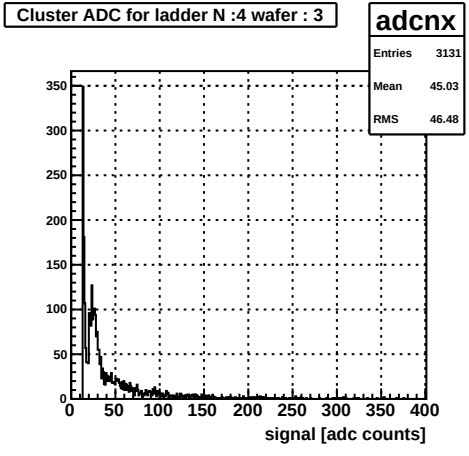

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23727
Mean 23.04
RMS 16.63
signal [adc counts]

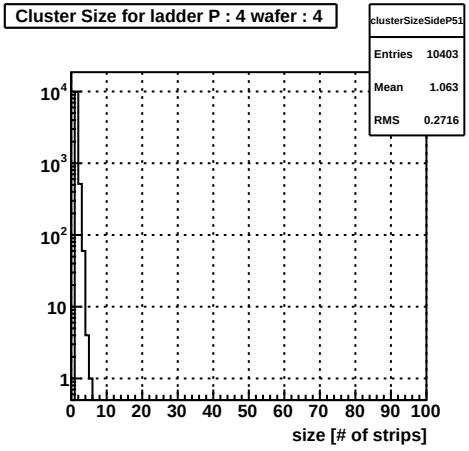

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9978
Mean 1.037
RMS 0.2198
size [# of strips]

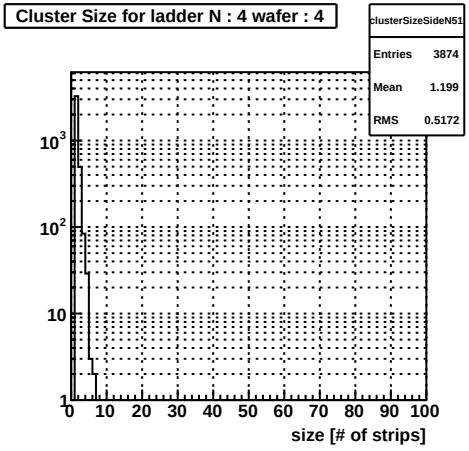

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3131
Mean 1.308
RMS 0.6808
size [# of strips]

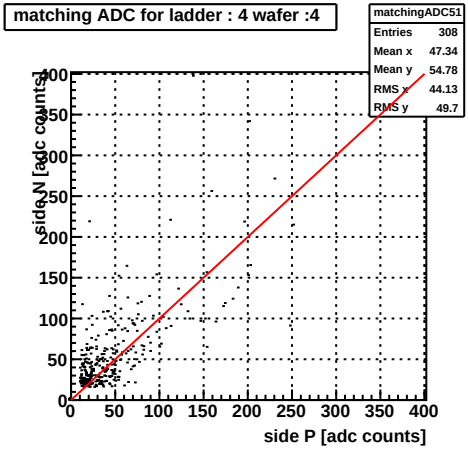

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 485
Mean x 84
Mean y 70.67
RMS x 66.68
RMS y 58.58
side N [adc counts]
side P [adc counts]

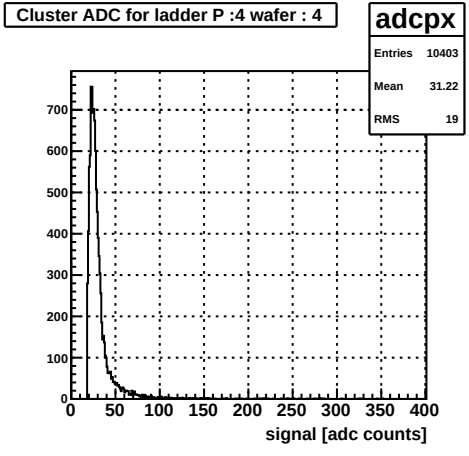

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9978
Mean 32.22
RMS 29.1
signal [adc counts]

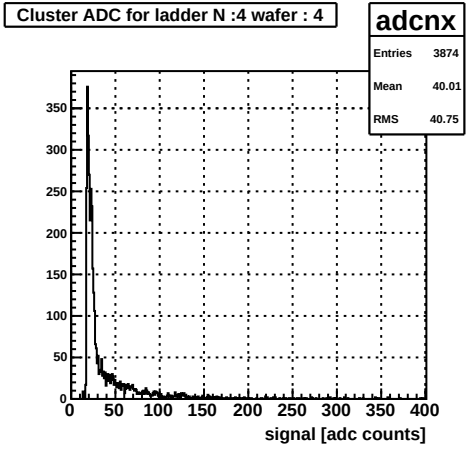

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3131
Mean 45.03
RMS 46.48
signal [adc counts]

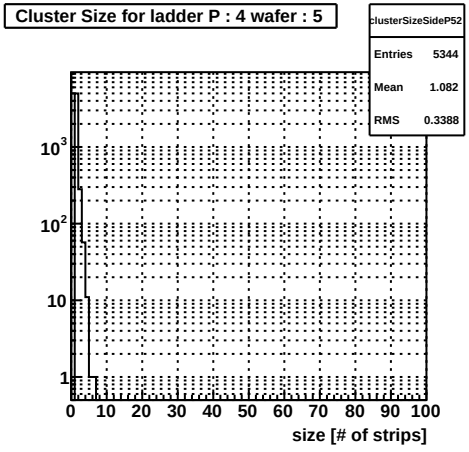

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10403
Mean 1.063
RMS 0.2716
size [# of strips]

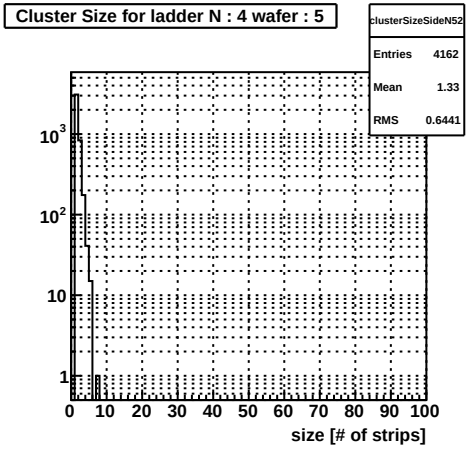

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3874
Mean 1.199
RMS 0.5172
size [# of strips]

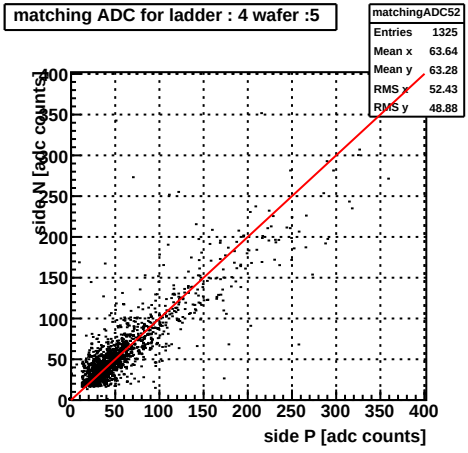

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 308
Mean x 47.34
Mean y 54.78
RMS x 44.13
RMS y 49.7
side N [adc counts]
side P [adc counts]

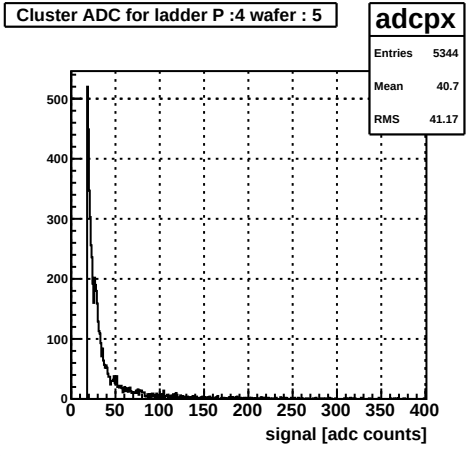

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10403
Mean 31.22
RMS 19
signal [adc counts]

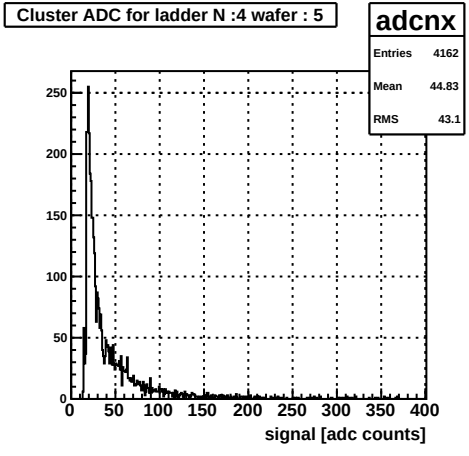

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3874
Mean 40.01
RMS 40.75
signal [adc counts]

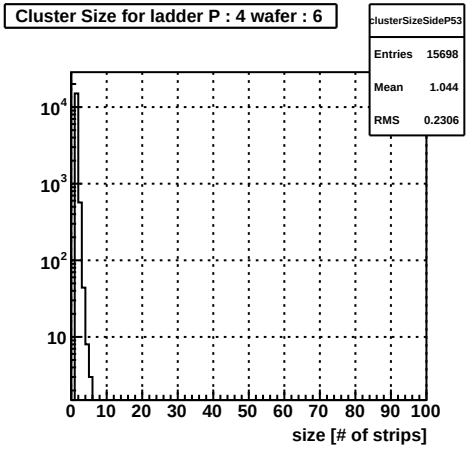

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5344
Mean 1.082
RMS 0.3388
size [# of strips]

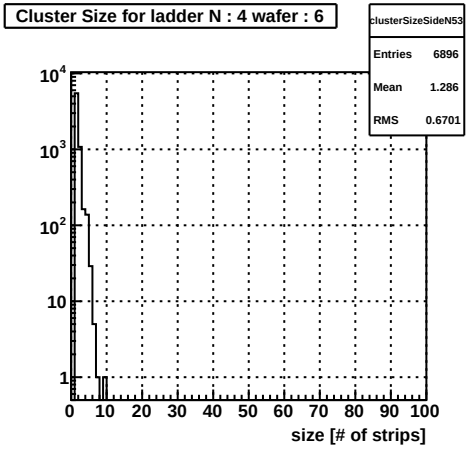

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4162
Mean 1.33
RMS 0.6441
size [# of strips]

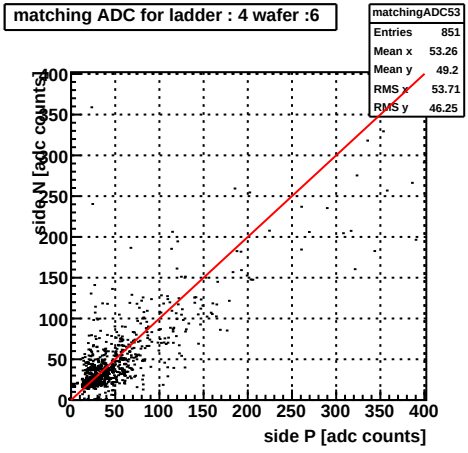

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1325
Mean x 63.64
Mean y 63.28
RMS x 52.43
RMS y 48.88
side N [adc counts]
side P [adc counts]

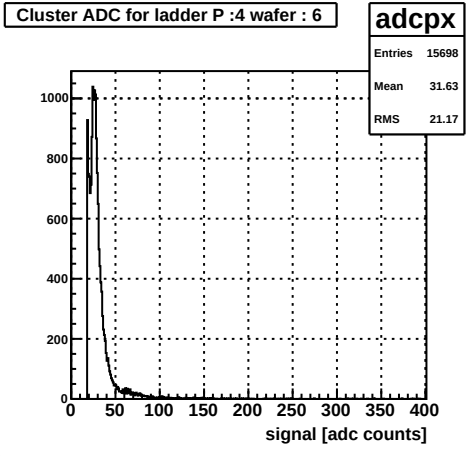

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5344
Mean 40.7
RMS 41.17
signal [adc counts]

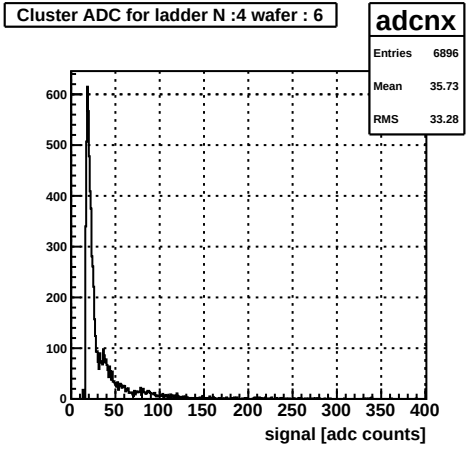

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4162
Mean 44.83
RMS 43.1
signal [adc counts]

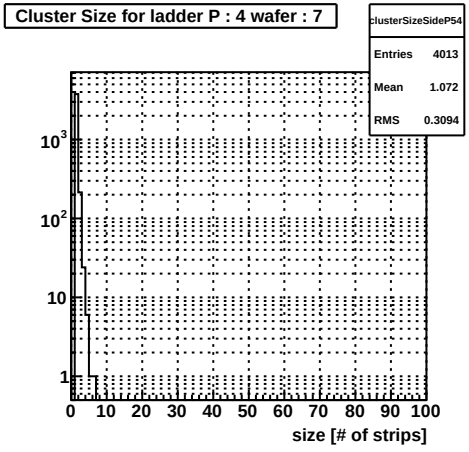

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15698
Mean 1.044
RMS 0.2306
size [# of strips]

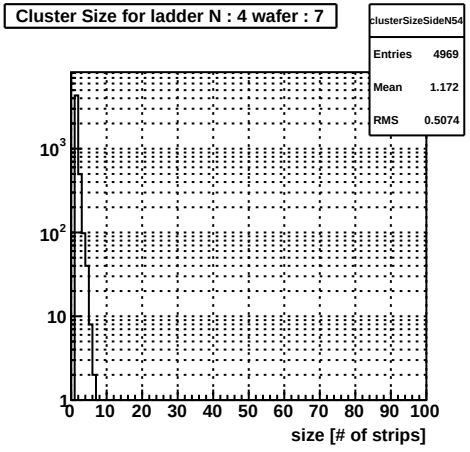

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6896
Mean 1.286
RMS 0.6701
size [# of strips]

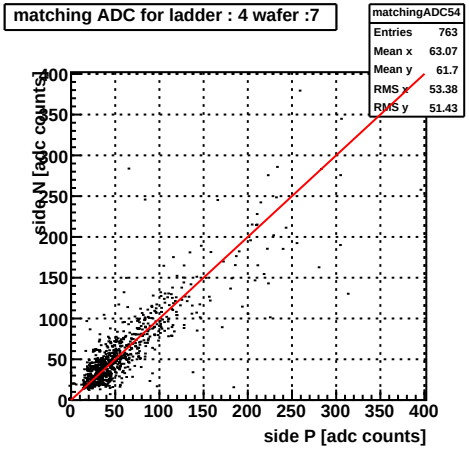

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 851
Mean x 53.26
Mean y 49.2
RMS x 53.71
RMS y 46.25
side N [adc counts]
side P [adc counts]

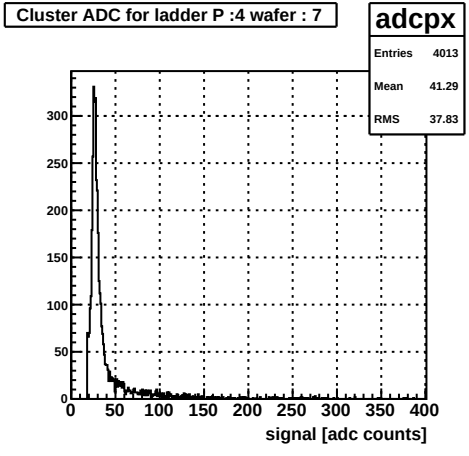

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15698
Mean 31.63
RMS 21.17
signal [adc counts]

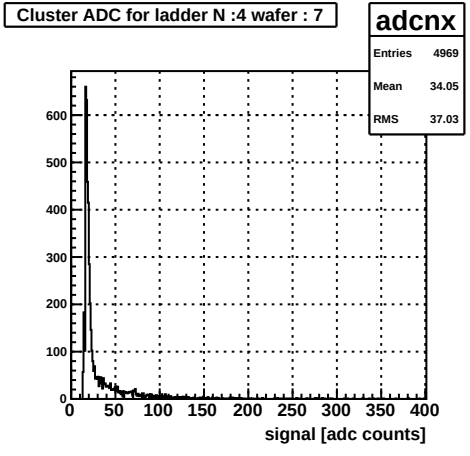

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6896
Mean 35.73
RMS 33.28
signal [adc counts]

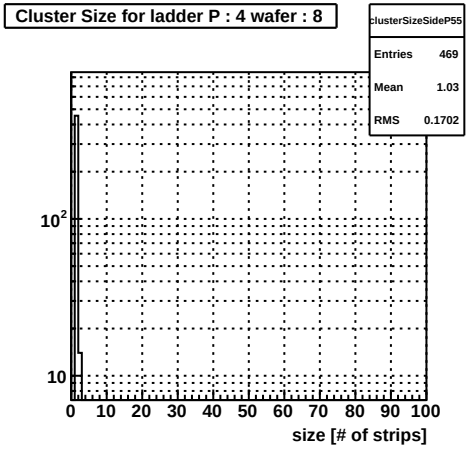

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4013
Mean 1.072
RMS 0.3094
size [# of strips]

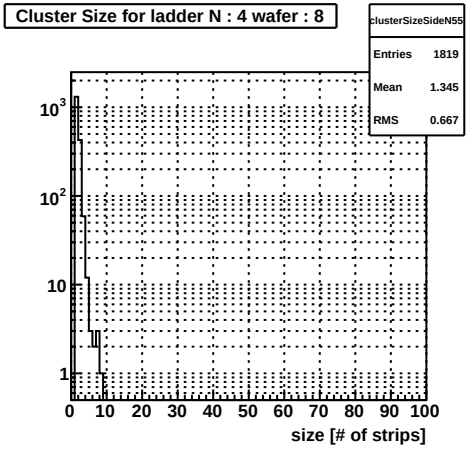

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4969
Mean 1.172
RMS 0.5074
size [# of strips]

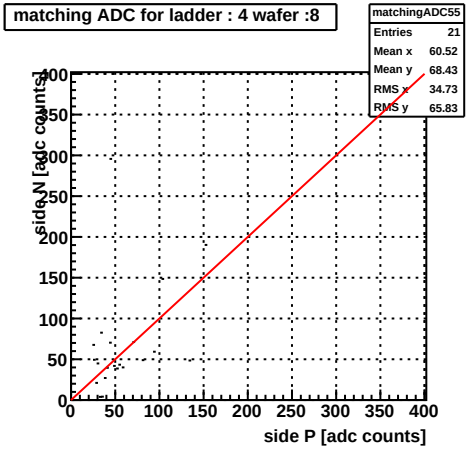

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 763
Mean x 63.07
Mean y 61.7
RMS x 53.38
RMS y 51.43
side N [adc counts]
side P [adc counts]

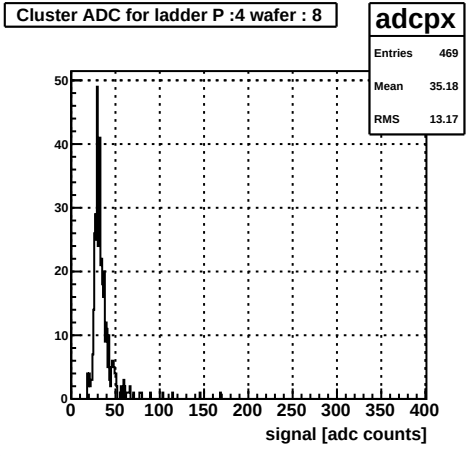

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4013
Mean 41.29
RMS 37.83
signal [adc counts]

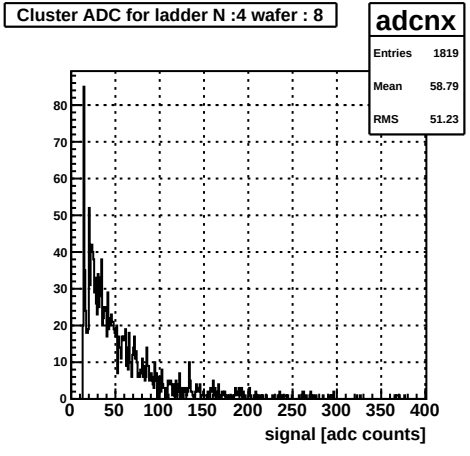

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4969
Mean 34.05
RMS 37.03
signal [adc counts]

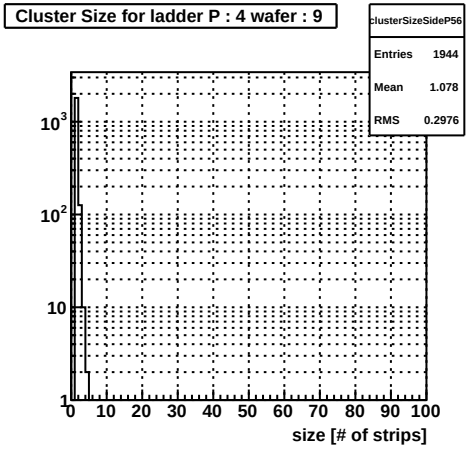

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 469
Mean 1.03
RMS 0.1702
size [# of strips]

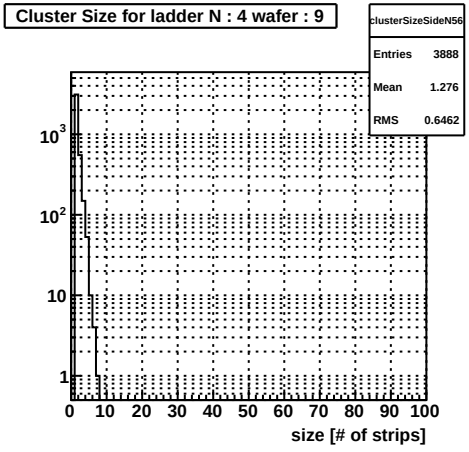

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1819
Mean 1.345
RMS 0.667
size [# of strips]

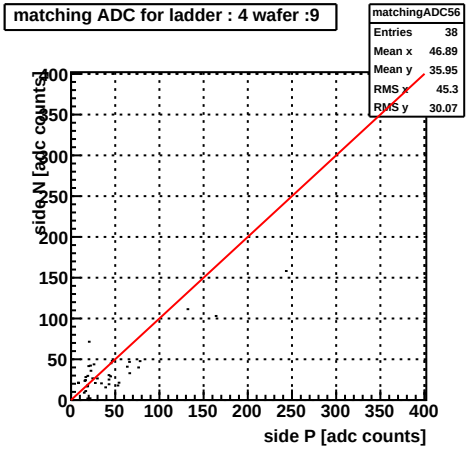

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 21
Mean x 60.52
Mean y 68.43
RMS x 34.73
RMS y 65.83
side N [adc counts]
side P [adc counts]

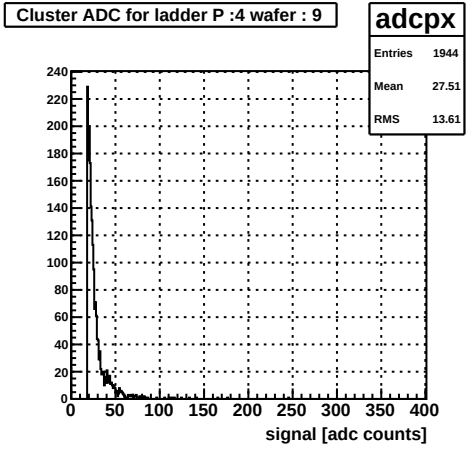

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 469
Mean 35.18
RMS 13.17
signal [adc counts]

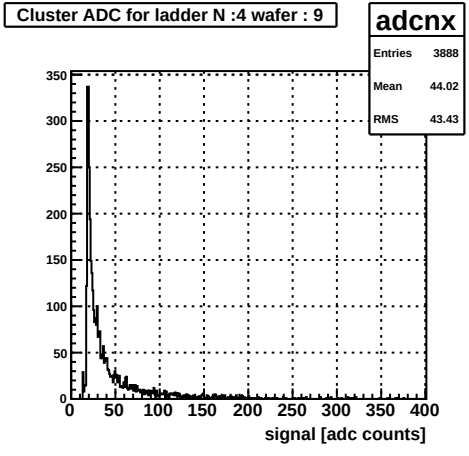

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1819
Mean 58.79
RMS 51.23
signal [adc counts]

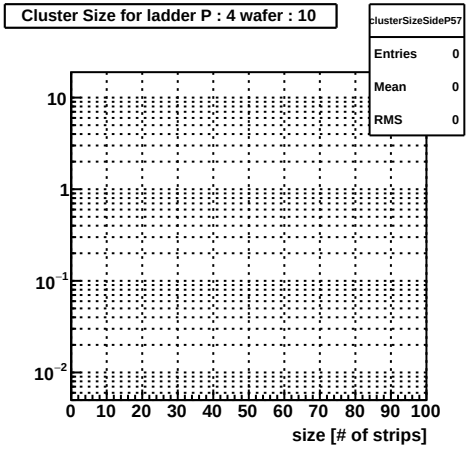

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1944
Mean 1.078
RMS 0.2976
size [# of strips]

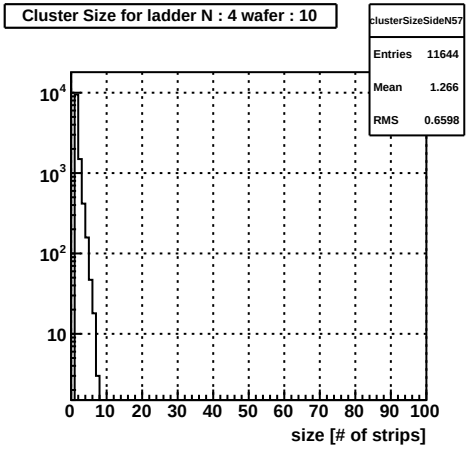

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3888
Mean 1.276
RMS 0.6462
size [# of strips]

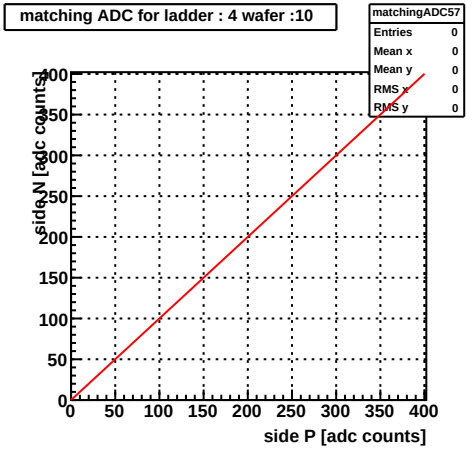

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 38
Mean x 46.89
Mean y 35.95
RMS x 45.3
RMS y 30.07
side N [adc counts]
side P [adc counts]

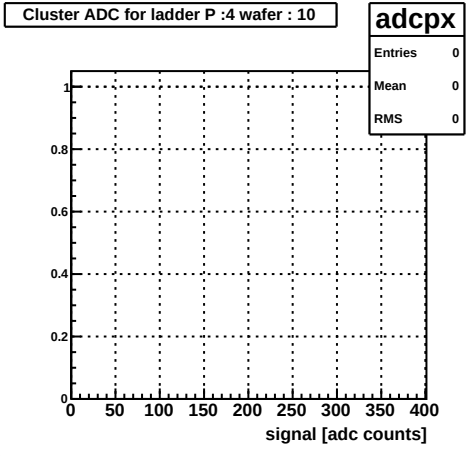

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1944
Mean 27.51
RMS 13.61
signal [adc counts]

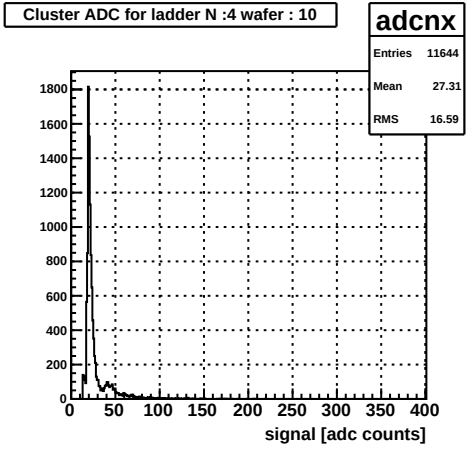

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3888
Mean 44.02
RMS 43.43
signal [adc counts]

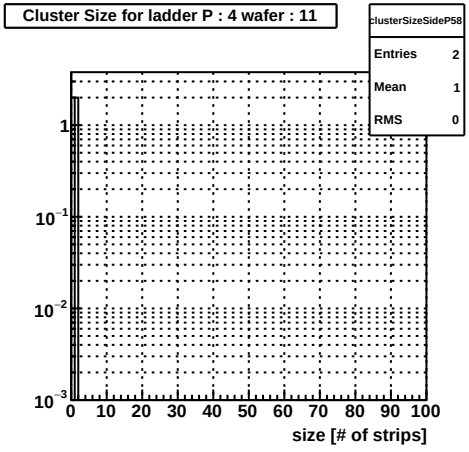

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

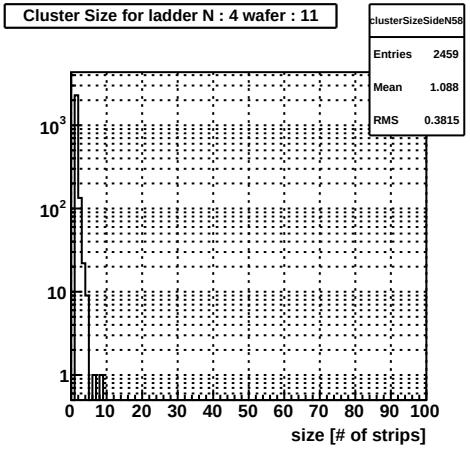

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11644
Mean 1.266
RMS 0.6598
size [# of strips]

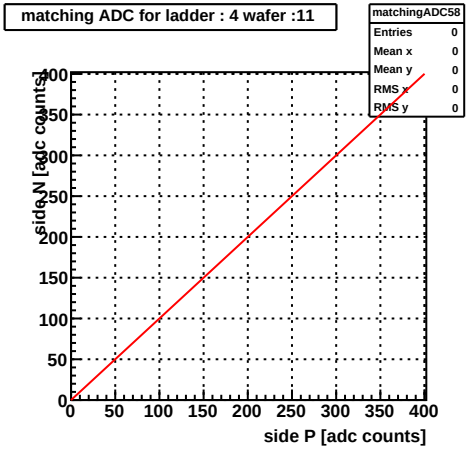

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

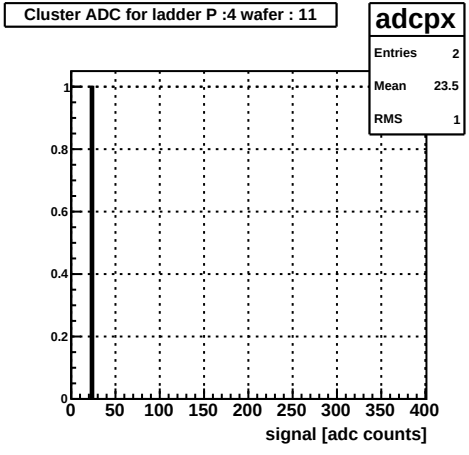

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

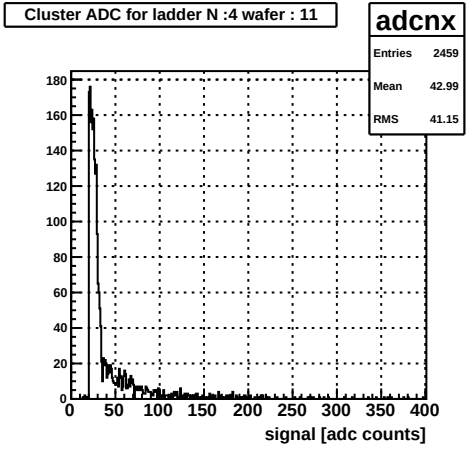

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11644
Mean 27.31
RMS 16.59
signal [adc counts]

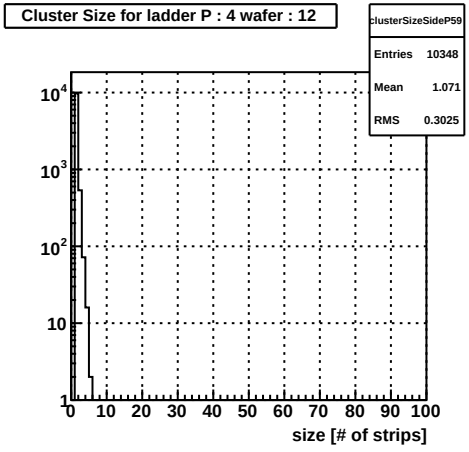

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 2
Mean 1
RMS 0
size [# of strips]

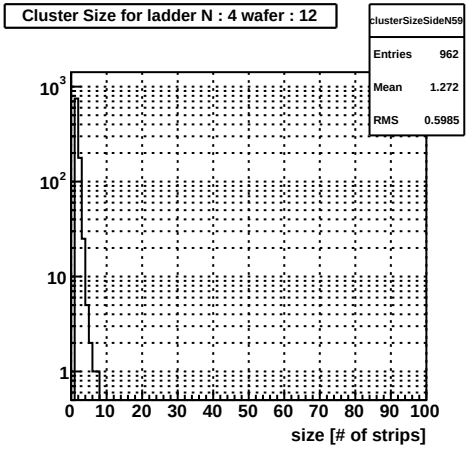

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2459
Mean 1.088
RMS 0.3815
size [# of strips]

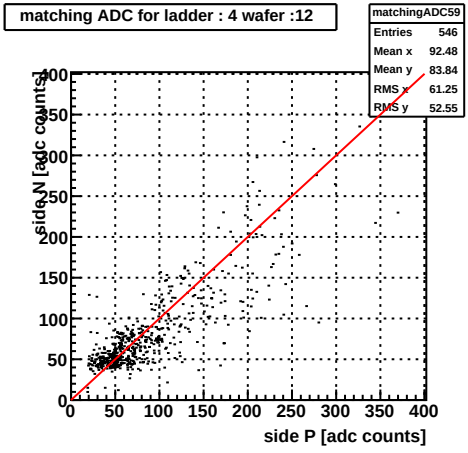

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

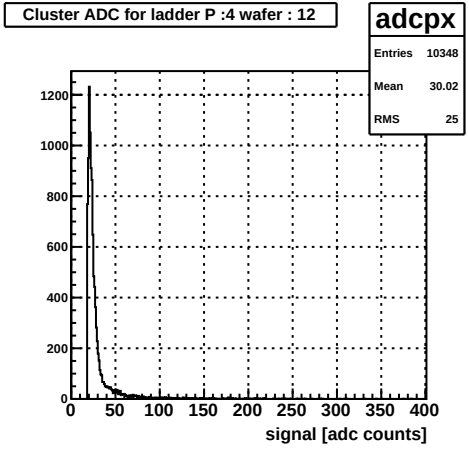

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 2
Mean 23.5
RMS 1
signal [adc counts]

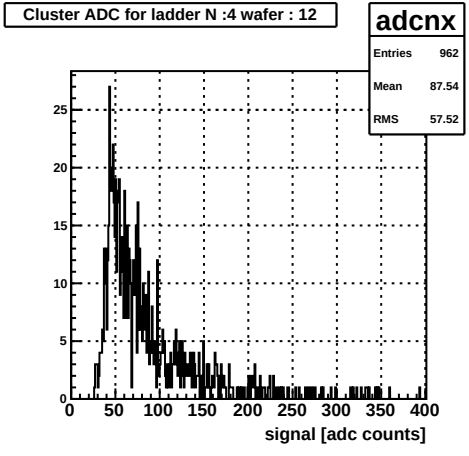

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2459
Mean 42.99
RMS 41.15
signal [adc counts]

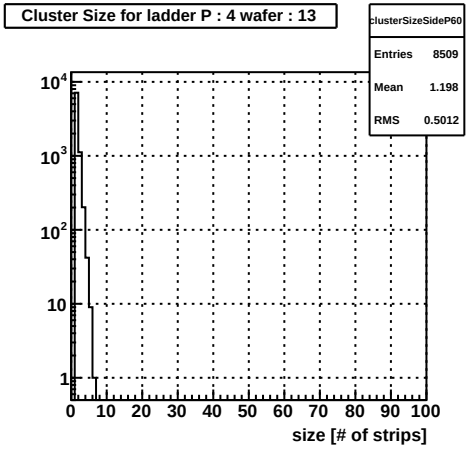

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10348
Mean 1.071
RMS 0.3025
size [# of strips]

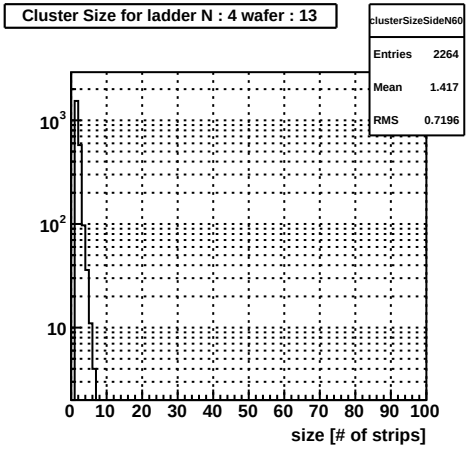

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 962
Mean 1.272
RMS 0.5985
size [# of strips]

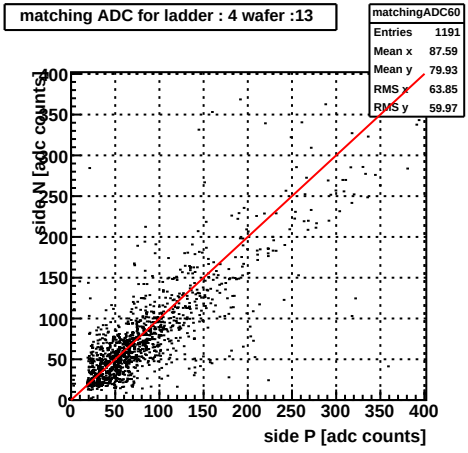

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 546
Mean x 92.48
Mean y 83.84
RMS x 61.25
RMS y 52.55
side N [adc counts]
side P [adc counts]

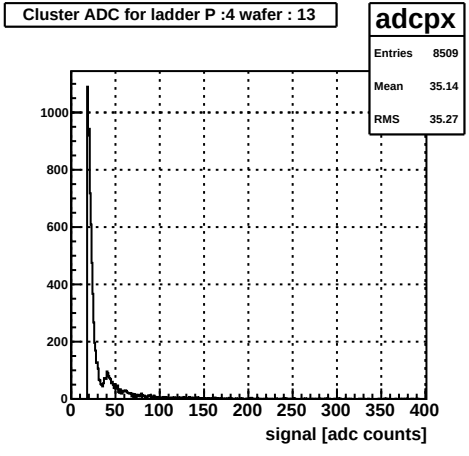

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10348
Mean 30.02
RMS 25
signal [adc counts]

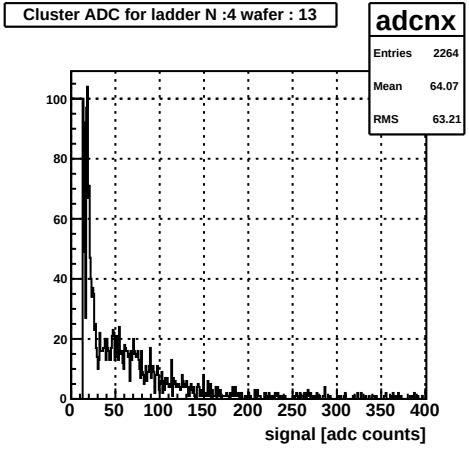

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 962
Mean 87.54
RMS 57.52
signal [adc counts]

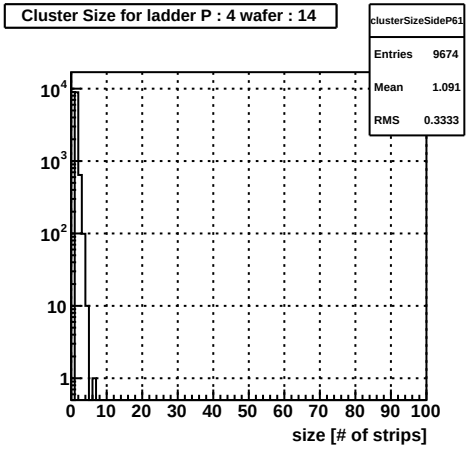

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8509
Mean 1.198
RMS 0.5012
size [# of strips]

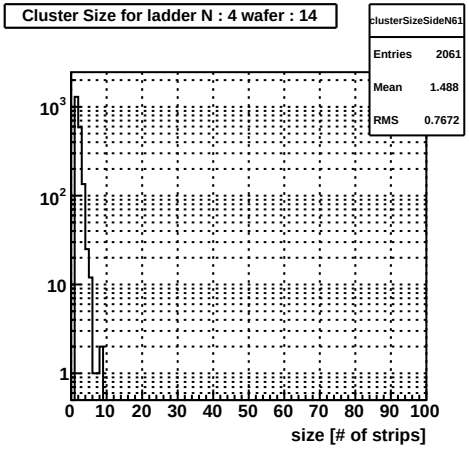

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2264
Mean 1.417
RMS 0.7196
size [# of strips]

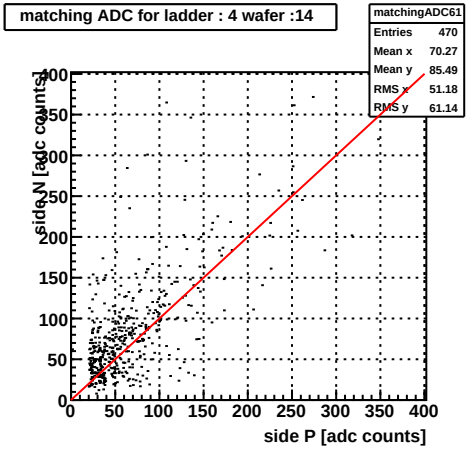

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1191
Mean x 87.59
Mean y 79.93
RMS x 63.85
RMS y 59.97
side N [adc counts]
side P [adc counts]

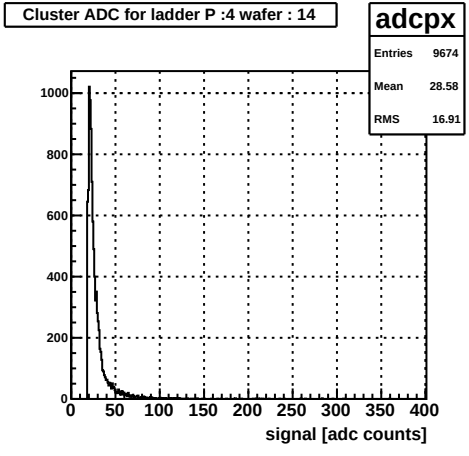

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8509
Mean 35.14
RMS 35.27
signal [adc counts]

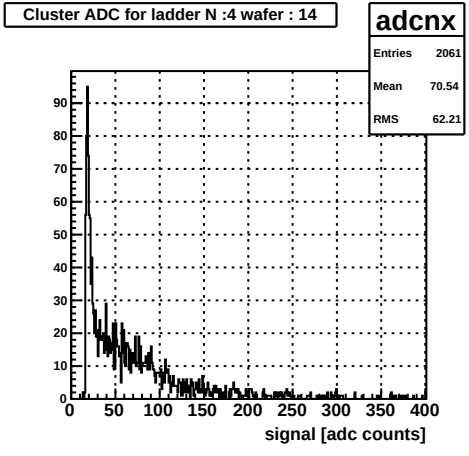

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2264
Mean 64.07
RMS 63.21
signal [adc counts]

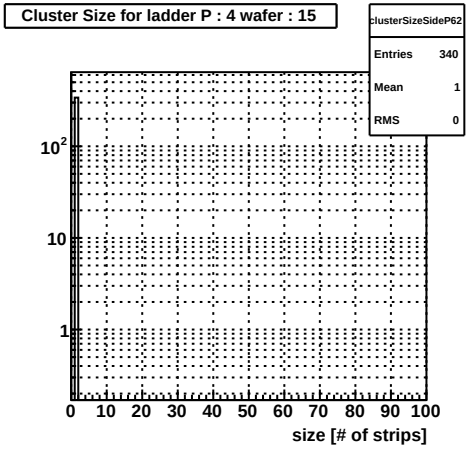

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9674
Mean 1.091
RMS 0.3333
size [# of strips]

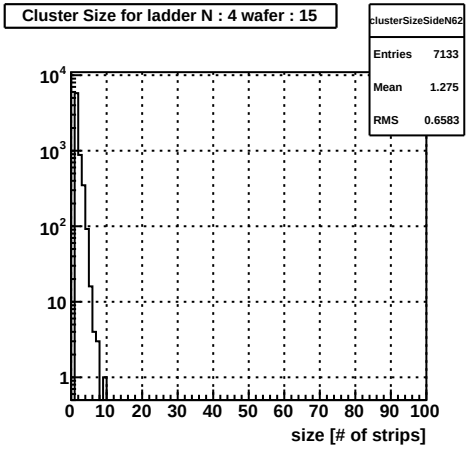

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2061
Mean 1.488
RMS 0.7672
size [# of strips]

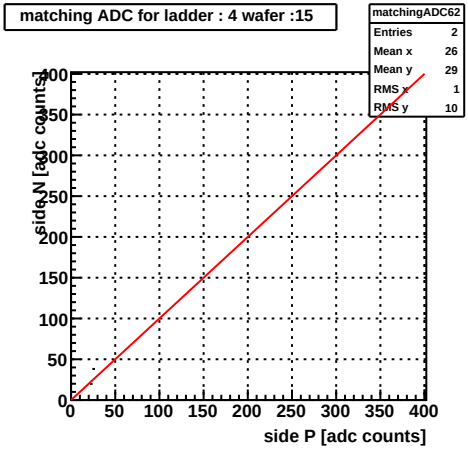

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 470
Mean x 70.27
Mean y 85.49
RMS x 51.18
RMS y 61.14
side N [adc counts]
side P [adc counts]

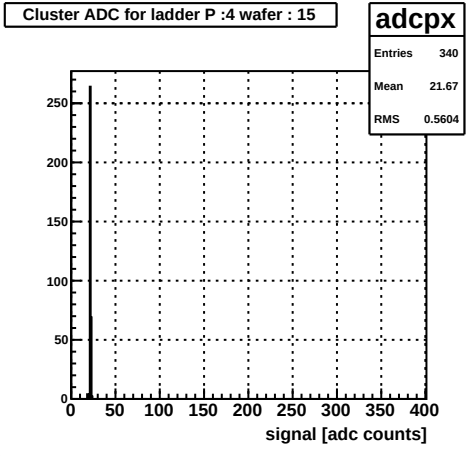

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9674
Mean 28.58
RMS 16.91
signal [adc counts]

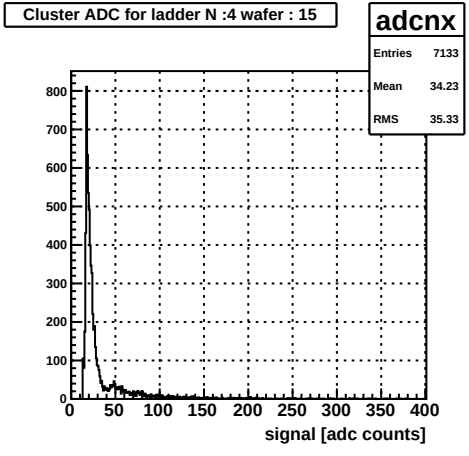

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2061
Mean 70.54
RMS 62.21
signal [adc counts]

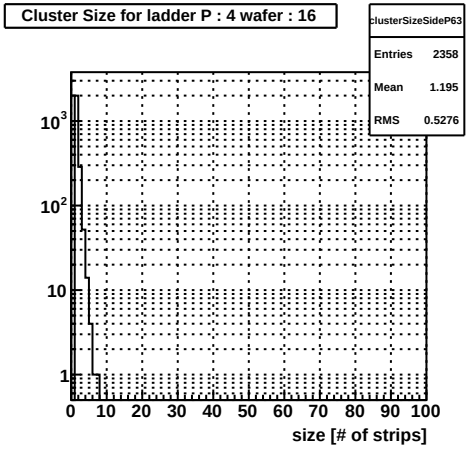

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 340
Mean 1
RMS 0
size [# of strips]

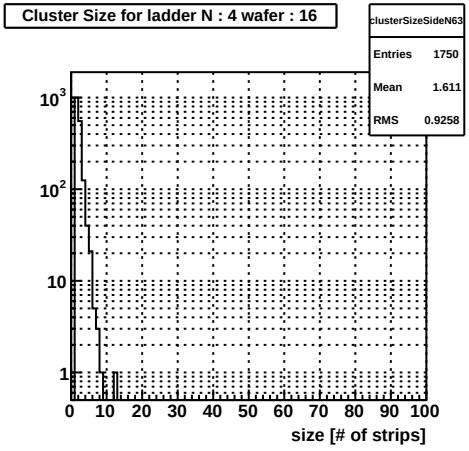

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 7133
Mean 1.275
RMS 0.6583
size [# of strips]

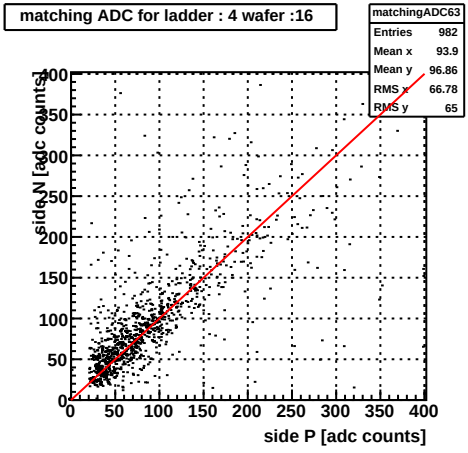

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 2
Mean x 26
Mean y 29
RMS x 1
RMS y 10
side N [adc counts]
side P [adc counts]

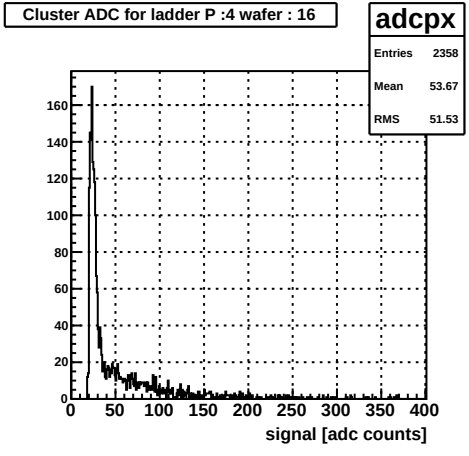

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 340
Mean 21.67
RMS 0.5604
signal [adc counts]

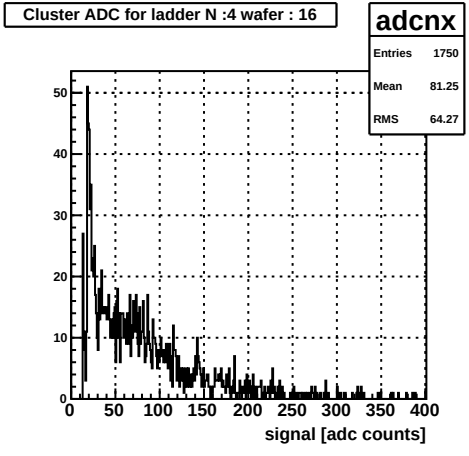

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 7133
Mean 34.23
RMS 35.33
signal [adc counts]

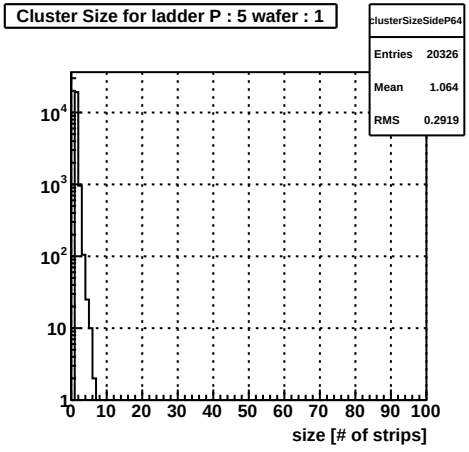

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2358
Mean 1.195
RMS 0.5276
size [# of strips]

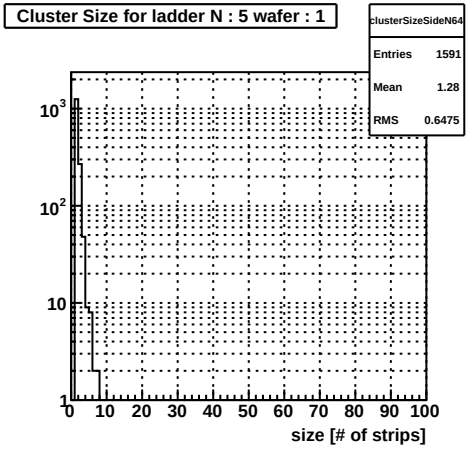

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1750
Mean 1.611
RMS 0.9258
size [# of strips]

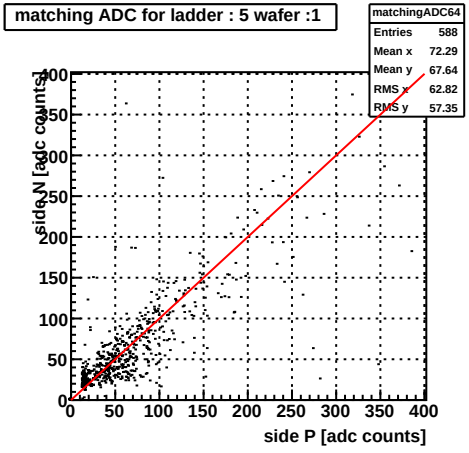

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 982
Mean x 93.9
Mean y 96.86
RMS x 66.78
RMS y 65
side N [adc counts]
side P [adc counts]

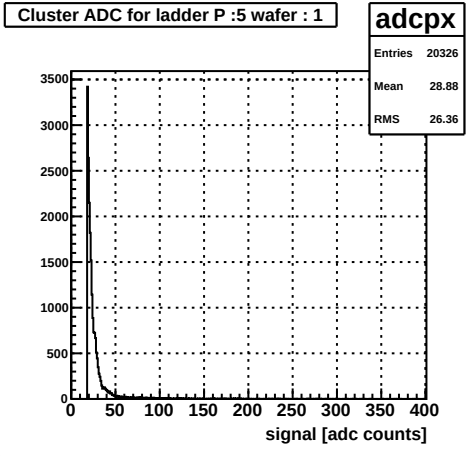

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2358
Mean 53.67
RMS 51.53
signal [adc counts]

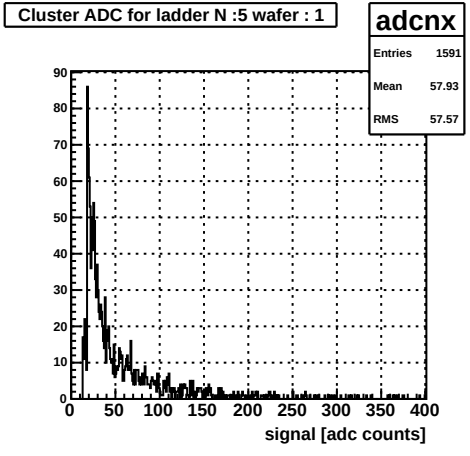

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1750
Mean 81.25
RMS 64.27
signal [adc counts]

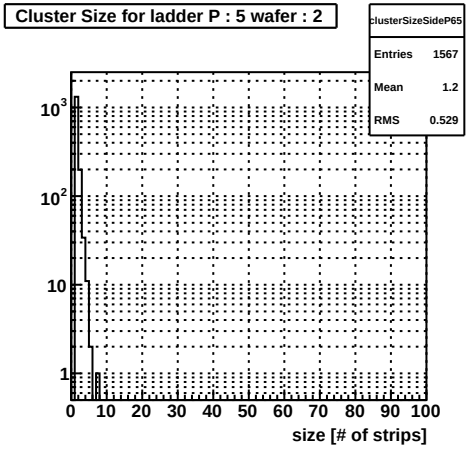

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20326
Mean 1.064
RMS 0.2919
size [# of strips]

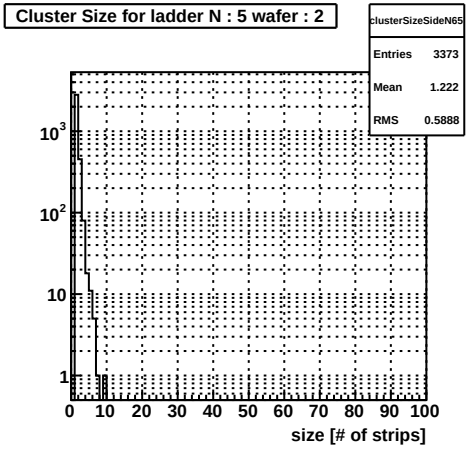

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1591
Mean 1.28
RMS 0.6475
size [# of strips]

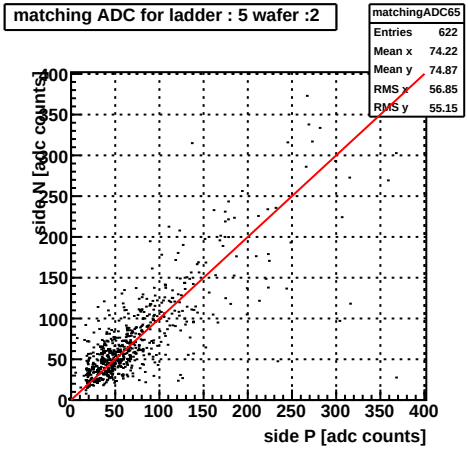

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 588
Mean x 72.29
Mean y 67.64
RMS x 62.82
RMS y 57.35
side N [adc counts]
side P [adc counts]

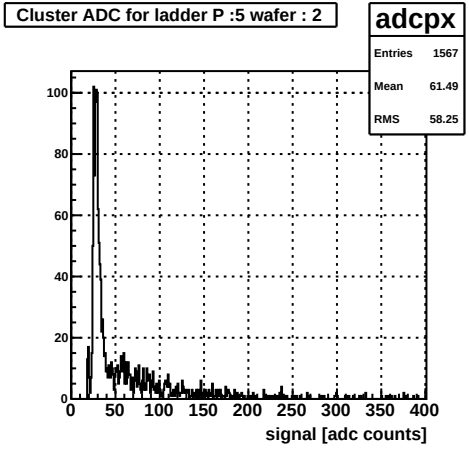

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20326
Mean 28.88
RMS 26.36
signal [adc counts]

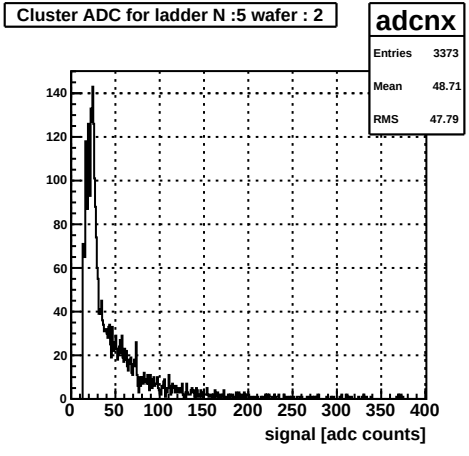

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1591
Mean 57.93
RMS 57.57
signal [adc counts]

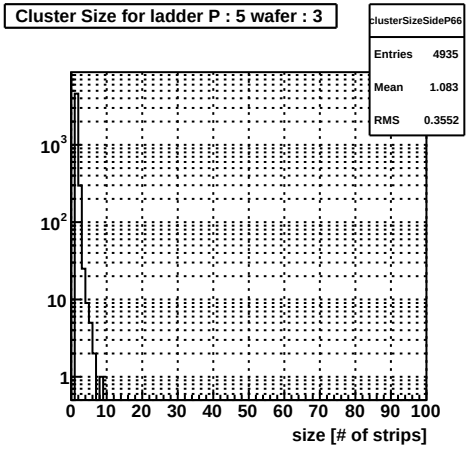

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1567
Mean 1.2
RMS 0.529
size [# of strips]

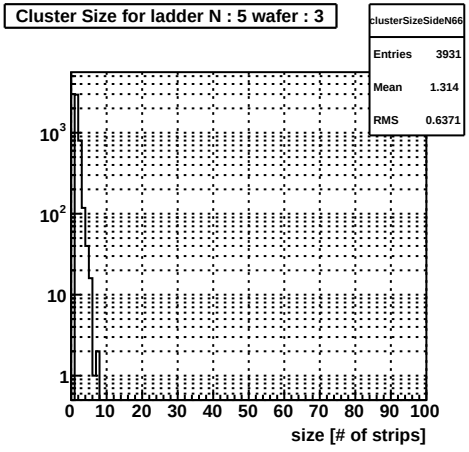

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3373
Mean 1.222
RMS 0.5888
size [# of strips]

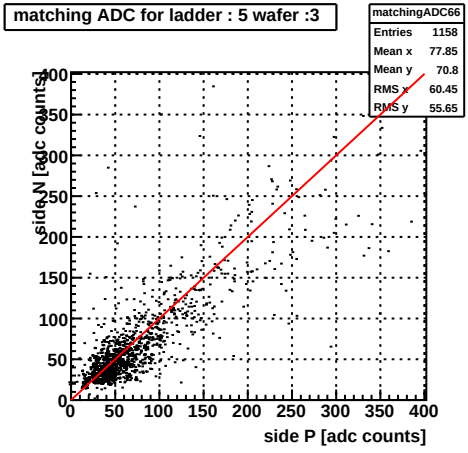

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 622
Mean x 74.22
Mean y 74.87
RMS x 56.85
RMS y 55.15
side N [adc counts]
side P [adc counts]

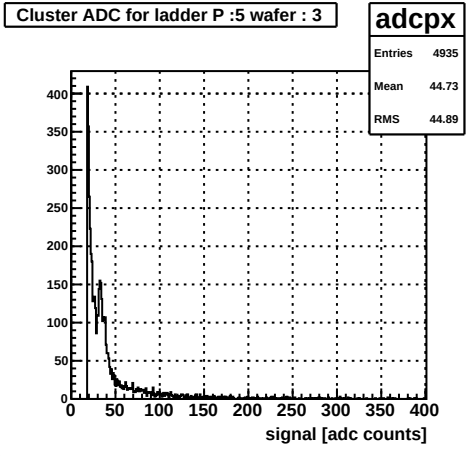

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1567
Mean 61.49
RMS 58.25
signal [adc counts]

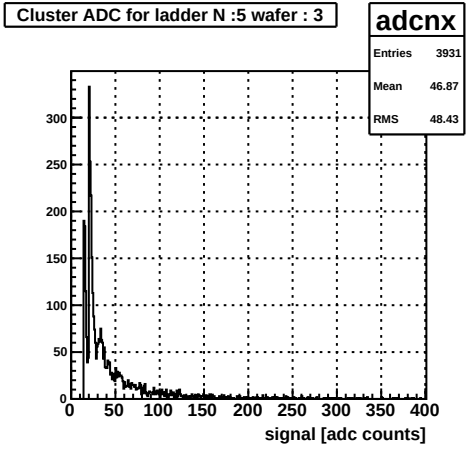

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3373
Mean 48.71
RMS 47.79
signal [adc counts]

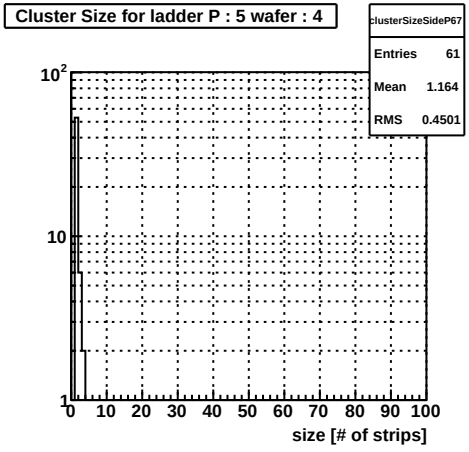

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 4935
Mean 1.083
RMS 0.3552
size [# of strips]

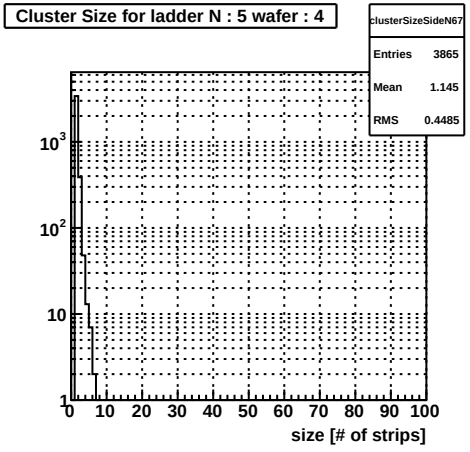

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3931
Mean 1.314
RMS 0.6371
size [# of strips]

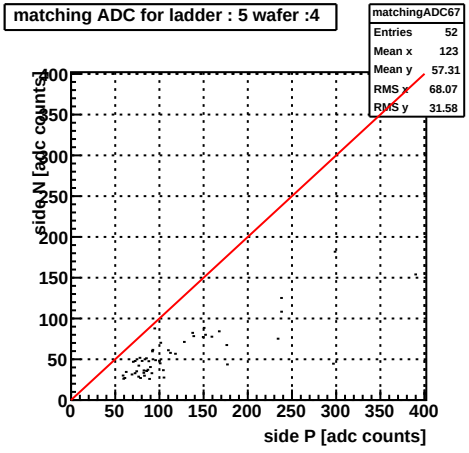

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1158
Mean x 77.85
Mean y 70.8
RMS x 60.45
RMS y 55.65
side N [adc counts]
side P [adc counts]

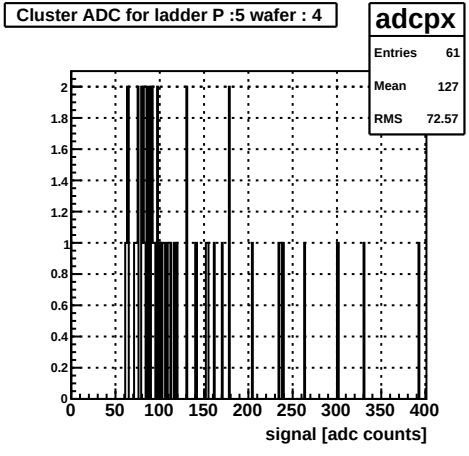

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 4935
Mean 44.73
RMS 44.89
signal [adc counts]

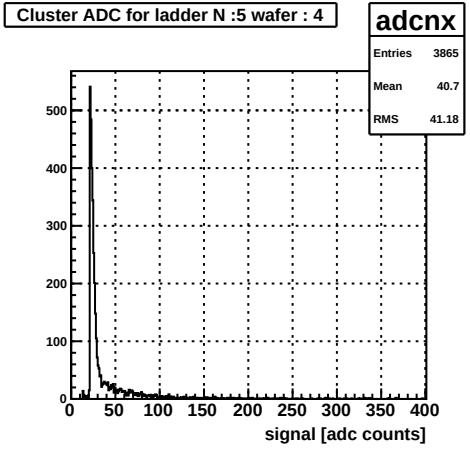

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3931
Mean 46.87
RMS 48.43
signal [adc counts]

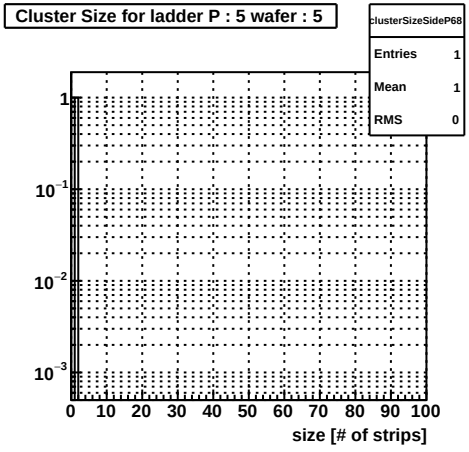

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 61
Mean 1.164
RMS 0.4501
size [# of strips]

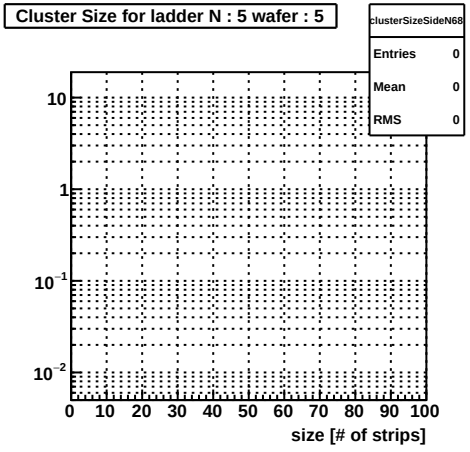

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3865
Mean 1.145
RMS 0.4485
size [# of strips]

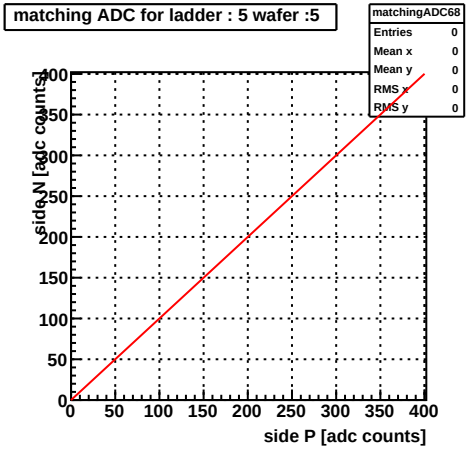

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 52
Mean x 123
Mean y 57.31
RMS x 68.07
RMS y 31.58
side N [adc counts]
side P [adc counts]

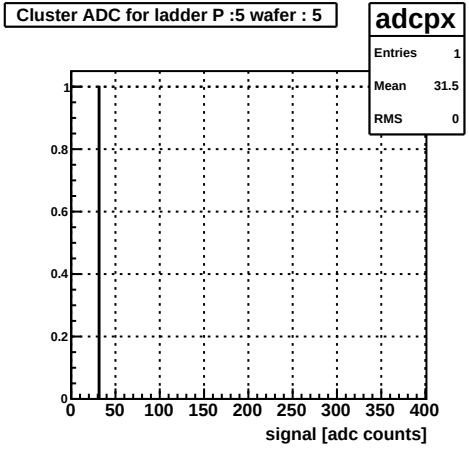

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 61
Mean 127
RMS 72.57
signal [adc counts]

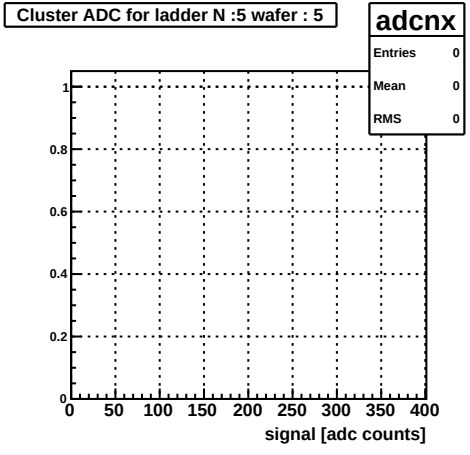

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3865
Mean 40.7
RMS 41.18
signal [adc counts]

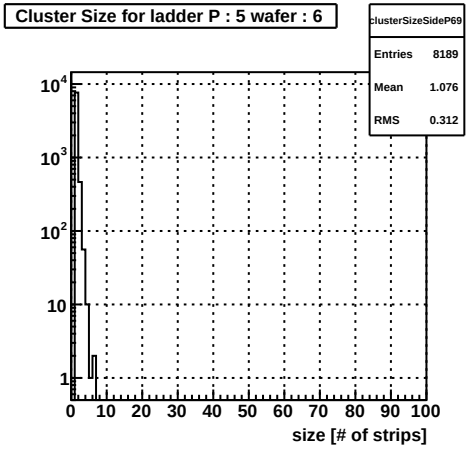

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 1
Mean 1
RMS 0
size [# of strips]

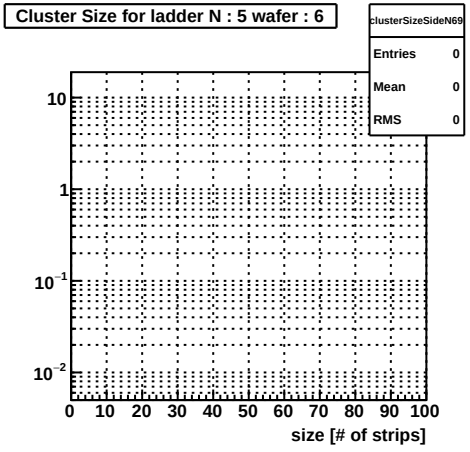

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

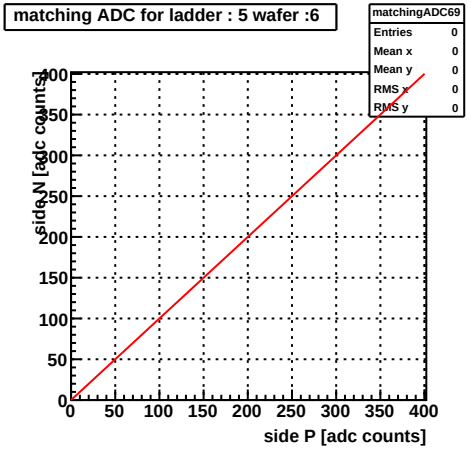

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

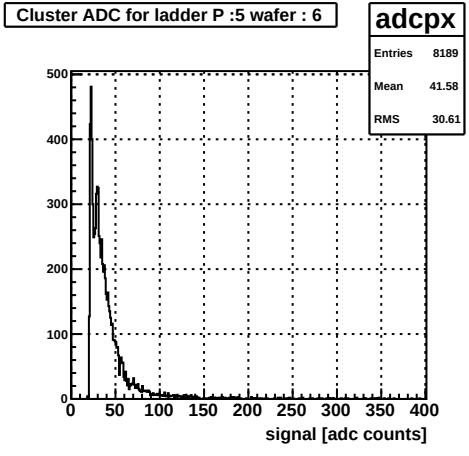

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 1
Mean 31.5
RMS 0
signal [adc counts]

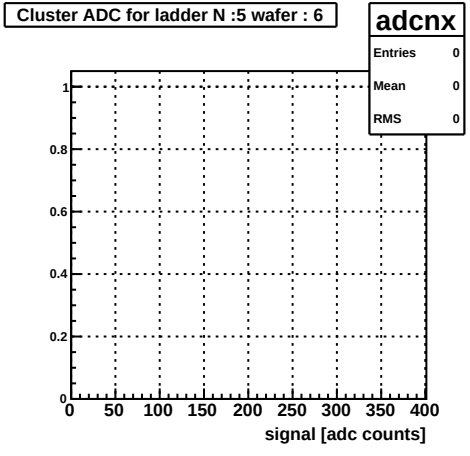

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

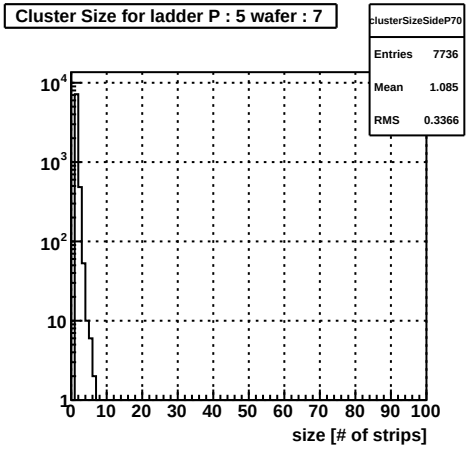

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8189
Mean 1.076
RMS 0.312
size [# of strips]

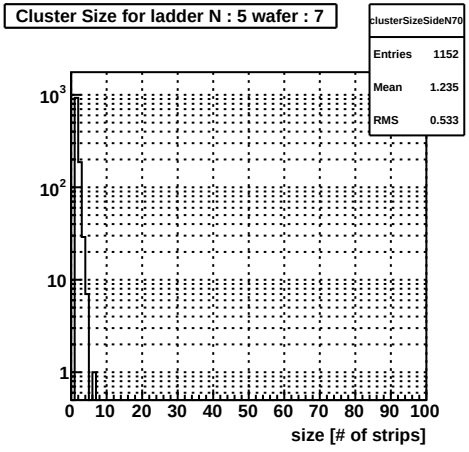

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 0
Mean 0
RMS 0
size [# of strips]

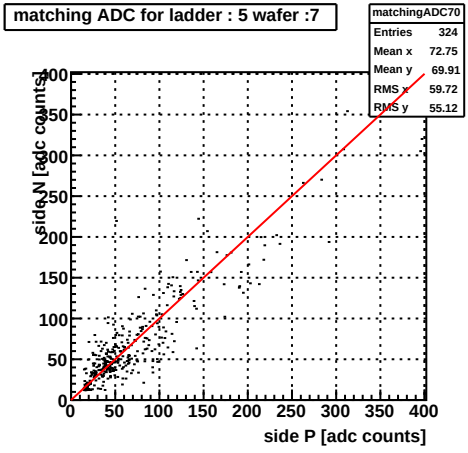

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

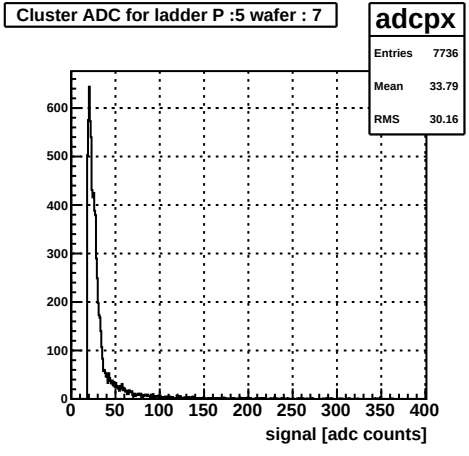

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8189
Mean 41.58
RMS 30.61
signal [adc counts]

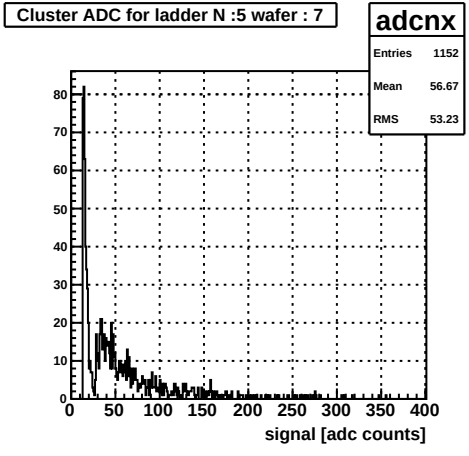

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

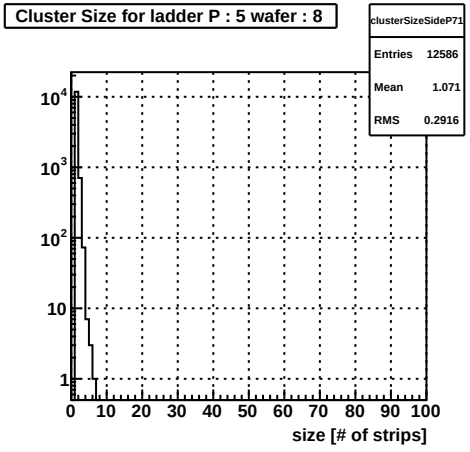

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7736
Mean 1.085
RMS 0.3366
size [# of strips]

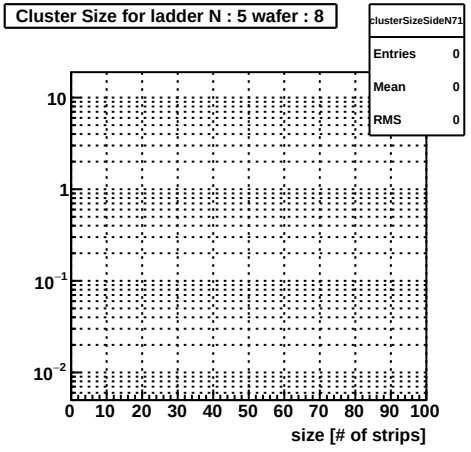

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1152
Mean 1.235
RMS 0.533
size [# of strips]

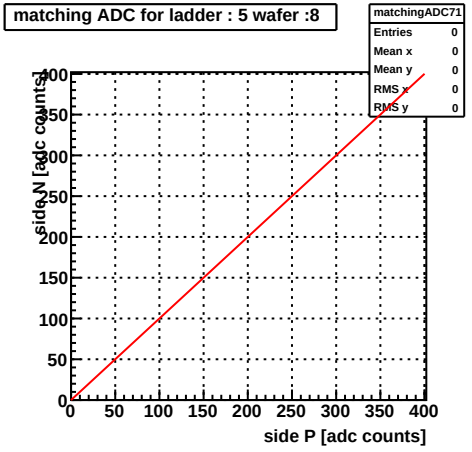

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 324
Mean x 72.75
Mean y 69.91
RMS x 59.72
RMS y 55.12
side N [adc counts]
side P [adc counts]

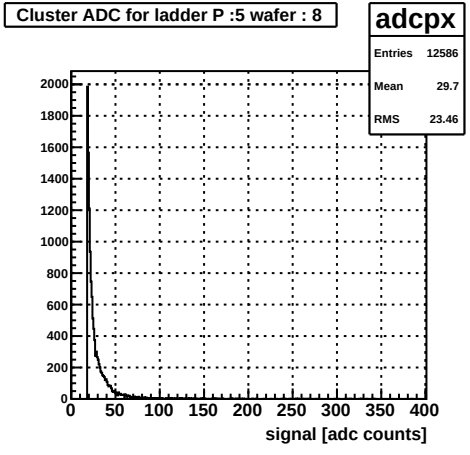

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7736
Mean 33.79
RMS 30.16
signal [adc counts]

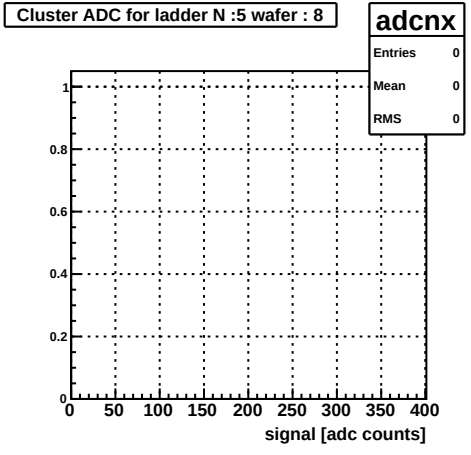

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1152
Mean 56.67
RMS 53.23
signal [adc counts]

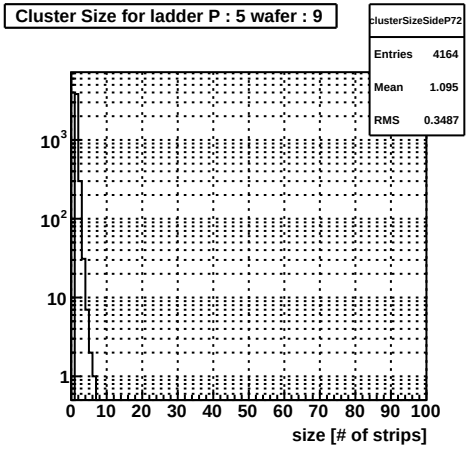

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 12586
Mean 1.071
RMS 0.2916
size [# of strips]

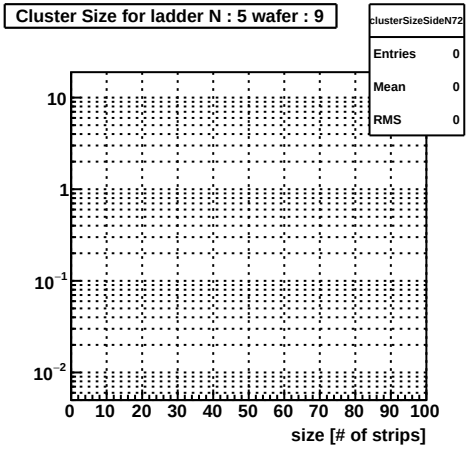

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

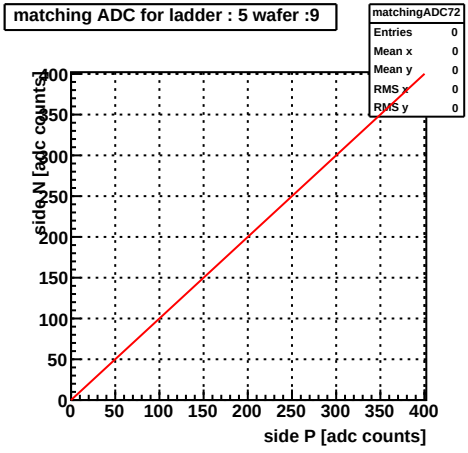

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

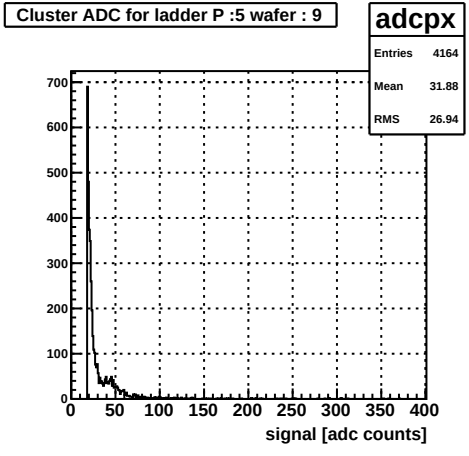

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 12586
Mean 29.7
RMS 23.46
signal [adc counts]

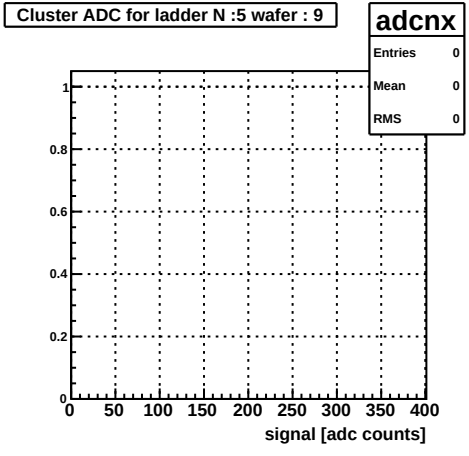

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

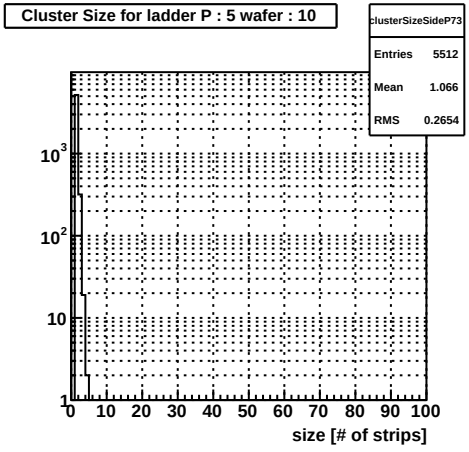

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4164
Mean 1.095
RMS 0.3487
size [# of strips]

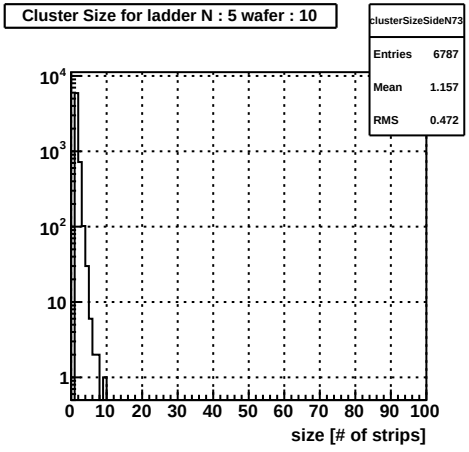

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

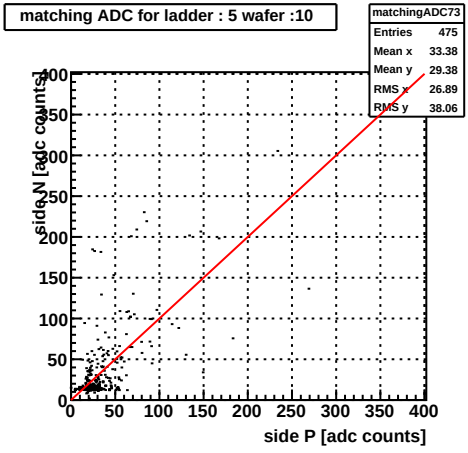

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

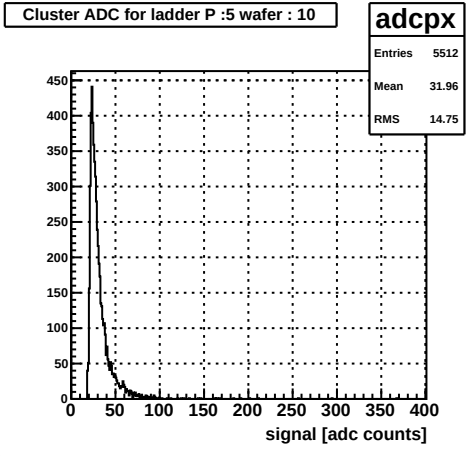

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4164
Mean 31.88
RMS 26.94
signal [adc counts]

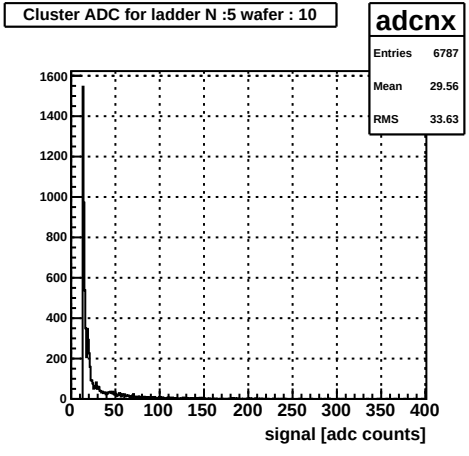

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

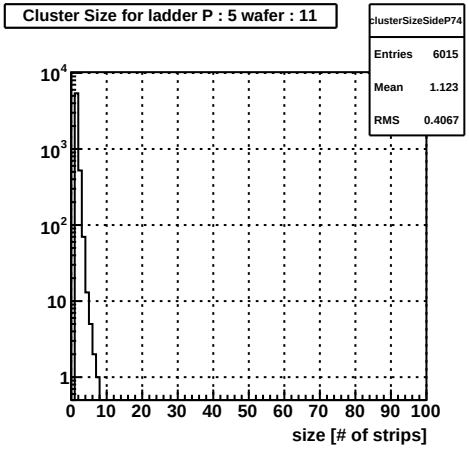

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5512
Mean 1.066
RMS 0.2654
size [# of strips]

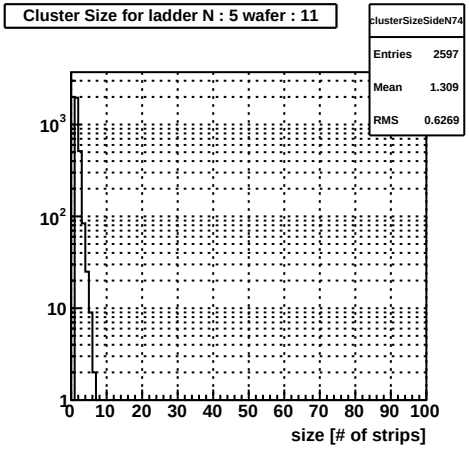

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6787
Mean 1.157
RMS 0.472
size [# of strips]

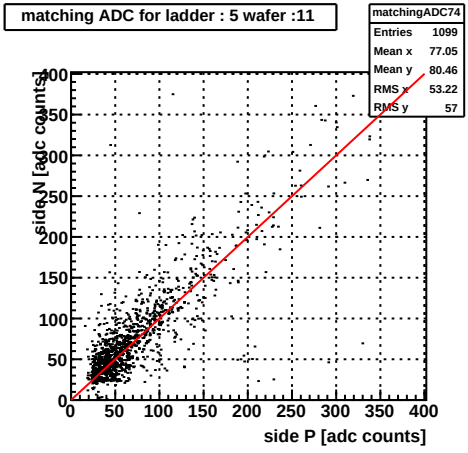

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 475
Mean x 33.38
Mean y 29.38
RMS x 26.89
RMS y 38.06
side N [adc counts]
side P [adc counts]

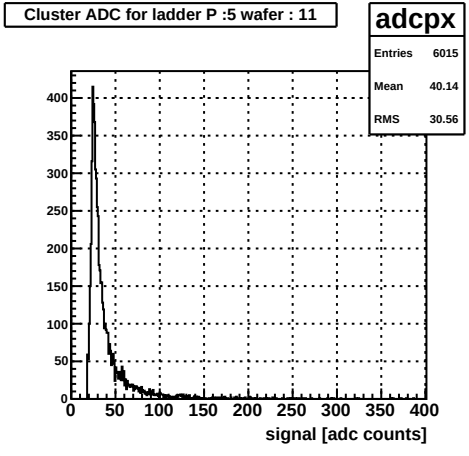

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5512
Mean 31.96
RMS 14.75
signal [adc counts]

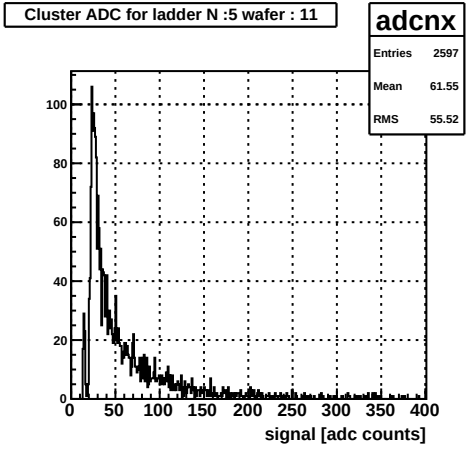

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6787
Mean 29.56
RMS 33.63
signal [adc counts]

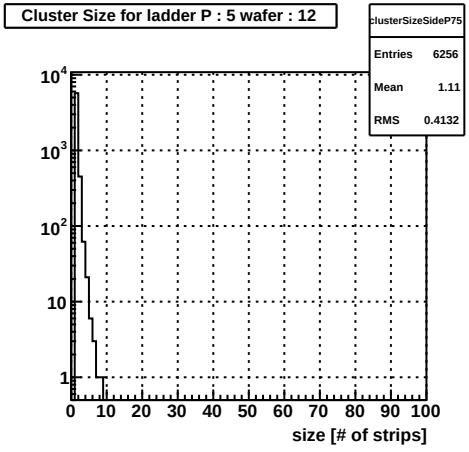

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6015
Mean 1.123
RMS 0.4067
size [# of strips]

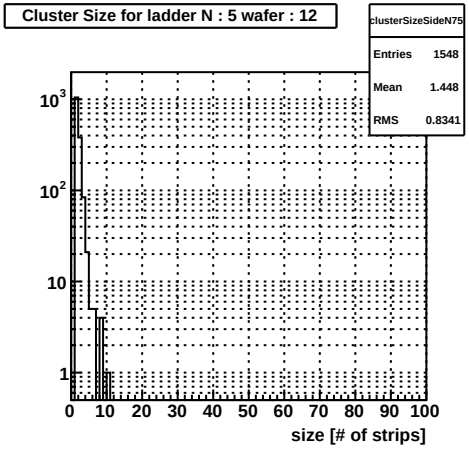

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2597
Mean 1.309
RMS 0.6269
size [# of strips]

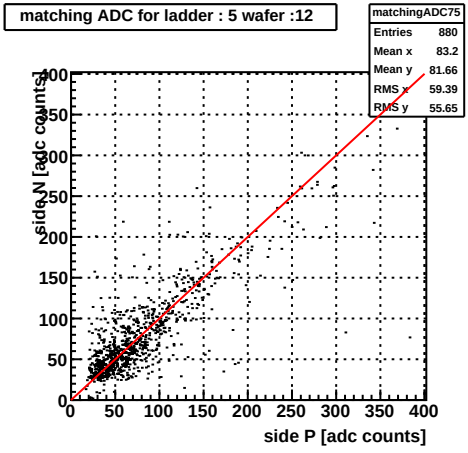

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1099
Mean x 77.05
Mean y 80.46
RMS x 53.22
RMS y 57
side N [adc counts]
side P [adc counts]

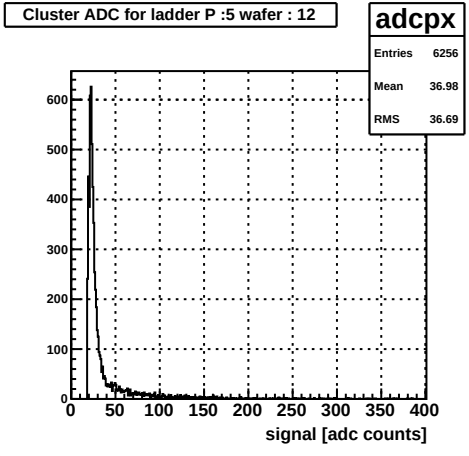

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6015
Mean 40.14
RMS 30.56
signal [adc counts]

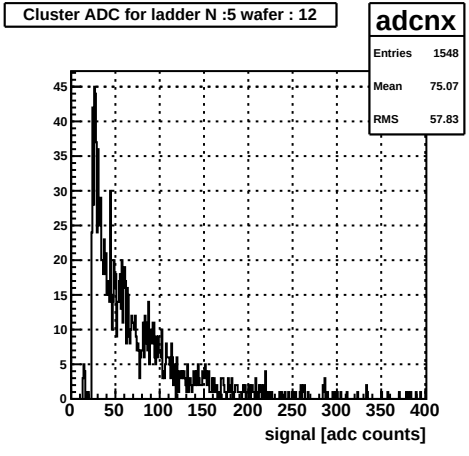

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2597
Mean 61.55
RMS 55.52
signal [adc counts]

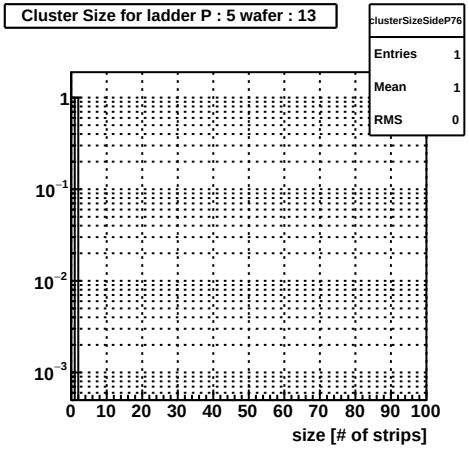

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6256
Mean 1.11
RMS 0.4132
size [# of strips]

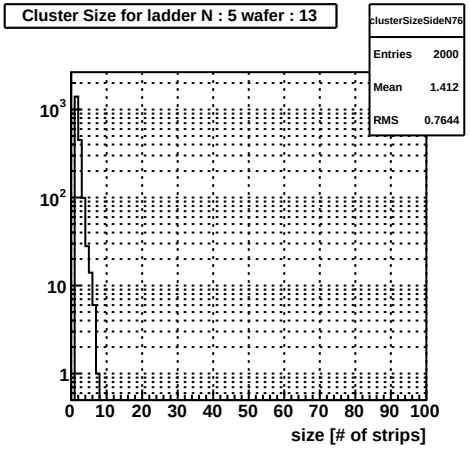

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1548
Mean 1.448
RMS 0.8341
size [# of strips]

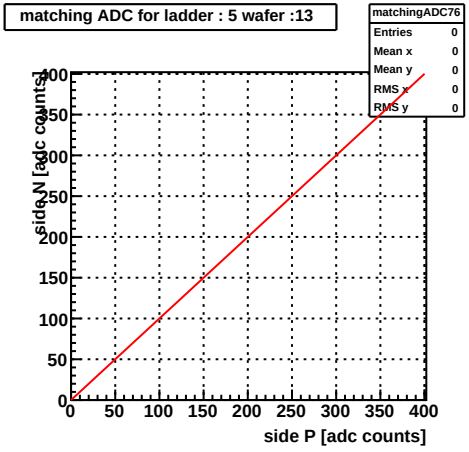

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 880
Mean x 83.2
Mean y 81.66
RMS x 59.39
RMS y 55.65
side N [adc counts]
side P [adc counts]

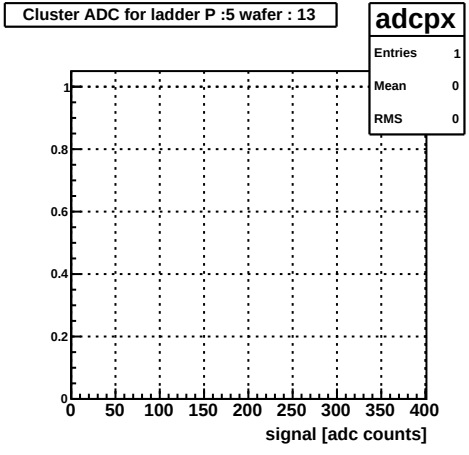

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6256
Mean 36.98
RMS 36.69
signal [adc counts]

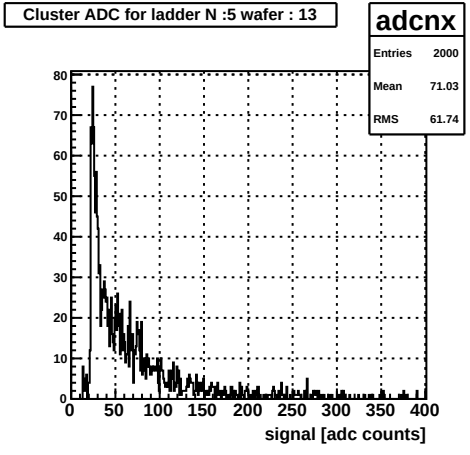

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1548
Mean 75.07
RMS 57.83
signal [adc counts]

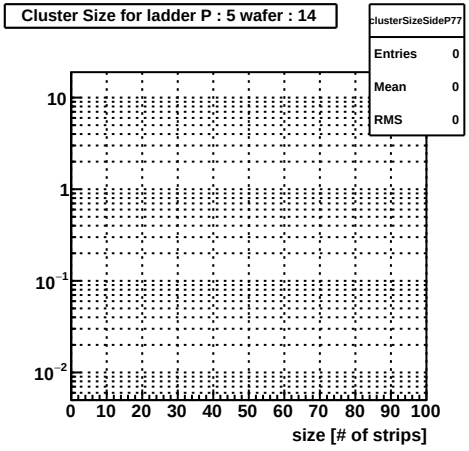

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

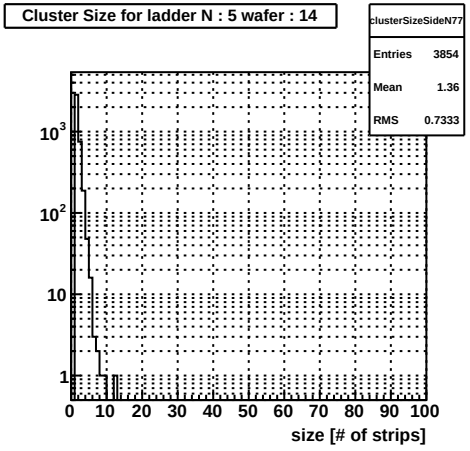

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2000
Mean 1.412
RMS 0.7644
size [# of strips]

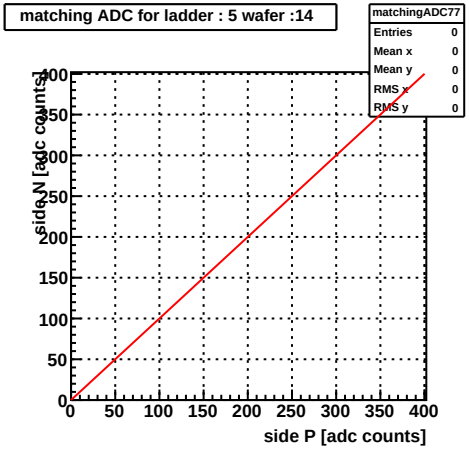

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

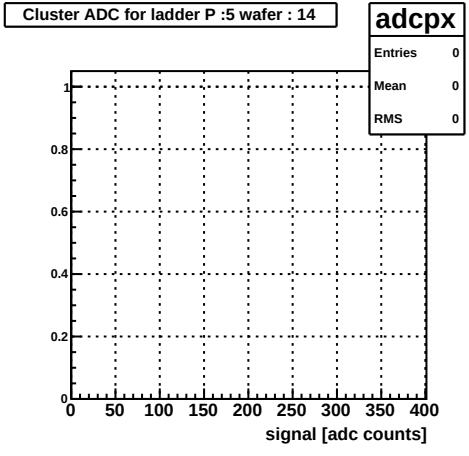

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

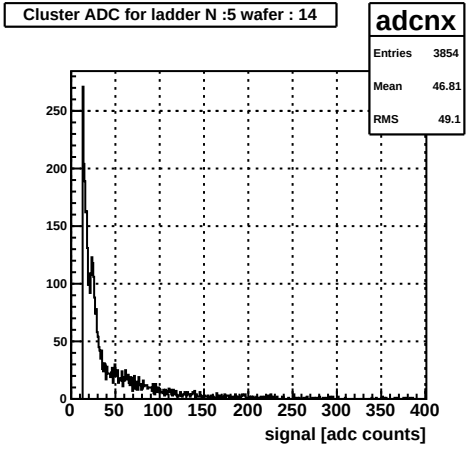

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2000
Mean 71.03
RMS 61.74
signal [adc counts]

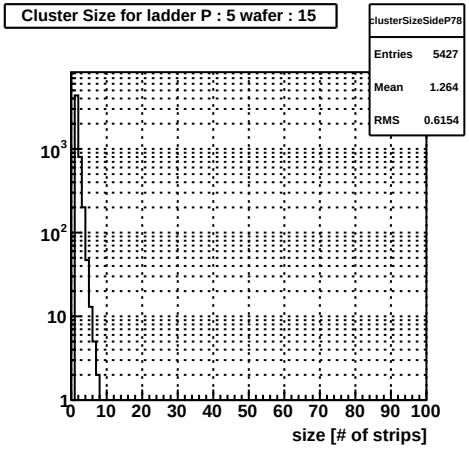

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

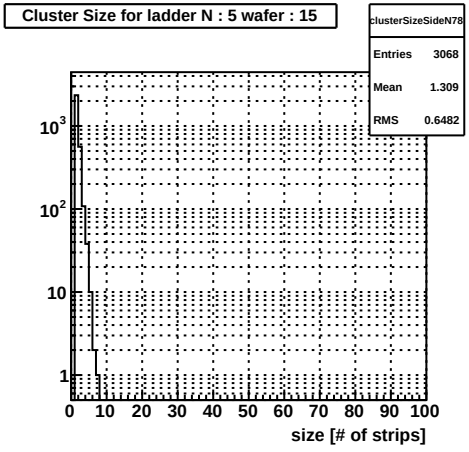

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3854
Mean 1.36
RMS 0.7333
size [# of strips]

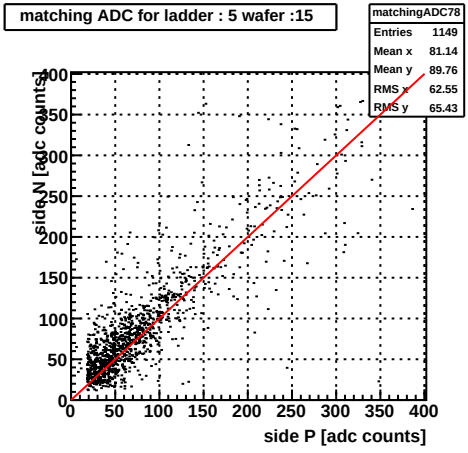

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

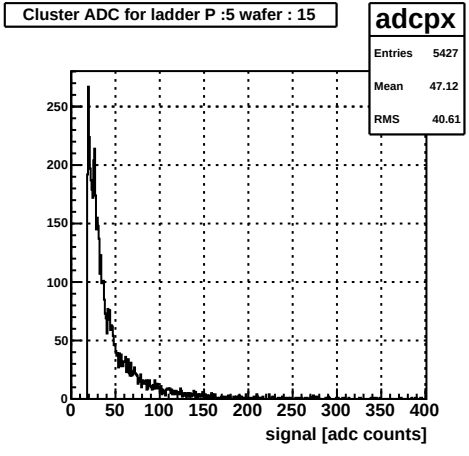

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

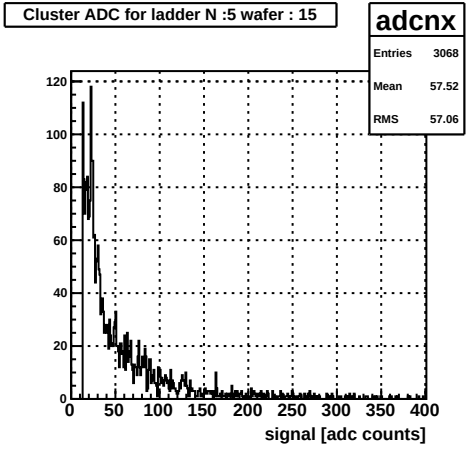

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3854
Mean 46.81
RMS 49.1
signal [adc counts]

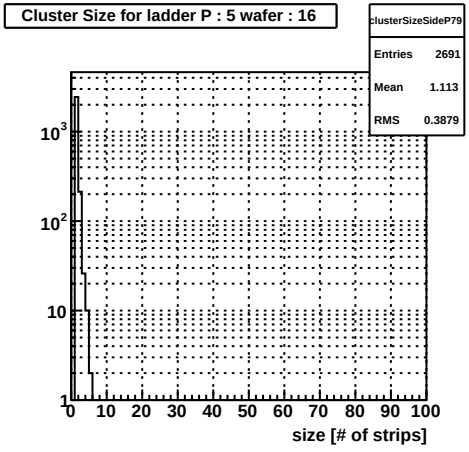

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5427
Mean 1.264
RMS 0.6154
size [# of strips]

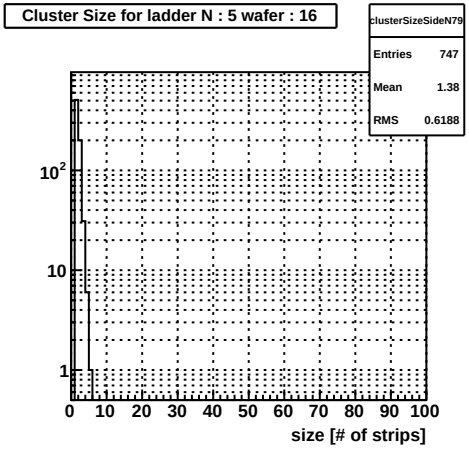

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3068
Mean 1.309
RMS 0.6482
size [# of strips]

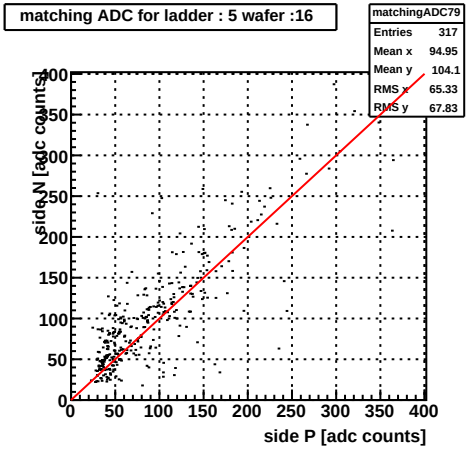

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1149
Mean x 81.14
Mean y 89.76
RMS x 62.55
RMS y 65.43
side N [adc counts]
side P [adc counts]

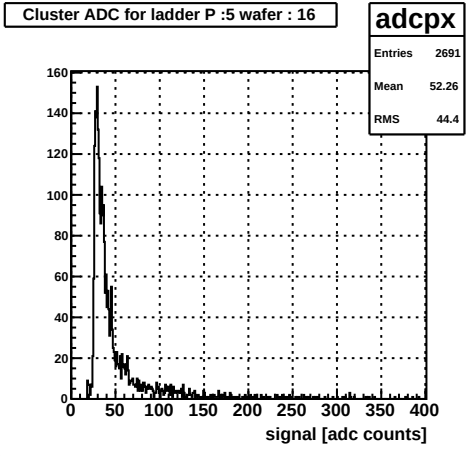

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5427
Mean 47.12
RMS 40.61
signal [adc counts]

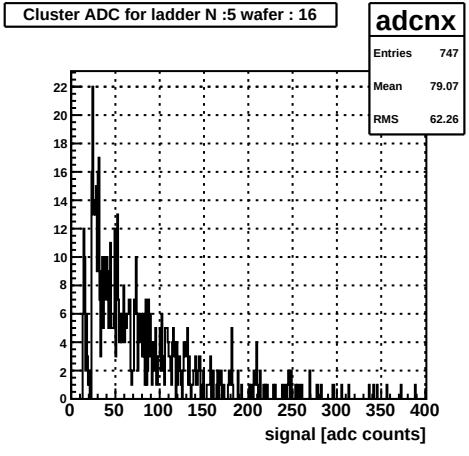

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3068
Mean 57.52
RMS 57.06
signal [adc counts]

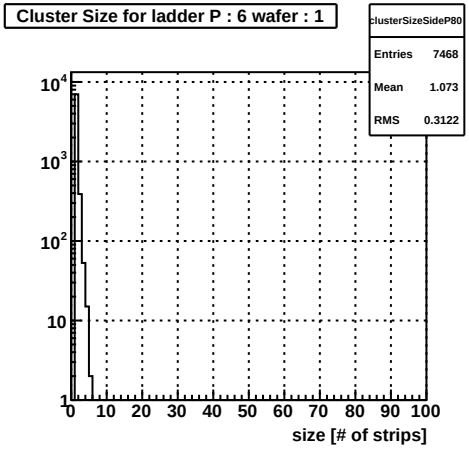

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2691
Mean 1.113
RMS 0.3879
size [# of strips]

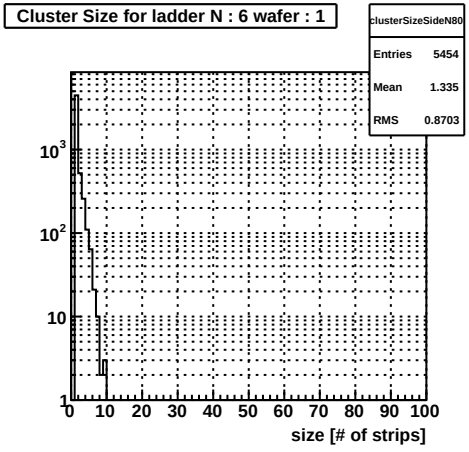

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 747
Mean 1.38
RMS 0.6188
size [# of strips]

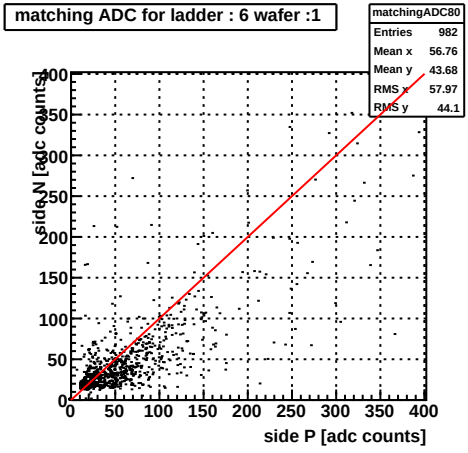

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 317
Mean x 94.95
Mean y 104.1
RMS x 65.33
RMS y 67.83
side N [adc counts]
side P [adc counts]

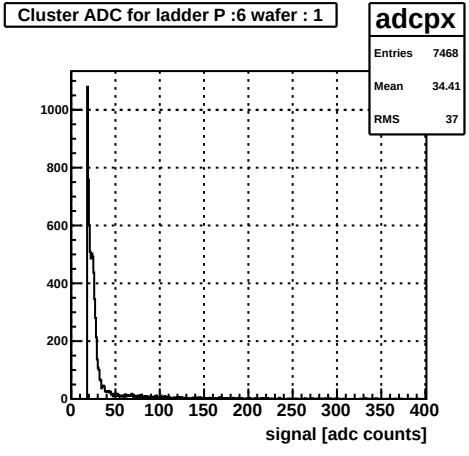

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2691
Mean 52.26
RMS 44.4
signal [adc counts]

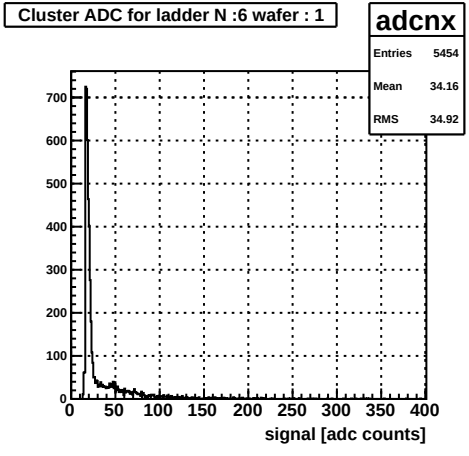

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 747
Mean 79.07
RMS 62.26
signal [adc counts]

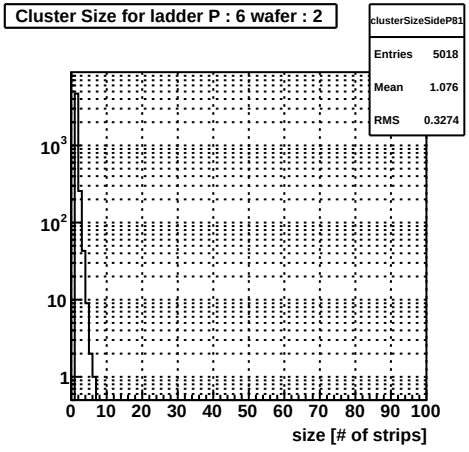

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7468
Mean 1.073
RMS 0.3122
size [# of strips]

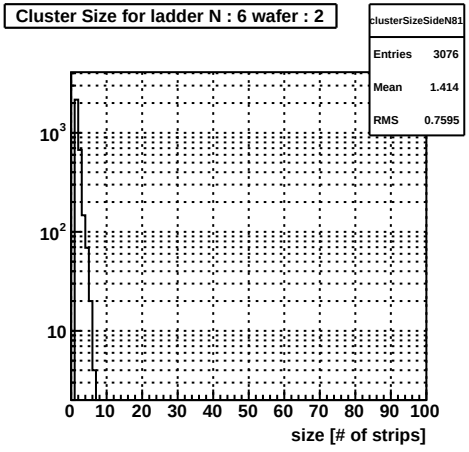

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5454
Mean 1.335
RMS 0.8703
size [# of strips]

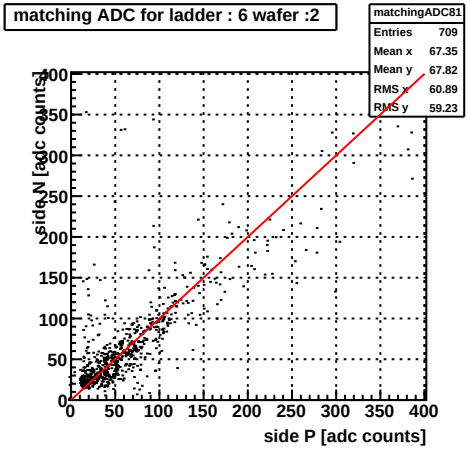

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 982
Mean x 56.76
Mean y 43.68
RMS x 57.97
RMS y 44.1
side N [adc counts]
side P [adc counts]

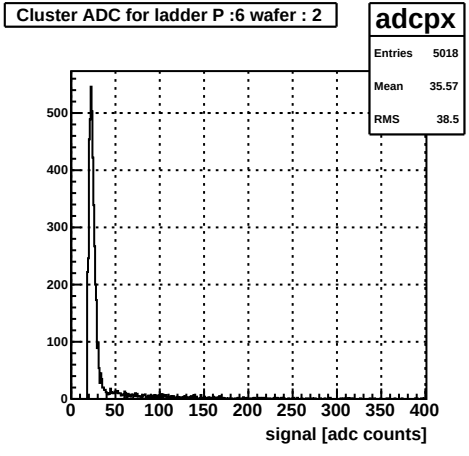

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7468
Mean 34.41
RMS 37
signal [adc counts]

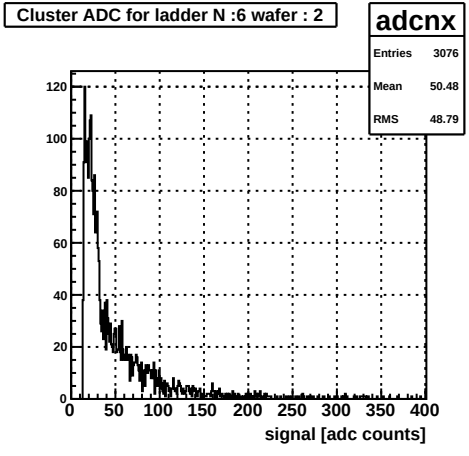

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5454
Mean 34.16
RMS 34.92
signal [adc counts]

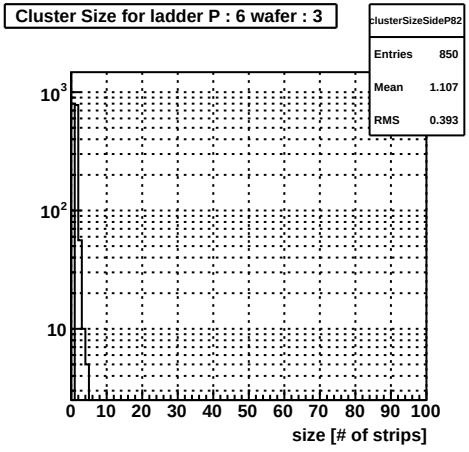

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5018
Mean 1.076
RMS 0.3274
size [# of strips]

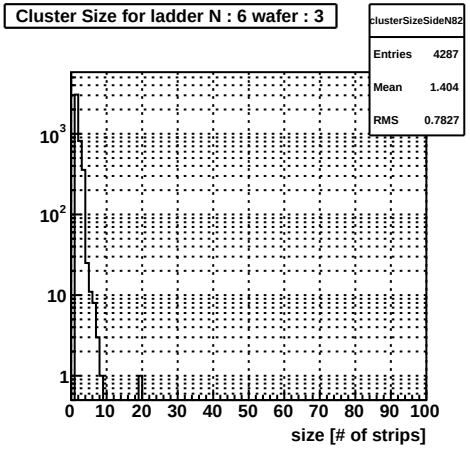

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3076
Mean 1.414
RMS 0.7595
size [# of strips]

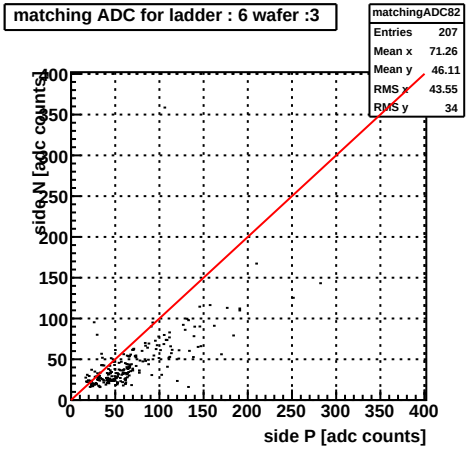

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 709
Mean x 67.35
Mean y 67.82
RMS x 60.89
RMS y 59.23
side N [adc counts]
side P [adc counts]

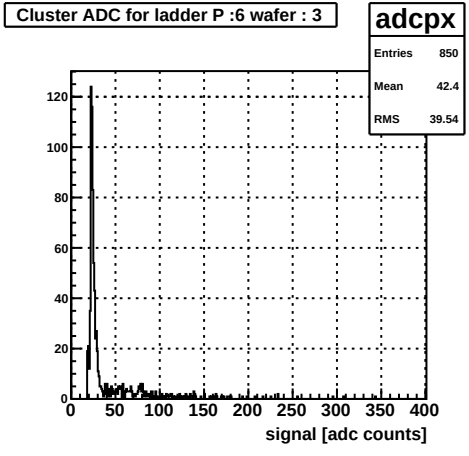

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5018
Mean 35.57
RMS 38.5
signal [adc counts]

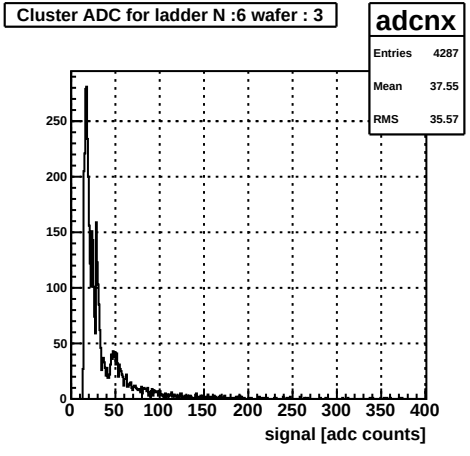

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3076
Mean 50.48
RMS 48.79
signal [adc counts]

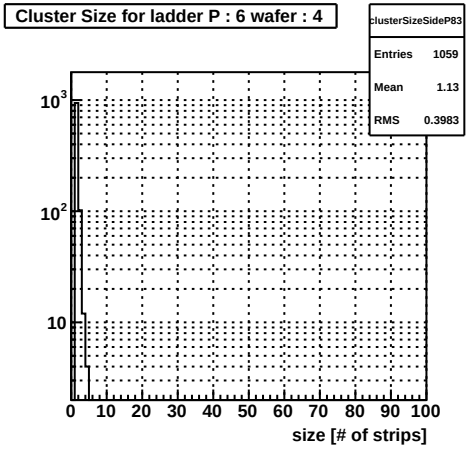

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 850
Mean 1.107
RMS 0.393
size [# of strips]

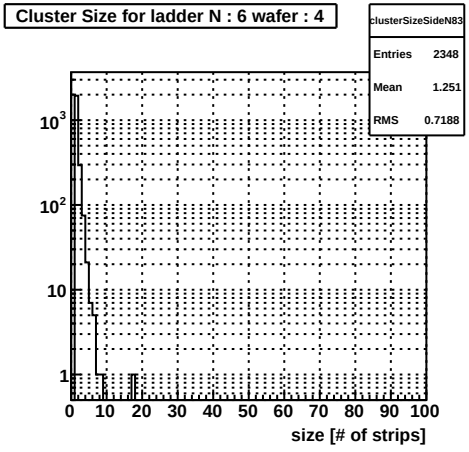

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4287
Mean 1.404
RMS 0.7827
size [# of strips]

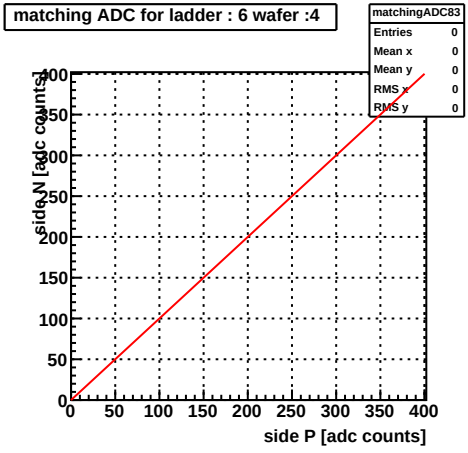

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 207
Mean x 71.26
Mean y 46.11
RMS x 43.55
RMS y 34
side N [adc counts]
side P [adc counts]

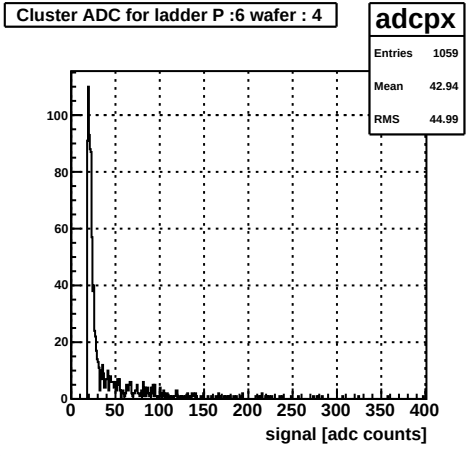

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 850
Mean 42.4
RMS 39.54
signal [adc counts]

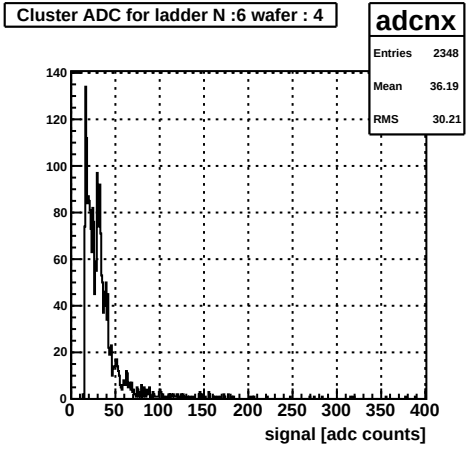

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4287
Mean 37.55
RMS 35.57
signal [adc counts]

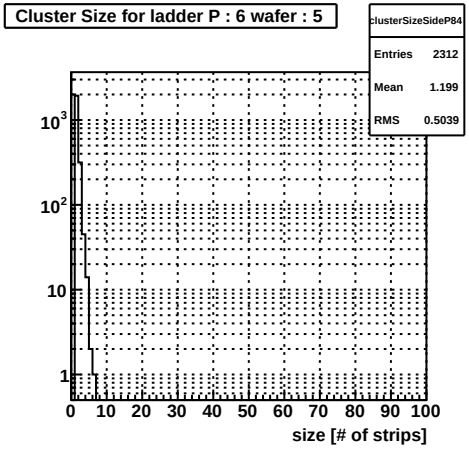

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1059
Mean 1.13
RMS 0.3983
size [# of strips]

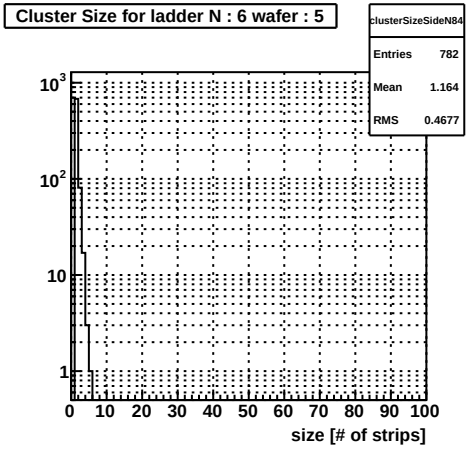

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2348
Mean 1.251
RMS 0.7188
size [# of strips]

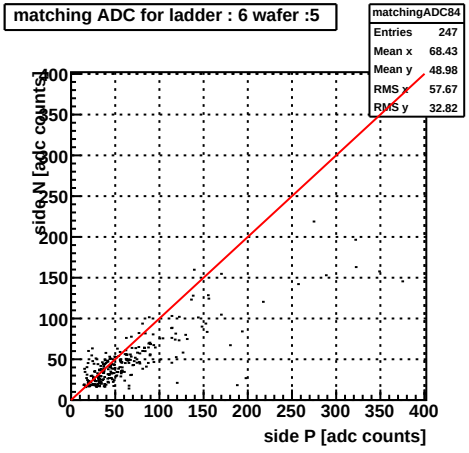

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

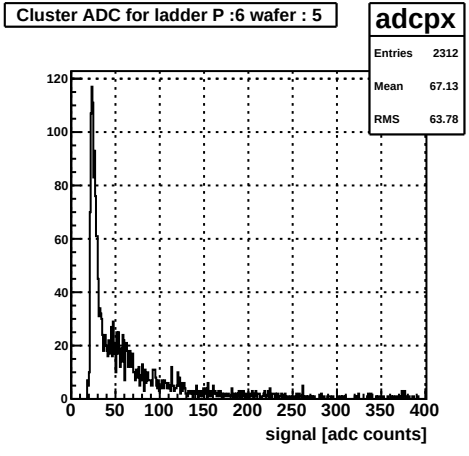

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1059
Mean 42.94
RMS 44.99
signal [adc counts]

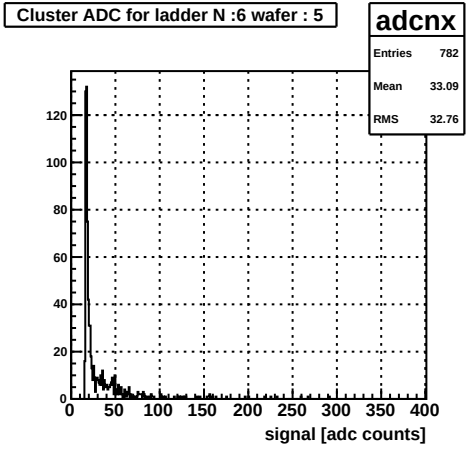

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2348
Mean 36.19
RMS 30.21
signal [adc counts]

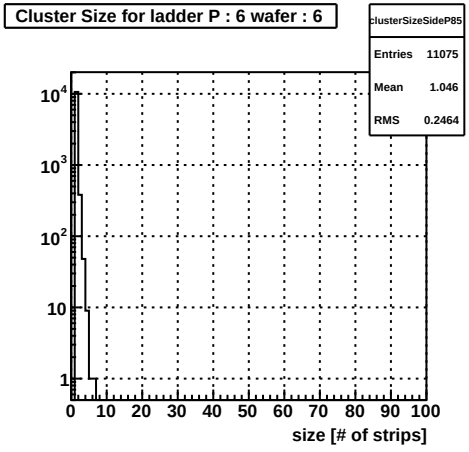

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2312
Mean 1.199
RMS 0.5039
size [# of strips]

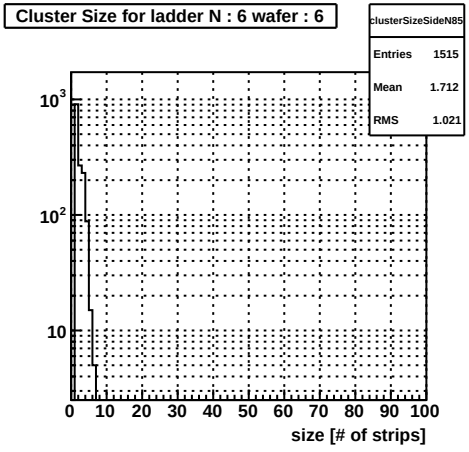

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 782
Mean 1.164
RMS 0.4677
size [# of strips]

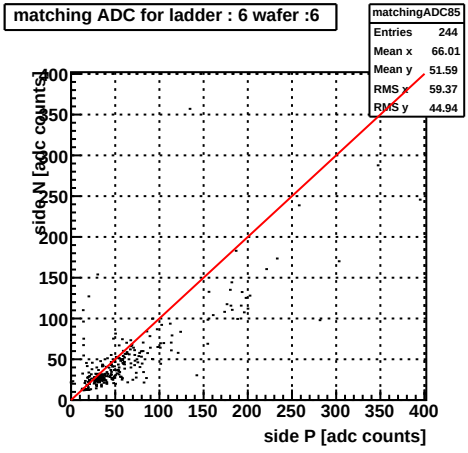

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 247
Mean x 68.43
Mean y 48.98
RMS x 57.67
RMS y 32.82
side N [adc counts]
side P [adc counts]

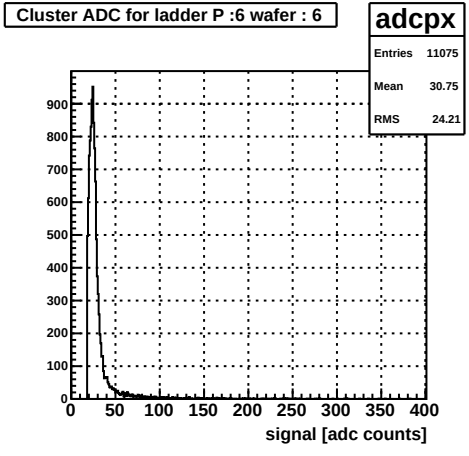

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2312
Mean 67.13
RMS 63.78
signal [adc counts]

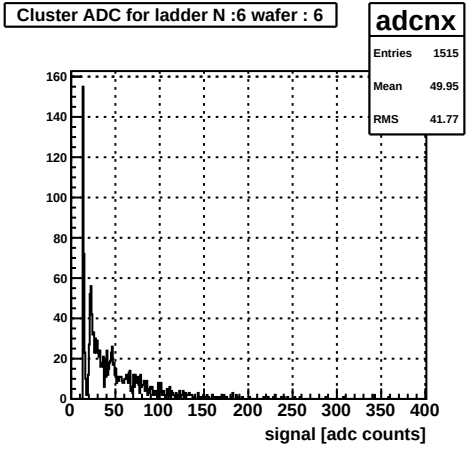

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 782
Mean 33.09
RMS 32.76
signal [adc counts]

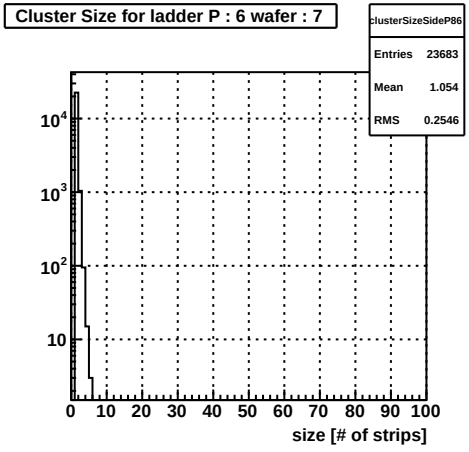

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11075
Mean 1.046
RMS 0.2464
size [# of strips]

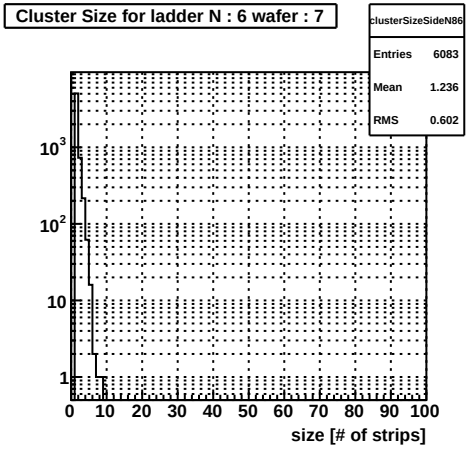

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1515
Mean 1.712
RMS 1.021
size [# of strips]

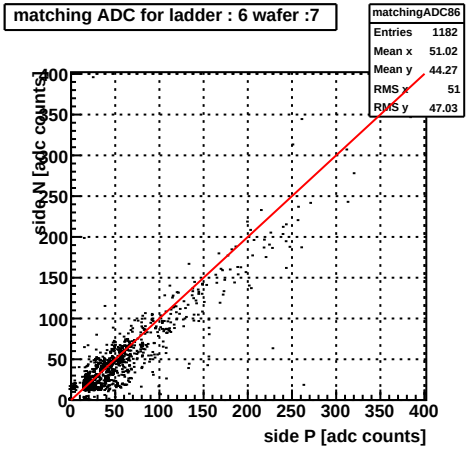

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 244
Mean x 66.01
Mean y 51.59
RMS x 59.37
RMS y 44.94
side N [adc counts]
side P [adc counts]

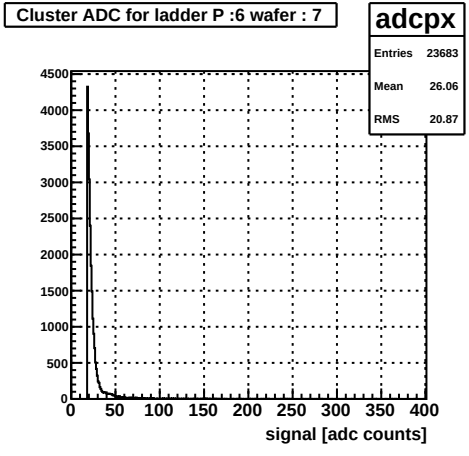

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11075
Mean 30.75
RMS 24.21
signal [adc counts]

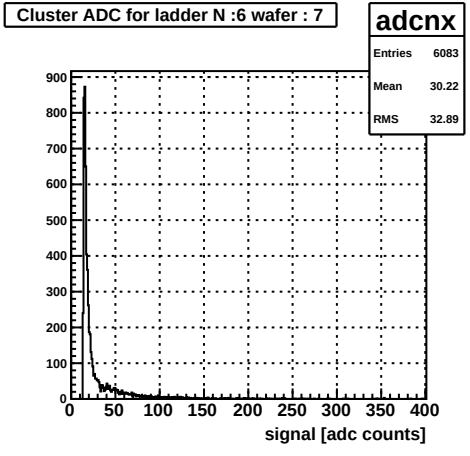

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1515
Mean 49.95
RMS 41.77
signal [adc counts]

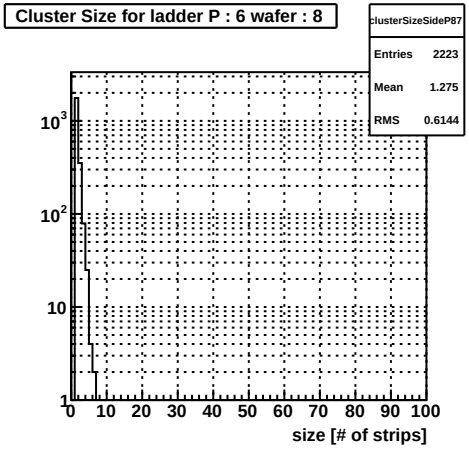

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 23683
Mean 1.054
RMS 0.2546
size [# of strips]

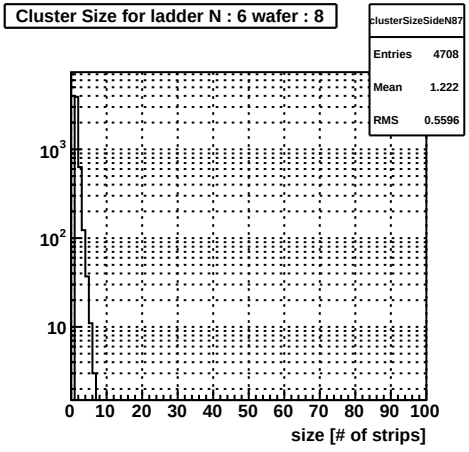

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6083
Mean 1.236
RMS 0.602
size [# of strips]

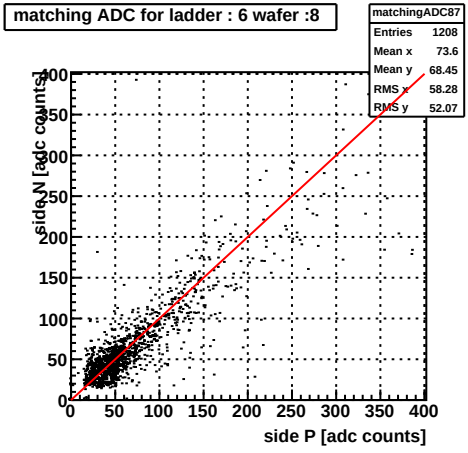

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1182
Mean x 51.02
Mean y 44.27
RMS x 51
RMS y 47.03
side N [adc counts]
side P [adc counts]

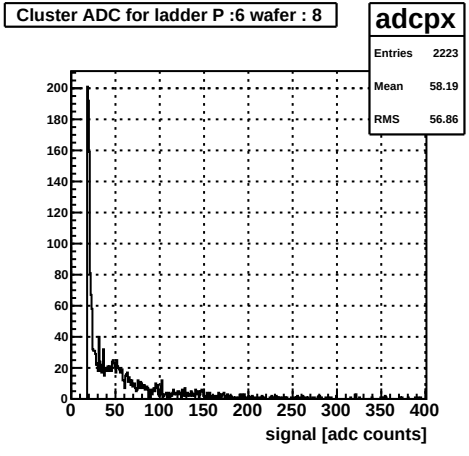

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 23683
Mean 26.06
RMS 20.87
signal [adc counts]

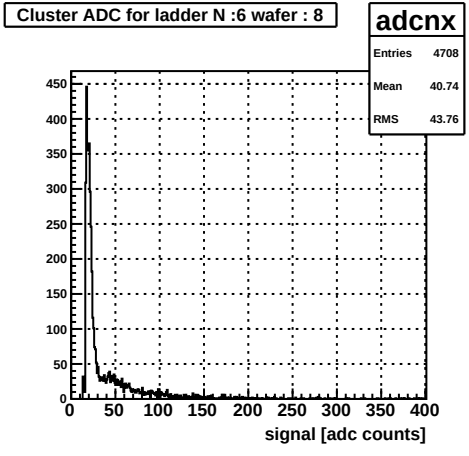

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6083
Mean 30.22
RMS 32.89
signal [adc counts]

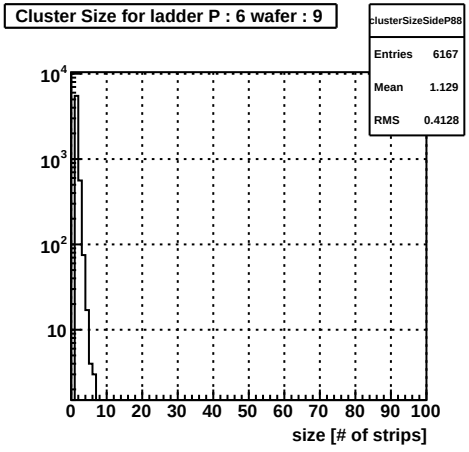

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2223
Mean 1.275
RMS 0.6144
size [# of strips]

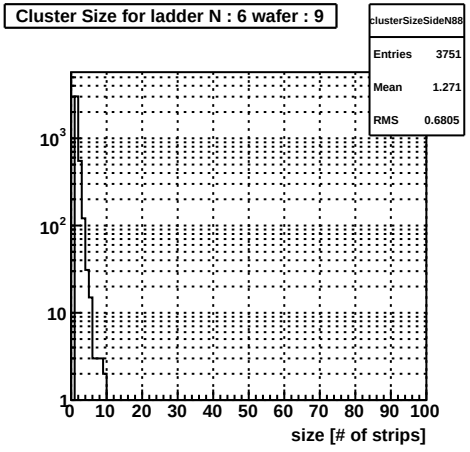

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4708
Mean 1.222
RMS 0.5596
size [# of strips]

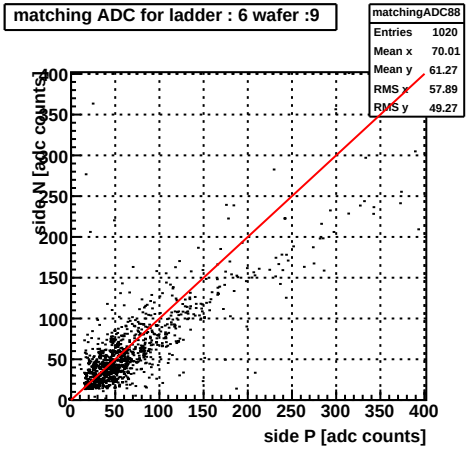

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1208
Mean x 73.6
Mean y 68.45
RMS x 58.28
RMS y 52.07
side N [adc counts]
side P [adc counts]

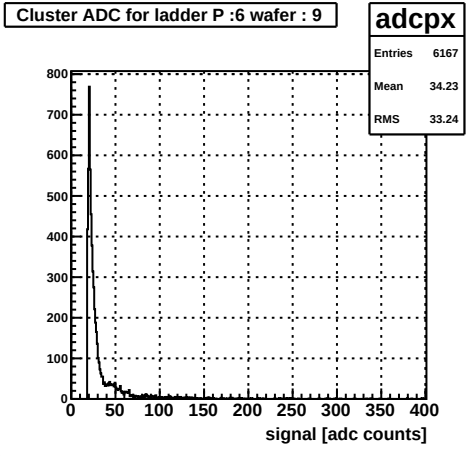

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2223
Mean 58.19
RMS 56.86
signal [adc counts]

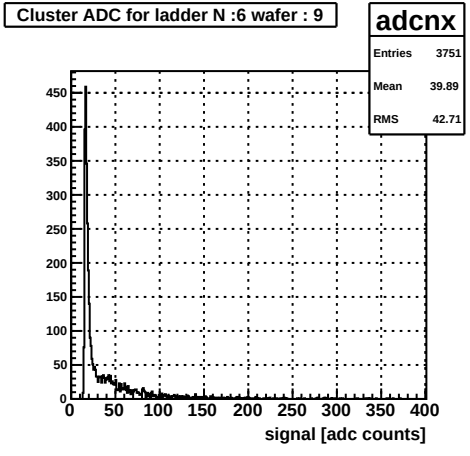

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4708
Mean 40.74
RMS 43.76
signal [adc counts]

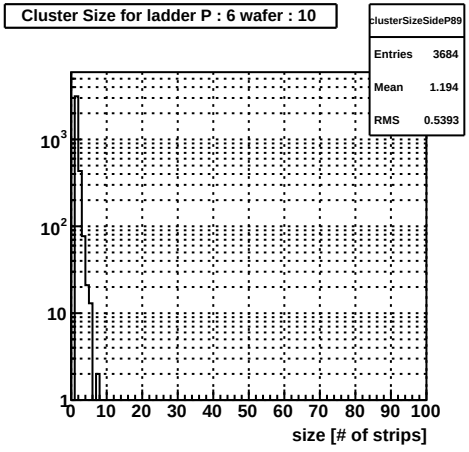

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6167
Mean 1.129
RMS 0.4128
size [# of strips]

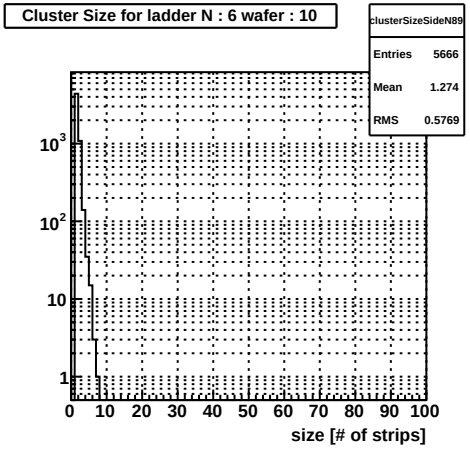

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3751
Mean 1.271
RMS 0.6805
size [# of strips]

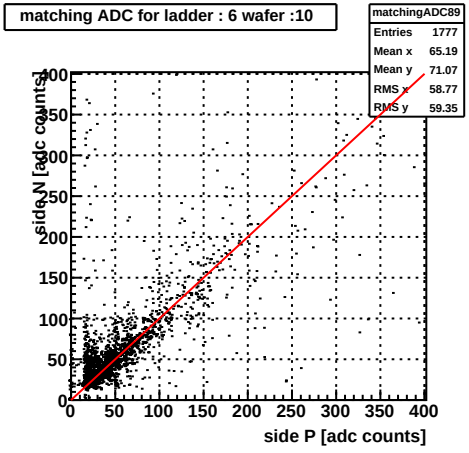

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1020
Mean x 70.01
Mean y 61.27
RMS x 57.89
RMS y 49.27
side N [adc counts]
side P [adc counts]

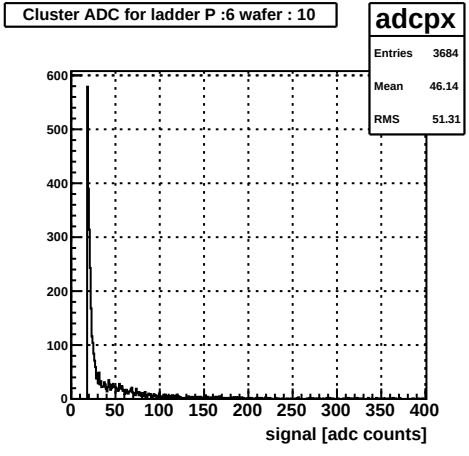

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6167
Mean 34.23
RMS 33.24
signal [adc counts]

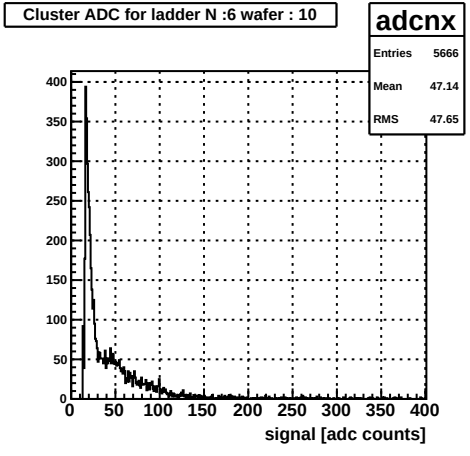

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3751
Mean 39.89
RMS 42.71
signal [adc counts]

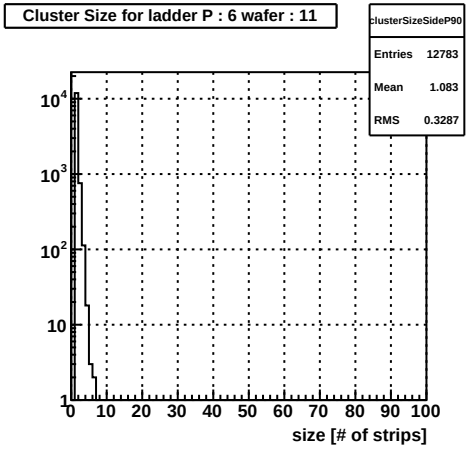

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3684
Mean 1.194
RMS 0.5393
size [# of strips]

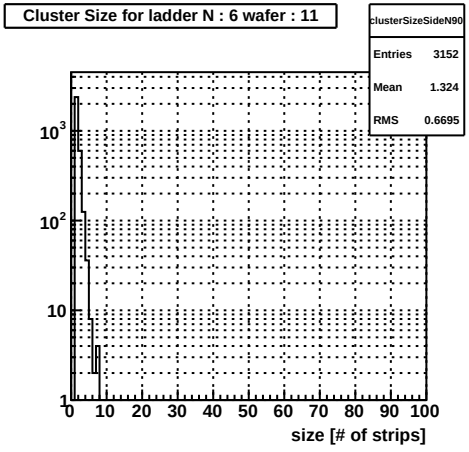

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5666
Mean 1.274
RMS 0.5769
size [# of strips]

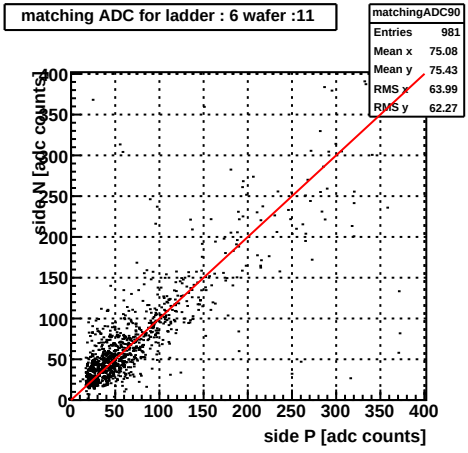

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1777
Mean x 65.19
Mean y 71.07
RMS x 58.77
RMS y 59.35
side N [adc counts]
side P [adc counts]

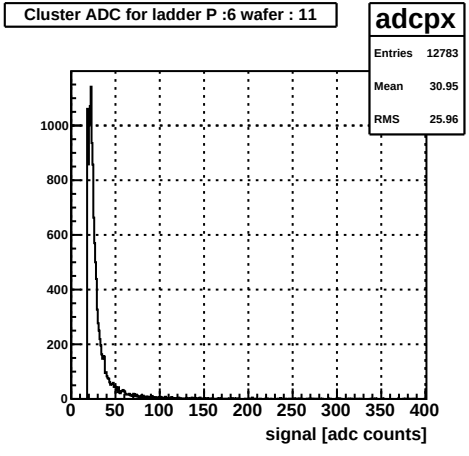

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3684
Mean 46.14
RMS 51.31
signal [adc counts]

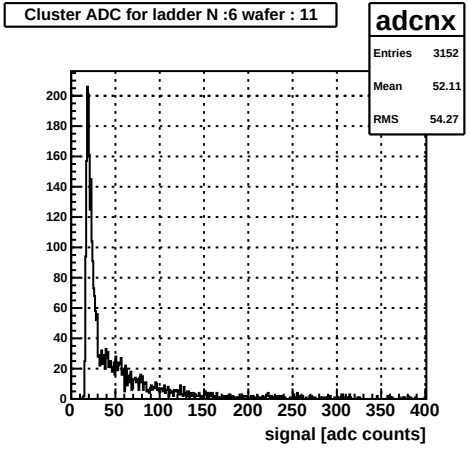

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5666
Mean 47.14
RMS 47.65
signal [adc counts]

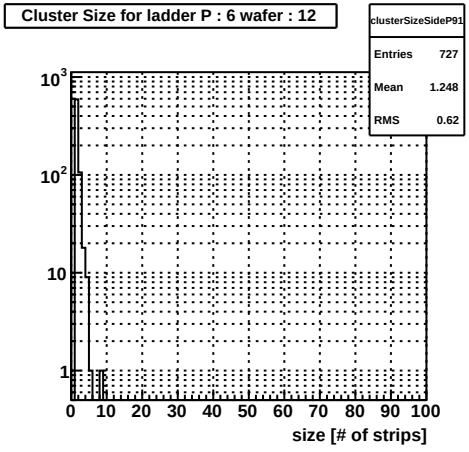

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 12783
Mean 1.083
RMS 0.3287
size [# of strips]

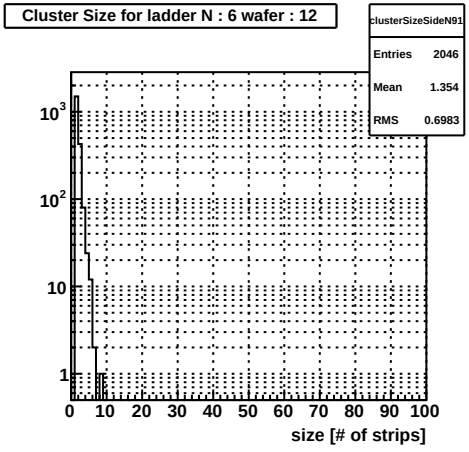

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3152
Mean 1.324
RMS 0.6695
size [# of strips]

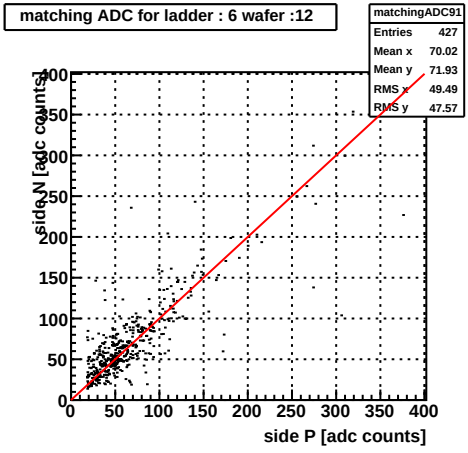

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 981
Mean x 75.08
Mean y 75.43
RMS x 63.99
RMS y 62.27
side N [adc counts]
side P [adc counts]

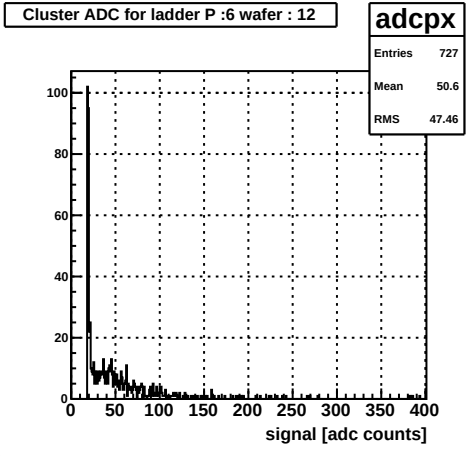

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 12783
Mean 30.95
RMS 25.96
signal [adc counts]

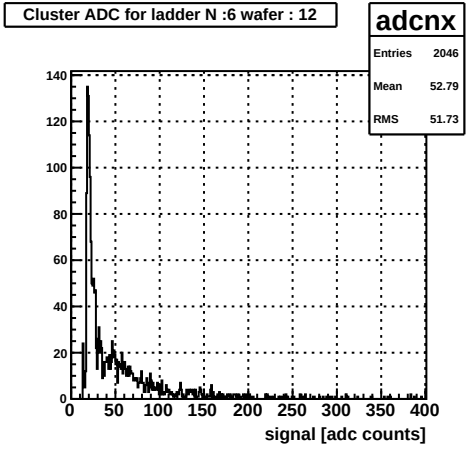

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3152
Mean 52.11
RMS 54.27
signal [adc counts]

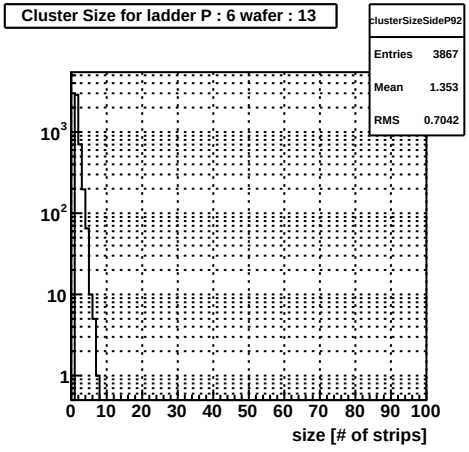

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 727
Mean 1.248
RMS 0.62
size [# of strips]

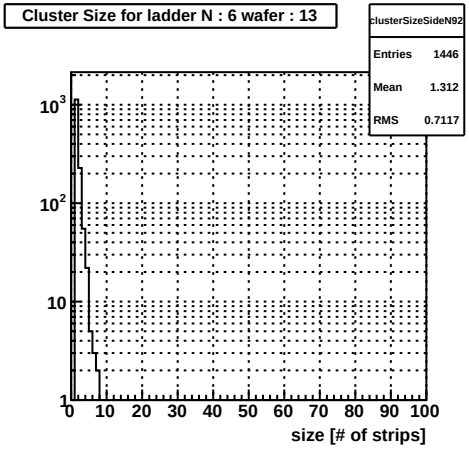

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2046
Mean 1.354
RMS 0.6983
size [# of strips]

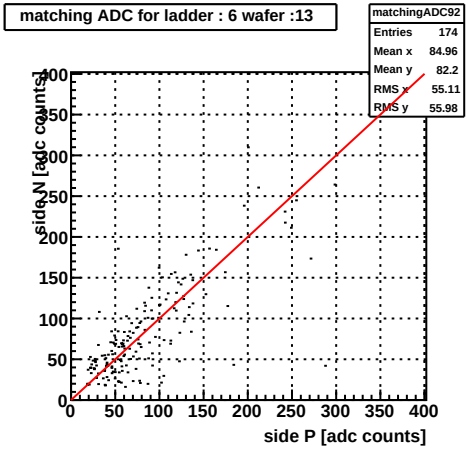

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 427
Mean x 70.02
Mean y 71.93
RMS x 49.49
RMS y 47.57
side N [adc counts]
side P [adc counts]

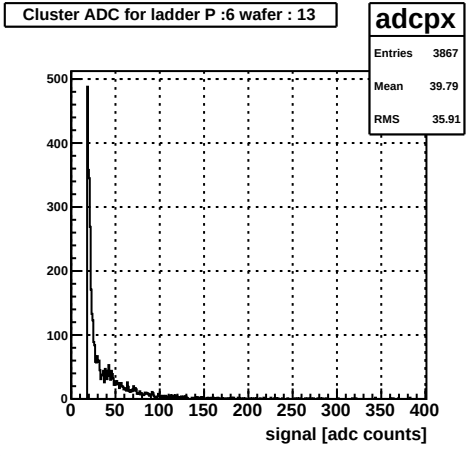

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 727
Mean 50.6
RMS 47.46
signal [adc counts]

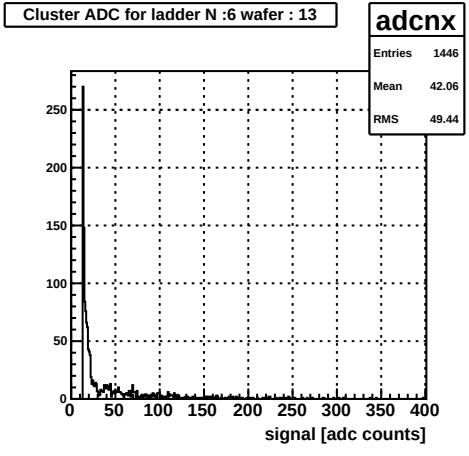

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2046
Mean 52.79
RMS 51.73
signal [adc counts]

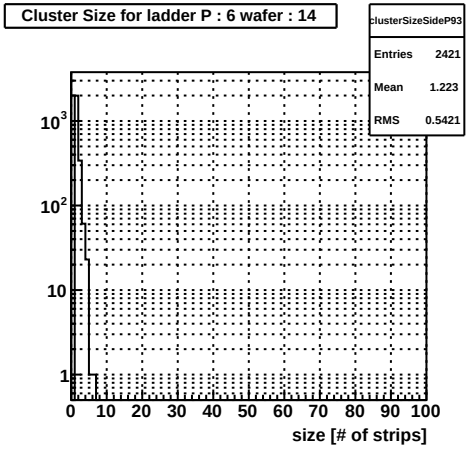

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 3867
Mean 1.353
RMS 0.7042
size [# of strips]

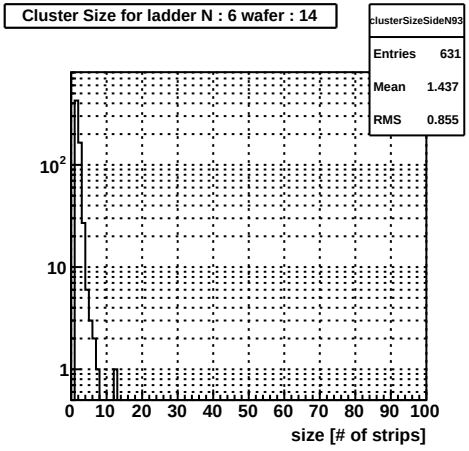

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1446
Mean 1.312
RMS 0.7117
size [# of strips]

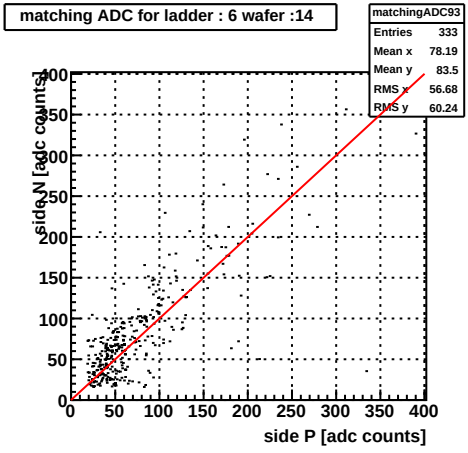

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 174
Mean x 84.96
Mean y 82.2
RMS x 55.11
RMS y 55.98
side N [adc counts]
side P [adc counts]

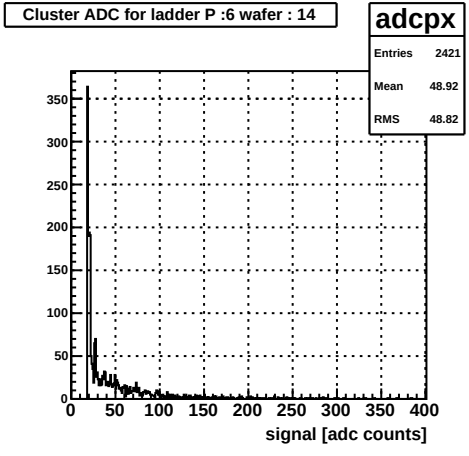

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 3867
Mean 39.79
RMS 35.91
signal [adc counts]

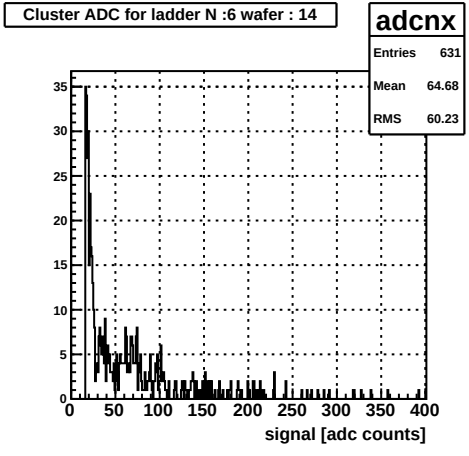

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1446
Mean 42.06
RMS 49.44
signal [adc counts]

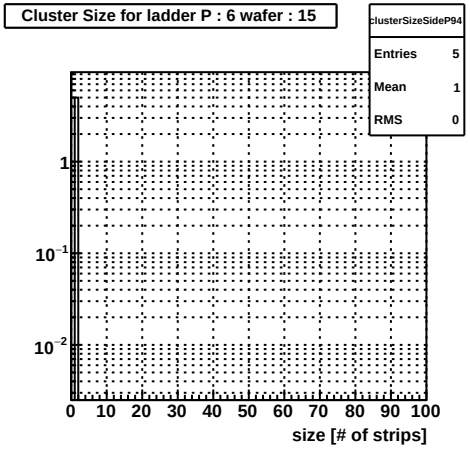

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2421
Mean 1.223
RMS 0.5421
size [# of strips]

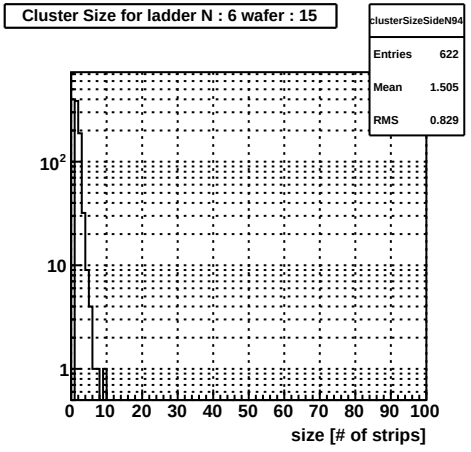

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 631
Mean 1.437
RMS 0.855
size [# of strips]

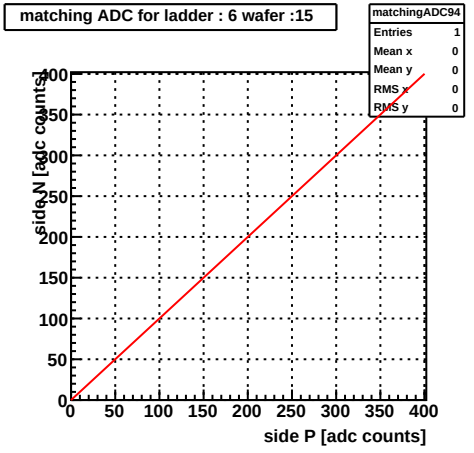

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 333
Mean x 78.19
Mean y 83.5
RMS x 56.68
RMS y 60.24
side N [adc counts]
side P [adc counts]

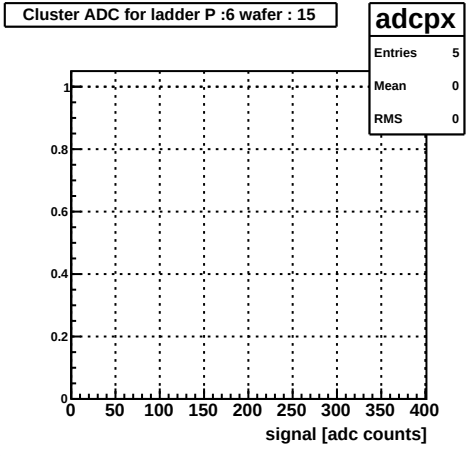

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2421
Mean 48.92
RMS 48.82
signal [adc counts]

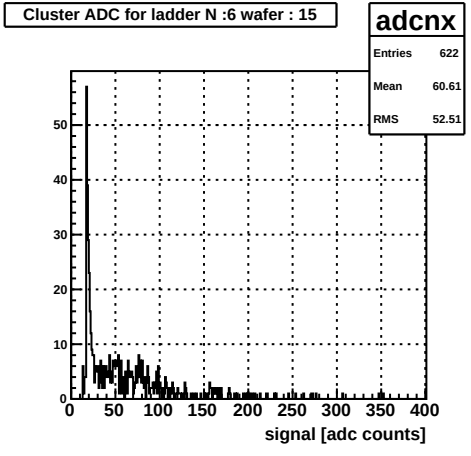

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 631
Mean 64.68
RMS 60.23
signal [adc counts]

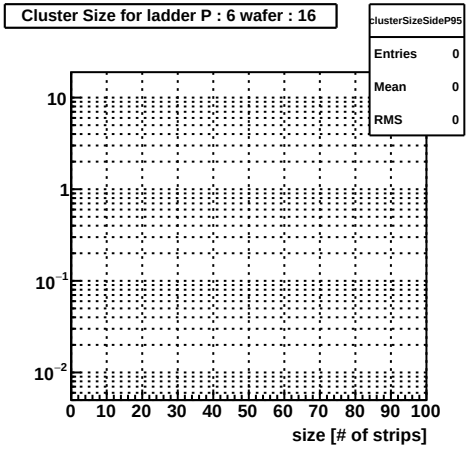

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 5
Mean 1
RMS 0
size [# of strips]

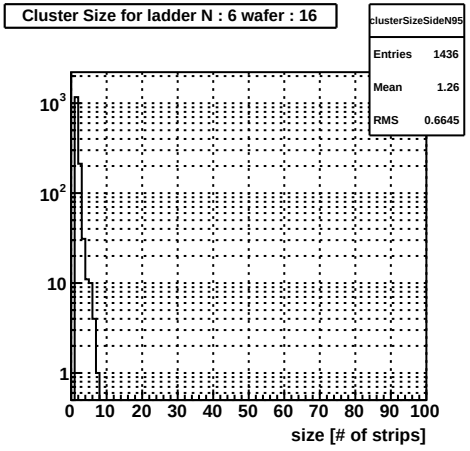

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 622
Mean 1.505
RMS 0.829
size [# of strips]

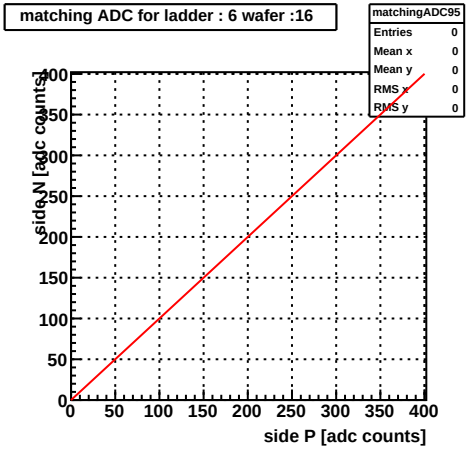

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

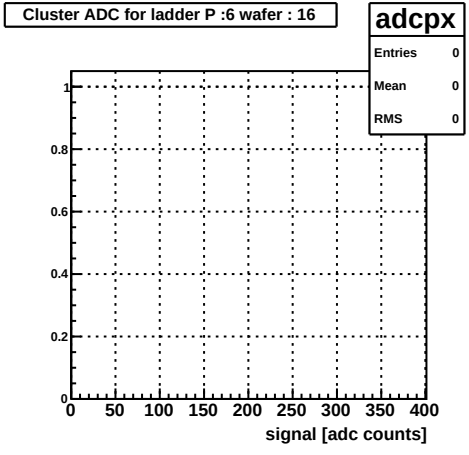

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

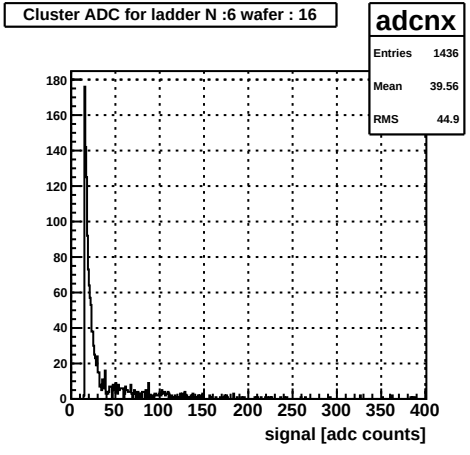

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 622
Mean 60.61
RMS 52.51
signal [adc counts]

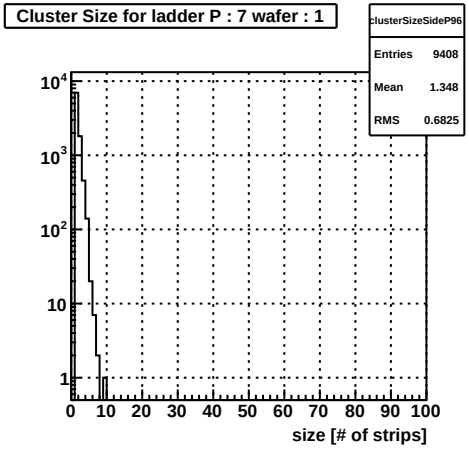

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

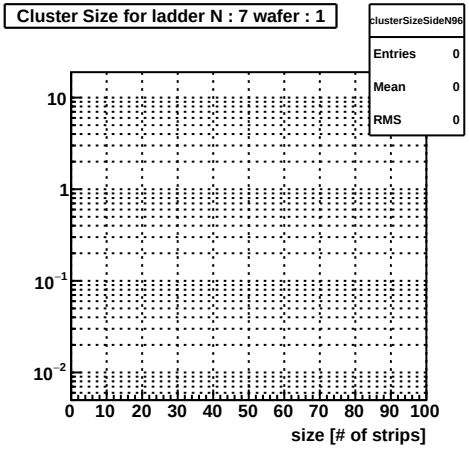

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1436
Mean 1.26
RMS 0.6645
size [# of strips]

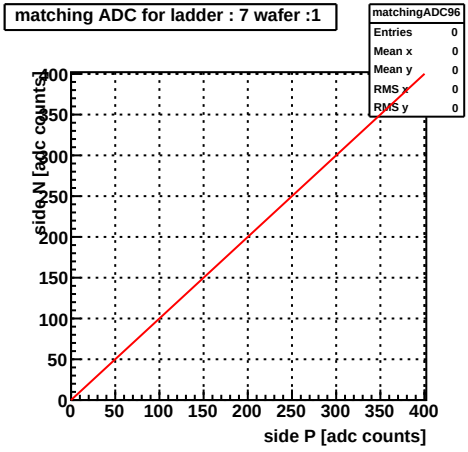

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

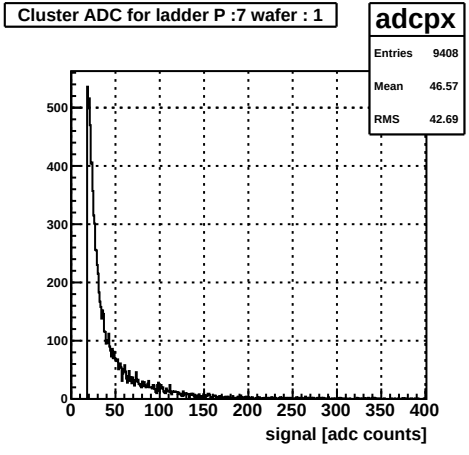

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

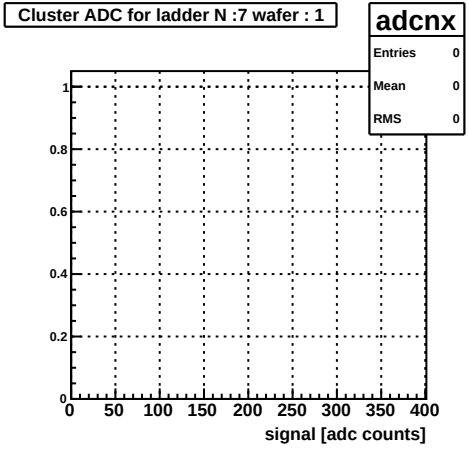

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1436
Mean 39.56
RMS 44.9
signal [adc counts]

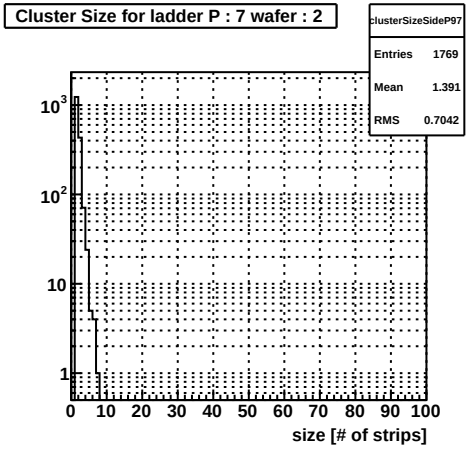

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9408
Mean 1.348
RMS 0.6825
size [# of strips]

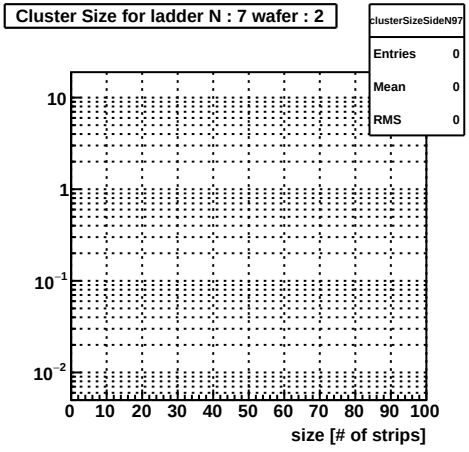

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

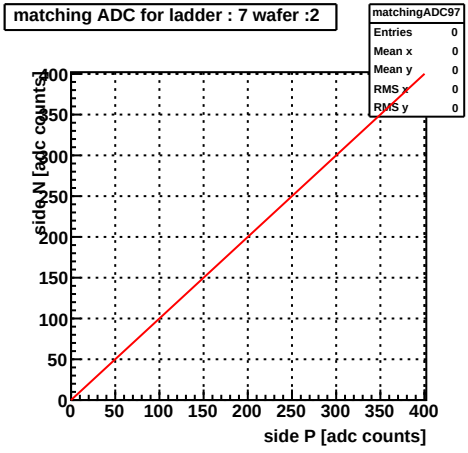

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

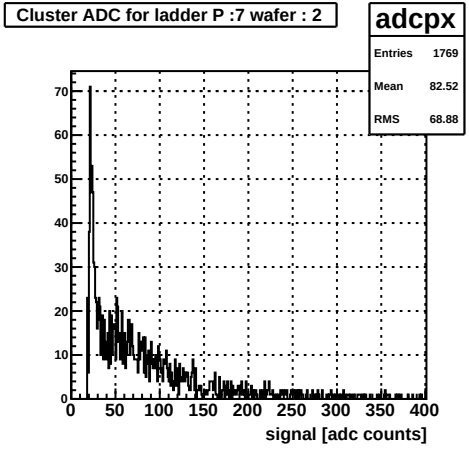

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9408
Mean 46.57
RMS 42.69
signal [adc counts]

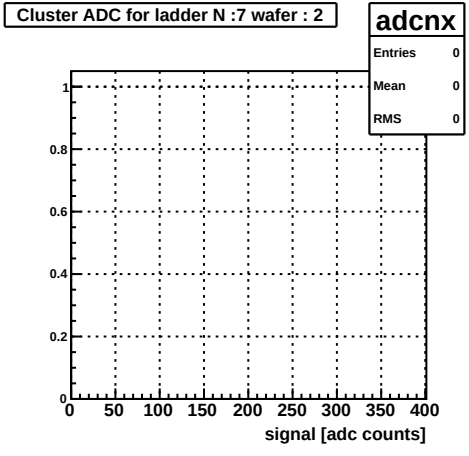

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

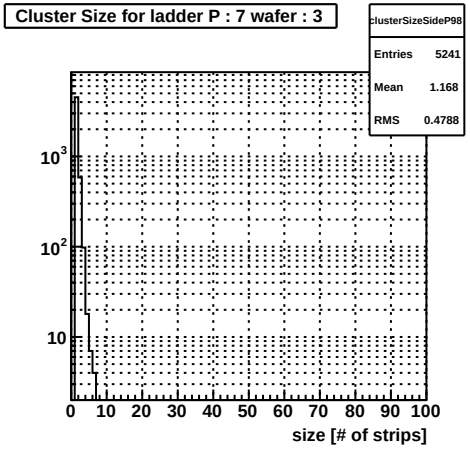

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1769
Mean 1.391
RMS 0.7042
size [# of strips]

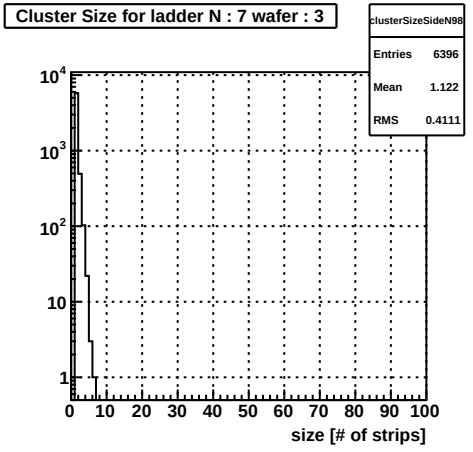

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

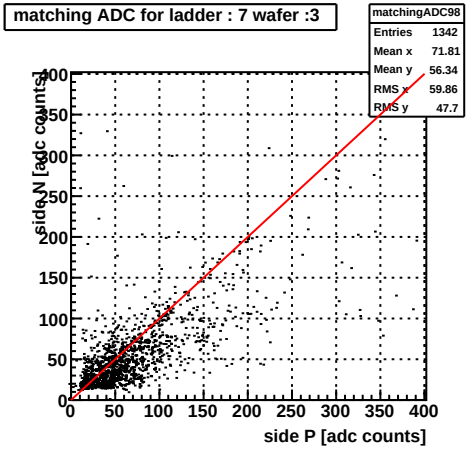

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

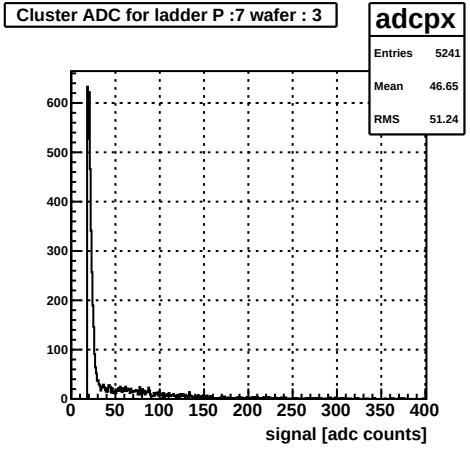

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1769
Mean 82.52
RMS 68.88
signal [adc counts]

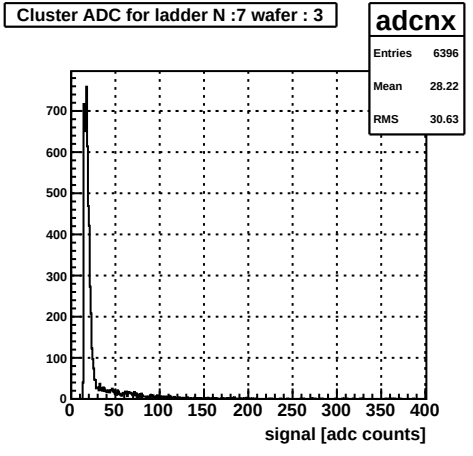

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

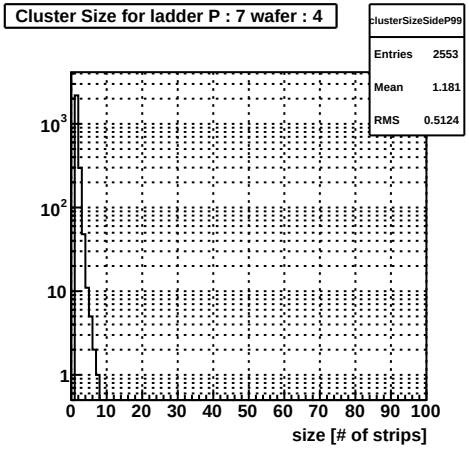

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5241
Mean 1.168
RMS 0.4788
size [# of strips]

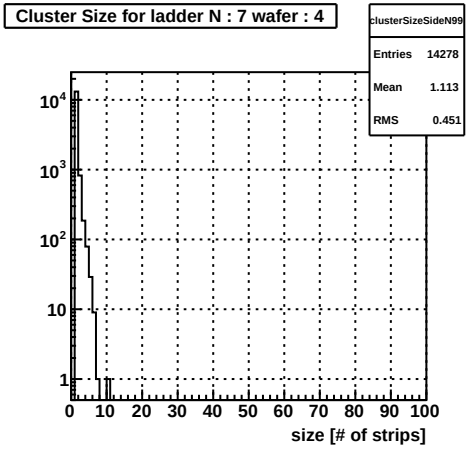

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6396
Mean 1.122
RMS 0.4111
size [# of strips]

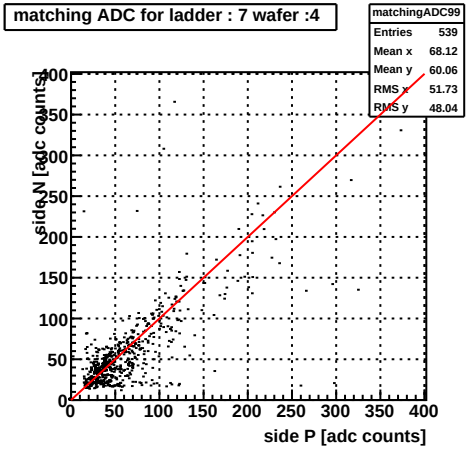

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1342
Mean x 71.81
Mean y 56.34
RMS x 59.86
RMS y 47.7
side N [adc counts]
side P [adc counts]

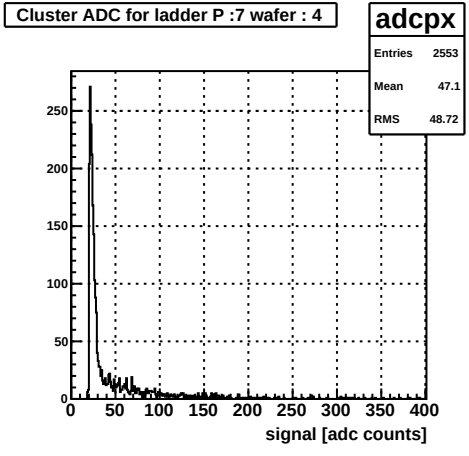

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5241
Mean 46.65
RMS 51.24
signal [adc counts]

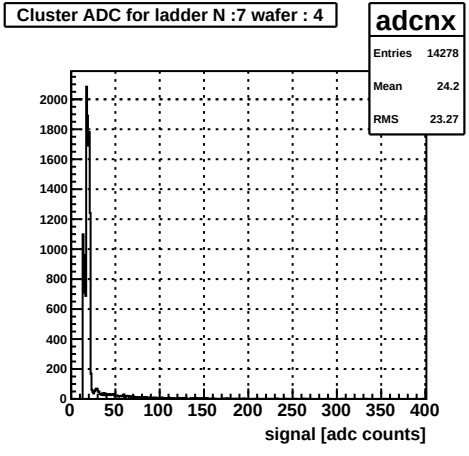

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6396
Mean 28.22
RMS 30.63
signal [adc counts]

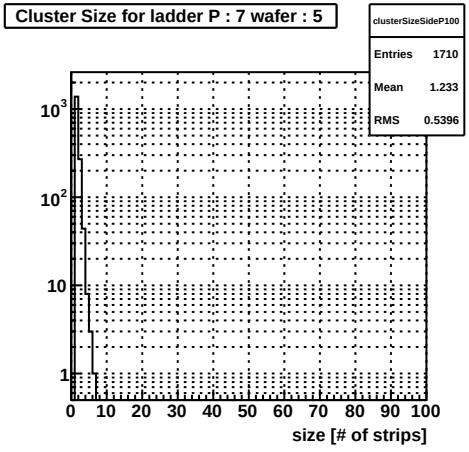

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2553
Mean 1.181
RMS 0.5124
size [# of strips]

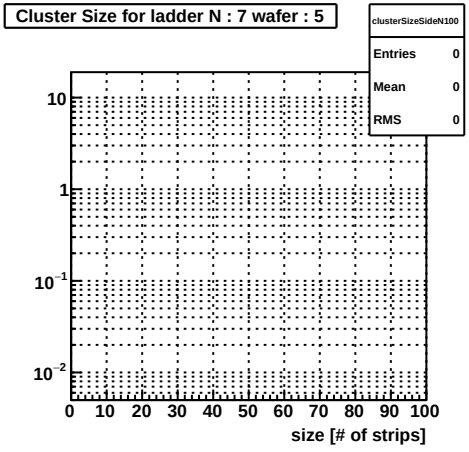

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 14278
Mean 1.113
RMS 0.451
size [# of strips]

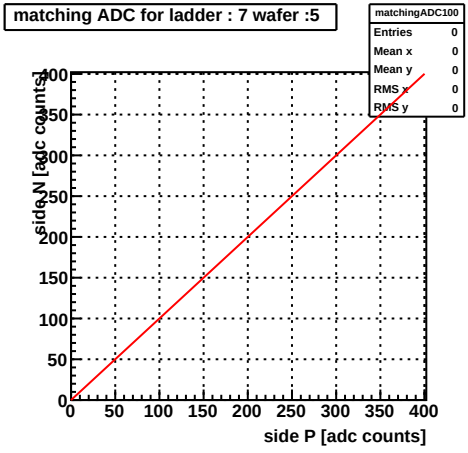

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 539
Mean x 68.12
Mean y 60.06
RMS x 51.73
RMS y 48.04
side N [adc counts]
side P [adc counts]

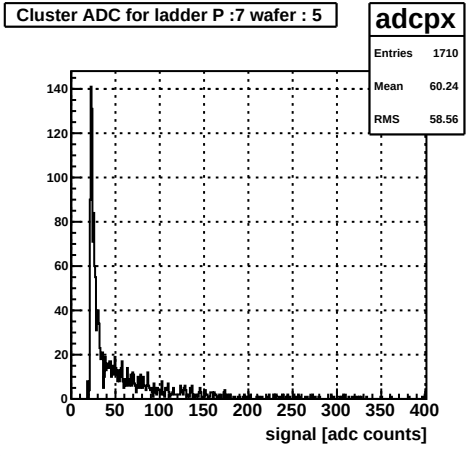

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2553
Mean 47.1
RMS 48.72
signal [adc counts]

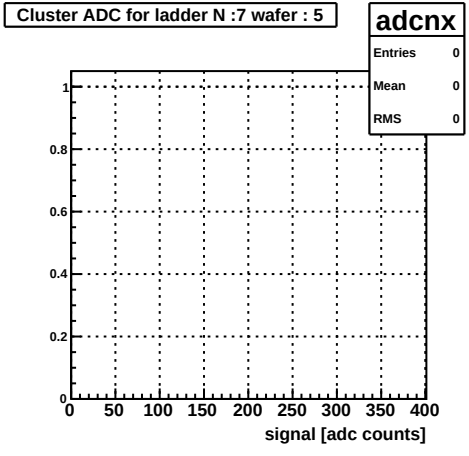

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 14278
Mean 24.2
RMS 23.27
signal [adc counts]

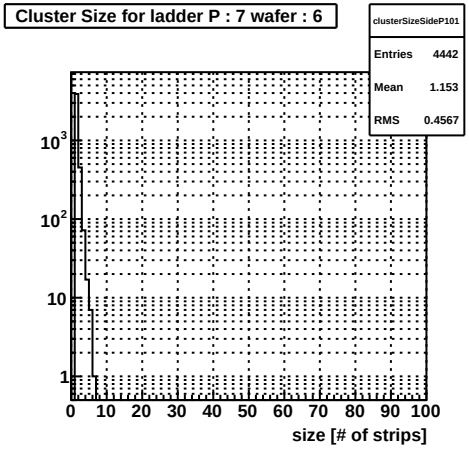

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1710
Mean 1.233
RMS 0.5396
size [# of strips]

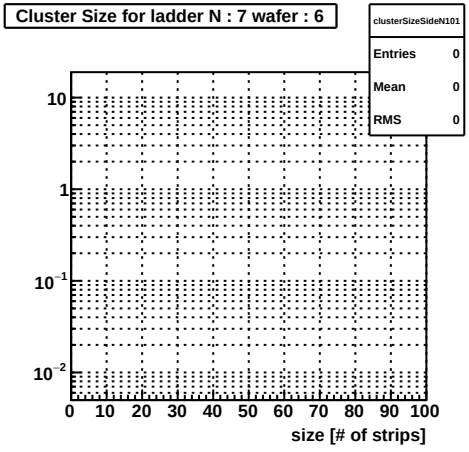

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

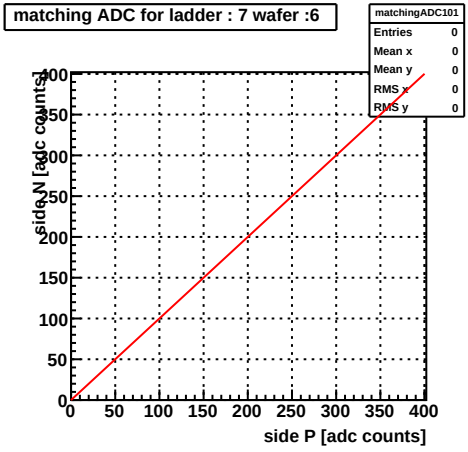

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

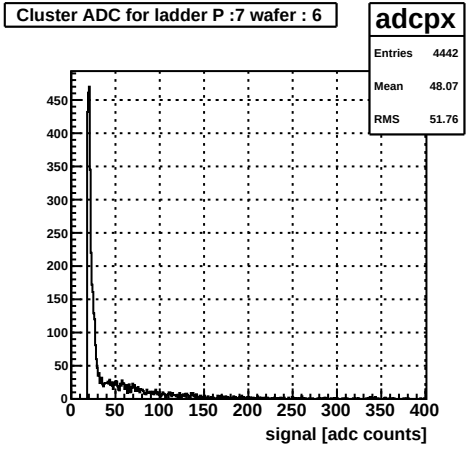

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1710
Mean 60.24
RMS 58.56
signal [adc counts]

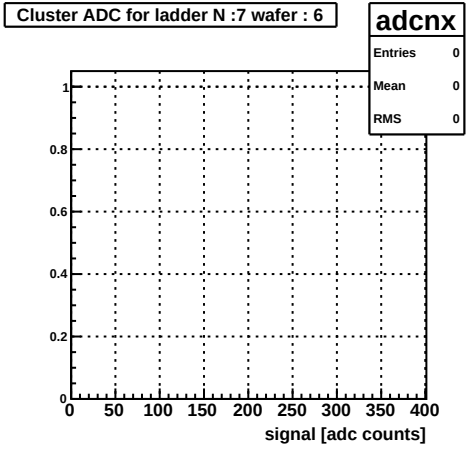

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

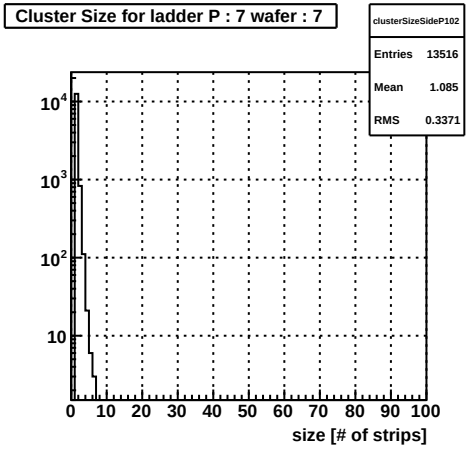

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4442
Mean 1.153
RMS 0.4567
size [# of strips]

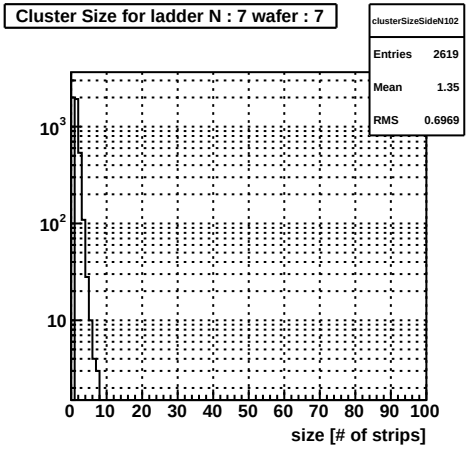

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

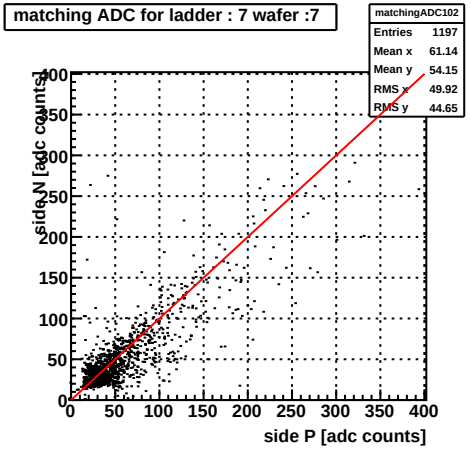

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

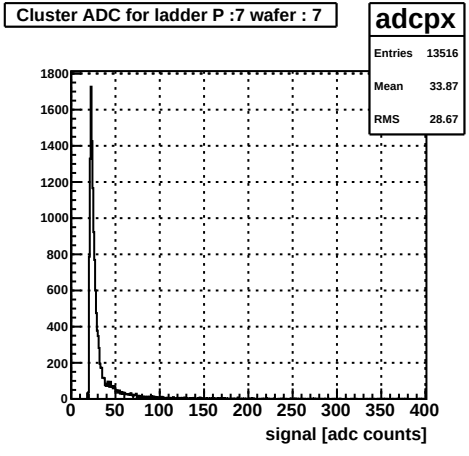

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4442
Mean 48.07
RMS 51.76
signal [adc counts]

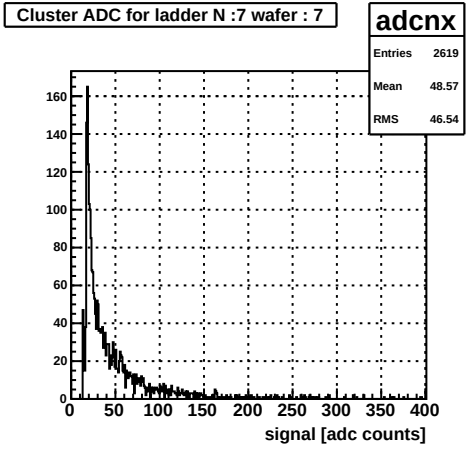

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

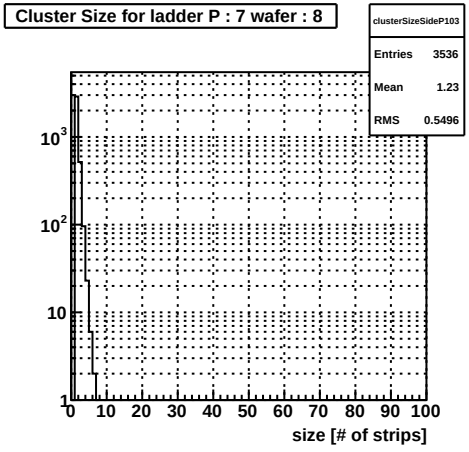

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13516
Mean 1.085
RMS 0.3371
size [# of strips]

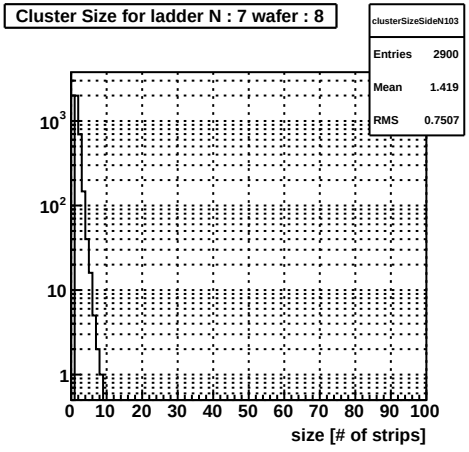

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2619
Mean 1.35
RMS 0.6969
size [# of strips]

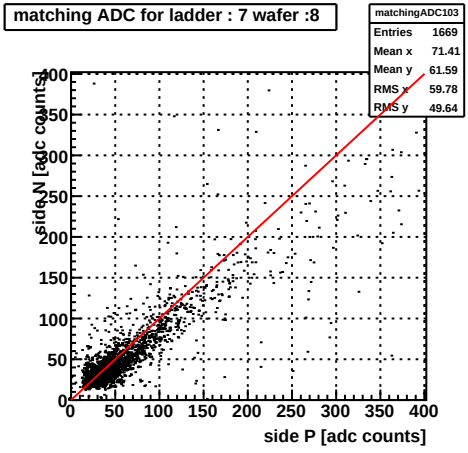

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1197
Mean x 61.14
Mean y 54.15
RMS x 49.92
RMS y 44.65
side N [adc counts]
side P [adc counts]

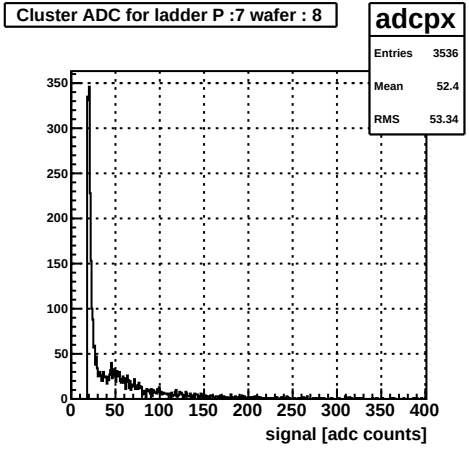

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13516
Mean 33.87
RMS 28.67
signal [adc counts]

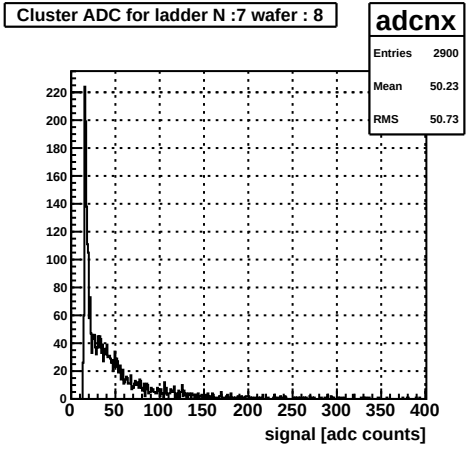

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2619
Mean 48.57
RMS 46.54
signal [adc counts]

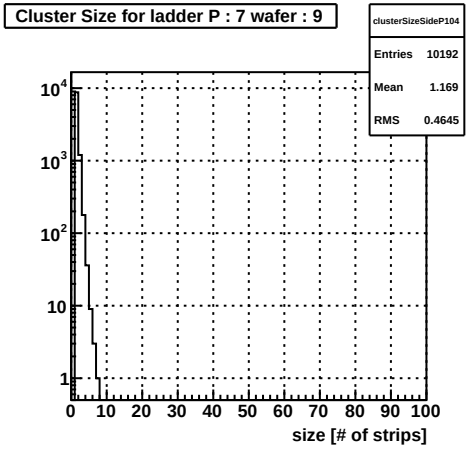

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3536
Mean 1.23
RMS 0.5496
size [# of strips]

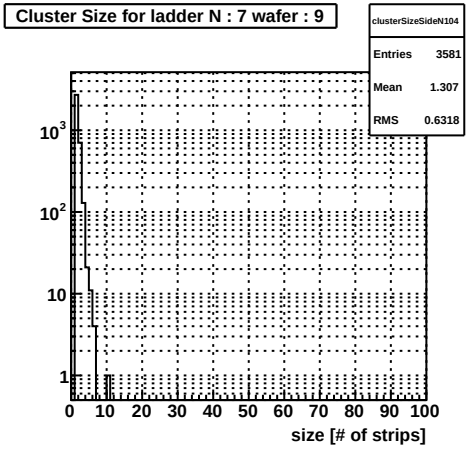

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2900
Mean 1.419
RMS 0.7507
size [# of strips]

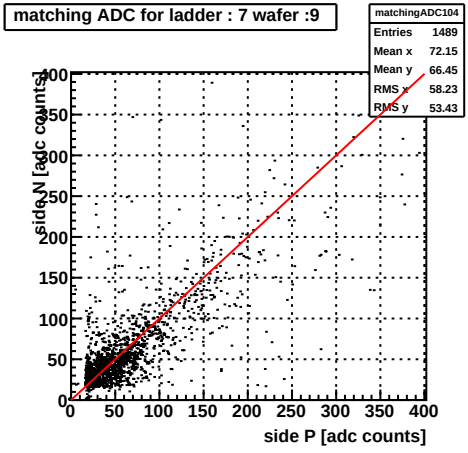

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1669
Mean x 71.41
Mean y 61.59
RMS x 59.78
RMS y 49.64
side N [adc counts]
side P [adc counts]

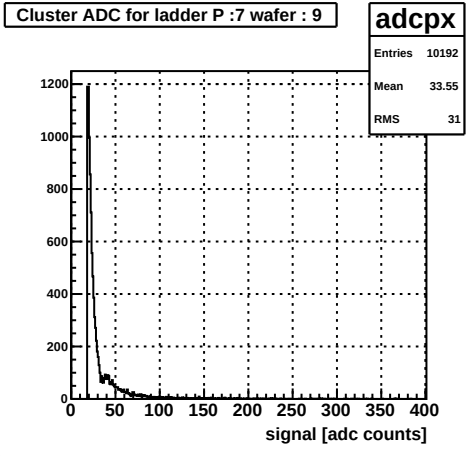

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3536
Mean 52.4
RMS 53.34
signal [adc counts]

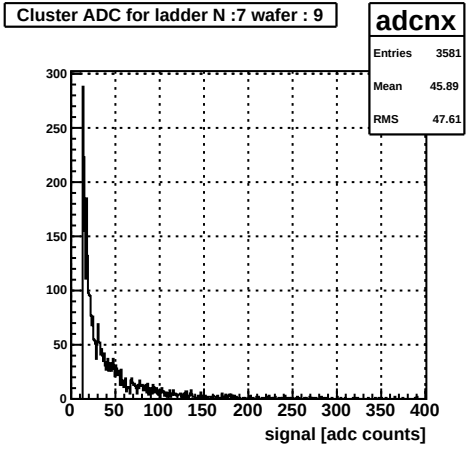

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2900
Mean 50.23
RMS 50.73
signal [adc counts]

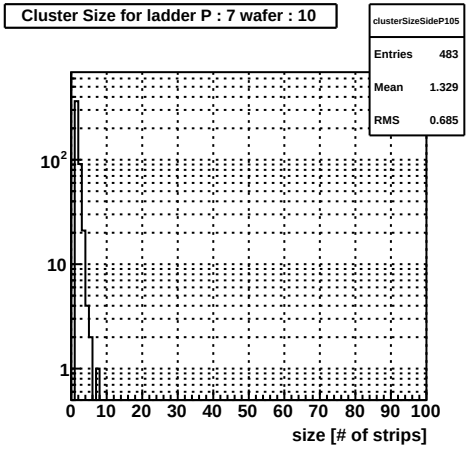

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10192
Mean 1.169
RMS 0.4645
size [# of strips]

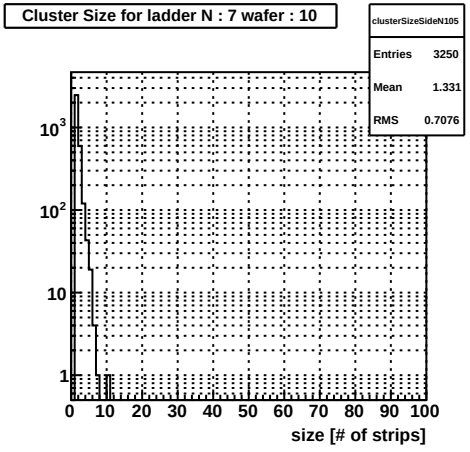

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3581
Mean 1.307
RMS 0.6318
size [# of strips]

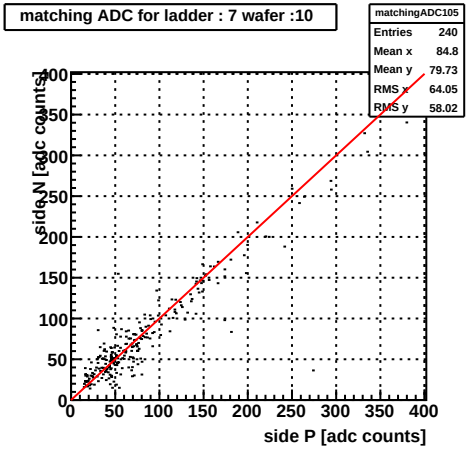

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1489
Mean x 72.15
Mean y 66.45
RMS x 58.23
RMS y 53.43
side N [adc counts]
side P [adc counts]

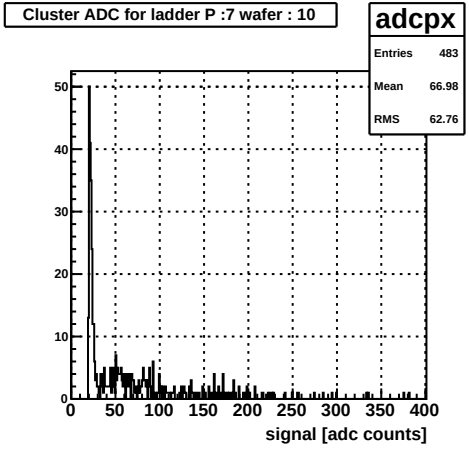

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10192
Mean 33.55
RMS 31
signal [adc counts]

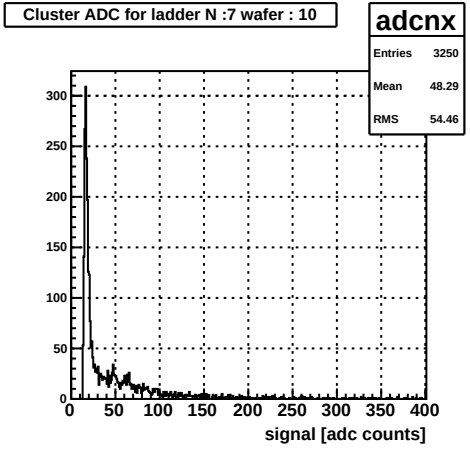

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3581
Mean 45.89
RMS 47.61
signal [adc counts]

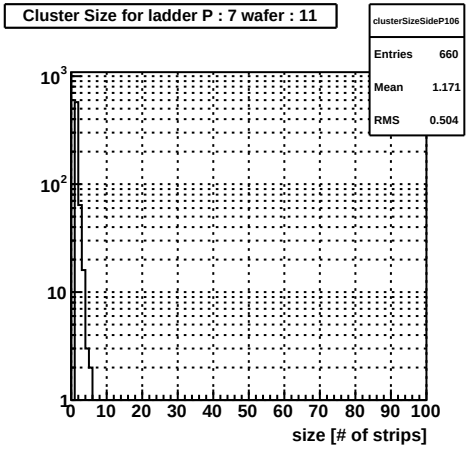

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 483
Mean 1.329
RMS 0.685
size [# of strips]

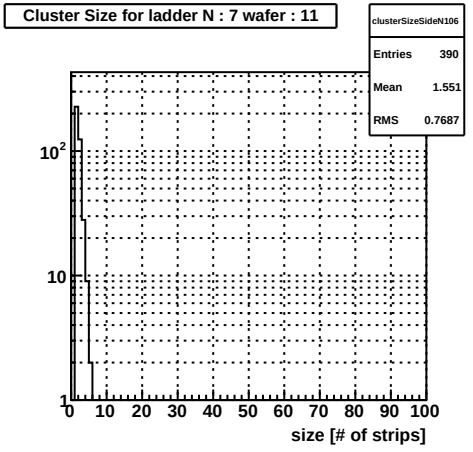

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3250
Mean 1.331
RMS 0.7076
size [# of strips]

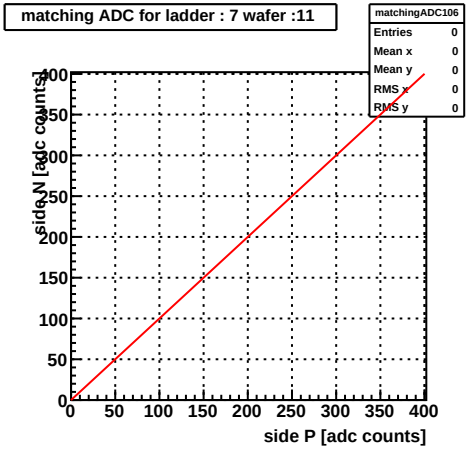

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 240
Mean x 84.8
Mean y 79.73
RMS x 64.05
RMS y 58.02
side N [adc counts]
side P [adc counts]

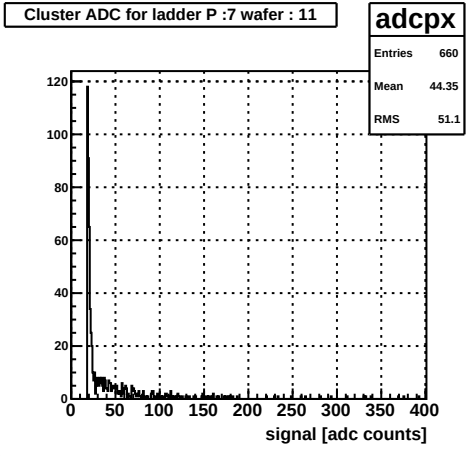

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 483
Mean 66.98
RMS 62.76
signal [adc counts]

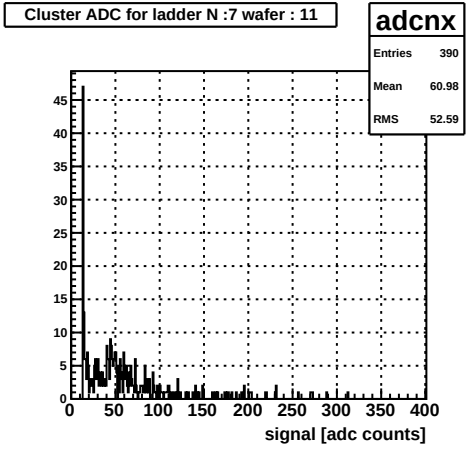

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3250
Mean 48.29
RMS 54.46
signal [adc counts]

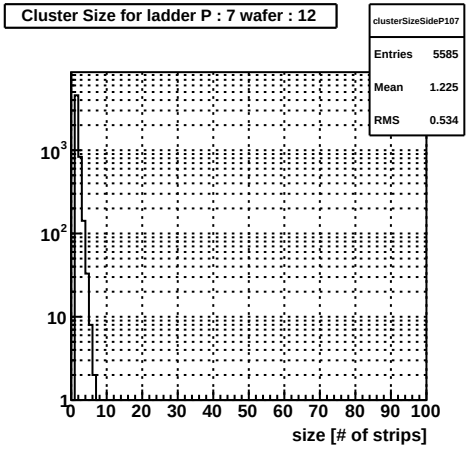

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 660
Mean 1.171
RMS 0.504
size [# of strips]

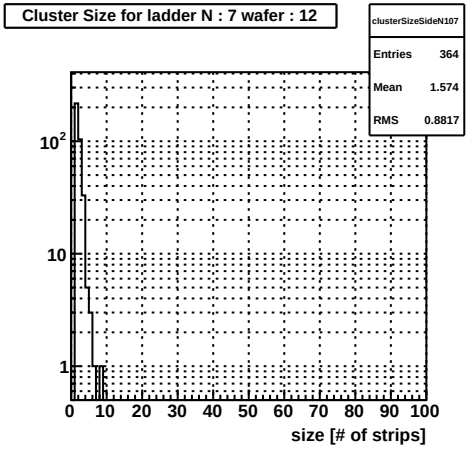

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 390
Mean 1.551
RMS 0.7687
size [# of strips]

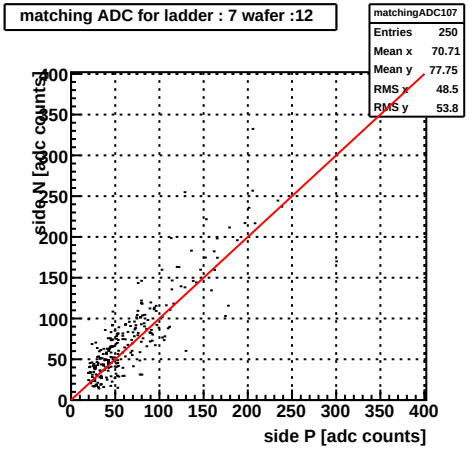

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

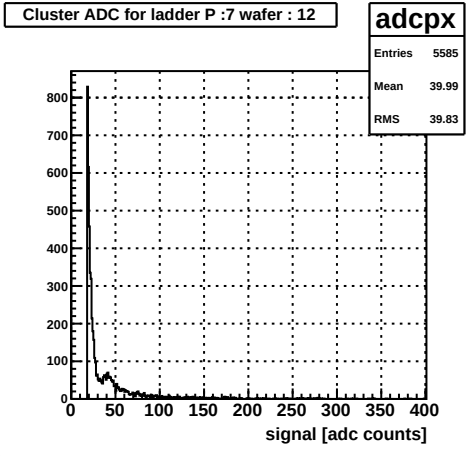

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 660
Mean 44.35
RMS 51.1
signal [adc counts]

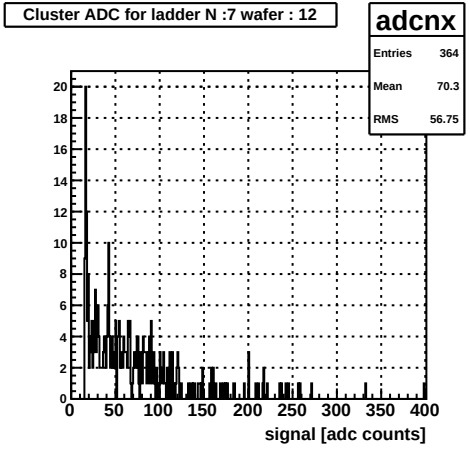

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 390
Mean 60.98
RMS 52.59
signal [adc counts]

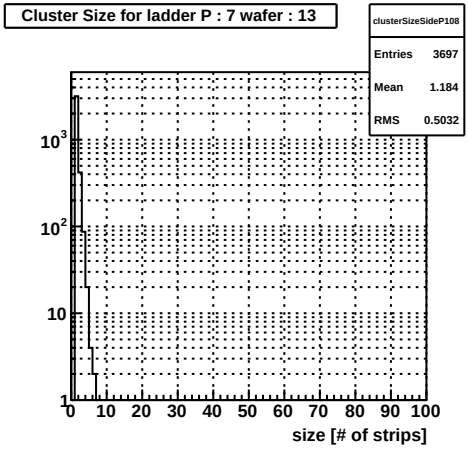

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5585
Mean 1.225
RMS 0.534
size [# of strips]

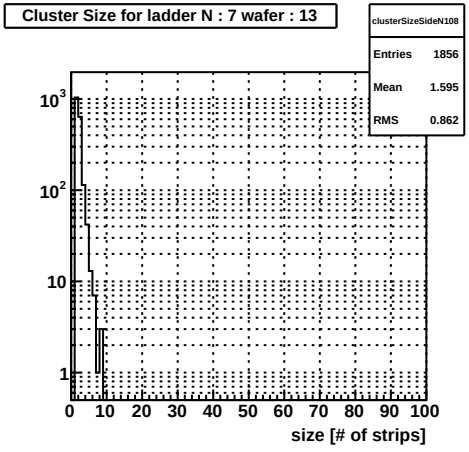

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 364
Mean 1.574
RMS 0.8817
size [# of strips]

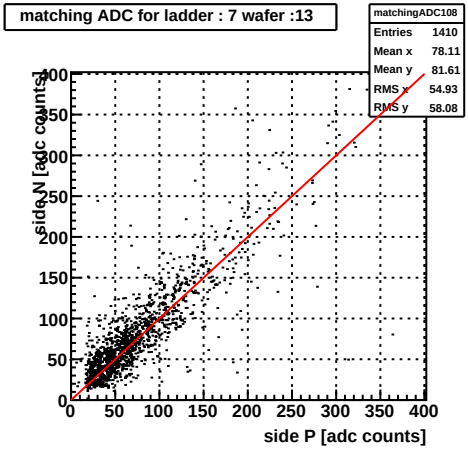

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 250
Mean x 70.71
Mean y 77.75
RMS x 48.5
RMS y 53.8
side N [adc counts]
side P [adc counts]

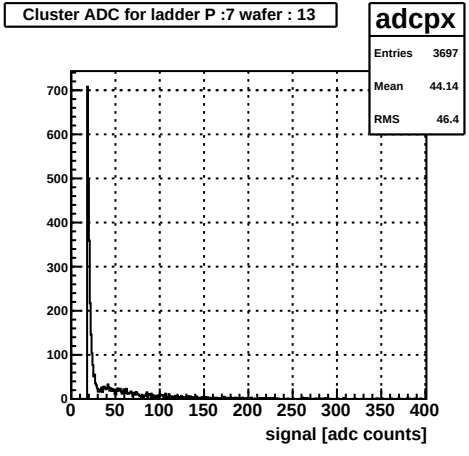

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5585
Mean 39.99
RMS 39.83
signal [adc counts]

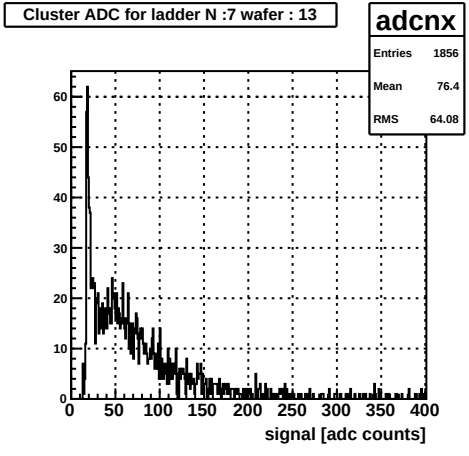

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 364
Mean 70.3
RMS 56.75
signal [adc counts]

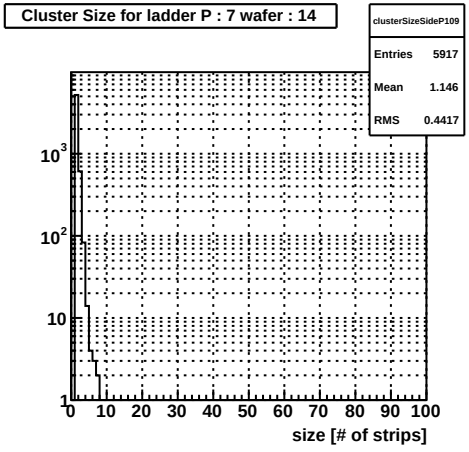

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3697
Mean 1.184
RMS 0.5032
size [# of strips]

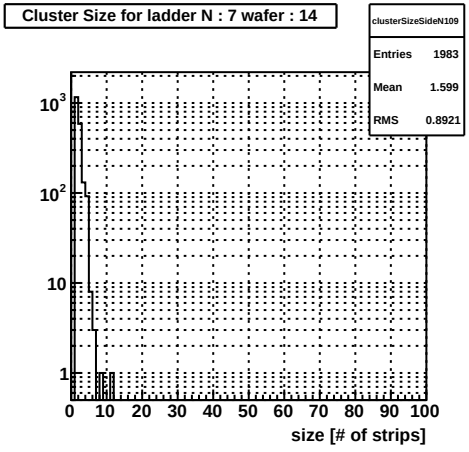

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1856
Mean 1.595
RMS 0.862
size [# of strips]

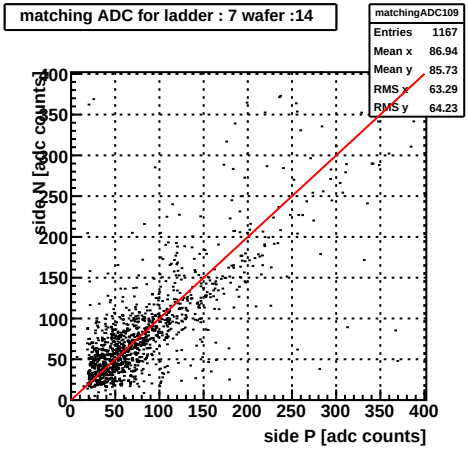

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1410
Mean x 78.11
Mean y 81.61
RMS x 54.93
RMS y 58.08
side N [adc counts]
side P [adc counts]

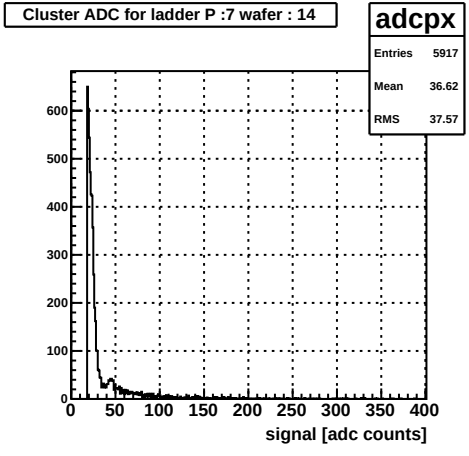

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3697
Mean 44.14
RMS 46.4
signal [adc counts]

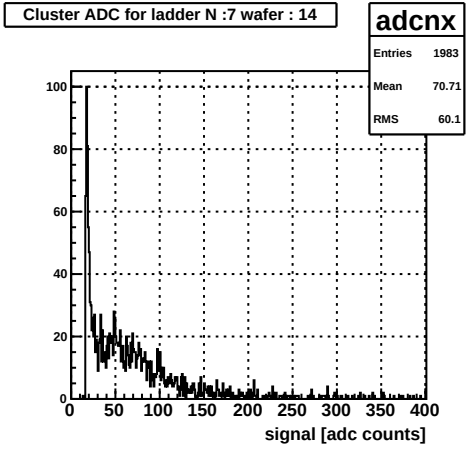

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1856
Mean 76.4
RMS 64.08
signal [adc counts]

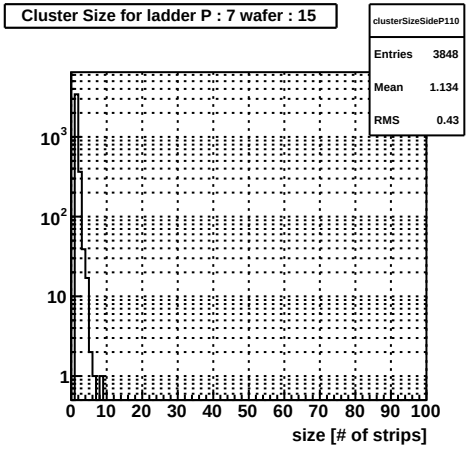

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5917
Mean 1.146
RMS 0.4417
size [# of strips]

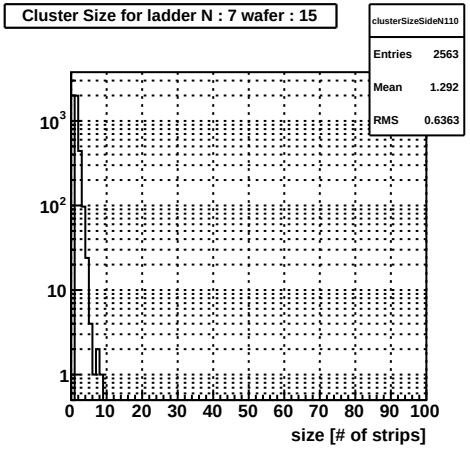

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1983
Mean 1.599
RMS 0.8921
size [# of strips]

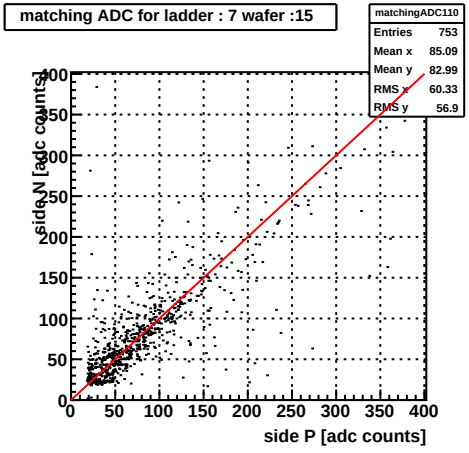

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1167
Mean x 86.94
Mean y 85.73
RMS x 63.29
RMS y 64.23
side N [adc counts]
side P [adc counts]

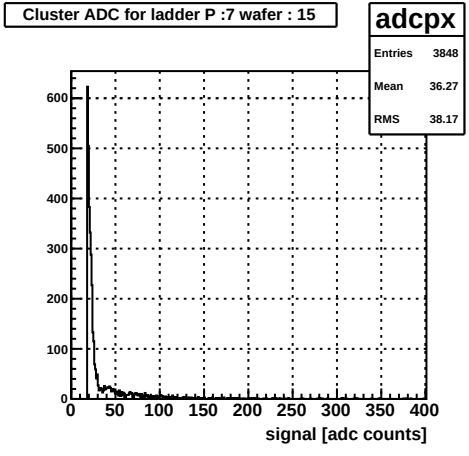

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5917
Mean 36.62
RMS 37.57
signal [adc counts]

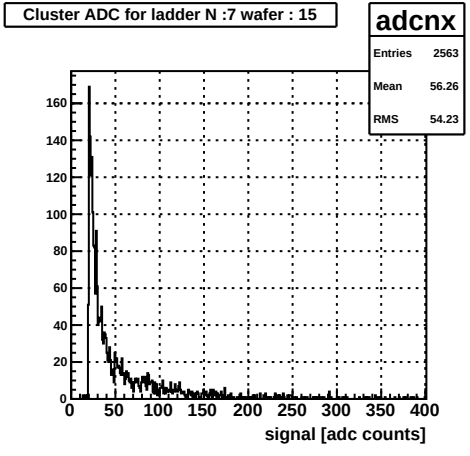

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1983
Mean 70.71
RMS 60.1
signal [adc counts]

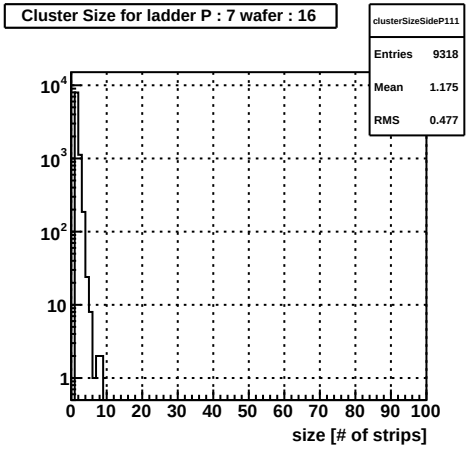

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3848
Mean 1.134
RMS 0.43
size [# of strips]

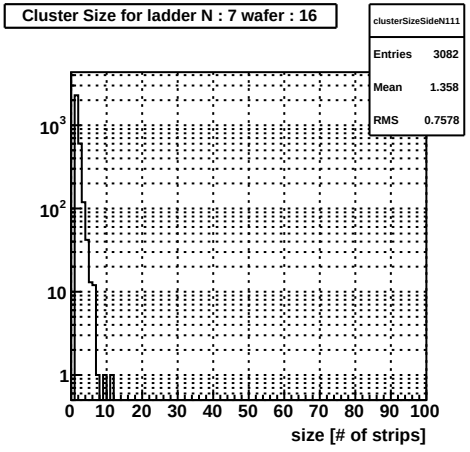

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2563
Mean 1.292
RMS 0.6363
size [# of strips]

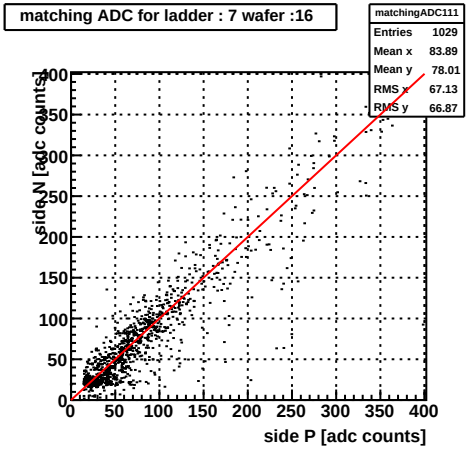

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 753
Mean x 85.09
Mean y 82.99
RMS x 60.33
RMS y 56.9
side N [adc counts]
side P [adc counts]

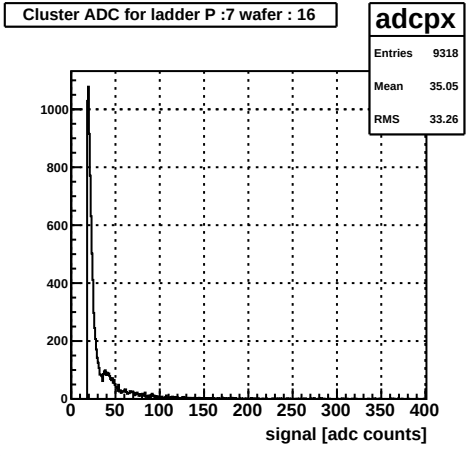

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3848
Mean 36.27
RMS 38.17
signal [adc counts]

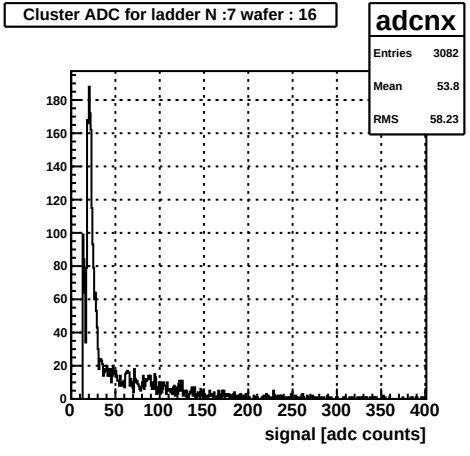

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2563
Mean 56.26
RMS 54.23
signal [adc counts]

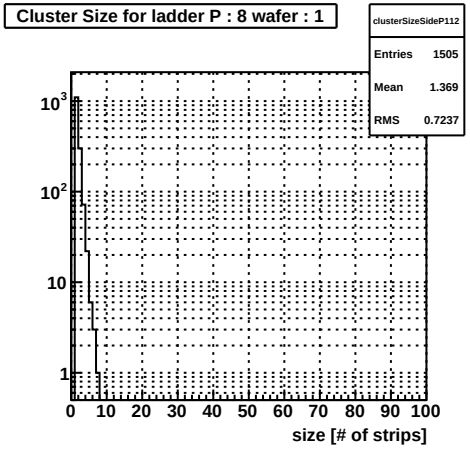

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9318
Mean 1.175
RMS 0.477
size [# of strips]

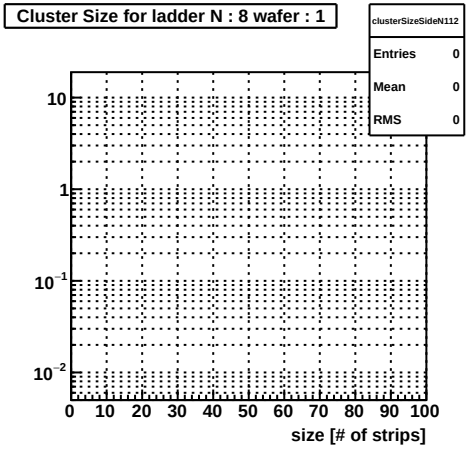

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3082
Mean 1.358
RMS 0.7578
size [# of strips]

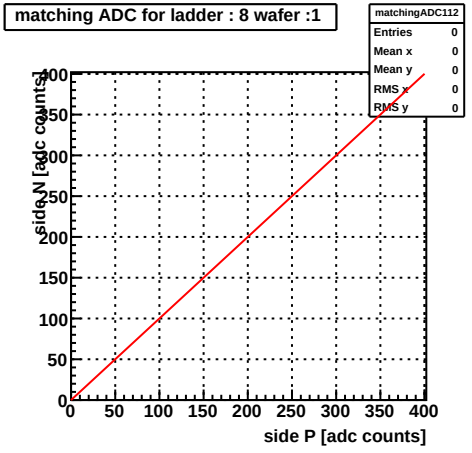

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1029
Mean x 83.89
Mean y 78.01
RMS x 67.13
RMS y 66.87
side N [adc counts]
side P [adc counts]

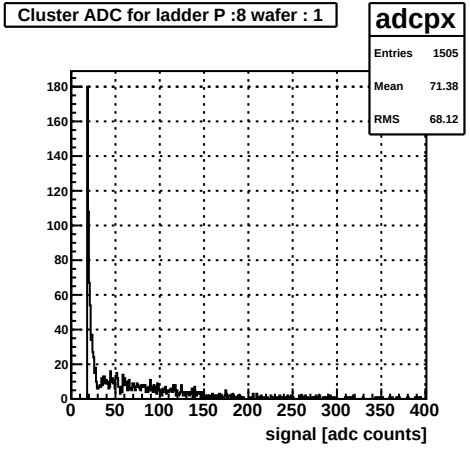

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9318
Mean 35.05
RMS 33.26
signal [adc counts]

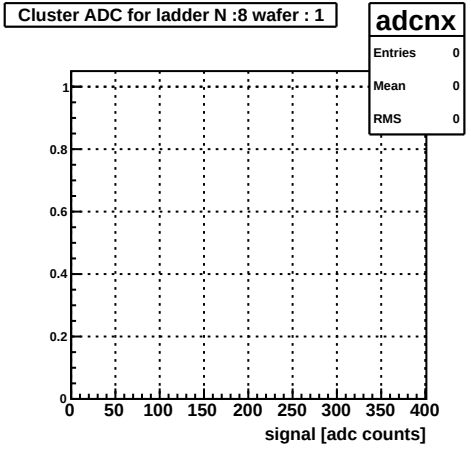

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3082
Mean 53.8
RMS 58.23
signal [adc counts]

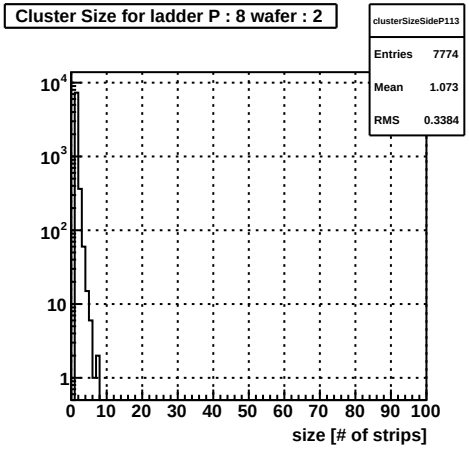

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1505
Mean 1.369
RMS 0.7237
size [# of strips]

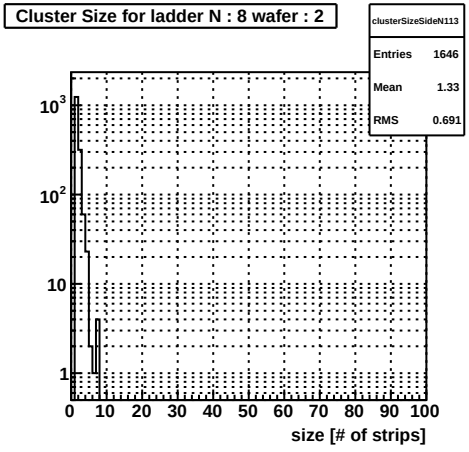

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

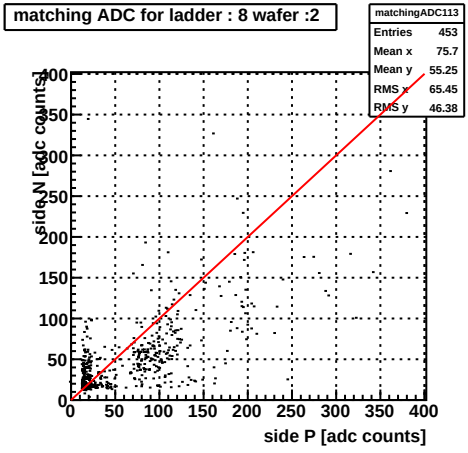

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

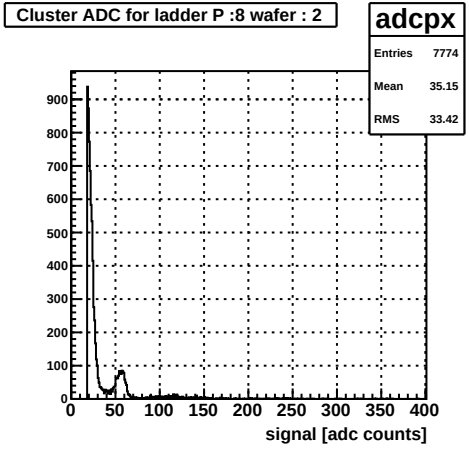

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1505
Mean 71.38
RMS 68.12
signal [adc counts]

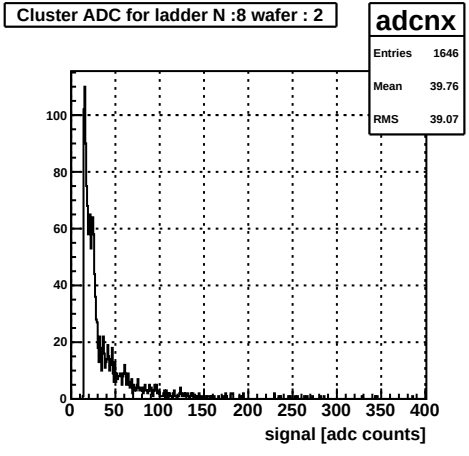

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

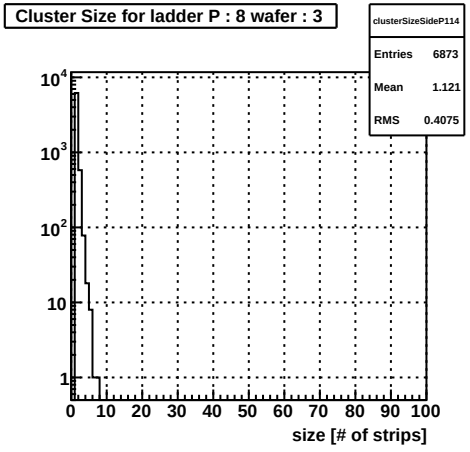

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7774
Mean 1.073
RMS 0.3384
size [# of strips]

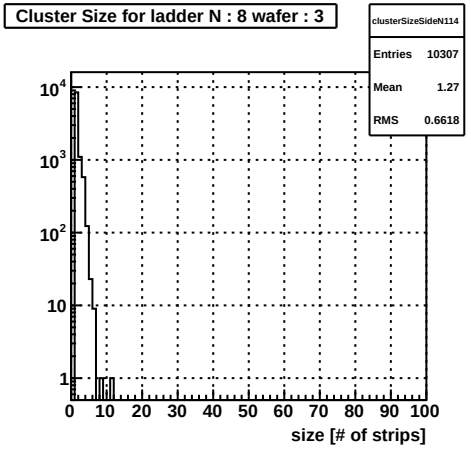

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1646
Mean 1.33
RMS 0.691
size [# of strips]

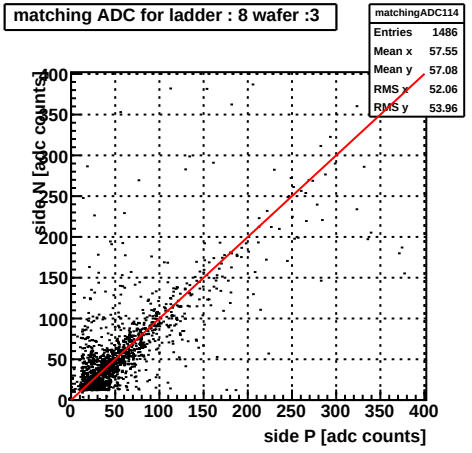

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 453
Mean x 75.7
Mean y 55.25
RMS x 65.45
RMS y 46.38
side N [adc counts]
side P [adc counts]

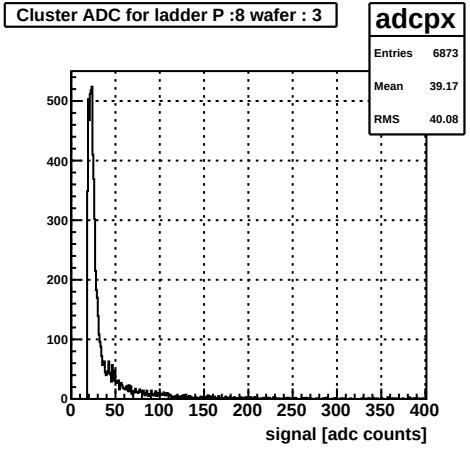

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7774
Mean 35.15
RMS 33.42
signal [adc counts]

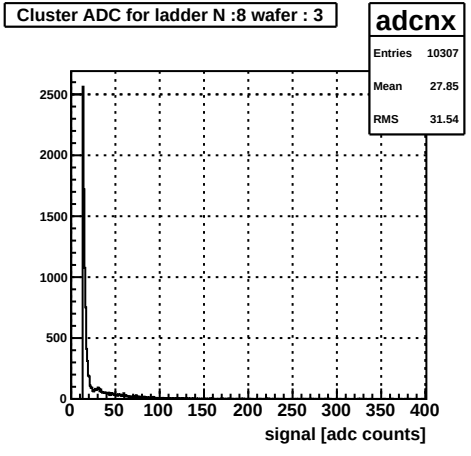

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1646
Mean 39.76
RMS 39.07
signal [adc counts]

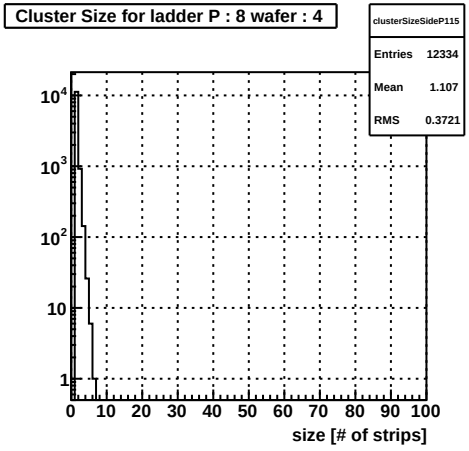

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6873
Mean 1.121
RMS 0.4075
size [# of strips]

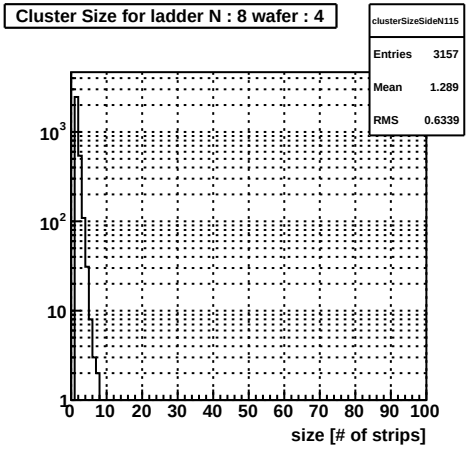

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10307
Mean 1.27
RMS 0.6618
size [# of strips]

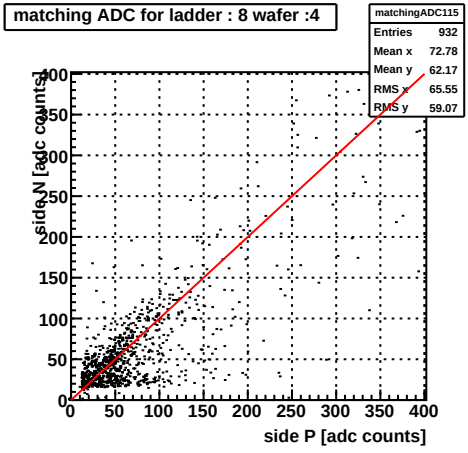

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1486
Mean x 57.55
Mean y 57.08
RMS x 52.06
RMS y 53.96
side N [adc counts]
side P [adc counts]

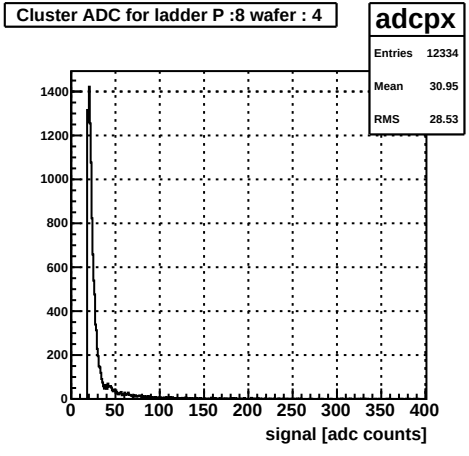

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6873
Mean 39.17
RMS 40.08
signal [adc counts]

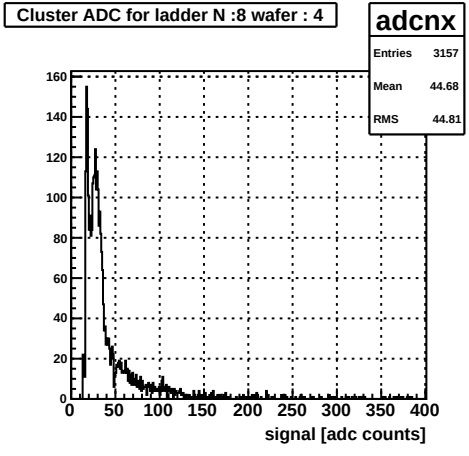

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10307
Mean 27.85
RMS 31.54
signal [adc counts]

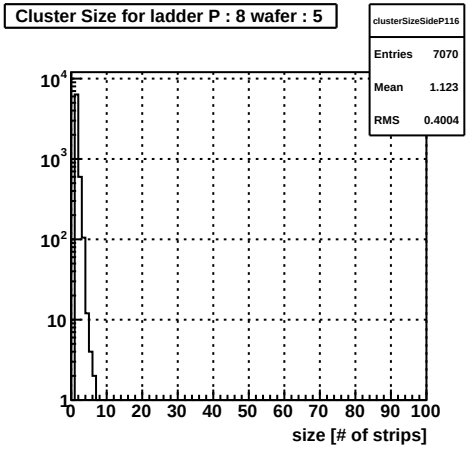

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12334
Mean 1.107
RMS 0.3721
size [# of strips]

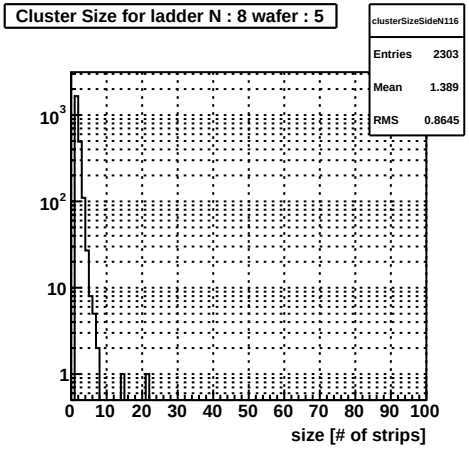

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3157
Mean 1.289
RMS 0.6339
size [# of strips]

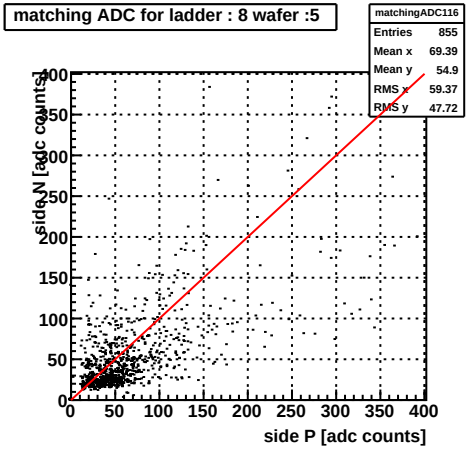

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 932
Mean x 72.78
Mean y 62.17
RMS x 65.55
RMS y 59.07
side N [adc counts]
side P [adc counts]

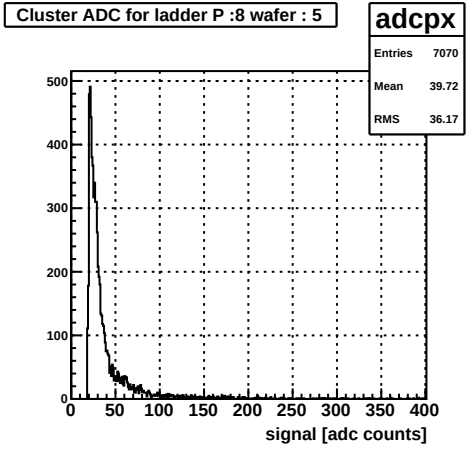

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12334
Mean 30.95
RMS 28.53
signal [adc counts]

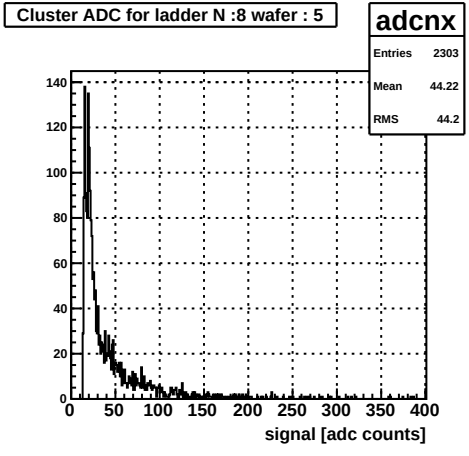

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3157
Mean 44.68
RMS 44.81
signal [adc counts]

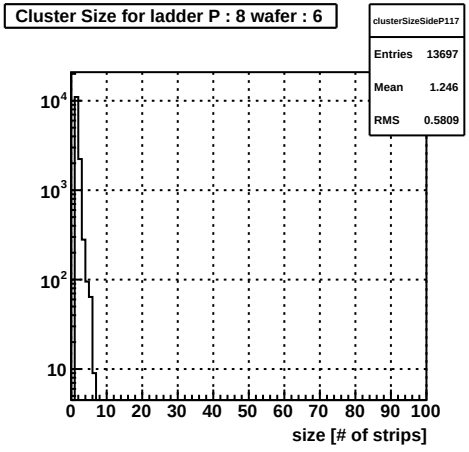

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7070
Mean 1.123
RMS 0.4004
size [# of strips]

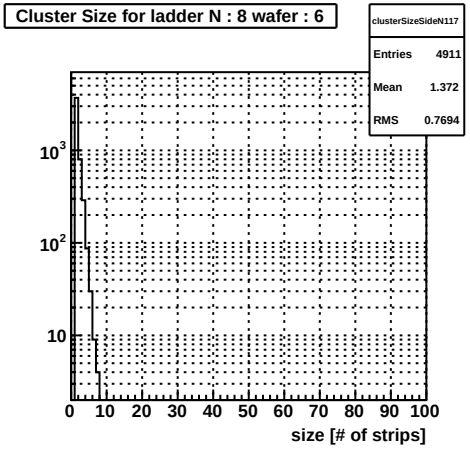

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2303
Mean 1.389
RMS 0.8645
size [# of strips]

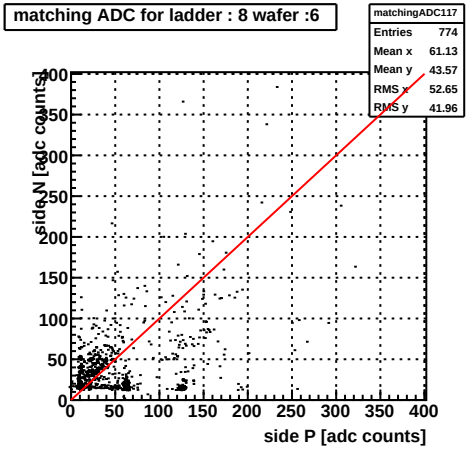

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 855
Mean x 69.39
Mean y 54.9
RMS x 59.37
RMS y 47.72
side N [adc counts]
side P [adc counts]

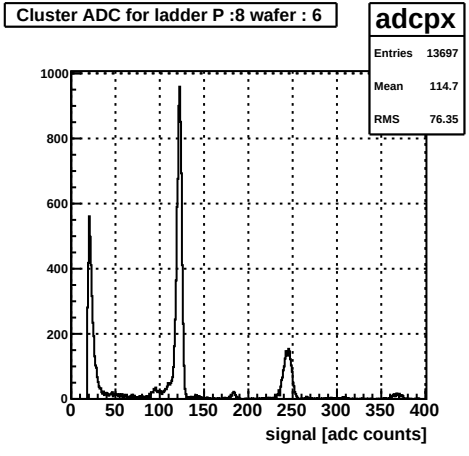

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7070
Mean 39.72
RMS 36.17
signal [adc counts]

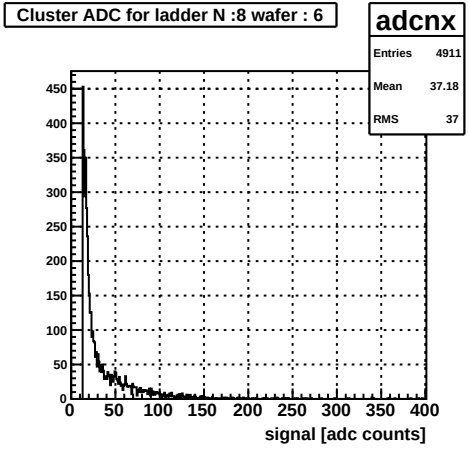

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2303
Mean 44.22
RMS 44.2
signal [adc counts]

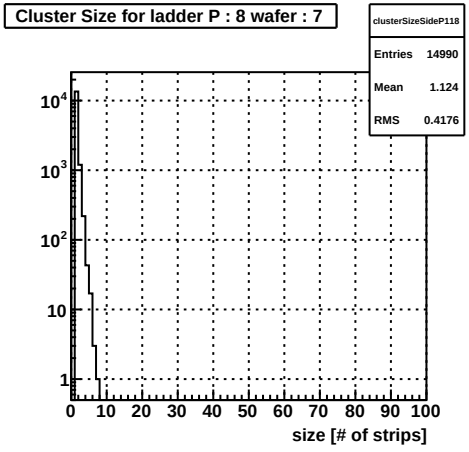

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13697
Mean 1.246
RMS 0.5809
size [# of strips]

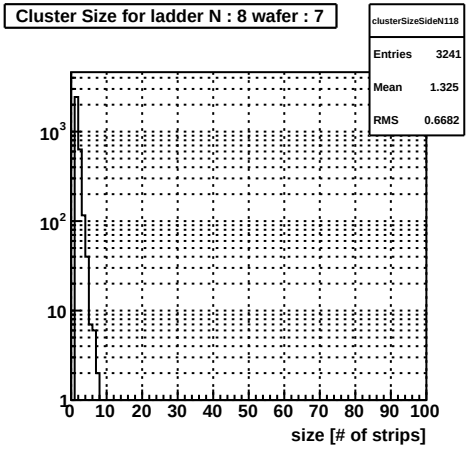

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4911
Mean 1.372
RMS 0.7694
size [# of strips]

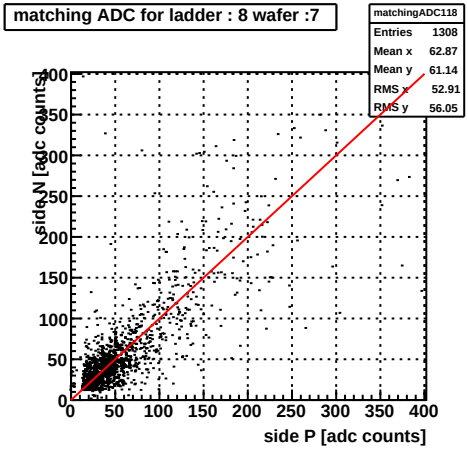

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 774
Mean x 61.13
Mean y 43.57
RMS x 52.65
RMS y 41.96
side N [adc counts]
side P [adc counts]

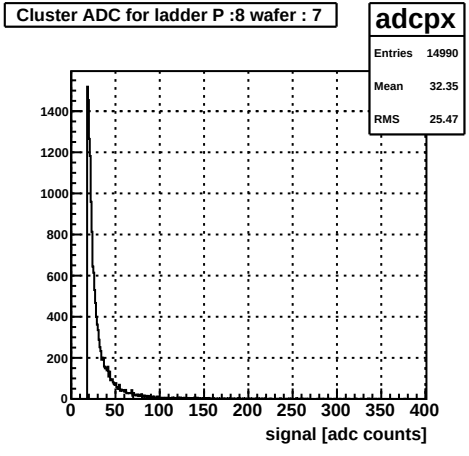

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13697
Mean 114.7
RMS 76.35
signal [adc counts]

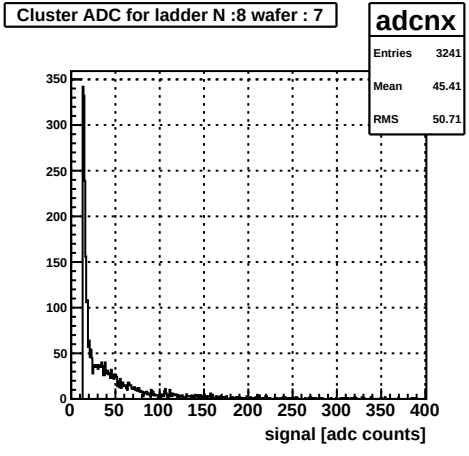

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4911
Mean 37.18
RMS 37
signal [adc counts]

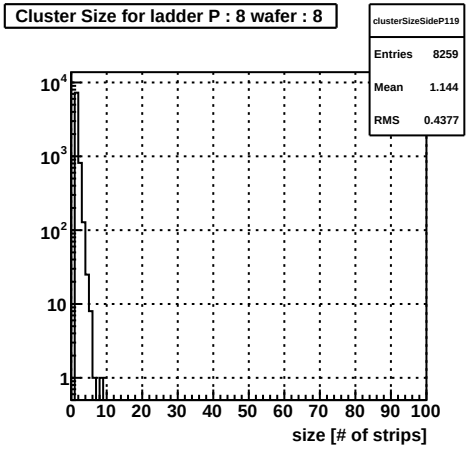

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14990
Mean 1.124
RMS 0.4176
size [# of strips]

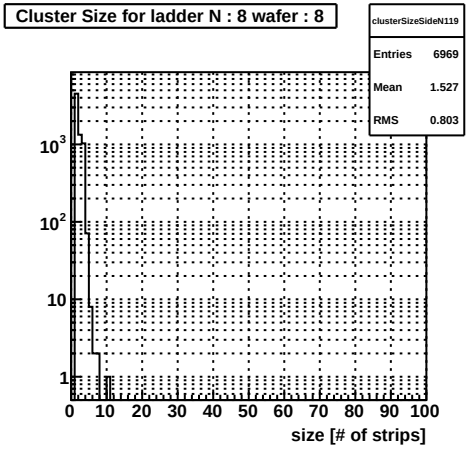

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3241
Mean 1.325
RMS 0.6682
size [# of strips]

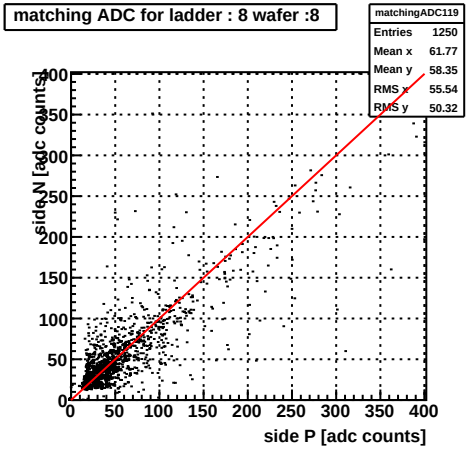

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1308
Mean x 62.87
Mean y 61.14
RMS x 52.91
RMS y 56.05
side N [adc counts]
side P [adc counts]

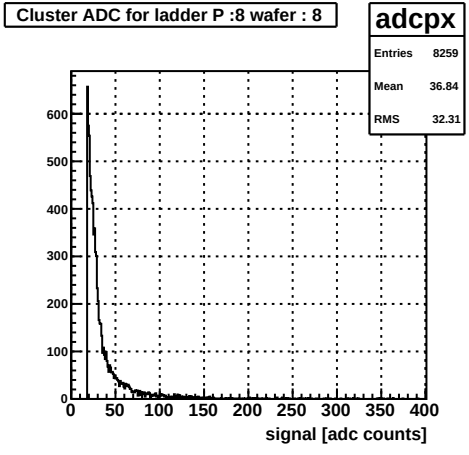

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14990
Mean 32.35
RMS 25.47
signal [adc counts]

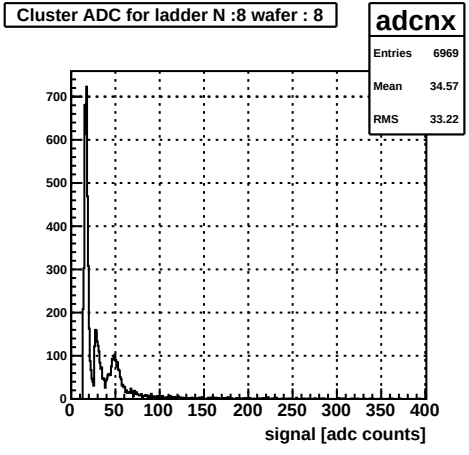

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3241
Mean 45.41
RMS 50.71
signal [adc counts]

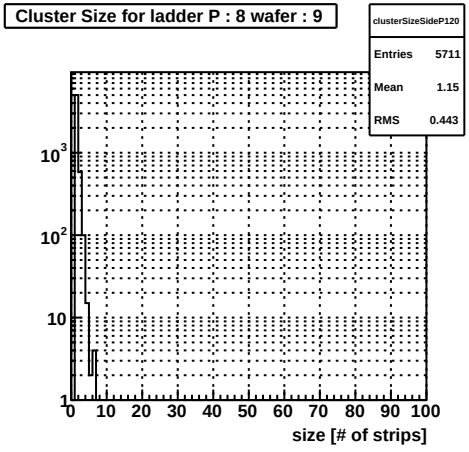

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8259
Mean 1.144
RMS 0.4377
size [# of strips]

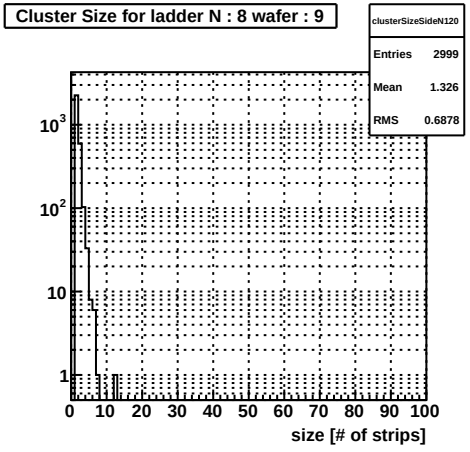

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6969
Mean 1.527
RMS 0.803
size [# of strips]

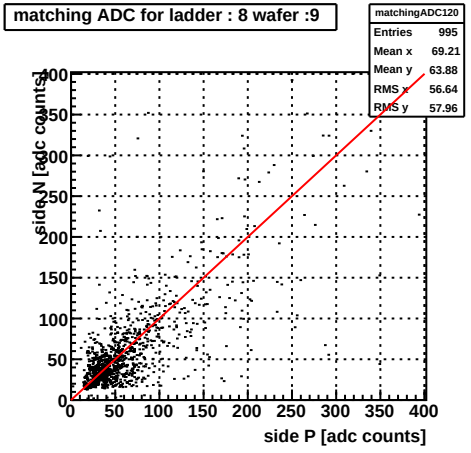

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1250
Mean x 61.77
Mean y 58.35
RMS x 55.54
RMS y 50.32
side N [adc counts]
side P [adc counts]

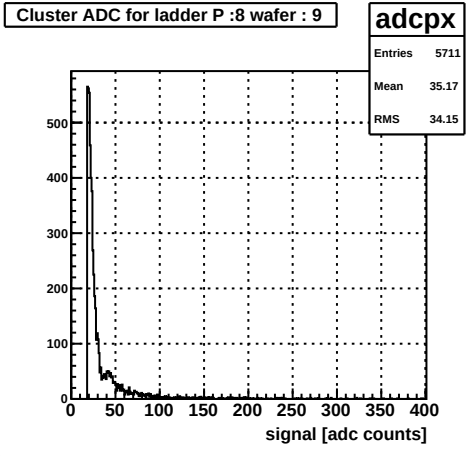

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8259
Mean 36.84
RMS 32.31
signal [adc counts]

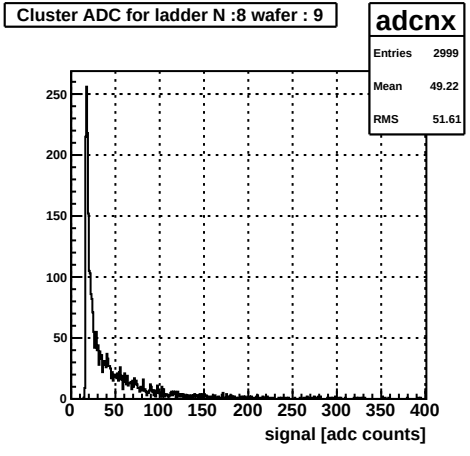

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6969
Mean 34.57
RMS 33.22
signal [adc counts]

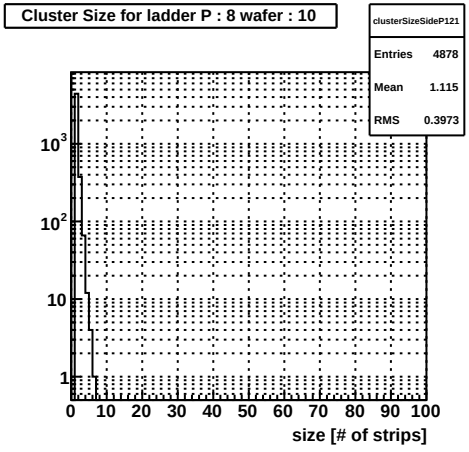

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5711
Mean 1.15
RMS 0.443
size [# of strips]

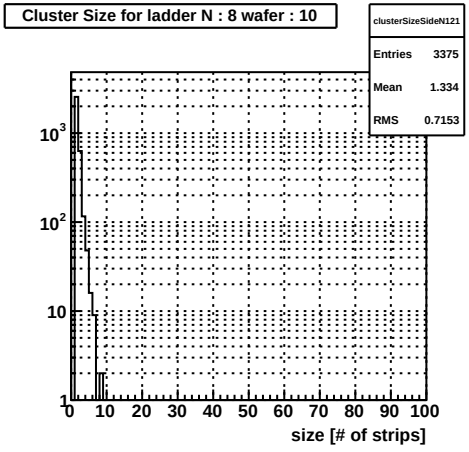

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2999
Mean 1.326
RMS 0.6878
size [# of strips]

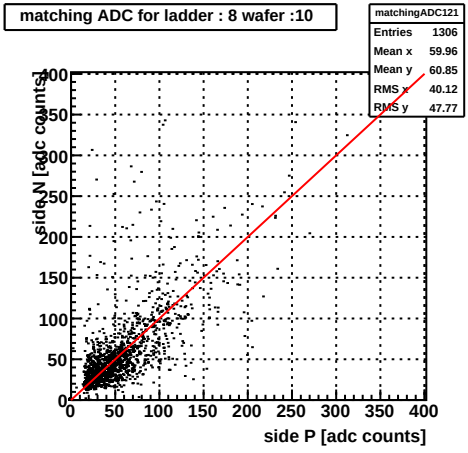

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 995
Mean x 69.21
Mean y 63.88
RMS x 56.64
RMS y 57.96
side N [adc counts]
side P [adc counts]

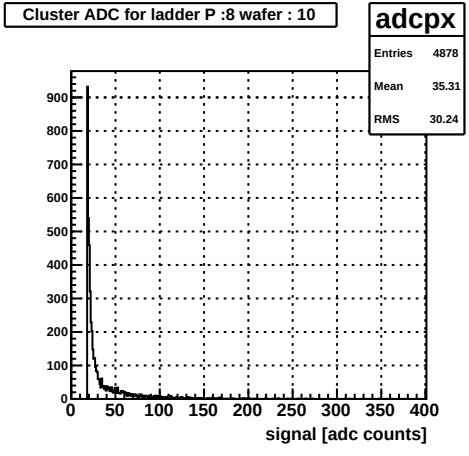

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5711
Mean 35.17
RMS 34.15
signal [adc counts]

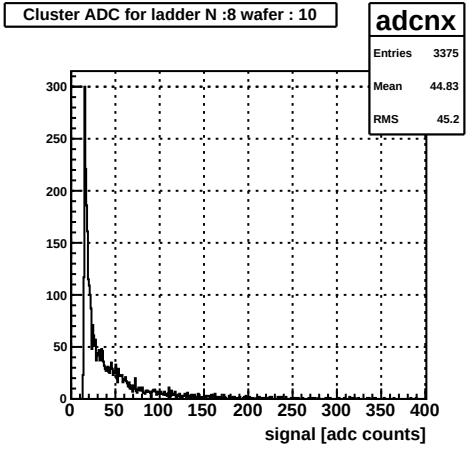

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2999
Mean 49.22
RMS 51.61
signal [adc counts]

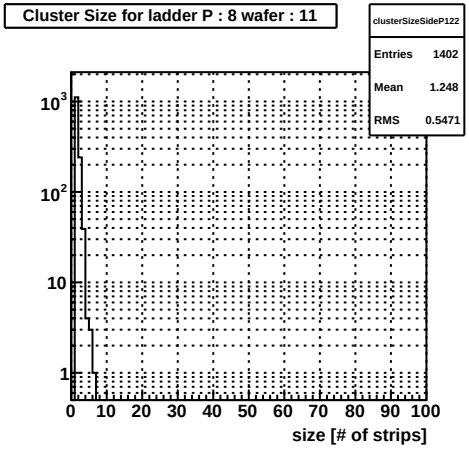

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4878
Mean 1.115
RMS 0.3973
size [# of strips]

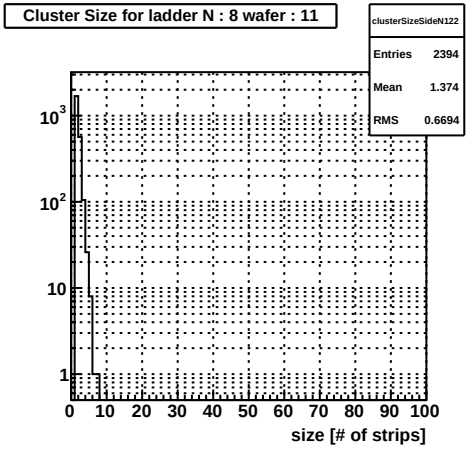

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3375
Mean 1.334
RMS 0.7153
size [# of strips]

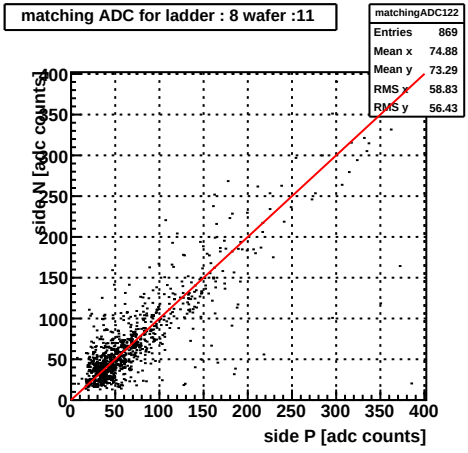

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1306
Mean x 59.96
Mean y 60.85
RMS x 40.12
RMS y 47.77
side N [adc counts]
side P [adc counts]

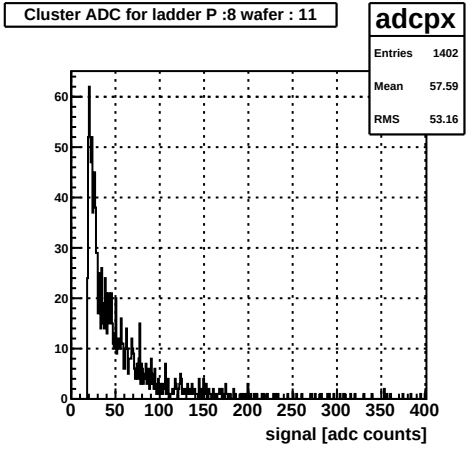

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4878
Mean 35.31
RMS 30.24
signal [adc counts]

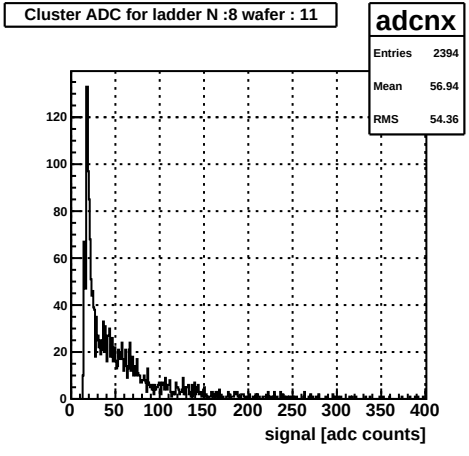

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3375
Mean 44.83
RMS 45.2
signal [adc counts]

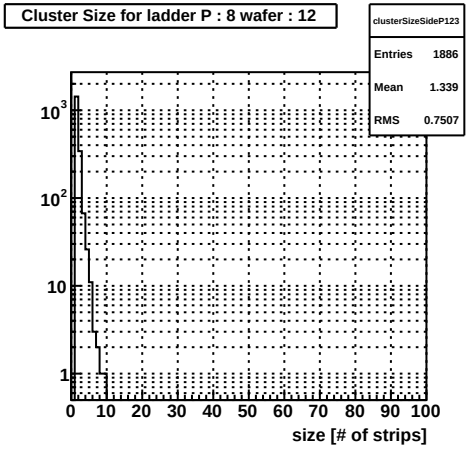

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1402
Mean 1.248
RMS 0.5471
size [# of strips]

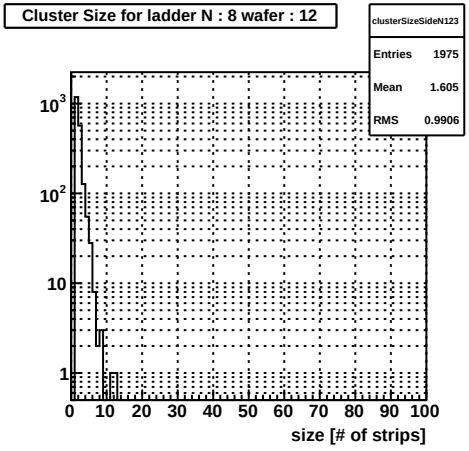

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2394
Mean 1.374
RMS 0.6694
size [# of strips]

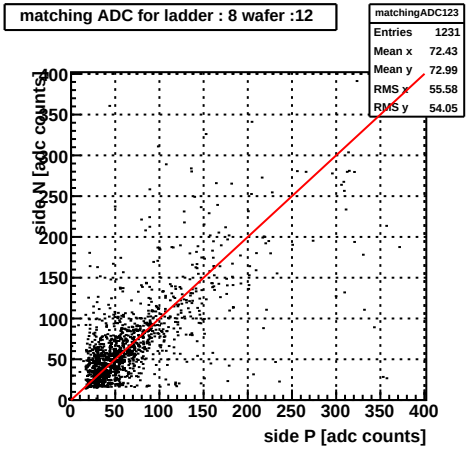

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 869
Mean x 74.88
Mean y 73.29
RMS x 58.83
RMS y 56.43
side N [adc counts]
side P [adc counts]

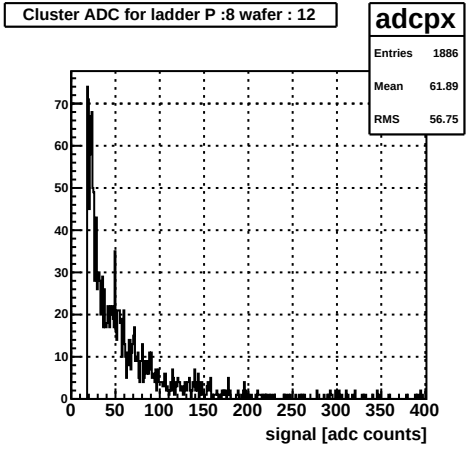

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1402
Mean 57.59
RMS 53.16
signal [adc counts]

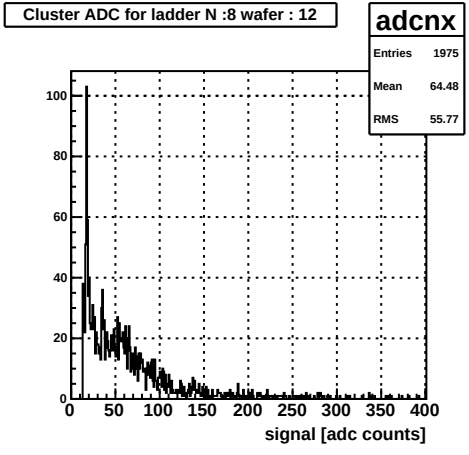

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2394
Mean 56.94
RMS 54.36
signal [adc counts]

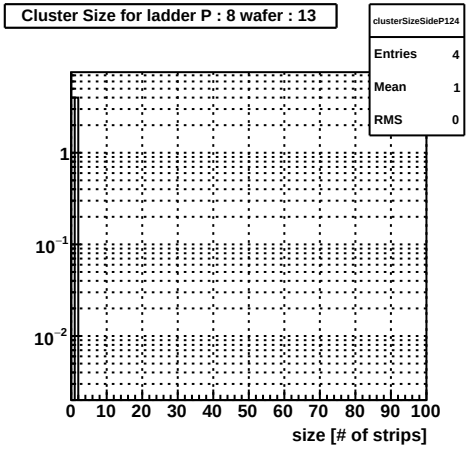

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1886
Mean 1.339
RMS 0.7507
size [# of strips]

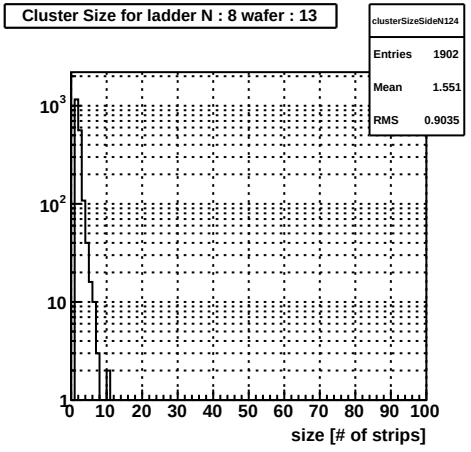

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1975
Mean 1.605
RMS 0.9906
size [# of strips]

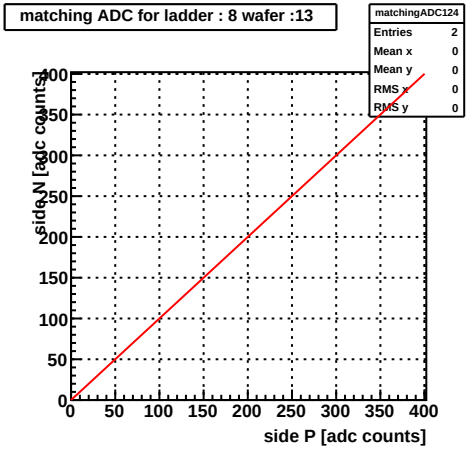

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1231
Mean x 72.43
Mean y 72.99
RMS x 55.58
RMS y 54.05
side N [adc counts]
side P [adc counts]

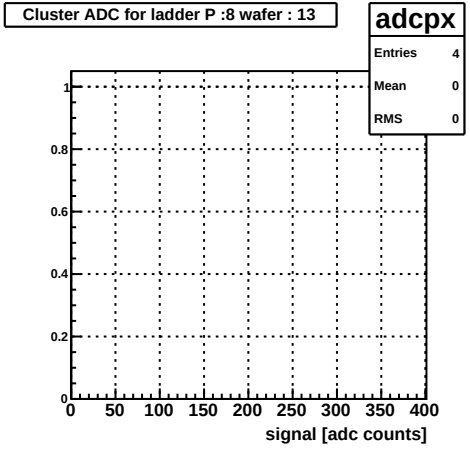

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1886
Mean 61.89
RMS 56.75
signal [adc counts]

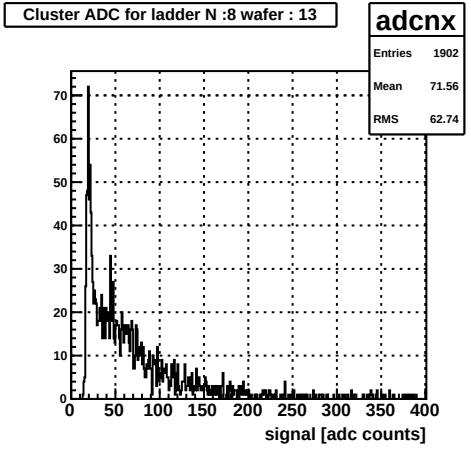

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1975
Mean 64.48
RMS 55.77
signal [adc counts]

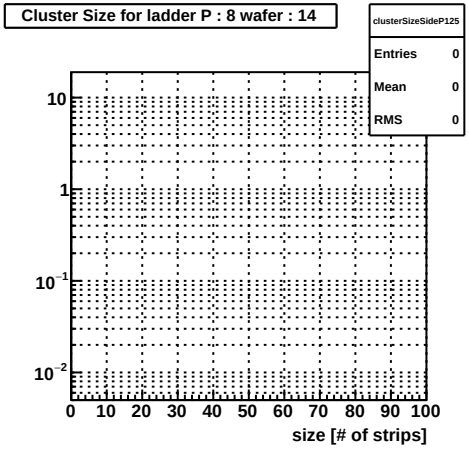

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 4
Mean 1
RMS 0
size [# of strips]

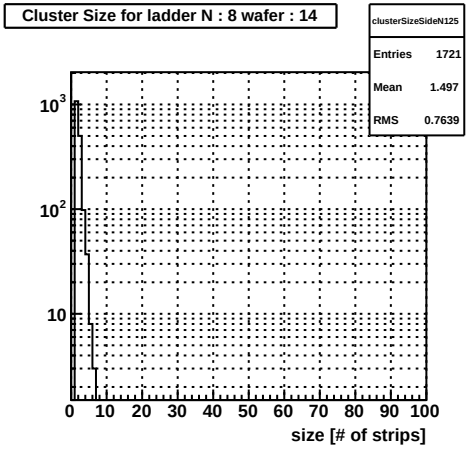

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1902
Mean 1.551
RMS 0.9035
size [# of strips]

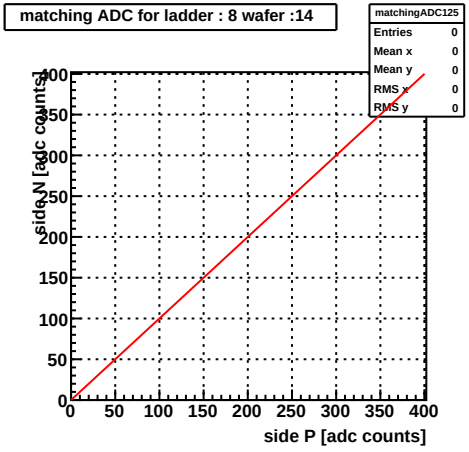

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

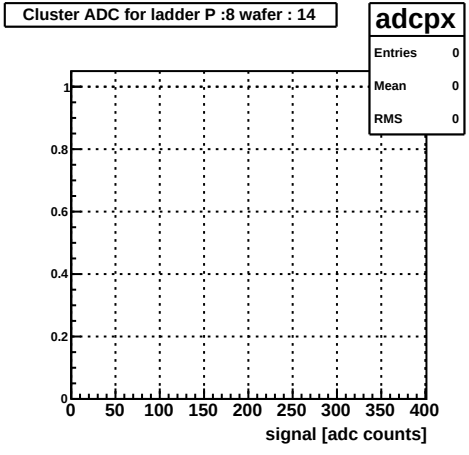

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

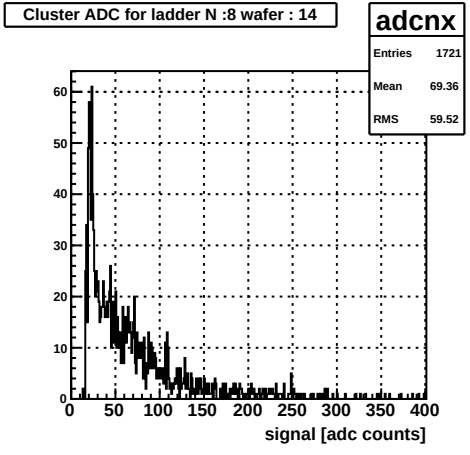

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1902
Mean 71.56
RMS 62.74
signal [adc counts]

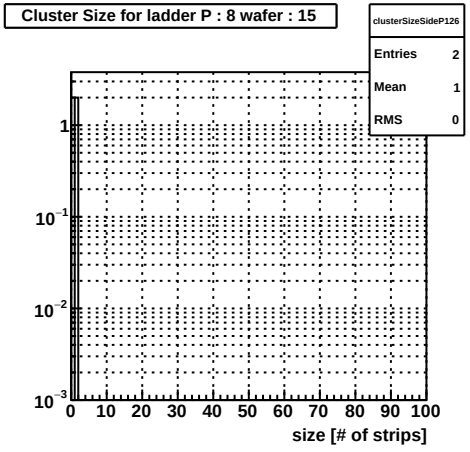

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

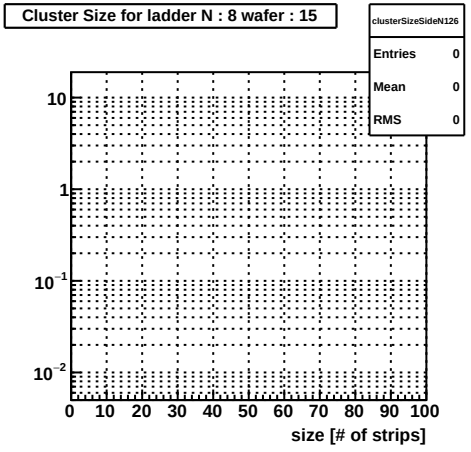

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1721
Mean 1.497
RMS 0.7639
size [# of strips]

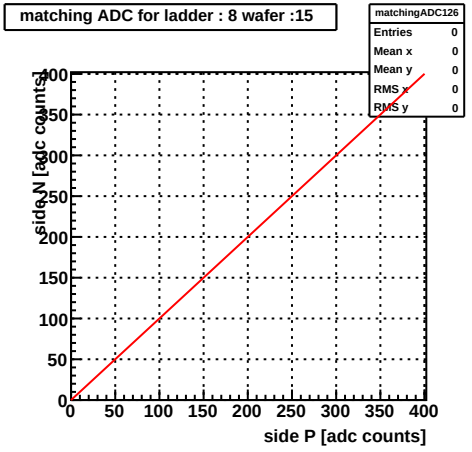

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

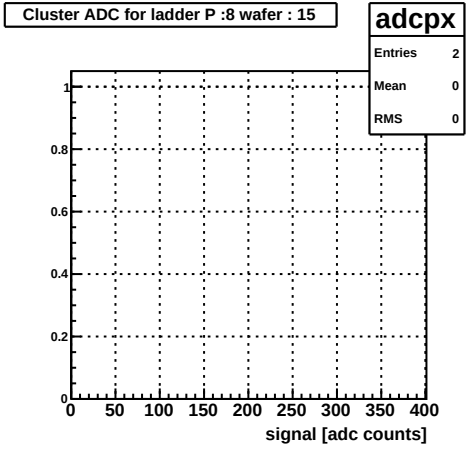

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

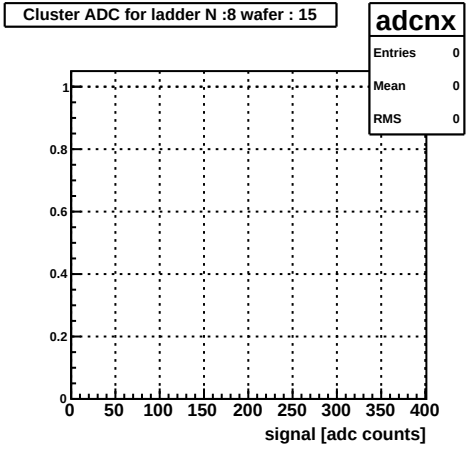

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1721
Mean 69.36
RMS 59.52
signal [adc counts]

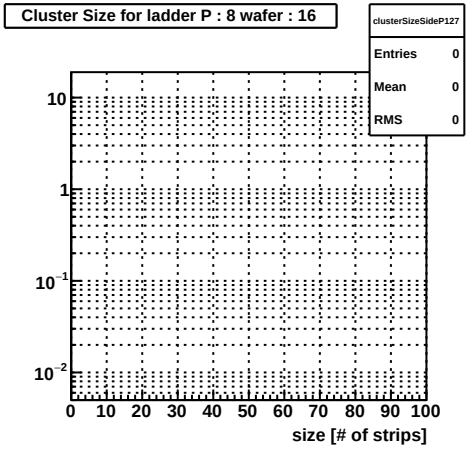

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

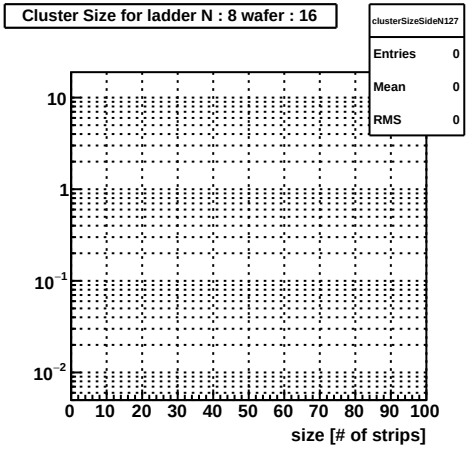

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

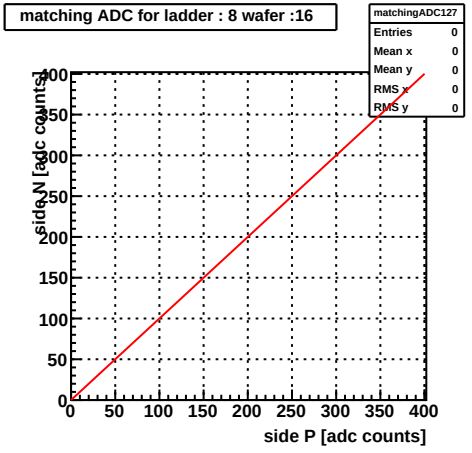

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

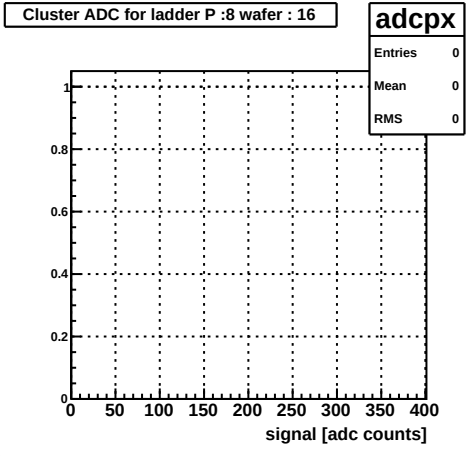

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

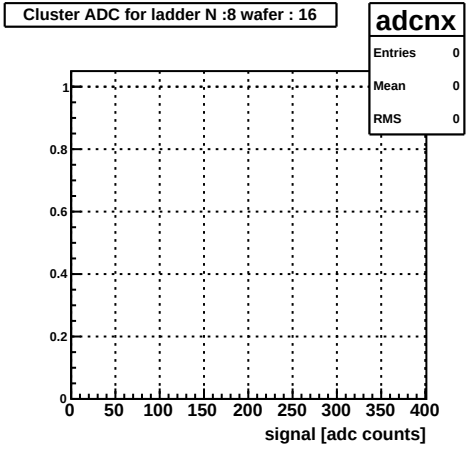

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

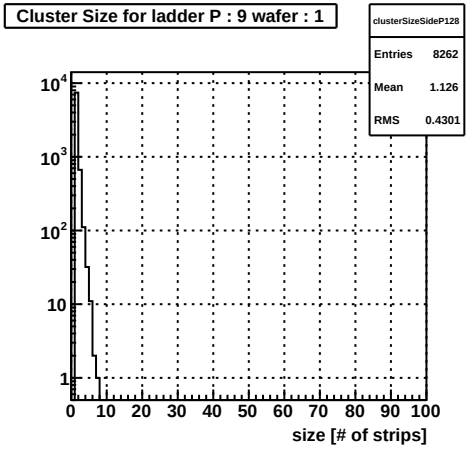

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

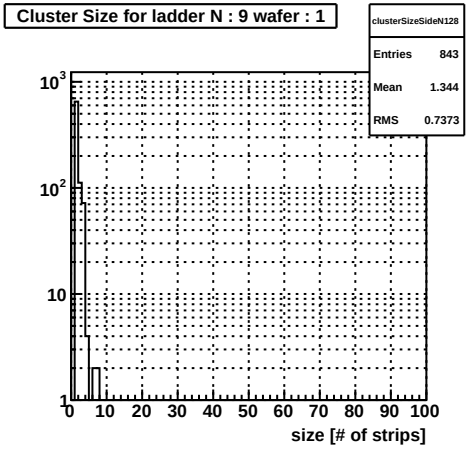

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

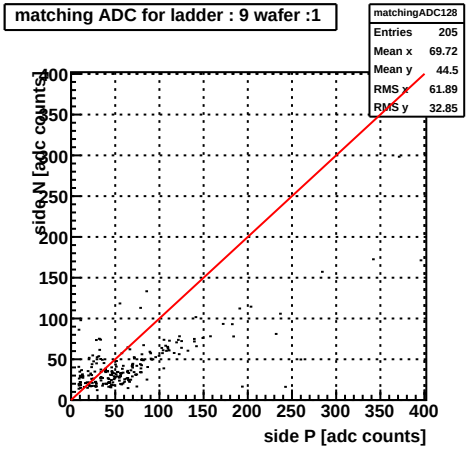

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

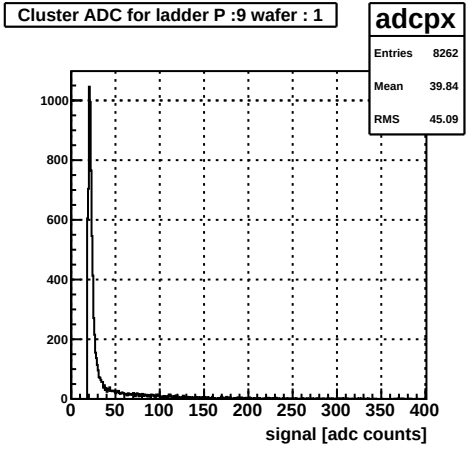

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

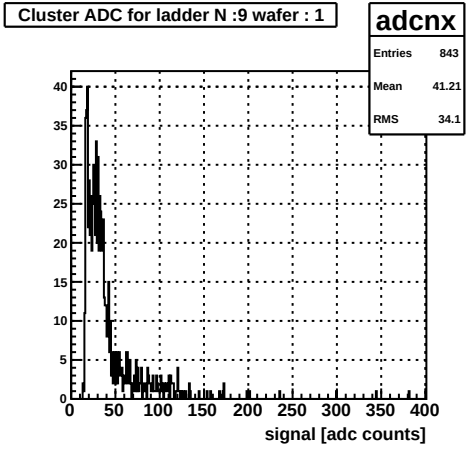

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

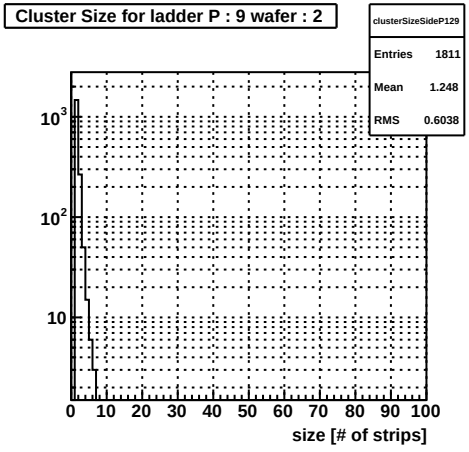

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8262
Mean 1.126
RMS 0.4301
size [# of strips]

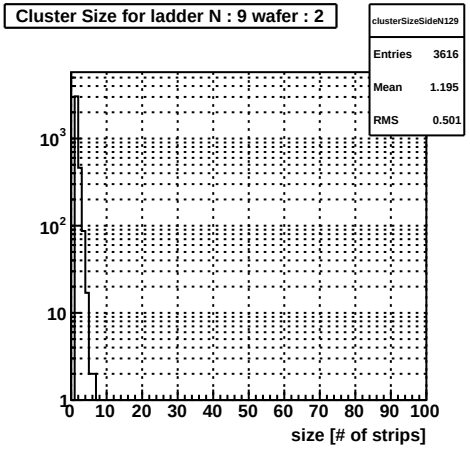

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 843
Mean 1.344
RMS 0.7373
size [# of strips]

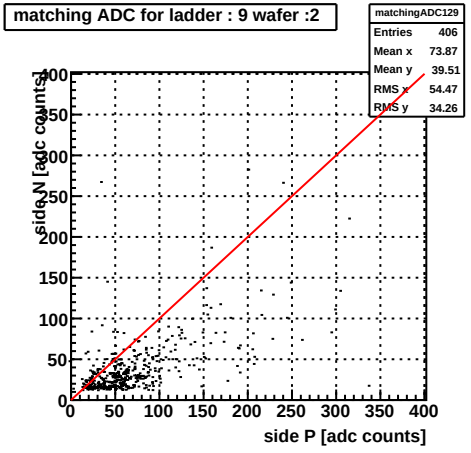

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 205
Mean x 69.72
Mean y 44.5
RMS x 61.89
RMS y 32.85
side N [adc counts]
side P [adc counts]

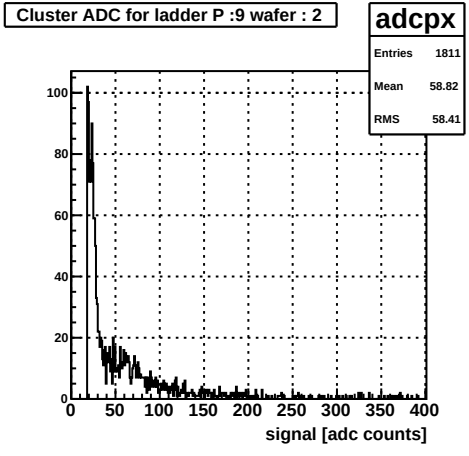

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8262
Mean 39.84
RMS 45.09
signal [adc counts]

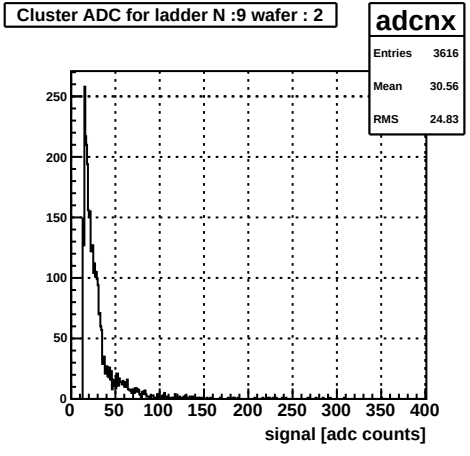

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 843
Mean 41.21
RMS 34.1
signal [adc counts]

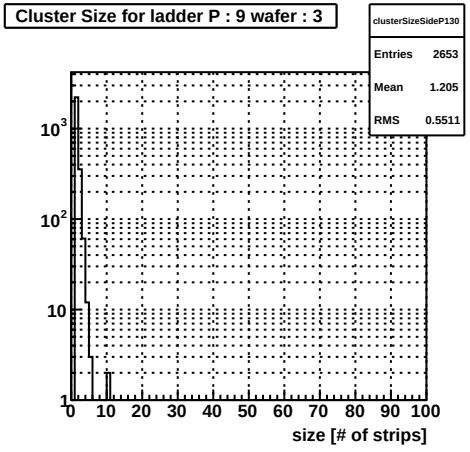

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1811
Mean 1.248
RMS 0.6038
size [# of strips]

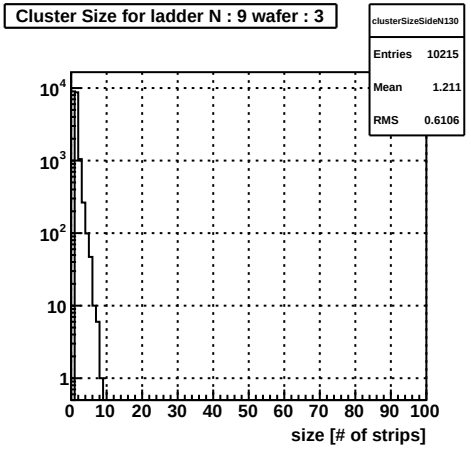

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3616
Mean 1.195
RMS 0.501
size [# of strips]

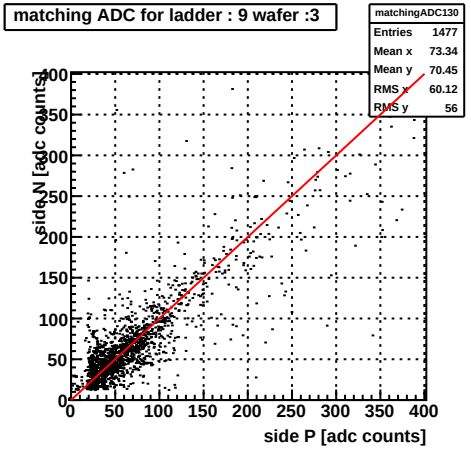

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 406
Mean x 73.87
Mean y 39.51
RMS x 54.47
RMS y 34.26
side N [adc counts]
side P [adc counts]

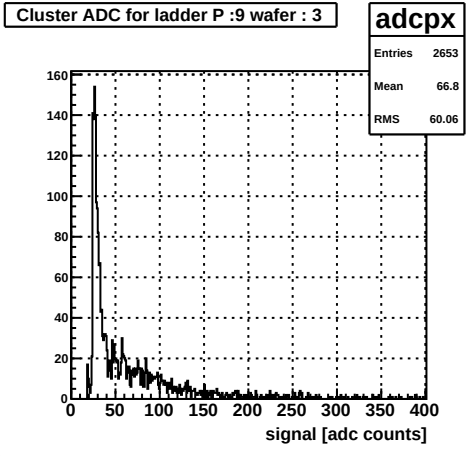

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1811
Mean 58.82
RMS 58.41
signal [adc counts]

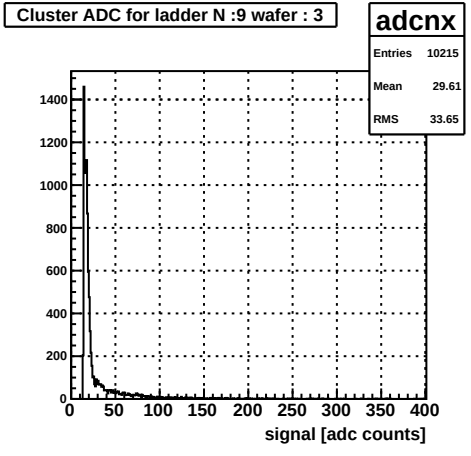

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3616
Mean 30.56
RMS 24.83
signal [adc counts]

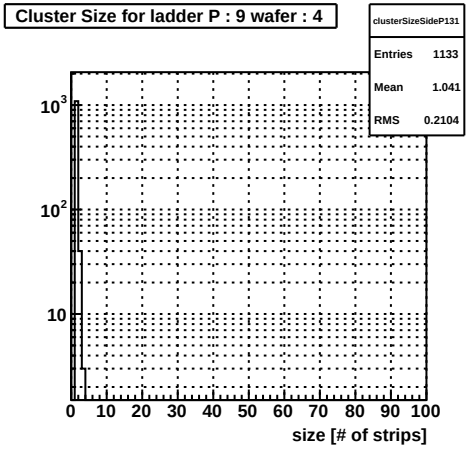

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2653
Mean 1.205
RMS 0.5511
size [# of strips]

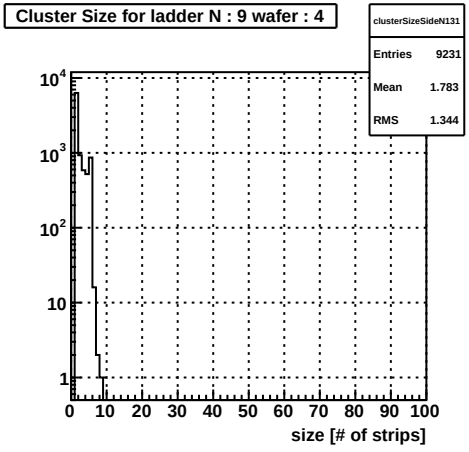

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10215
Mean 1.211
RMS 0.6106
size [# of strips]

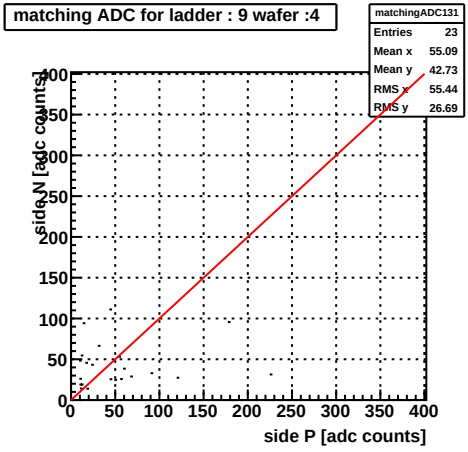

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1477
Mean x 73.34
Mean y 70.45
RMS x 60.12
RMS y 56
side N [adc counts]
side P [adc counts]

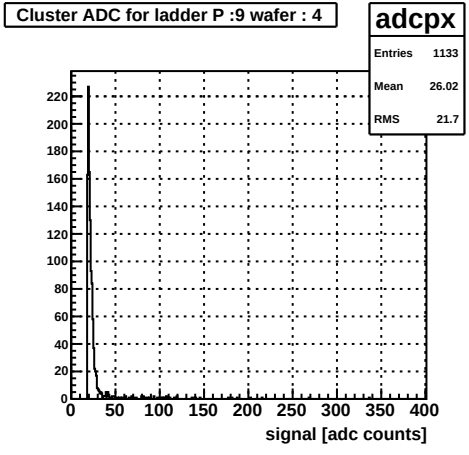

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2653
Mean 66.8
RMS 60.06
signal [adc counts]

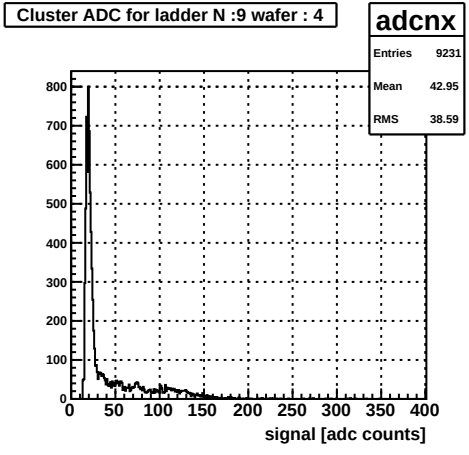

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10215
Mean 29.61
RMS 33.65
signal [adc counts]

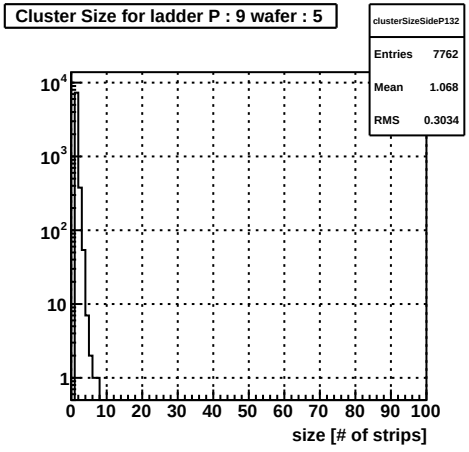

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 1133
Mean 1.041
RMS 0.2104
size [# of strips]

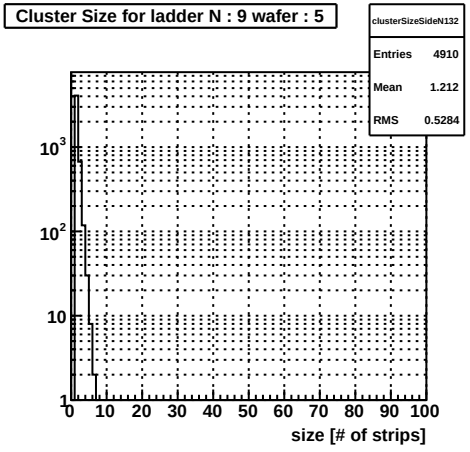

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 9231
Mean 1.783
RMS 1.344
size [# of strips]

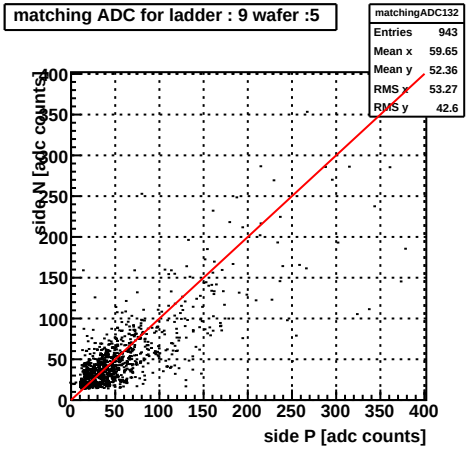

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 23
Mean x 55.09
Mean y 42.73
RMS x 55.44
RMS y 26.69
side N [adc counts]
side P [adc counts]

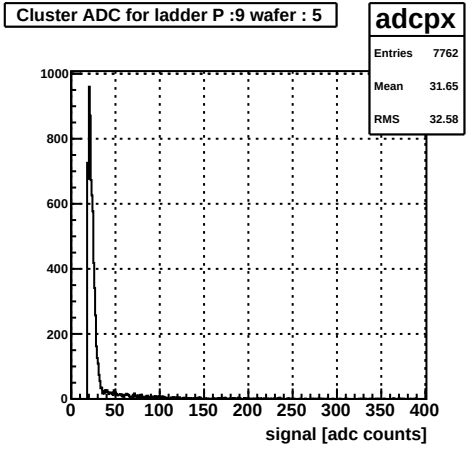

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 1133
Mean 26.02
RMS 21.7
signal [adc counts]

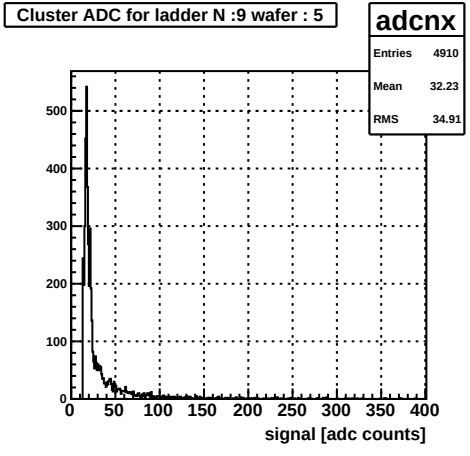

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 9231
Mean 42.95
RMS 38.59
signal [adc counts]

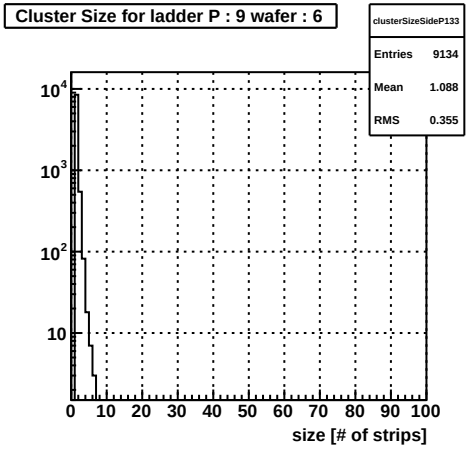

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7762
Mean 1.068
RMS 0.3034
size [# of strips]

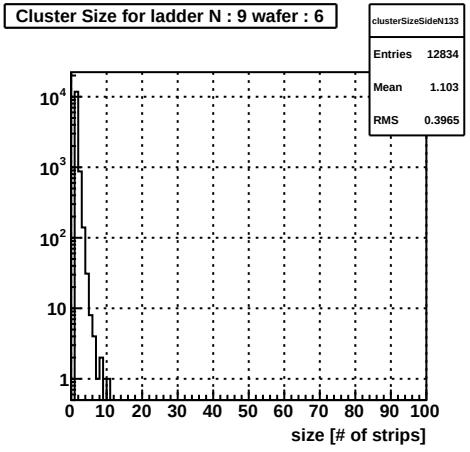

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 4910
Mean 1.212
RMS 0.5284
size [# of strips]

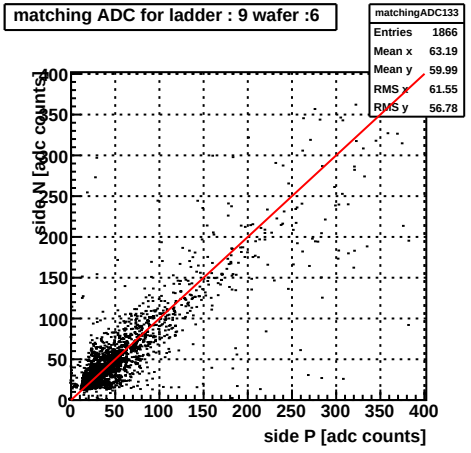

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 943
Mean x 59.65
Mean y 52.36
RMS x 53.27
RMS y 42.6
side N [adc counts]
side P [adc counts]

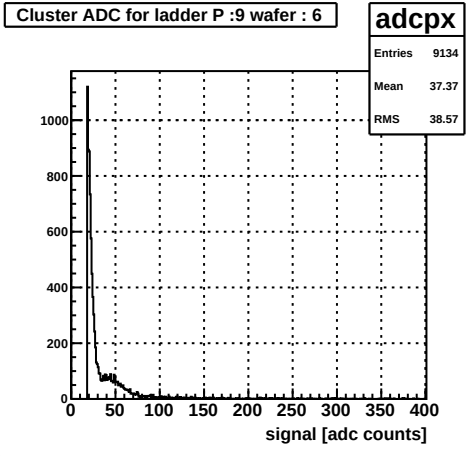

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7762
Mean 31.65
RMS 32.58
signal [adc counts]

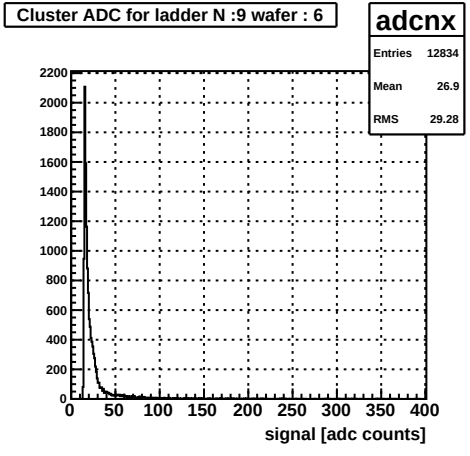

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 4910
Mean 32.23
RMS 34.91
signal [adc counts]

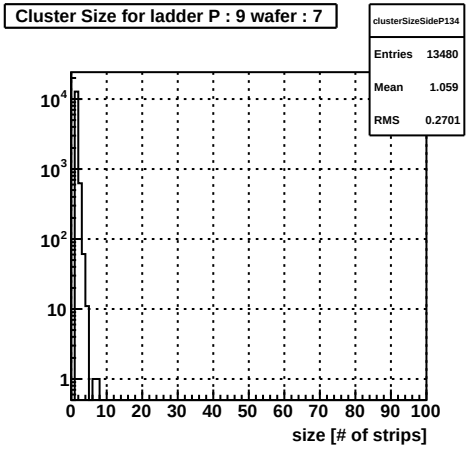

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9134
Mean 1.088
RMS 0.355
size [# of strips]

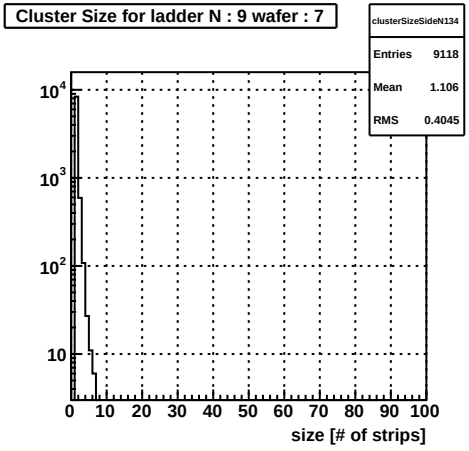

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12834
Mean 1.103
RMS 0.3965
size [# of strips]

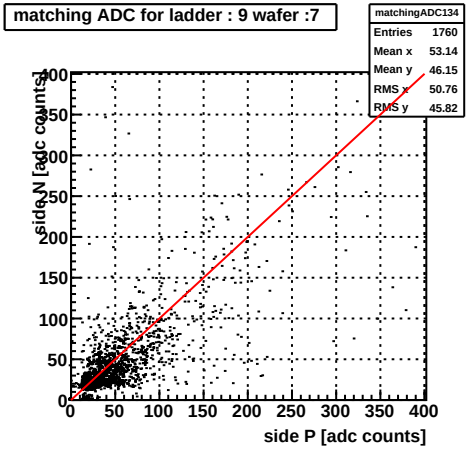

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1866
Mean x 63.19
Mean y 59.99
RMS x 61.55
RMS y 56.78
side N [adc counts]
side P [adc counts]

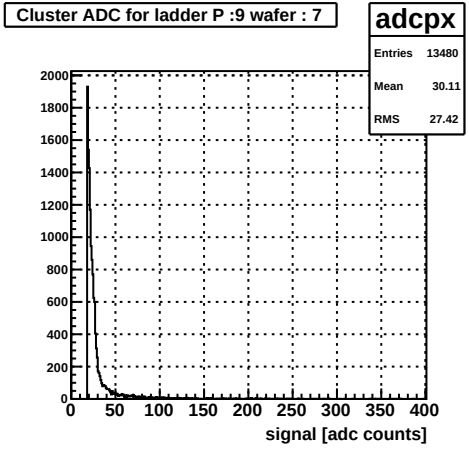

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9134
Mean 37.37
RMS 38.57
signal [adc counts]

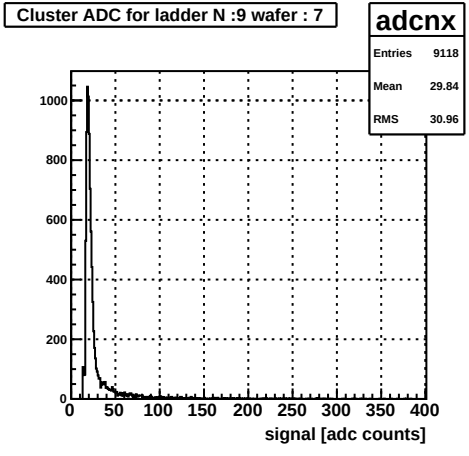

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12834
Mean 26.9
RMS 29.28
signal [adc counts]

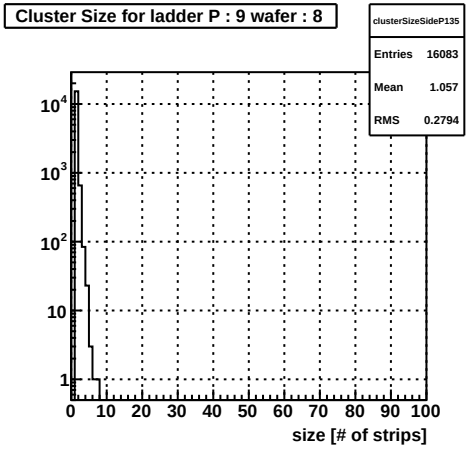

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13480
Mean 1.059
RMS 0.2701
size [# of strips]

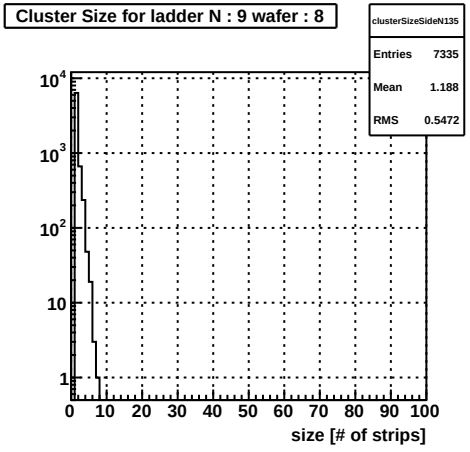

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9118
Mean 1.106
RMS 0.4045
size [# of strips]

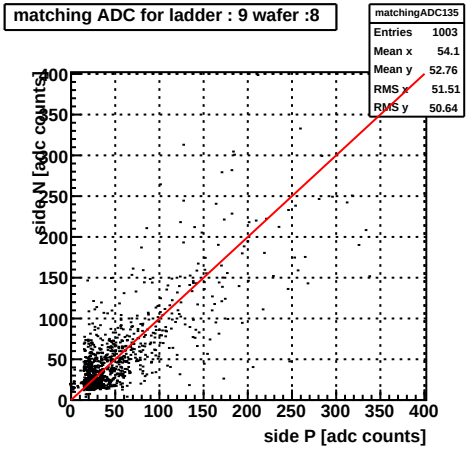

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1760
Mean x 53.14
Mean y 46.15
RMS x 50.76
RMS y 45.82
side N [adc counts]
side P [adc counts]

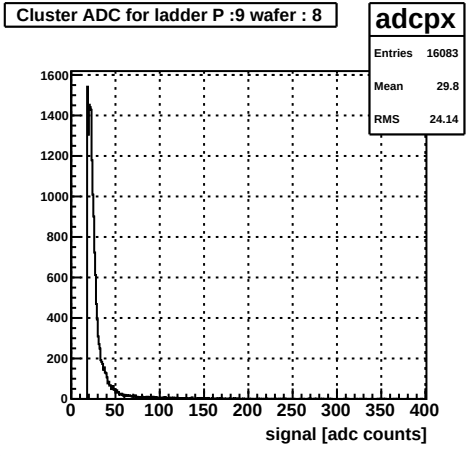

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13480
Mean 30.11
RMS 27.42
signal [adc counts]

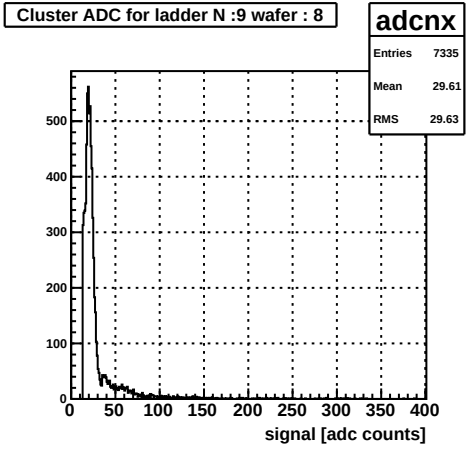

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9118
Mean 29.84
RMS 30.96
signal [adc counts]

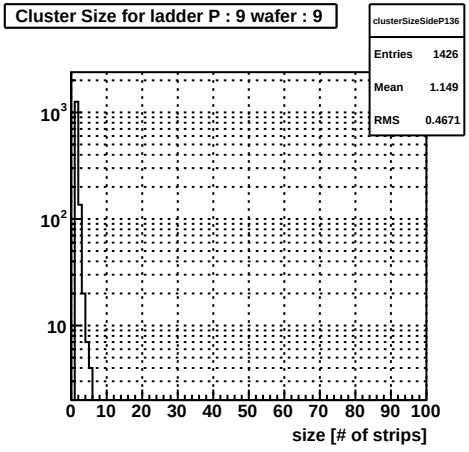

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 16083
Mean 1.057
RMS 0.2794
size [# of strips]

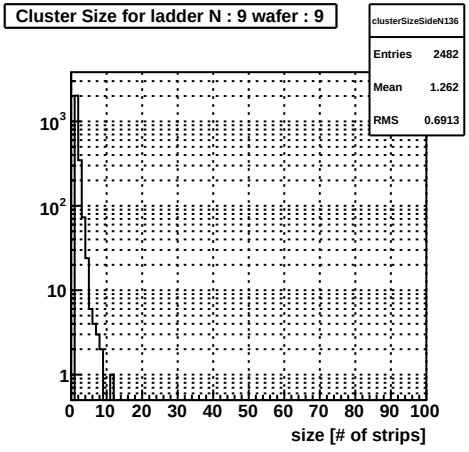

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7335
Mean 1.188
RMS 0.5472
size [# of strips]

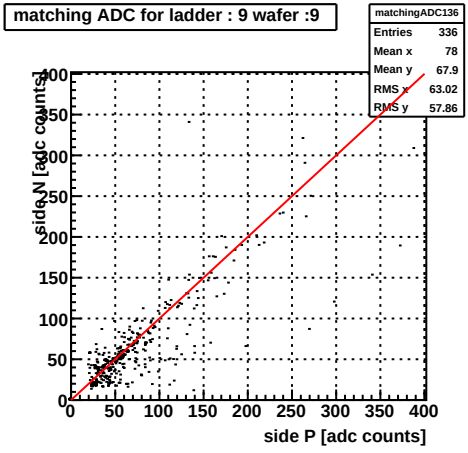

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1003
Mean x 54.1
Mean y 52.76
RMS x 51.51
RMS y 50.64
side N [adc counts]
side P [adc counts]

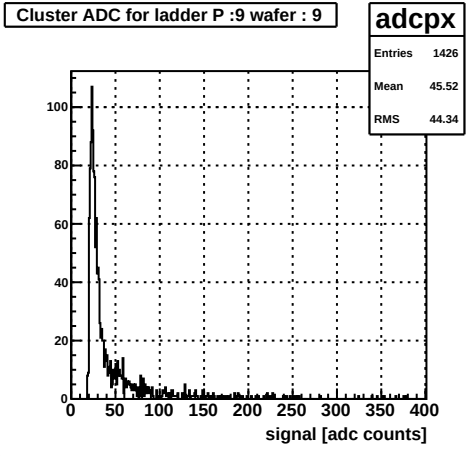

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 16083
Mean 29.8
RMS 24.14
signal [adc counts]

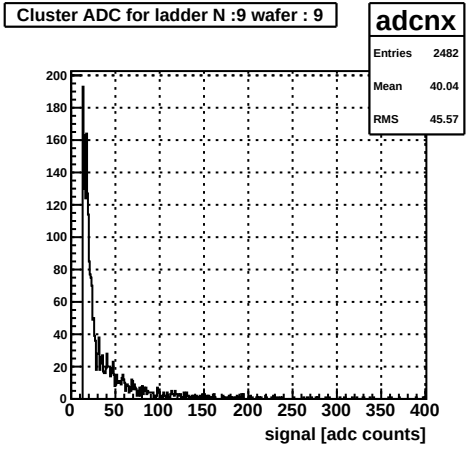

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7335
Mean 29.61
RMS 29.63
signal [adc counts]

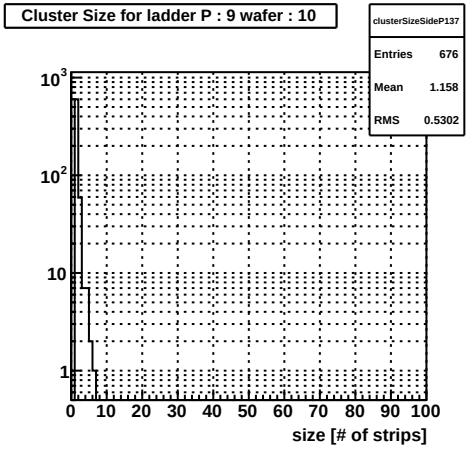

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1426
Mean 1.149
RMS 0.4671
size [# of strips]

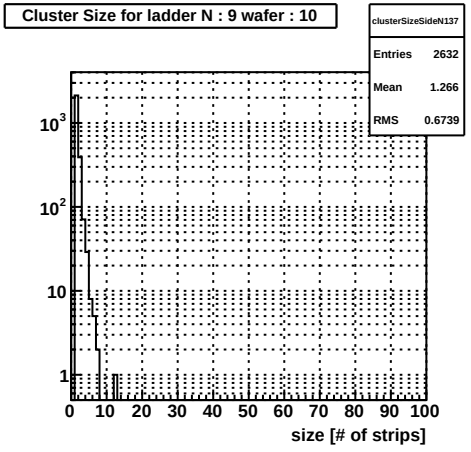

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2482
Mean 1.262
RMS 0.6913
size [# of strips]

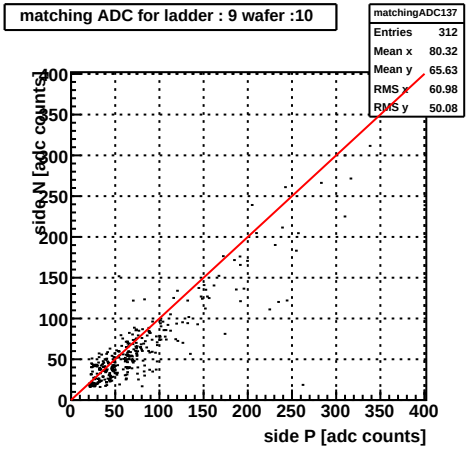

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 336
Mean x 78
Mean y 67.9
RMS x 63.02
RMS y 57.86
side N [adc counts]
side P [adc counts]

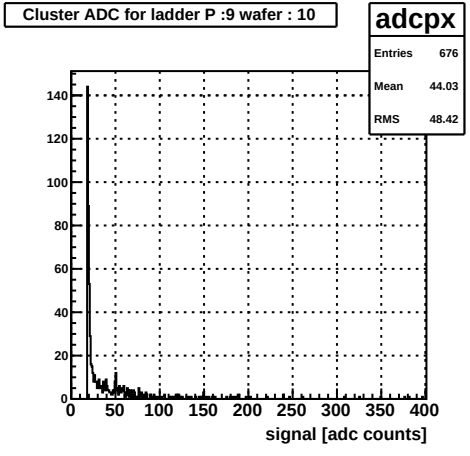

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1426
Mean 45.52
RMS 44.34
signal [adc counts]

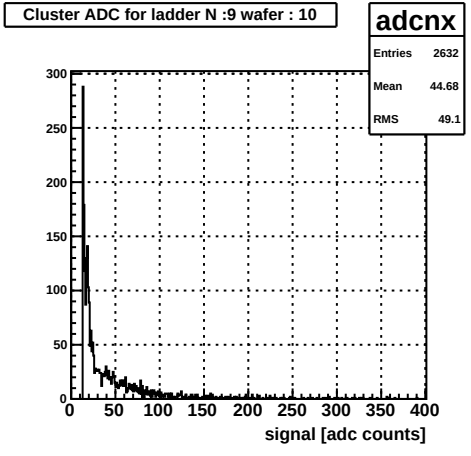

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2482
Mean 40.04
RMS 45.57
signal [adc counts]

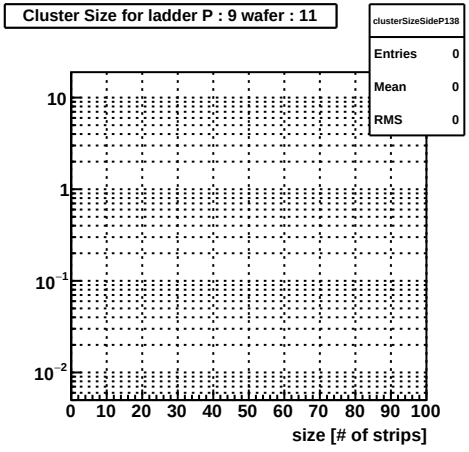

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 676
Mean 1.158
RMS 0.5302
size [# of strips]

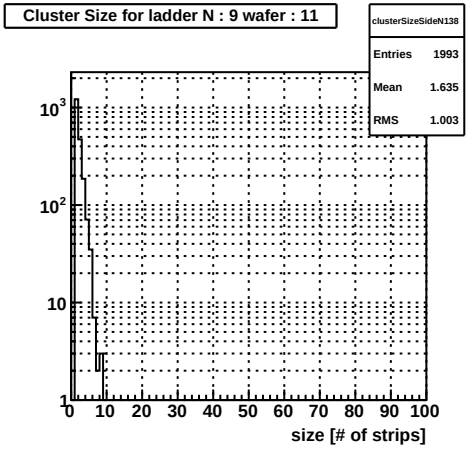

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2632
Mean 1.266
RMS 0.6739
size [# of strips]

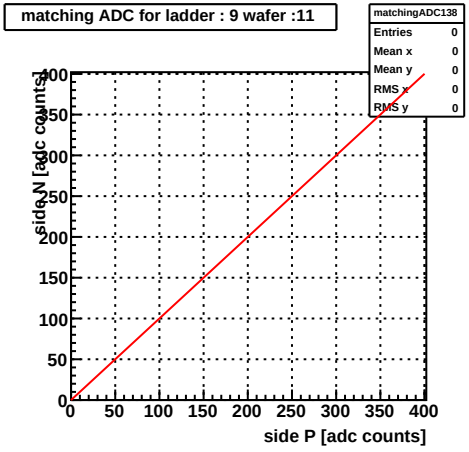

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 312
Mean x 80.32
Mean y 65.63
RMS x 60.98
RMS y 50.08
side N [adc counts]
side P [adc counts]

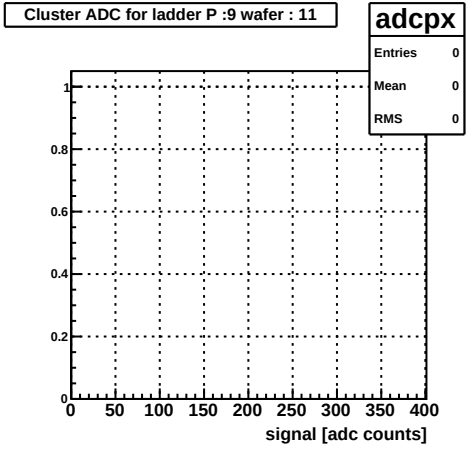

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 676
Mean 44.03
RMS 48.42
signal [adc counts]

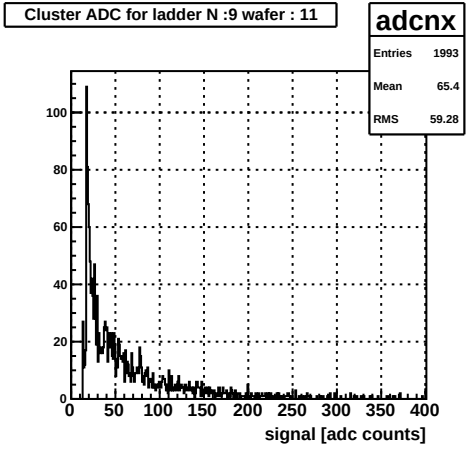

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2632
Mean 44.68
RMS 49.1
signal [adc counts]

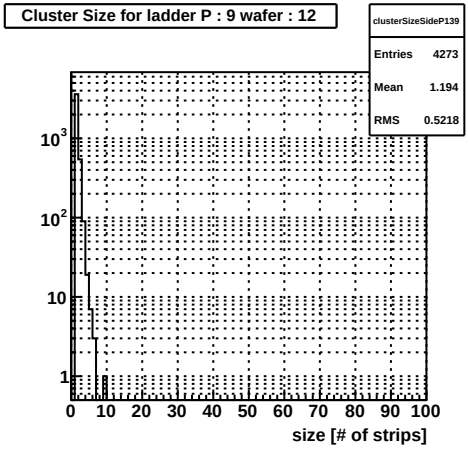

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

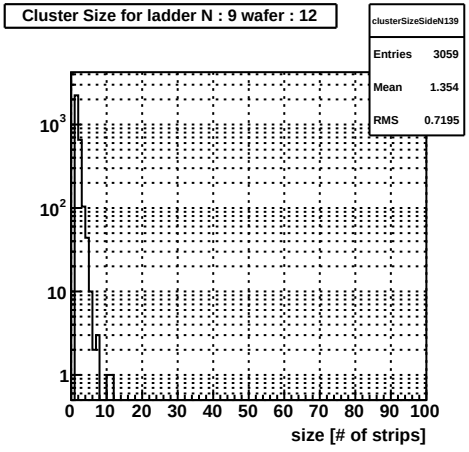

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1993
Mean 1.635
RMS 1.003
size [# of strips]

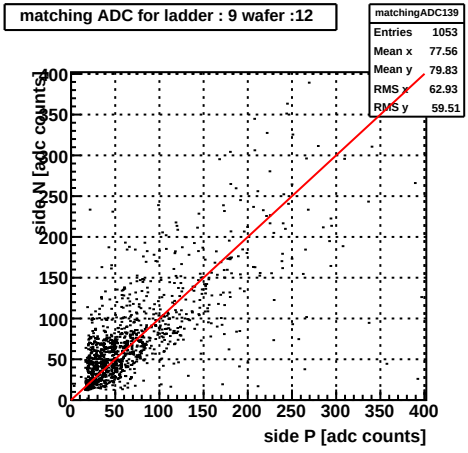

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

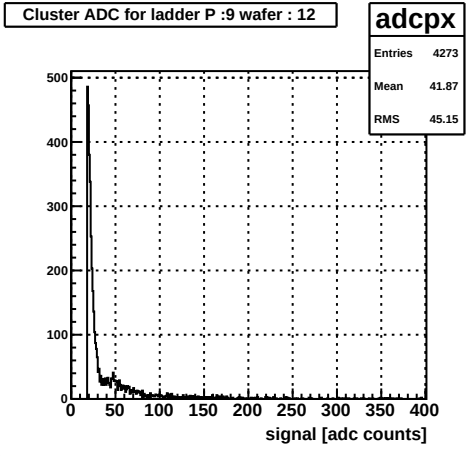

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

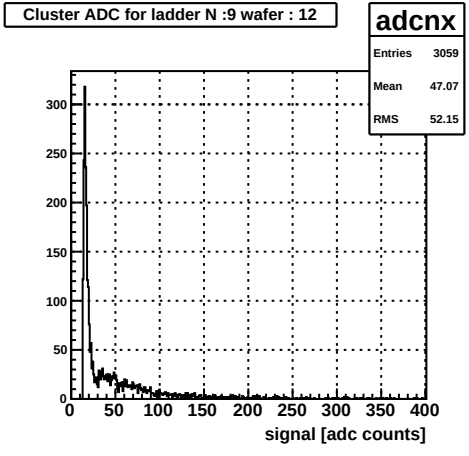

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1993
Mean 65.4
RMS 59.28
signal [adc counts]

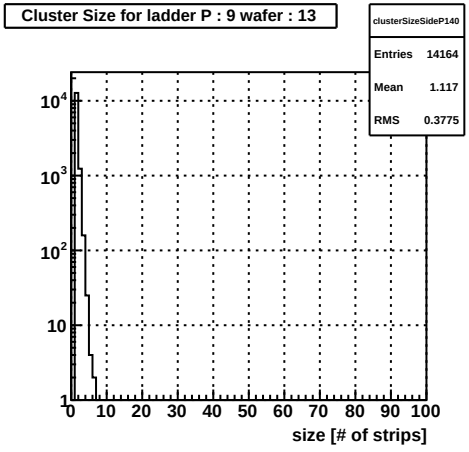

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4273
Mean 1.194
RMS 0.5218
size [# of strips]

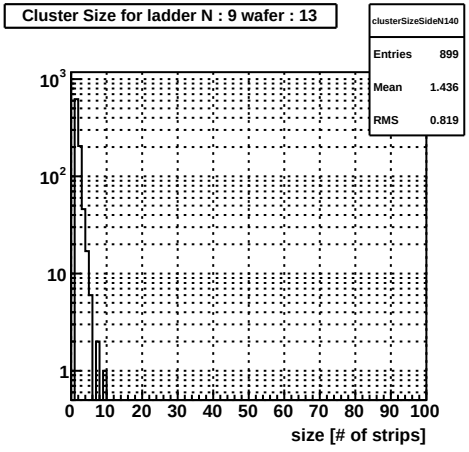

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3059
Mean 1.354
RMS 0.7195
size [# of strips]

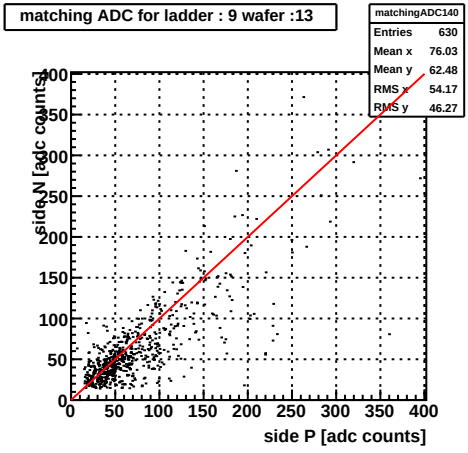

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1053
Mean x 77.56
Mean y 79.83
RMS x 62.93
RMS y 59.51
side N [adc counts]
side P [adc counts]

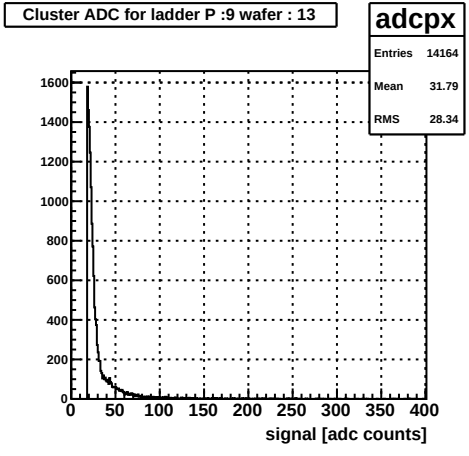

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4273
Mean 41.87
RMS 45.15
signal [adc counts]

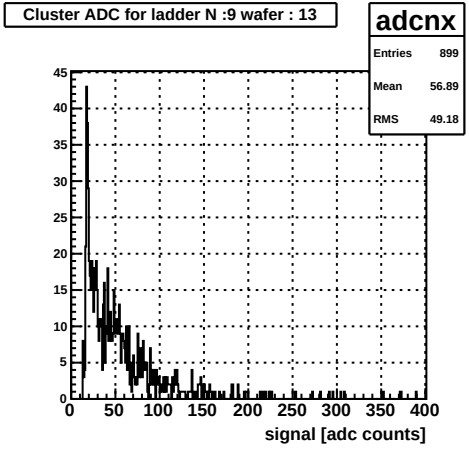

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3059
Mean 47.07
RMS 52.15
signal [adc counts]

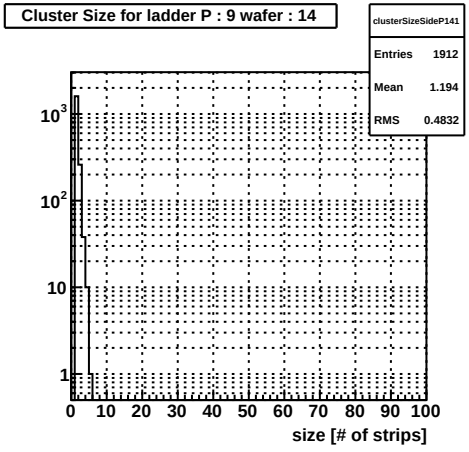

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14164
Mean 1.117
RMS 0.3775
size [# of strips]

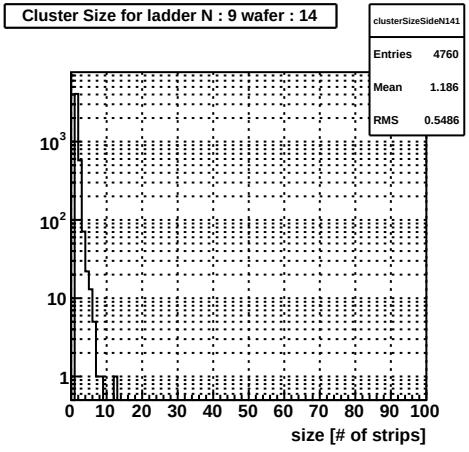

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 899
Mean 1.436
RMS 0.819
size [# of strips]

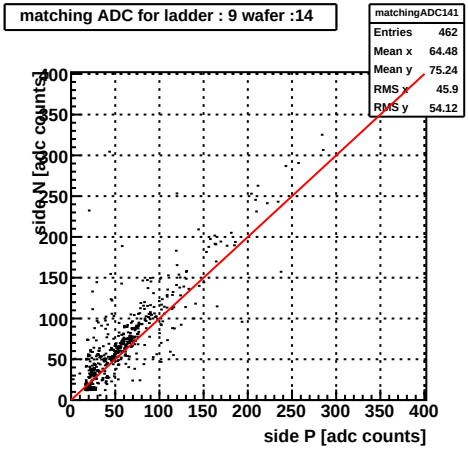

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 630
Mean x 76.03
Mean y 62.48
RMS x 54.17
RMS y 46.27
side N [adc counts]
side P [adc counts]

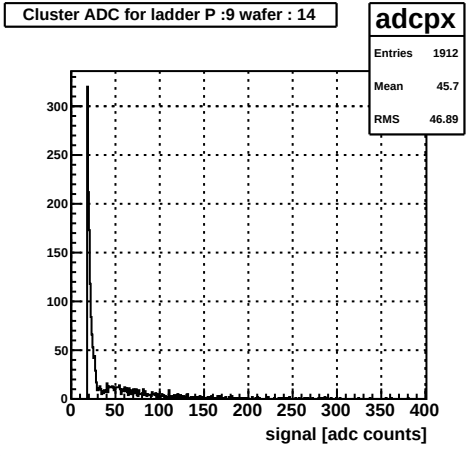

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14164
Mean 31.79
RMS 28.34
signal [adc counts]

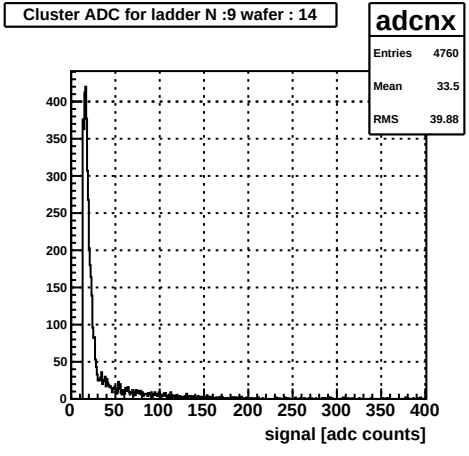

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 899
Mean 56.89
RMS 49.18
signal [adc counts]

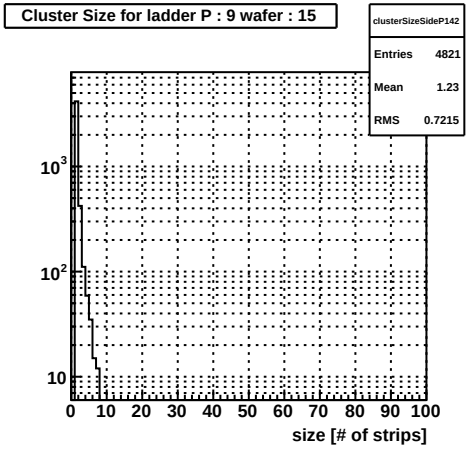

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1912
Mean 1.194
RMS 0.4832
size [# of strips]

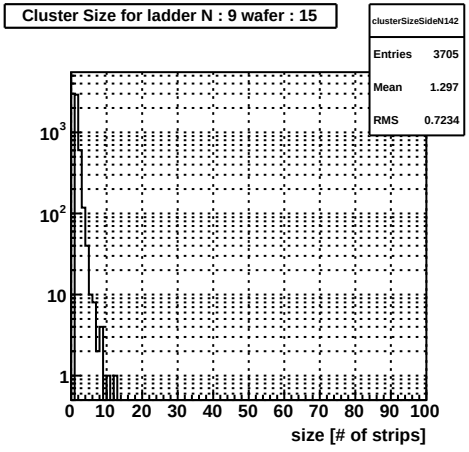

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4760
Mean 1.186
RMS 0.5486
size [# of strips]

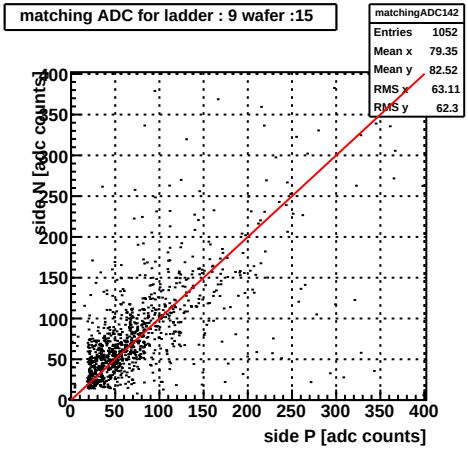

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 462
Mean x 64.48
Mean y 75.24
RMS x 45.9
RMS y 54.12
side N [adc counts]
side P [adc counts]

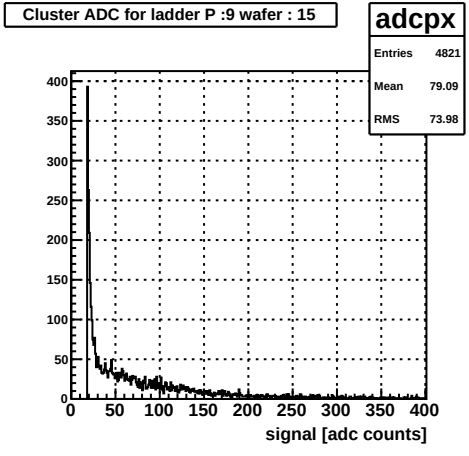

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1912
Mean 45.7
RMS 46.89
signal [adc counts]

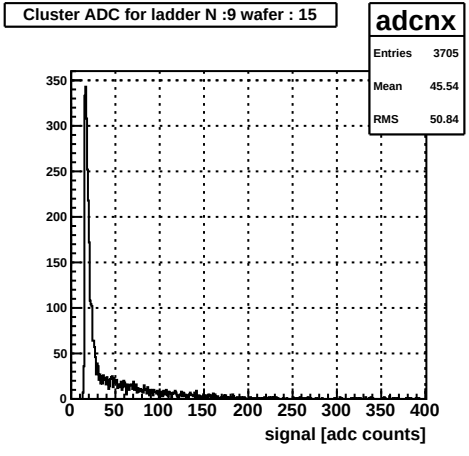

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4760
Mean 33.5
RMS 39.88
signal [adc counts]

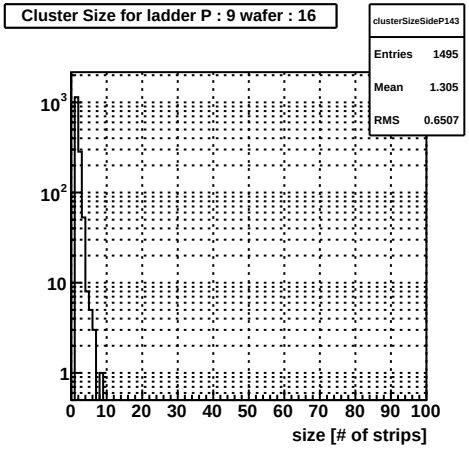

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4821
Mean 1.23
RMS 0.7215
size [# of strips]

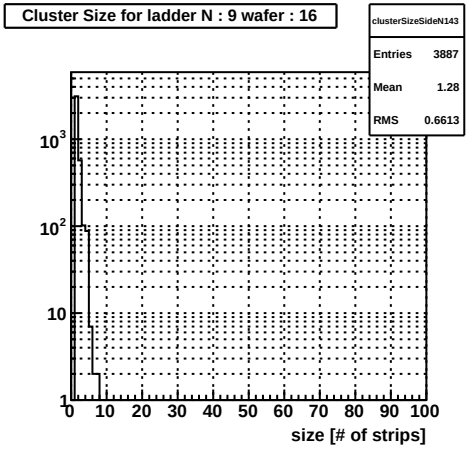

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3705
Mean 1.297
RMS 0.7234
size [# of strips]

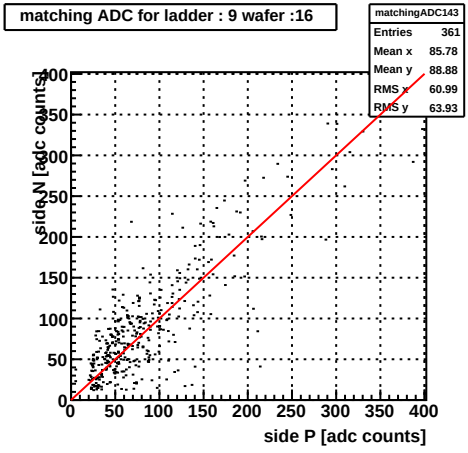

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1052
Mean x 79.35
Mean y 82.52
RMS x 63.11
RMS y 62.3
side N [adc counts]
side P [adc counts]

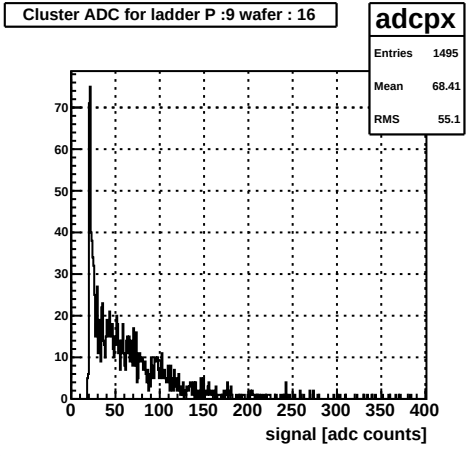

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4821
Mean 79.09
RMS 73.98
signal [adc counts]

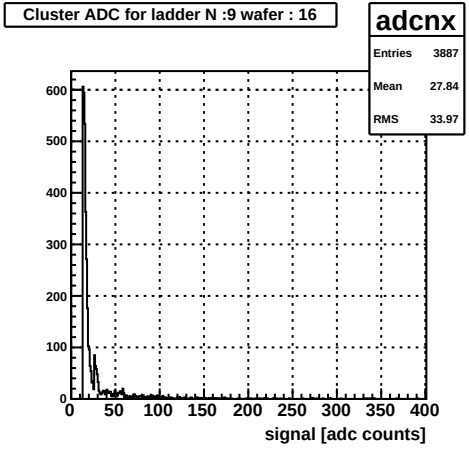

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3705
Mean 45.54
RMS 50.84
signal [adc counts]

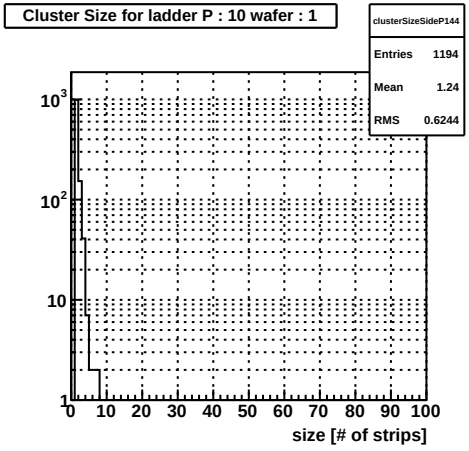

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1495
Mean 1.305
RMS 0.6507
size [# of strips]

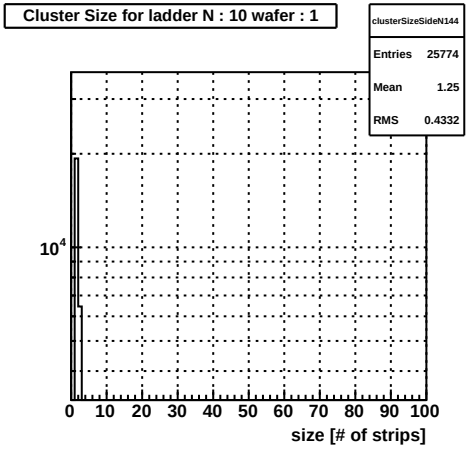

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3887
Mean 1.28
RMS 0.6613
size [# of strips]

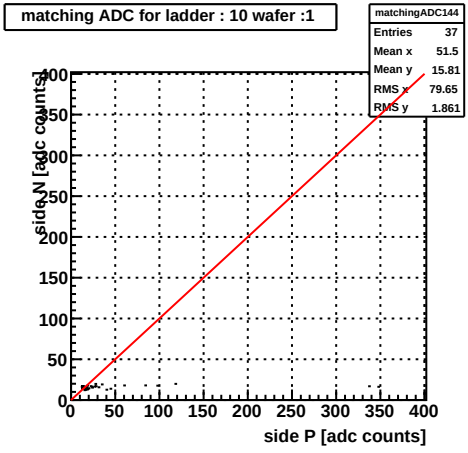

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 361
Mean x 85.78
Mean y 88.88
RMS x 60.99
RMS y 63.93
side N [adc counts]
side P [adc counts]

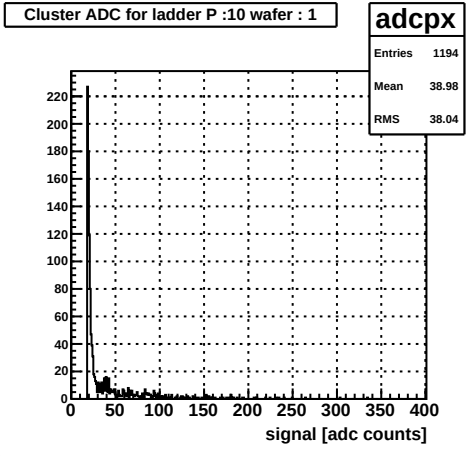

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1495
Mean 68.41
RMS 55.1
signal [adc counts]

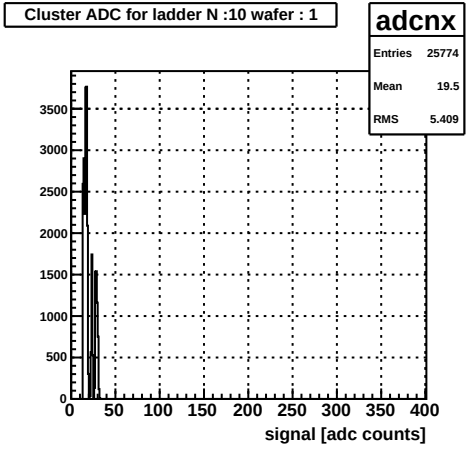

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3887
Mean 27.84
RMS 33.97
signal [adc counts]

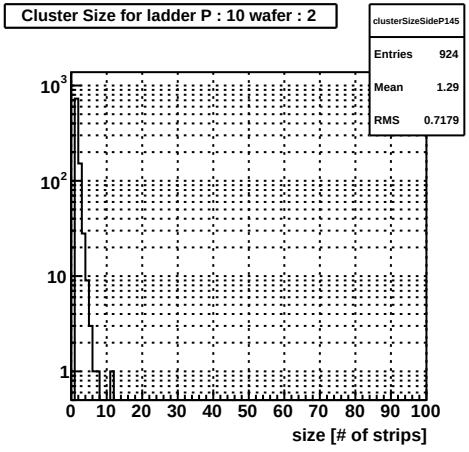

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1194
Mean 1.24
RMS 0.6244
size [# of strips]

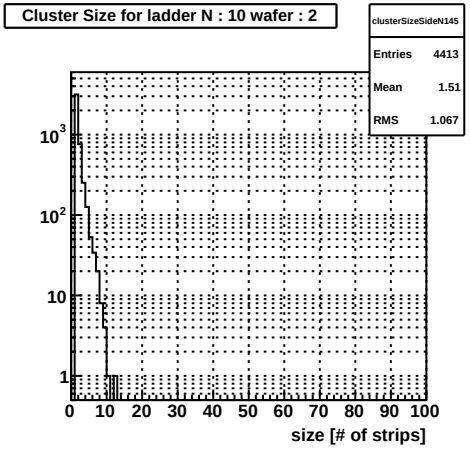

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 25774
Mean 1.25
RMS 0.4332
size [# of strips]

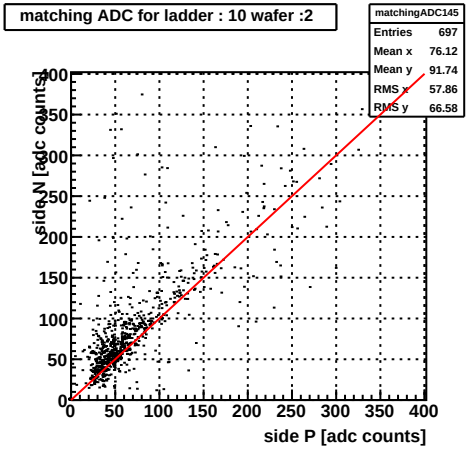

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 37
Mean x 51.5
Mean y 15.81
RMS x 79.65
RMS y 1.861
side N [adc counts]
side P [adc counts]

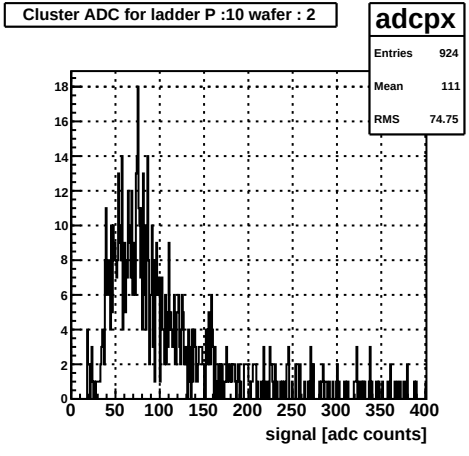

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1194
Mean 38.98
RMS 38.04
signal [adc counts]

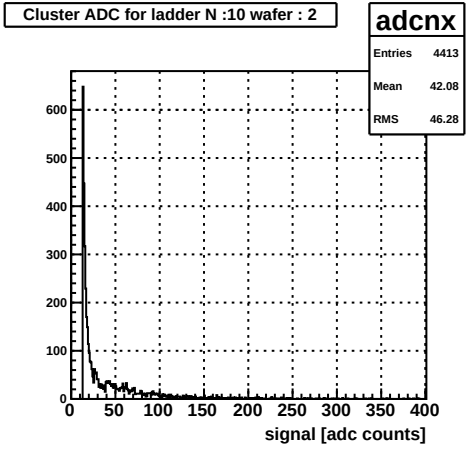

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 25774
Mean 19.5
RMS 5.409
signal [adc counts]

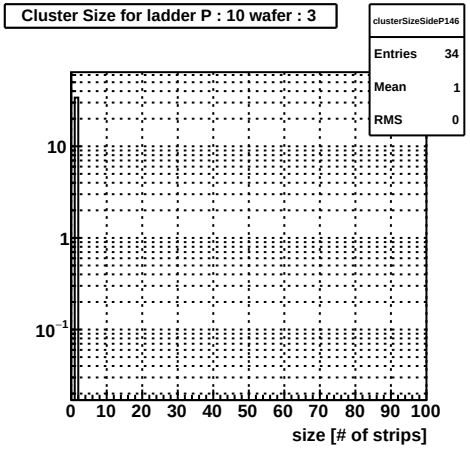

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 924
Mean 1.29
RMS 0.7179
size [# of strips]

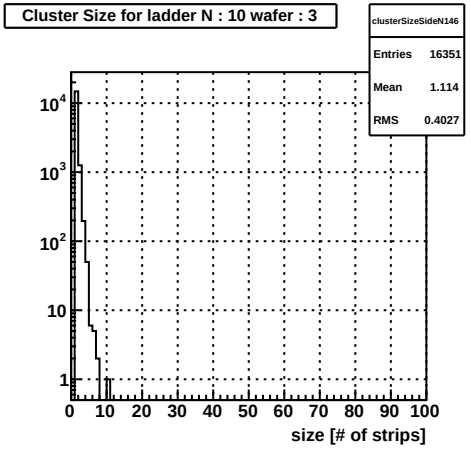

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4413
Mean 1.51
RMS 1.067
size [# of strips]

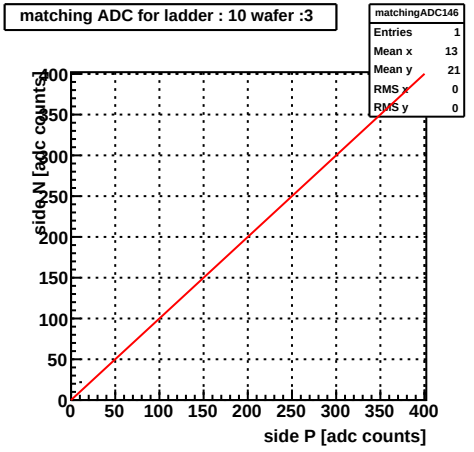

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 697
Mean x 76.12
Mean y 91.74
RMS x 57.86
RMS y 66.58
side N [adc counts]
side P [adc counts]

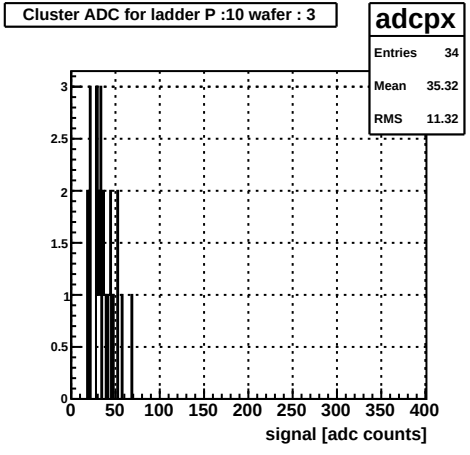

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 924
Mean 111
RMS 74.75
signal [adc counts]

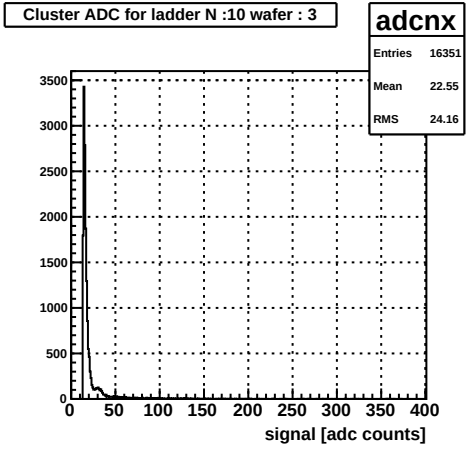

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4413
Mean 42.08
RMS 46.28
signal [adc counts]

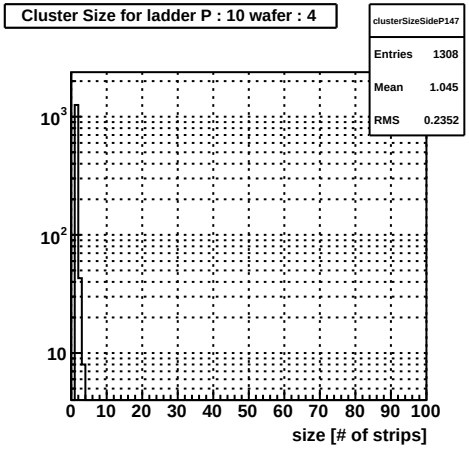

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 34
Mean 1
RMS 0
size [# of strips]

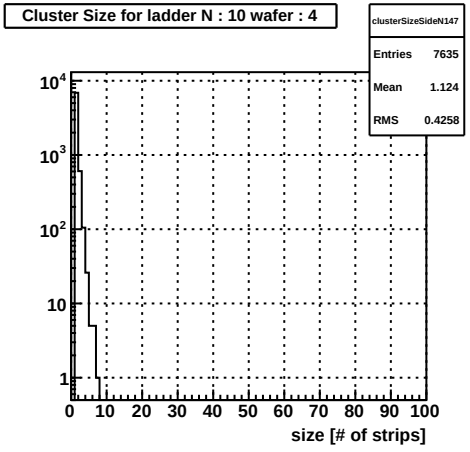

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 16351
Mean 1.114
RMS 0.4027
size [# of strips]

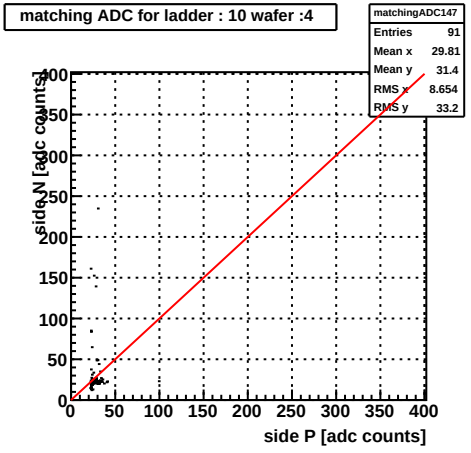

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 13
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

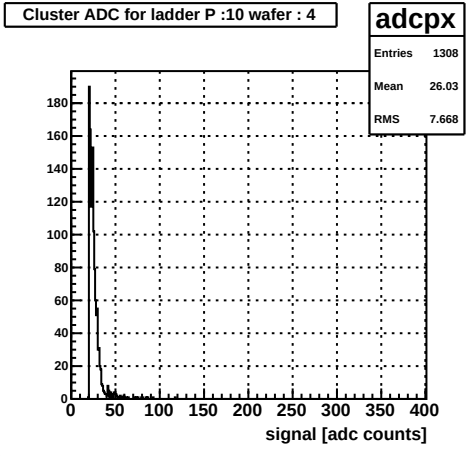

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 34
Mean 35.32
RMS 11.32
signal [adc counts]

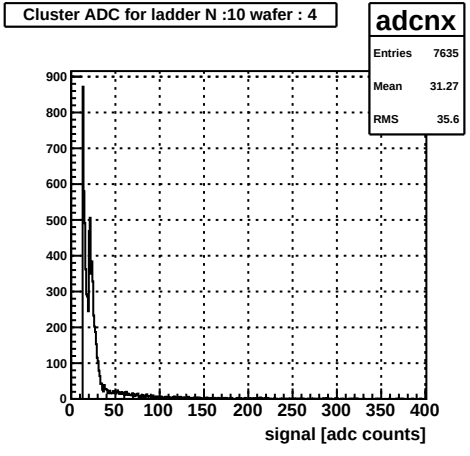

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 16351
Mean 22.55
RMS 24.16
signal [adc counts]

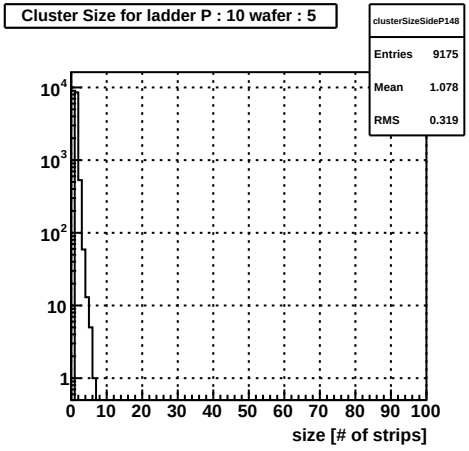

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 1308
Mean 1.045
RMS 0.2352
size [# of strips]

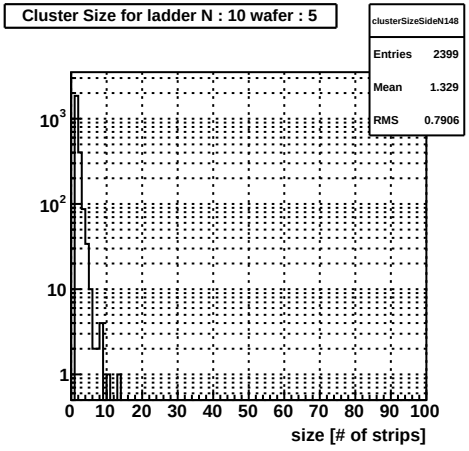

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 7635
Mean 1.124
RMS 0.4258
size [# of strips]

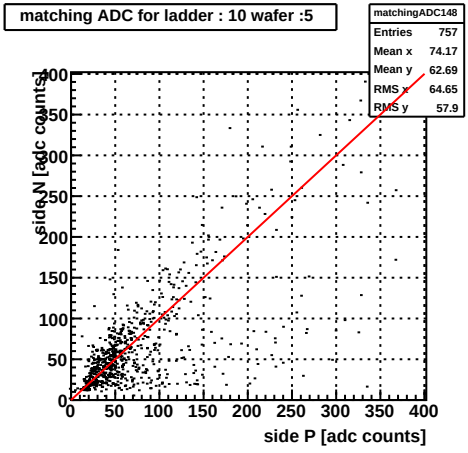

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 91
Mean x 29.81
Mean y 31.4
RMS x 8.654
RMS y 33.2
side N [adc counts]
side P [adc counts]

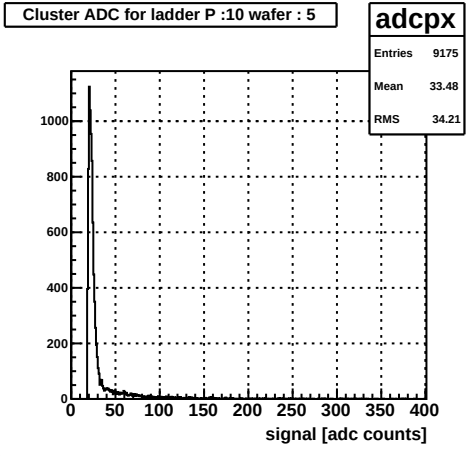

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 1308
Mean 26.03
RMS 7.668
signal [adc counts]

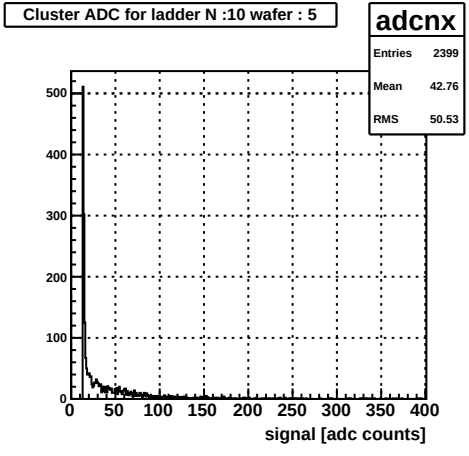

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 7635
Mean 31.27
RMS 35.6
signal [adc counts]

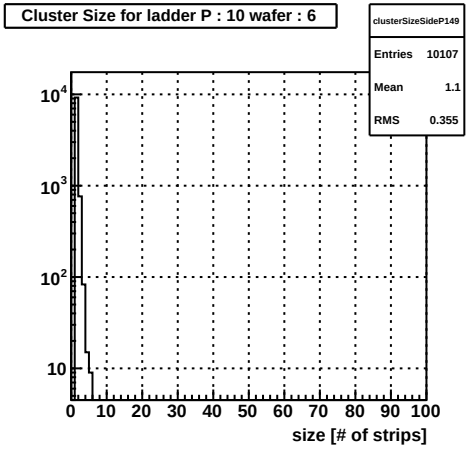

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 9175
Mean 1.078
RMS 0.319
size [# of strips]

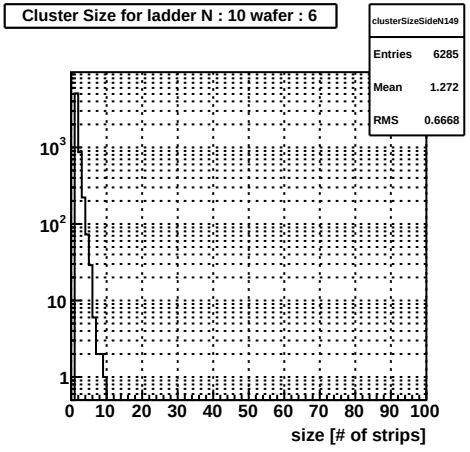

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2399
Mean 1.329
RMS 0.7906
size [# of strips]

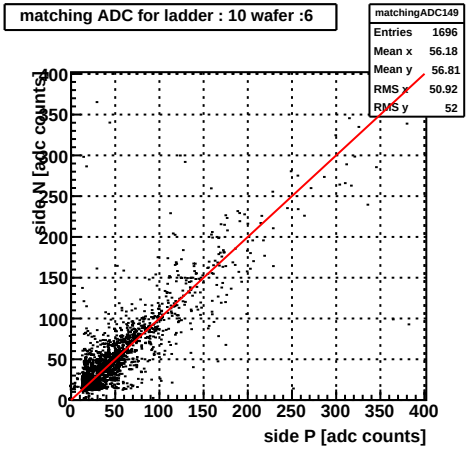

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 757
Mean x 74.17
Mean y 62.69
RMS x 64.65
RMS y 57.9
side N [adc counts]
side P [adc counts]

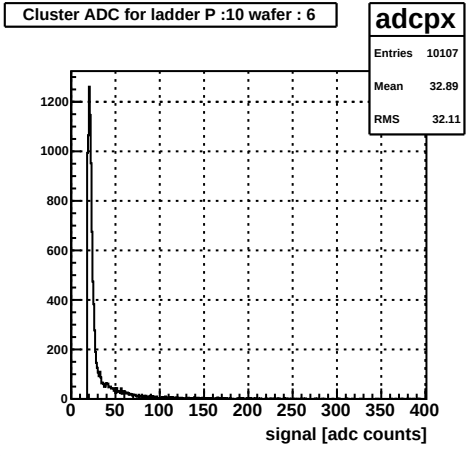

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 9175
Mean 33.48
RMS 34.21
signal [adc counts]

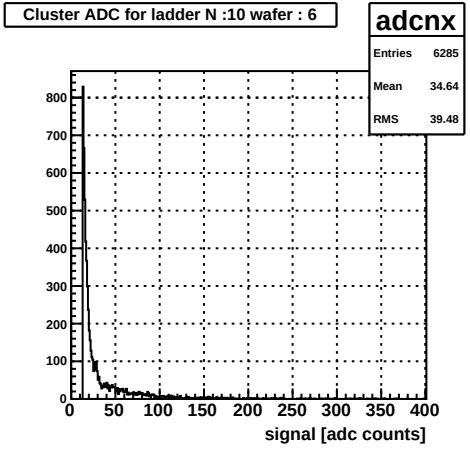

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2399
Mean 42.76
RMS 50.53
signal [adc counts]

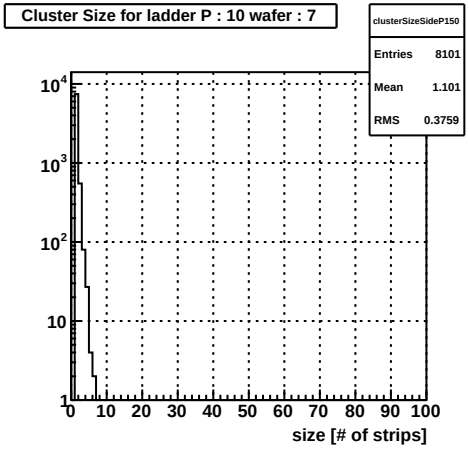

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10107
Mean 1.1
RMS 0.355
size [# of strips]

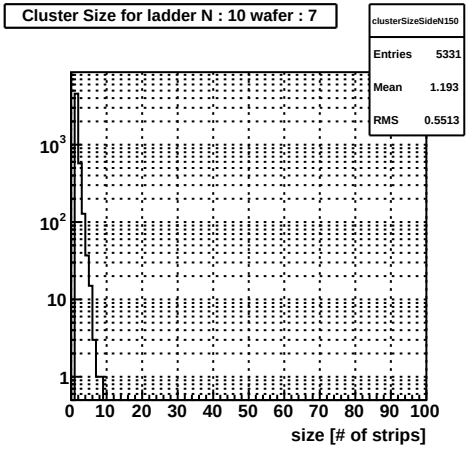

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6285
Mean 1.272
RMS 0.6668
size [# of strips]

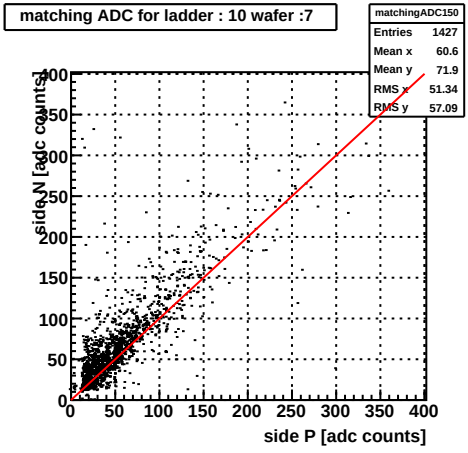

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1696
Mean x 56.18
Mean y 56.81
RMS x 50.92
RMS y 52
side N [adc counts]
side P [adc counts]

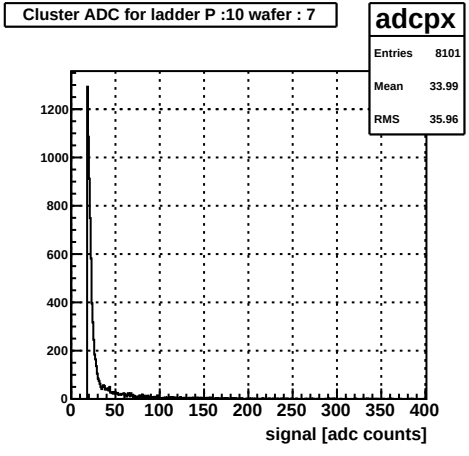

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10107
Mean 32.89
RMS 32.11
signal [adc counts]

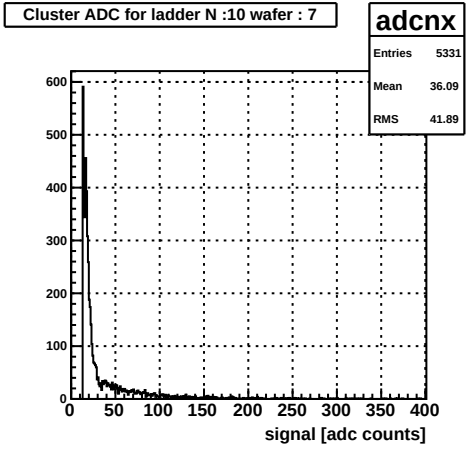

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6285
Mean 34.64
RMS 39.48
signal [adc counts]

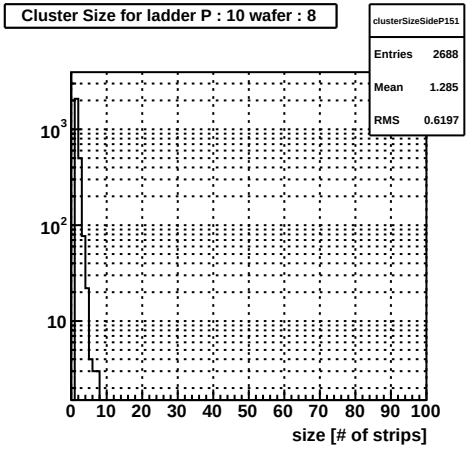

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 8101
Mean 1.101
RMS 0.3759
size [# of strips]

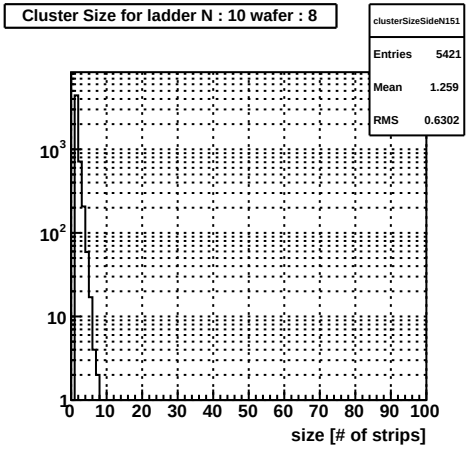

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5331
Mean 1.193
RMS 0.5513
size [# of strips]

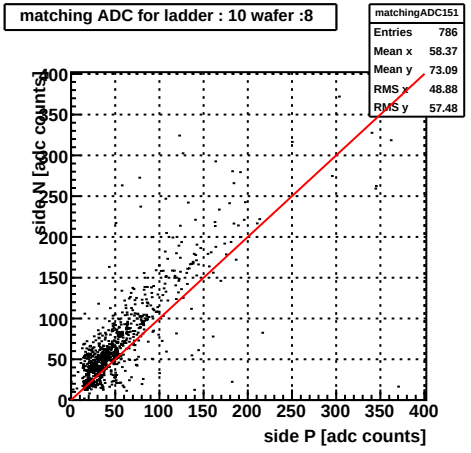

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1427
Mean x 60.6
Mean y 71.9
RMS x 51.34
RMS y 57.09
side N [adc counts]
side P [adc counts]

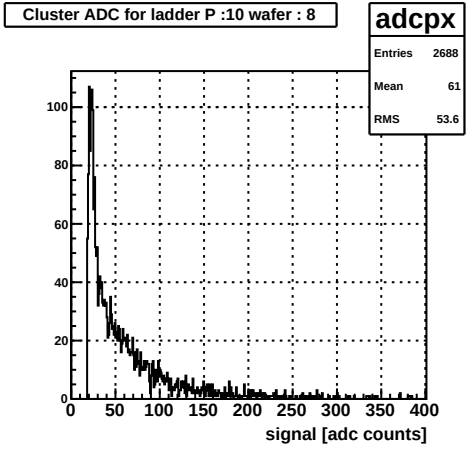

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 8101
Mean 33.99
RMS 35.96
signal [adc counts]

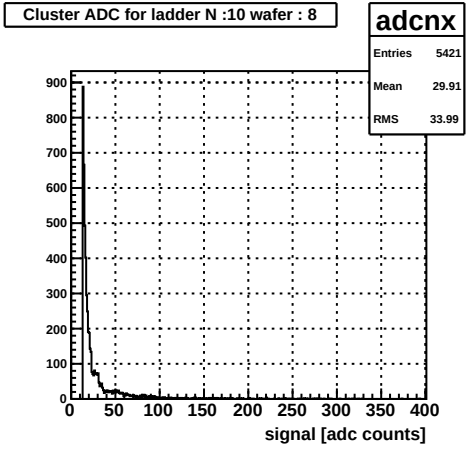

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5331
Mean 36.09
RMS 41.89
signal [adc counts]

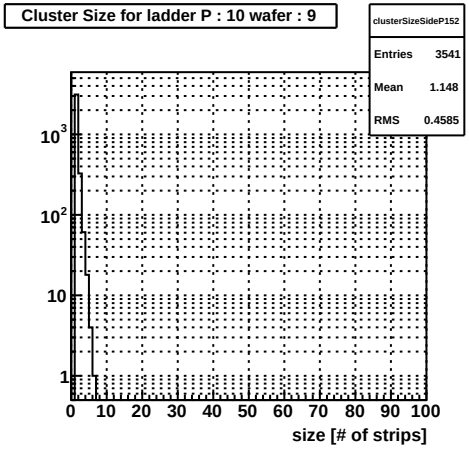

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2688
Mean 1.285
RMS 0.6197
size [# of strips]

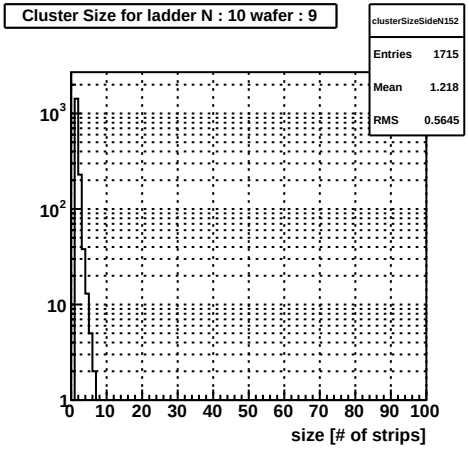

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5421
Mean 1.259
RMS 0.6302
size [# of strips]

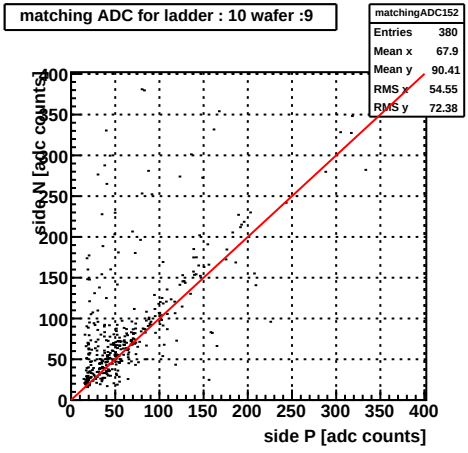

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 786
Mean x 58.37
Mean y 73.09
RMS x 48.88
RMS y 57.48
side N [adc counts]
side P [adc counts]

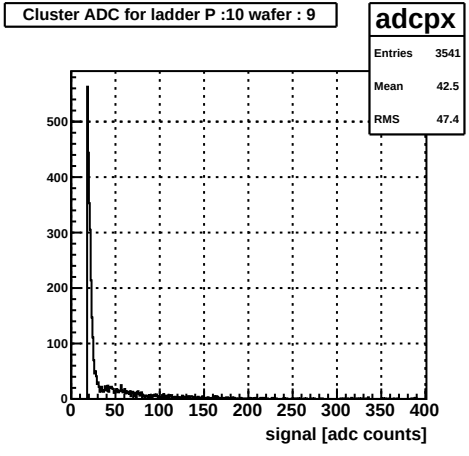

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2688
Mean 61
RMS 53.6
signal [adc counts]

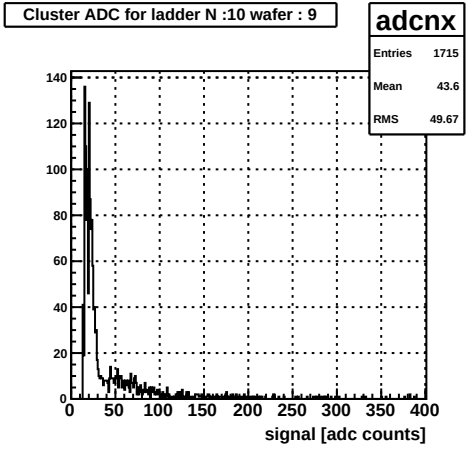

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5421
Mean 29.91
RMS 33.99
signal [adc counts]

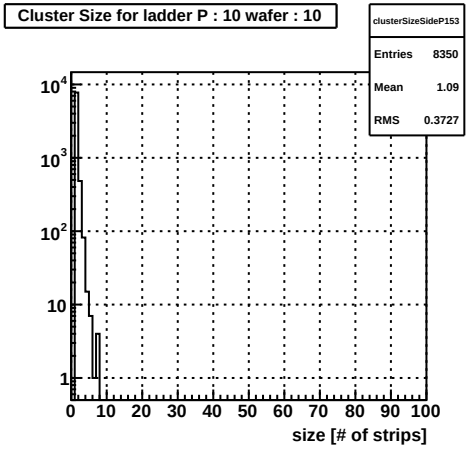

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3541
Mean 1.148
RMS 0.4585
size [# of strips]

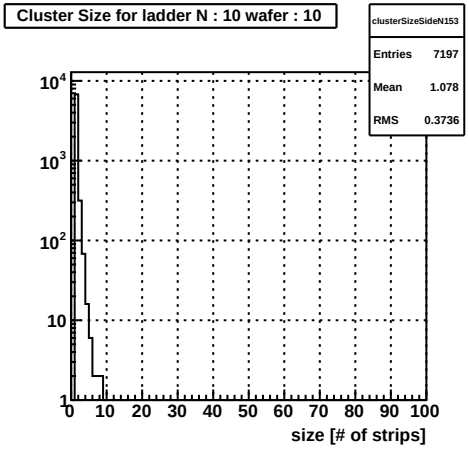

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1715
Mean 1.218
RMS 0.5645
size [# of strips]

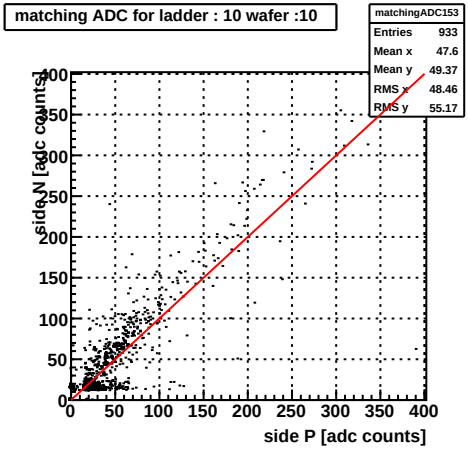

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 380
Mean x 67.9
Mean y 90.41
RMS x 54.55
RMS y 72.38
side N [adc counts]
side P [adc counts]

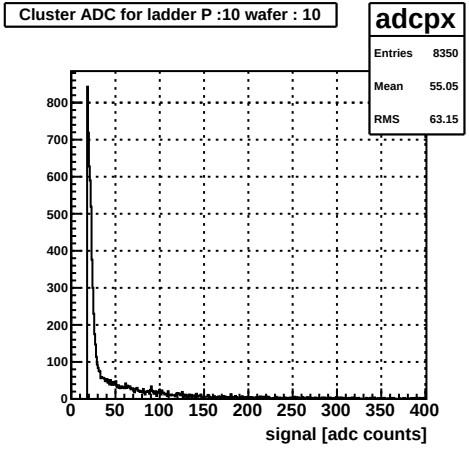

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3541
Mean 42.5
RMS 47.4
signal [adc counts]

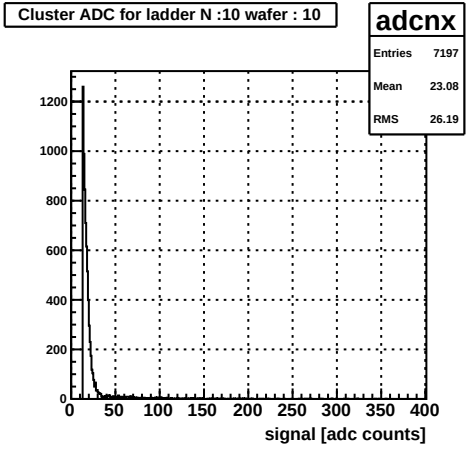

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1715
Mean 43.6
RMS 49.67
signal [adc counts]

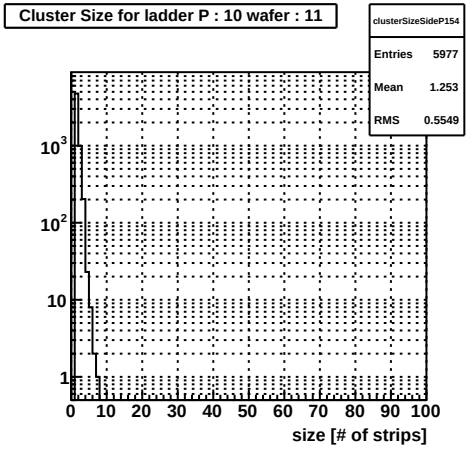

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8350
Mean 1.09
RMS 0.3727
size [# of strips]

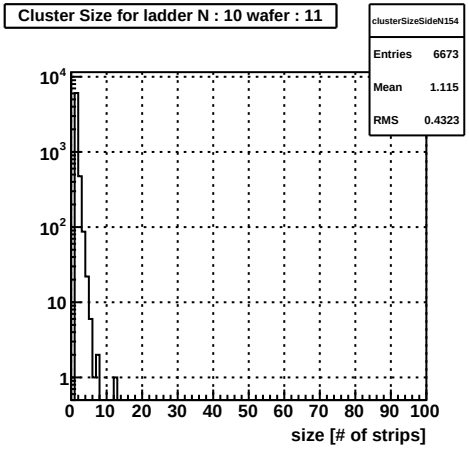

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 7197
Mean 1.078
RMS 0.3736
size [# of strips]

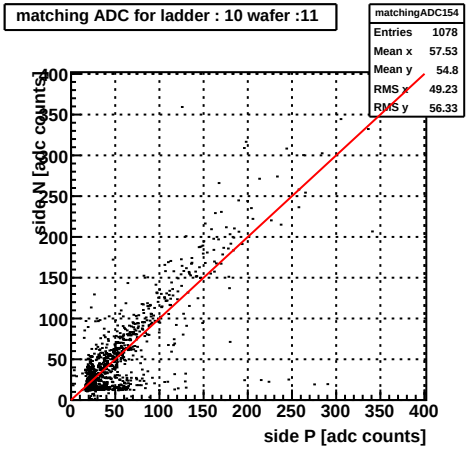

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 933
Mean x 47.6
Mean y 49.37
RMS x 48.46
RMS y 55.17
side N [adc counts]
side P [adc counts]

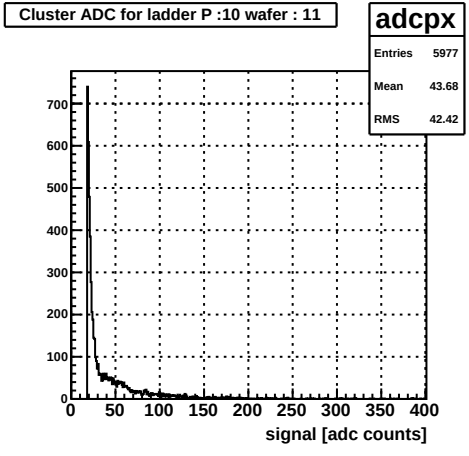

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8350
Mean 55.05
RMS 63.15
signal [adc counts]

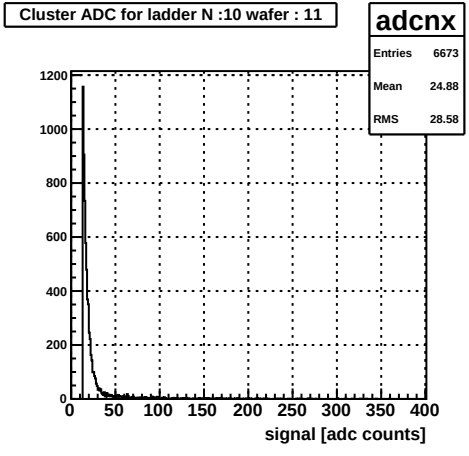

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 7197
Mean 23.08
RMS 26.19
signal [adc counts]

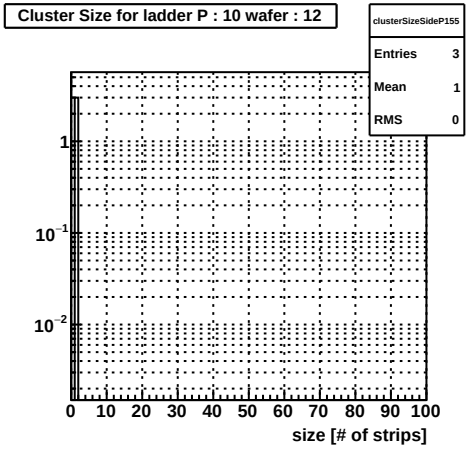

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5977
Mean 1.253
RMS 0.5549
size [# of strips]

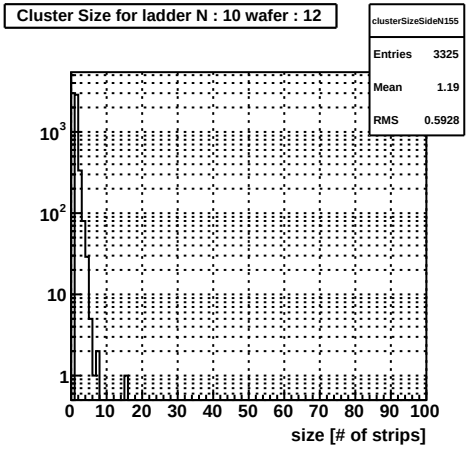

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6673
Mean 1.115
RMS 0.4323
size [# of strips]

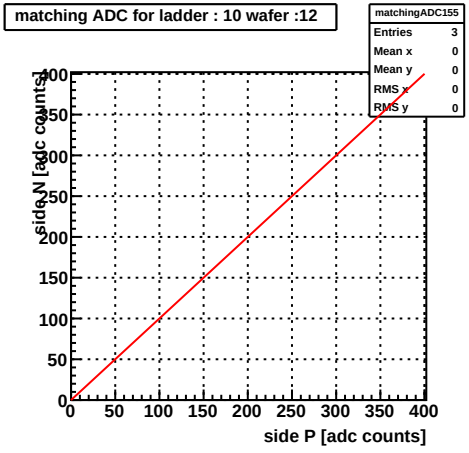

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1078
Mean x 57.53
Mean y 54.8
RMS x 49.23
RMS y 56.33
side N [adc counts]
side P [adc counts]

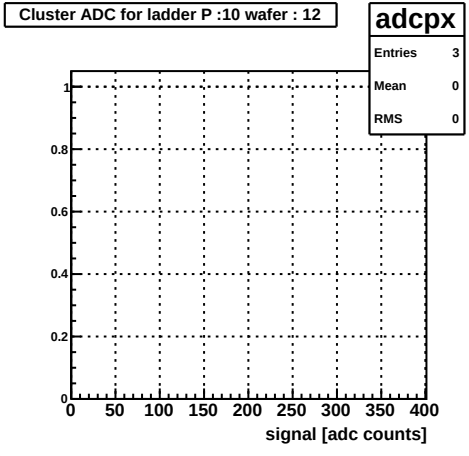

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5977
Mean 43.68
RMS 42.42
signal [adc counts]

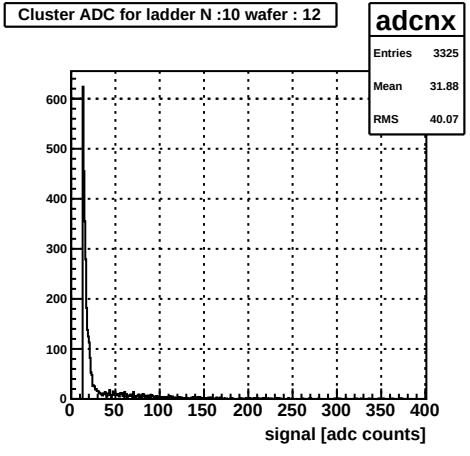

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6673
Mean 24.88
RMS 28.58
signal [adc counts]

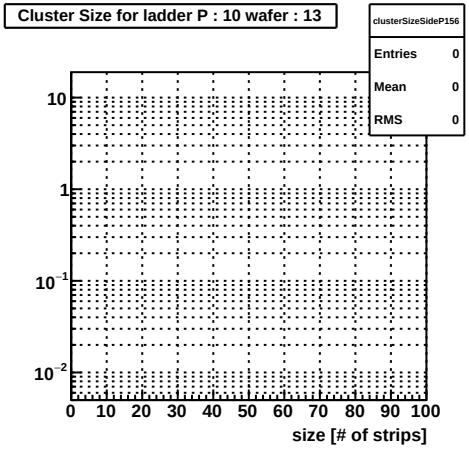

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1
RMS 0
size [# of strips]

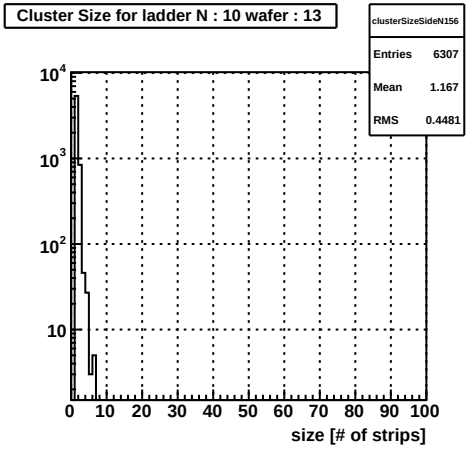

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3325
Mean 1.19
RMS 0.5928
size [# of strips]

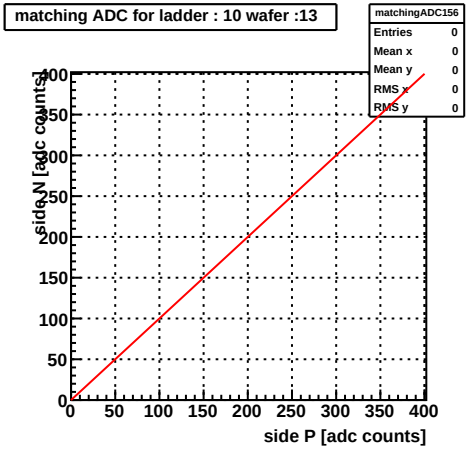

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

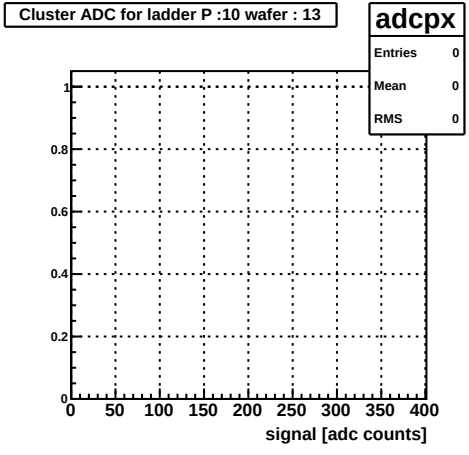

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

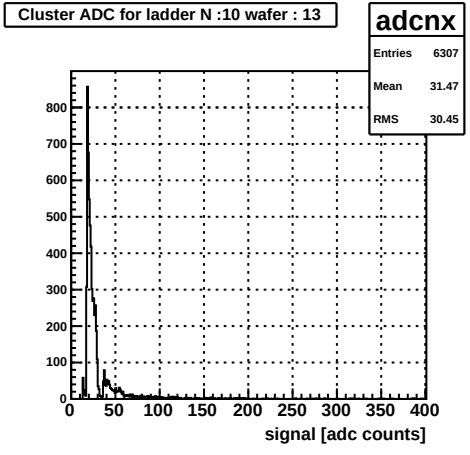

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3325
Mean 31.88
RMS 40.07
signal [adc counts]

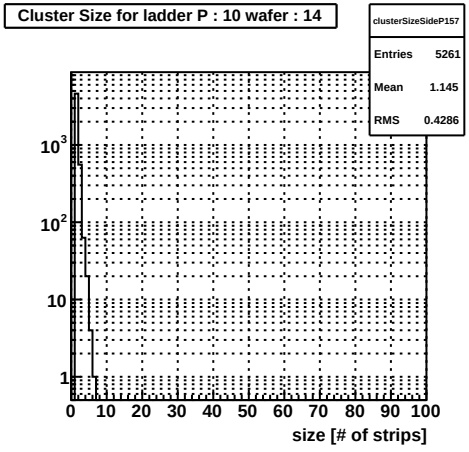

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

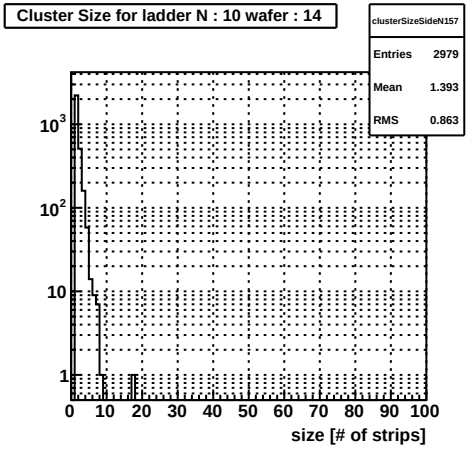

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6307
Mean 1.167
RMS 0.4481
size [# of strips]

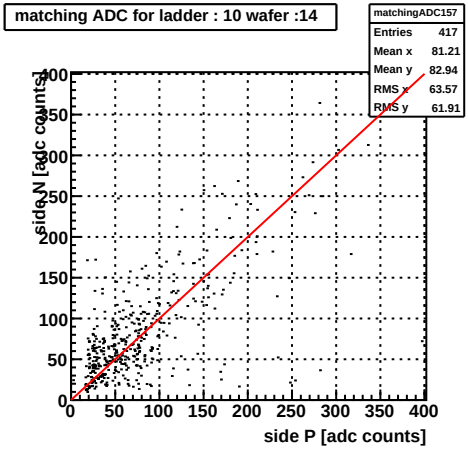

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

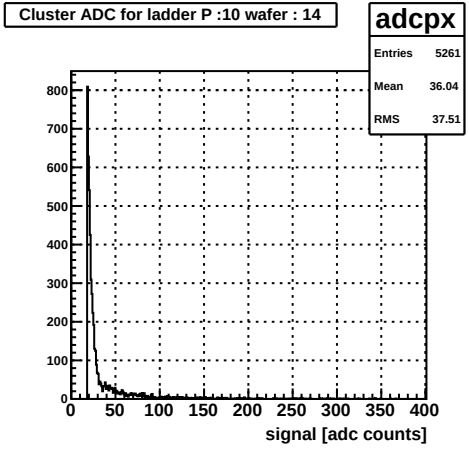

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

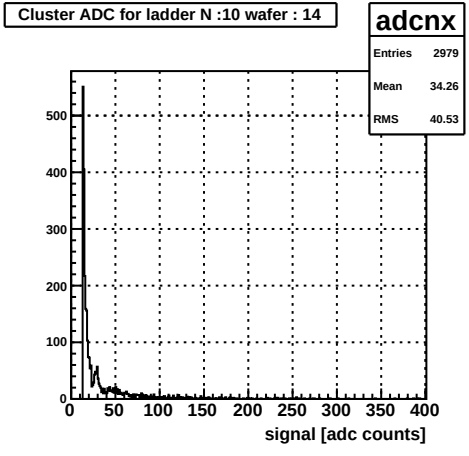

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6307
Mean 31.47
RMS 30.45
signal [adc counts]

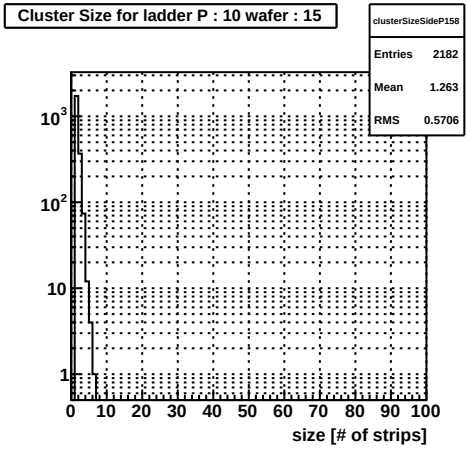

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 5261
Mean 1.145
RMS 0.4286
size [# of strips]

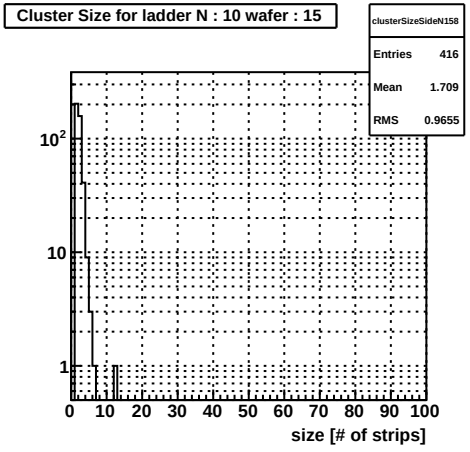

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2979
Mean 1.393
RMS 0.863
size [# of strips]

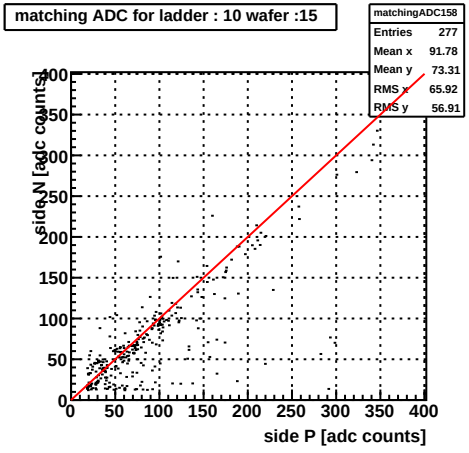

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 417
Mean x 81.21
Mean y 82.94
RMS x 63.57
RMS y 61.91
side N [adc counts]
side P [adc counts]

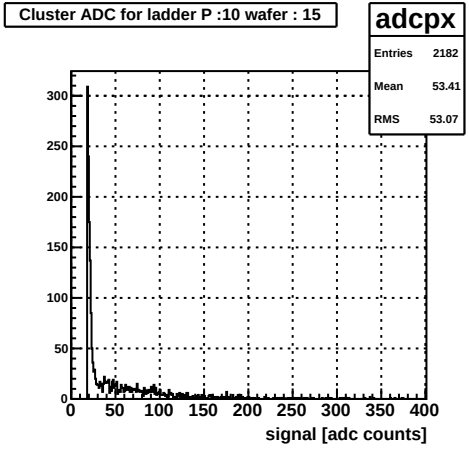

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 5261
Mean 36.04
RMS 37.51
signal [adc counts]

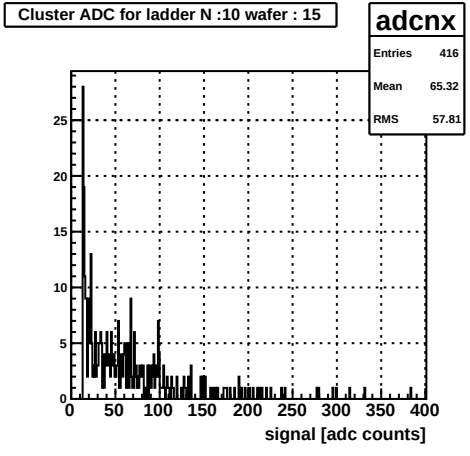

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2979
Mean 34.26
RMS 40.53
signal [adc counts]

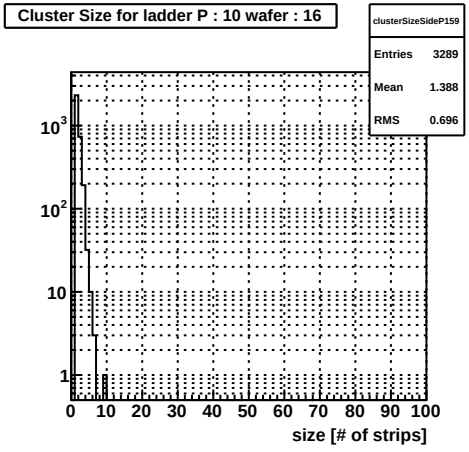

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2182
Mean 1.263
RMS 0.5706
size [# of strips]

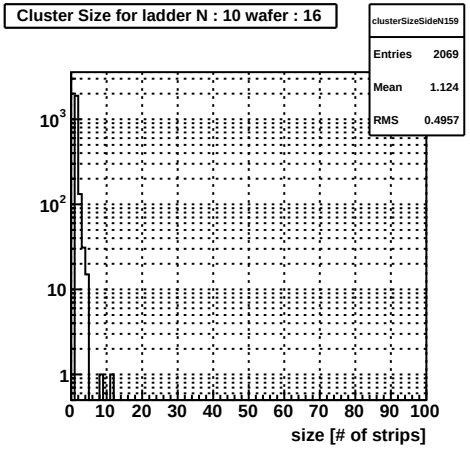

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 416
Mean 1.709
RMS 0.9655
size [# of strips]

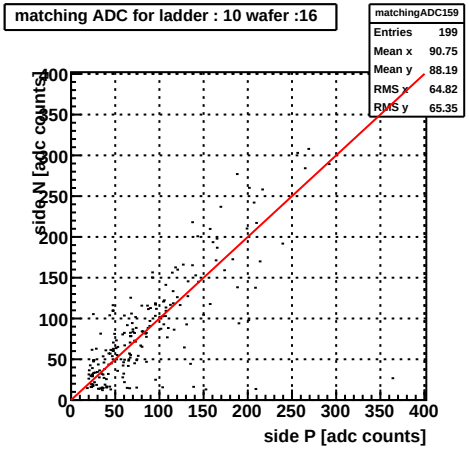

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 277
Mean x 91.78
Mean y 73.31
RMS x 65.92
RMS y 56.91
side N [adc counts]
side P [adc counts]

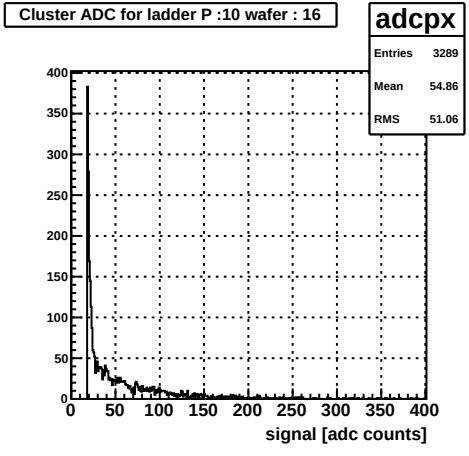

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2182
Mean 53.41
RMS 53.07
signal [adc counts]

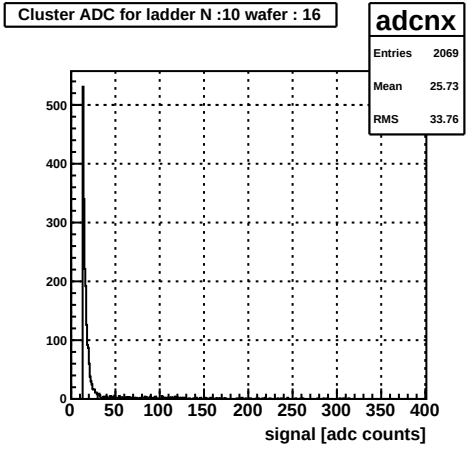

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 416
Mean 65.32
RMS 57.81
signal [adc counts]

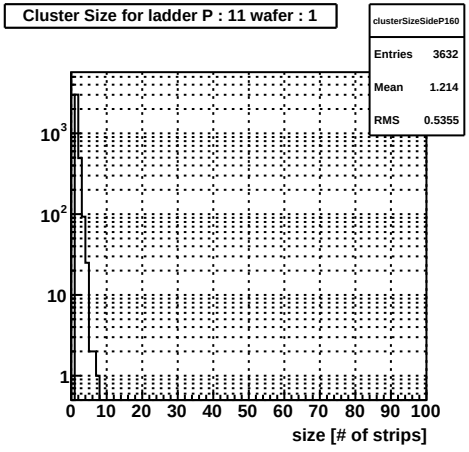

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3289
Mean 1.388
RMS 0.696
size [# of strips]

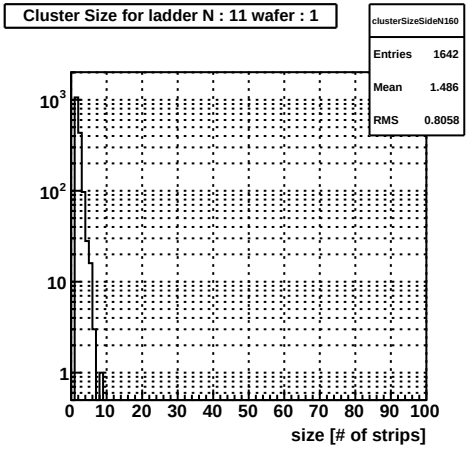

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2069
Mean 1.124
RMS 0.4957
size [# of strips]

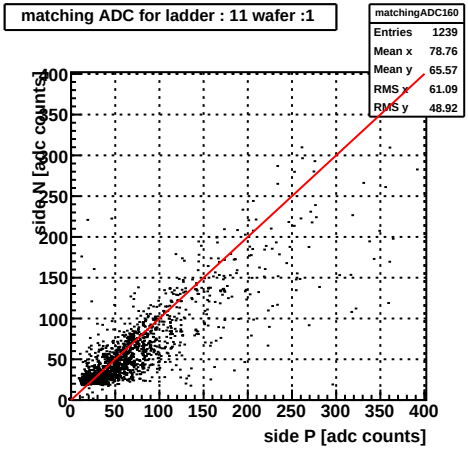

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 199
Mean x 90.75
Mean y 88.19
RMS x 64.82
RMS y 65.35
side N [adc counts]
side P [adc counts]

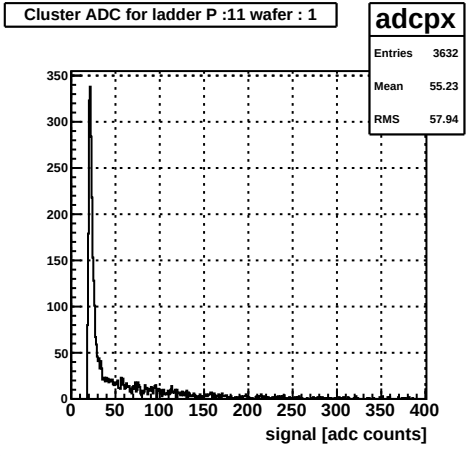

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3289
Mean 54.86
RMS 51.06
signal [adc counts]

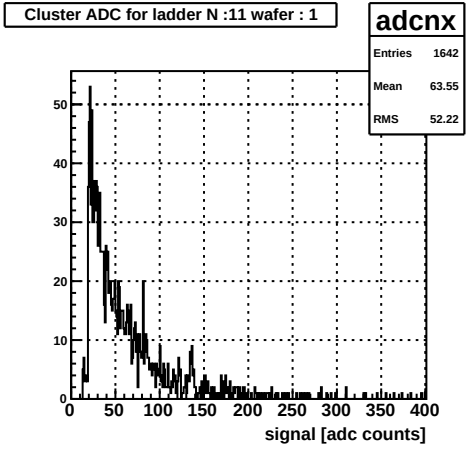

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2069
Mean 25.73
RMS 33.76
signal [adc counts]

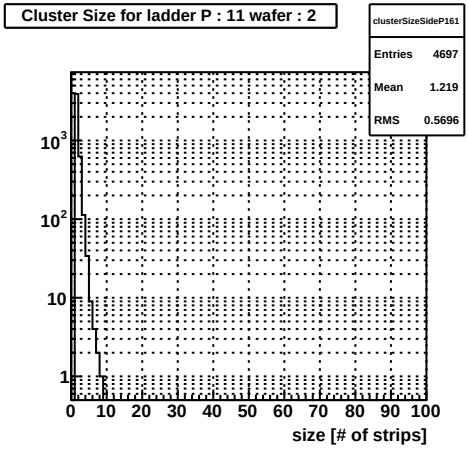

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3632
Mean 1.214
RMS 0.5355
size [# of strips]

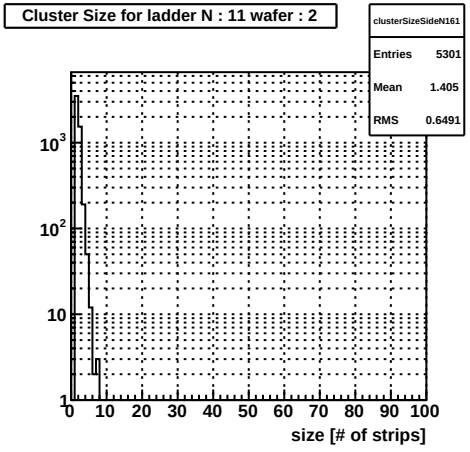

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1642
Mean 1.486
RMS 0.8058
size [# of strips]

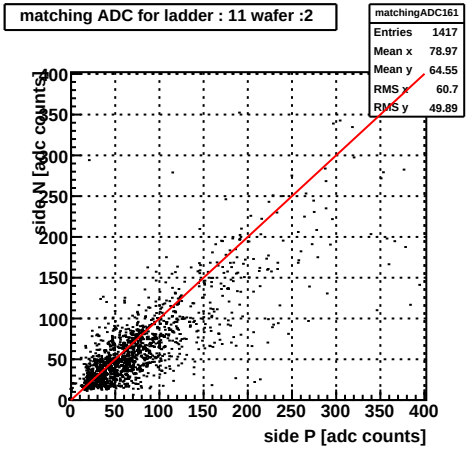

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1239
Mean x 78.76
Mean y 65.57
RMS x 61.09
RMS y 48.92
side N [adc counts]
side P [adc counts]

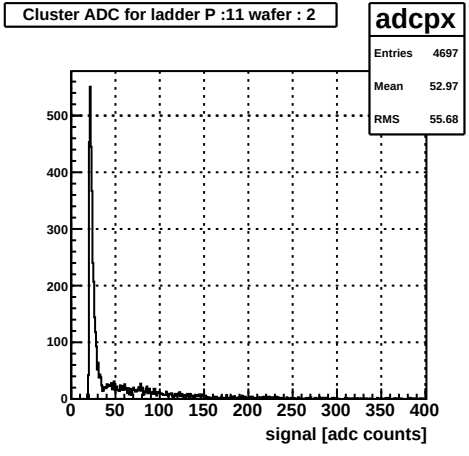

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3632
Mean 55.23
RMS 57.94
signal [adc counts]

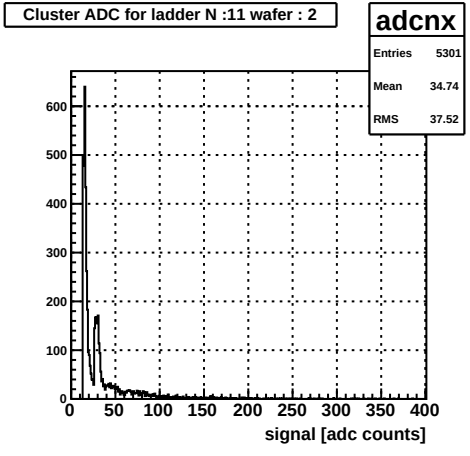

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1642
Mean 63.55
RMS 52.22
signal [adc counts]

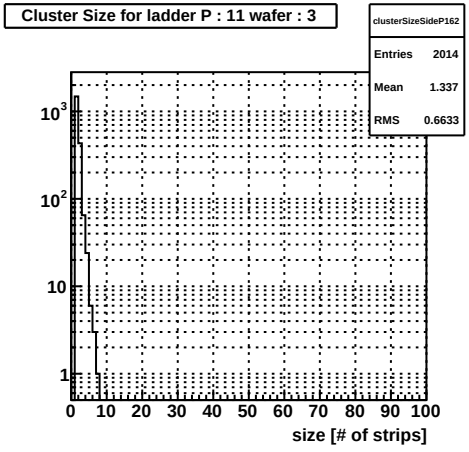

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4697
Mean 1.219
RMS 0.5696
size [# of strips]

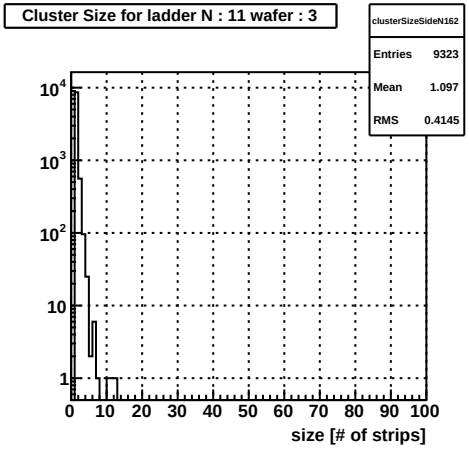

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5301
Mean 1.405
RMS 0.6491
size [# of strips]

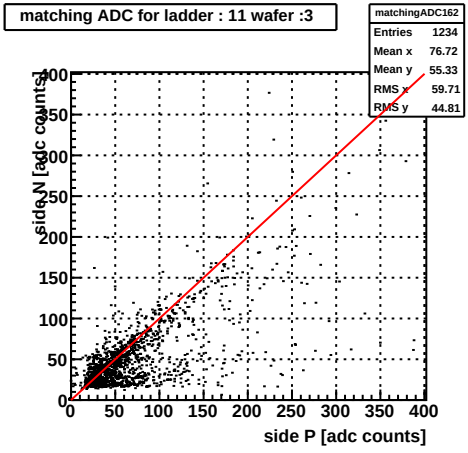

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1417
Mean x 78.97
Mean y 64.55
RMS x 60.7
RMS y 49.89
side N [adc counts]
side P [adc counts]

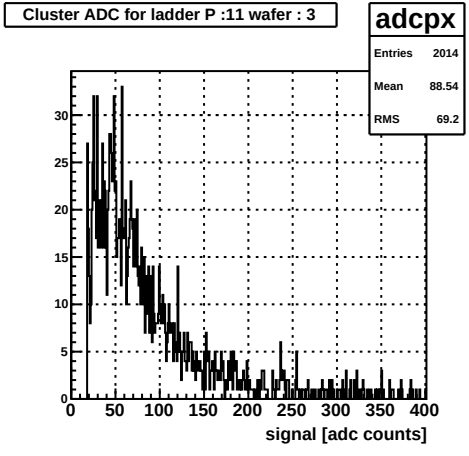

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4697
Mean 52.97
RMS 55.68
signal [adc counts]

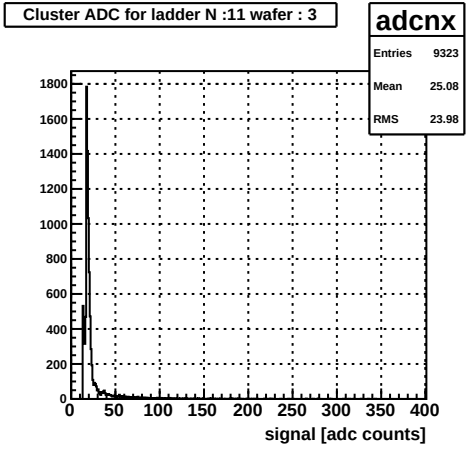

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5301
Mean 34.74
RMS 37.52
signal [adc counts]

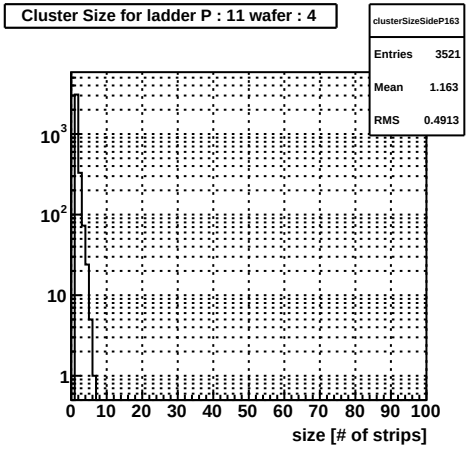

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2014
Mean 1.337
RMS 0.6633
size [# of strips]

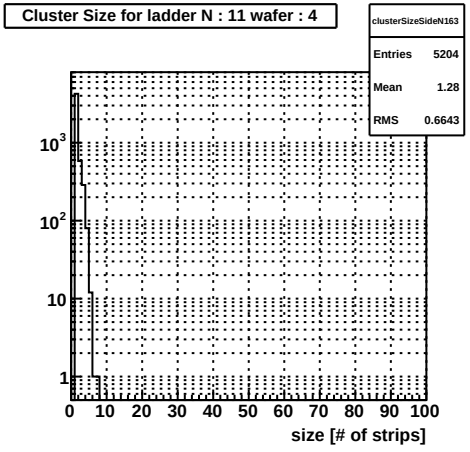

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9323
Mean 1.097
RMS 0.4145
size [# of strips]

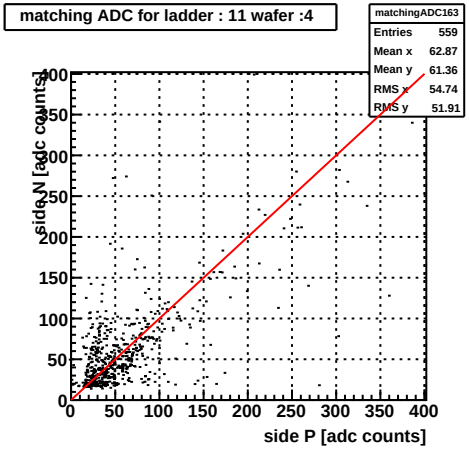

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1234
Mean x 76.72
Mean y 55.33
RMS x 59.71
RMS y 44.81
side N [adc counts]
side P [adc counts]

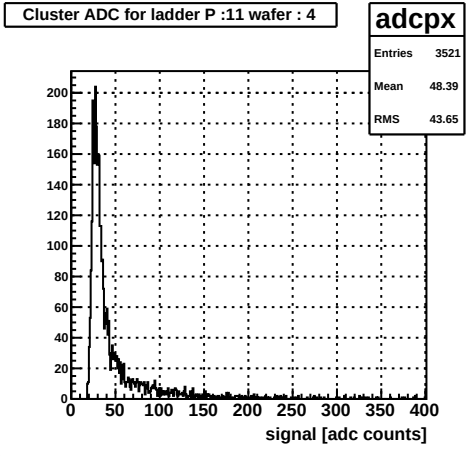

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2014
Mean 88.54
RMS 69.2
signal [adc counts]

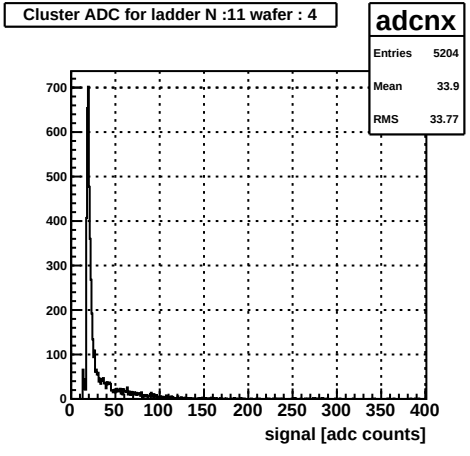

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9323
Mean 25.08
RMS 23.98
signal [adc counts]

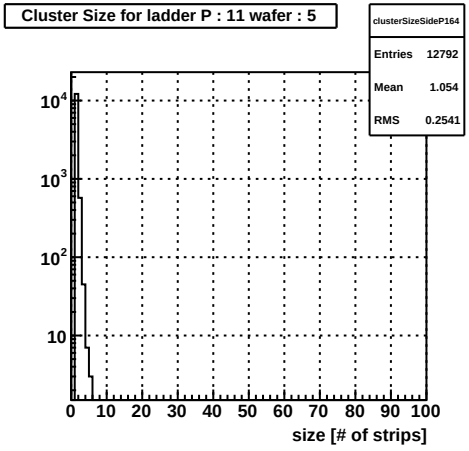

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3521
Mean 1.163
RMS 0.4913
size [# of strips]

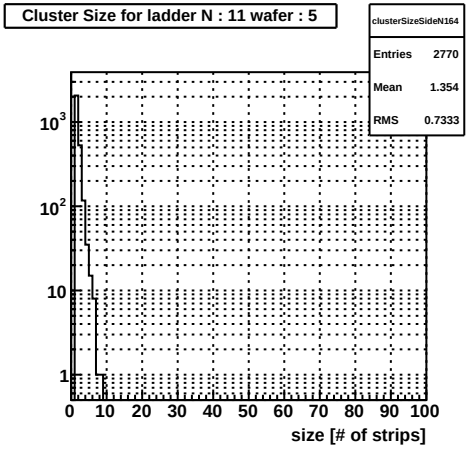

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 5204
Mean 1.28
RMS 0.6643
size [# of strips]

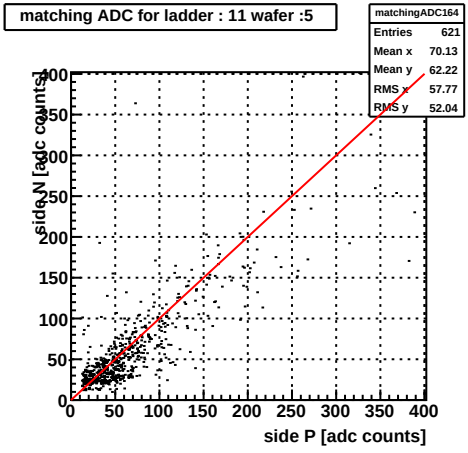

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 559
Mean x 62.87
Mean y 61.36
RMS x 54.74
RMS y 51.91
side N [adc counts]
side P [adc counts]

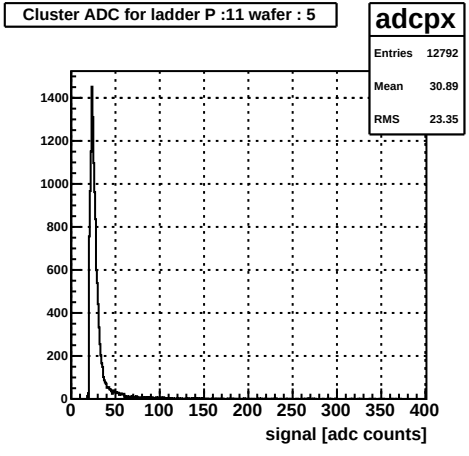

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3521
Mean 48.39
RMS 43.65
signal [adc counts]

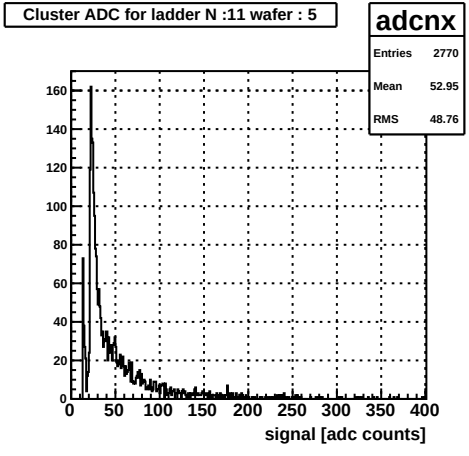

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 5204
Mean 33.9
RMS 33.77
signal [adc counts]

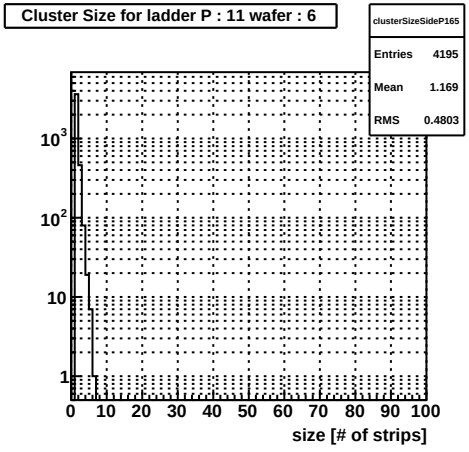

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12792
Mean 1.054
RMS 0.2541
size [# of strips]

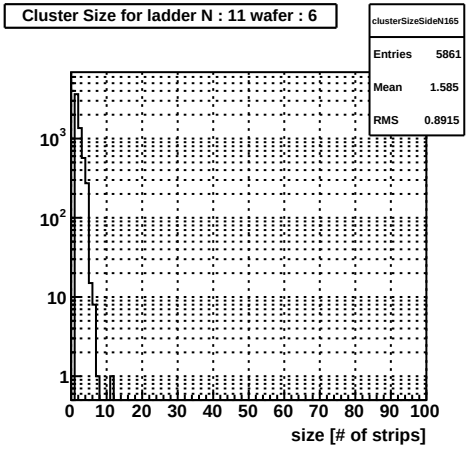

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2770
Mean 1.354
RMS 0.7333
size [# of strips]

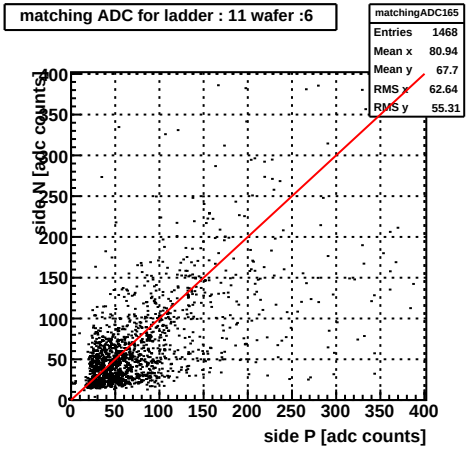

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 621
Mean x 70.13
Mean y 62.22
RMS x 57.77
RMS y 52.04
side N [adc counts]
side P [adc counts]

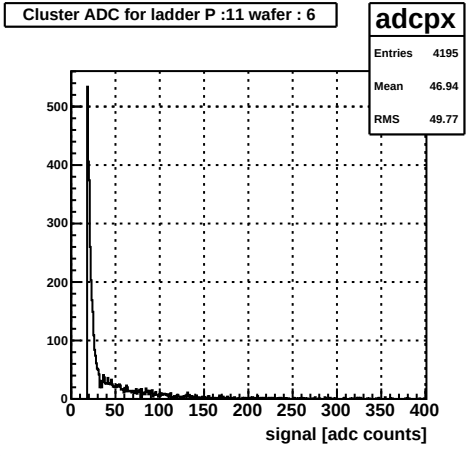

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12792
Mean 30.89
RMS 23.35
signal [adc counts]

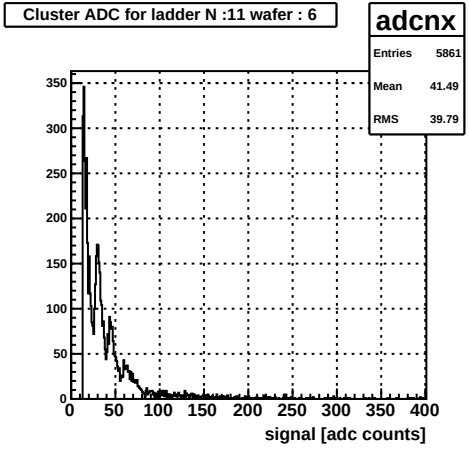

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2770
Mean 52.95
RMS 48.76
signal [adc counts]

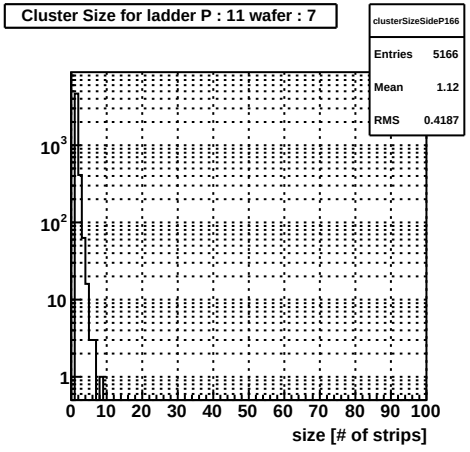

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4195
Mean 1.169
RMS 0.4803
size [# of strips]

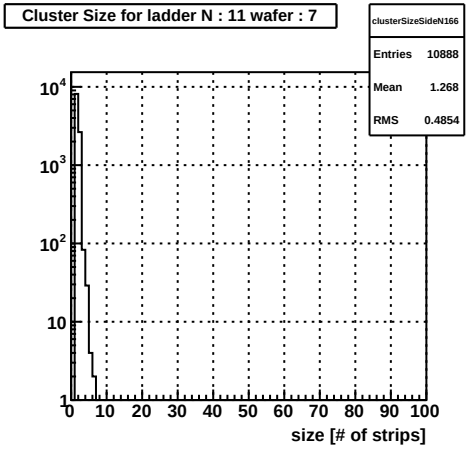

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5861
Mean 1.585
RMS 0.8915
size [# of strips]

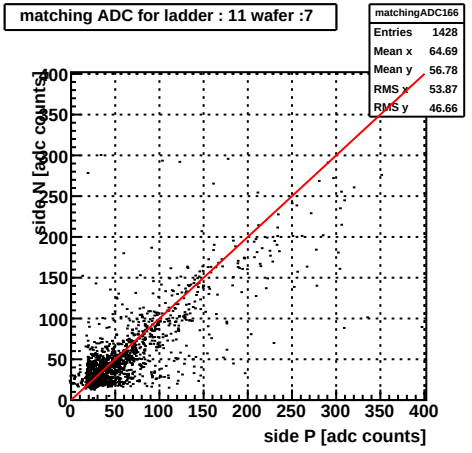

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1468
Mean x 80.94
Mean y 67.7
RMS x 62.64
RMS y 55.31
side N [adc counts]
side P [adc counts]

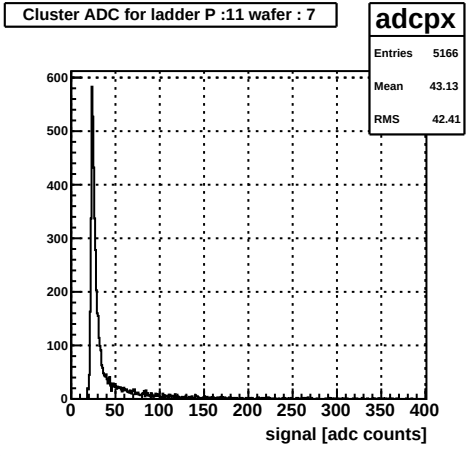

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4195
Mean 46.94
RMS 49.77
signal [adc counts]

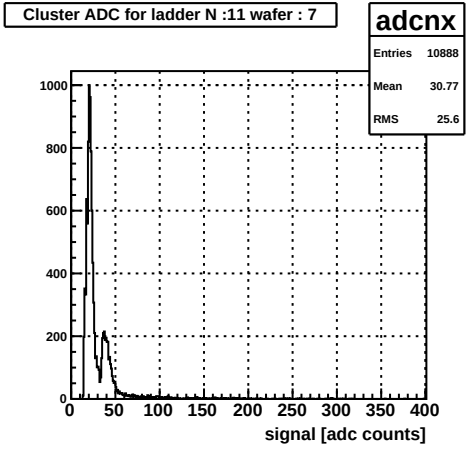

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5861
Mean 41.49
RMS 39.79
signal [adc counts]

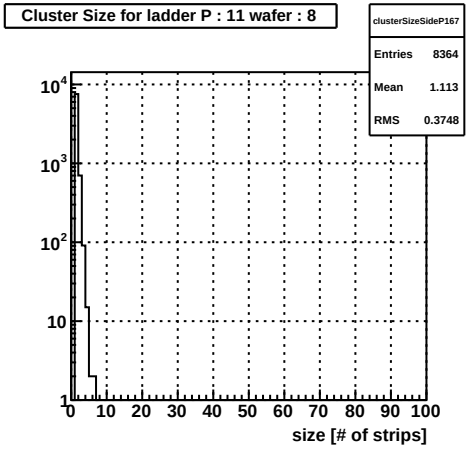

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5166
Mean 1.12
RMS 0.4187
size [# of strips]

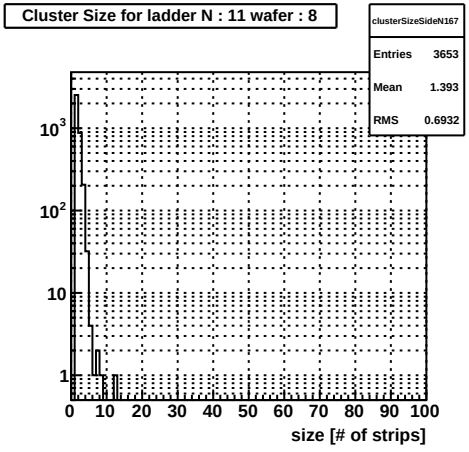

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 10888
Mean 1.268
RMS 0.4854
size [# of strips]

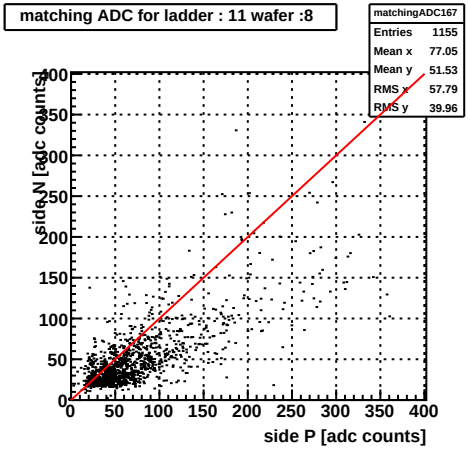

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1428
Mean x 64.69
Mean y 56.78
RMS x 53.87
RMS y 46.66
side N [adc counts]
side P [adc counts]

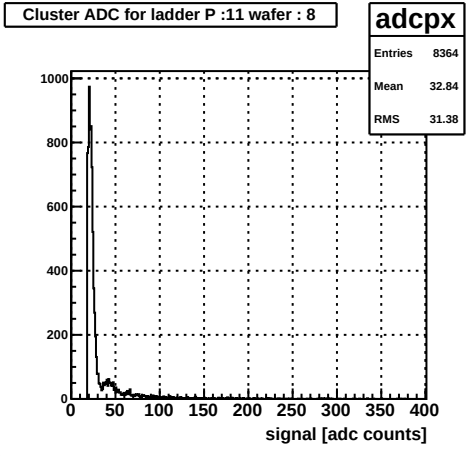

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5166
Mean 43.13
RMS 42.41
signal [adc counts]

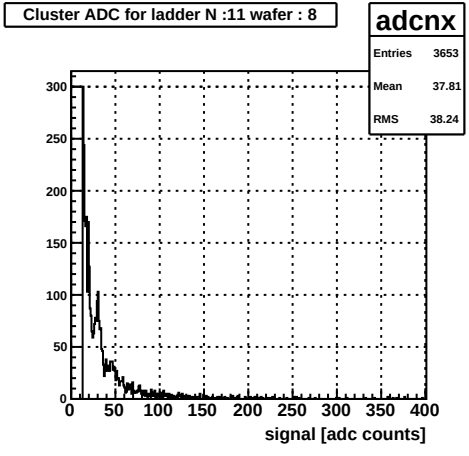

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 10888
Mean 30.77
RMS 25.6
signal [adc counts]

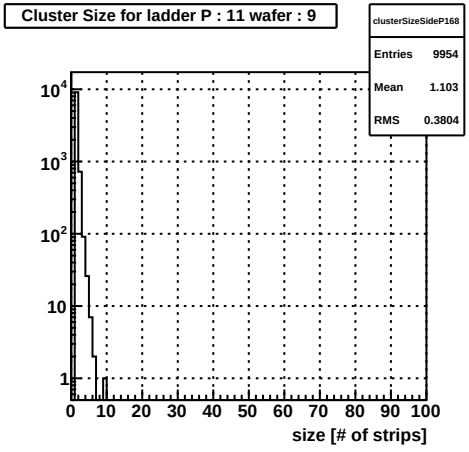

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8364
Mean 1.113
RMS 0.3748
size [# of strips]

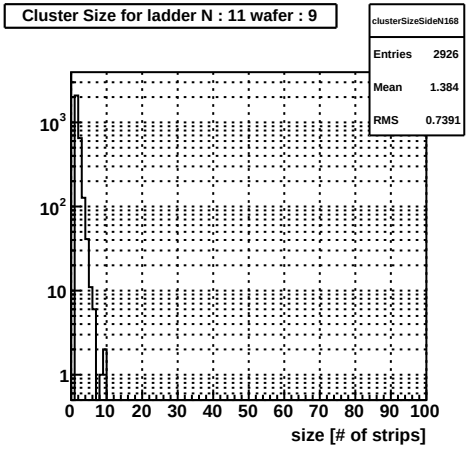

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3653
Mean 1.393
RMS 0.6932
size [# of strips]

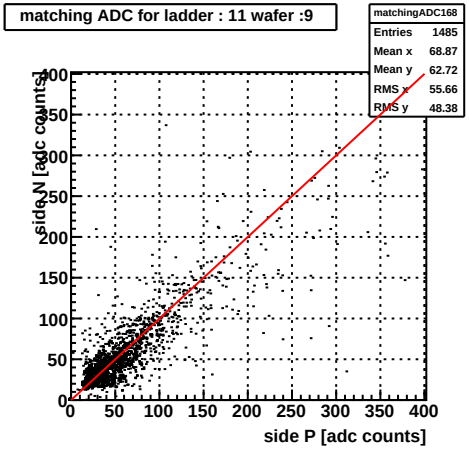

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1155
Mean x 77.05
Mean y 51.53
RMS x 57.79
RMS y 39.96
side N [adc counts]
side P [adc counts]

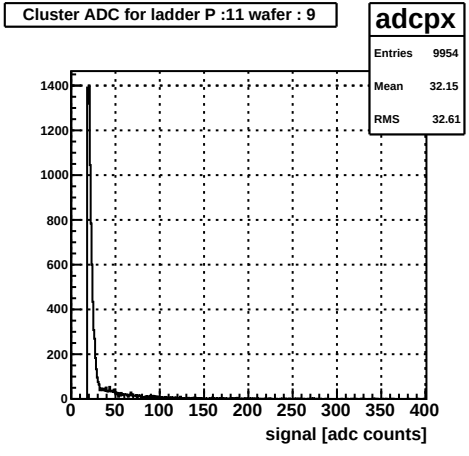

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8364
Mean 32.84
RMS 31.38
signal [adc counts]

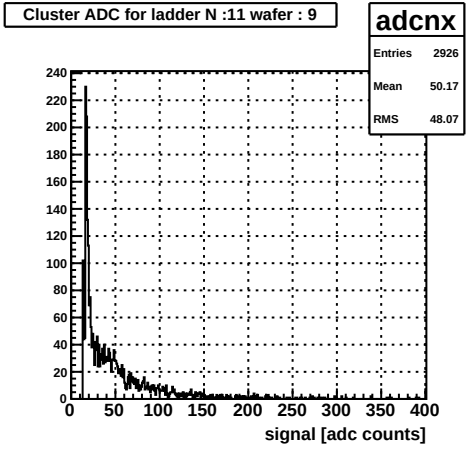

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3653
Mean 37.81
RMS 38.24
signal [adc counts]

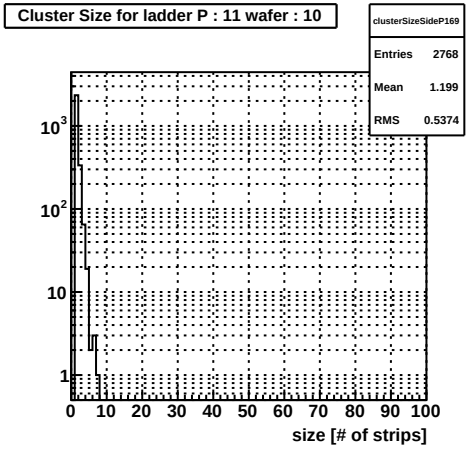

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 9954
Mean 1.103
RMS 0.3804
size [# of strips]

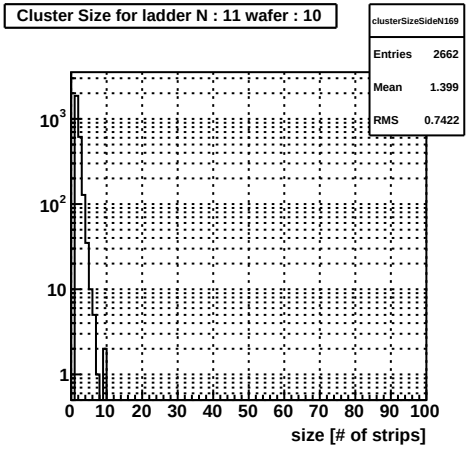

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2926
Mean 1.384
RMS 0.7391
size [# of strips]

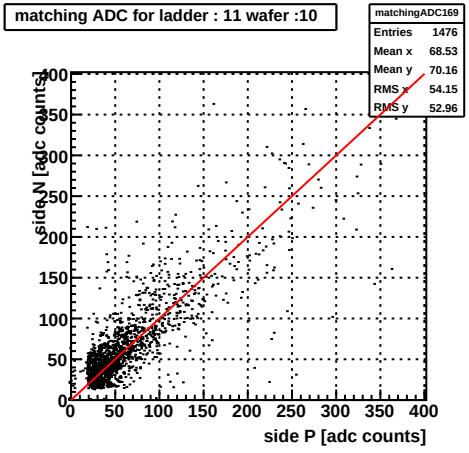

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1485
Mean x 68.87
Mean y 62.72
RMS x 55.66
RMS y 48.38
side N [adc counts]
side P [adc counts]

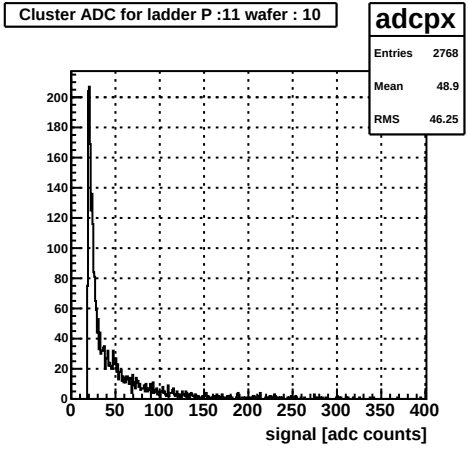

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 9954
Mean 32.15
RMS 32.61
signal [adc counts]

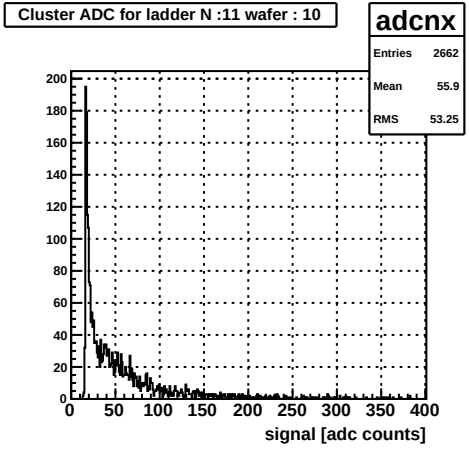

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2926
Mean 50.17
RMS 48.07
signal [adc counts]

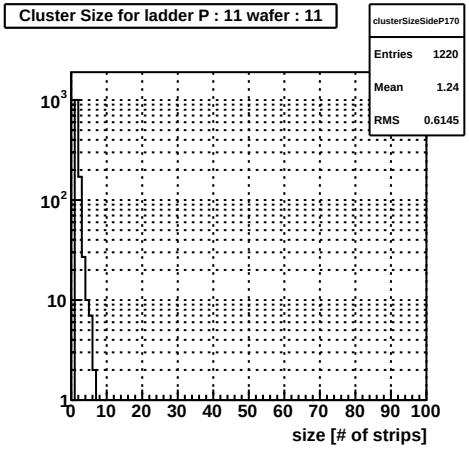

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2768
Mean 1.199
RMS 0.5374
size [# of strips]

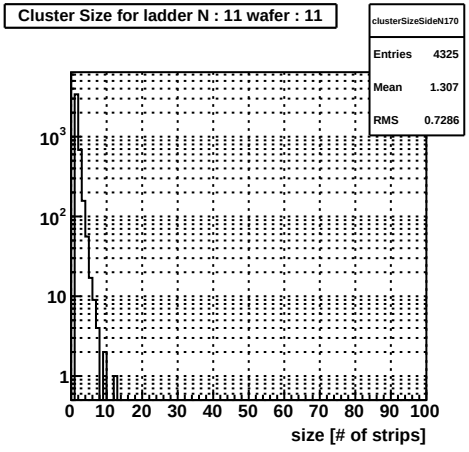

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2662
Mean 1.399
RMS 0.7422
size [# of strips]

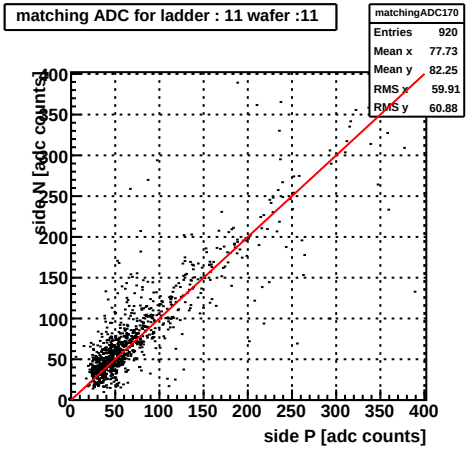

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1476
Mean x 68.53
Mean y 70.16
RMS x 54.15
RMS y 52.96
side N [adc counts]
side P [adc counts]

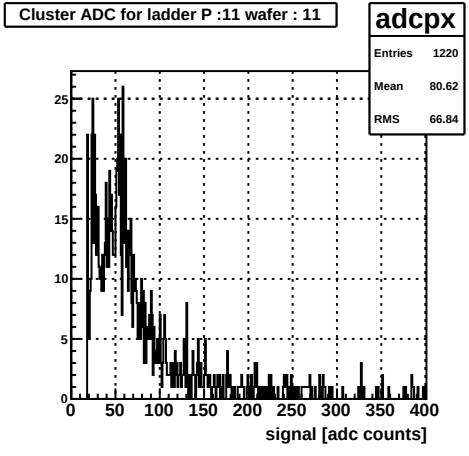

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2768
Mean 48.9
RMS 46.25
signal [adc counts]

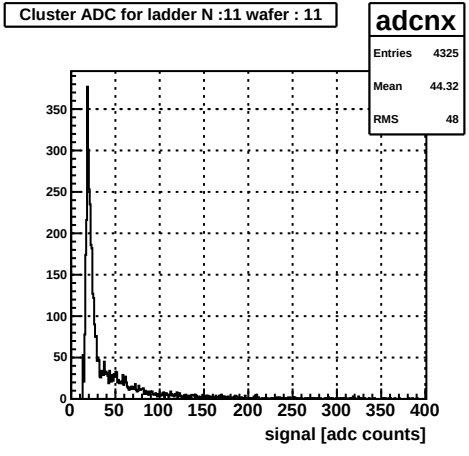

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2662
Mean 55.9
RMS 53.25
signal [adc counts]

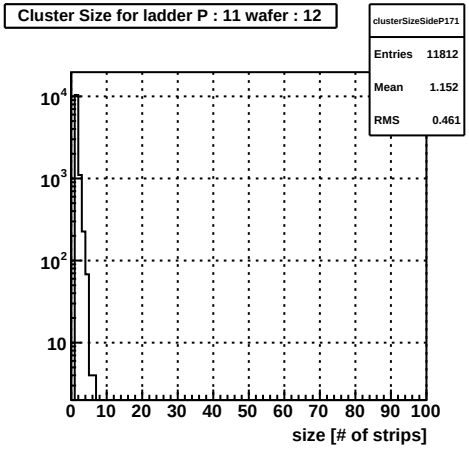

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1220
Mean 1.24
RMS 0.6145
size [# of strips]

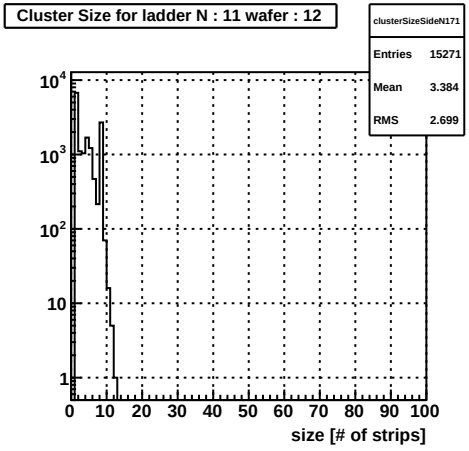

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4325
Mean 1.307
RMS 0.7286
size [# of strips]

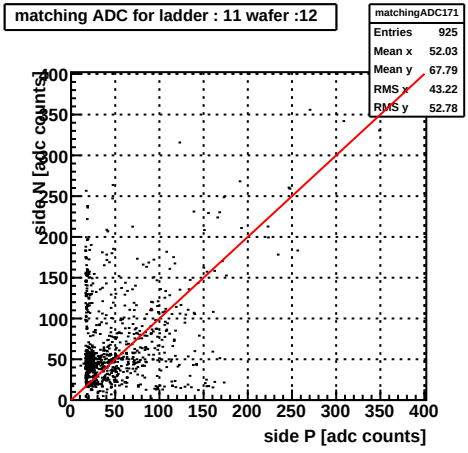

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 920
Mean x 77.73
Mean y 82.25
RMS x 59.91
RMS y 60.88
side N [adc counts]
side P [adc counts]

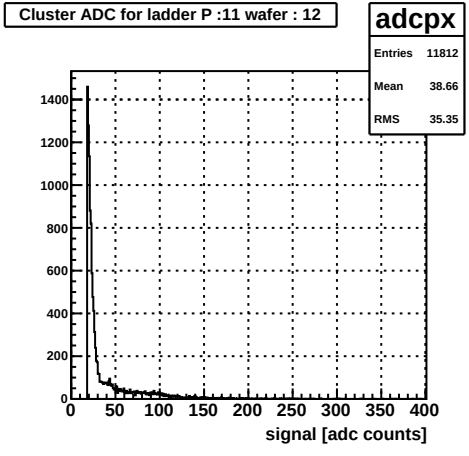

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1220
Mean 80.62
RMS 66.84
signal [adc counts]

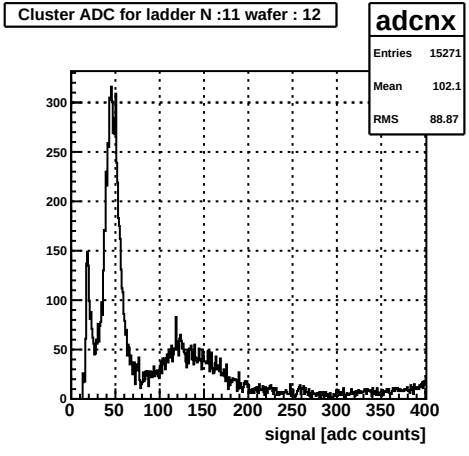

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4325
Mean 44.32
RMS 48
signal [adc counts]

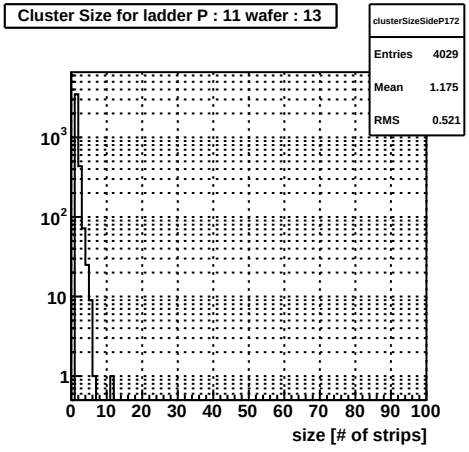

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11812
Mean 1.152
RMS 0.461
size [# of strips]

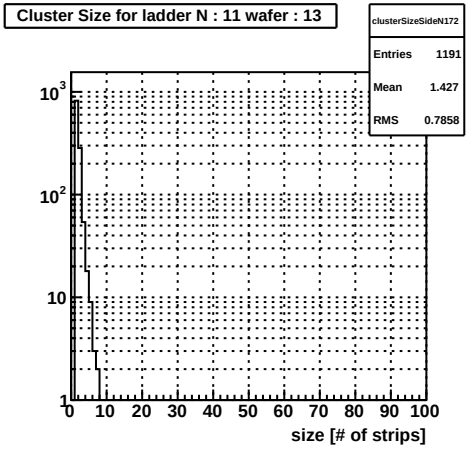

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15271
Mean 3.384
RMS 2.699
size [# of strips]

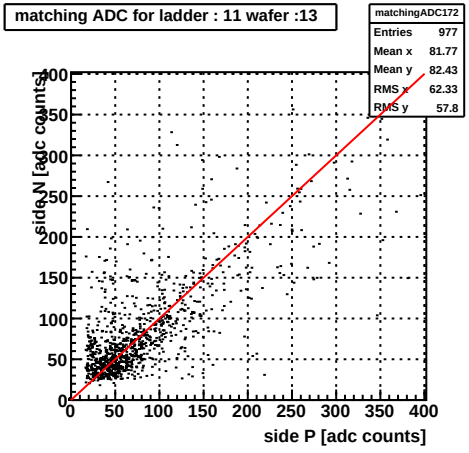

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 925
Mean x 52.03
Mean y 67.79
RMS x 43.22
RMS y 52.78
side N [adc counts]
side P [adc counts]

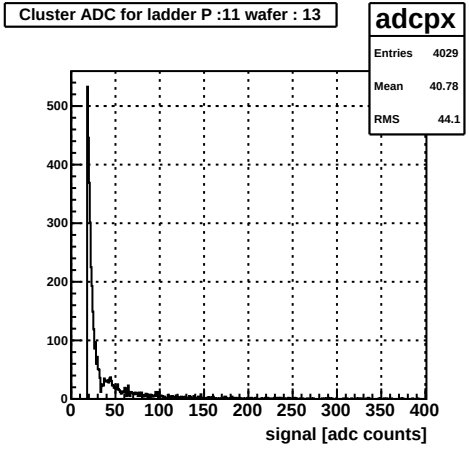

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11812
Mean 38.66
RMS 35.35
signal [adc counts]

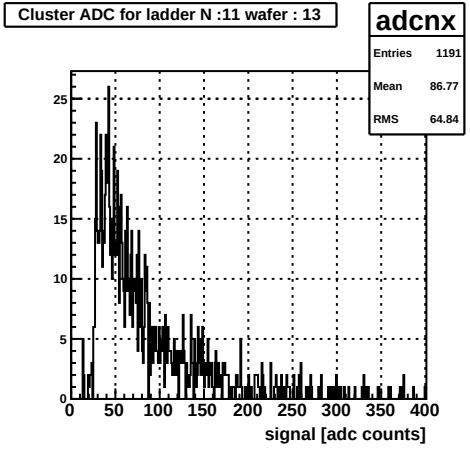

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15271
Mean 102.1
RMS 88.87
signal [adc counts]

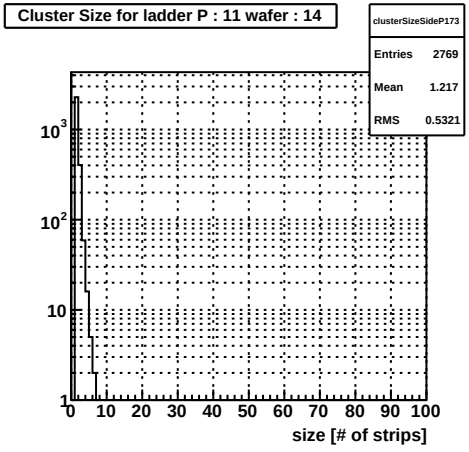

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4029
Mean 1.175
RMS 0.521
size [# of strips]

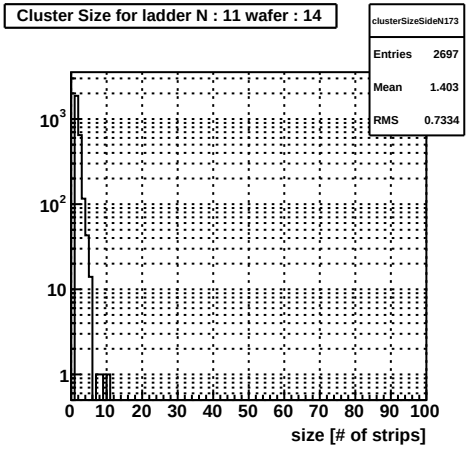

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1191
Mean 1.427
RMS 0.7858
size [# of strips]

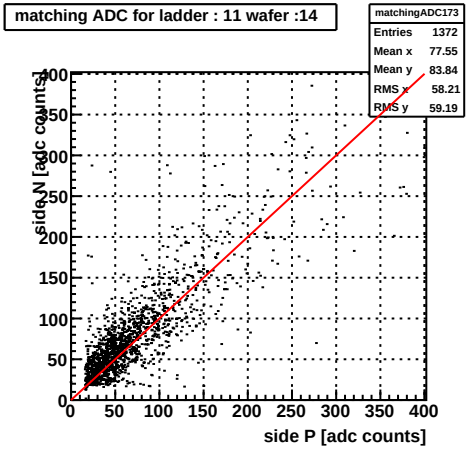

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 977
Mean x 81.77
Mean y 82.43
RMS x 62.33
RMS y 57.8
side N [adc counts]
side P [adc counts]

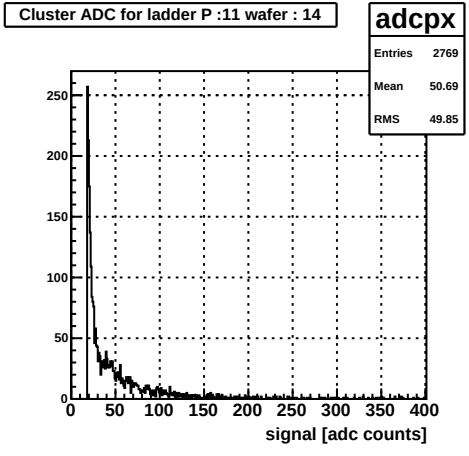

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4029
Mean 40.78
RMS 44.1
signal [adc counts]

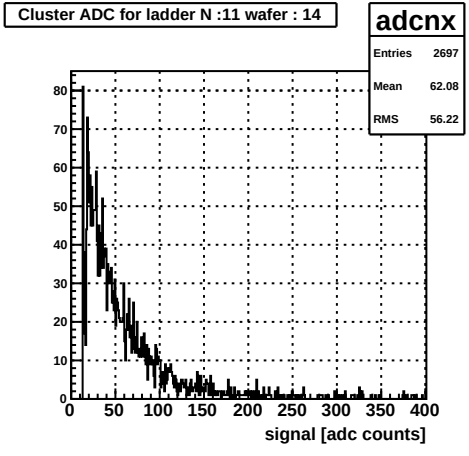

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1191
Mean 86.77
RMS 64.84
signal [adc counts]

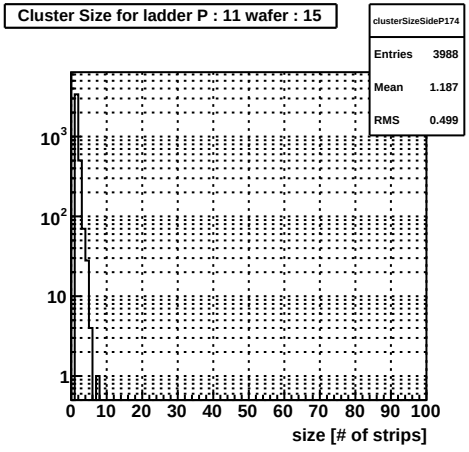

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2769
Mean 1.217
RMS 0.5321
size [# of strips]

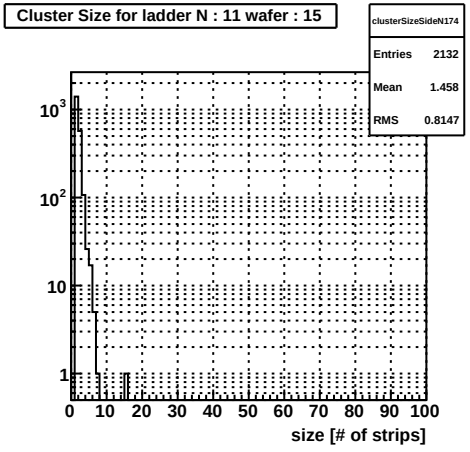

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2697
Mean 1.403
RMS 0.7334
size [# of strips]

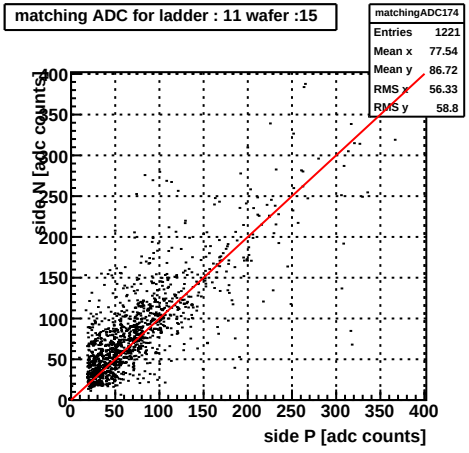

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1372
Mean x 77.55
Mean y 83.84
RMS x 58.21
RMS y 59.19
side N [adc counts]
side P [adc counts]

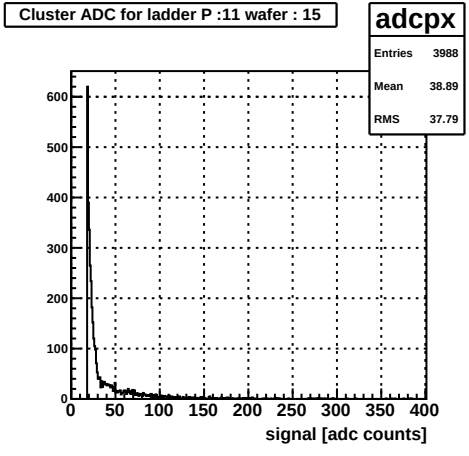

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2769
Mean 50.69
RMS 49.85
signal [adc counts]

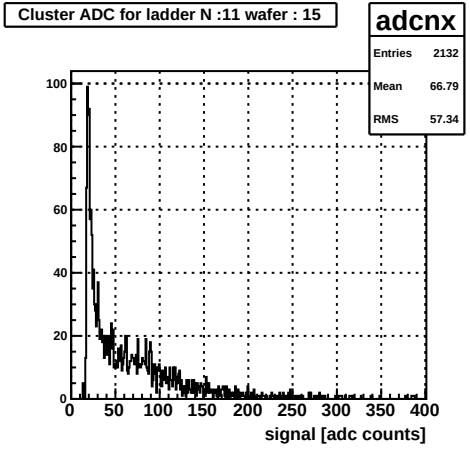

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2697
Mean 62.08
RMS 56.22
signal [adc counts]

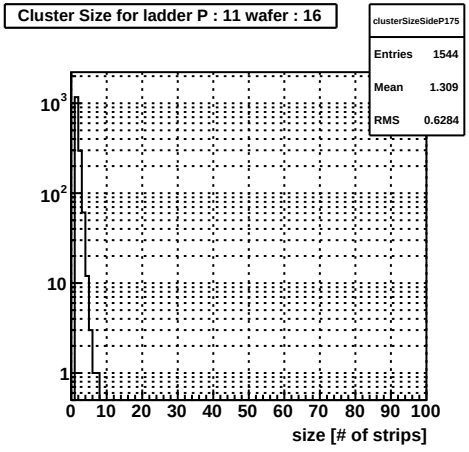

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3988
Mean 1.187
RMS 0.499
size [# of strips]

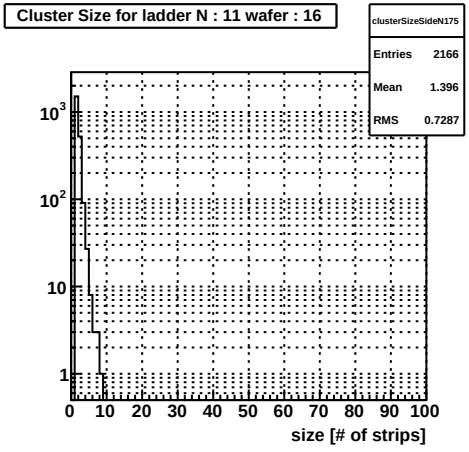

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2132
Mean 1.458
RMS 0.8147
size [# of strips]

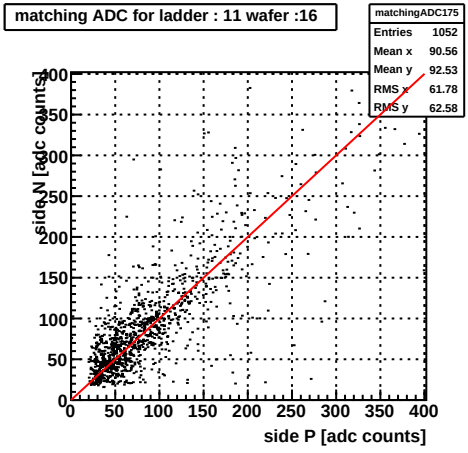

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1221
Mean x 77.54
Mean y 86.72
RMS x 56.33
RMS y 58.8
side N [adc counts]
side P [adc counts]

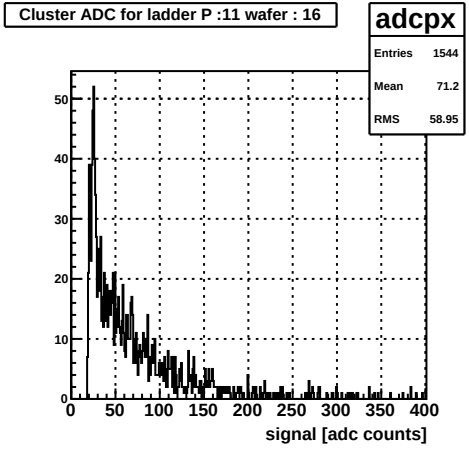

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3988
Mean 38.89
RMS 37.79
signal [adc counts]

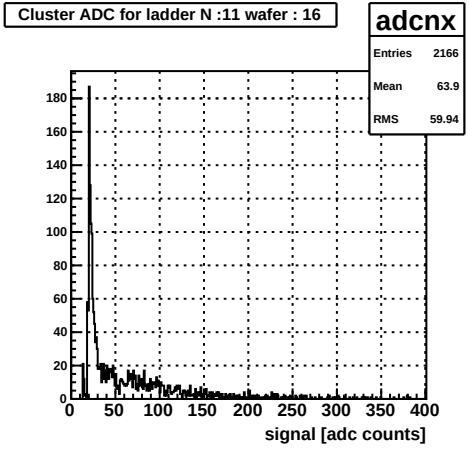

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2132
Mean 66.79
RMS 57.34
signal [adc counts]

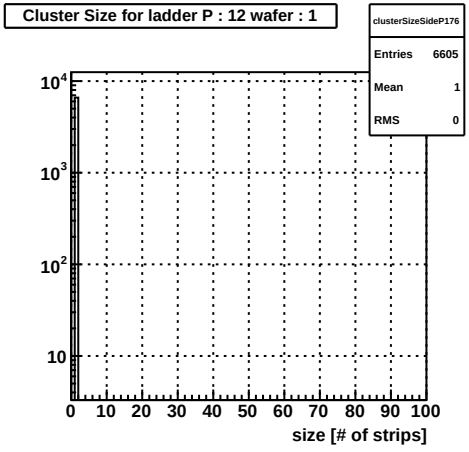

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1544
Mean 1.309
RMS 0.6284
size [# of strips]

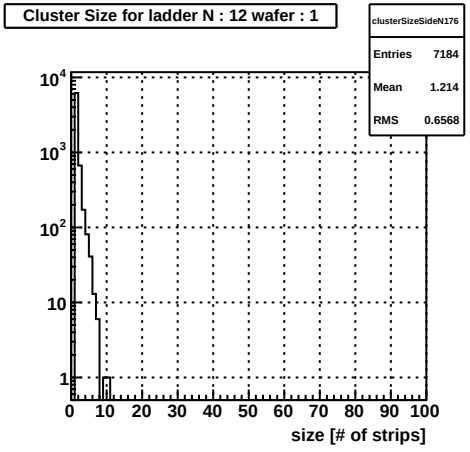

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2166
Mean 1.396
RMS 0.7287
size [# of strips]

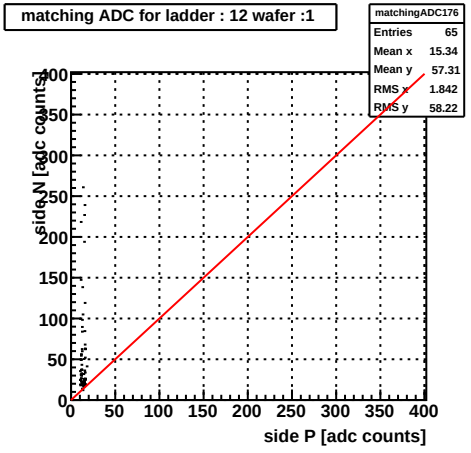

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1052
Mean x 90.56
Mean y 92.53
RMS x 61.78
RMS y 62.58
side N [adc counts]
side P [adc counts]

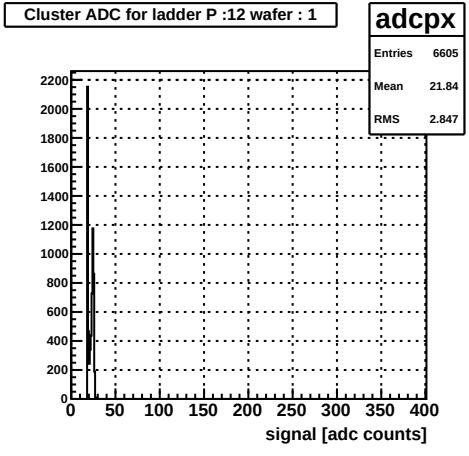

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1544
Mean 71.2
RMS 58.95
signal [adc counts]

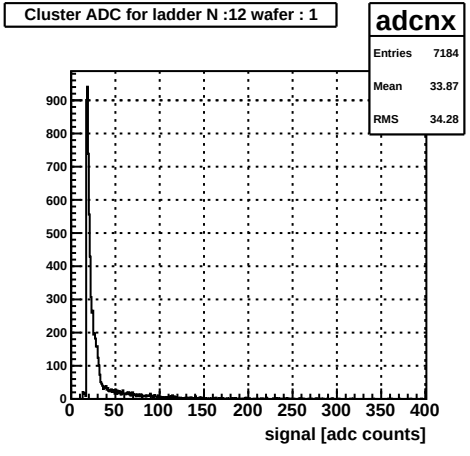

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2166
Mean 63.9
RMS 59.94
signal [adc counts]

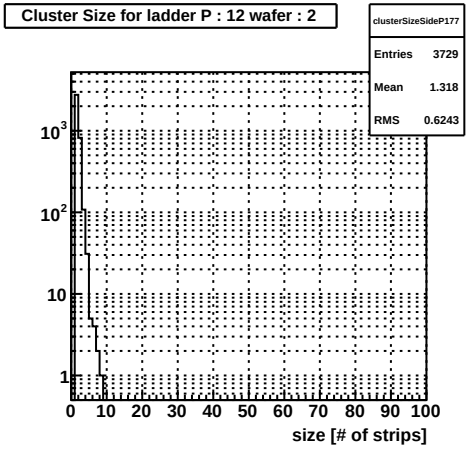

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 6605
Mean 1
RMS 0
size [# of strips]

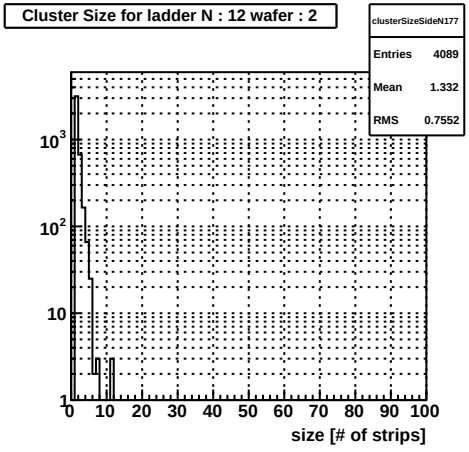

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 7184
Mean 1.214
RMS 0.6568
size [# of strips]

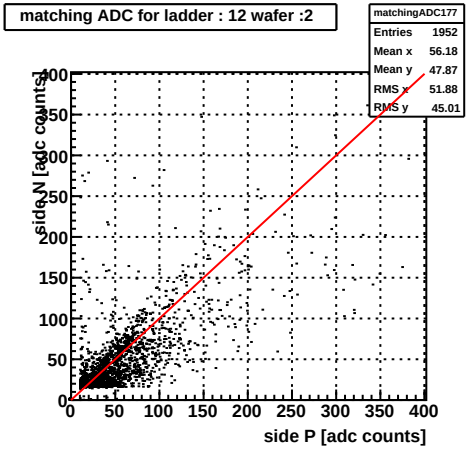

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 65
Mean x 15.34
Mean y 57.31
RMS x 1.842
RMS y 58.22
side N [adc counts]
side P [adc counts]

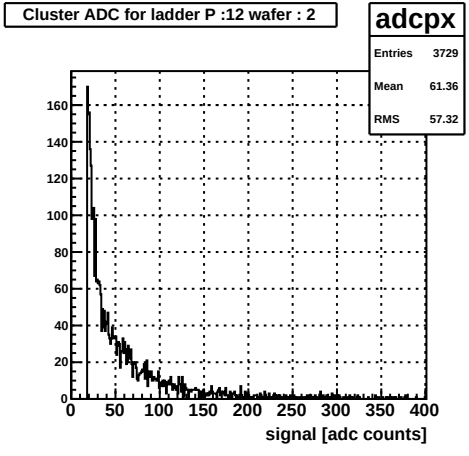

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 6605
Mean 21.84
RMS 2.847
signal [adc counts]

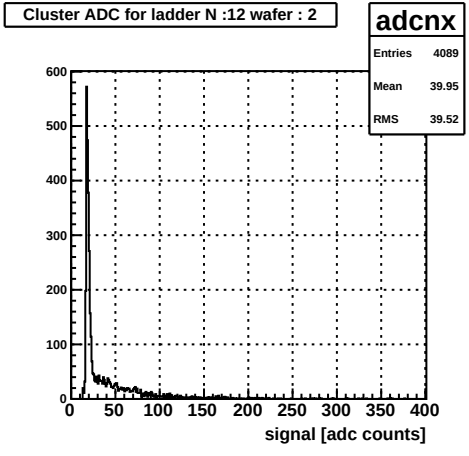

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 7184
Mean 33.87
RMS 34.28
signal [adc counts]

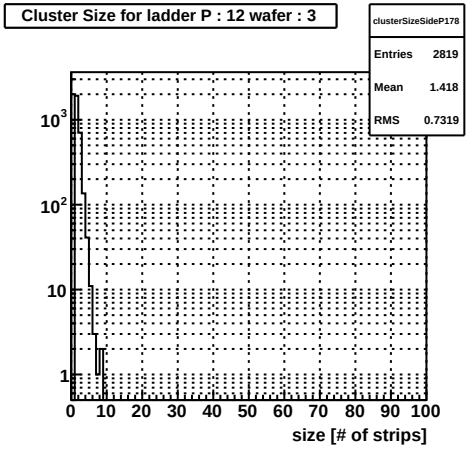

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3729
Mean 1.318
RMS 0.6243
size [# of strips]

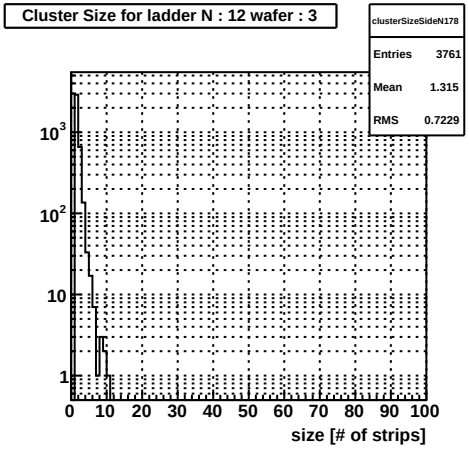

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4089
Mean 1.332
RMS 0.7552
size [# of strips]

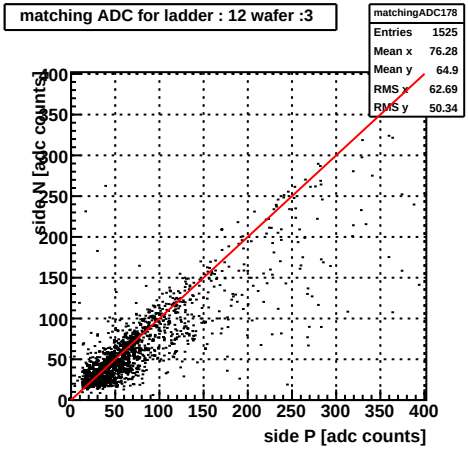

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1952
Mean x 56.18
Mean y 47.87
RMS x 51.88
RMS y 45.01
side N [adc counts]
side P [adc counts]

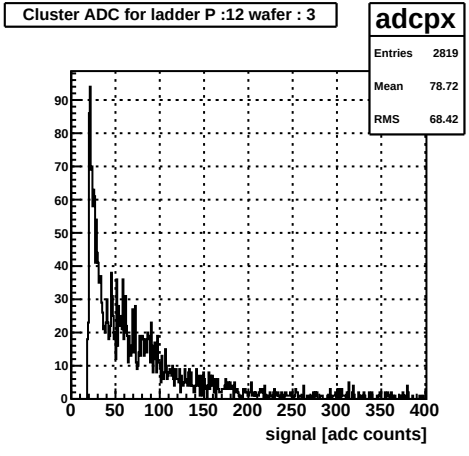

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3729
Mean 61.36
RMS 57.32
signal [adc counts]

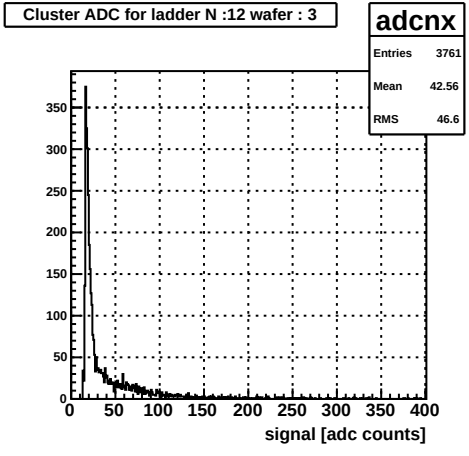

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4089
Mean 39.95
RMS 39.52
signal [adc counts]

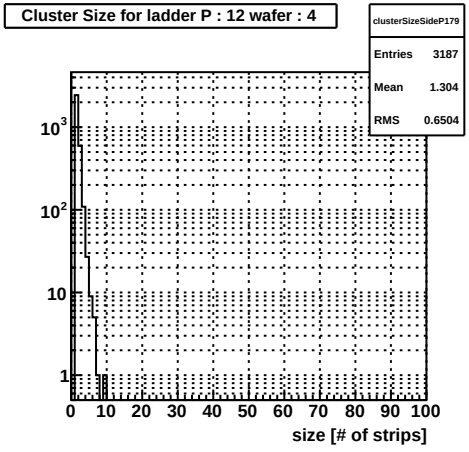

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2819
Mean 1.418
RMS 0.7319
size [# of strips]

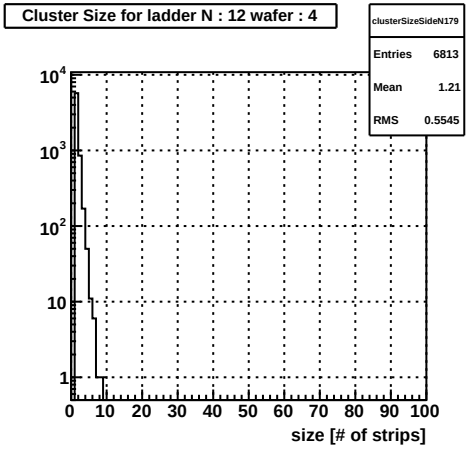

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3761
Mean 1.315
RMS 0.7229
size [# of strips]

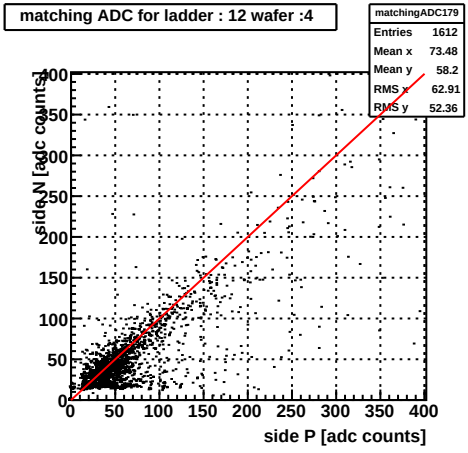

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1525
Mean x 76.28
Mean y 64.9
RMS x 62.69
RMS y 50.34
side N [adc counts]
side P [adc counts]

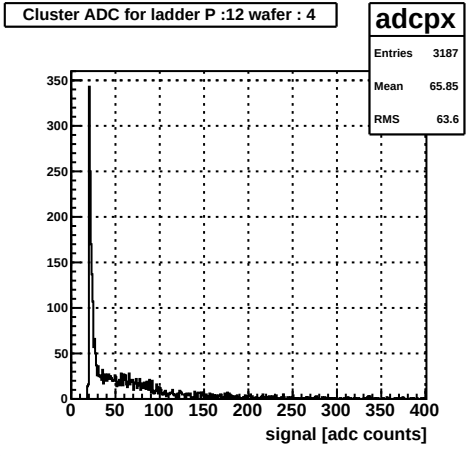

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2819
Mean 78.72
RMS 68.42
signal [adc counts]

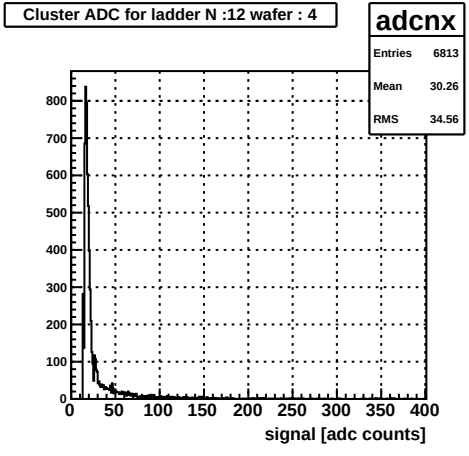

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3761
Mean 42.56
RMS 46.6
signal [adc counts]

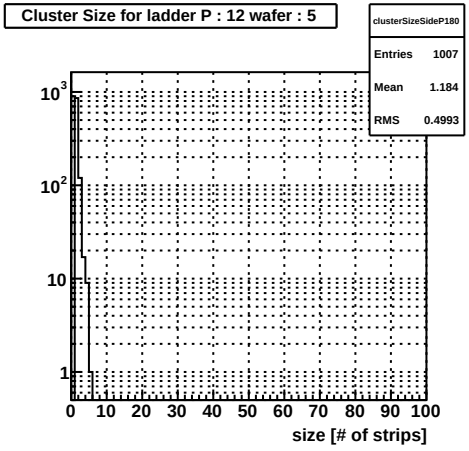

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3187
Mean 1.304
RMS 0.6504
size [# of strips]

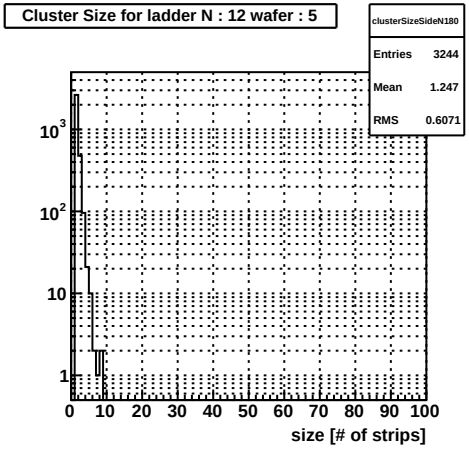

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6813
Mean 1.21
RMS 0.5545
size [# of strips]

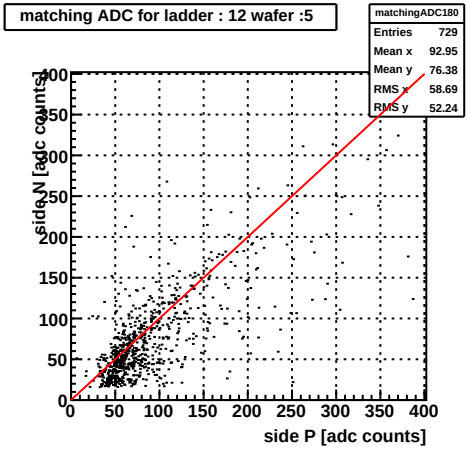

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1612
Mean x 73.48
Mean y 58.2
RMS x 62.91
RMS y 52.36
side N [adc counts]
side P [adc counts]

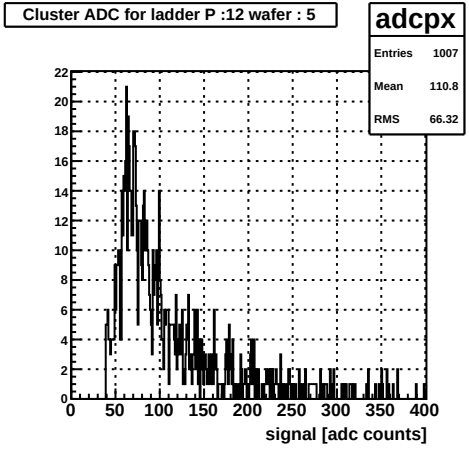

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3187
Mean 65.85
RMS 63.6
signal [adc counts]

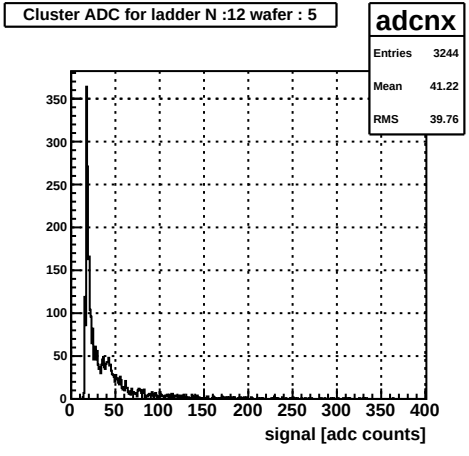

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6813
Mean 30.26
RMS 34.56
signal [adc counts]

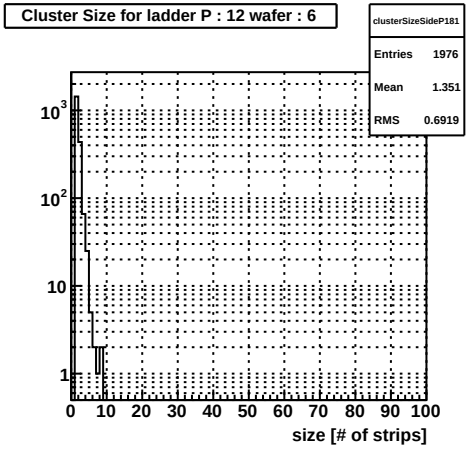

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1007
Mean 1.184
RMS 0.4993
size [# of strips]

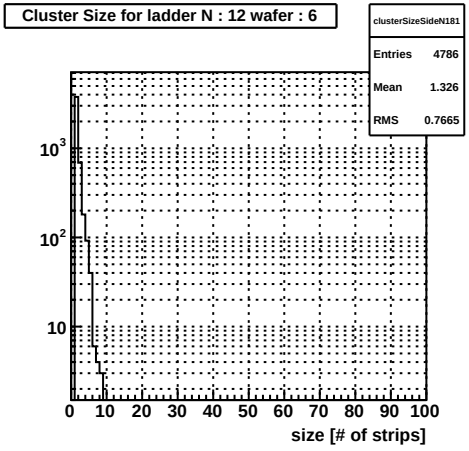

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3244
Mean 1.247
RMS 0.6071
size [# of strips]

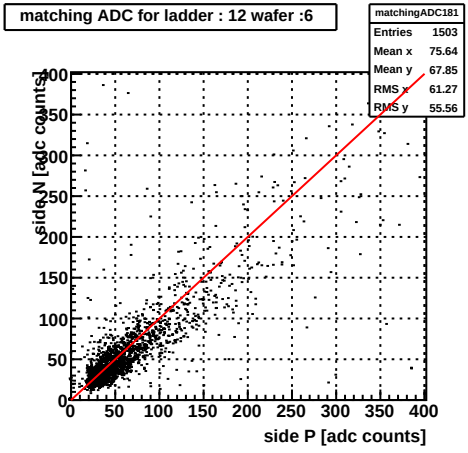

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 729
Mean x 92.95
Mean y 76.38
RMS x 58.69
RMS y 52.24
side N [adc counts]
side P [adc counts]

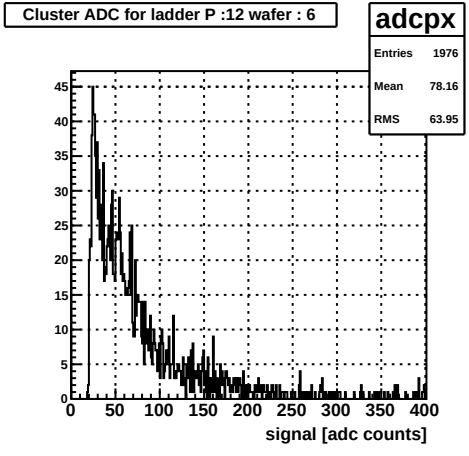

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1007
Mean 110.8
RMS 66.32
signal [adc counts]

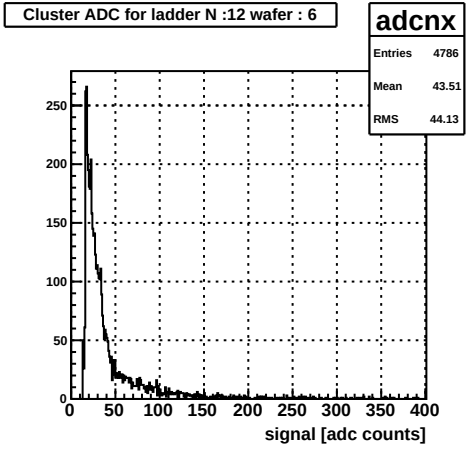

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3244
Mean 41.22
RMS 39.76
signal [adc counts]

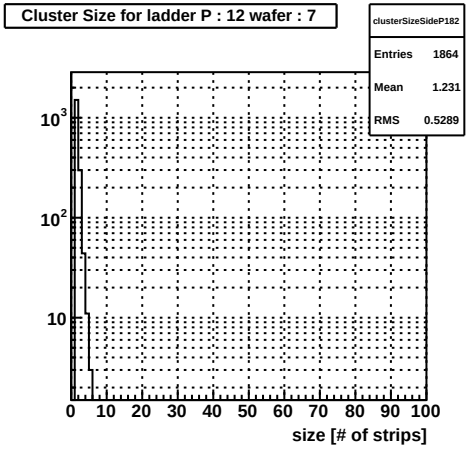

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1976
Mean 1.351
RMS 0.6919
size [# of strips]

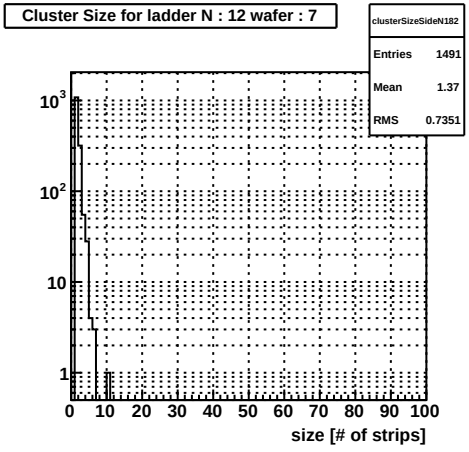

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4786
Mean 1.326
RMS 0.7665
size [# of strips]

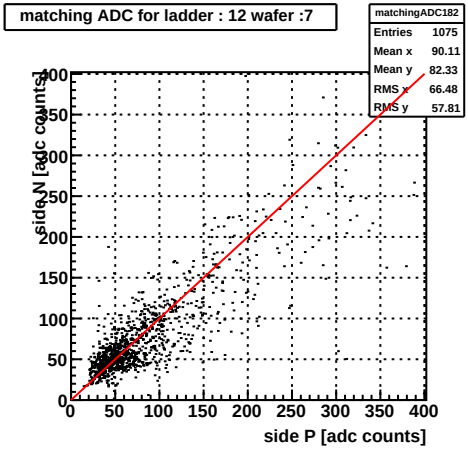

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1503
Mean x 75.64
Mean y 67.85
RMS x 61.27
RMS y 55.56
side N [adc counts]
side P [adc counts]

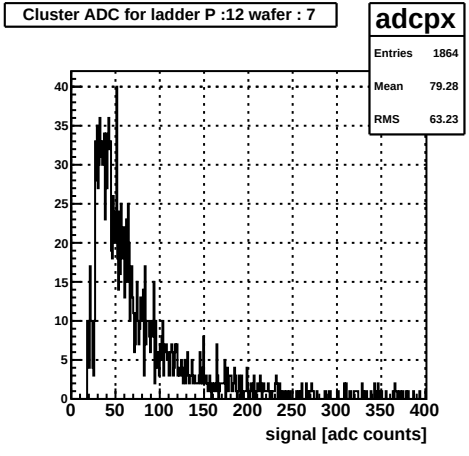

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1976
Mean 78.16
RMS 63.95
signal [adc counts]

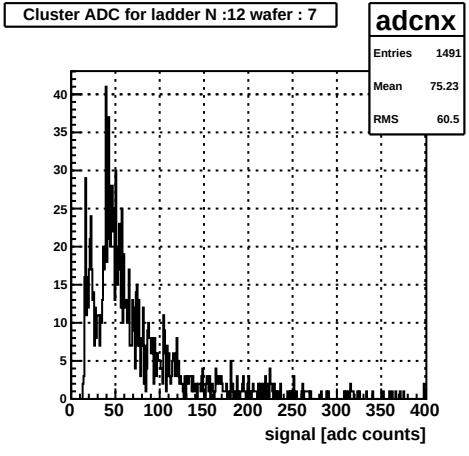

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4786
Mean 43.51
RMS 44.13
signal [adc counts]

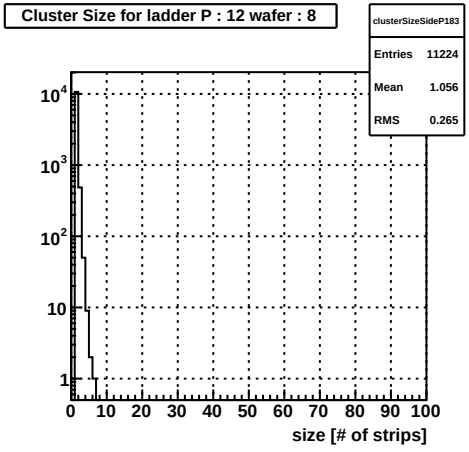

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1864
Mean 1.231
RMS 0.5289
size [# of strips]

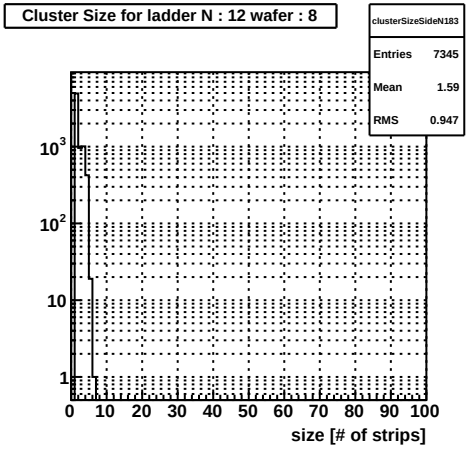

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1491
Mean 1.37
RMS 0.7351
size [# of strips]

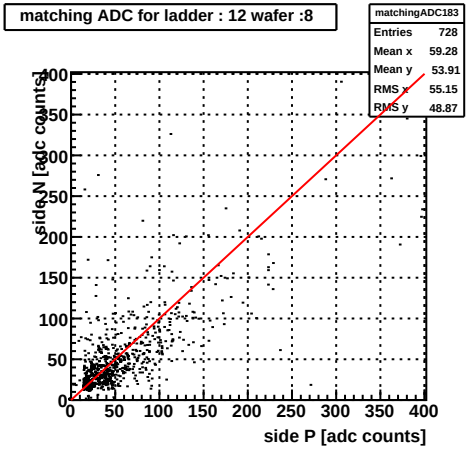

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1075
Mean x 90.11
Mean y 82.33
RMS x 66.48
RMS y 57.81
side N [adc counts]
side P [adc counts]

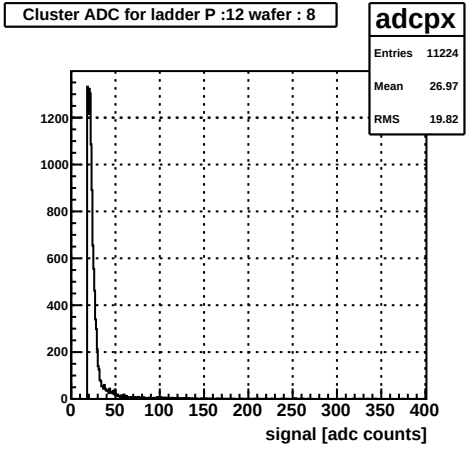

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1864
Mean 79.28
RMS 63.23
signal [adc counts]

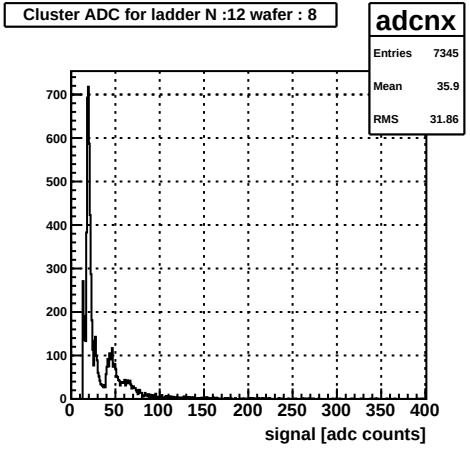

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1491
Mean 75.23
RMS 60.5
signal [adc counts]

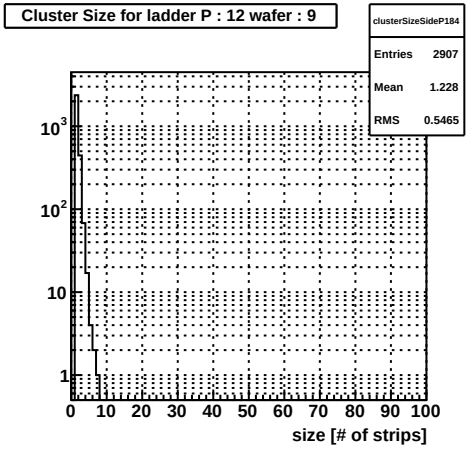

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11224
Mean 1.056
RMS 0.265
size [# of strips]

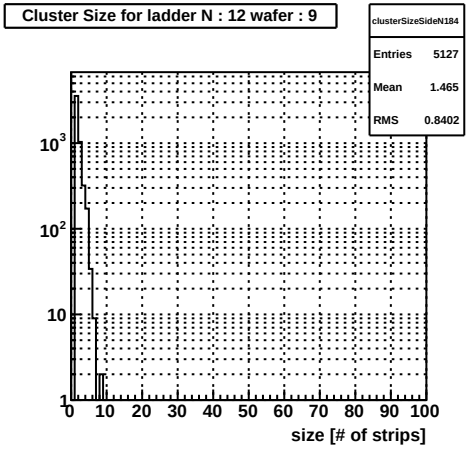

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7345
Mean 1.59
RMS 0.947
size [# of strips]

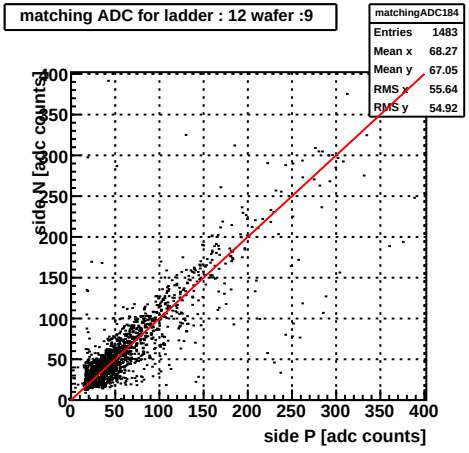

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 728
Mean x 59.28
Mean y 53.91
RMS x 55.15
RMS y 48.87
side N [adc counts]
side P [adc counts]

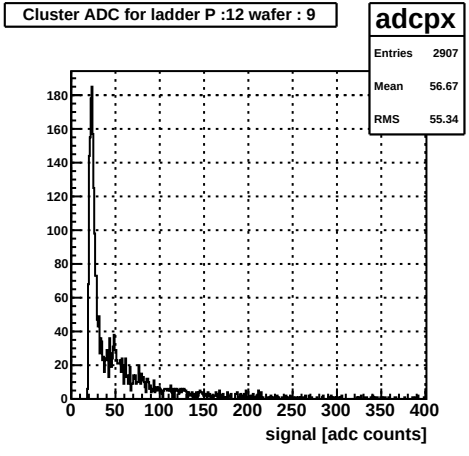

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11224
Mean 26.97
RMS 19.82
signal [adc counts]

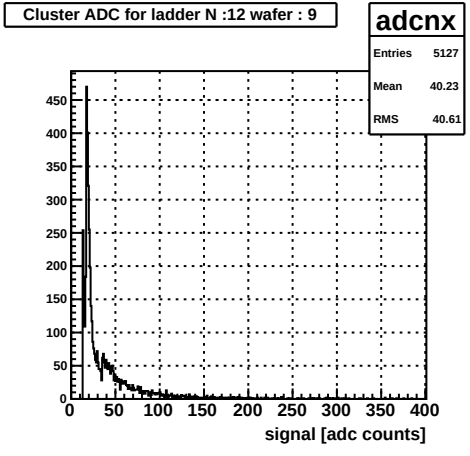

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7345
Mean 35.9
RMS 31.86
signal [adc counts]

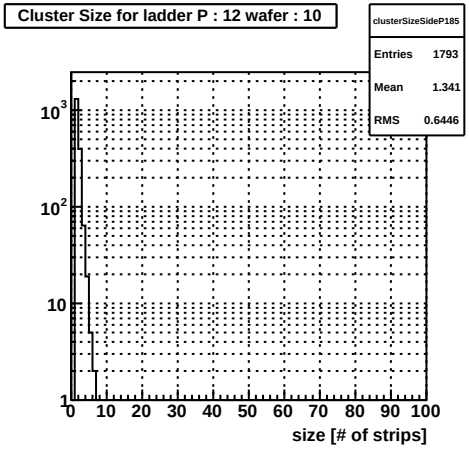

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2907
Mean 1.228
RMS 0.5465
size [# of strips]

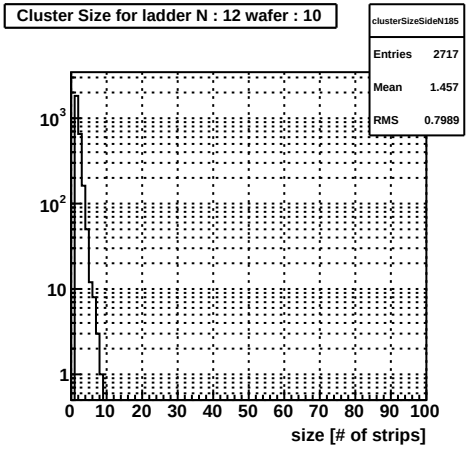

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5127
Mean 1.465
RMS 0.8402
size [# of strips]

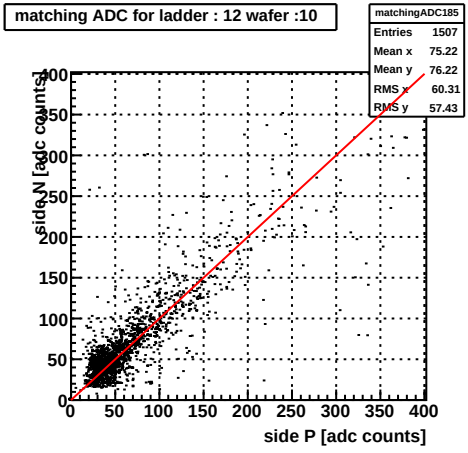

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1483
Mean x 68.27
Mean y 67.05
RMS x 55.64
RMS y 54.92
side N [adc counts]
side P [adc counts]

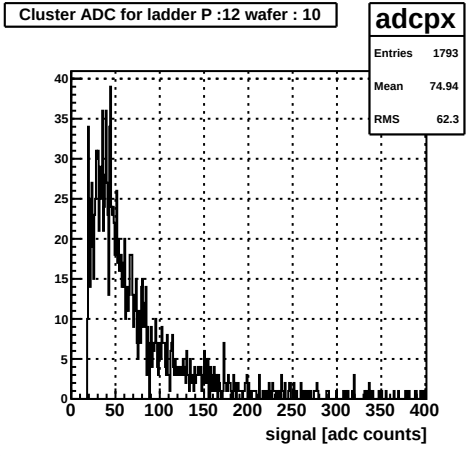

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2907
Mean 56.67
RMS 55.34
signal [adc counts]

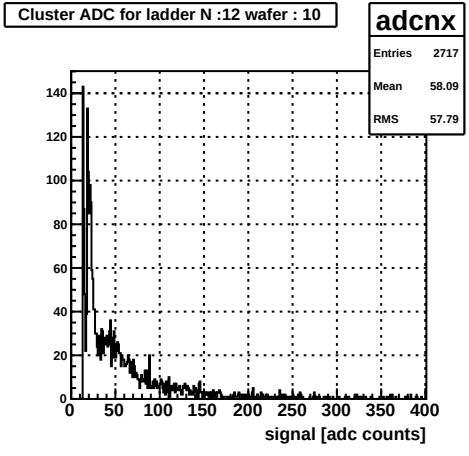

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5127
Mean 40.23
RMS 40.61
signal [adc counts]

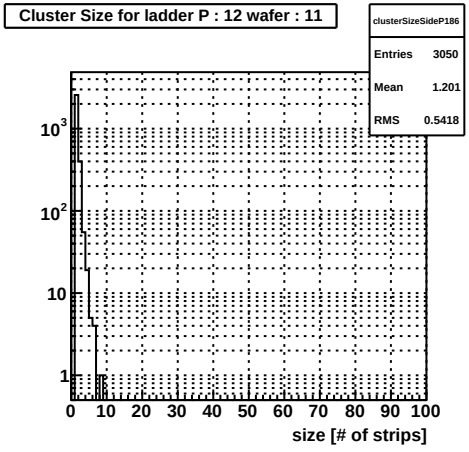

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1793
Mean 1.341
RMS 0.6446
size [# of strips]

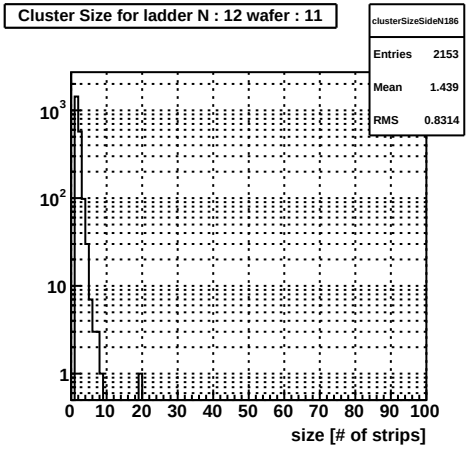

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2717
Mean 1.457
RMS 0.7989
size [# of strips]

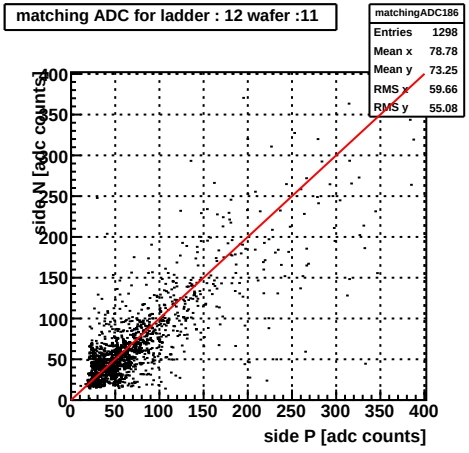

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1507
Mean x 75.22
Mean y 76.22
RMS x 60.31
RMS y 57.43
side N [adc counts]
side P [adc counts]

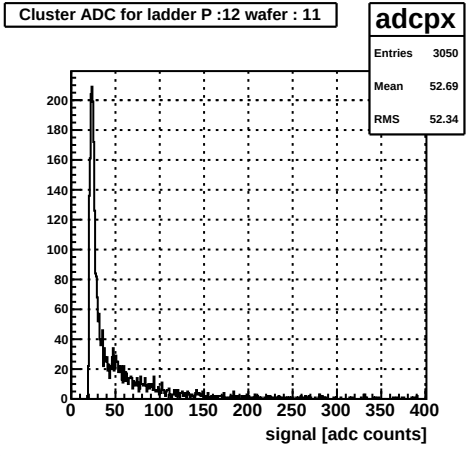

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1793
Mean 74.94
RMS 62.3
signal [adc counts]

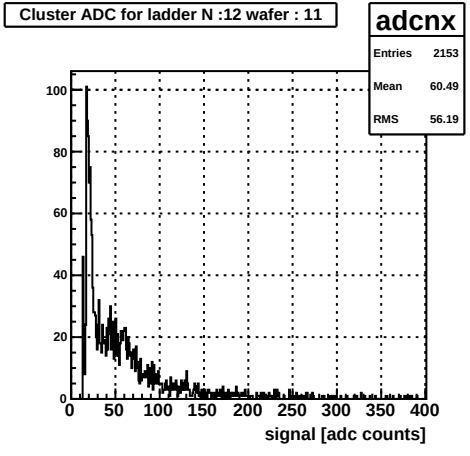

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2717
Mean 58.09
RMS 57.79
signal [adc counts]

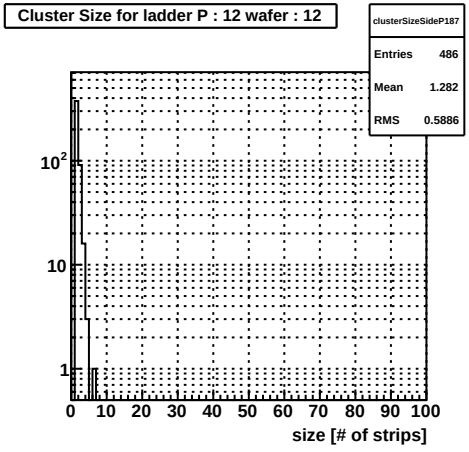

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3050
Mean 1.201
RMS 0.5418
size [# of strips]

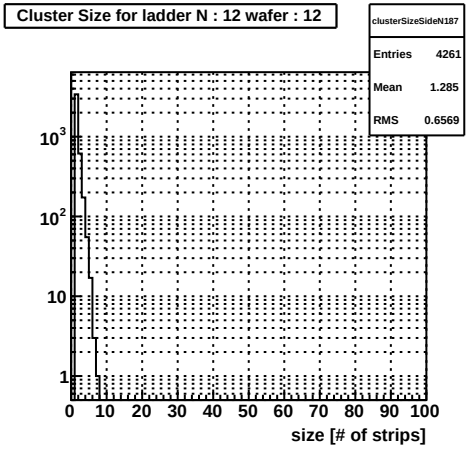

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2153
Mean 1.439
RMS 0.8314
size [# of strips]

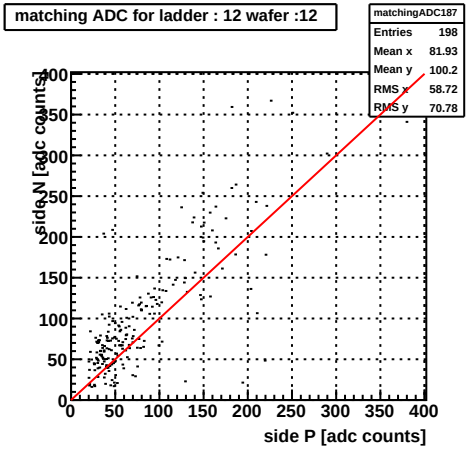

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1298
Mean x 78.78
Mean y 73.25
RMS x 59.66
RMS y 55.08
side N [adc counts]
side P [adc counts]

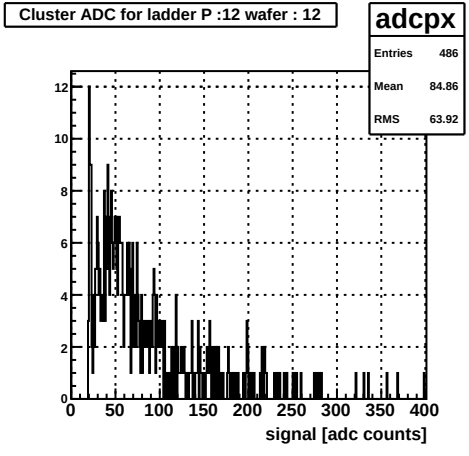

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3050
Mean 52.69
RMS 52.34
signal [adc counts]

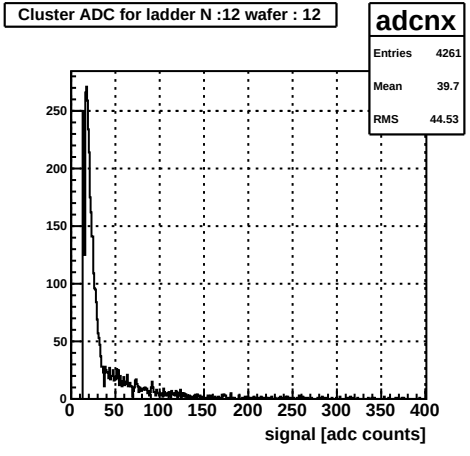

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2153
Mean 60.49
RMS 56.19
signal [adc counts]

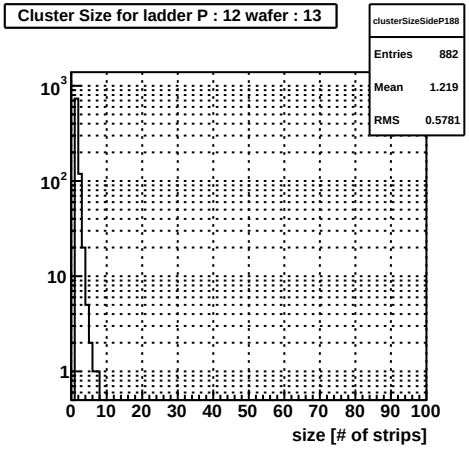

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 486
Mean 1.282
RMS 0.5886
size [# of strips]

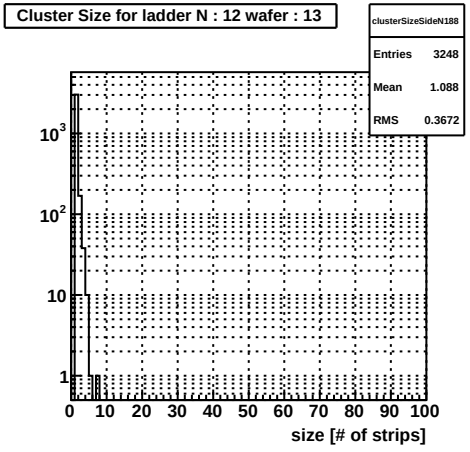

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4261
Mean 1.285
RMS 0.6569
size [# of strips]

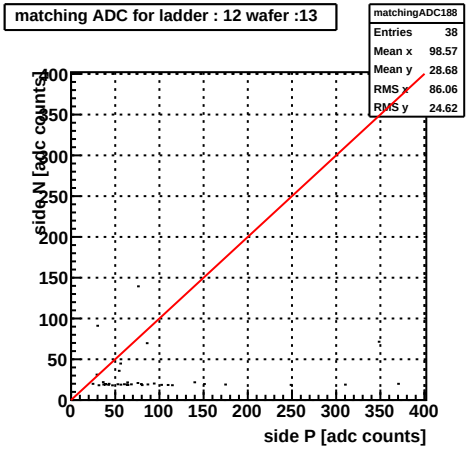

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 198
Mean x 81.93
Mean y 100.2
RMS x 58.72
RMS y 70.78
side N [adc counts]
side P [adc counts]

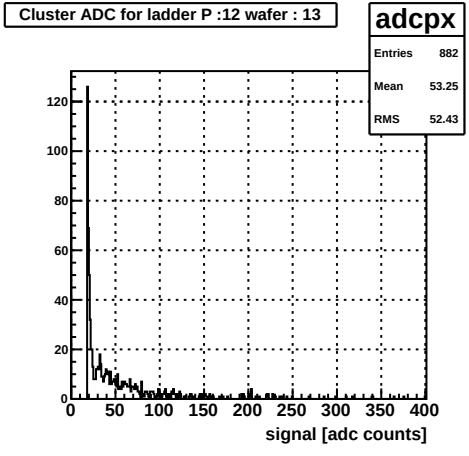

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 486
Mean 84.86
RMS 63.92
signal [adc counts]

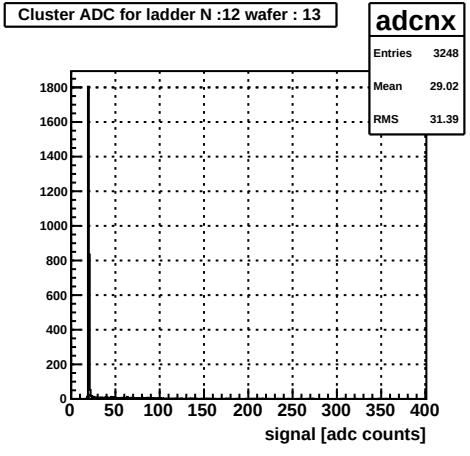

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4261
Mean 39.7
RMS 44.53
signal [adc counts]

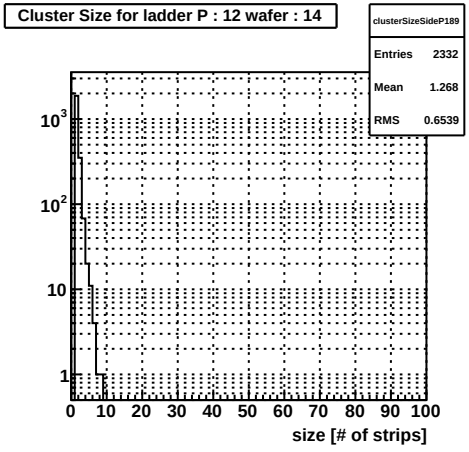

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 882
Mean 1.219
RMS 0.5781
size [# of strips]

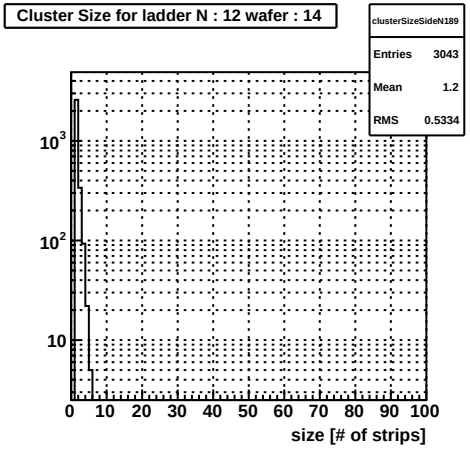

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3248
Mean 1.088
RMS 0.3672
size [# of strips]

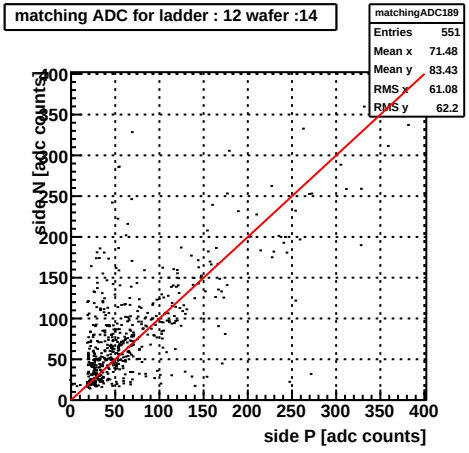

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 38
Mean x 98.57
Mean y 28.68
RMS x 86.06
RMS y 24.62
side N [adc counts]
side P [adc counts]

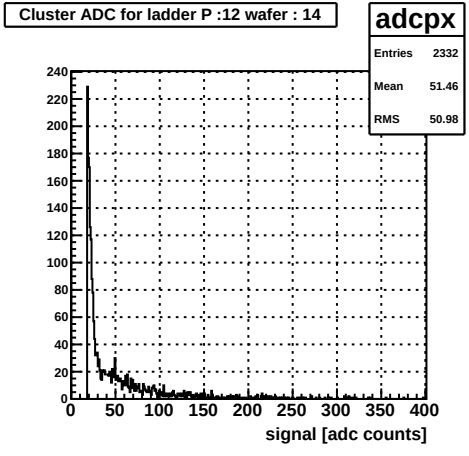

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 882
Mean 53.25
RMS 52.43
signal [adc counts]

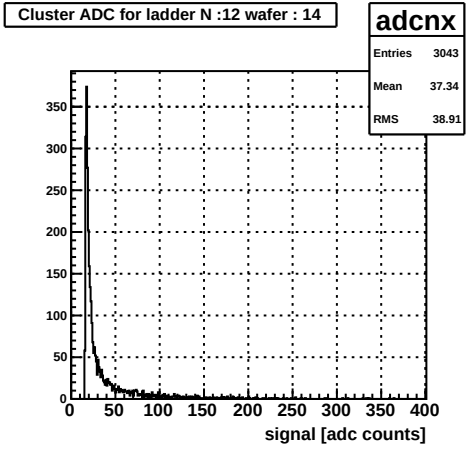

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3248
Mean 29.02
RMS 31.39
signal [adc counts]

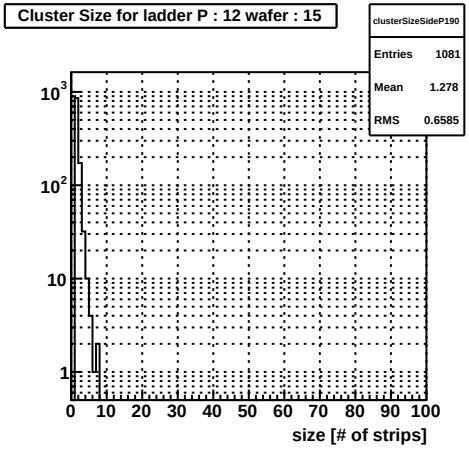

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2332
Mean 1.268
RMS 0.6539
size [# of strips]

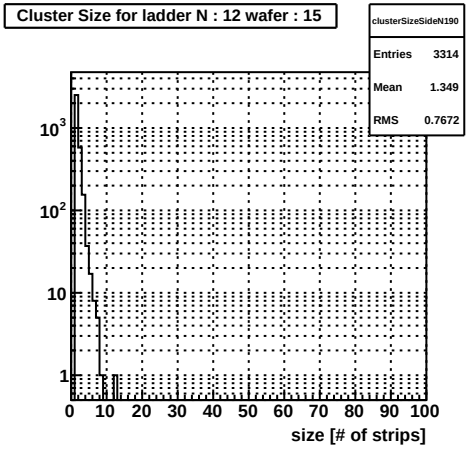

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3043
Mean 1.2
RMS 0.5334
size [# of strips]

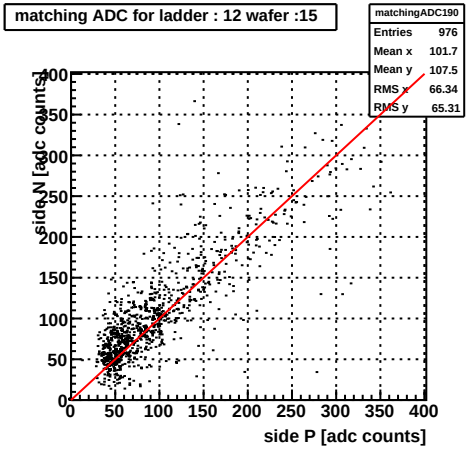

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 551
Mean x 71.48
Mean y 83.43
RMS x 61.08
RMS y 62.2
side N [adc counts]
side P [adc counts]

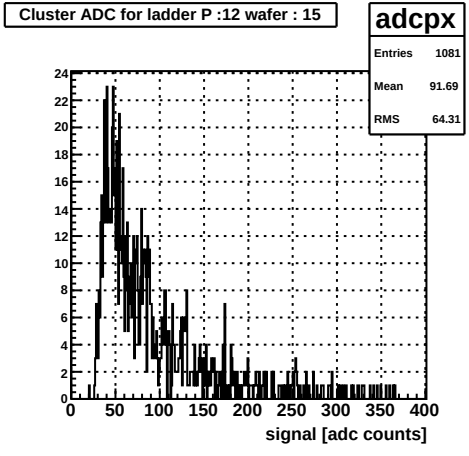

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2332
Mean 51.46
RMS 50.98
signal [adc counts]

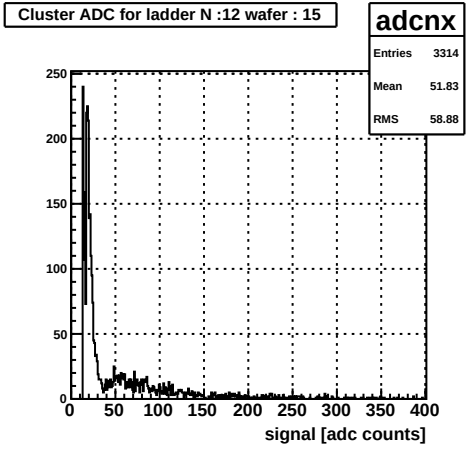

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3043
Mean 37.34
RMS 38.91
signal [adc counts]

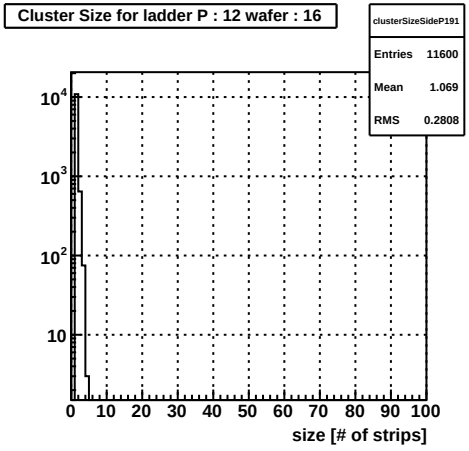

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1081
Mean 1.278
RMS 0.6585
size [# of strips]

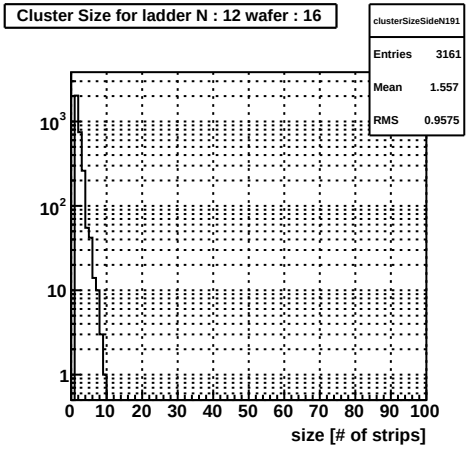

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3314
Mean 1.349
RMS 0.7672
size [# of strips]

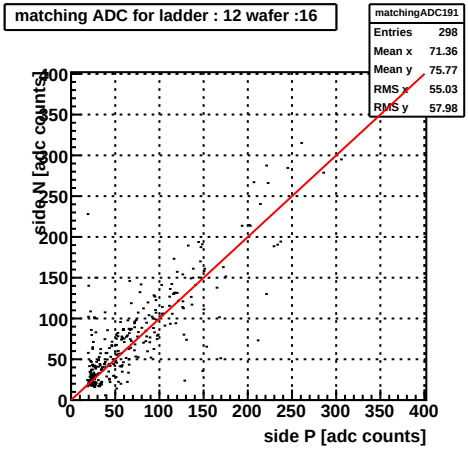

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 976
Mean x 101.7
Mean y 107.5
RMS x 66.34
RMS y 65.31
side N [adc counts]
side P [adc counts]

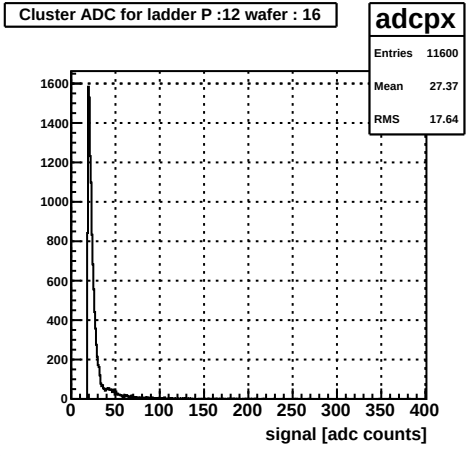

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1081
Mean 91.69
RMS 64.31
signal [adc counts]

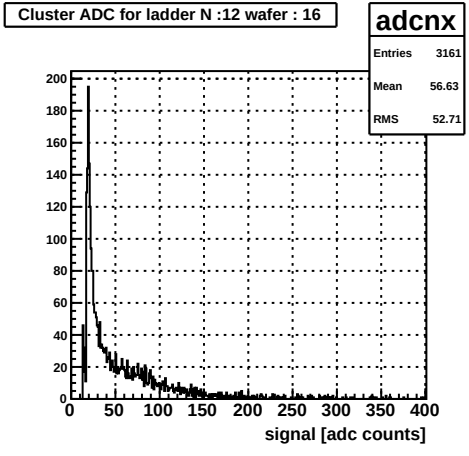

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3314
Mean 51.83
RMS 58.88
signal [adc counts]

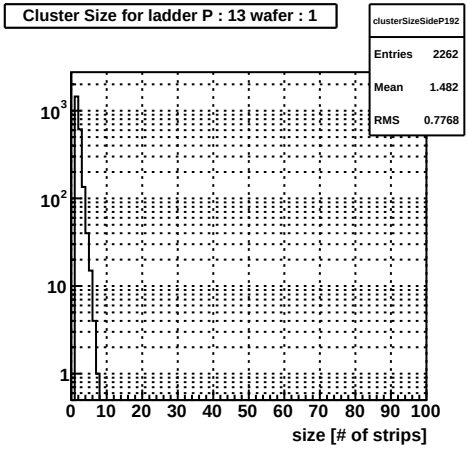

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11600
Mean 1.069
RMS 0.2808
size [# of strips]

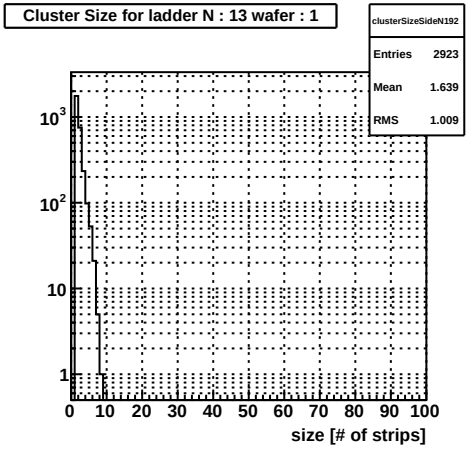

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3161
Mean 1.557
RMS 0.9575
size [# of strips]

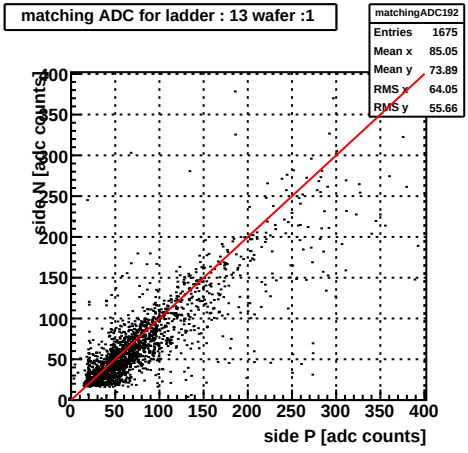

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 298
Mean x 71.36
Mean y 75.77
RMS x 55.03
RMS y 57.98
side N [adc counts]
side P [adc counts]

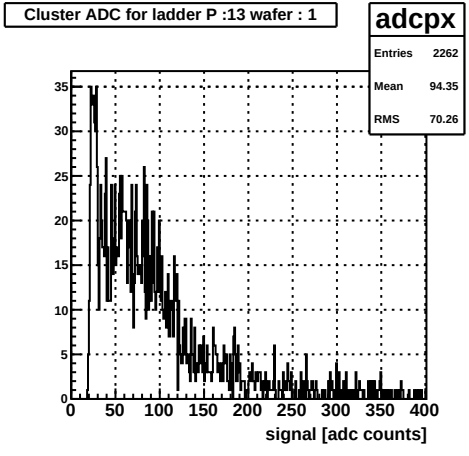

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11600
Mean 27.37
RMS 17.64
signal [adc counts]

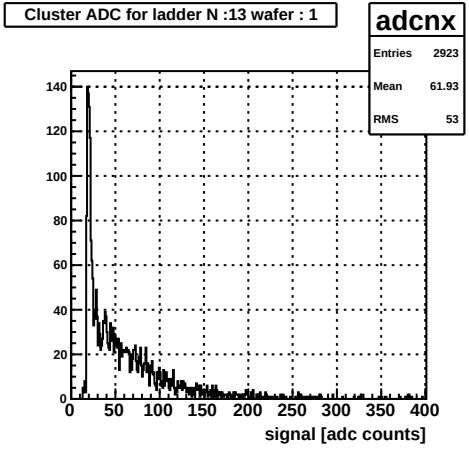

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3161
Mean 56.63
RMS 52.71
signal [adc counts]

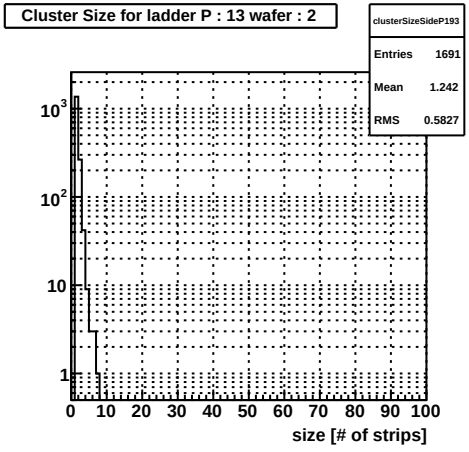

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2262
Mean 1.482
RMS 0.7768
size [# of strips]

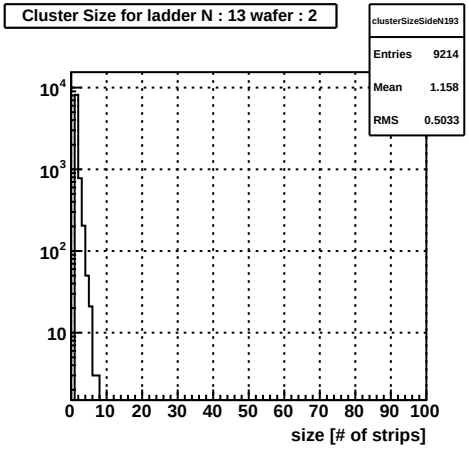

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2923
Mean 1.639
RMS 1.009
size [# of strips]

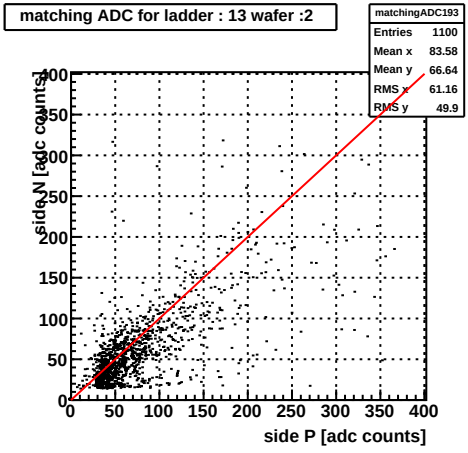

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1675
Mean x 85.05
Mean y 73.89
RMS x 64.05
RMS y 55.66
side N [adc counts]
side P [adc counts]

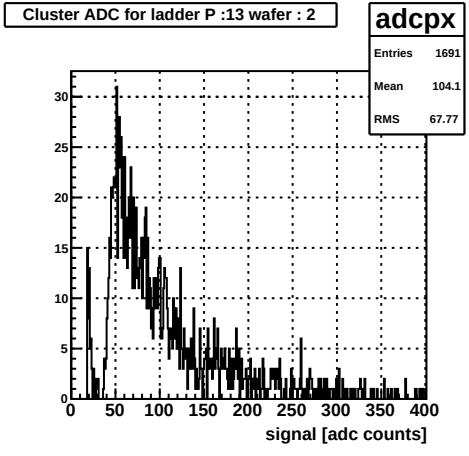

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2262
Mean 94.35
RMS 70.26
signal [adc counts]

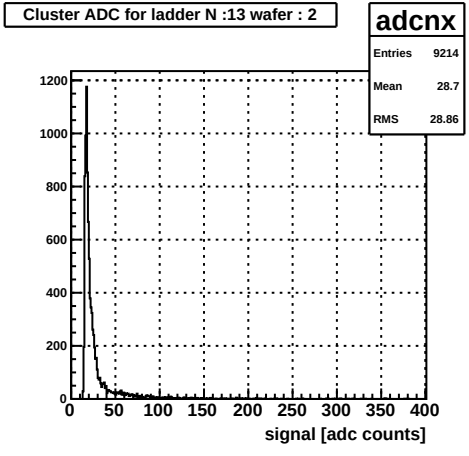

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2923
Mean 61.93
RMS 53
signal [adc counts]

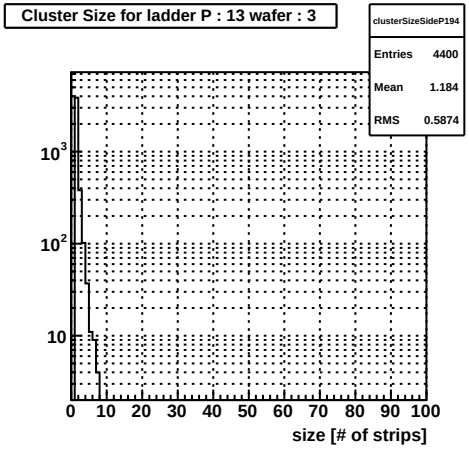

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1691
Mean 1.242
RMS 0.5827
size [# of strips]

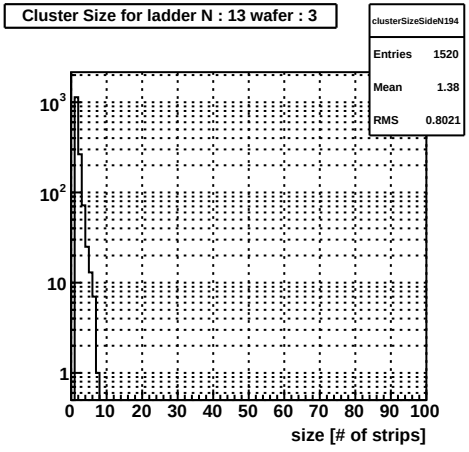

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9214
Mean 1.158
RMS 0.5033
size [# of strips]

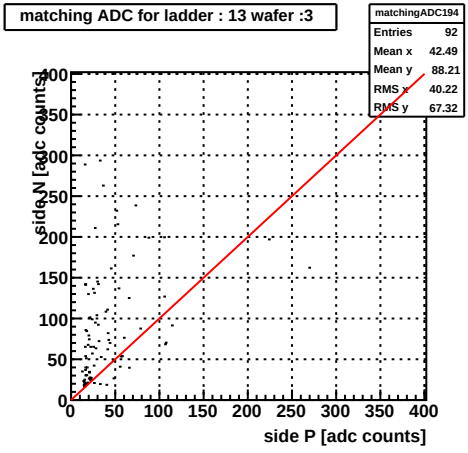

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1100
Mean x 83.58
Mean y 66.64
RMS x 61.16
RMS y 49.9
side N [adc counts]
side P [adc counts]

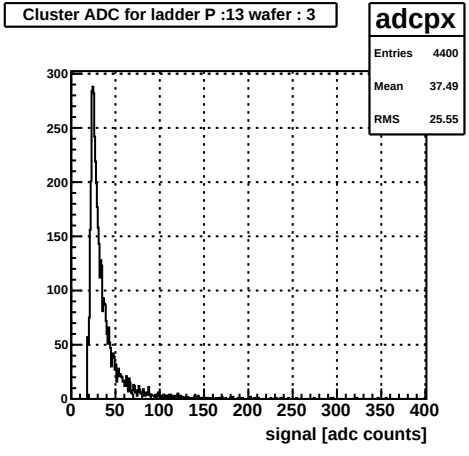

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1691
Mean 104.1
RMS 67.77
signal [adc counts]

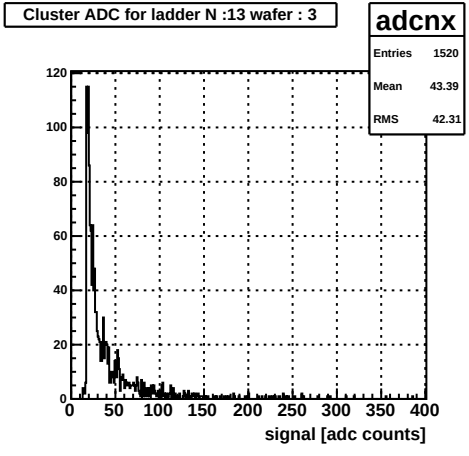

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9214
Mean 28.7
RMS 28.86
signal [adc counts]

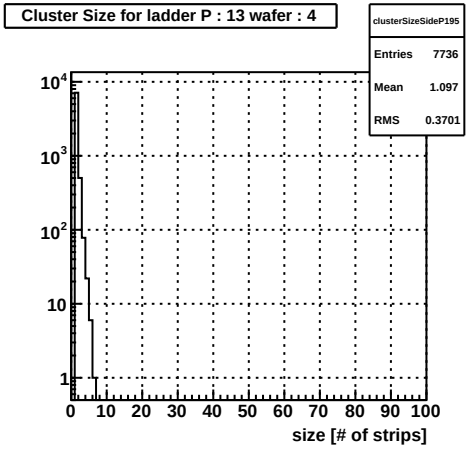

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4400
Mean 1.184
RMS 0.5874
size [# of strips]

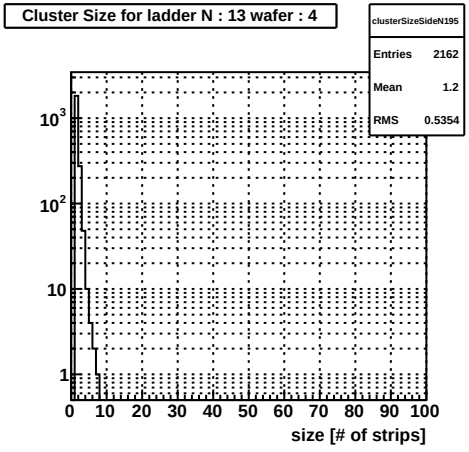

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1520
Mean 1.38
RMS 0.8021
size [# of strips]

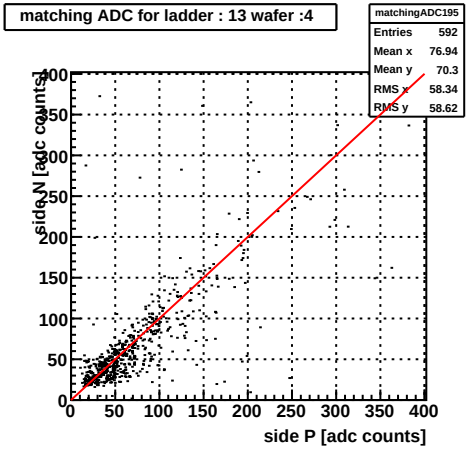

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 92
Mean x 42.49
Mean y 88.21
RMS x 40.22
RMS y 67.32
side N [adc counts]
side P [adc counts]

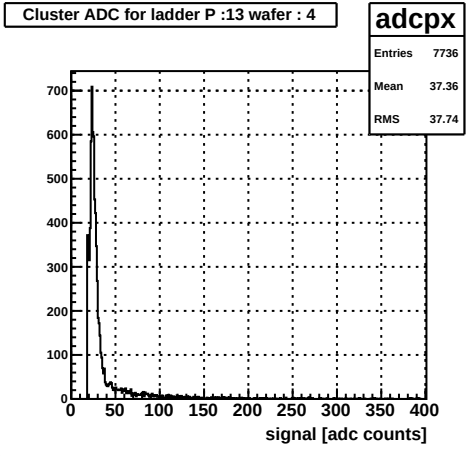

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4400
Mean 37.49
RMS 25.55
signal [adc counts]

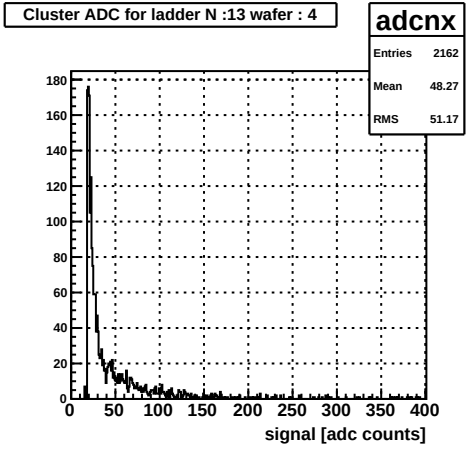

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1520
Mean 43.39
RMS 42.31
signal [adc counts]

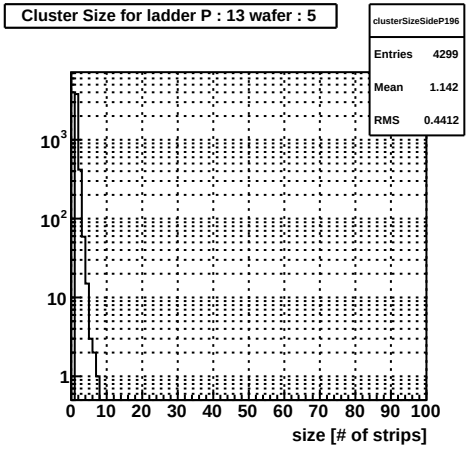

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7736
Mean 1.097
RMS 0.3701
size [# of strips]

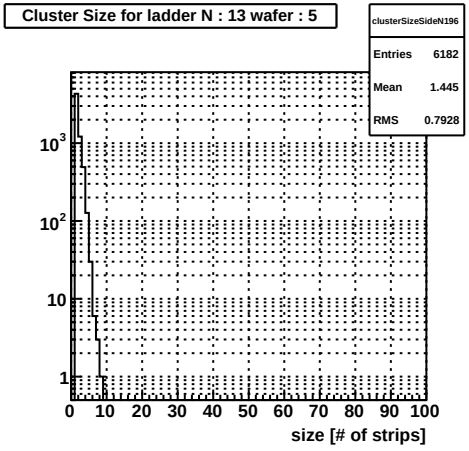

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2162
Mean 1.2
RMS 0.5354
size [# of strips]

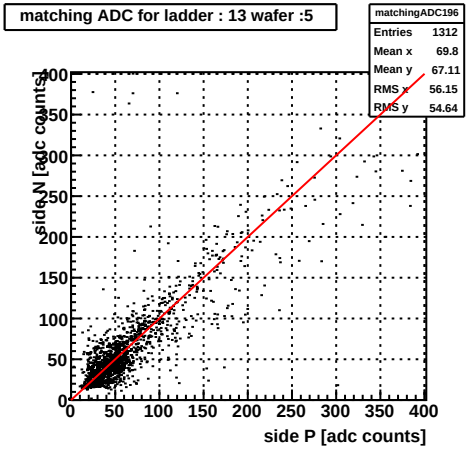

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 592
Mean x 76.94
Mean y 70.3
RMS x 58.34
RMS y 58.62
side N [adc counts]
side P [adc counts]

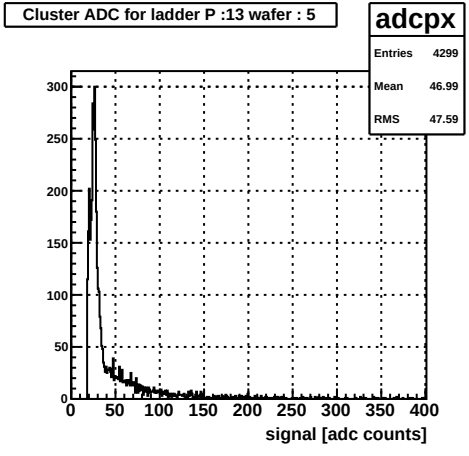

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7736
Mean 37.36
RMS 37.74
signal [adc counts]

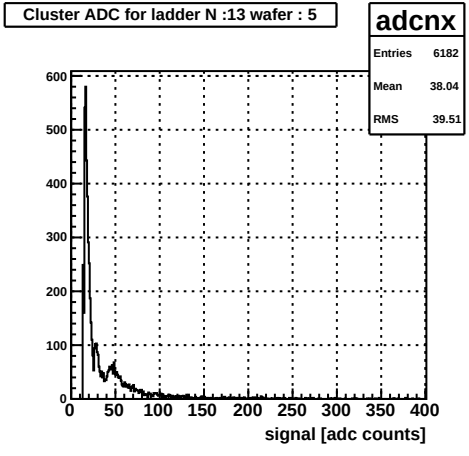

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2162
Mean 48.27
RMS 51.17
signal [adc counts]

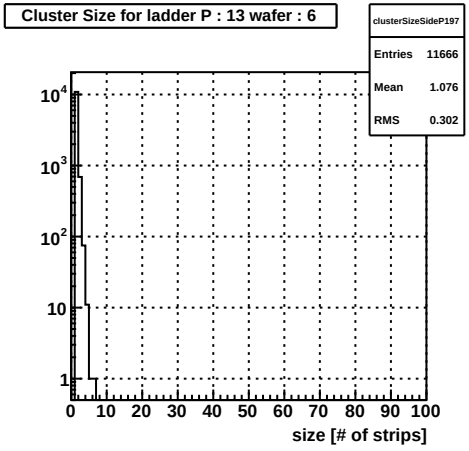

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4299
Mean 1.142
RMS 0.4412
size [# of strips]

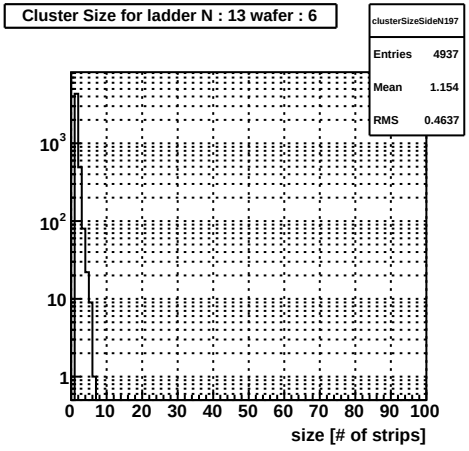

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6182
Mean 1.445
RMS 0.7928
size [# of strips]

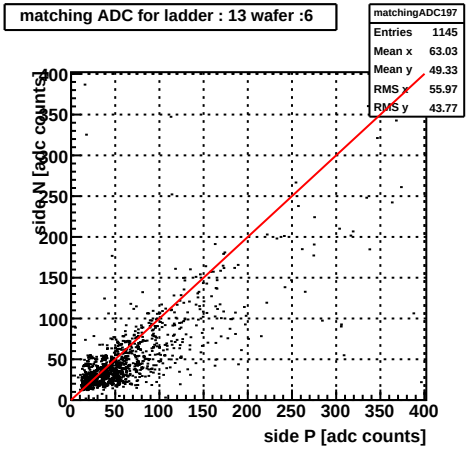

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1312
Mean x 69.8
Mean y 67.11
RMS x 56.15
RMS y 54.64
side N [adc counts]
side P [adc counts]

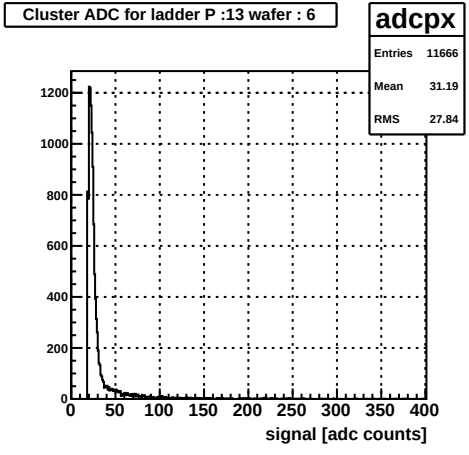

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4299
Mean 46.99
RMS 47.59
signal [adc counts]

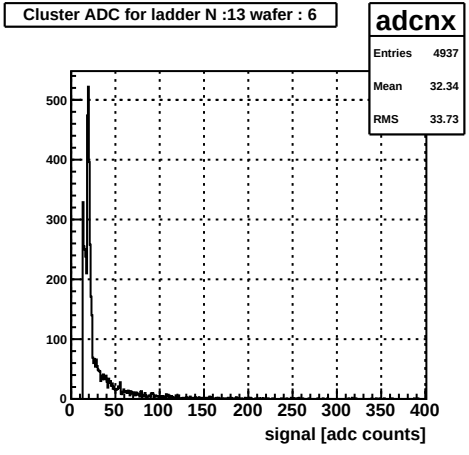

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6182
Mean 38.04
RMS 39.51
signal [adc counts]

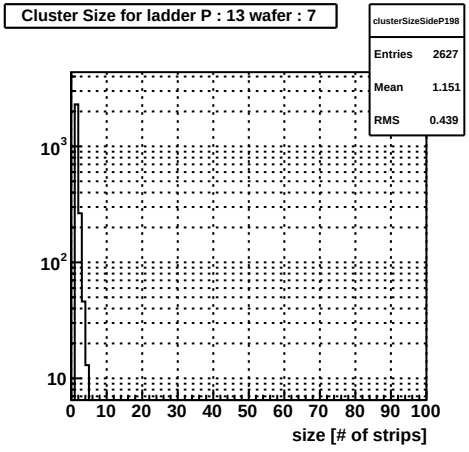

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11666
Mean 1.076
RMS 0.302
size [# of strips]

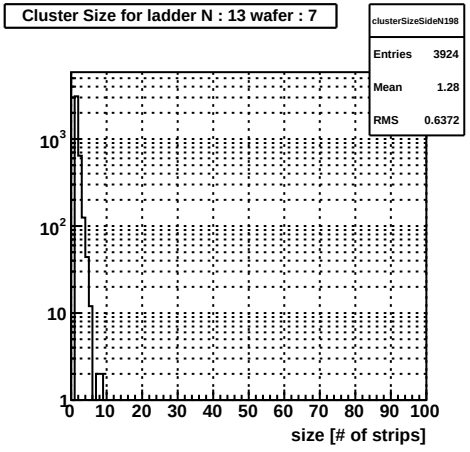

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 4937
Mean 1.154
RMS 0.4637
size [# of strips]

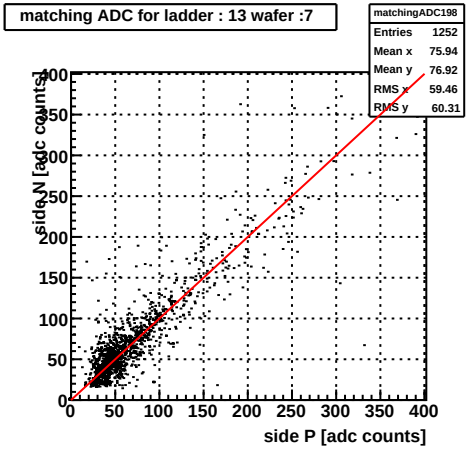

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1145
Mean x 63.03
Mean y 49.33
RMS x 55.97
RMS y 43.77
side N [adc counts]
side P [adc counts]

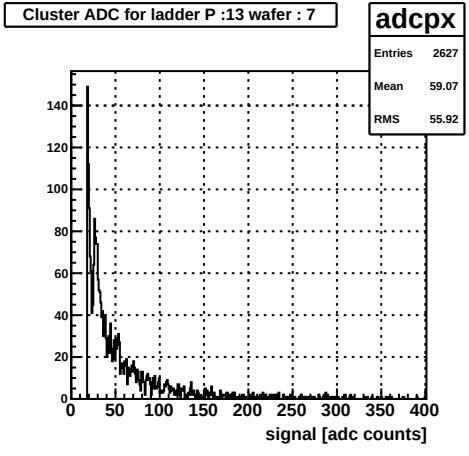

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11666
Mean 31.19
RMS 27.84
signal [adc counts]

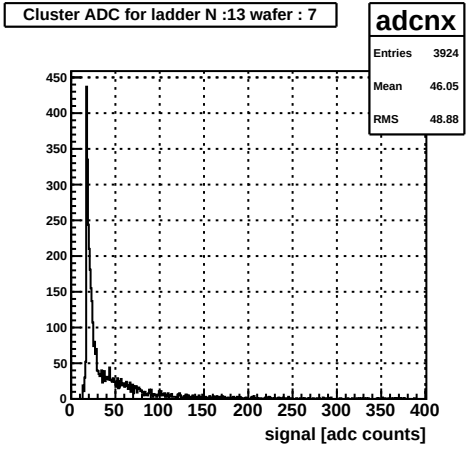

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 4937
Mean 32.34
RMS 33.73
signal [adc counts]

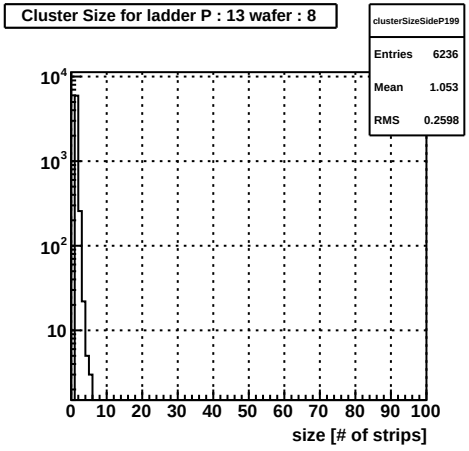

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2627
Mean 1.151
RMS 0.439
size [# of strips]

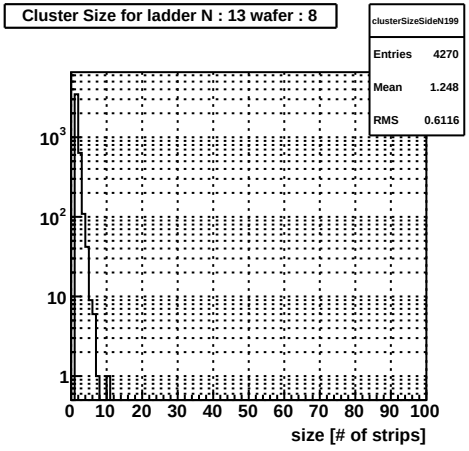

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3924
Mean 1.28
RMS 0.6372
size [# of strips]

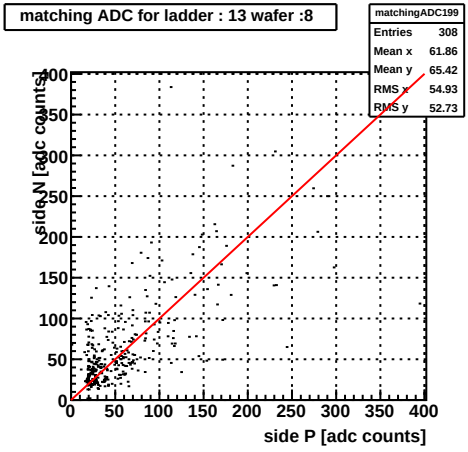

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1252
Mean x 75.94
Mean y 76.92
RMS x 59.46
RMS y 60.31
side N [adc counts]
side P [adc counts]

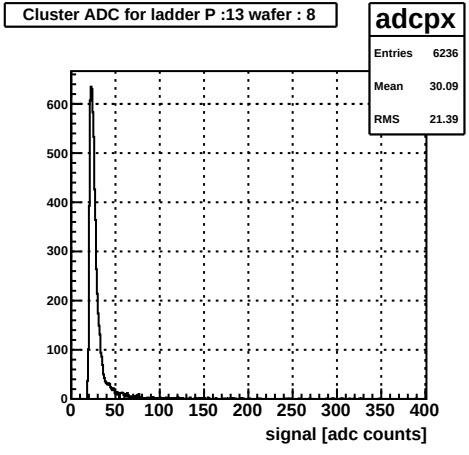

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2627
Mean 59.07
RMS 55.92
signal [adc counts]

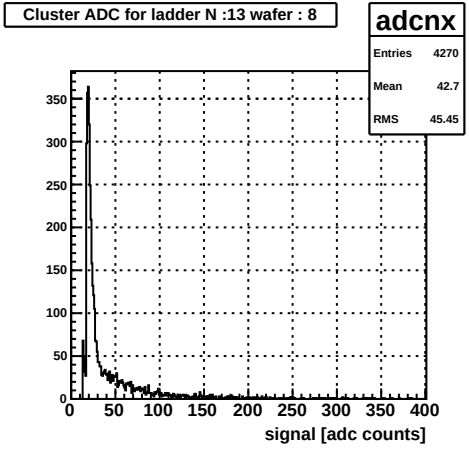

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3924
Mean 46.05
RMS 48.88
signal [adc counts]

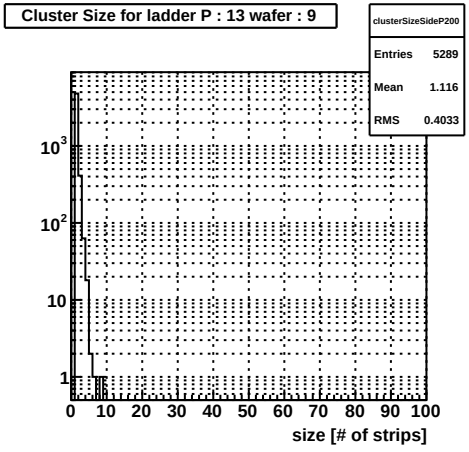

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6236
Mean 1.053
RMS 0.2598
size [# of strips]

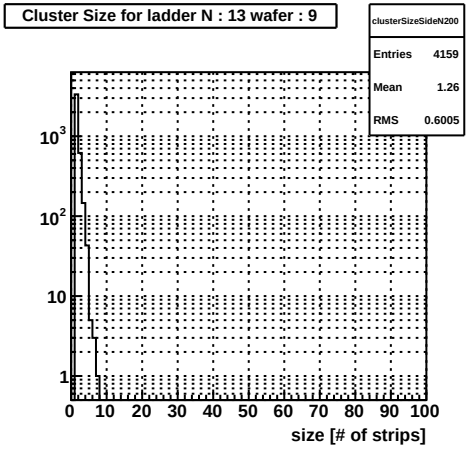

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4270
Mean 1.248
RMS 0.6116
size [# of strips]

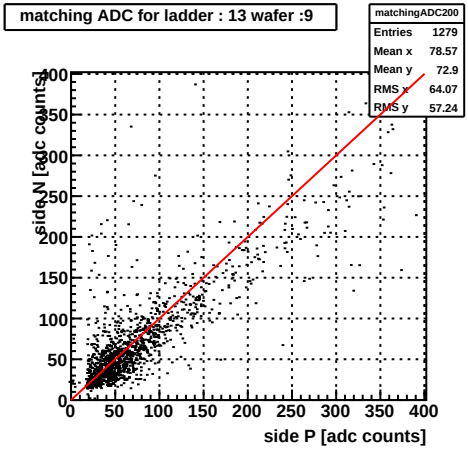

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 308
Mean x 61.86
Mean y 65.42
RMS x 54.93
RMS y 52.73
side N [adc counts]
side P [adc counts]

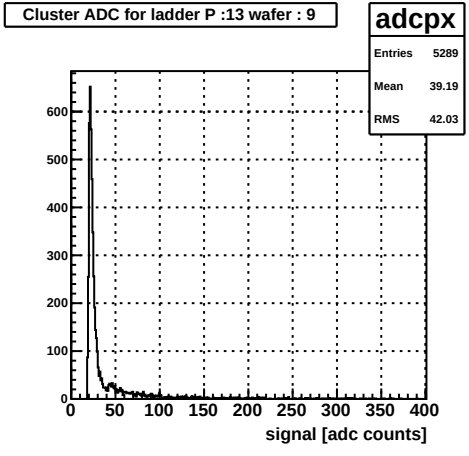

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6236
Mean 30.09
RMS 21.39
signal [adc counts]

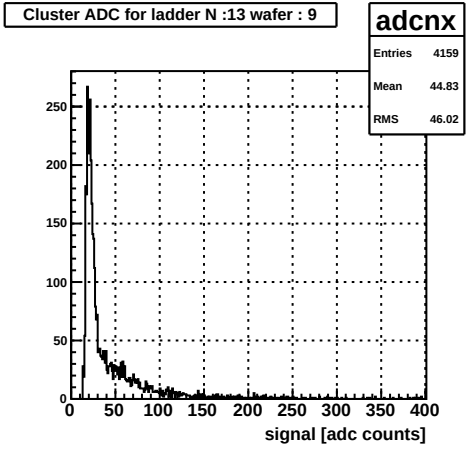

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4270
Mean 42.7
RMS 45.45
signal [adc counts]

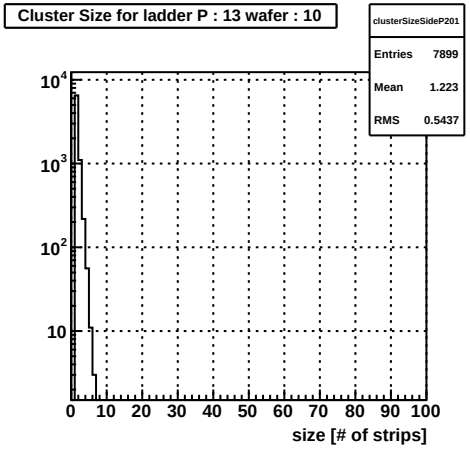

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5289
Mean 1.116
RMS 0.4033
size [# of strips]

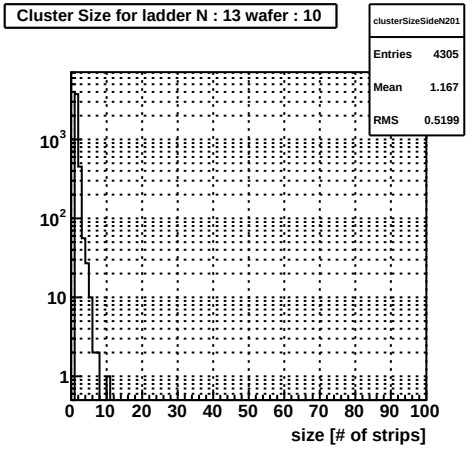

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4159
Mean 1.26
RMS 0.6005
size [# of strips]

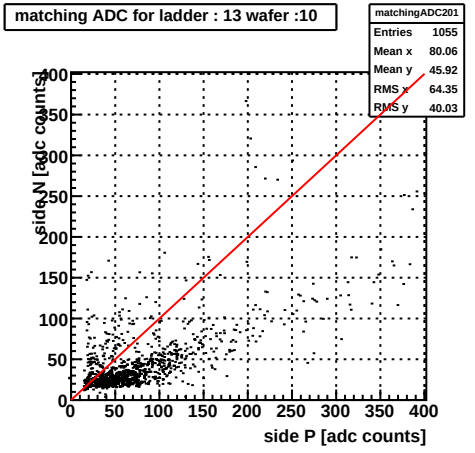

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1279
Mean x 78.57
Mean y 72.9
RMS x 64.07
RMS y 57.24
side N [adc counts]
side P [adc counts]

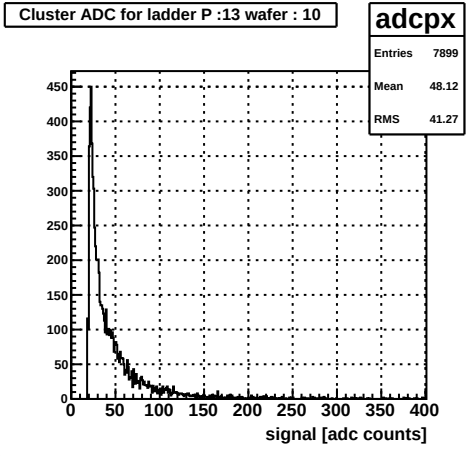

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5289
Mean 39.19
RMS 42.03
signal [adc counts]

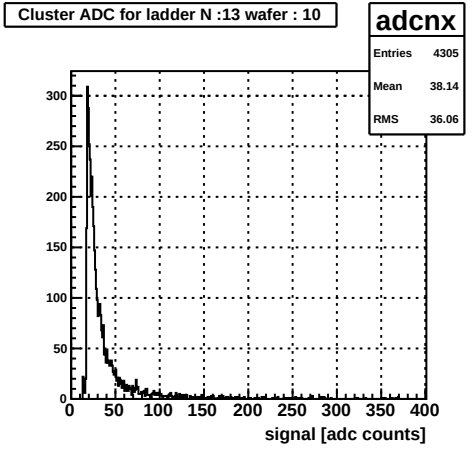

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4159
Mean 44.83
RMS 46.02
signal [adc counts]

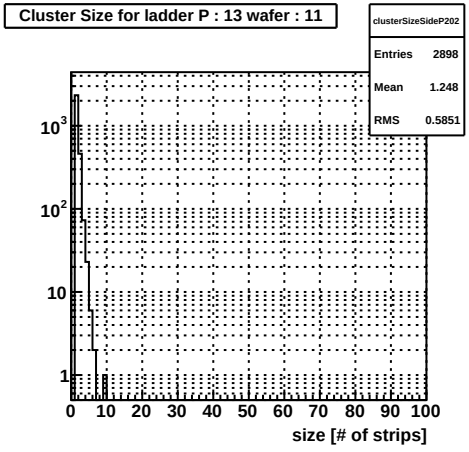

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7899
Mean 1.223
RMS 0.5437
size [# of strips]

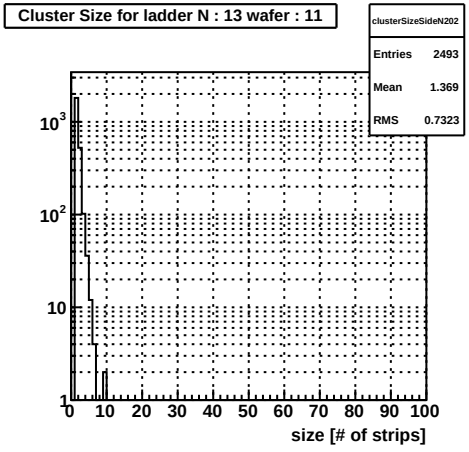

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4305
Mean 1.167
RMS 0.5199
size [# of strips]

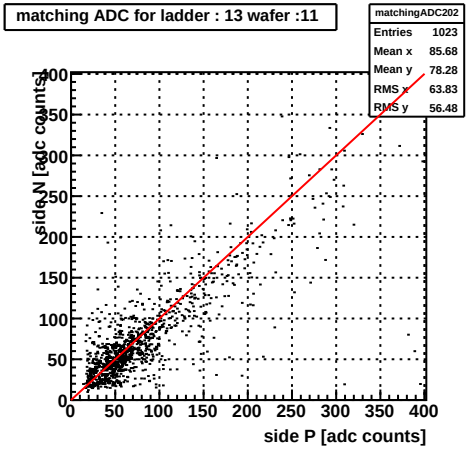

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1055
Mean x 80.06
Mean y 45.92
RMS x 64.35
RMS y 40.03
side N [adc counts]
side P [adc counts]

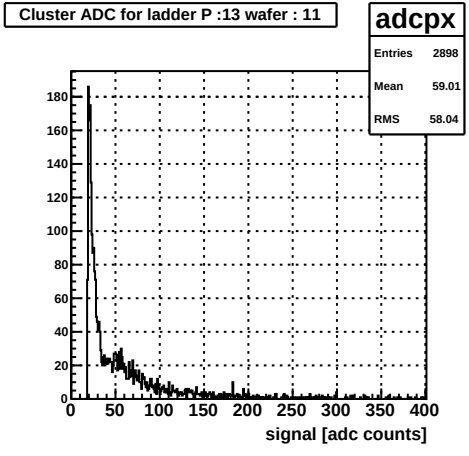

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7899
Mean 48.12
RMS 41.27
signal [adc counts]

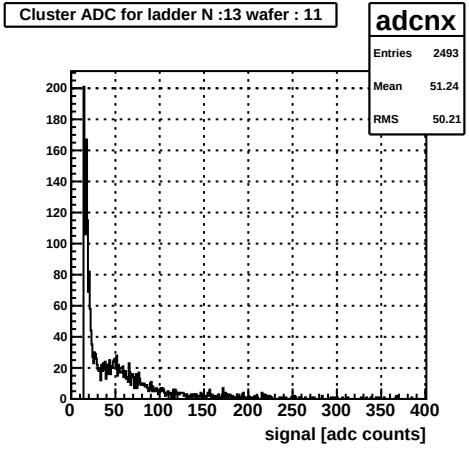

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4305
Mean 38.14
RMS 36.06
signal [adc counts]

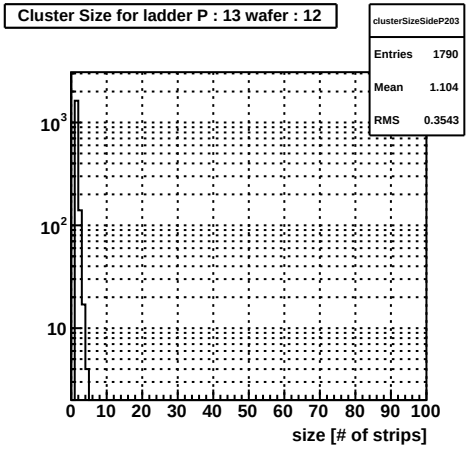

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2898
Mean 1.248
RMS 0.5851
size [# of strips]

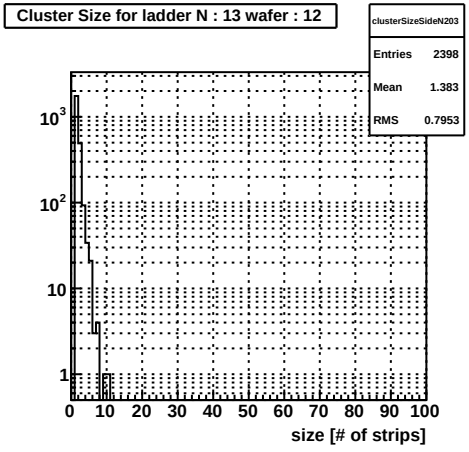

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2493
Mean 1.369
RMS 0.7323
size [# of strips]

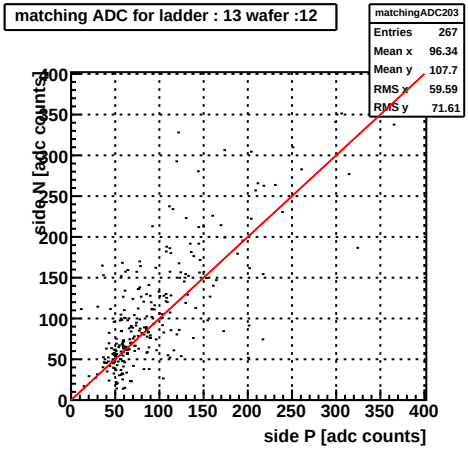

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1023
Mean x 85.68
Mean y 78.28
RMS x 63.83
RMS y 56.48
side N [adc counts]
side P [adc counts]

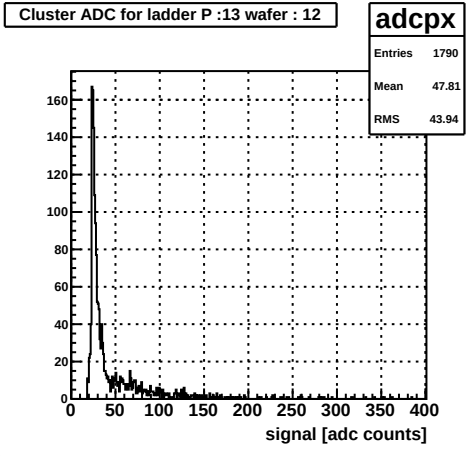

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2898
Mean 59.01
RMS 58.04
signal [adc counts]

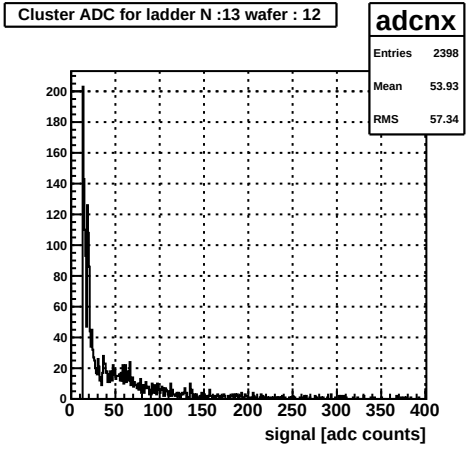

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2493
Mean 51.24
RMS 50.21
signal [adc counts]

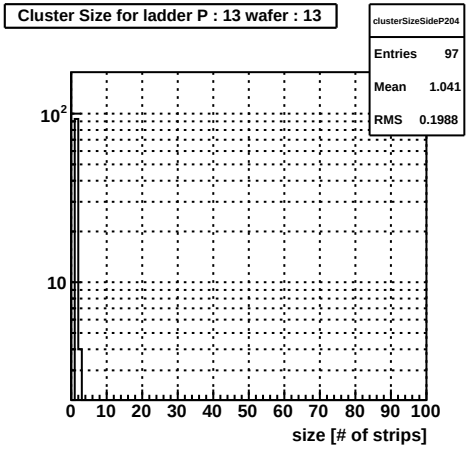

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1790
Mean 1.104
RMS 0.3543
size [# of strips]

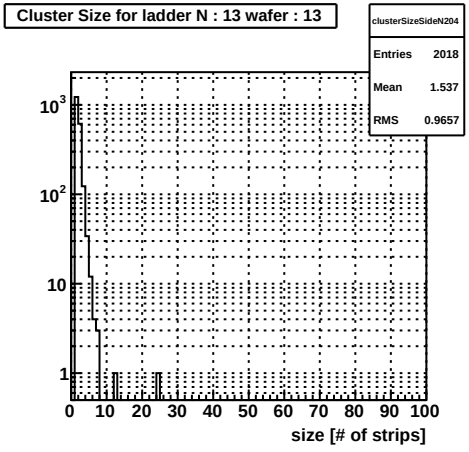

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2398
Mean 1.383
RMS 0.7953
size [# of strips]

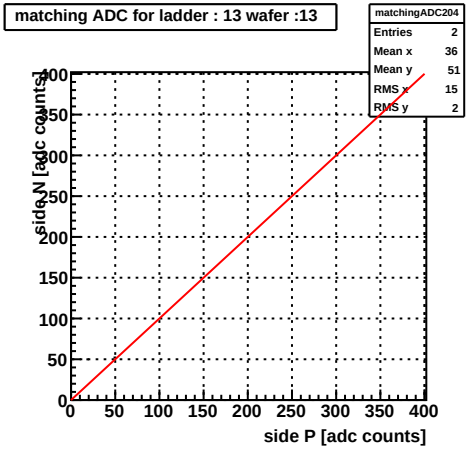

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 267
Mean x 96.34
Mean y 107.7
RMS x 59.59
RMS y 71.61
side N [adc counts]
side P [adc counts]

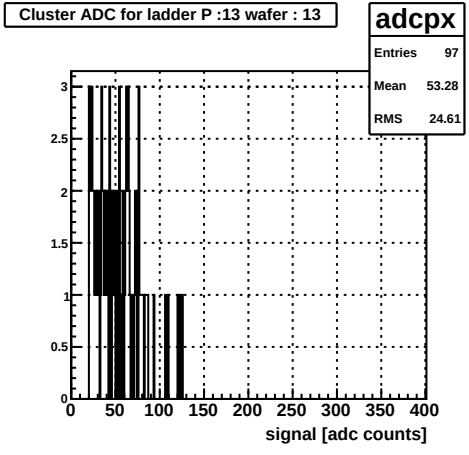

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1790
Mean 47.81
RMS 43.94
signal [adc counts]

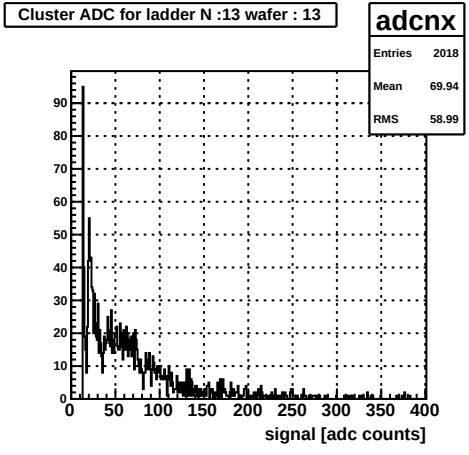

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2398
Mean 53.93
RMS 57.34
signal [adc counts]

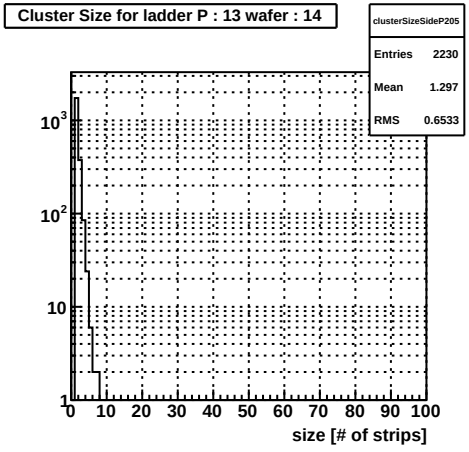

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 97
Mean 1.041
RMS 0.1988
size [# of strips]

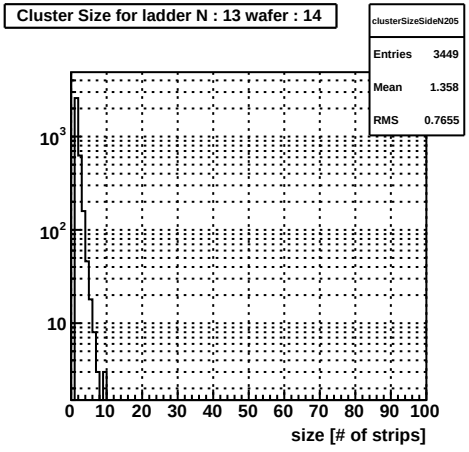

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2018
Mean 1.537
RMS 0.9657
size [# of strips]

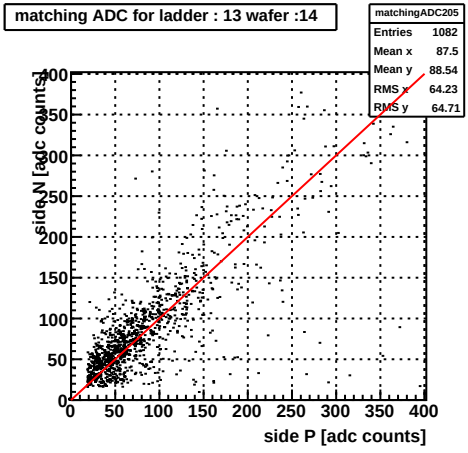

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 36
Mean y 51
RMS x 15
RMS y 2
side N [adc counts]
side P [adc counts]

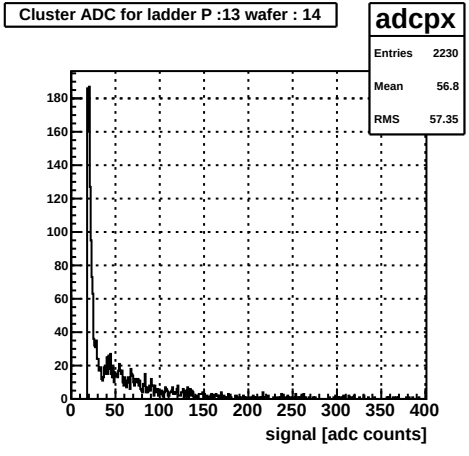

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 97
Mean 53.28
RMS 24.61
signal [adc counts]

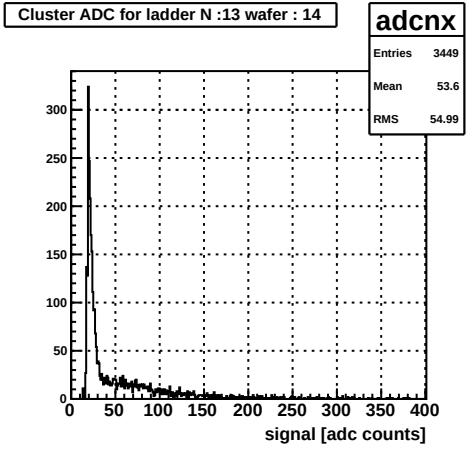

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2018
Mean 69.94
RMS 58.99
signal [adc counts]

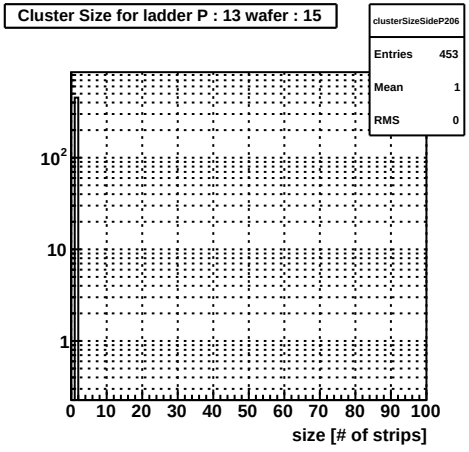

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2230
Mean 1.297
RMS 0.6533
size [# of strips]

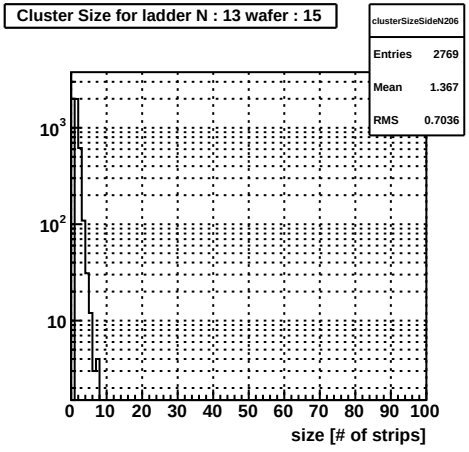

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3449
Mean 1.358
RMS 0.7655
size [# of strips]

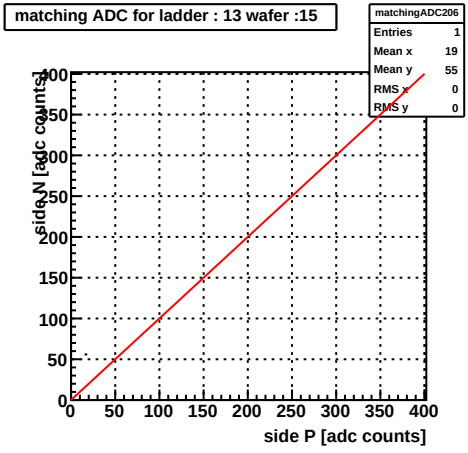

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1082
Mean x 87.5
Mean y 88.54
RMS x 64.23
RMS y 64.71
side N [adc counts]
side P [adc counts]

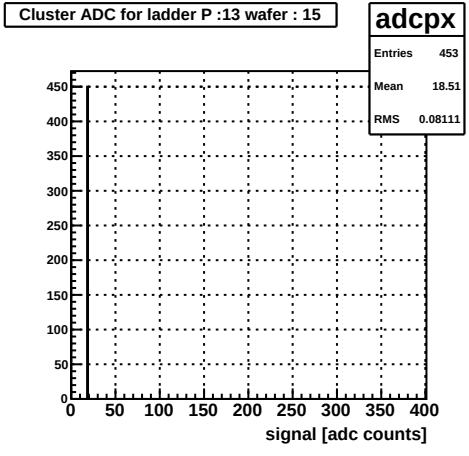

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2230
Mean 56.8
RMS 57.35
signal [adc counts]

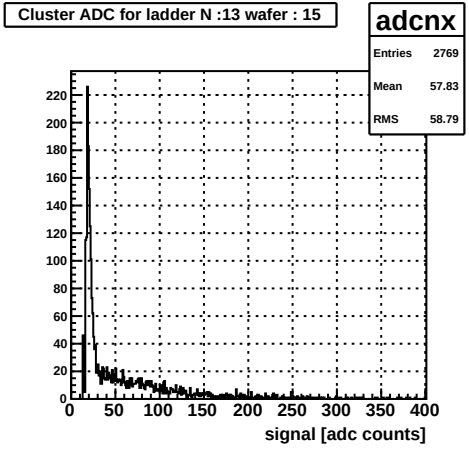

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3449
Mean 53.6
RMS 54.99
signal [adc counts]

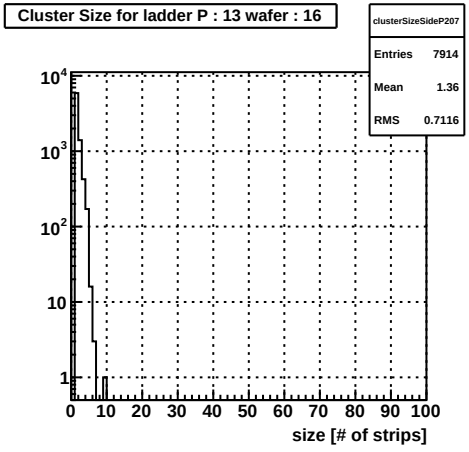

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 453
Mean 1
RMS 0
size [# of strips]

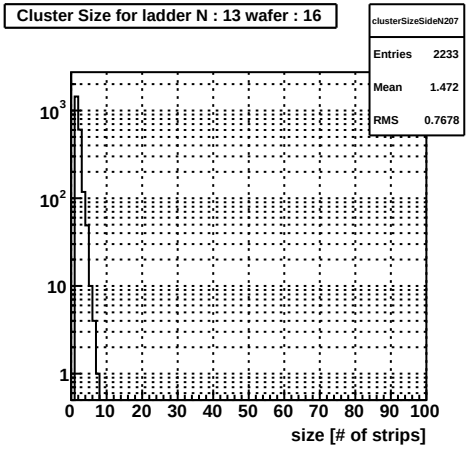

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2769
Mean 1.367
RMS 0.7036
size [# of strips]

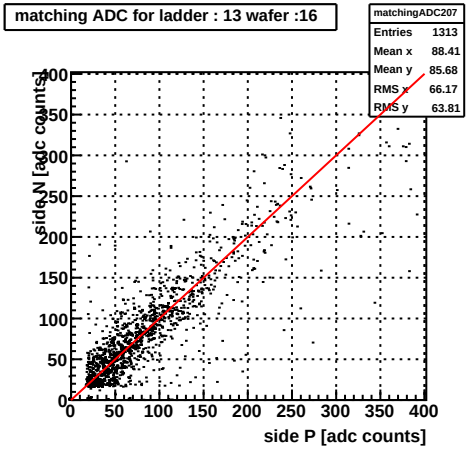

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1
Mean x 19
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

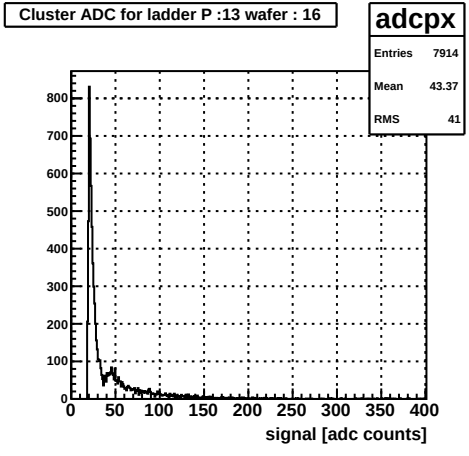

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 453
Mean 18.51
RMS 0.08111
signal [adc counts]

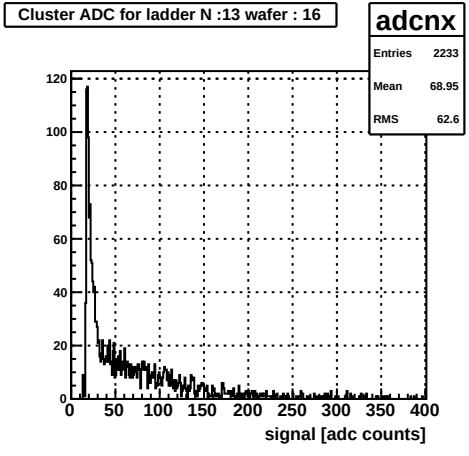

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2769
Mean 57.83
RMS 58.79
signal [adc counts]

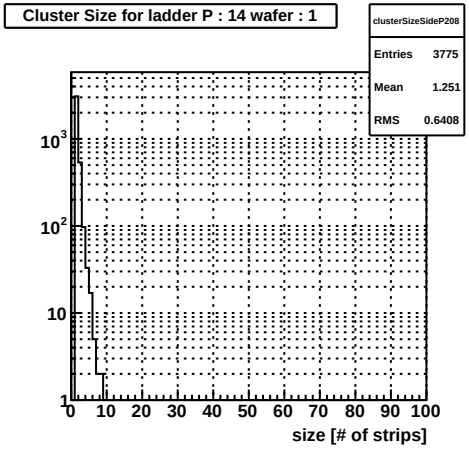

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 7914
Mean 1.36
RMS 0.7116
size [# of strips]

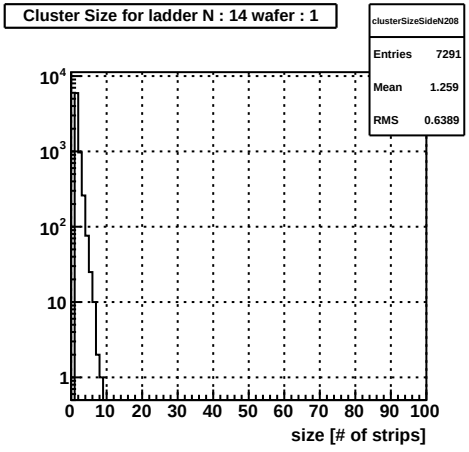

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2233
Mean 1.472
RMS 0.7678
size [# of strips]

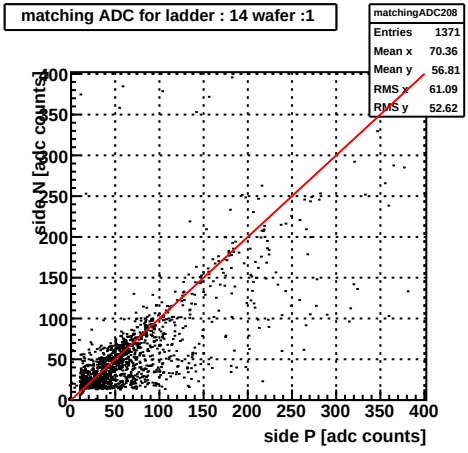

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1313
Mean x 88.41
Mean y 85.68
RMS x 66.17
RMS y 63.81
side N [adc counts]
side P [adc counts]

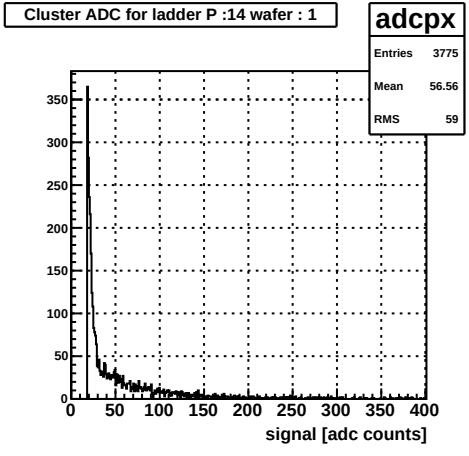

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 7914
Mean 43.37
RMS 41
signal [adc counts]

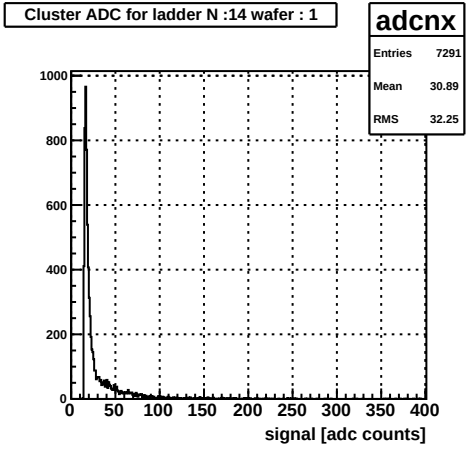

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2233
Mean 68.95
RMS 62.6
signal [adc counts]

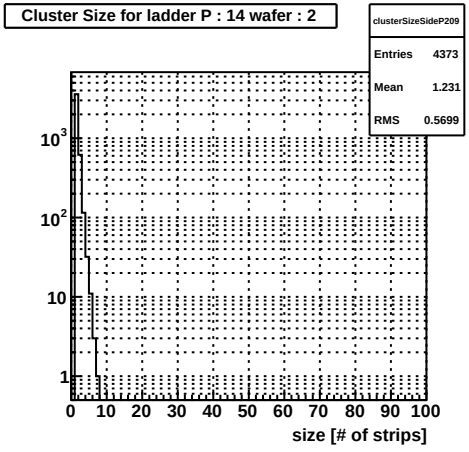

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3775
Mean 1.251
RMS 0.6408
size [# of strips]

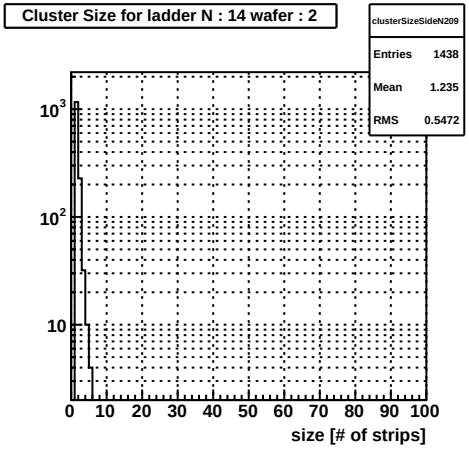

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7291
Mean 1.259
RMS 0.6389
size [# of strips]

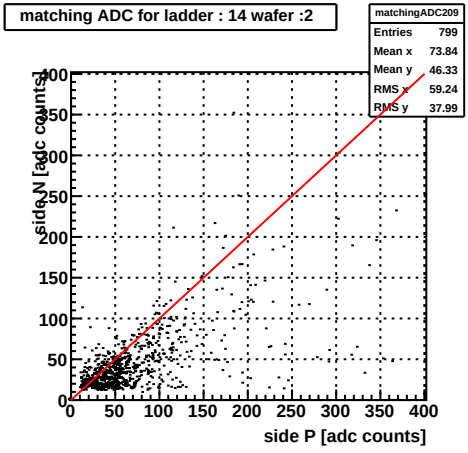

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1371
Mean x 70.36
Mean y 56.81
RMS x 61.09
RMS y 52.62
side N [adc counts]
side P [adc counts]

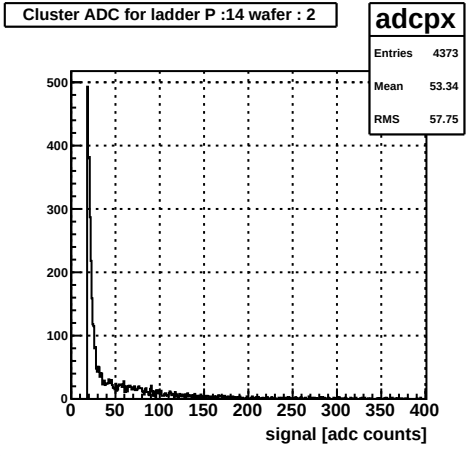

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3775
Mean 56.56
RMS 59
signal [adc counts]

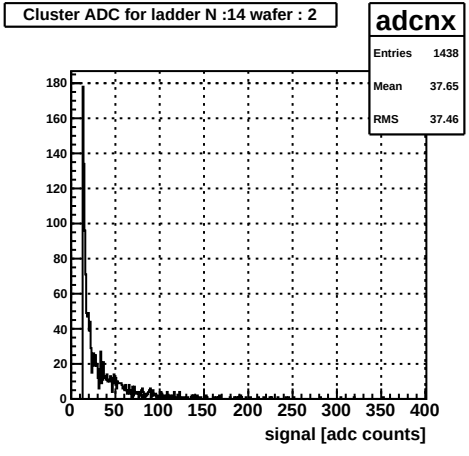

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7291
Mean 30.89
RMS 32.25
signal [adc counts]

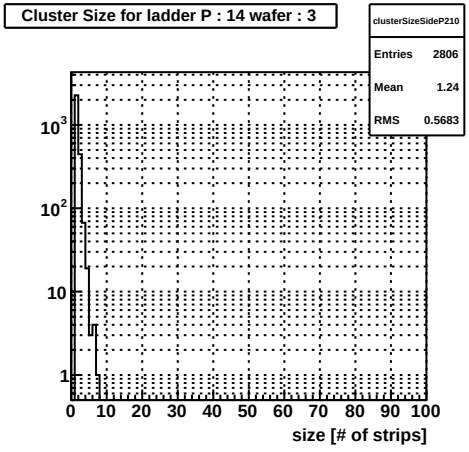

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4373
Mean 1.231
RMS 0.5699
size [# of strips]

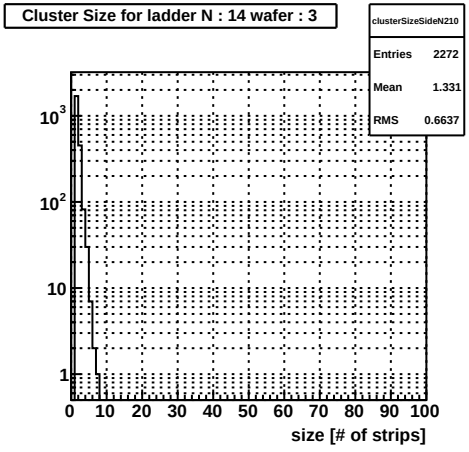

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1438
Mean 1.235
RMS 0.5472
size [# of strips]

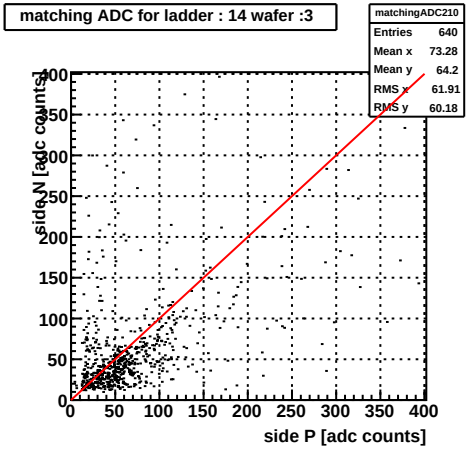

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 799
Mean x 73.84
Mean y 46.33
RMS x 59.24
RMS y 37.99
side N [adc counts]
side P [adc counts]

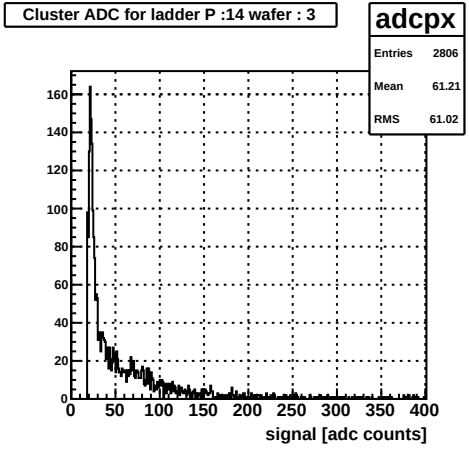

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4373
Mean 53.34
RMS 57.75
signal [adc counts]

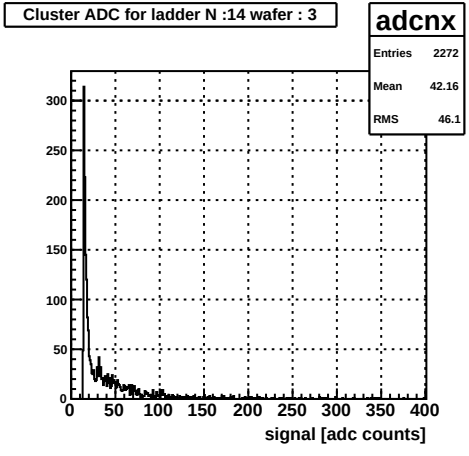

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1438
Mean 37.65
RMS 37.46
signal [adc counts]

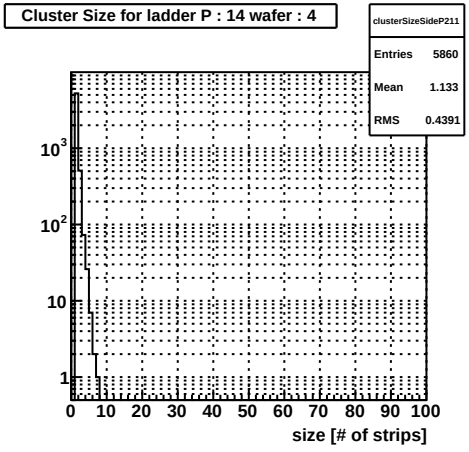

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2806
Mean 1.24
RMS 0.5683
size [# of strips]

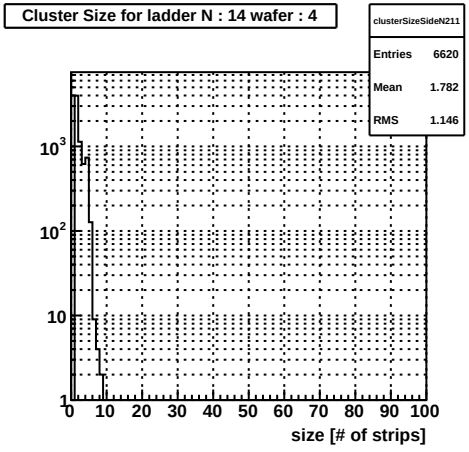

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2272
Mean 1.331
RMS 0.6637
size [# of strips]

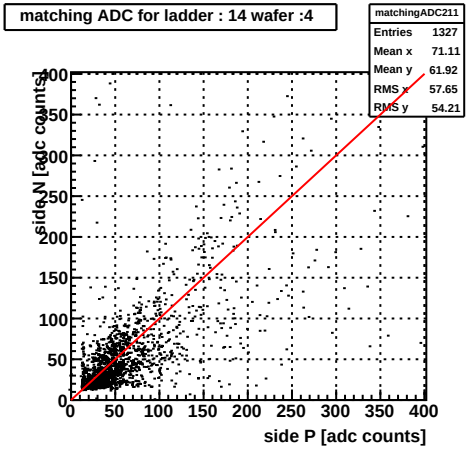

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 640
Mean x 73.28
Mean y 64.2
RMS x 61.91
RMS y 60.18
side N [adc counts]
side P [adc counts]

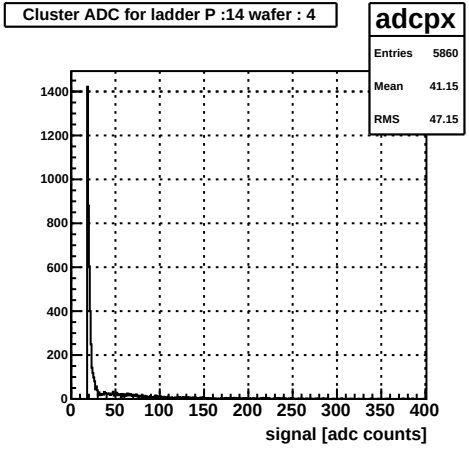

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2806
Mean 61.21
RMS 61.02
signal [adc counts]

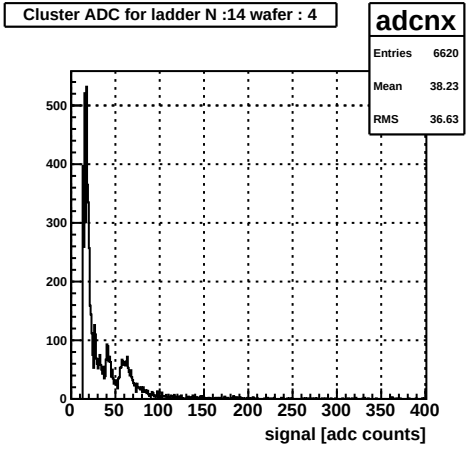

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2272
Mean 42.16
RMS 46.1
signal [adc counts]

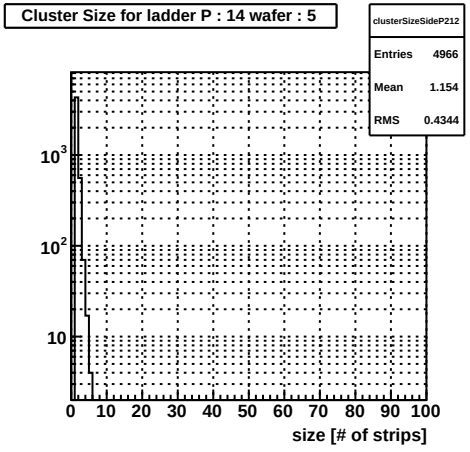

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5860
Mean 1.133
RMS 0.4391
size [# of strips]

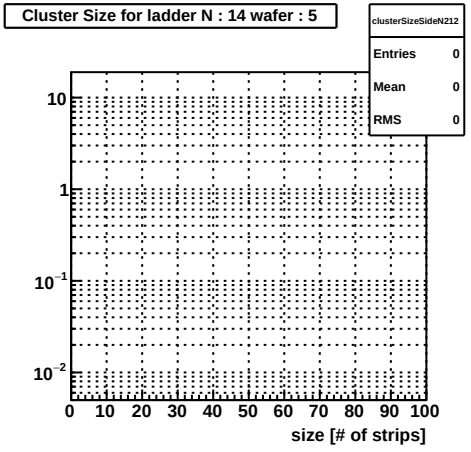

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6620
Mean 1.782
RMS 1.146
size [# of strips]

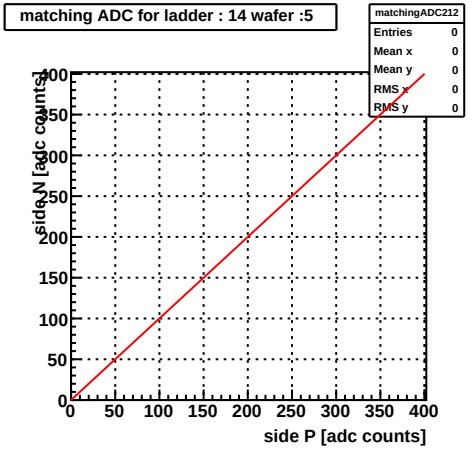

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1327
Mean x 71.11
Mean y 61.92
RMS x 57.65
RMS y 54.21
side N [adc counts]
side P [adc counts]

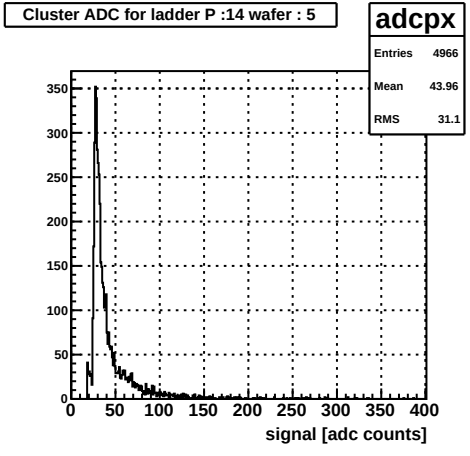

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5860
Mean 41.15
RMS 47.15
signal [adc counts]

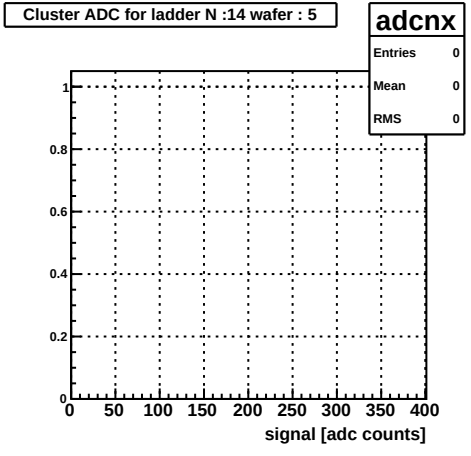

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6620
Mean 38.23
RMS 36.63
signal [adc counts]

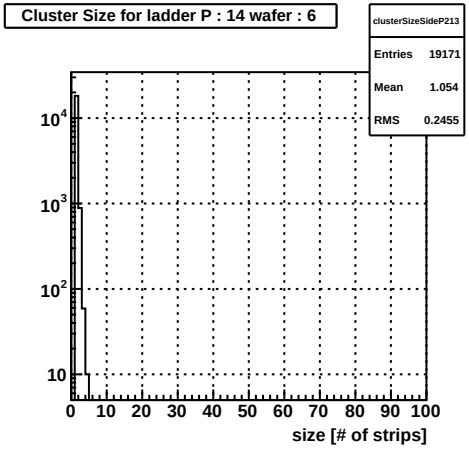

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4966
Mean 1.154
RMS 0.4344
size [# of strips]

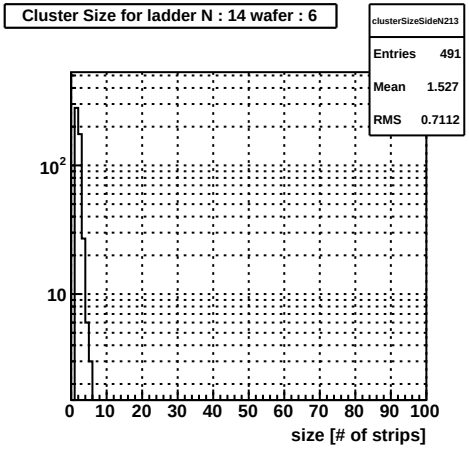

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

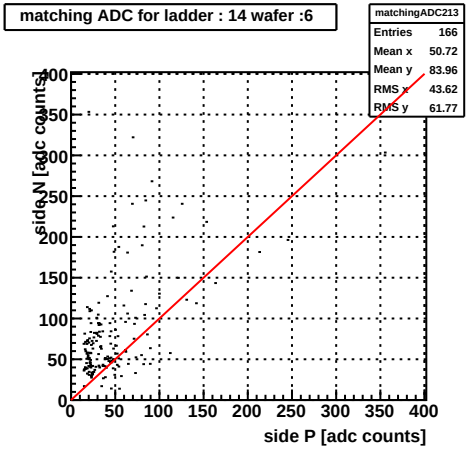

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

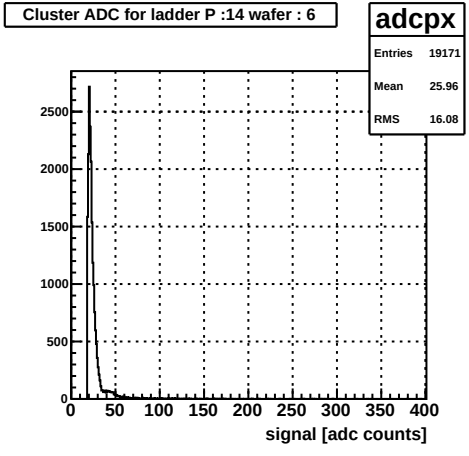

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4966
Mean 43.96
RMS 31.1
signal [adc counts]

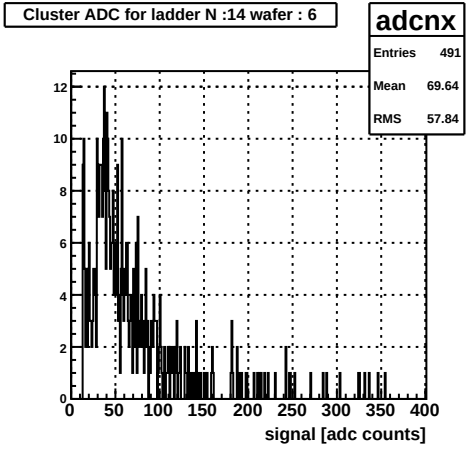

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

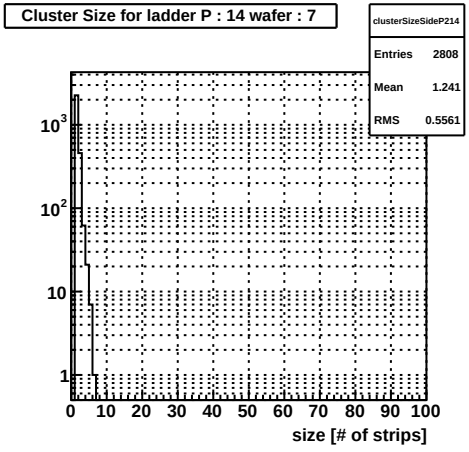

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19171
Mean 1.054
RMS 0.2455
size [# of strips]

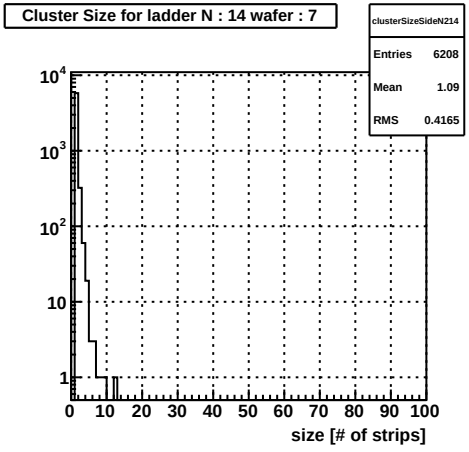

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 491
Mean 1.527
RMS 0.7112
size [# of strips]

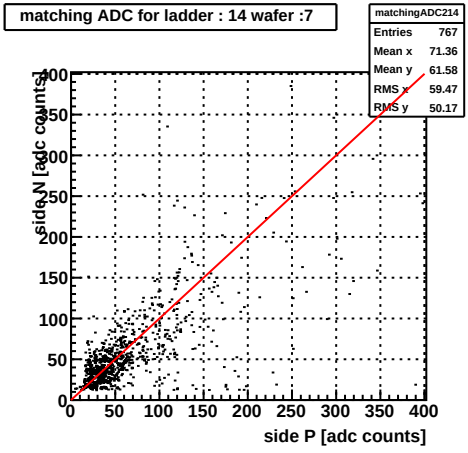

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 166
Mean x 50.72
Mean y 83.96
RMS x 43.62
RMS y 61.77
side N [adc counts]
side P [adc counts]

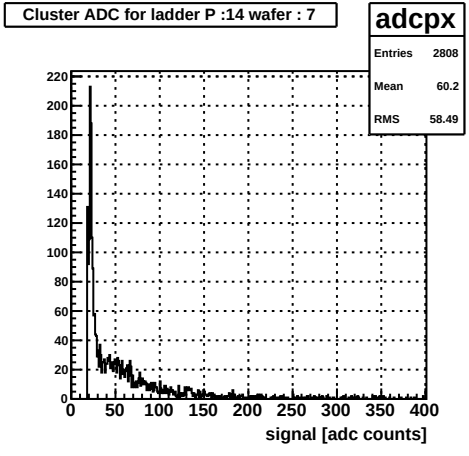

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19171
Mean 25.96
RMS 16.08
signal [adc counts]

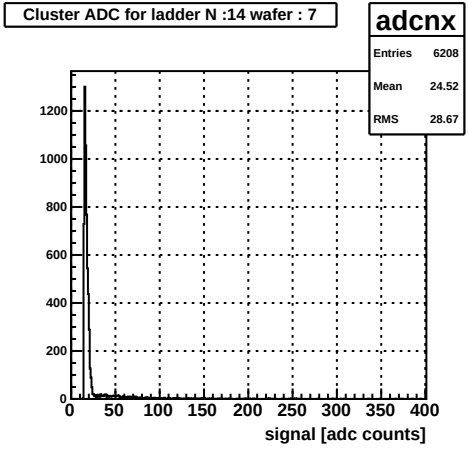

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 491
Mean 69.64
RMS 57.84
signal [adc counts]

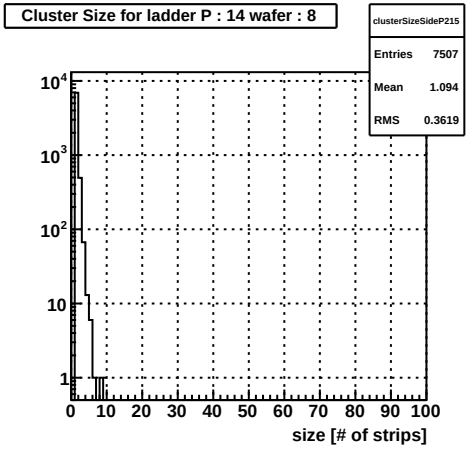

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2808
Mean 1.241
RMS 0.5561
size [# of strips]

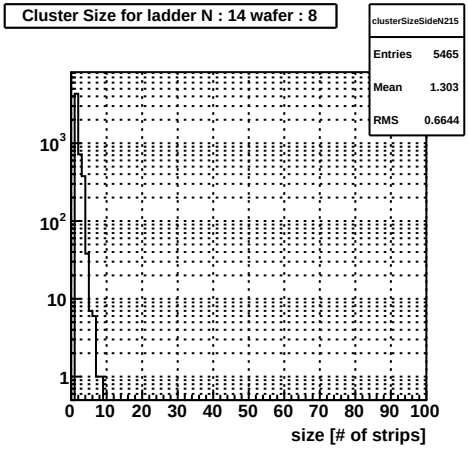

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6208
Mean 1.09
RMS 0.4165
size [# of strips]

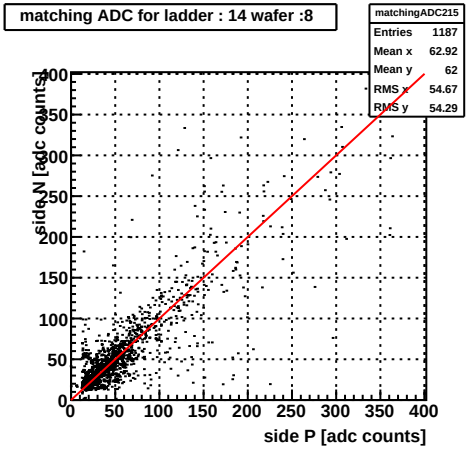

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 767
Mean x 71.36
Mean y 61.58
RMS x 59.47
RMS y 50.17
side N [adc counts]
side P [adc counts]

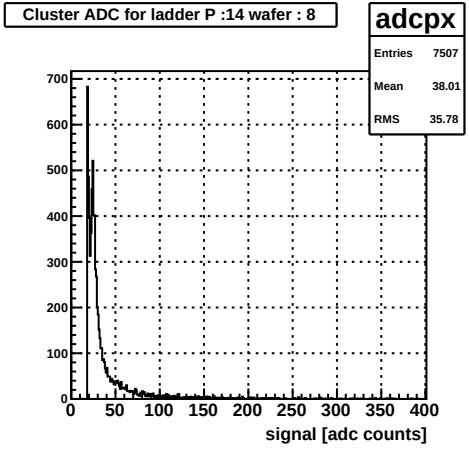

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2808
Mean 60.2
RMS 58.49
signal [adc counts]

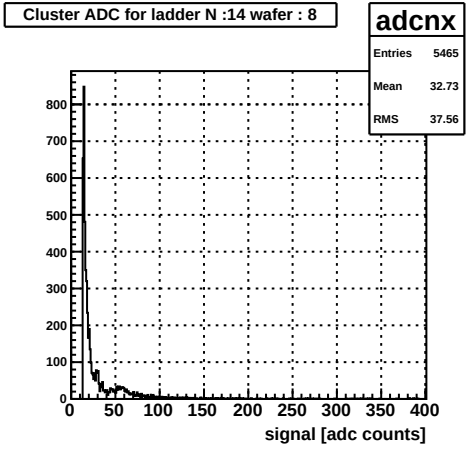

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6208
Mean 24.52
RMS 28.67
signal [adc counts]

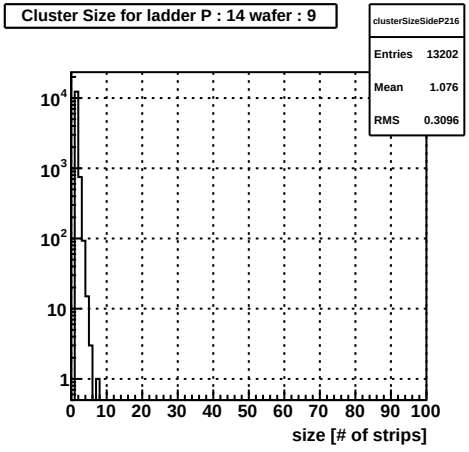

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7507
Mean 1.094
RMS 0.3619
size [# of strips]

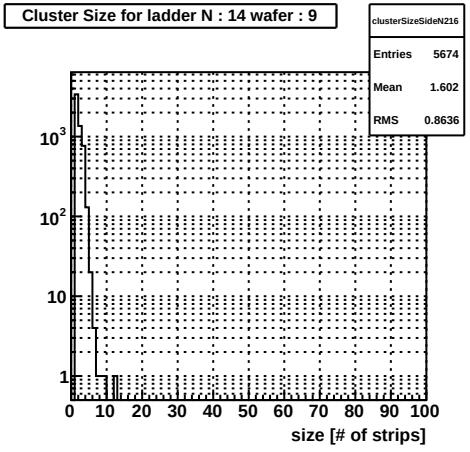

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5465
Mean 1.303
RMS 0.6644
size [# of strips]

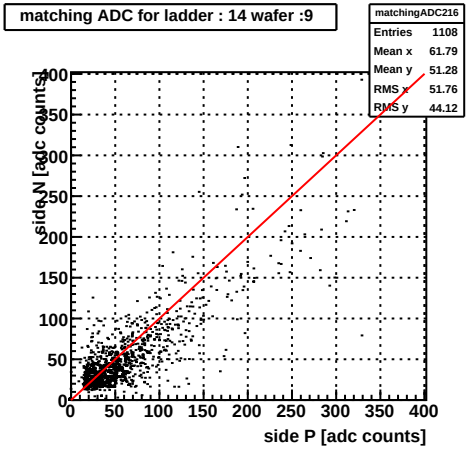

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1187
Mean x 62.92
Mean y 62
RMS x 54.67
RMS y 54.29
side N [adc counts]
side P [adc counts]

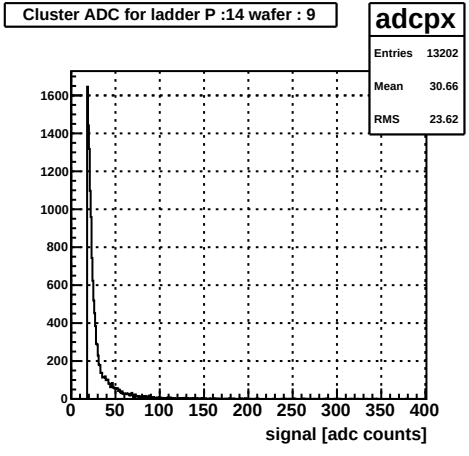

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7507
Mean 38.01
RMS 35.78
signal [adc counts]

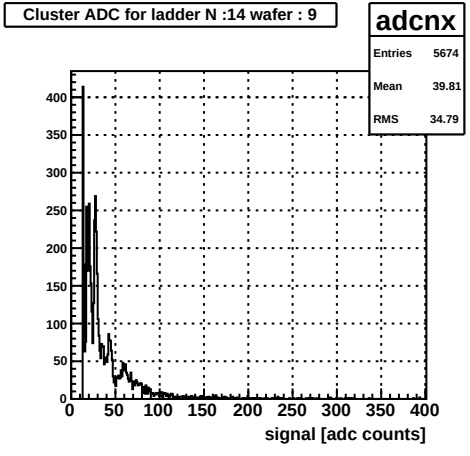

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5465
Mean 32.73
RMS 37.56
signal [adc counts]

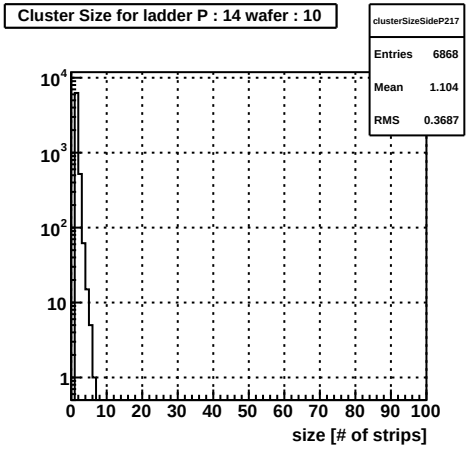

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13202
Mean 1.076
RMS 0.3096
size [# of strips]

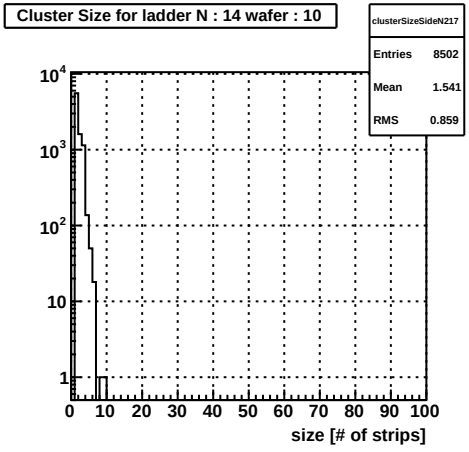

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5674
Mean 1.602
RMS 0.8636
size [# of strips]

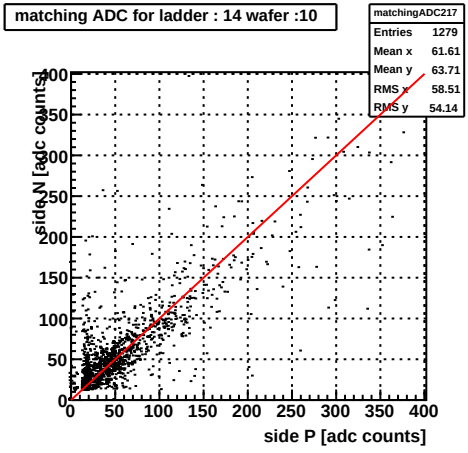

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1108
Mean x 61.79
Mean y 51.28
RMS x 51.76
RMS y 44.12
side N [adc counts]
side P [adc counts]

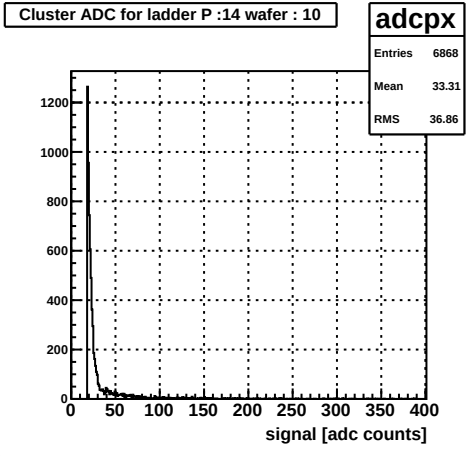

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13202
Mean 30.66
RMS 23.62
signal [adc counts]

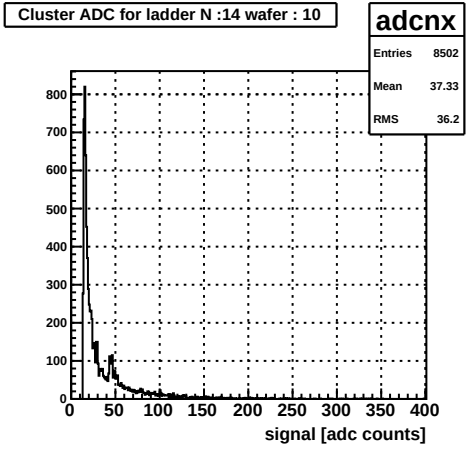

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5674
Mean 39.81
RMS 34.79
signal [adc counts]

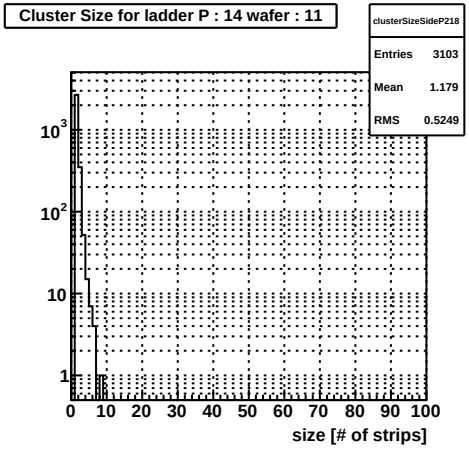

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6868
Mean 1.104
RMS 0.3687
size [# of strips]

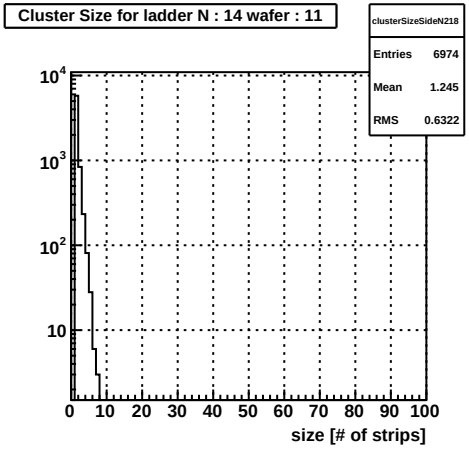

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8502
Mean 1.541
RMS 0.859
size [# of strips]

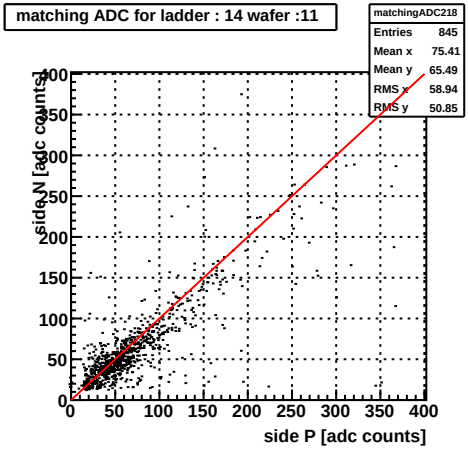

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1279
Mean x 61.61
Mean y 63.71
RMS x 58.51
RMS y 54.14
side N [adc counts]
side P [adc counts]

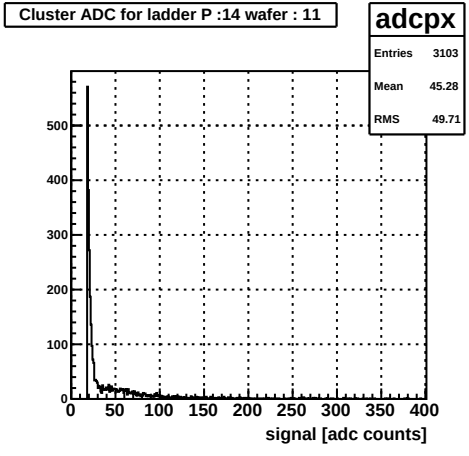

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6868
Mean 33.31
RMS 36.86
signal [adc counts]

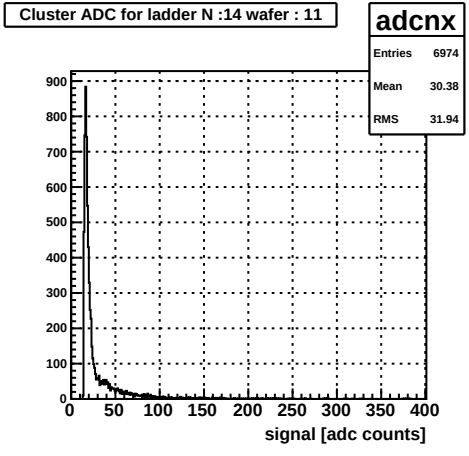

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8502
Mean 37.33
RMS 36.2
signal [adc counts]

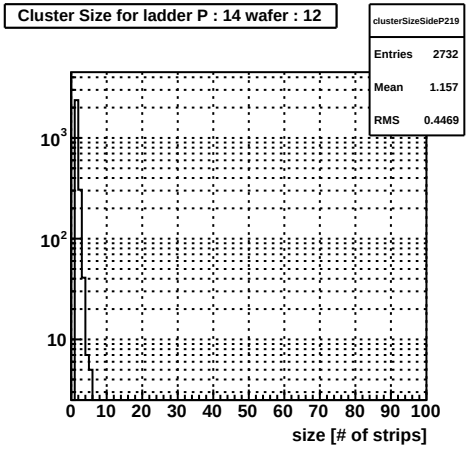

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3103
Mean 1.179
RMS 0.5249
size [# of strips]

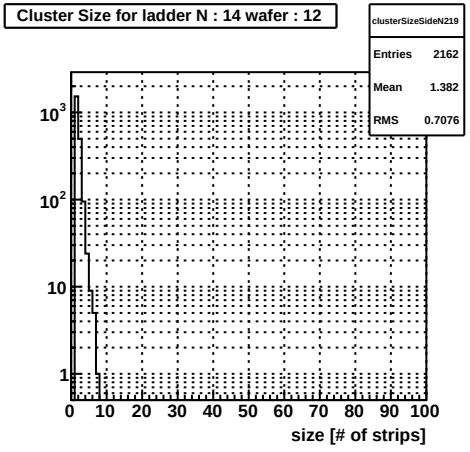

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6974
Mean 1.245
RMS 0.6322
size [# of strips]

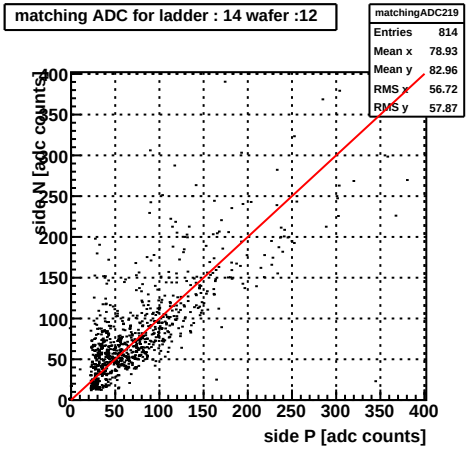

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 845
Mean x 75.41
Mean y 65.49
RMS x 58.94
RMS y 50.85
side N [adc counts]
side P [adc counts]

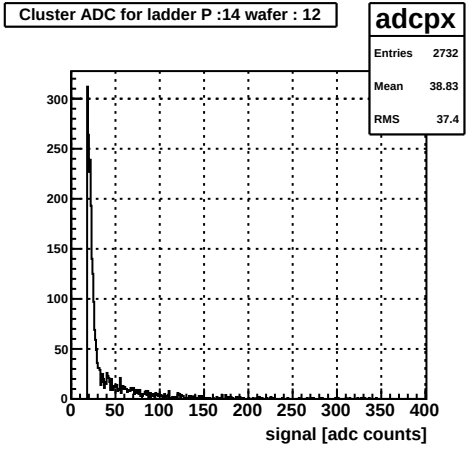

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3103
Mean 45.28
RMS 49.71
signal [adc counts]

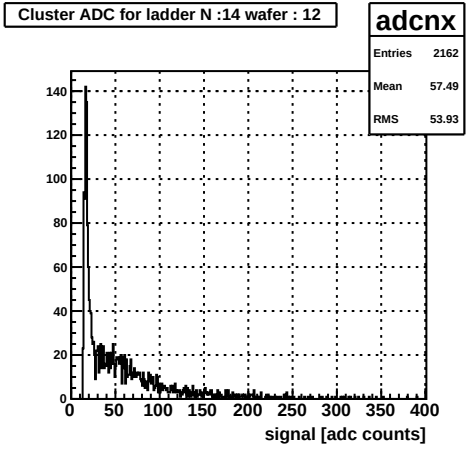

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6974
Mean 30.38
RMS 31.94
signal [adc counts]

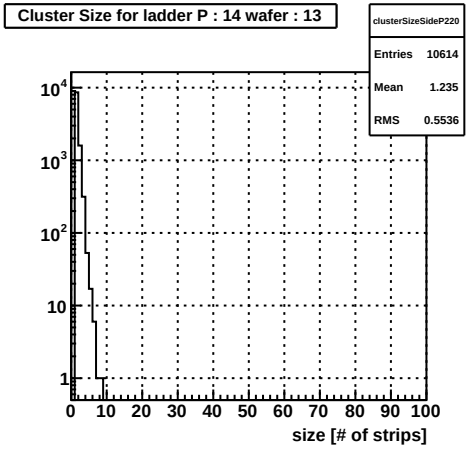

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2732
Mean 1.157
RMS 0.4469
size [# of strips]

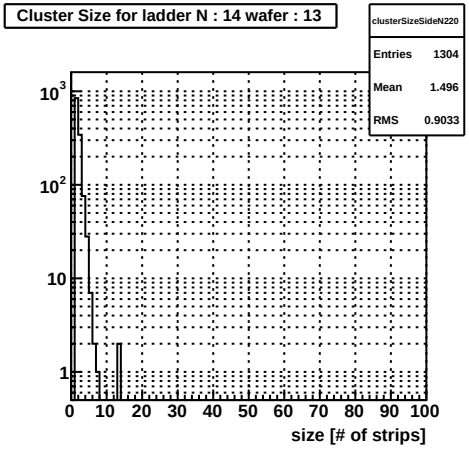

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2162
Mean 1.382
RMS 0.7076
size [# of strips]

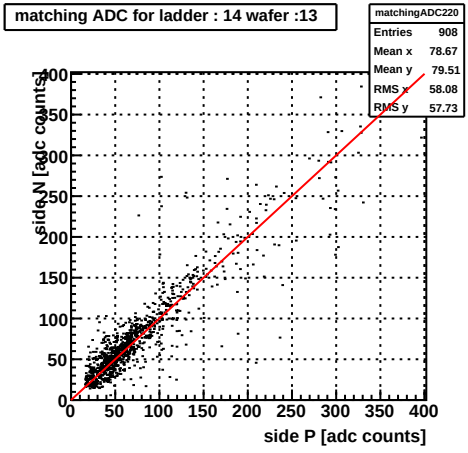

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 814
Mean x 78.93
Mean y 82.96
RMS x 56.72
RMS y 57.87
side N [adc counts]
side P [adc counts]

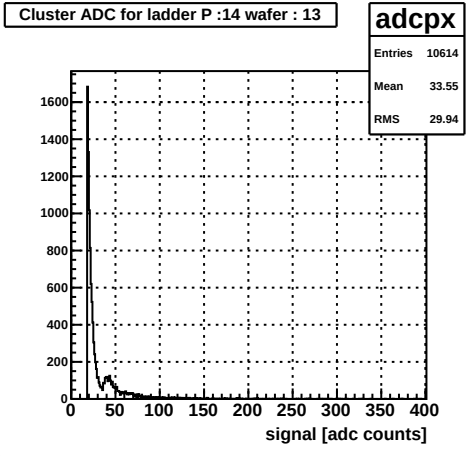

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2732
Mean 38.83
RMS 37.4
signal [adc counts]

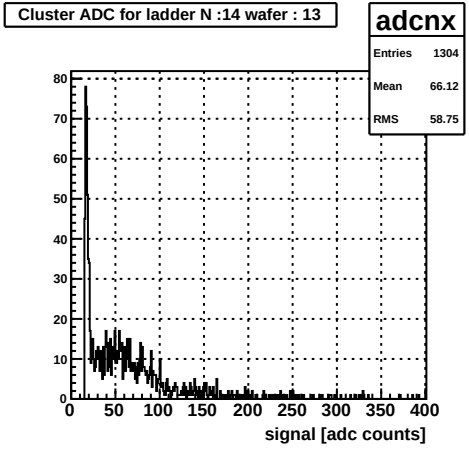

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2162
Mean 57.49
RMS 53.93
signal [adc counts]

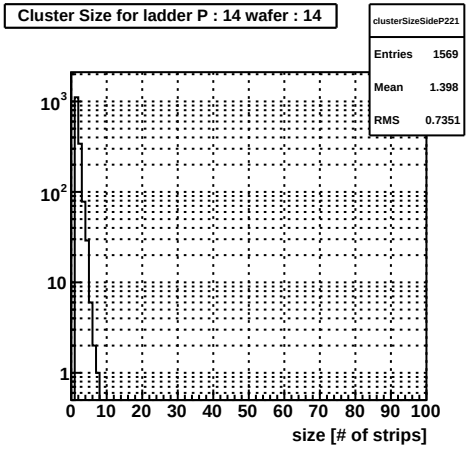

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10614
Mean 1.235
RMS 0.5536
size [# of strips]

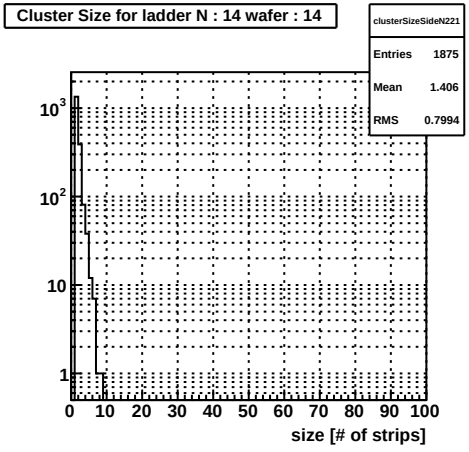

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1304
Mean 1.496
RMS 0.9033
size [# of strips]

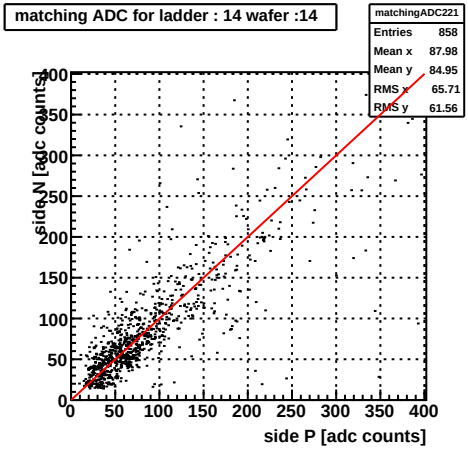

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 908
Mean x 78.67
Mean y 79.51
RMS x 58.08
RMS y 57.73
side N [adc counts]
side P [adc counts]

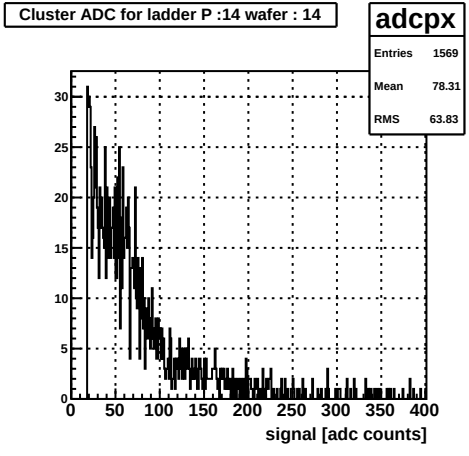

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10614
Mean 33.55
RMS 29.94
signal [adc counts]

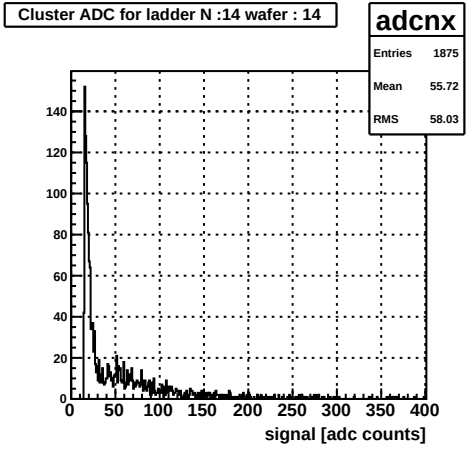

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1304
Mean 66.12
RMS 58.75
signal [adc counts]

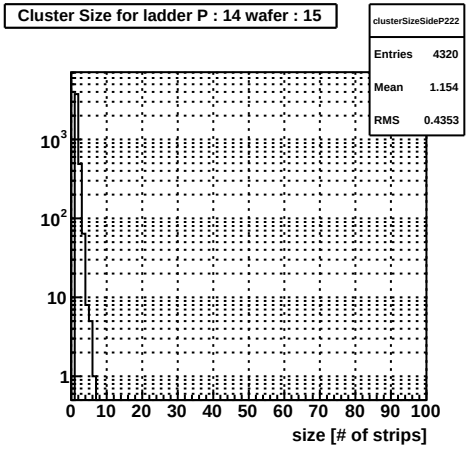

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1569
Mean 1.398
RMS 0.7351
size [# of strips]

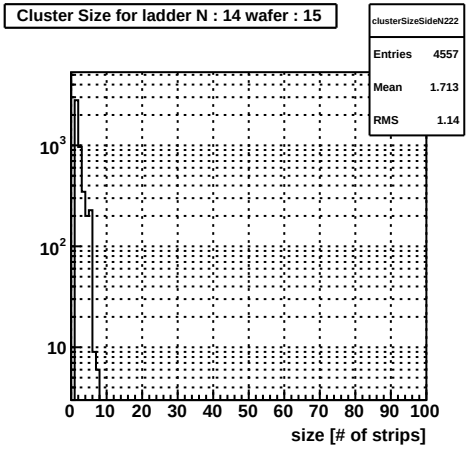

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1875
Mean 1.406
RMS 0.7994
size [# of strips]

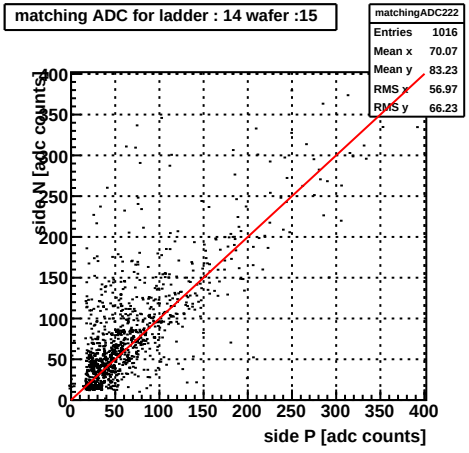

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 858
Mean x 87.98
Mean y 84.95
RMS x 65.71
RMS y 61.56
side N [adc counts]
side P [adc counts]

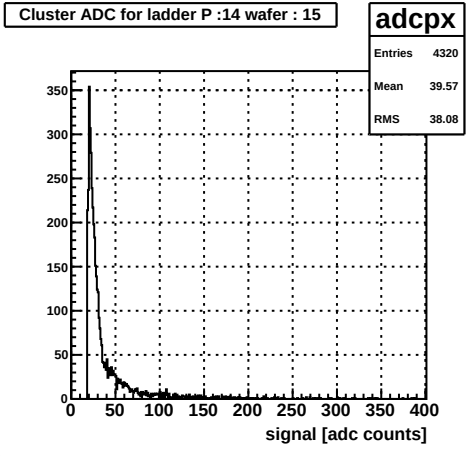

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1569
Mean 78.31
RMS 63.83
signal [adc counts]

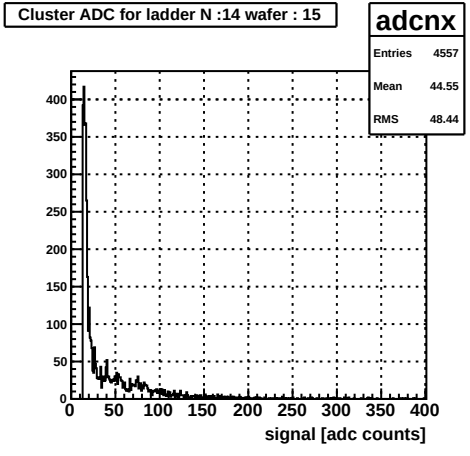

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1875
Mean 55.72
RMS 58.03
signal [adc counts]

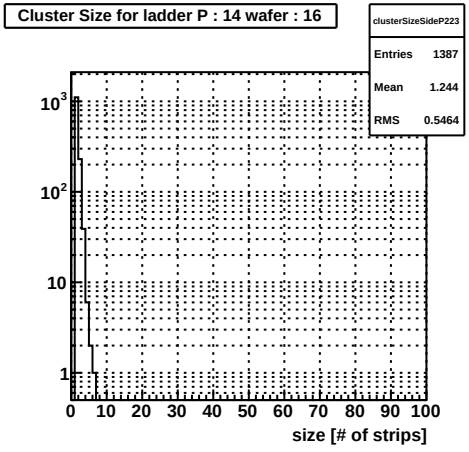

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4320
Mean 1.154
RMS 0.4353
size [# of strips]

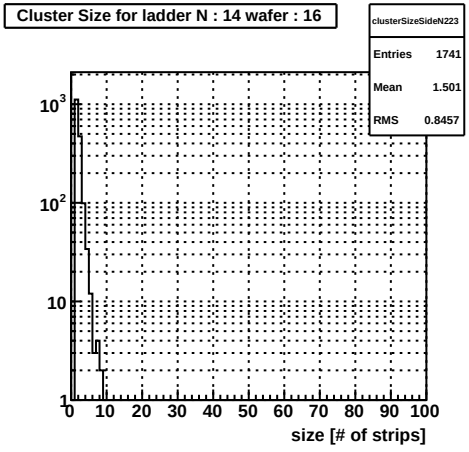

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4557
Mean 1.713
RMS 1.14
size [# of strips]

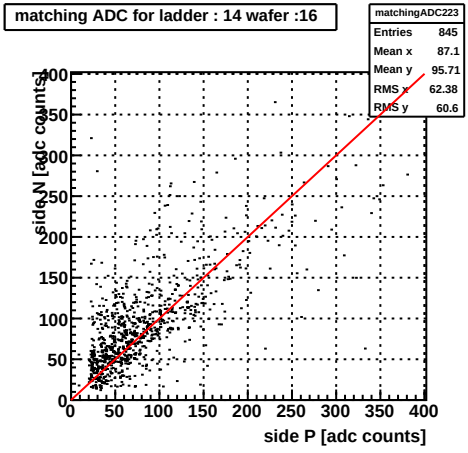

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1016
Mean x 70.07
Mean y 83.23
RMS x 56.97
RMS y 66.23
side N [adc counts]
side P [adc counts]

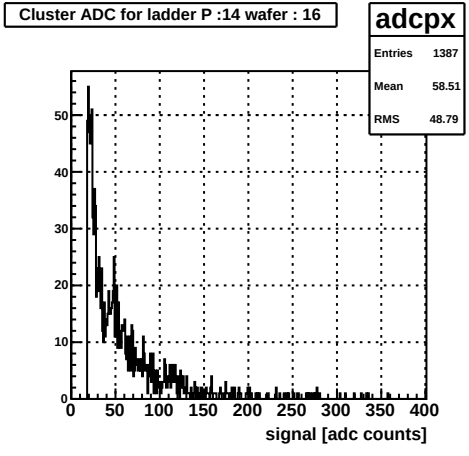

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4320
Mean 39.57
RMS 38.08
signal [adc counts]

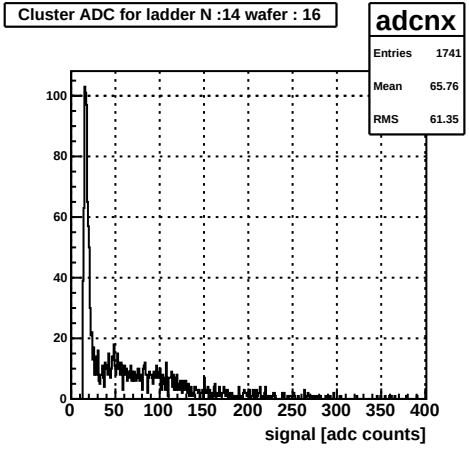

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4557
Mean 44.55
RMS 48.44
signal [adc counts]

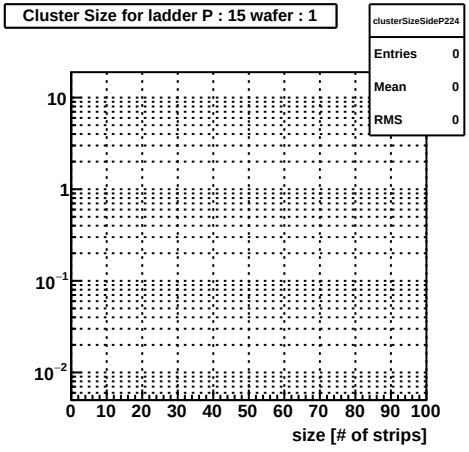

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1387
Mean 1.244
RMS 0.5464
size [# of strips]

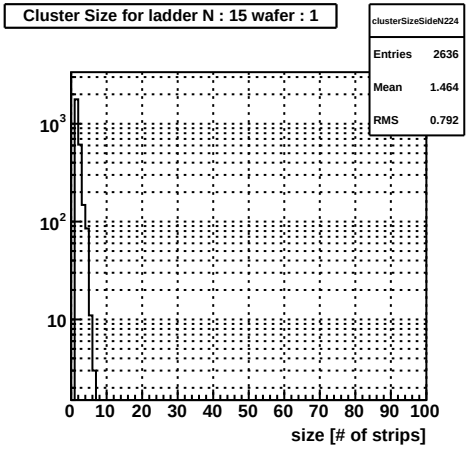

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1741
Mean 1.501
RMS 0.8457
size [# of strips]

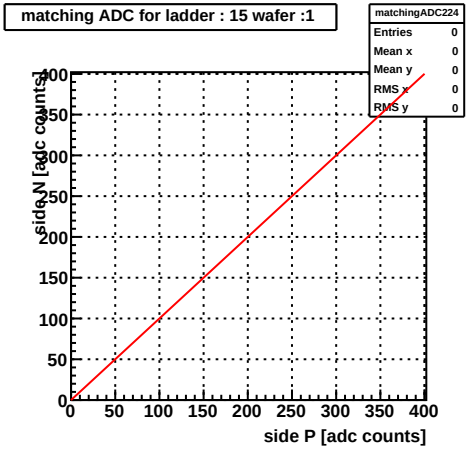

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 845
Mean x 87.1
Mean y 95.71
RMS x 62.38
RMS y 60.6
side N [adc counts]
side P [adc counts]

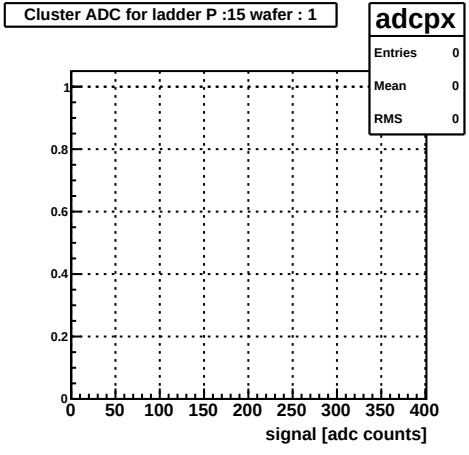

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1387
Mean 58.51
RMS 48.79
signal [adc counts]

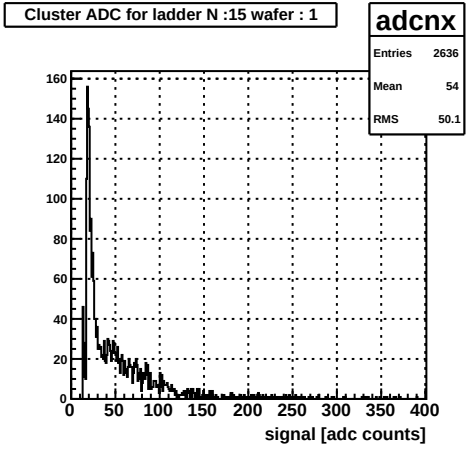

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1741
Mean 65.76
RMS 61.35
signal [adc counts]

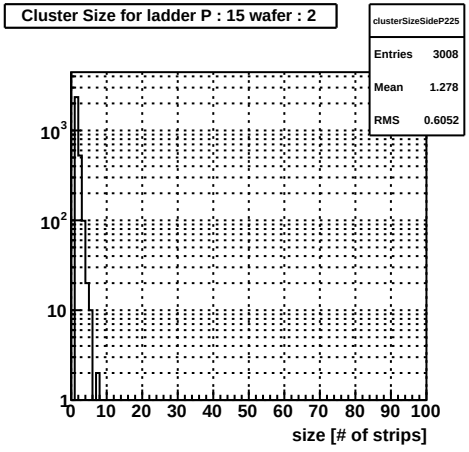

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

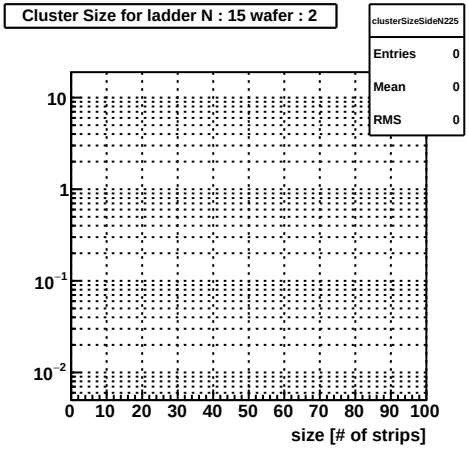

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2636
Mean 1.464
RMS 0.792
size [# of strips]

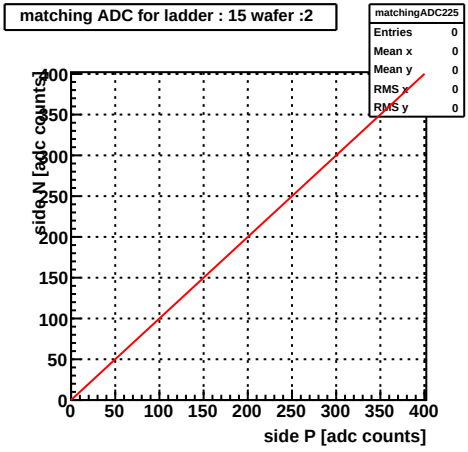

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

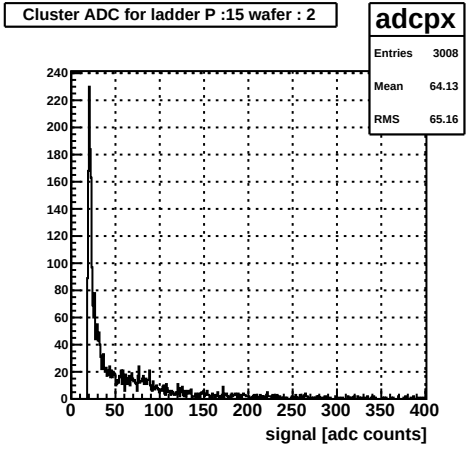

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

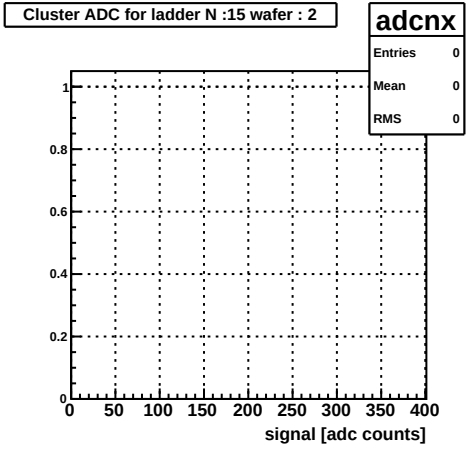

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2636
Mean 54
RMS 50.1
signal [adc counts]

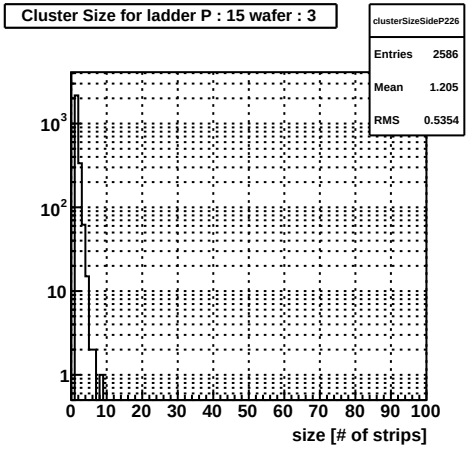

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3008
Mean 1.278
RMS 0.6052
size [# of strips]

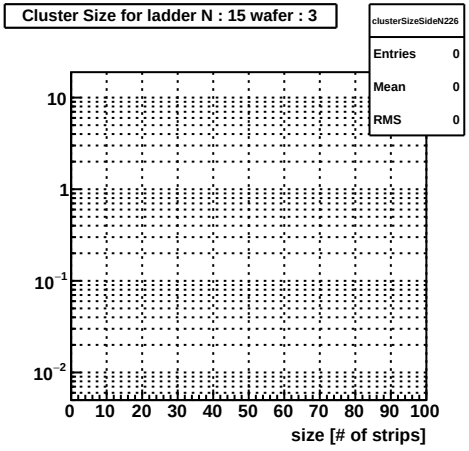

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

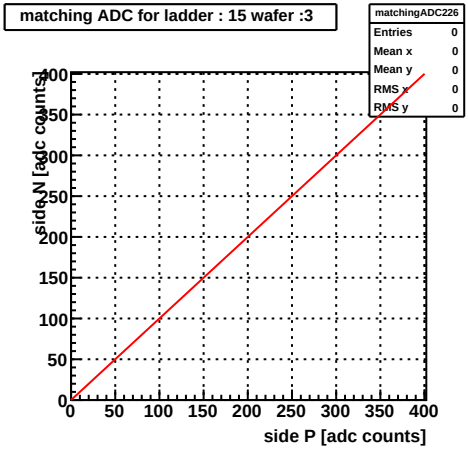

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

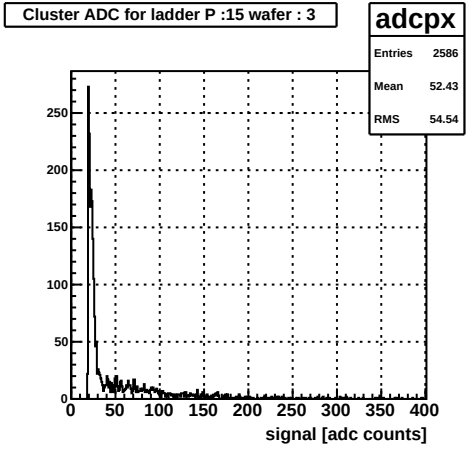

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3008
Mean 64.13
RMS 65.16
signal [adc counts]

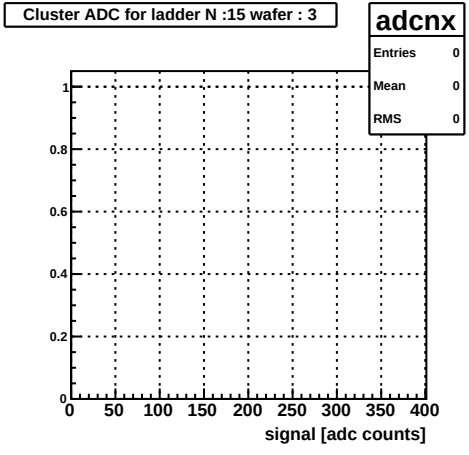

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

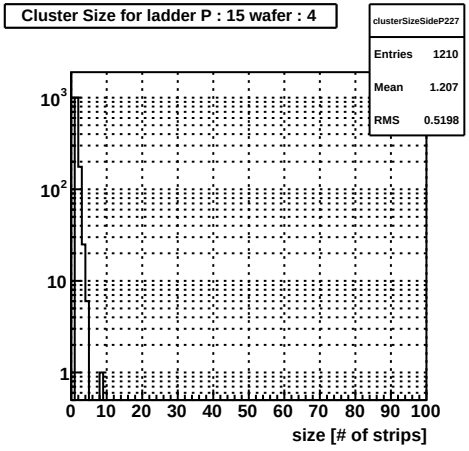

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2586
Mean 1.205
RMS 0.5354
size [# of strips]

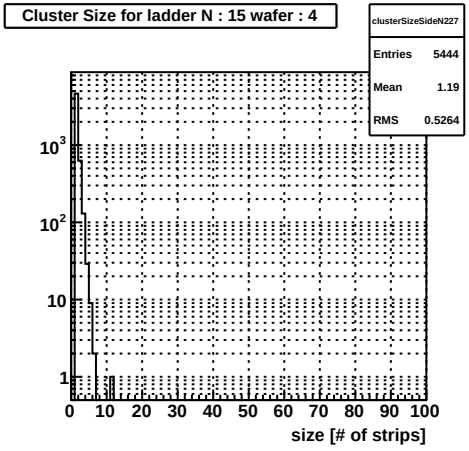

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

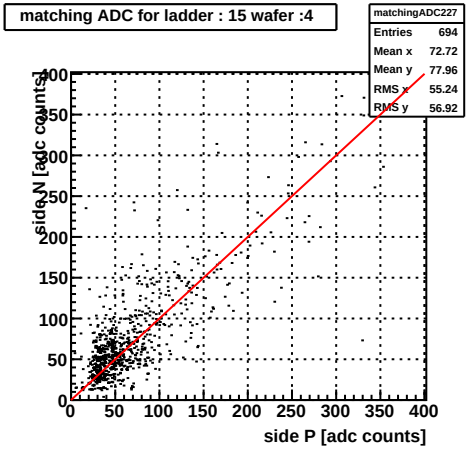

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

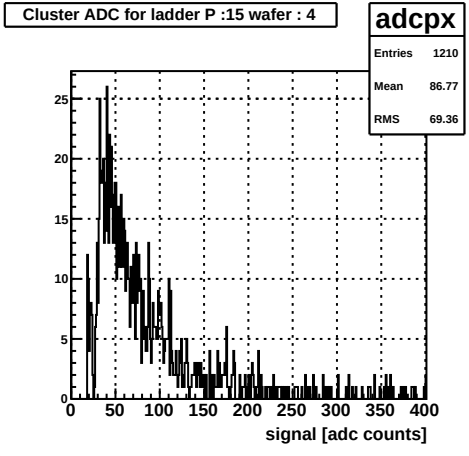

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2586
Mean 52.43
RMS 54.54
signal [adc counts]

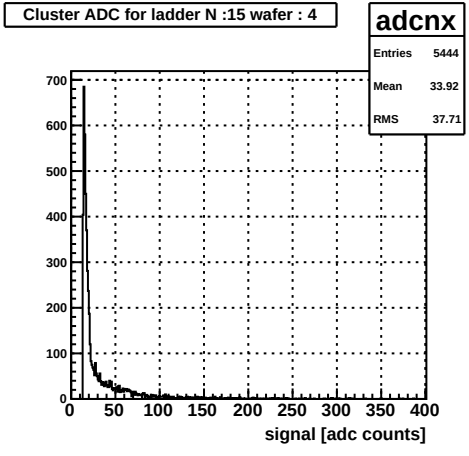

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

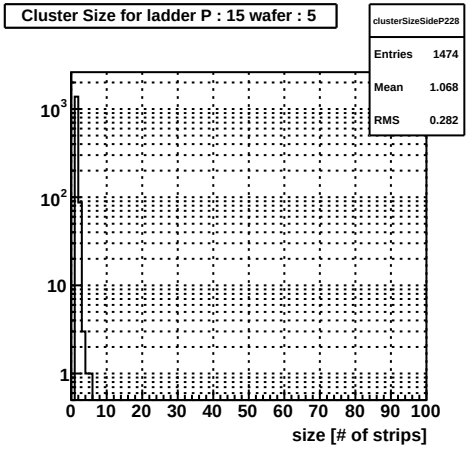

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1210
Mean 1.207
RMS 0.5198
size [# of strips]

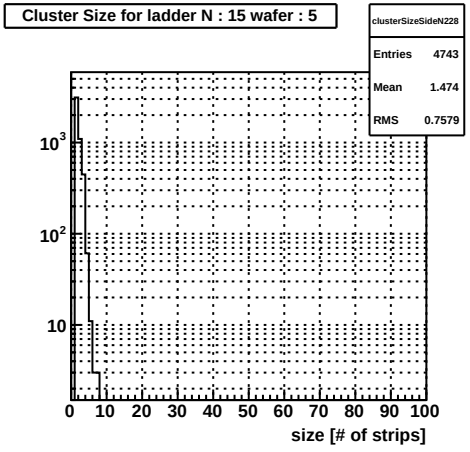

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5444
Mean 1.19
RMS 0.5264
size [# of strips]

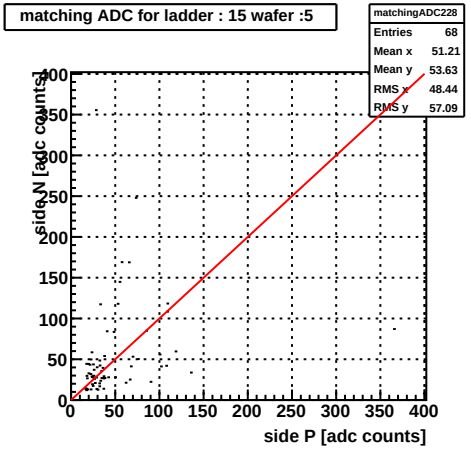

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 694
Mean x 72.72
Mean y 77.96
RMS x 55.24
RMS y 56.92
side N [adc counts]
side P [adc counts]

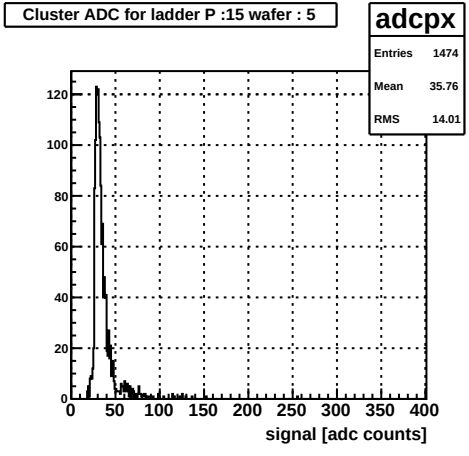

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1210
Mean 86.77
RMS 69.36
signal [adc counts]

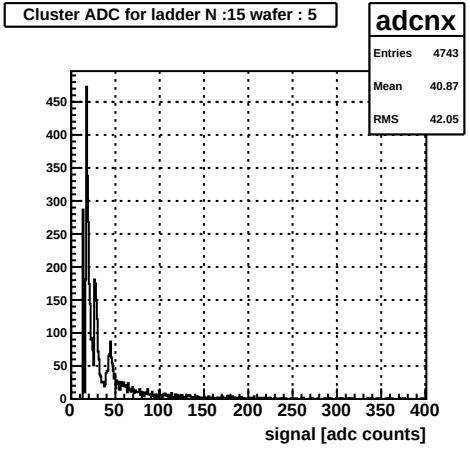

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5444
Mean 33.92
RMS 37.71
signal [adc counts]

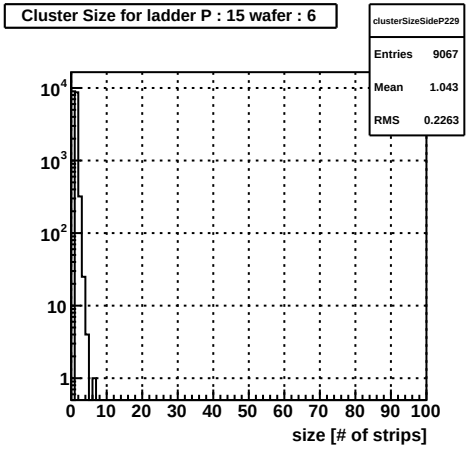

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1474
Mean 1.068
RMS 0.282
size [# of strips]

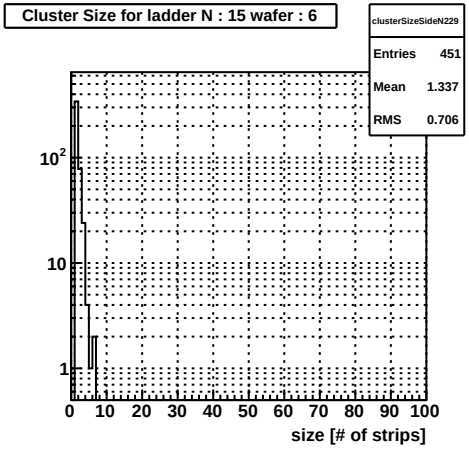

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4743
Mean 1.474
RMS 0.7579
size [# of strips]

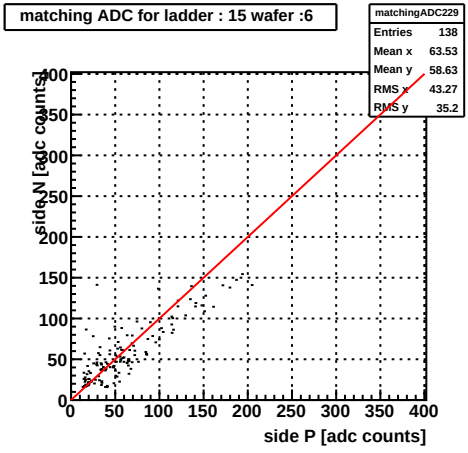

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 68
Mean x 51.21
Mean y 53.63
RMS x 48.44
RMS y 57.09
side N [adc counts]
side P [adc counts]

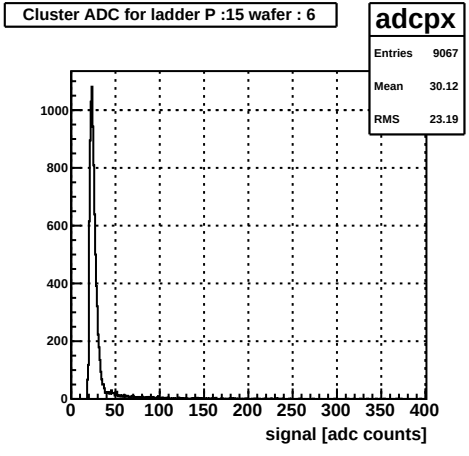

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1474
Mean 35.76
RMS 14.01
signal [adc counts]

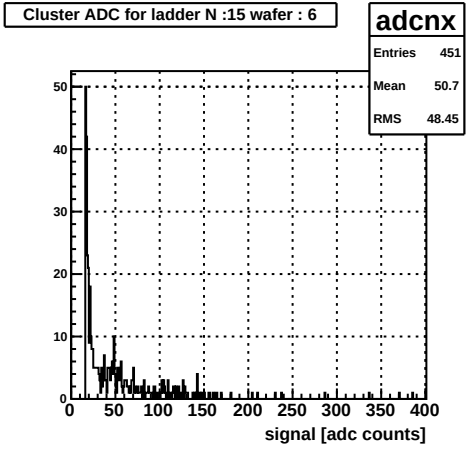

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4743
Mean 40.87
RMS 42.05
signal [adc counts]

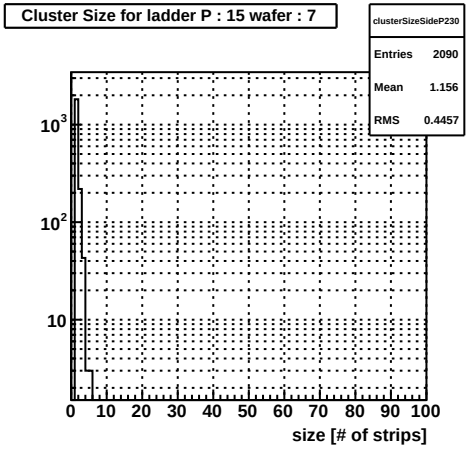

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9067
Mean 1.043
RMS 0.2263
size [# of strips]

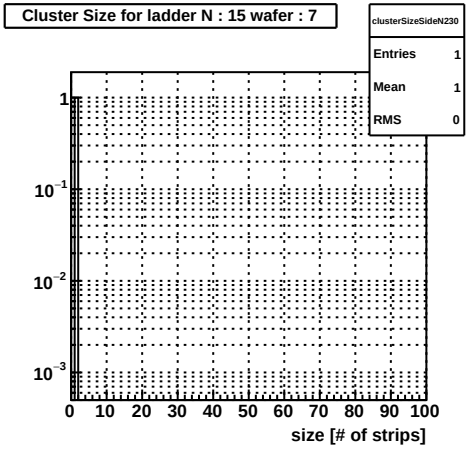

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 451
Mean 1.337
RMS 0.706
size [# of strips]

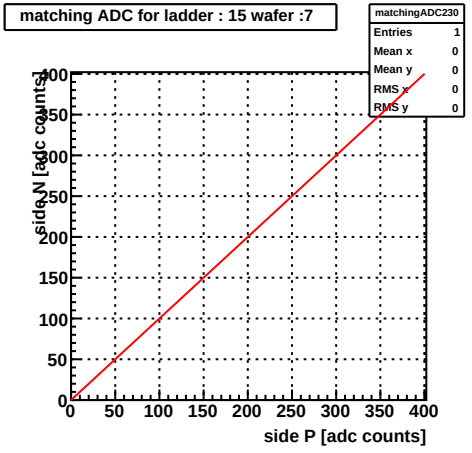

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 138
Mean x 63.53
Mean y 58.63
RMS x 43.27
RMS y 35.2
side N [adc counts]
side P [adc counts]

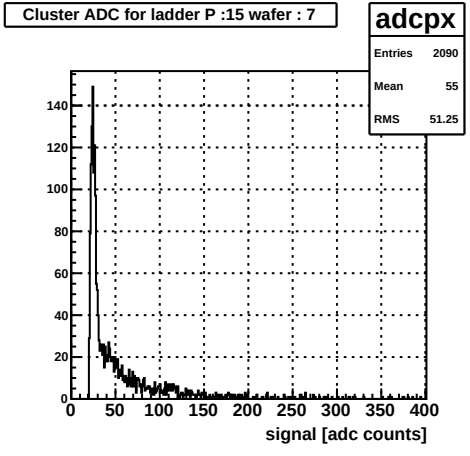

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9067
Mean 30.12
RMS 23.19
signal [adc counts]

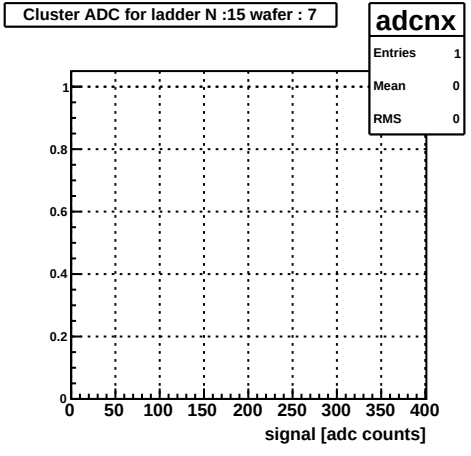

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 451
Mean 50.7
RMS 48.45
signal [adc counts]

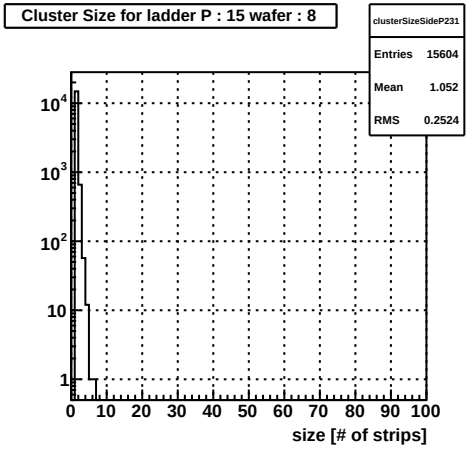

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2090
Mean 1.156
RMS 0.4457
size [# of strips]

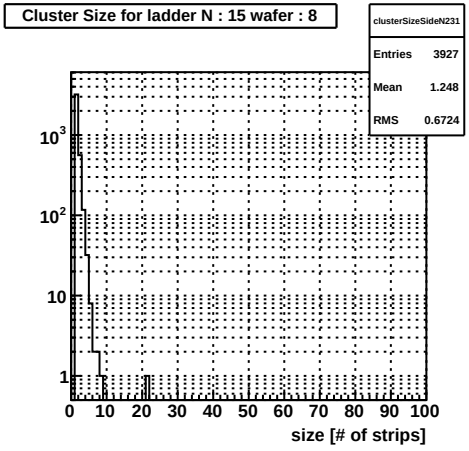

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

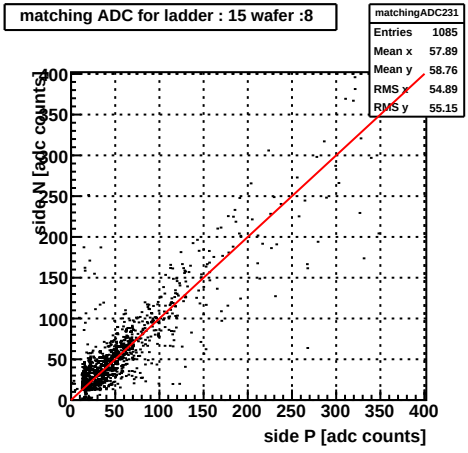

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

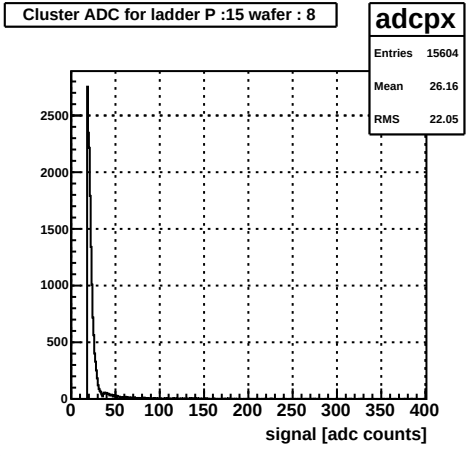

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2090
Mean 55
RMS 51.25
signal [adc counts]

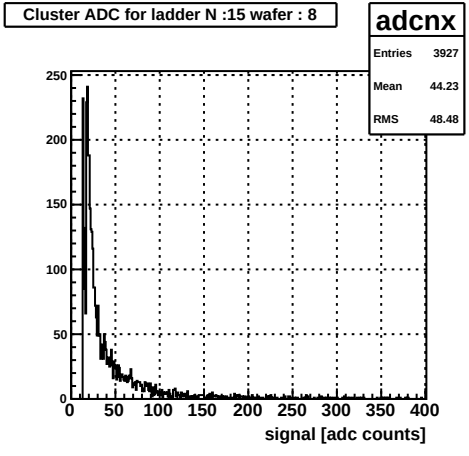

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

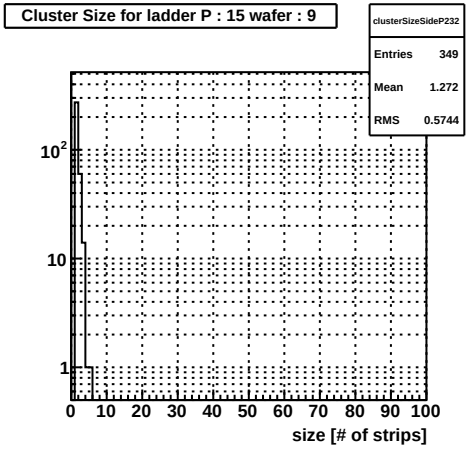

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 15604
Mean 1.052
RMS 0.2524
size [# of strips]

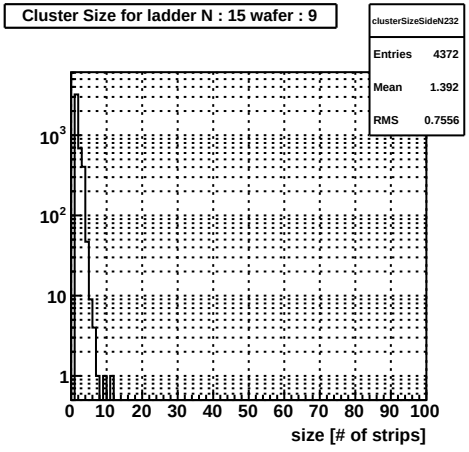

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3927
Mean 1.248
RMS 0.6724
size [# of strips]

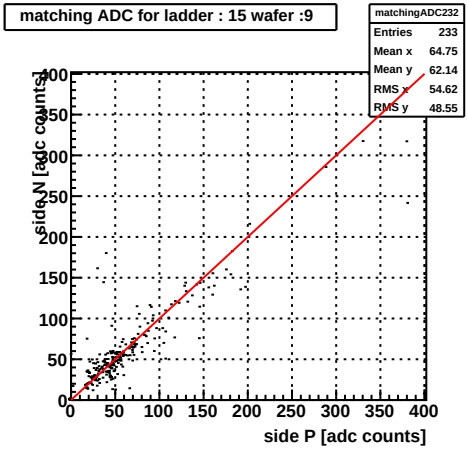

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1085
Mean x 57.89
Mean y 58.76
RMS x 54.89
RMS y 55.15
side N [adc counts]
side P [adc counts]

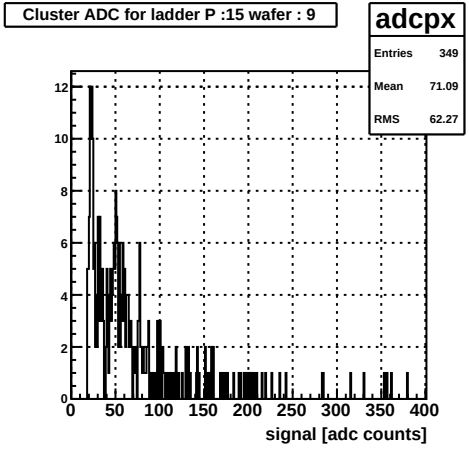

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 15604
Mean 26.16
RMS 22.05
signal [adc counts]

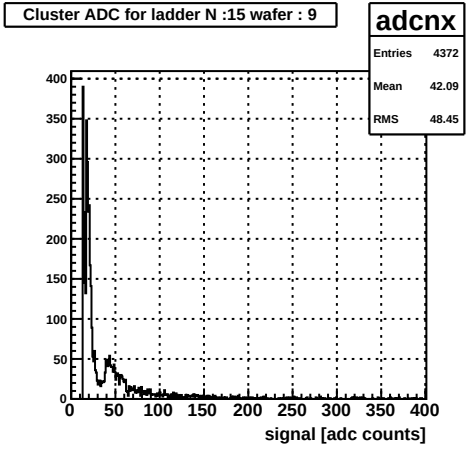

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3927
Mean 44.23
RMS 48.48
signal [adc counts]

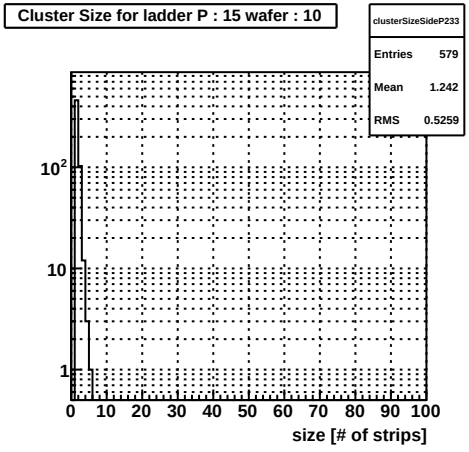

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 349
Mean 1.272
RMS 0.5744
size [# of strips]

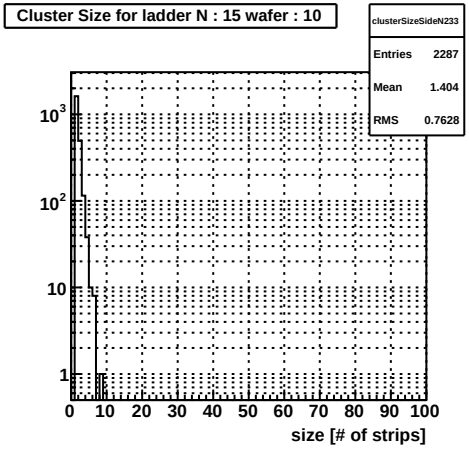

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4372
Mean 1.392
RMS 0.7556
size [# of strips]

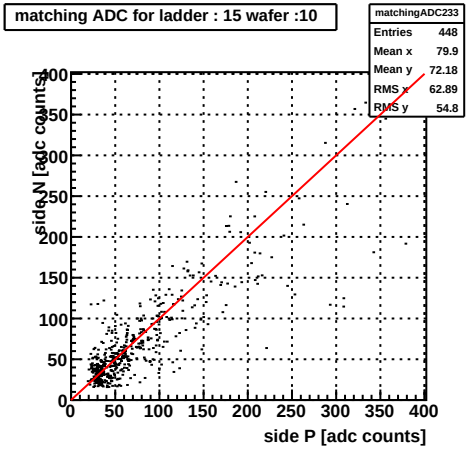

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 233
Mean x 64.75
Mean y 62.14
RMS x 54.62
RMS y 48.55
side N [adc counts]
side P [adc counts]

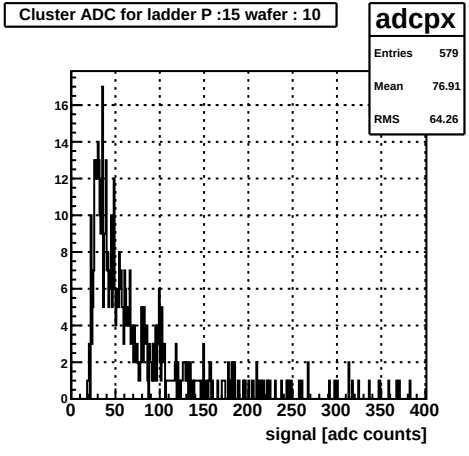

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 349
Mean 71.09
RMS 62.27
signal [adc counts]

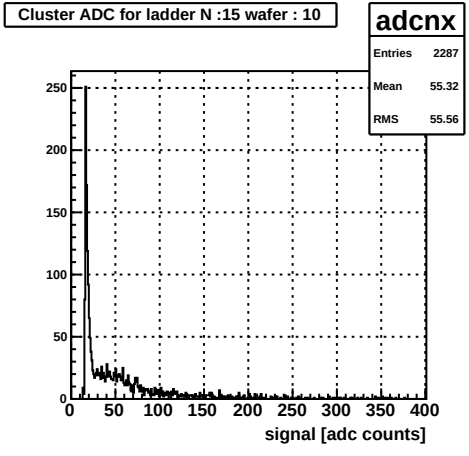

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4372
Mean 42.09
RMS 48.45
signal [adc counts]

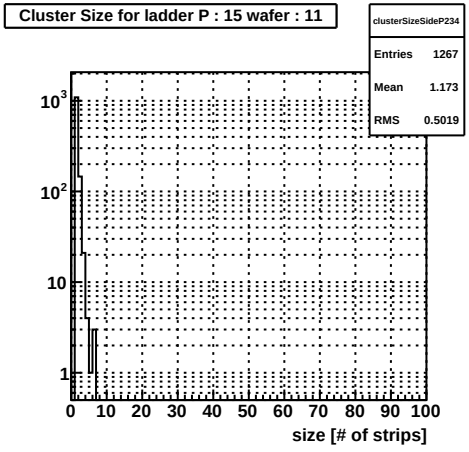

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 579
Mean 1.242
RMS 0.5259
size [# of strips]

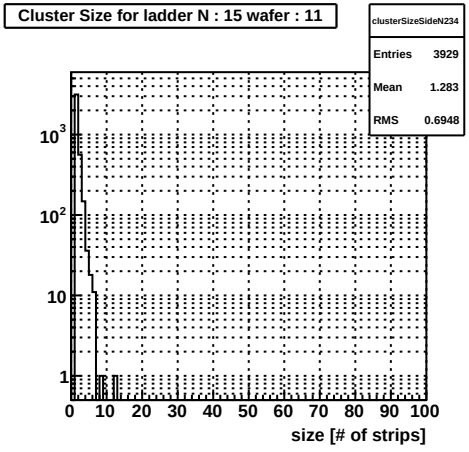

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2287
Mean 1.404
RMS 0.7628
size [# of strips]

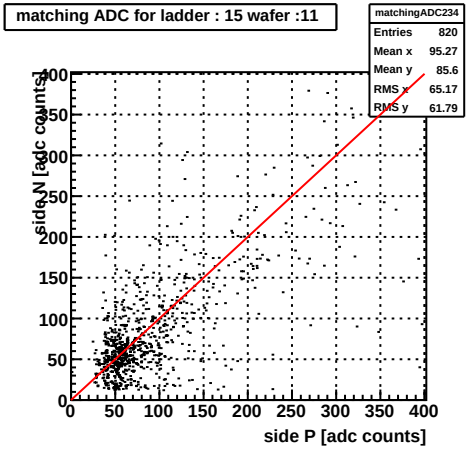

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 448
Mean x 79.9
Mean y 72.18
RMS x 62.89
RMS y 54.8
side N [adc counts]
side P [adc counts]

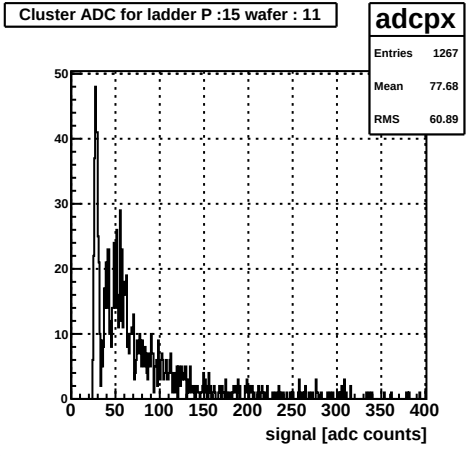

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 579
Mean 76.91
RMS 64.26
signal [adc counts]

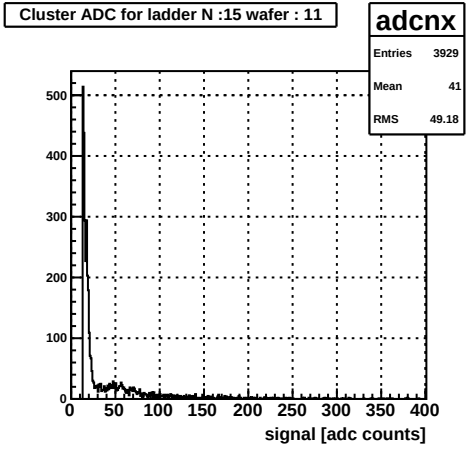

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2287
Mean 55.32
RMS 55.56
signal [adc counts]

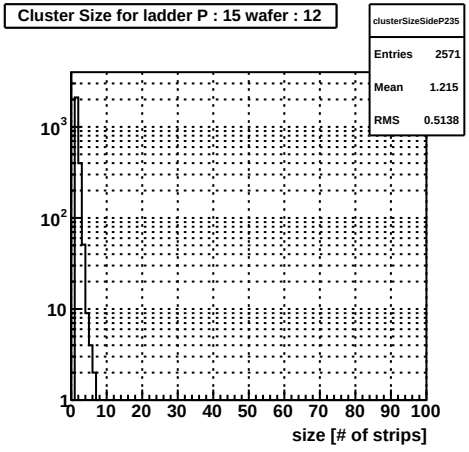

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 1267
Mean 1.173
RMS 0.5019
size [# of strips]

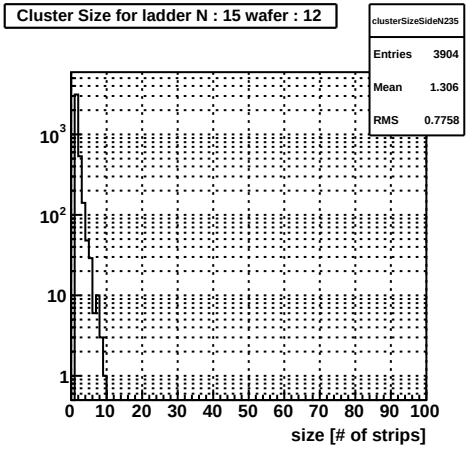

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3929
Mean 1.283
RMS 0.6948
size [# of strips]

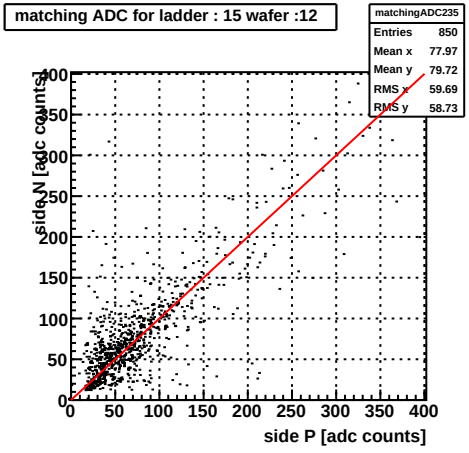

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 820
Mean x 95.27
Mean y 85.6
RMS x 65.17
RMS y 61.79
side N [adc counts]
side P [adc counts]

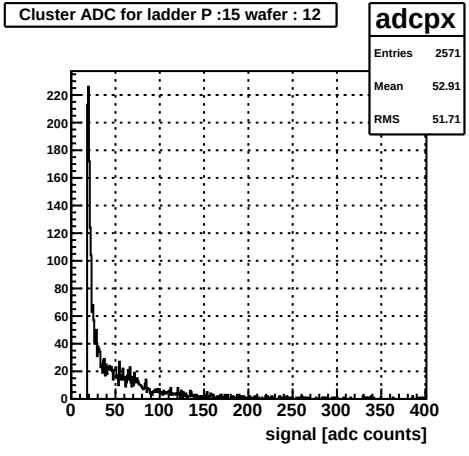

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 1267
Mean 77.68
RMS 60.89
signal [adc counts]

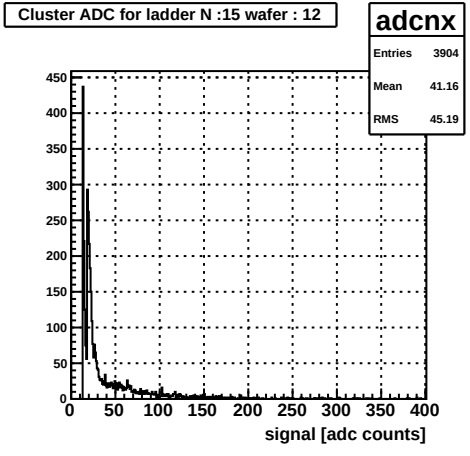

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3929
Mean 41
RMS 49.18
signal [adc counts]

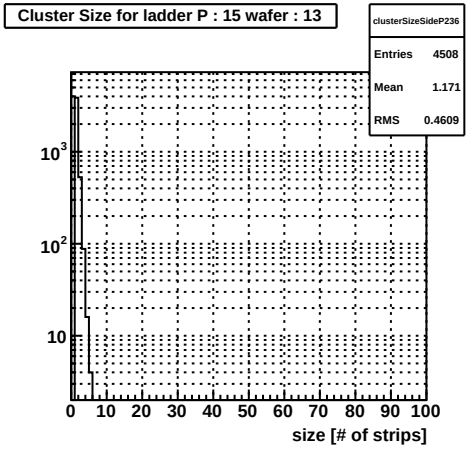

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2571
Mean 1.215
RMS 0.5138
size [# of strips]

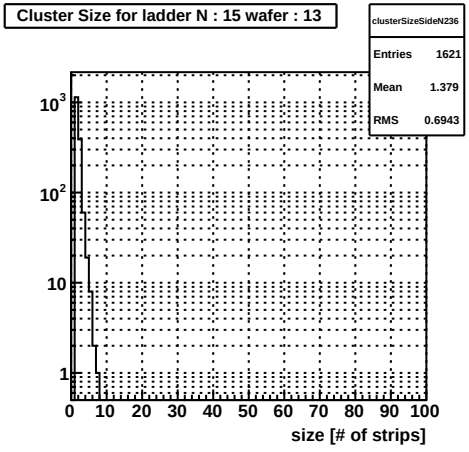

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3904
Mean 1.306
RMS 0.7758
size [# of strips]

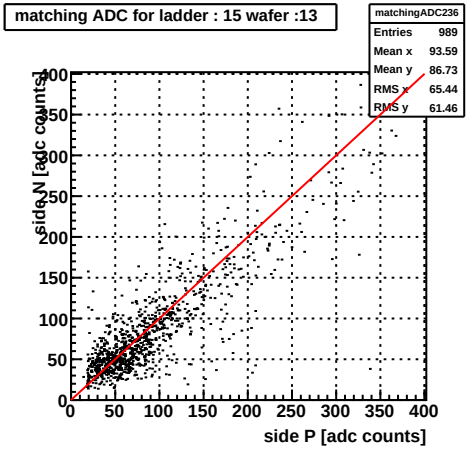

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 850
Mean x 77.97
Mean y 79.72
RMS x 59.69
RMS y 58.73
side N [adc counts]
side P [adc counts]

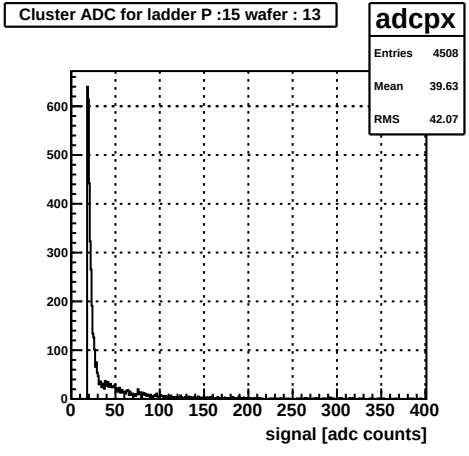

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2571
Mean 52.91
RMS 51.71
signal [adc counts]

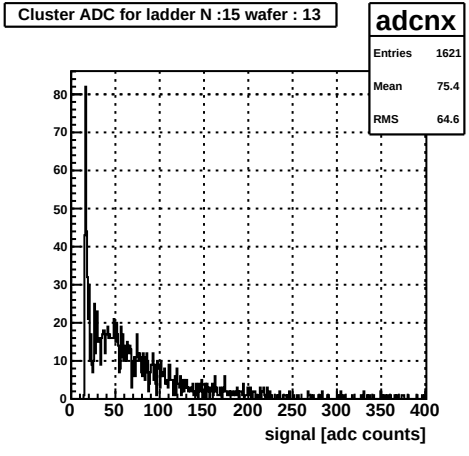

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3904
Mean 41.16
RMS 45.19
signal [adc counts]

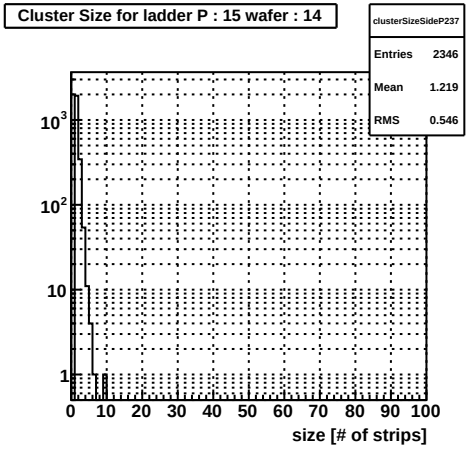

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4508
Mean 1.171
RMS 0.4609
size [# of strips]

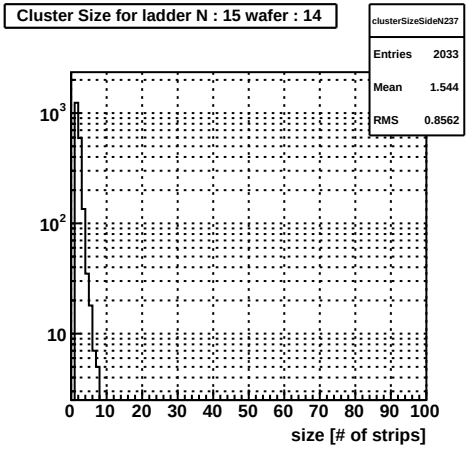

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1621
Mean 1.379
RMS 0.6943
size [# of strips]

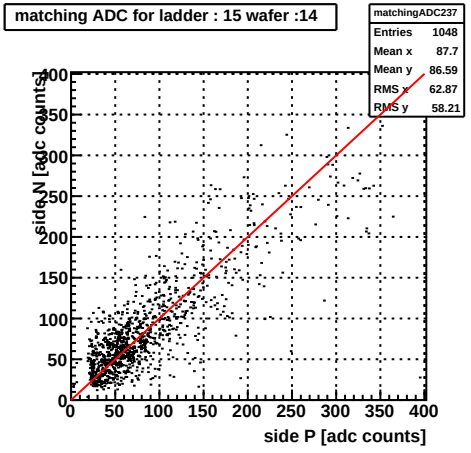

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 989
Mean x 93.59
Mean y 86.73
RMS x 65.44
RMS y 61.46
side N [adc counts]
side P [adc counts]

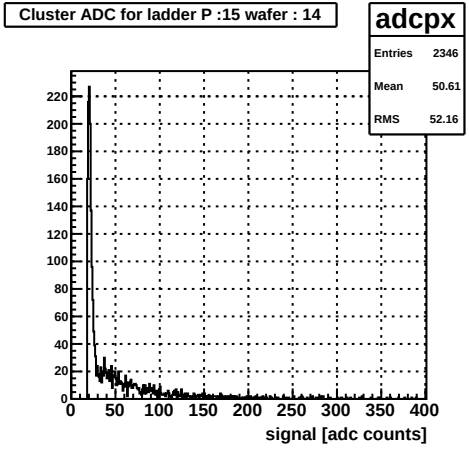

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4508
Mean 39.63
RMS 42.07
signal [adc counts]

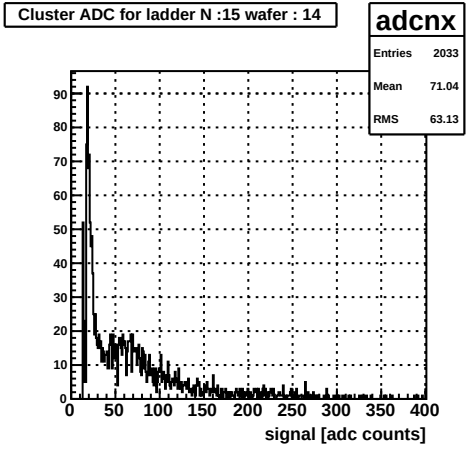

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1621
Mean 75.4
RMS 64.6
signal [adc counts]

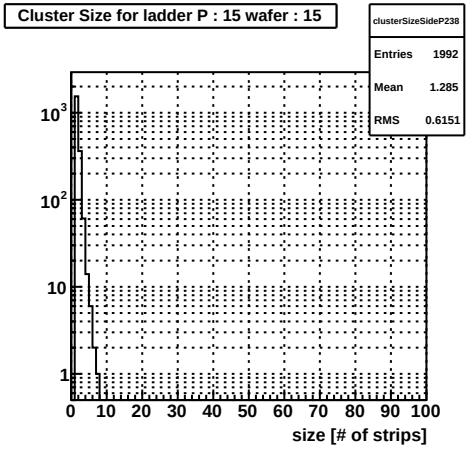

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2346
Mean 1.219
RMS 0.546
size [# of strips]

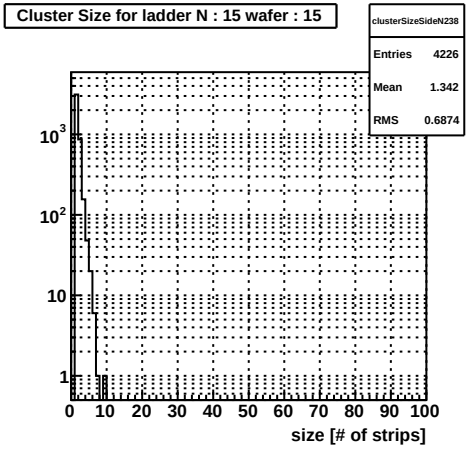

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2033
Mean 1.544
RMS 0.8562
size [# of strips]

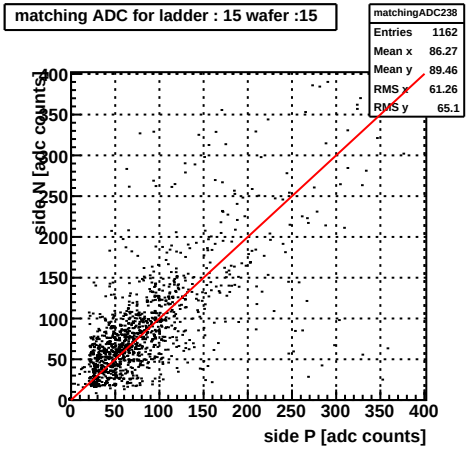

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1048
Mean x 87.7
Mean y 86.59
RMS x 62.87
RMS y 58.21
side N [adc counts]
side P [adc counts]

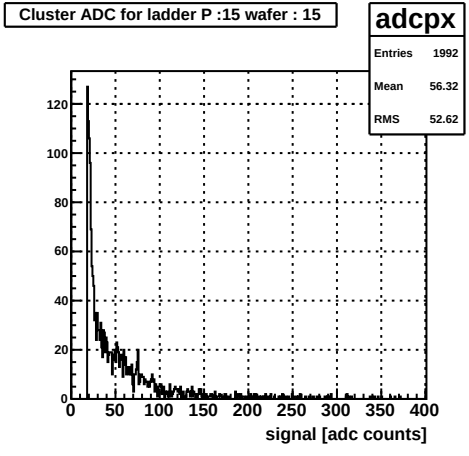

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2346
Mean 50.61
RMS 52.16
signal [adc counts]

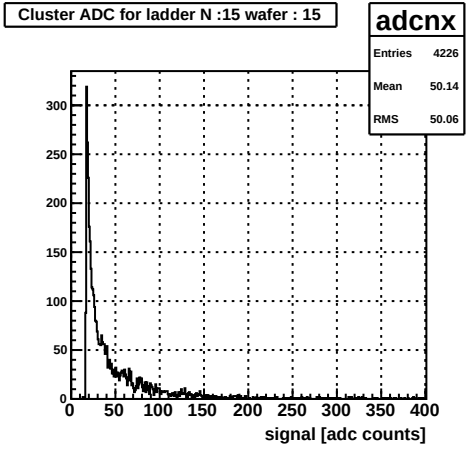

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2033
Mean 71.04
RMS 63.13
signal [adc counts]

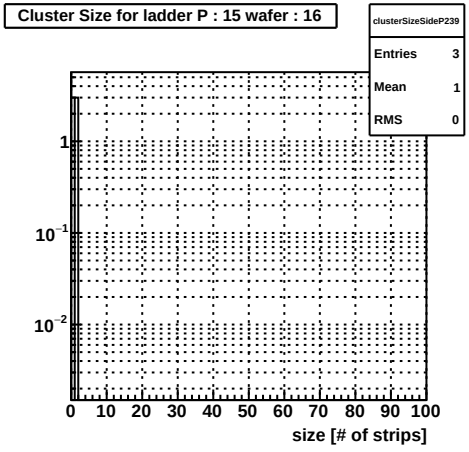

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1992
Mean 1.285
RMS 0.6151
size [# of strips]

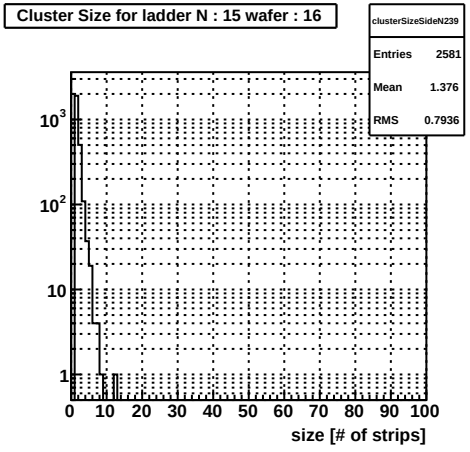

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4226
Mean 1.342
RMS 0.6874
size [# of strips]

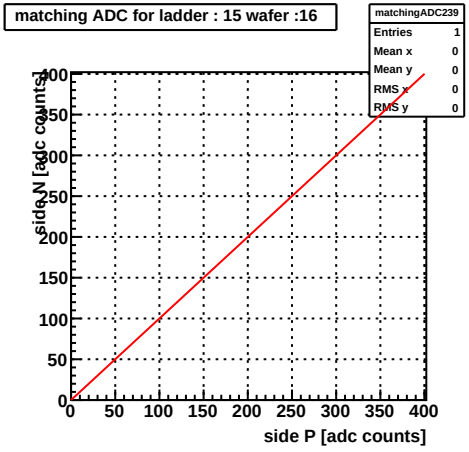

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1162
Mean x 86.27
Mean y 89.46
RMS x 61.26
RMS y 65.1
side N [adc counts]
side P [adc counts]

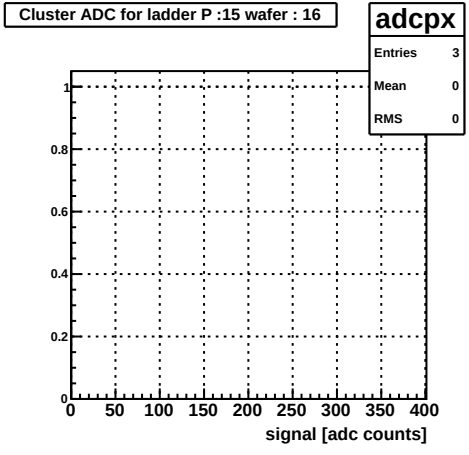

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1992
Mean 56.32
RMS 52.62
signal [adc counts]

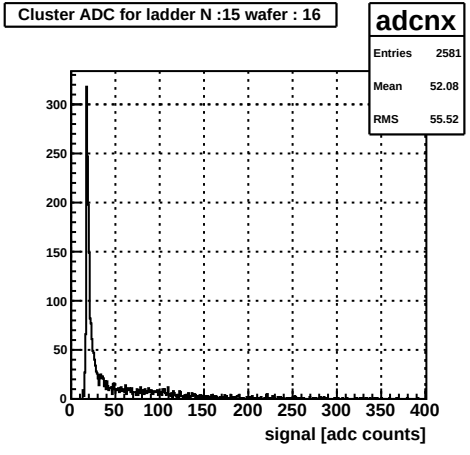

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4226
Mean 50.14
RMS 50.06
signal [adc counts]

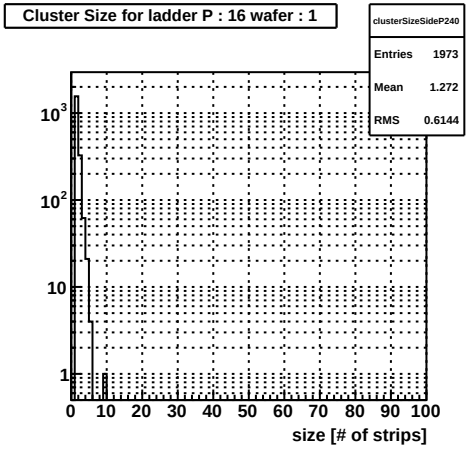

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

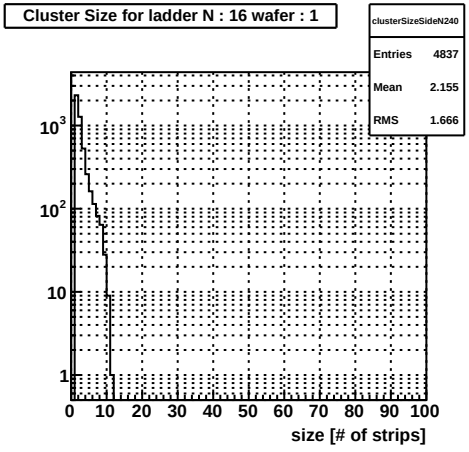

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2581
Mean 1.376
RMS 0.7936
size [# of strips]

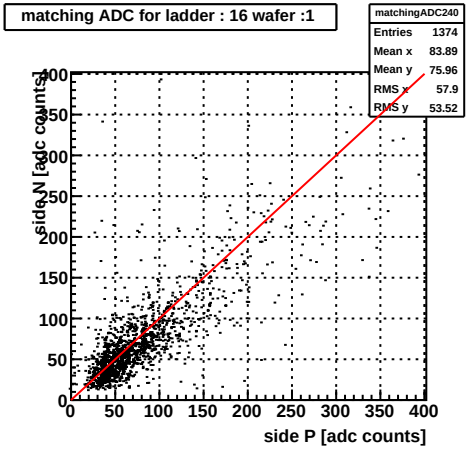

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

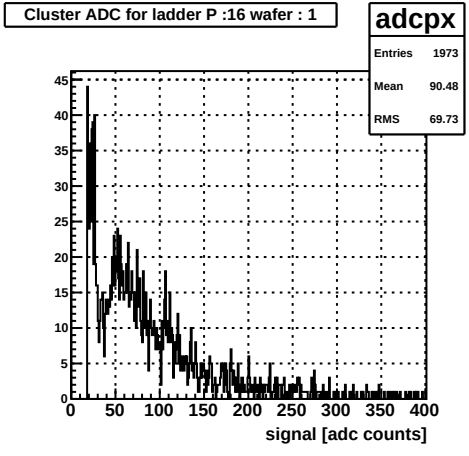

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

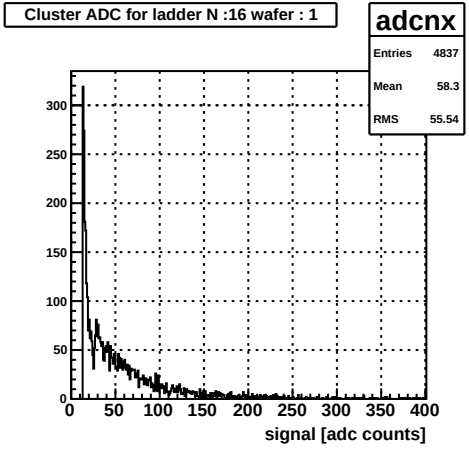

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2581
Mean 52.08
RMS 55.52
signal [adc counts]

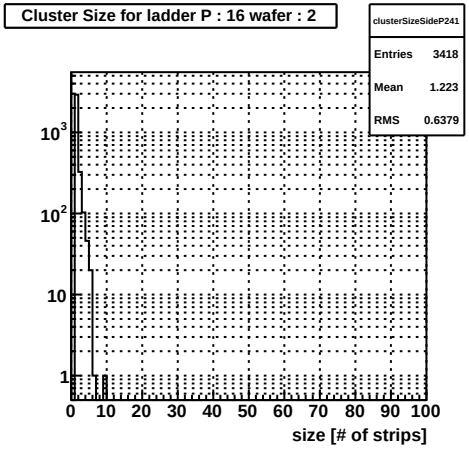

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1973
Mean 1.272
RMS 0.6144
size [# of strips]

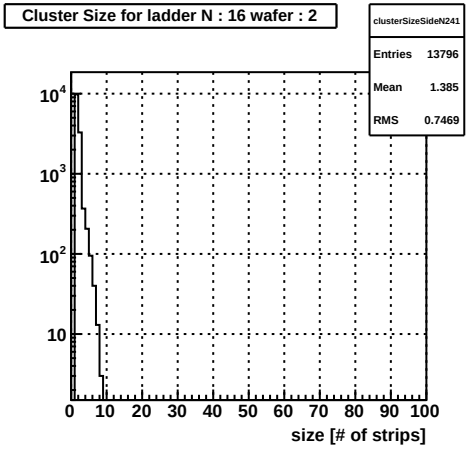

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4837
Mean 2.155
RMS 1.666
size [# of strips]

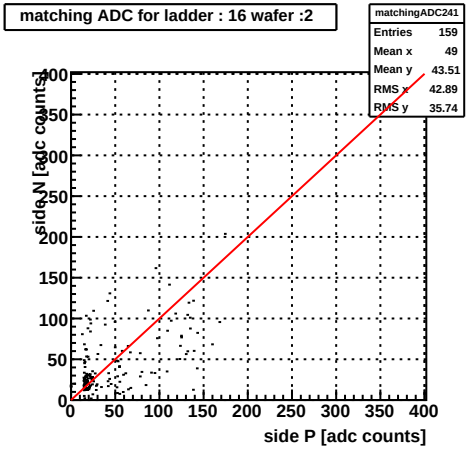

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1374
Mean x 83.89
Mean y 75.96
RMS x 57.9
RMS y 53.52
side N [adc counts]
side P [adc counts]

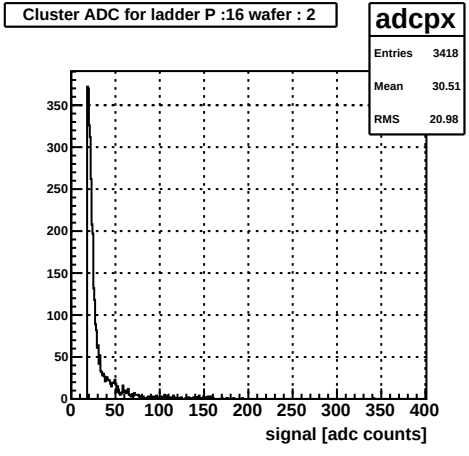

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1973
Mean 90.48
RMS 69.73
signal [adc counts]

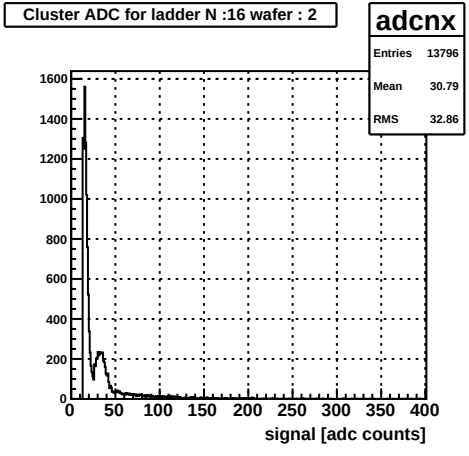

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4837
Mean 58.3
RMS 55.54
signal [adc counts]

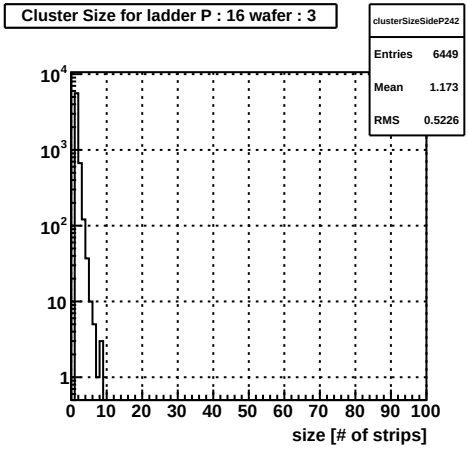

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3418
Mean 1.223
RMS 0.6379
size [# of strips]

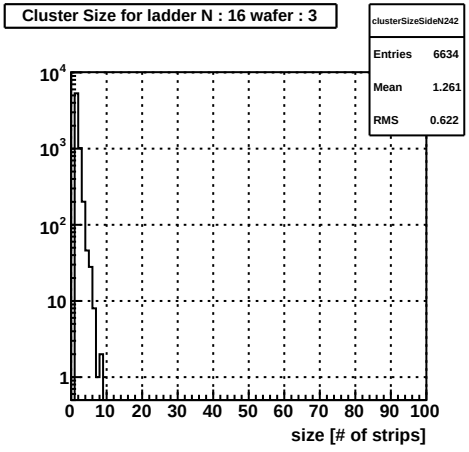

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 13796
Mean 1.385
RMS 0.7469
size [# of strips]

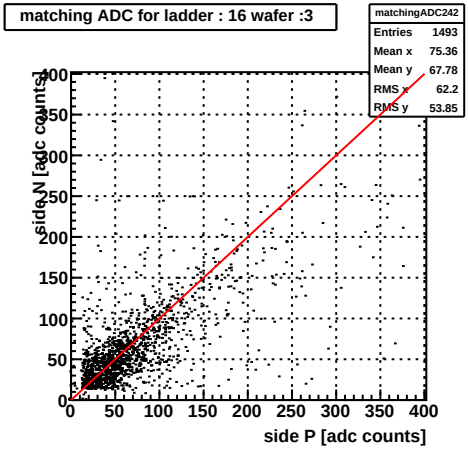

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 159
Mean x 49
Mean y 43.51
RMS x 42.89
RMS y 35.74
side N [adc counts]
side P [adc counts]

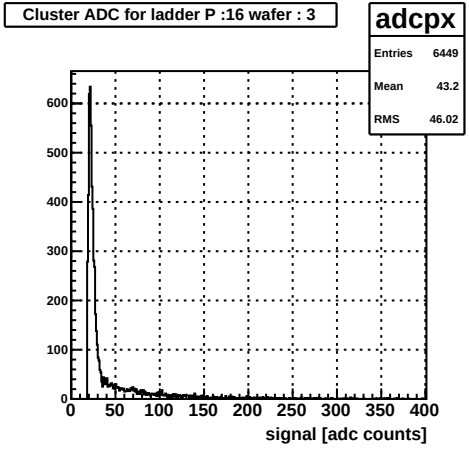

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3418
Mean 30.51
RMS 20.98
signal [adc counts]

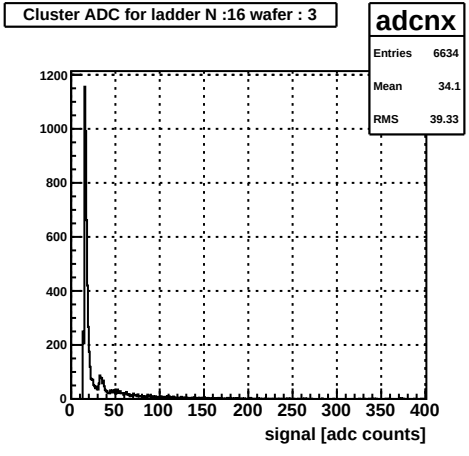

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 13796
Mean 30.79
RMS 32.86
signal [adc counts]

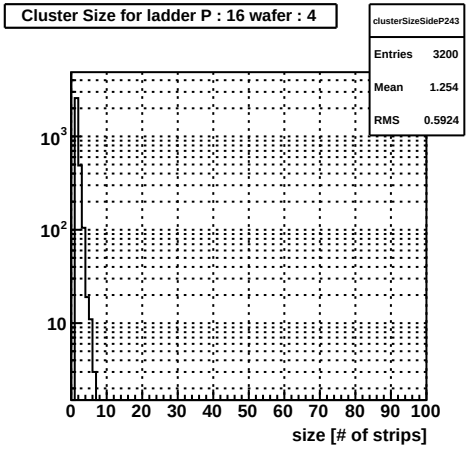

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6449
Mean 1.173
RMS 0.5226
size [# of strips]

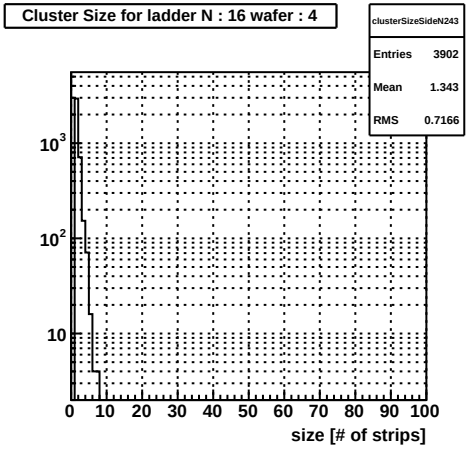

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 6634
Mean 1.261
RMS 0.622
size [# of strips]

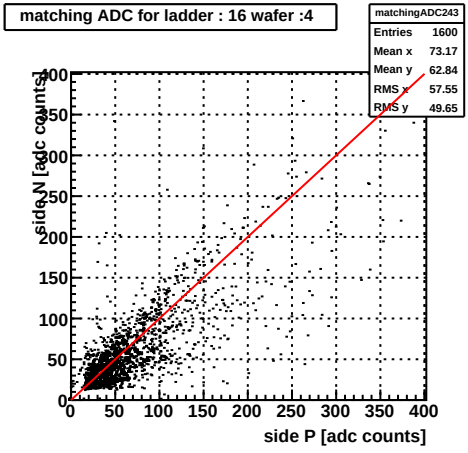

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1493
Mean x 75.36
Mean y 67.78
RMS x 62.2
RMS y 53.85
side N [adc counts]
side P [adc counts]

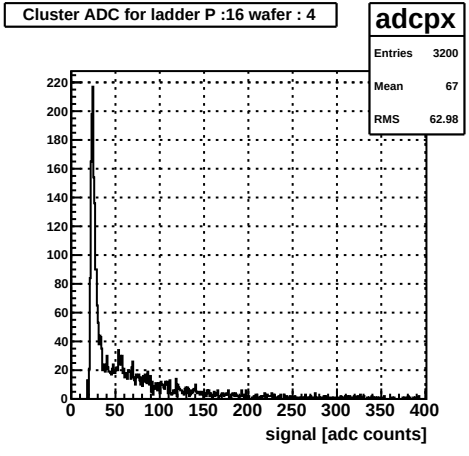

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6449
Mean 43.2
RMS 46.02
signal [adc counts]

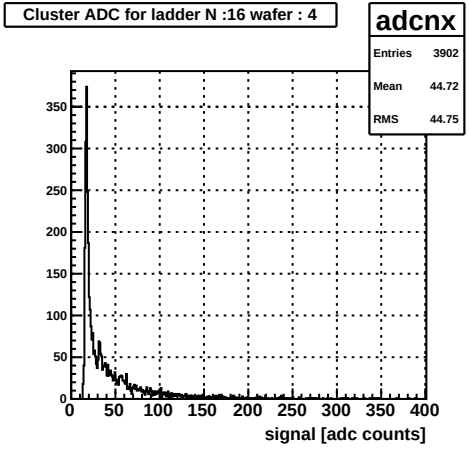

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 6634
Mean 34.1
RMS 39.33
signal [adc counts]

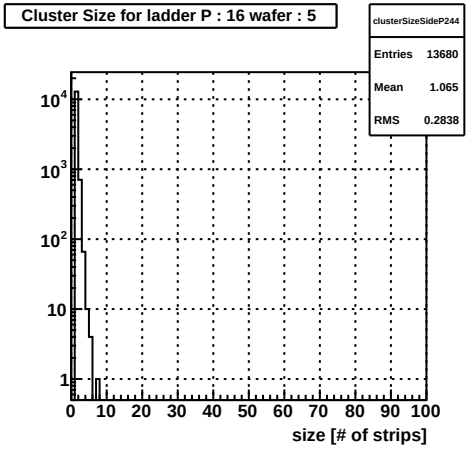

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3200
Mean 1.254
RMS 0.5924
size [# of strips]

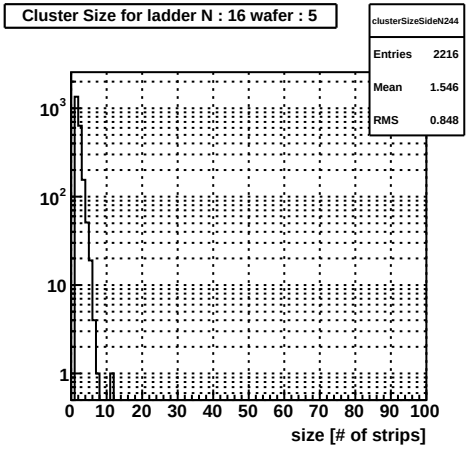

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3902
Mean 1.343
RMS 0.7166
size [# of strips]

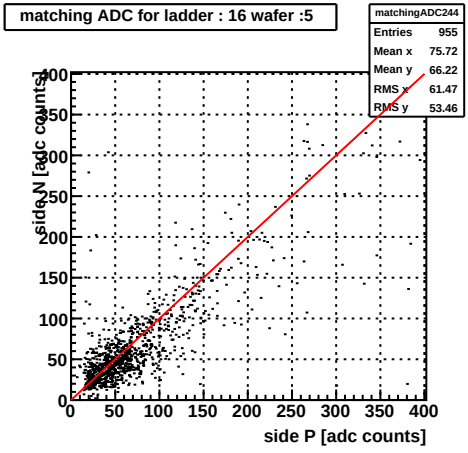

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1600
Mean x 73.17
Mean y 62.84
RMS x 57.55
RMS y 49.65
side N [adc counts]
side P [adc counts]

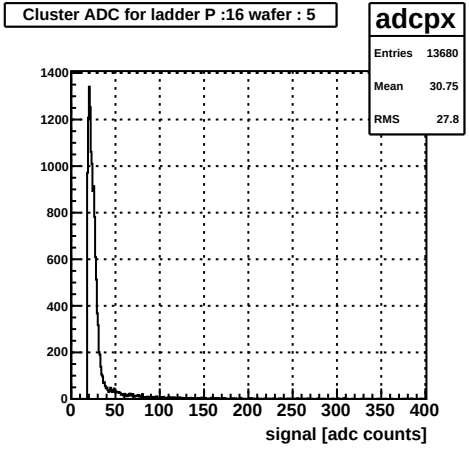

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3200
Mean 67
RMS 62.98
signal [adc counts]

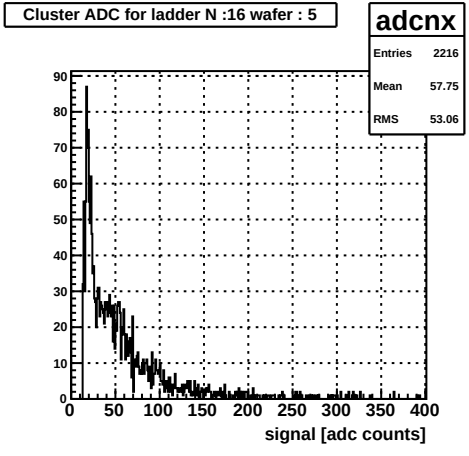

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3902
Mean 44.72
RMS 44.75
signal [adc counts]

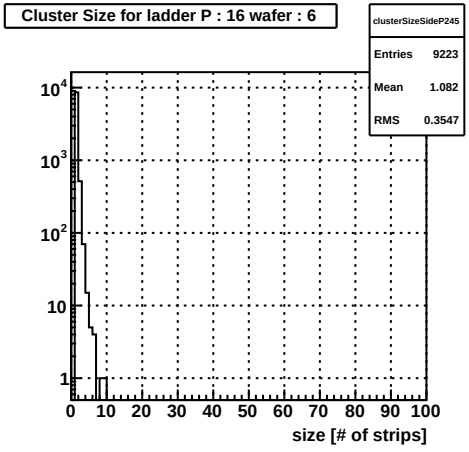

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13680
Mean 1.065
RMS 0.2838
size [# of strips]

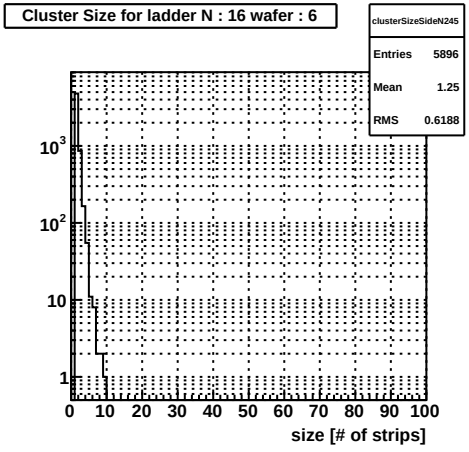

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2216
Mean 1.546
RMS 0.848
size [# of strips]

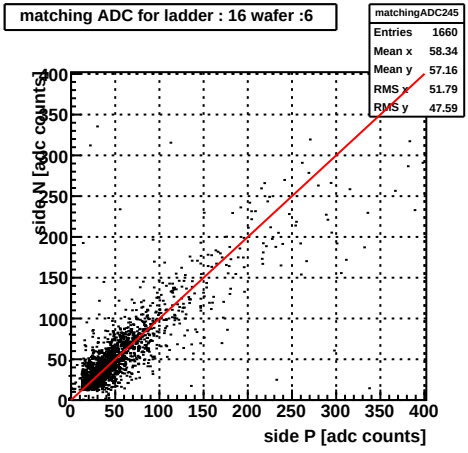

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 955
Mean x 75.72
Mean y 66.22
RMS x 61.47
RMS y 53.46
side N [adc counts]
side P [adc counts]

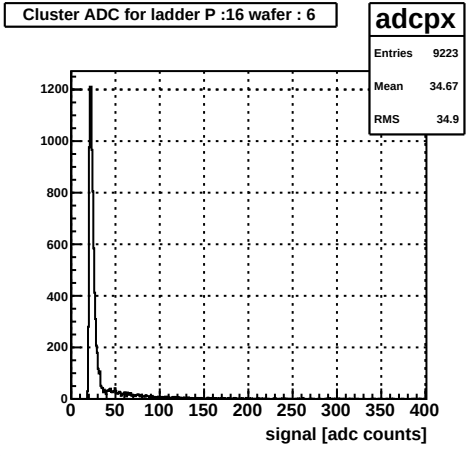

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13680
Mean 30.75
RMS 27.8
signal [adc counts]

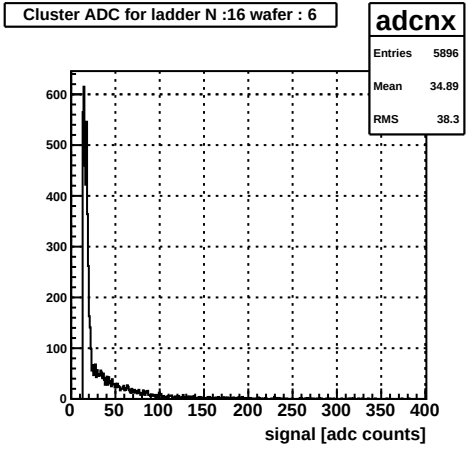

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2216
Mean 57.75
RMS 53.06
signal [adc counts]

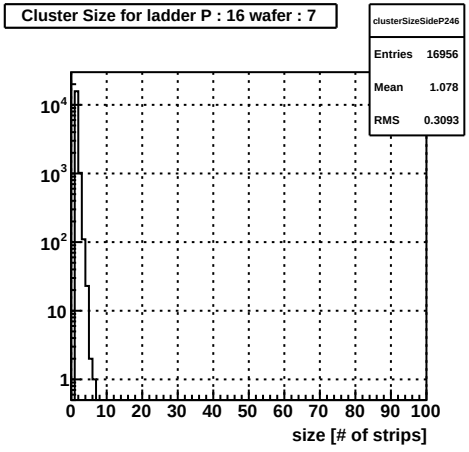

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9223
Mean 1.082
RMS 0.3547
size [# of strips]

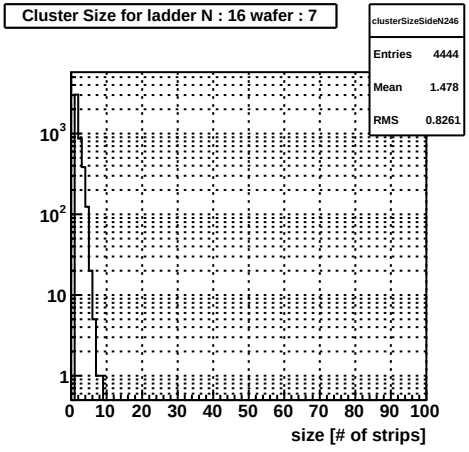

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 5896
Mean 1.25
RMS 0.6188
size [# of strips]

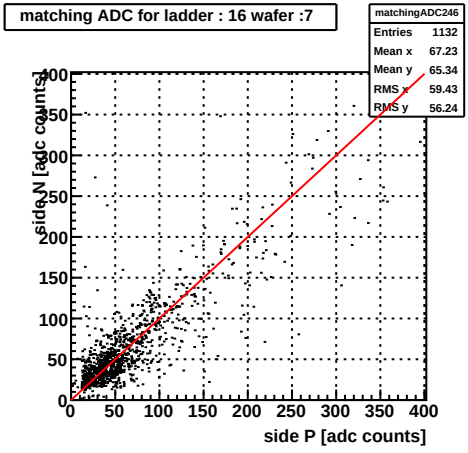

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1660
Mean x 58.34
Mean y 57.16
RMS x 51.79
RMS y 47.59
side N [adc counts]
side P [adc counts]

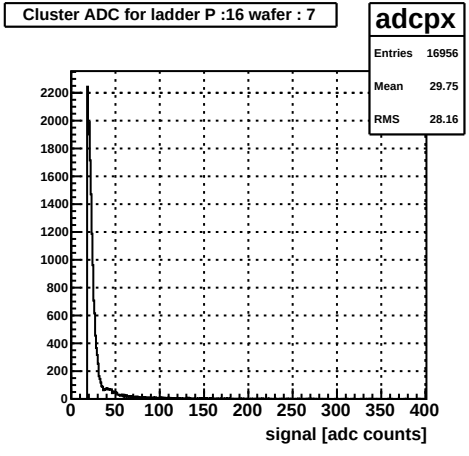

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9223
Mean 34.67
RMS 34.9
signal [adc counts]

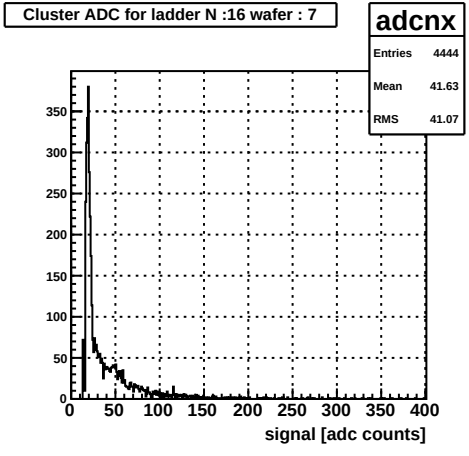

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 5896
Mean 34.89
RMS 38.3
signal [adc counts]

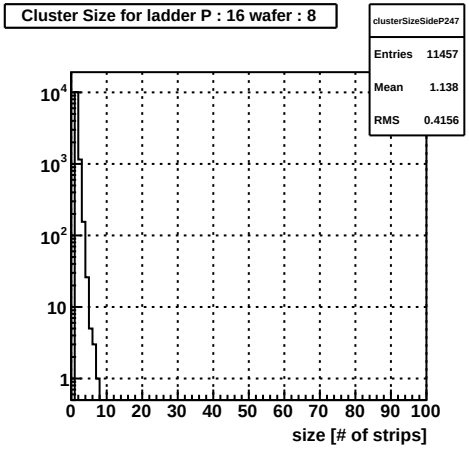

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 16956
Mean 1.078
RMS 0.3093
size [# of strips]

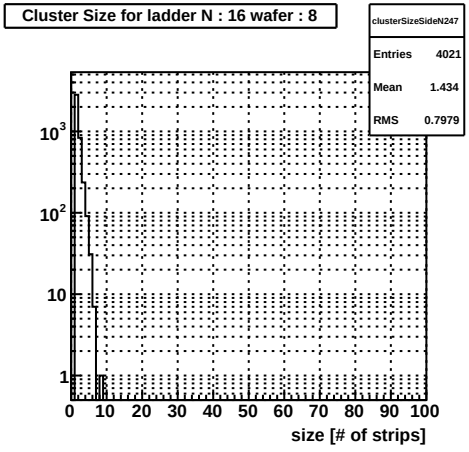

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4444
Mean 1.478
RMS 0.8261
size [# of strips]

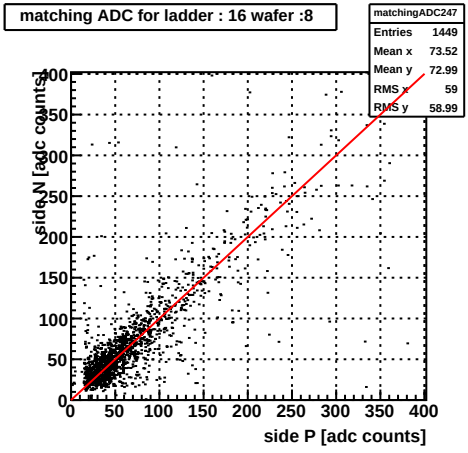

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1132
Mean x 67.23
Mean y 65.34
RMS x 59.43
RMS y 56.24
side N [adc counts]
side P [adc counts]

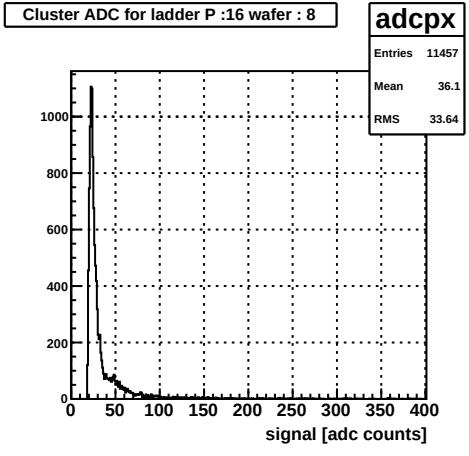

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 16956
Mean 29.75
RMS 28.16
signal [adc counts]

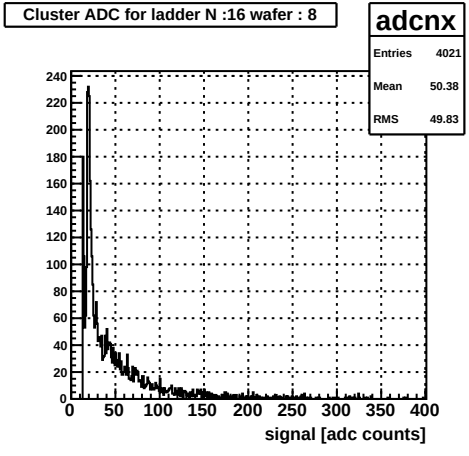

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4444
Mean 41.63
RMS 41.07
signal [adc counts]

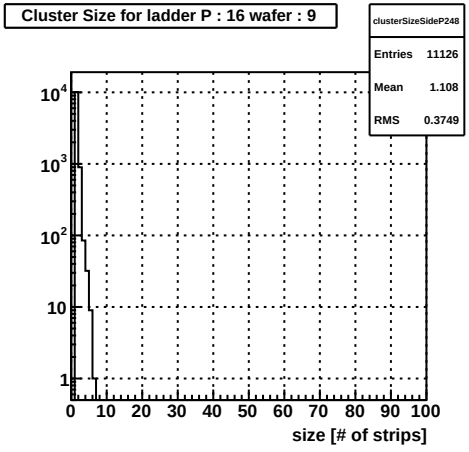

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11457
Mean 1.138
RMS 0.4156
size [# of strips]

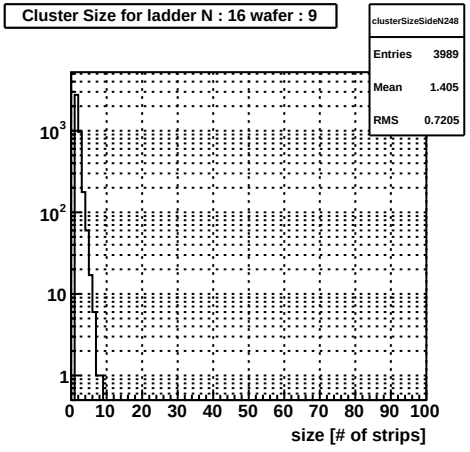

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4021
Mean 1.434
RMS 0.7979
size [# of strips]

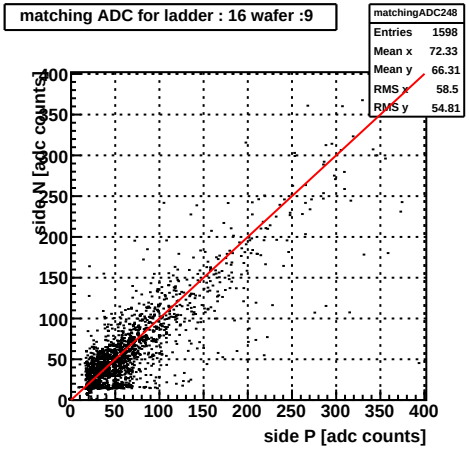

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1449
Mean x 73.52
Mean y 72.99
RMS x 59
RMS y 58.99
side N [adc counts]
side P [adc counts]

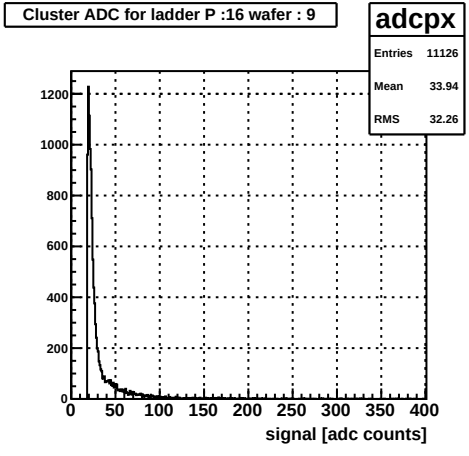

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11457
Mean 36.1
RMS 33.64
signal [adc counts]

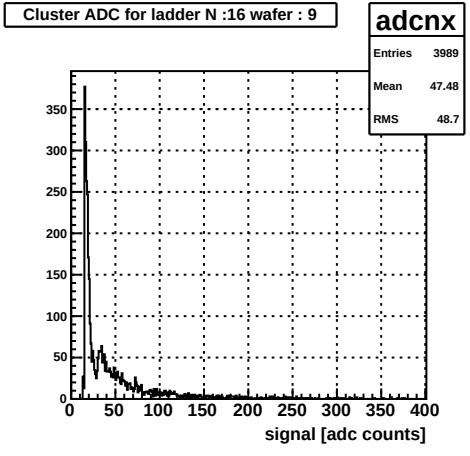

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4021
Mean 50.38
RMS 49.83
signal [adc counts]

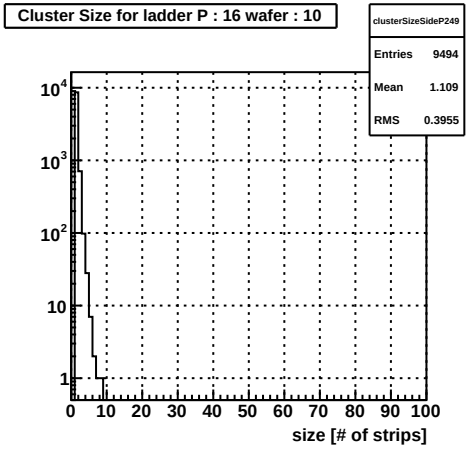

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11126
Mean 1.108
RMS 0.3749
size [# of strips]

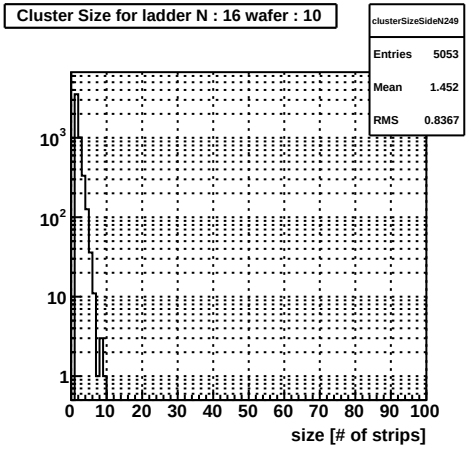

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3989
Mean 1.405
RMS 0.7205
size [# of strips]

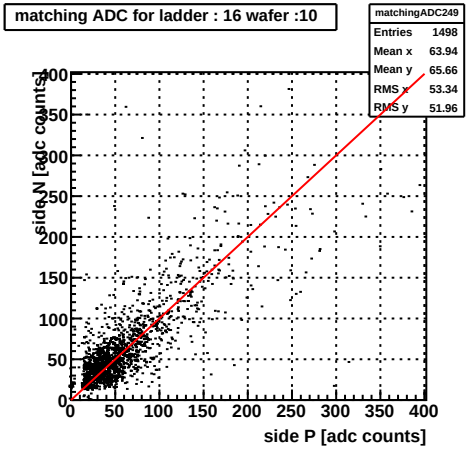

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1598
Mean x 72.33
Mean y 66.31
RMS x 58.5
RMS y 54.81
side N [adc counts]
side P [adc counts]

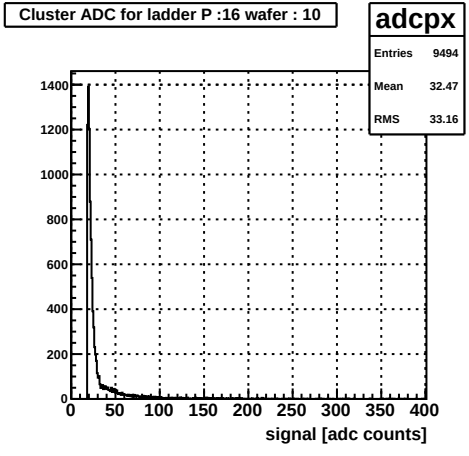

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11126
Mean 33.94
RMS 32.26
signal [adc counts]

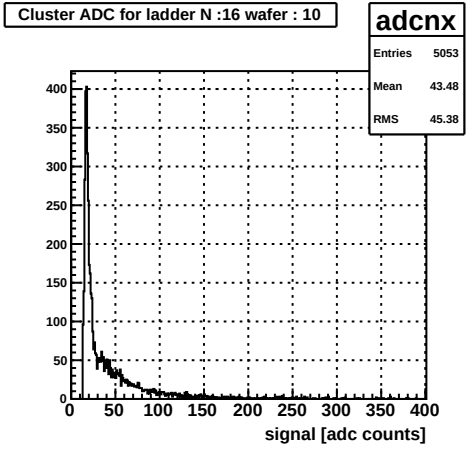

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3989
Mean 47.48
RMS 48.7
signal [adc counts]

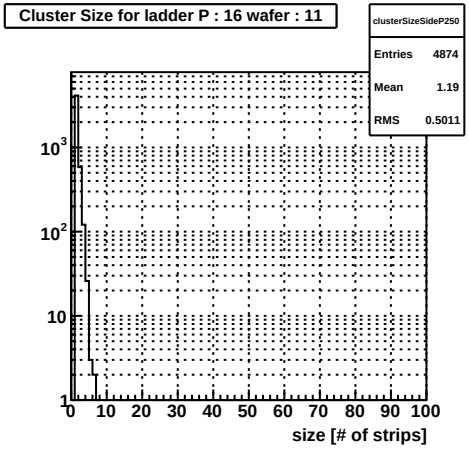

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9494
Mean 1.109
RMS 0.3955
size [# of strips]

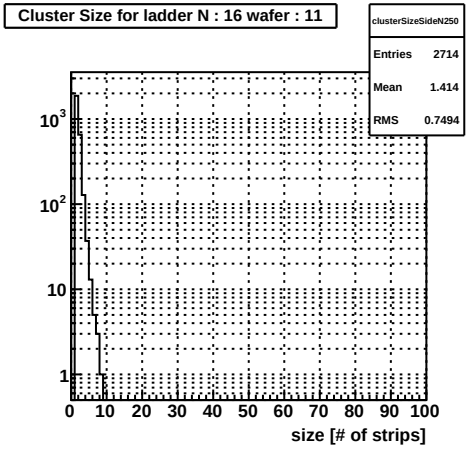

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5053
Mean 1.452
RMS 0.8367
size [# of strips]

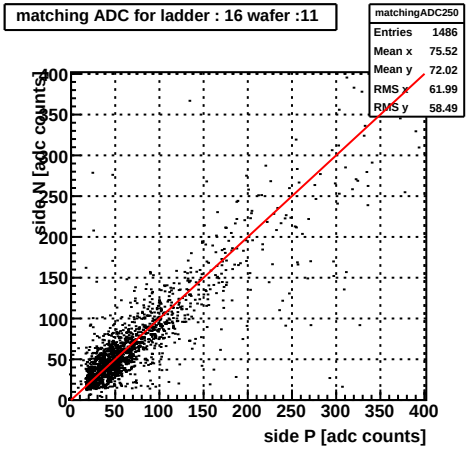

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1498
Mean x 63.94
Mean y 65.66
RMS x 53.34
RMS y 51.96
side N [adc counts]
side P [adc counts]

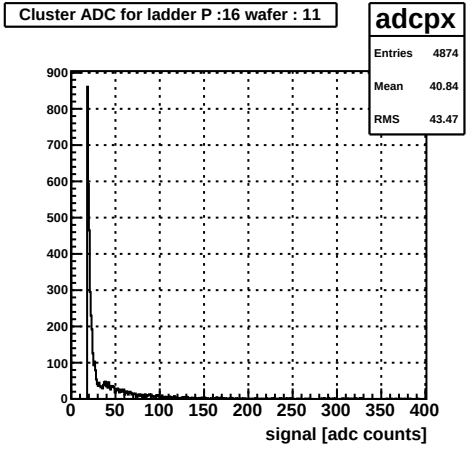

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9494
Mean 32.47
RMS 33.16
signal [adc counts]

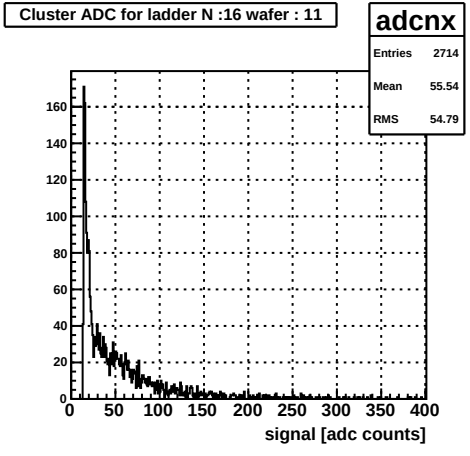

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5053
Mean 43.48
RMS 45.38
signal [adc counts]

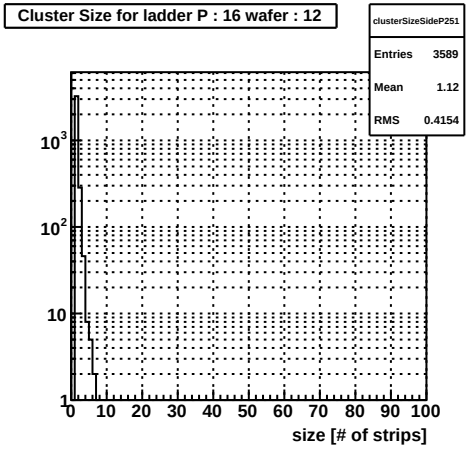

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4874
Mean 1.19
RMS 0.5011
size [# of strips]

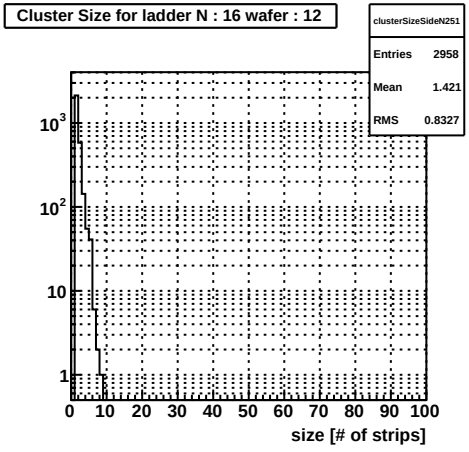

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2714
Mean 1.414
RMS 0.7494
size [# of strips]

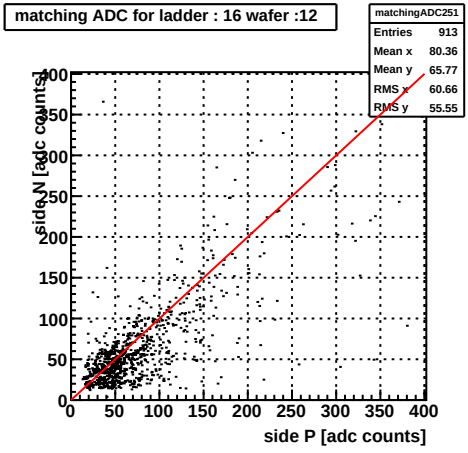

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1486
Mean x 75.52
Mean y 72.02
RMS x 61.99
RMS y 58.49
side N [adc counts]
side P [adc counts]

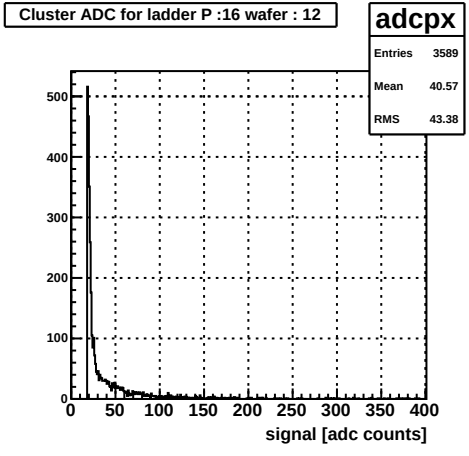

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4874
Mean 40.84
RMS 43.47
signal [adc counts]

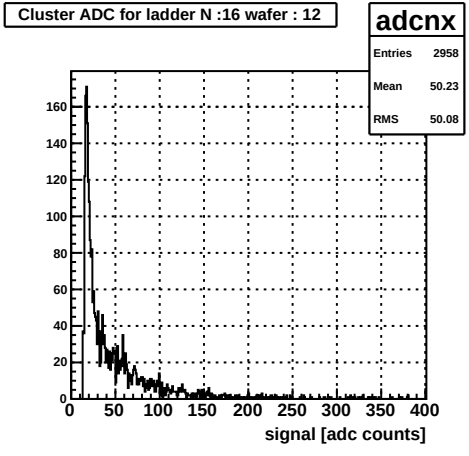

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2714
Mean 55.54
RMS 54.79
signal [adc counts]

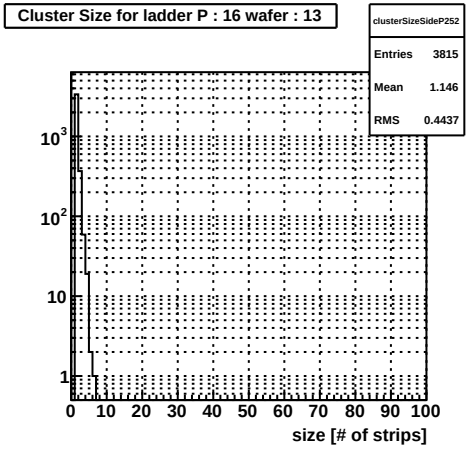

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3589
Mean 1.12
RMS 0.4154
size [# of strips]

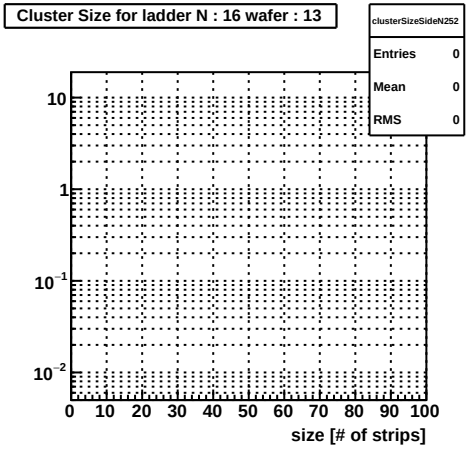

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2958
Mean 1.421
RMS 0.8327
size [# of strips]

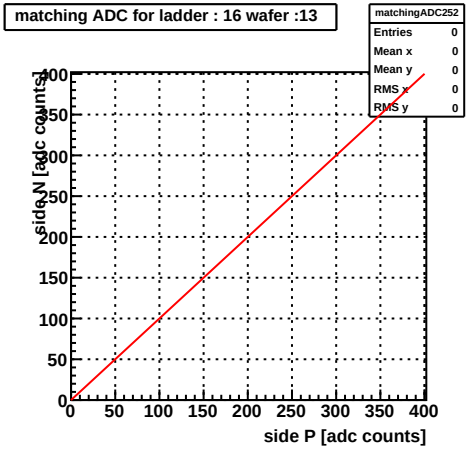

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 913
Mean x 80.36
Mean y 65.77
RMS x 60.66
RMS y 55.55
side N [adc counts]
side P [adc counts]

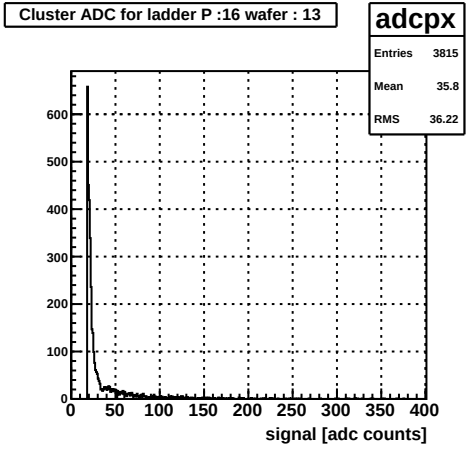

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3589
Mean 40.57
RMS 43.38
signal [adc counts]

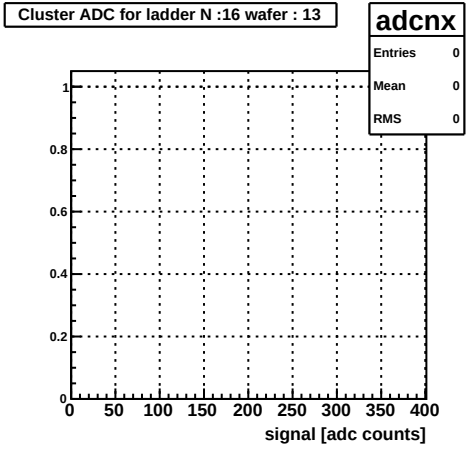

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2958
Mean 50.23
RMS 50.08
signal [adc counts]

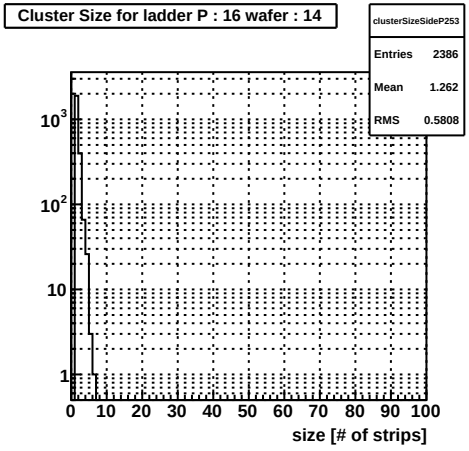

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3815
Mean 1.146
RMS 0.4437
size [# of strips]

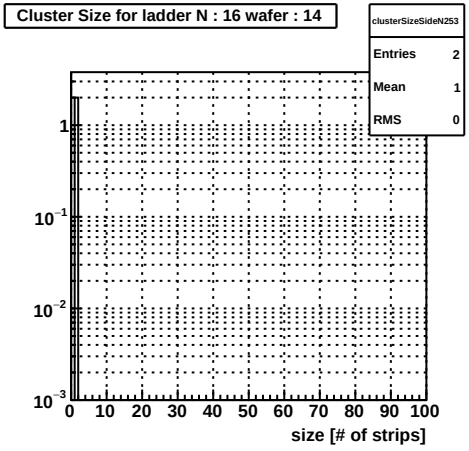

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

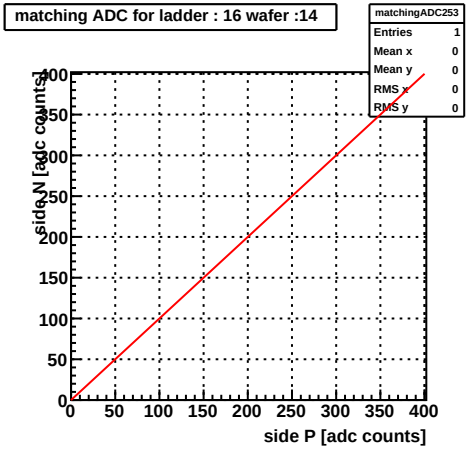

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

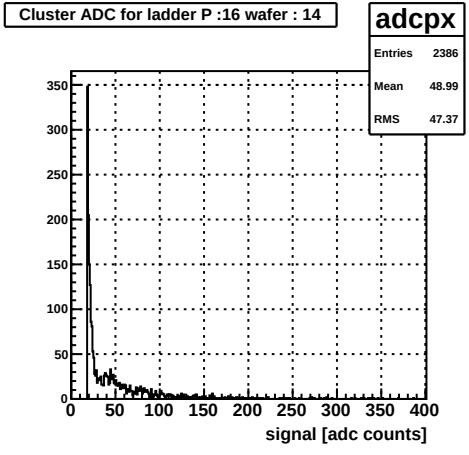

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3815
Mean 35.8
RMS 36.22
signal [adc counts]

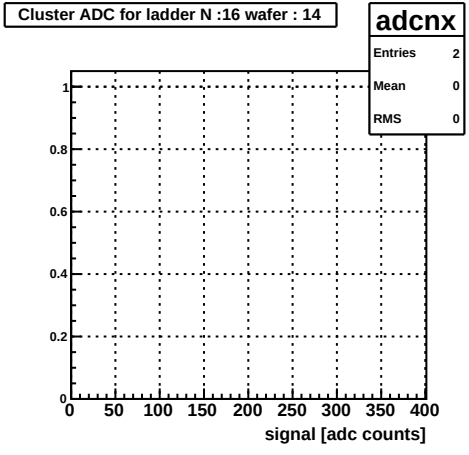

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

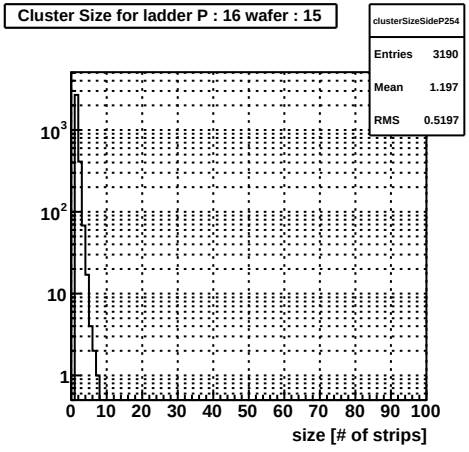

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2386
Mean 1.262
RMS 0.5808
size [# of strips]

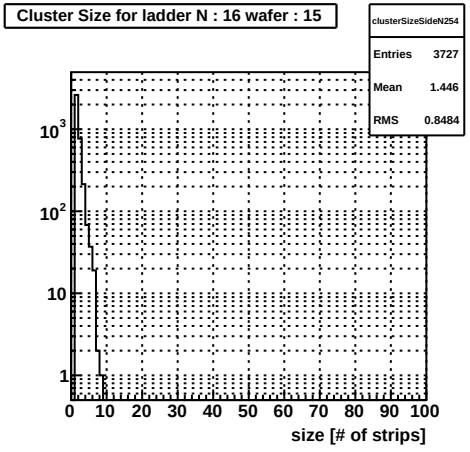

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

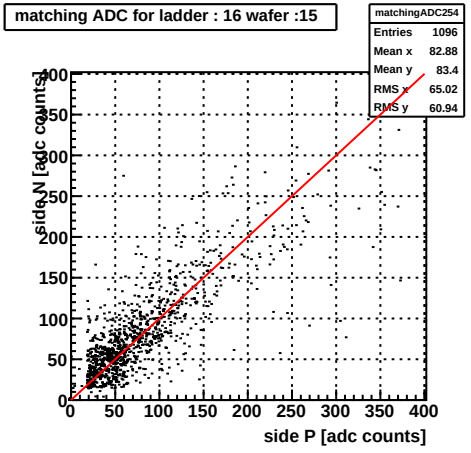

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

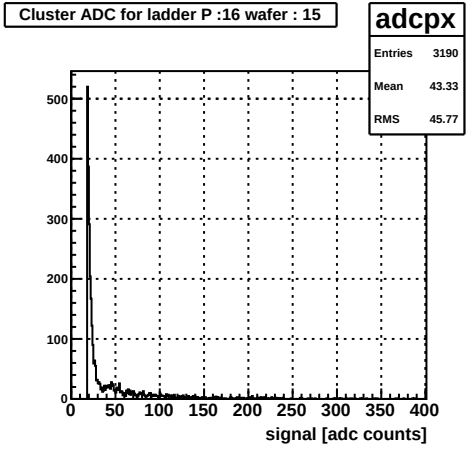

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2386
Mean 48.99
RMS 47.37
signal [adc counts]

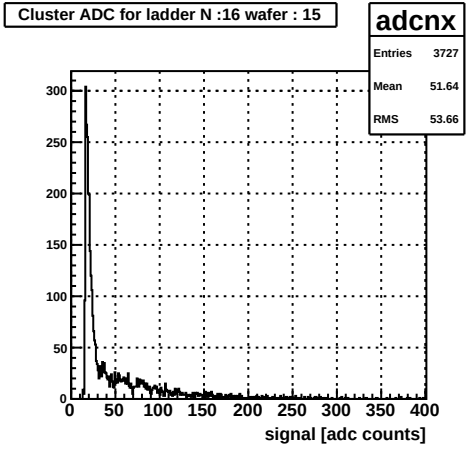

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

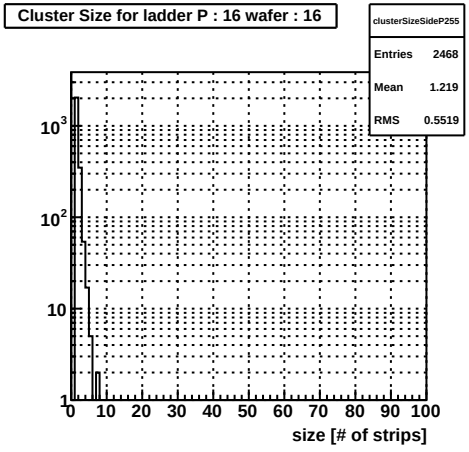

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3190
Mean 1.197
RMS 0.5197
size [# of strips]

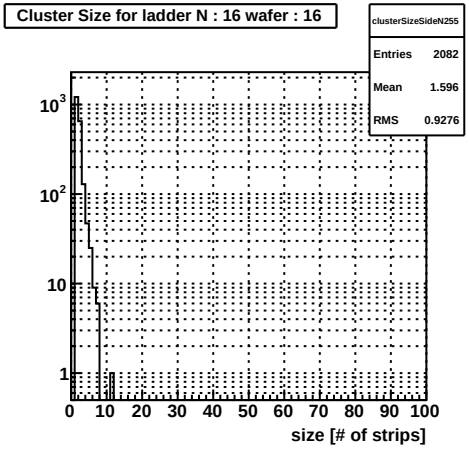

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3727
Mean 1.446
RMS 0.8484
size [# of strips]

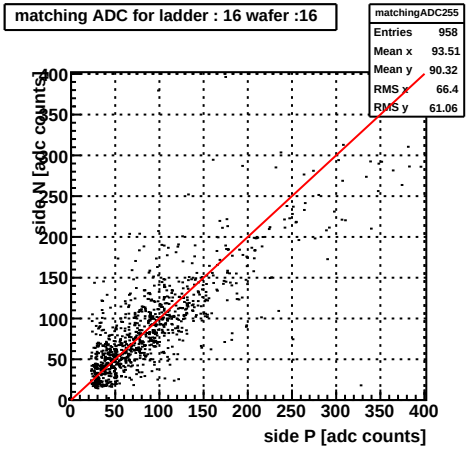

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1096
Mean x 82.88
Mean y 83.4
RMS x 65.02
RMS y 60.94
side N [adc counts]
side P [adc counts]

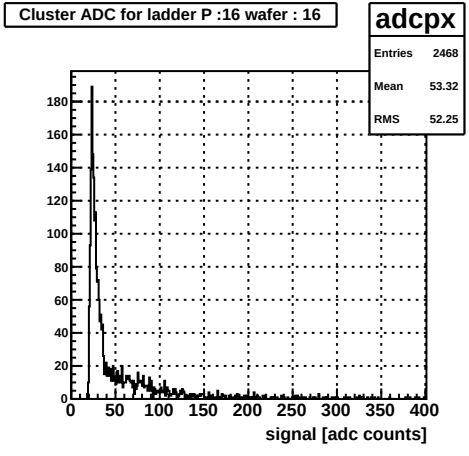

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3190
Mean 43.33
RMS 45.77
signal [adc counts]

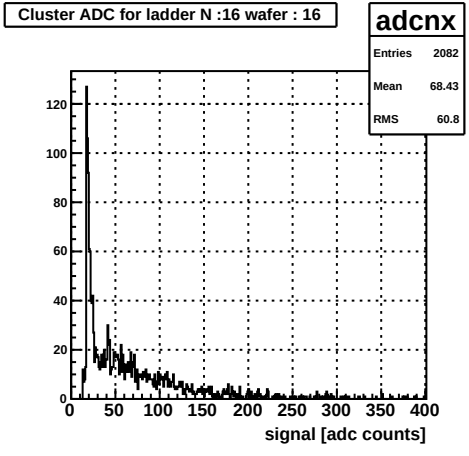

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3727
Mean 51.64
RMS 53.66
signal [adc counts]

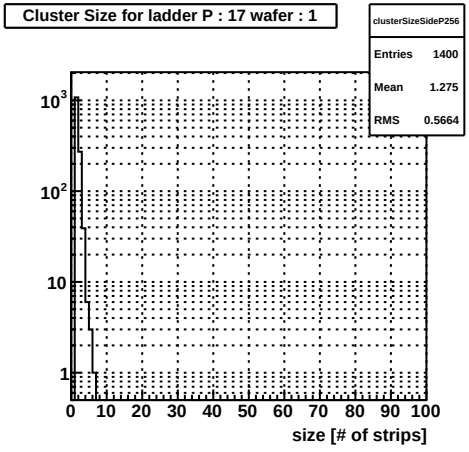

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2468
Mean 1.219
RMS 0.5519
size [# of strips]

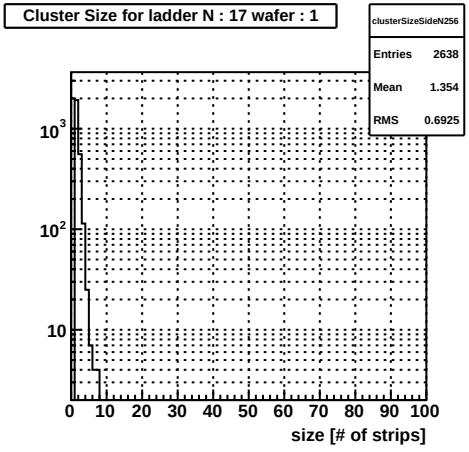

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2082
Mean 1.596
RMS 0.9276
size [# of strips]

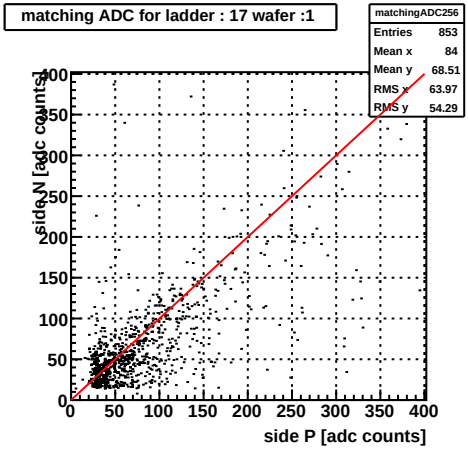

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 958
Mean x 93.51
Mean y 90.32
RMS x 66.4
RMS y 61.06
side N [adc counts]
side P [adc counts]

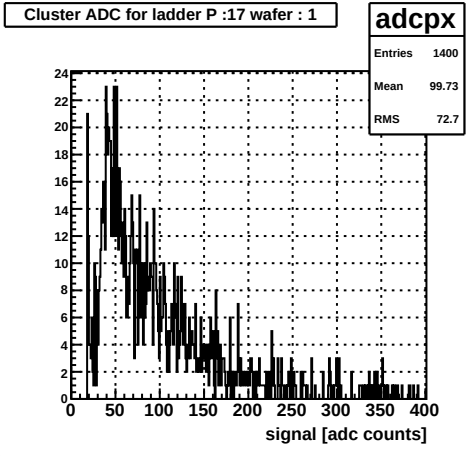

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2468
Mean 53.32
RMS 52.25
signal [adc counts]

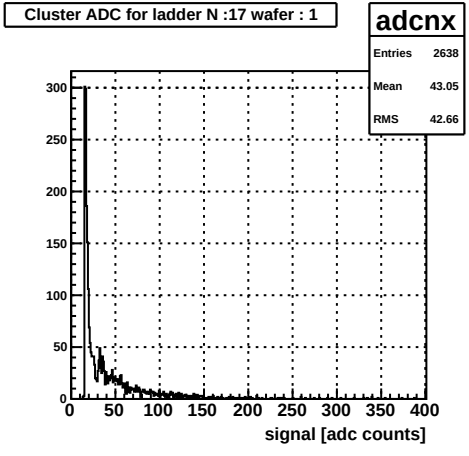

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2082
Mean 68.43
RMS 60.8
signal [adc counts]

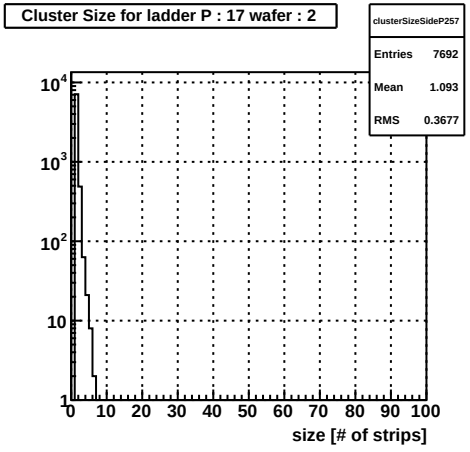

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1400
Mean 1.275
RMS 0.5664
size [# of strips]

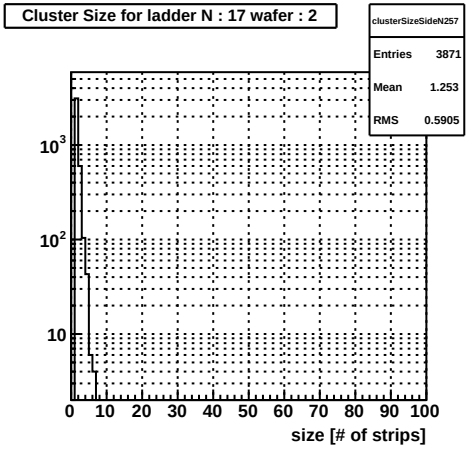

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2638
Mean 1.354
RMS 0.6925
size [# of strips]

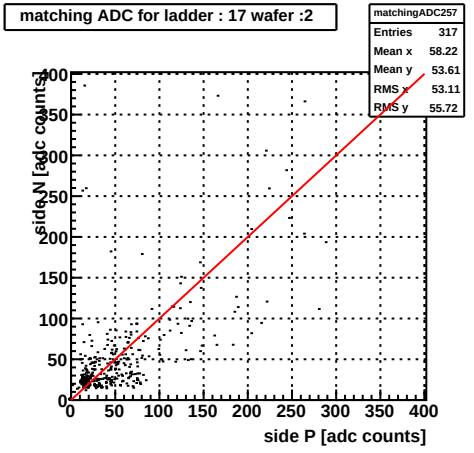

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 853
Mean x 84
Mean y 68.51
RMS x 63.97
RMS y 54.29
side N [adc counts]
side P [adc counts]

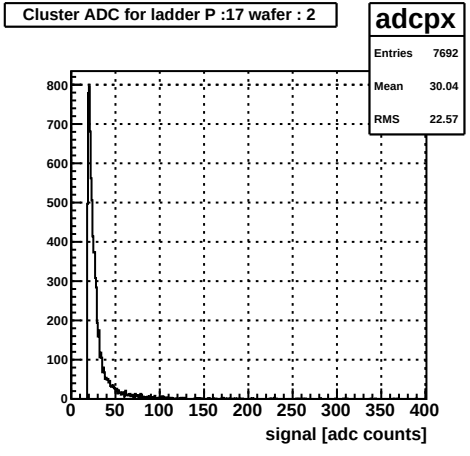

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1400
Mean 99.73
RMS 72.7
signal [adc counts]

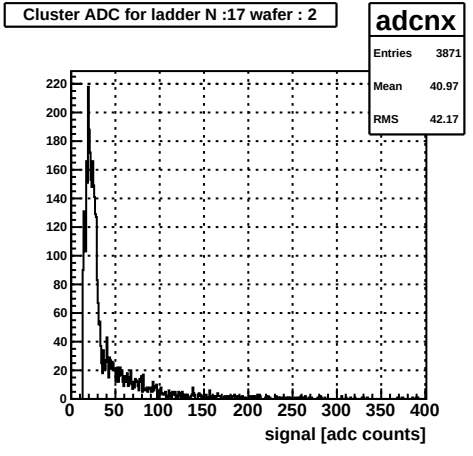

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2638
Mean 43.05
RMS 42.66
signal [adc counts]

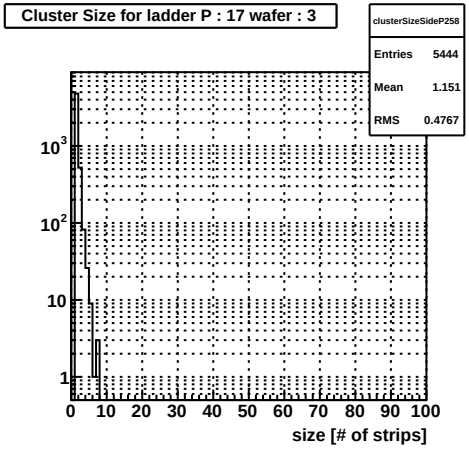

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7692
Mean 1.093
RMS 0.3677
size [# of strips]

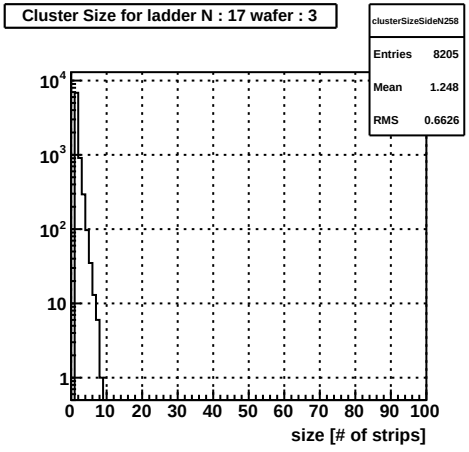

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3871
Mean 1.253
RMS 0.5905
size [# of strips]

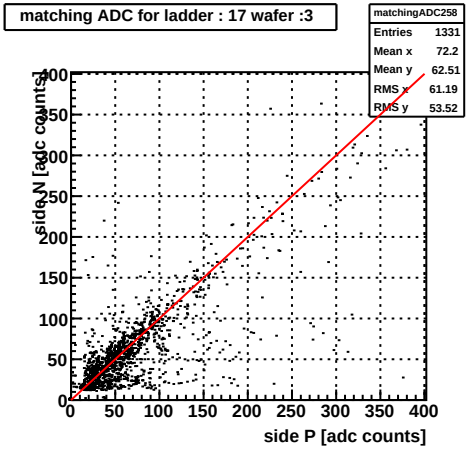

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 317
Mean x 58.22
Mean y 53.61
RMS x 53.11
RMS y 55.72
side N [adc counts]
side P [adc counts]

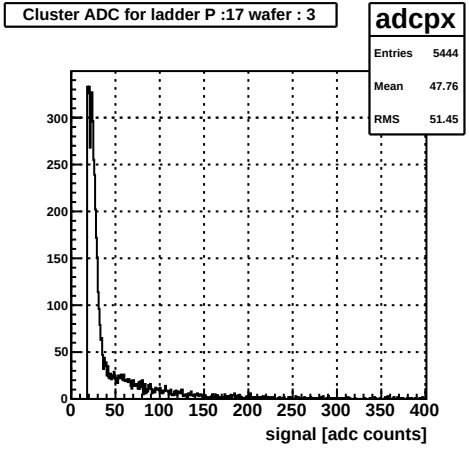

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7692
Mean 30.04
RMS 22.57
signal [adc counts]

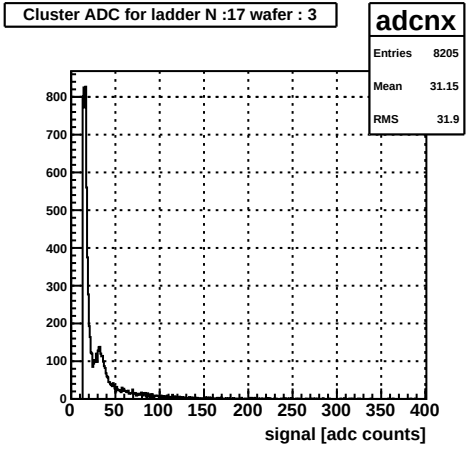

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3871
Mean 40.97
RMS 42.17
signal [adc counts]

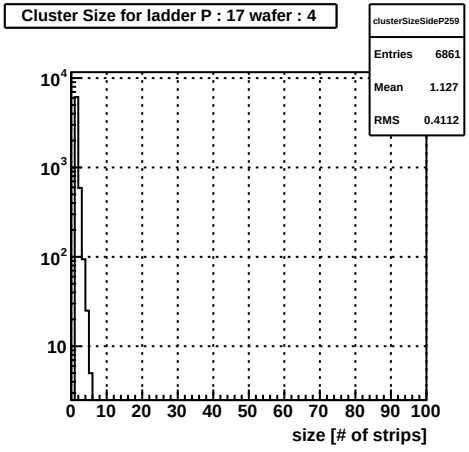

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5444
Mean 1.151
RMS 0.4767
size [# of strips]

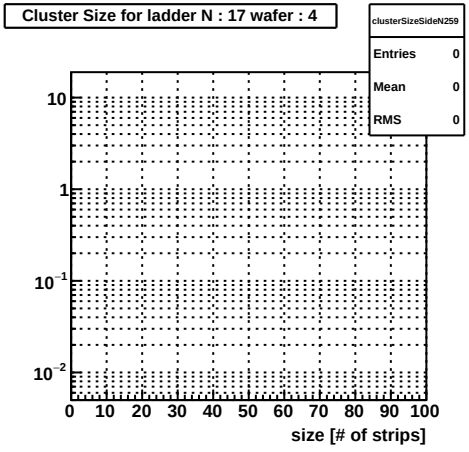

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8205
Mean 1.248
RMS 0.6626
size [# of strips]

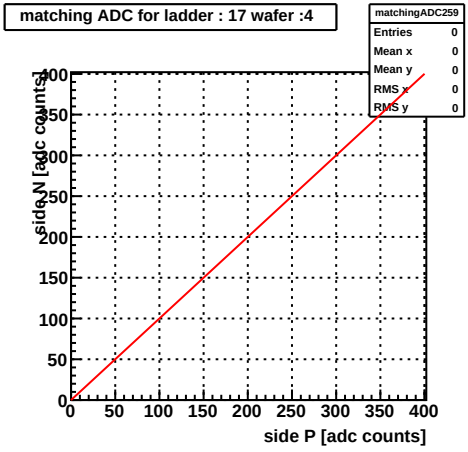

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1331
Mean x 72.2
Mean y 62.51
RMS x 61.19
RMS y 53.52
side N [adc counts]
side P [adc counts]

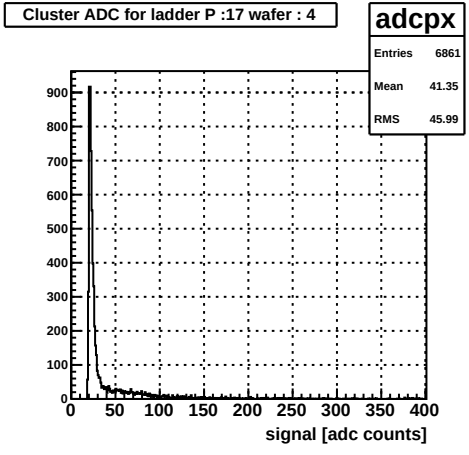

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5444
Mean 47.76
RMS 51.45
signal [adc counts]

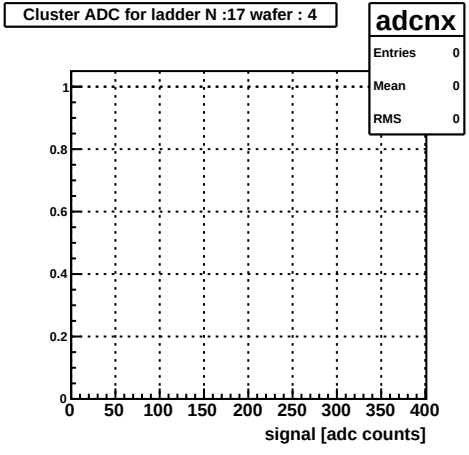

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8205
Mean 31.15
RMS 31.9
signal [adc counts]

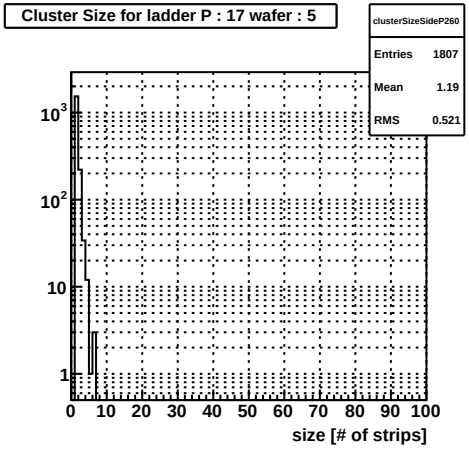

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 6861
Mean 1.127
RMS 0.4112
size [# of strips]

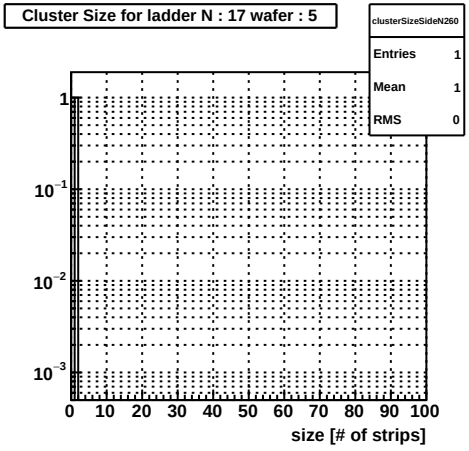

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

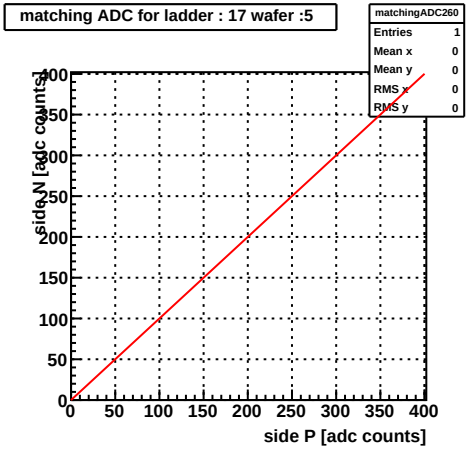

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

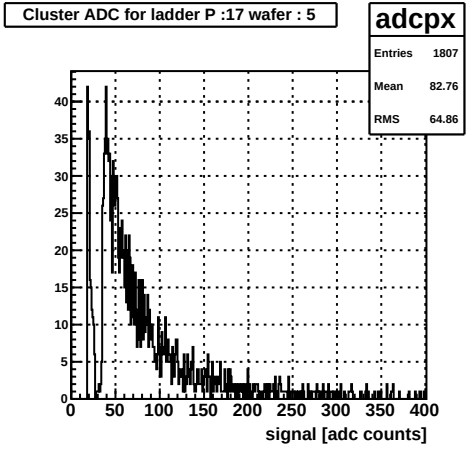

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 6861
Mean 41.35
RMS 45.99
signal [adc counts]

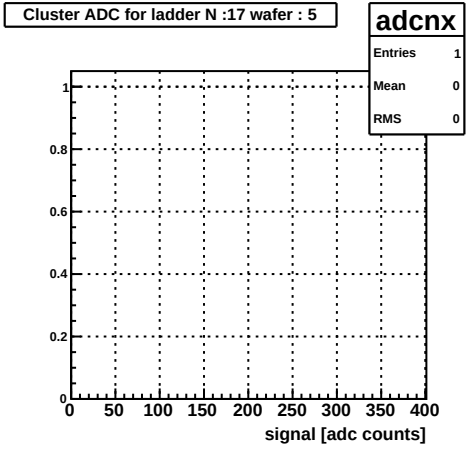

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

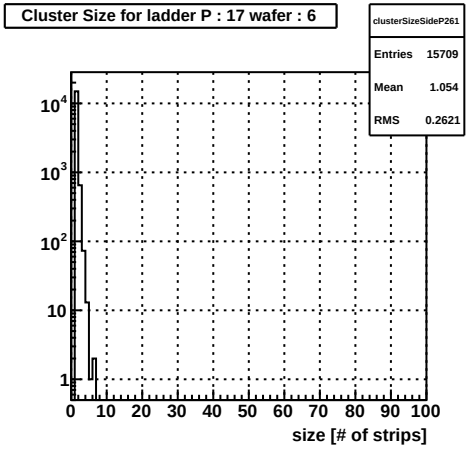

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1807
Mean 1.19
RMS 0.521
size [# of strips]

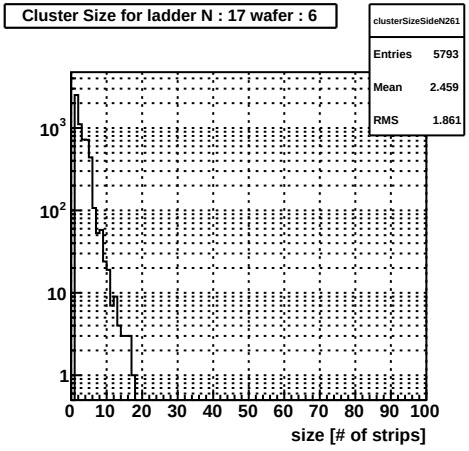

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

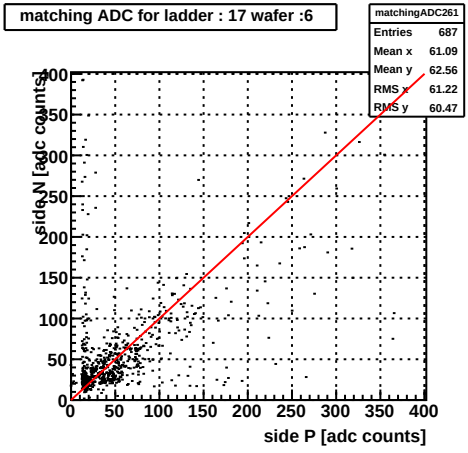

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

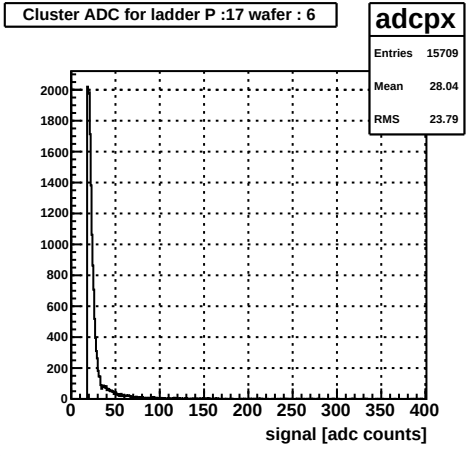

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1807
Mean 82.76
RMS 64.86
signal [adc counts]

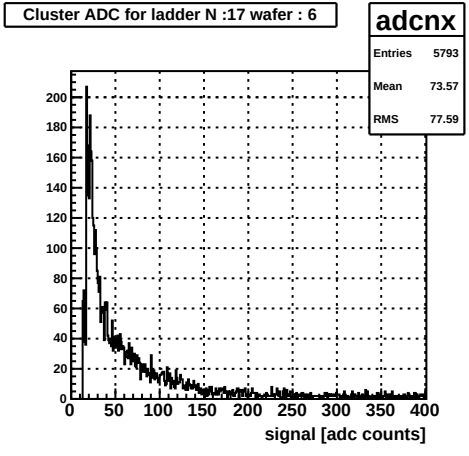

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

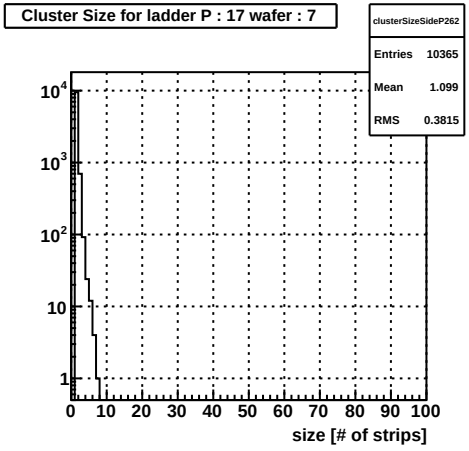

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15709
Mean 1.054
RMS 0.2621
size [# of strips]

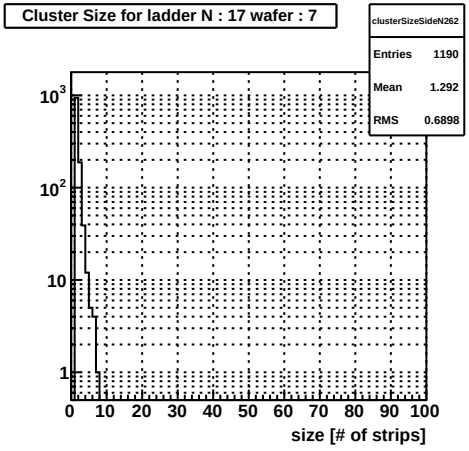

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5793
Mean 2.459
RMS 1.861
size [# of strips]

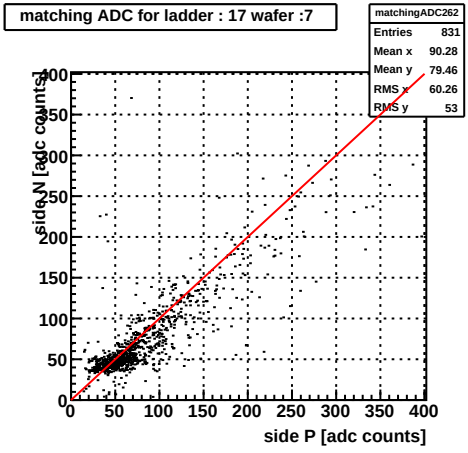

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 687
Mean x 61.09
Mean y 62.56
RMS x 61.22
RMS y 60.47
side N [adc counts]
side P [adc counts]

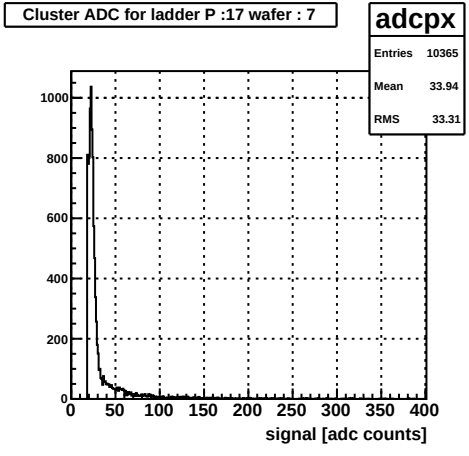

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15709
Mean 28.04
RMS 23.79
signal [adc counts]

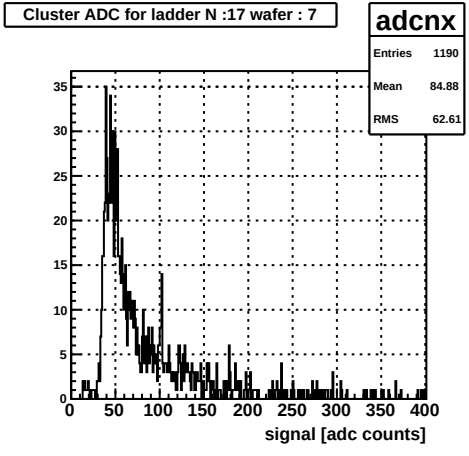

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5793
Mean 73.57
RMS 77.59
signal [adc counts]

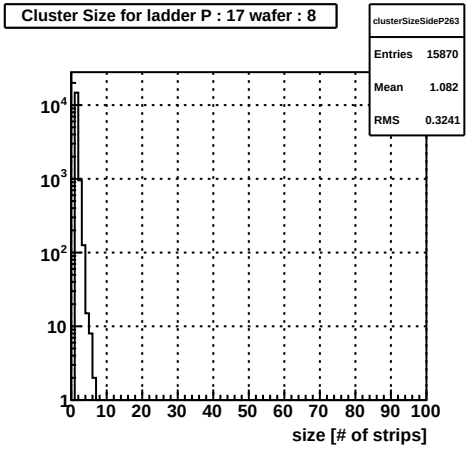

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10365
Mean 1.099
RMS 0.3815
size [# of strips]

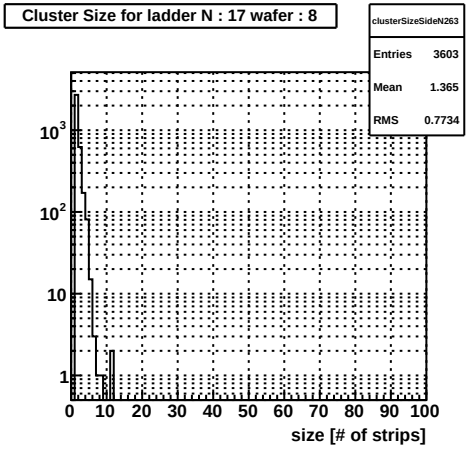

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1190
Mean 1.292
RMS 0.6898
size [# of strips]

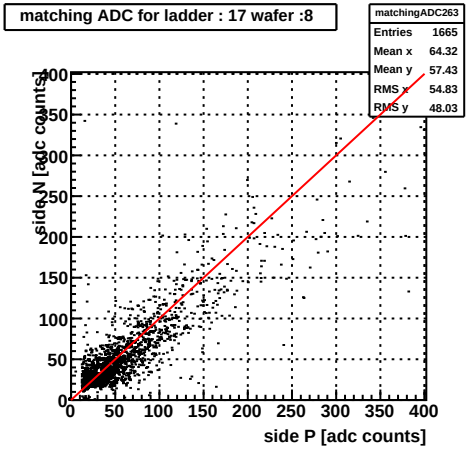

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 831
Mean x 90.28
Mean y 79.46
RMS x 60.26
RMS y 53
side N [adc counts]
side P [adc counts]

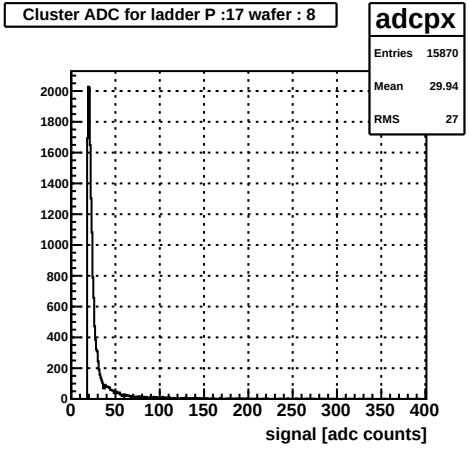

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10365
Mean 33.94
RMS 33.31
signal [adc counts]

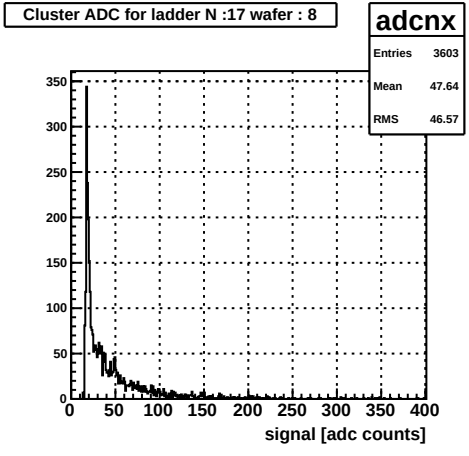

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1190
Mean 84.88
RMS 62.61
signal [adc counts]

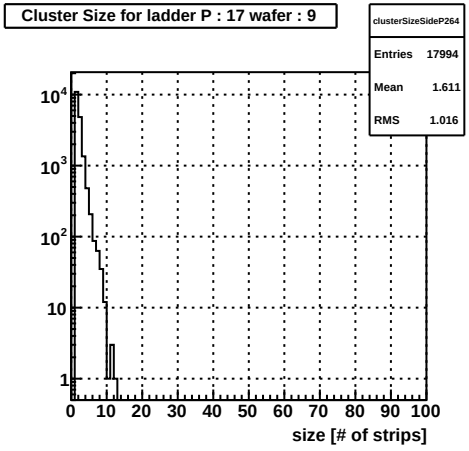

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15870
Mean 1.082
RMS 0.3241
size [# of strips]

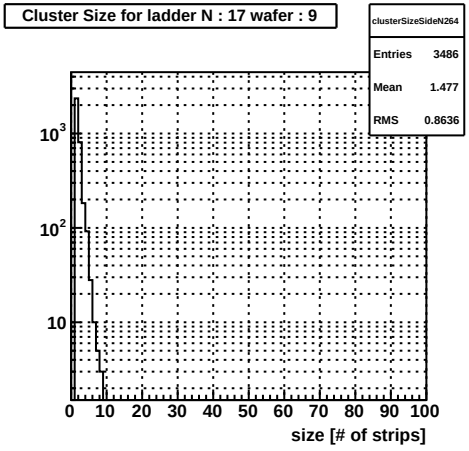

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3603
Mean 1.365
RMS 0.7734
size [# of strips]

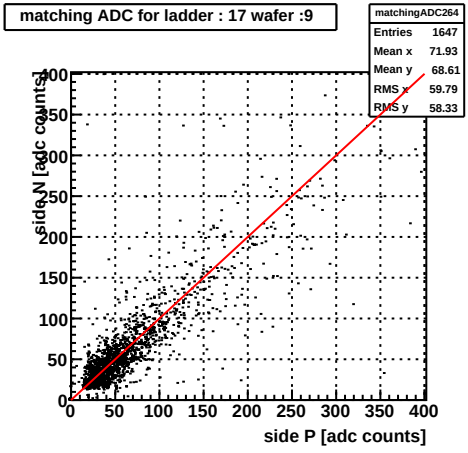

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1665
Mean x 64.32
Mean y 57.43
RMS x 54.83
RMS y 48.03
side N [adc counts]
side P [adc counts]

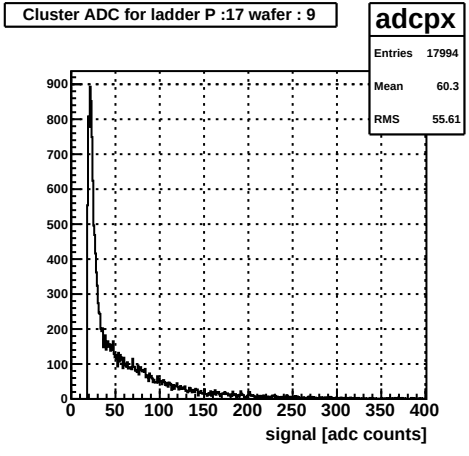

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15870
Mean 29.94
RMS 27
signal [adc counts]

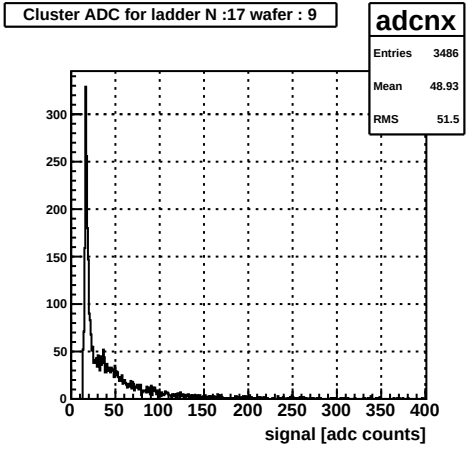

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3603
Mean 47.64
RMS 46.57
signal [adc counts]

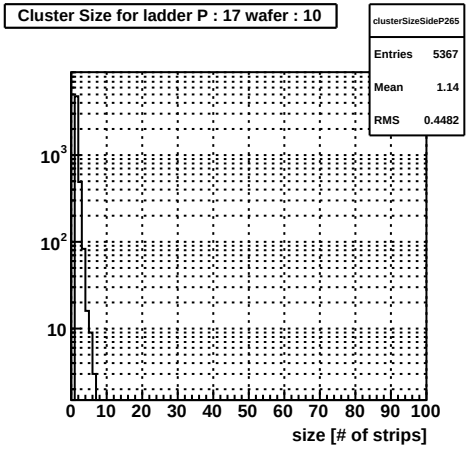

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17994
Mean 1.611
RMS 1.016
size [# of strips]

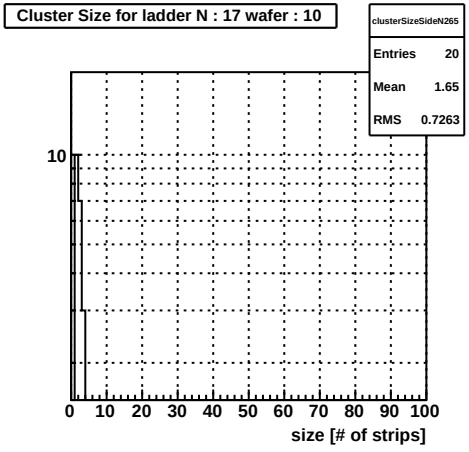

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3486
Mean 1.477
RMS 0.8636
size [# of strips]

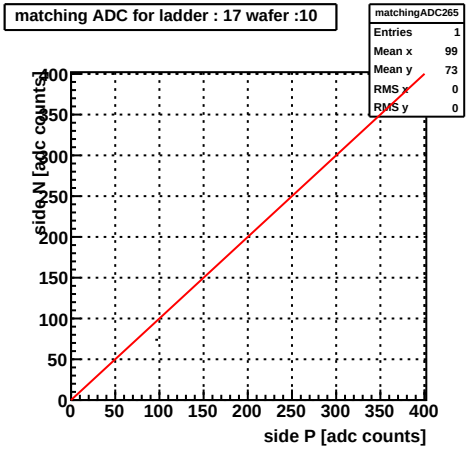

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1647
Mean x 71.93
Mean y 68.61
RMS x 59.79
RMS y 58.33
side N [adc counts]
side P [adc counts]

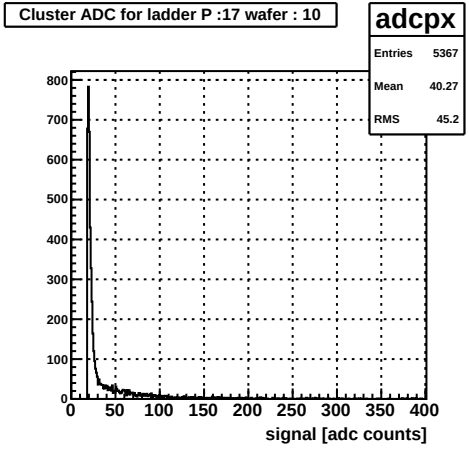

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17994
Mean 60.3
RMS 55.61
signal [adc counts]

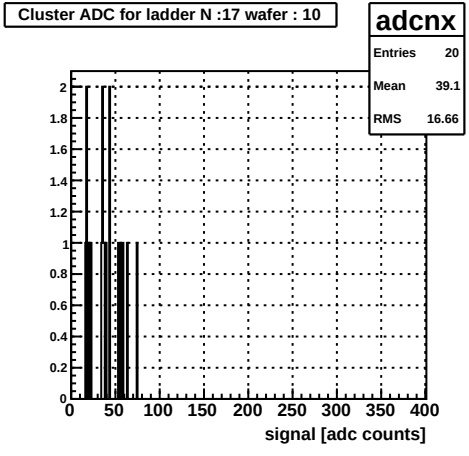

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3486
Mean 48.93
RMS 51.5
signal [adc counts]

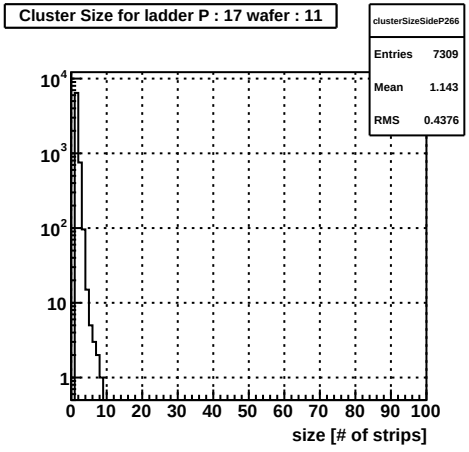

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5367
Mean 1.14
RMS 0.4482
size [# of strips]

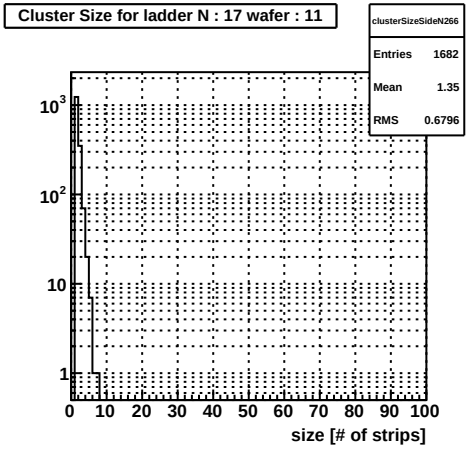

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 20
Mean 1.65
RMS 0.7263
size [# of strips]

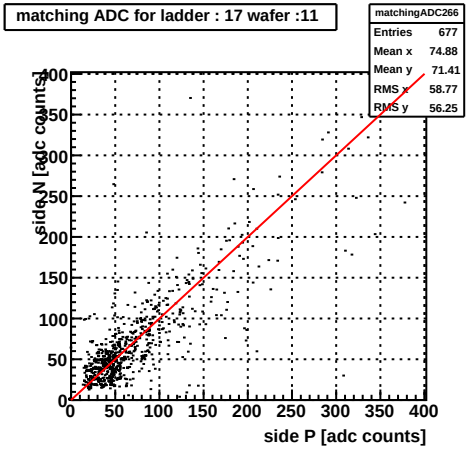

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 99
Mean y 73
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

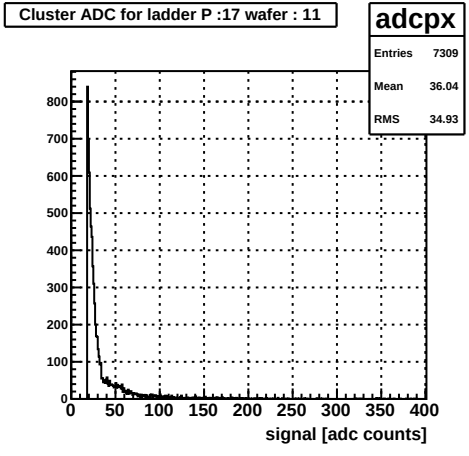

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5367
Mean 40.27
RMS 45.2
signal [adc counts]

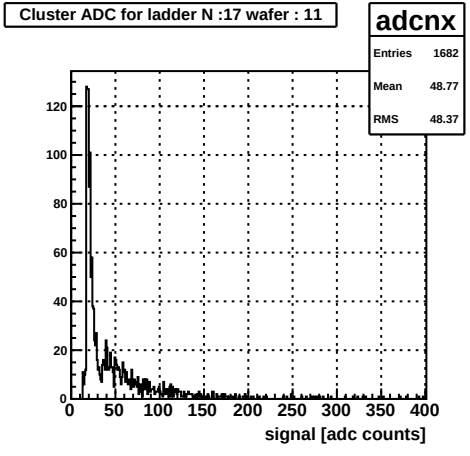

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 20
Mean 39.1
RMS 16.66
signal [adc counts]

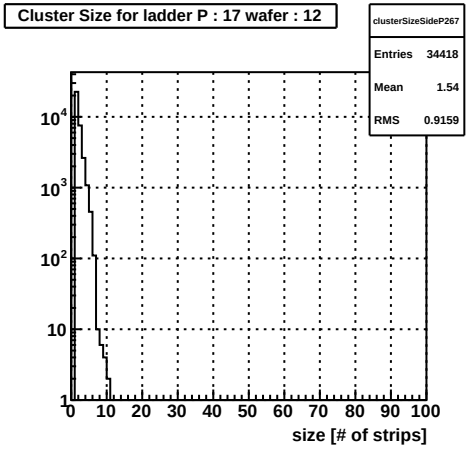

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7309
Mean 1.143
RMS 0.4376
size [# of strips]

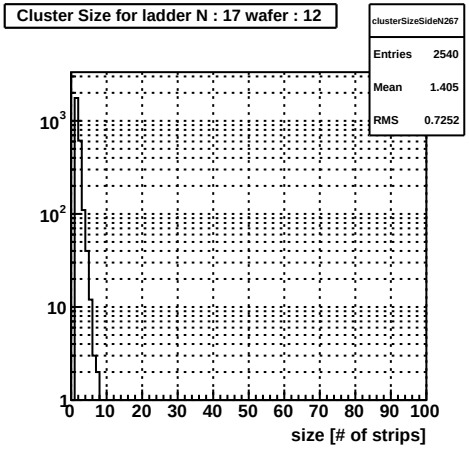

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1682
Mean 1.35
RMS 0.6796
size [# of strips]

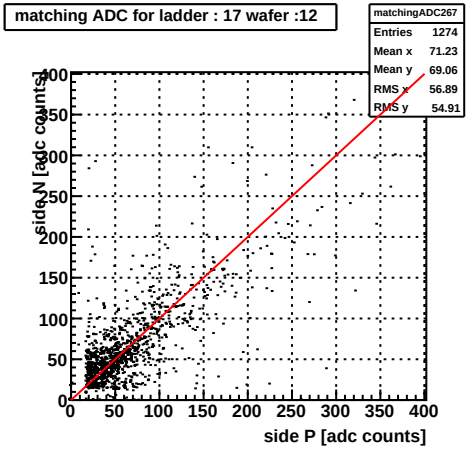

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 677
Mean x 74.88
Mean y 71.41
RMS x 58.77
RMS y 56.25
side N [adc counts]
side P [adc counts]

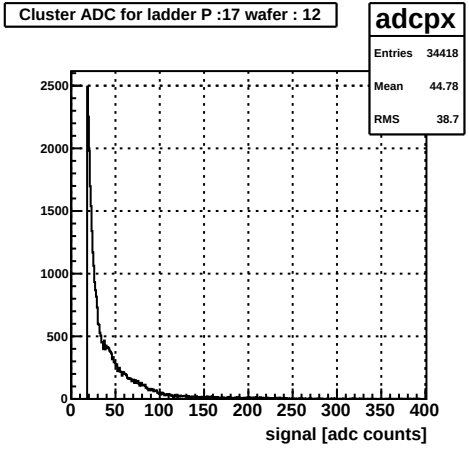

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7309
Mean 36.04
RMS 34.93
signal [adc counts]

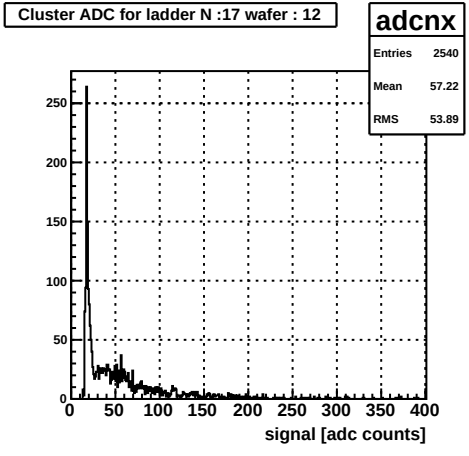

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1682
Mean 48.77
RMS 48.37
signal [adc counts]

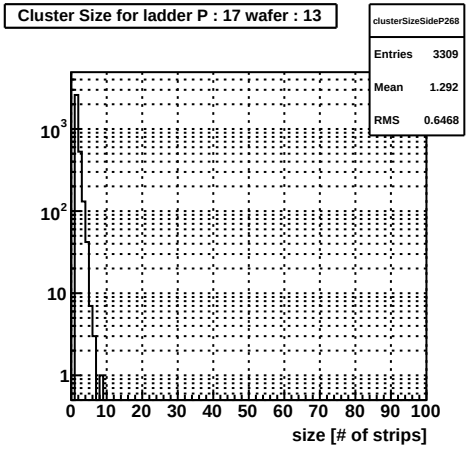

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34418
Mean 1.54
RMS 0.9159
size [# of strips]

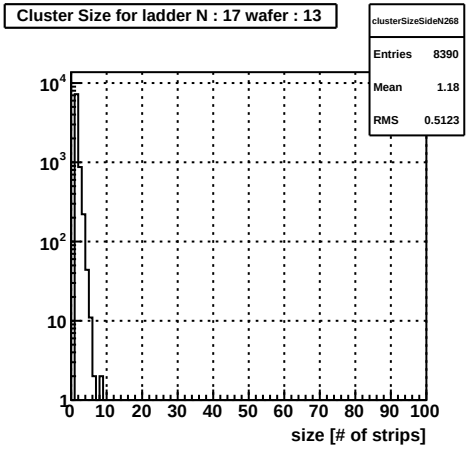

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2540
Mean 1.405
RMS 0.7252
size [# of strips]

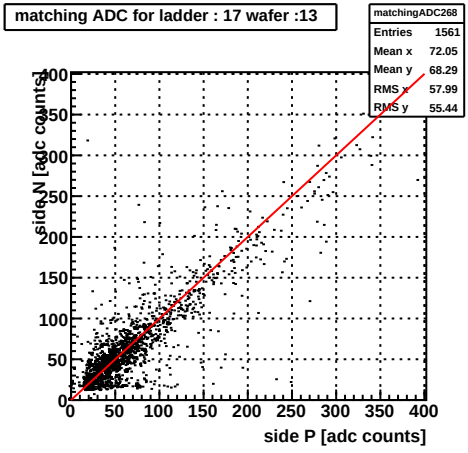

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1274
Mean x 71.23
Mean y 69.06
RMS x 56.89
RMS y 54.91
side N [adc counts]
side P [adc counts]

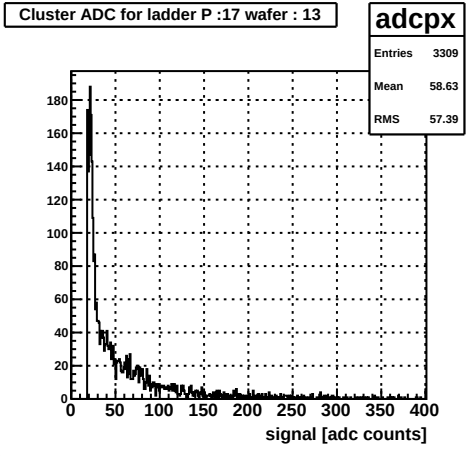

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34418
Mean 44.78
RMS 38.7
signal [adc counts]

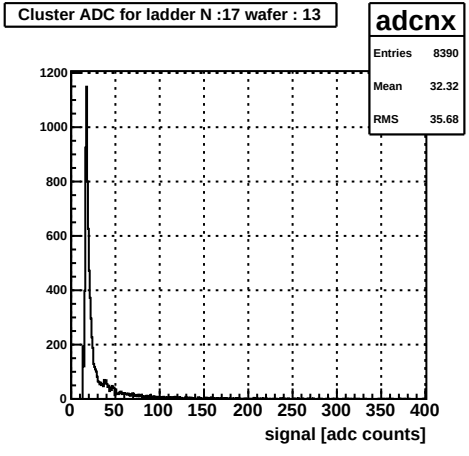

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2540
Mean 57.22
RMS 53.89
signal [adc counts]

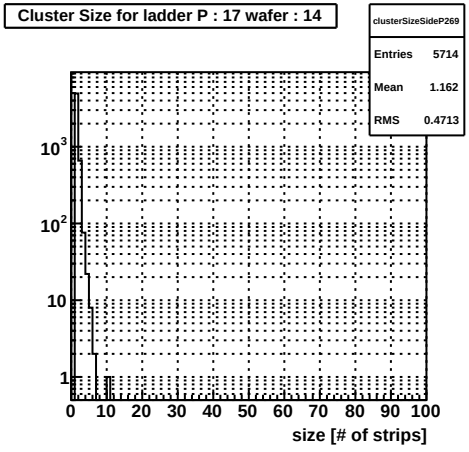

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3309
Mean 1.292
RMS 0.6468
size [# of strips]

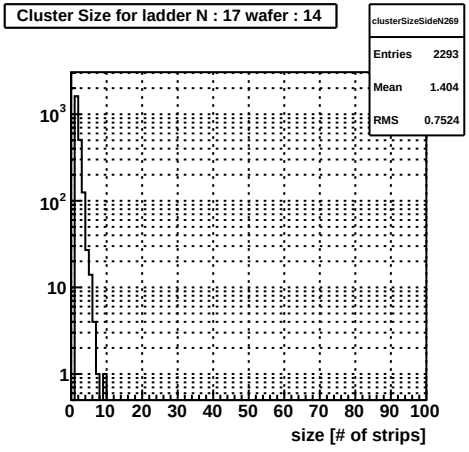

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8390
Mean 1.18
RMS 0.5123
size [# of strips]

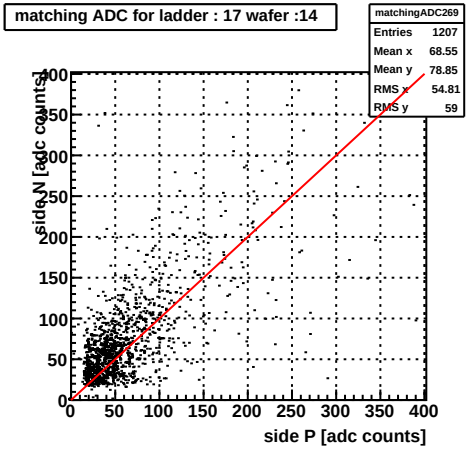

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1561
Mean x 72.05
Mean y 68.29
RMS x 57.99
RMS y 55.44
side N [adc counts]
side P [adc counts]

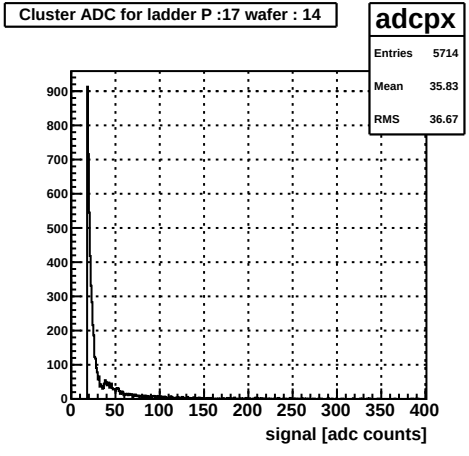

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3309
Mean 58.63
RMS 57.39
signal [adc counts]

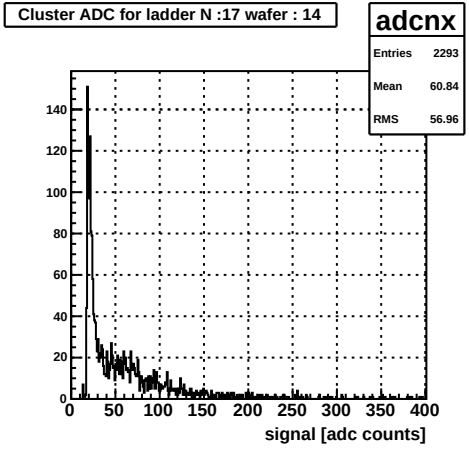

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8390
Mean 32.32
RMS 35.68
signal [adc counts]

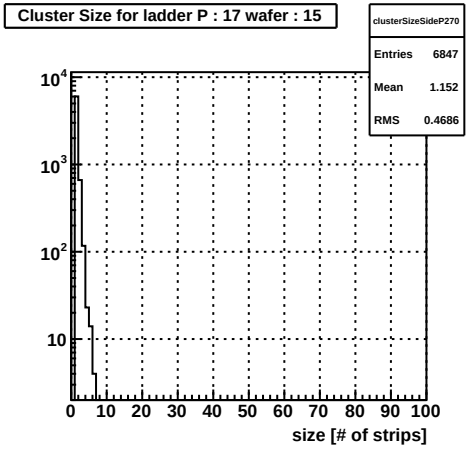

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5714
Mean 1.162
RMS 0.4713
size [# of strips]

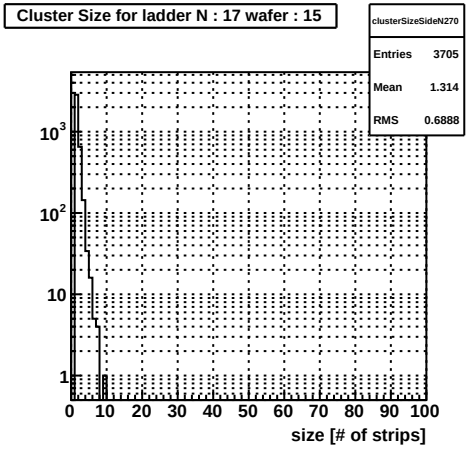

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2293
Mean 1.404
RMS 0.7524
size [# of strips]

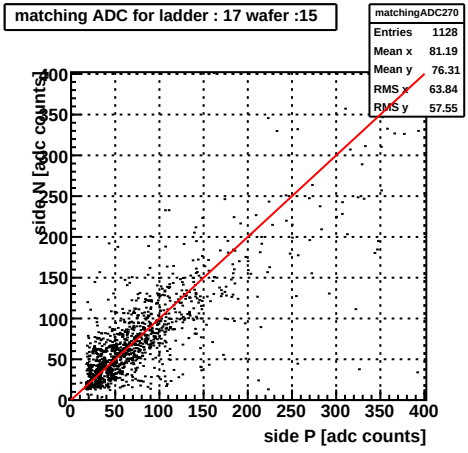

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1207
Mean x 68.55
Mean y 78.85
RMS x 54.81
RMS y 59
side N [adc counts]
side P [adc counts]

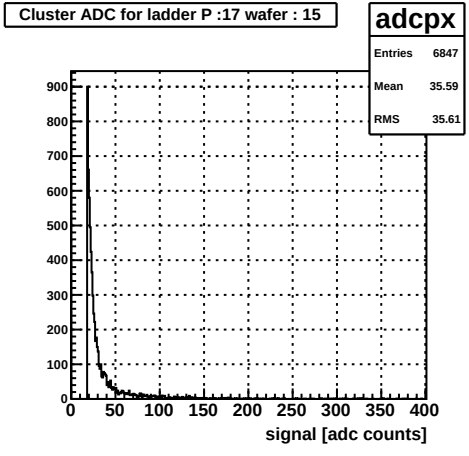

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5714
Mean 35.83
RMS 36.67
signal [adc counts]

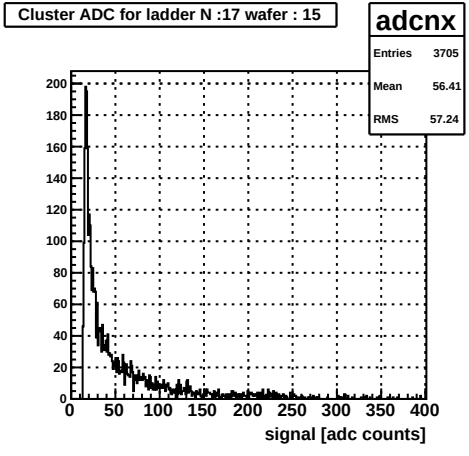

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2293
Mean 60.84
RMS 56.96
signal [adc counts]

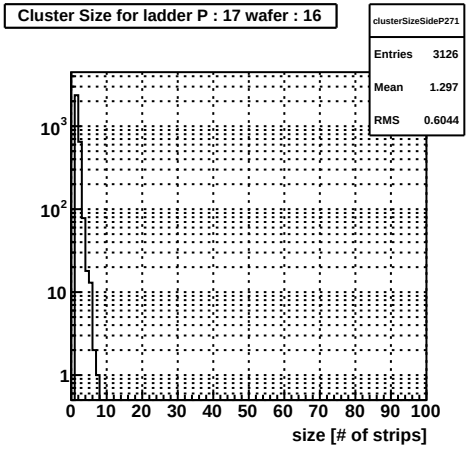

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6847
Mean 1.152
RMS 0.4686
size [# of strips]

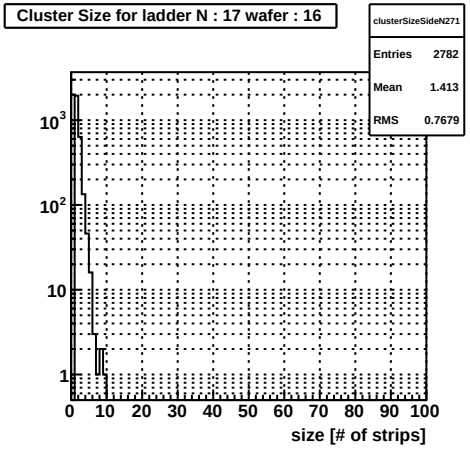

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3705
Mean 1.314
RMS 0.6888
size [# of strips]

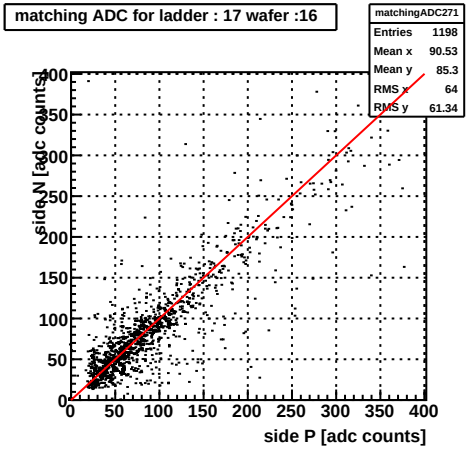

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1128
Mean x 81.19
Mean y 76.31
RMS x 63.84
RMS y 57.55
side N [adc counts]
side P [adc counts]

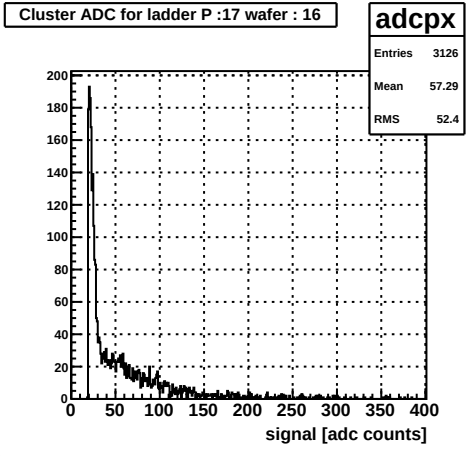

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6847
Mean 35.59
RMS 35.61
signal [adc counts]

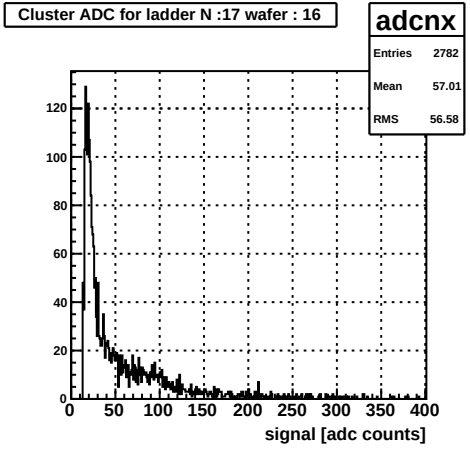

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3705
Mean 56.41
RMS 57.24
signal [adc counts]

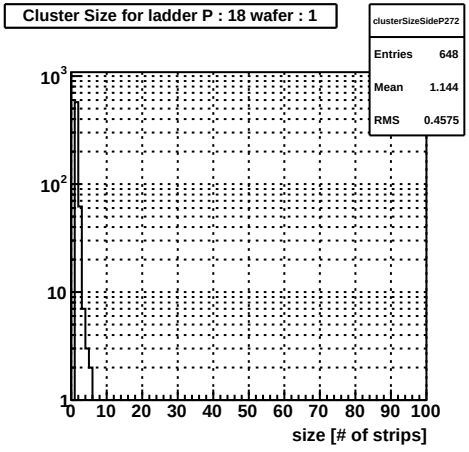

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3126
Mean 1.297
RMS 0.6044
size [# of strips]

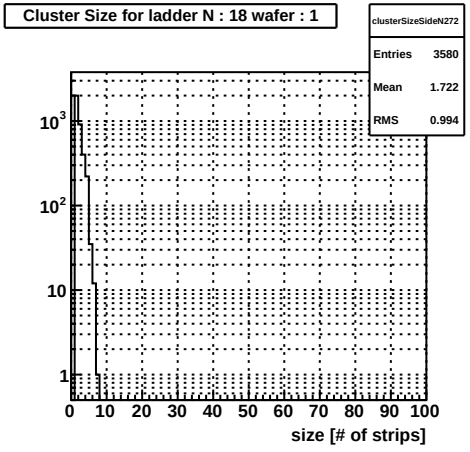

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2782
Mean 1.413
RMS 0.7679
size [# of strips]

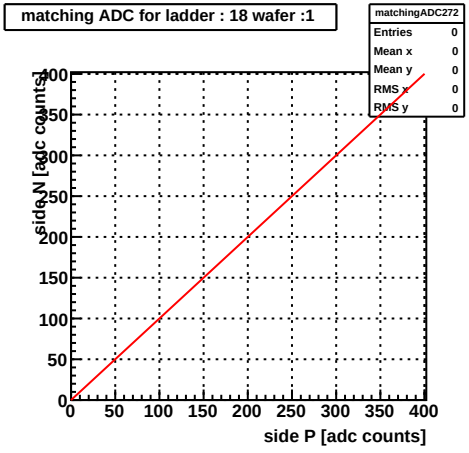

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1198
Mean x 90.53
Mean y 85.3
RMS x 64
RMS y 61.34
side N [adc counts]
side P [adc counts]

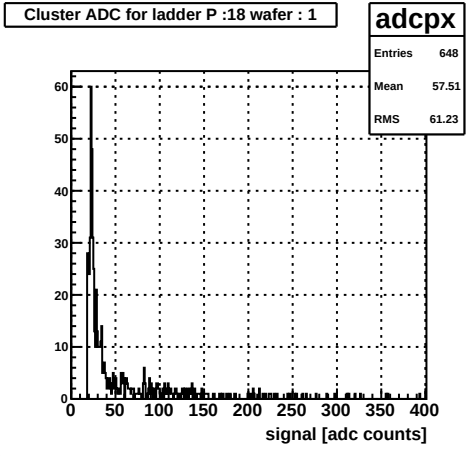

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3126
Mean 57.29
RMS 52.4
signal [adc counts]

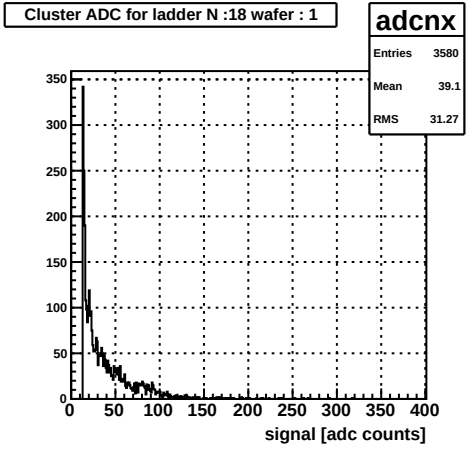

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2782
Mean 57.01
RMS 56.58
signal [adc counts]

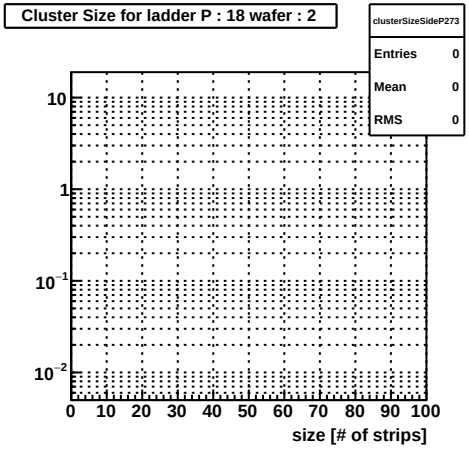

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 648
Mean 1.144
RMS 0.4575
size [# of strips]

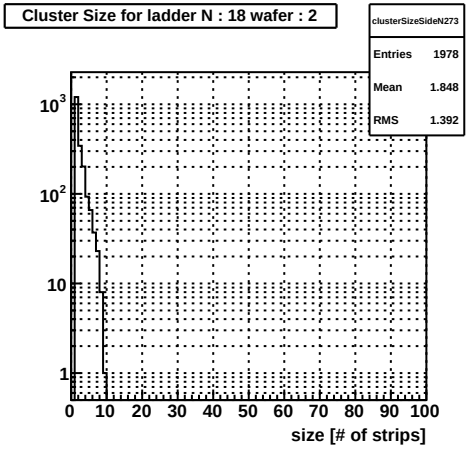

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3580
Mean 1.722
RMS 0.994
size [# of strips]

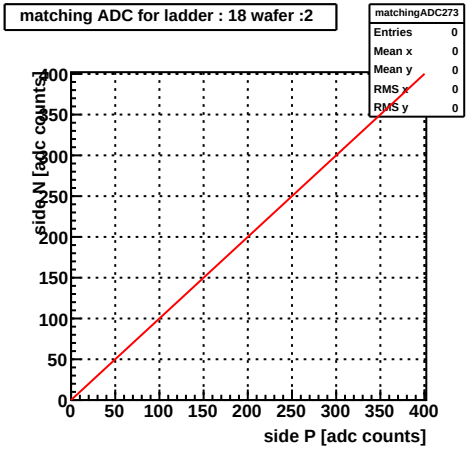

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

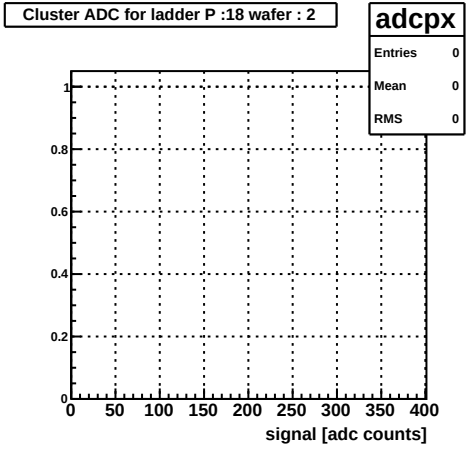

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 648
Mean 57.51
RMS 61.23
signal [adc counts]

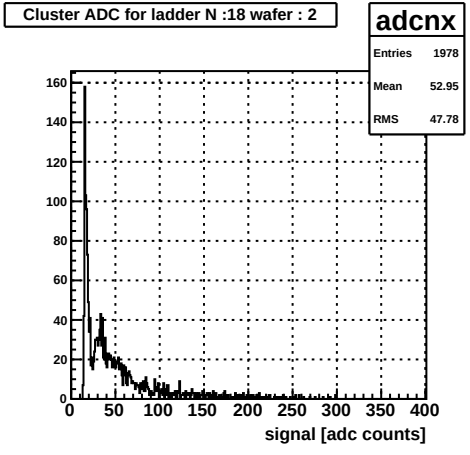

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3580
Mean 39.1
RMS 31.27
signal [adc counts]

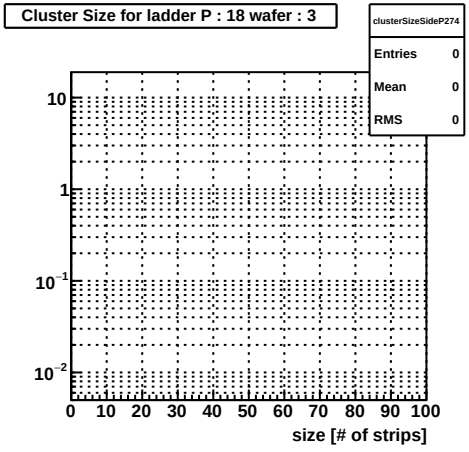

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

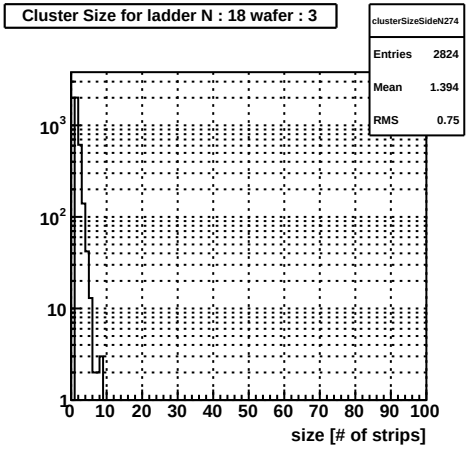

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1978
Mean 1.848
RMS 1.392
size [# of strips]

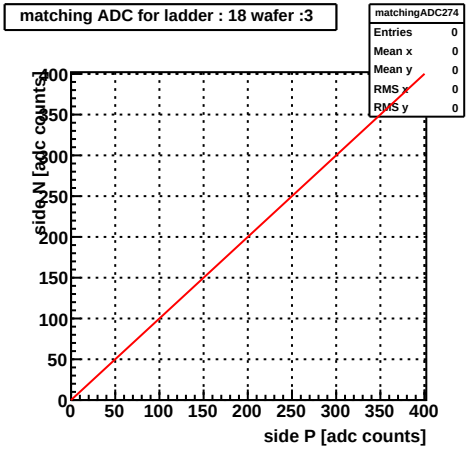

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

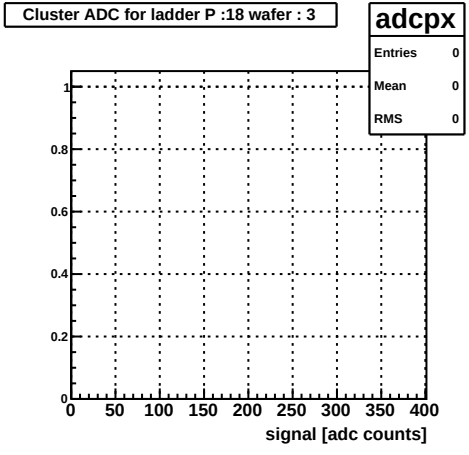

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

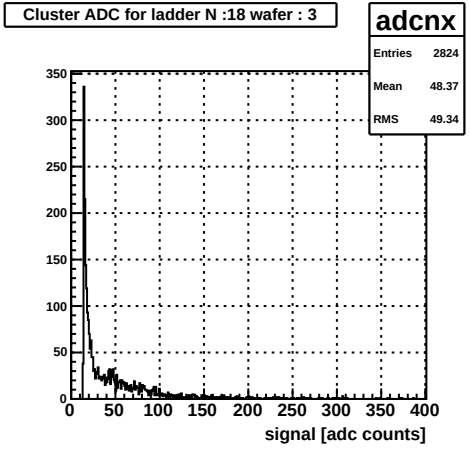

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1978
Mean 52.95
RMS 47.78
signal [adc counts]

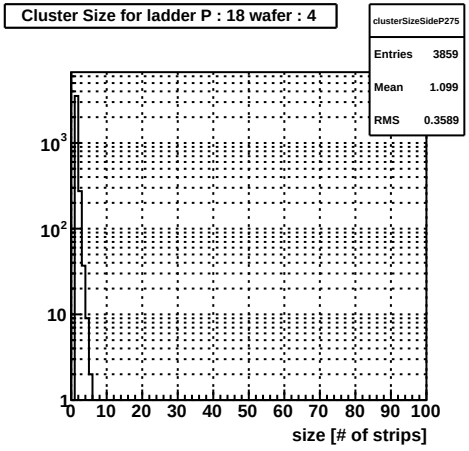

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

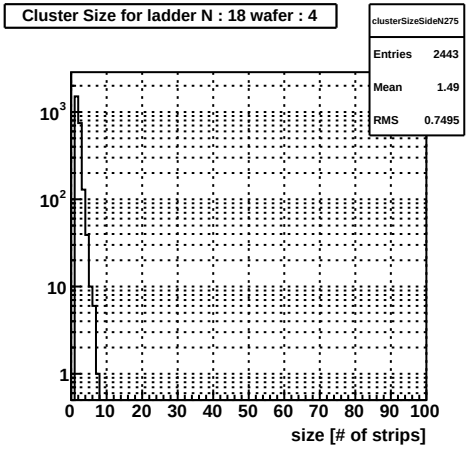

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2824
Mean 1.394
RMS 0.75
size [# of strips]

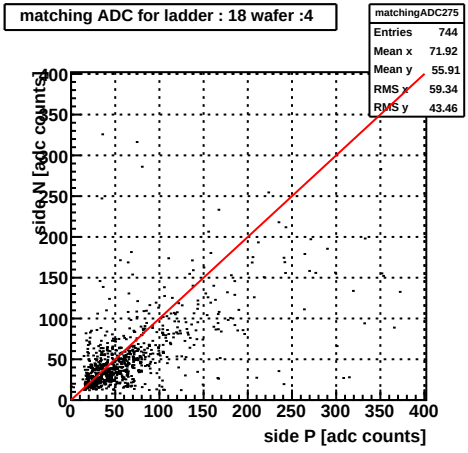

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

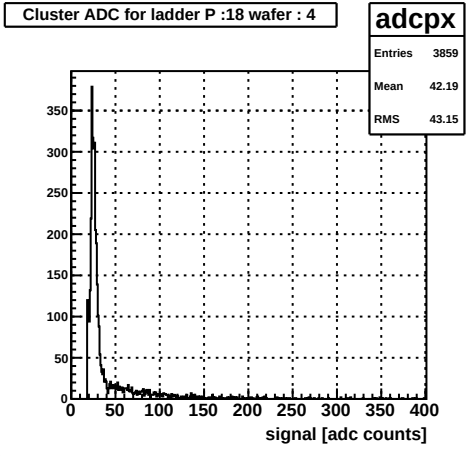

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

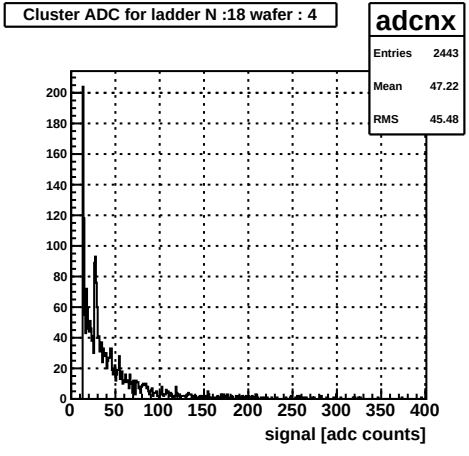

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2824
Mean 48.37
RMS 49.34
signal [adc counts]

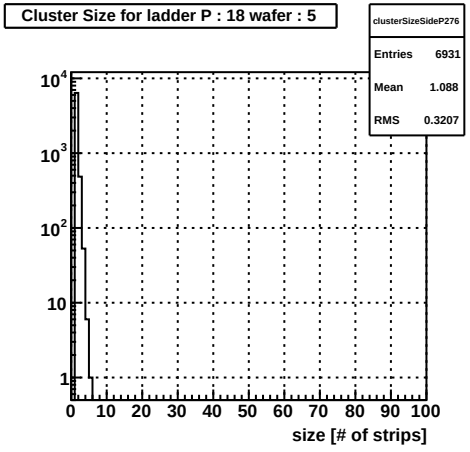

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3859
Mean 1.099
RMS 0.3589
size [# of strips]

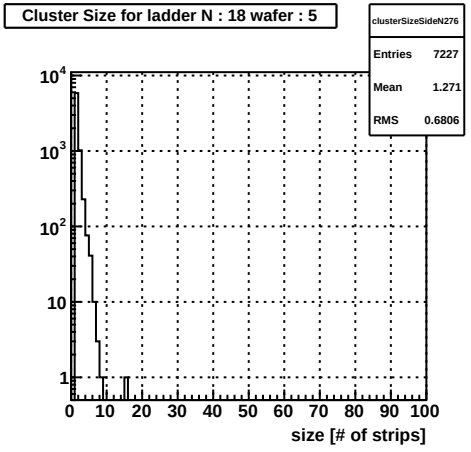

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2443
Mean 1.49
RMS 0.7495
size [# of strips]

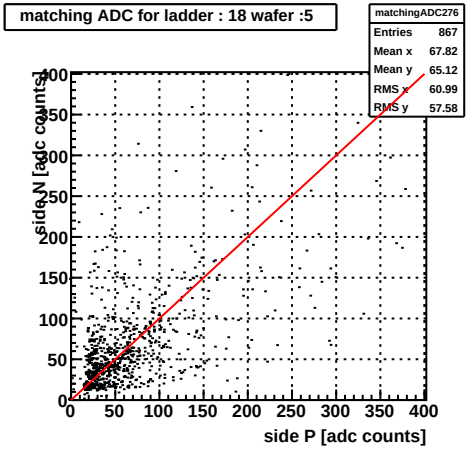

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 744
Mean x 71.92
Mean y 55.91
RMS x 59.34
RMS y 43.46
side N [adc counts]
side P [adc counts]

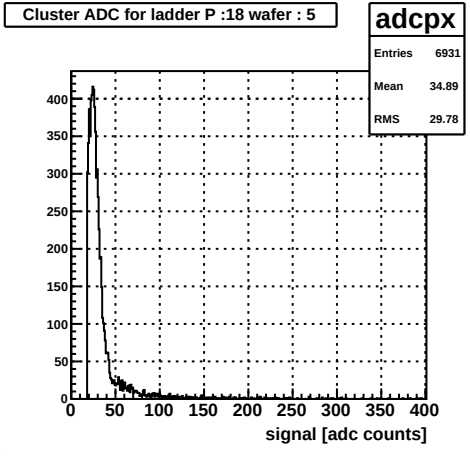

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3859
Mean 42.19
RMS 43.15
signal [adc counts]

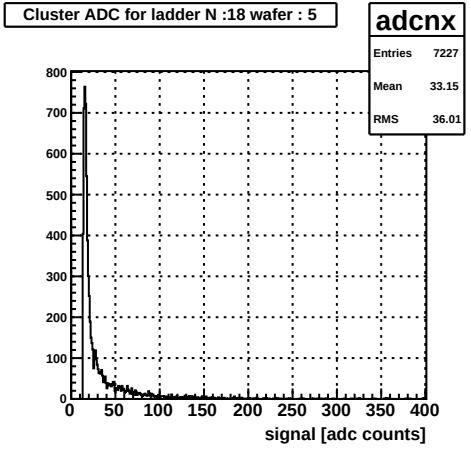

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2443
Mean 47.22
RMS 45.48
signal [adc counts]

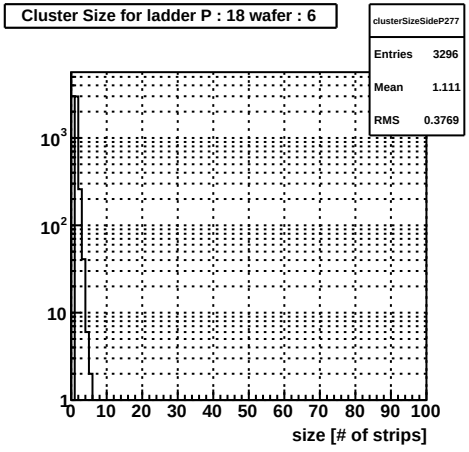

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6931
Mean 1.088
RMS 0.3207
size [# of strips]

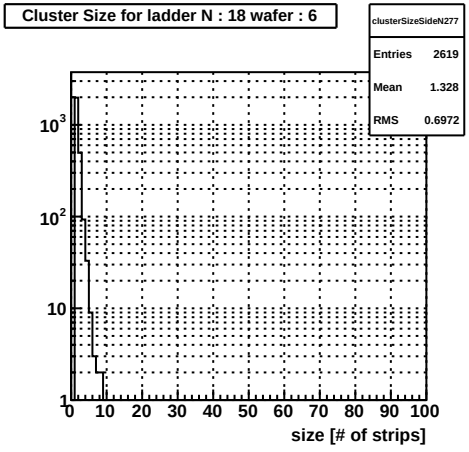

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7227
Mean 1.271
RMS 0.6806
size [# of strips]

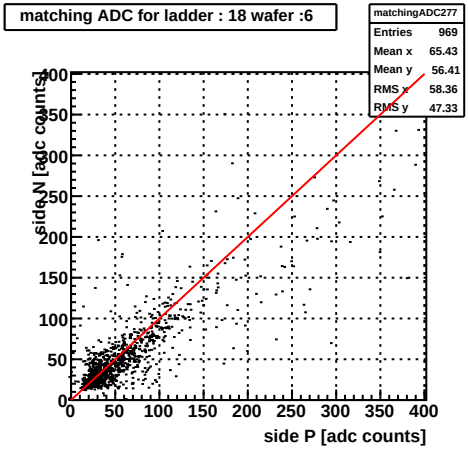

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 867
Mean x 67.82
Mean y 65.12
RMS x 60.99
RMS y 57.58
side N [adc counts]
side P [adc counts]

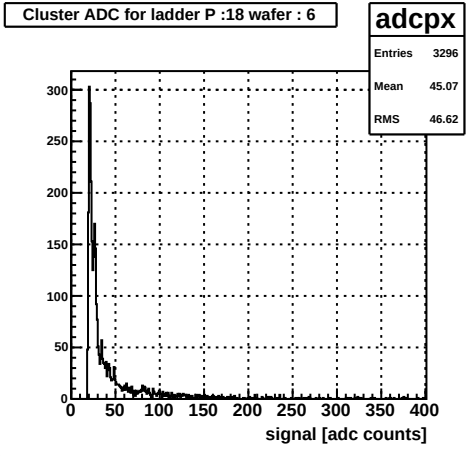

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6931
Mean 34.89
RMS 29.78
signal [adc counts]

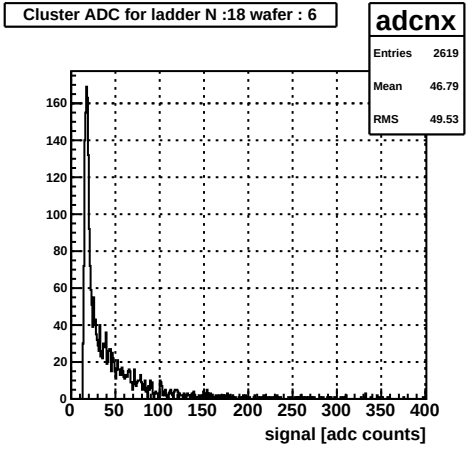

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7227
Mean 33.15
RMS 36.01
signal [adc counts]

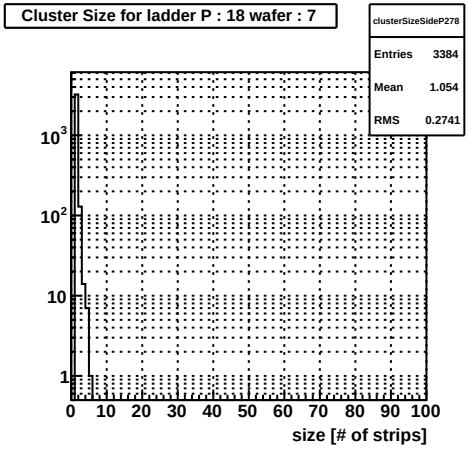

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3296
Mean 1.111
RMS 0.3769
size [# of strips]

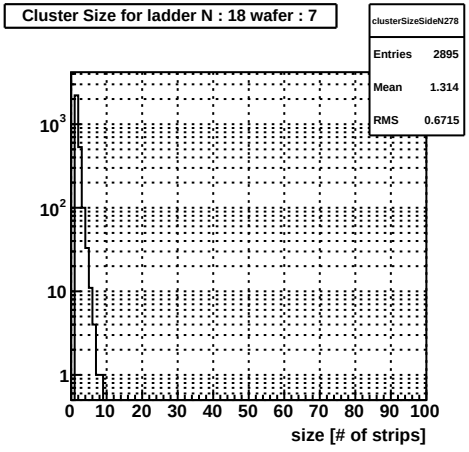

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2619
Mean 1.328
RMS 0.6972
size [# of strips]

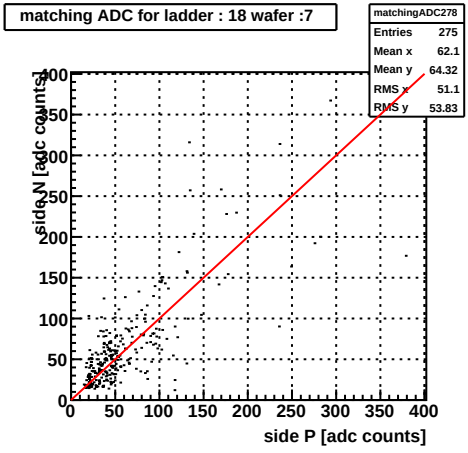

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 969
Mean x 65.43
Mean y 56.41
RMS x 58.36
RMS y 47.33
side N [adc counts]
side P [adc counts]

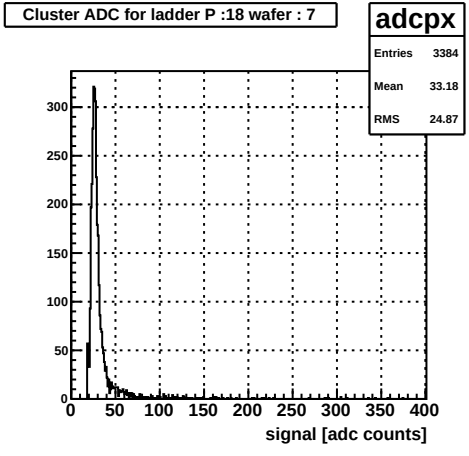

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3296
Mean 45.07
RMS 46.62
signal [adc counts]

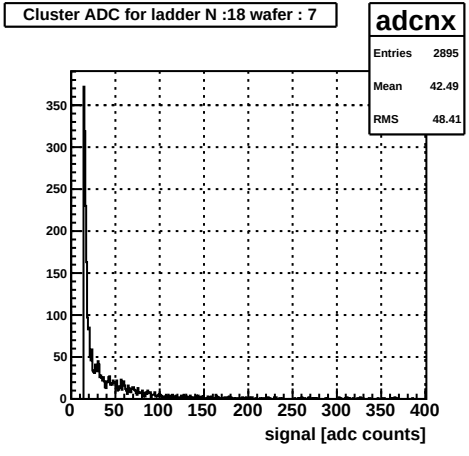

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2619
Mean 46.79
RMS 49.53
signal [adc counts]

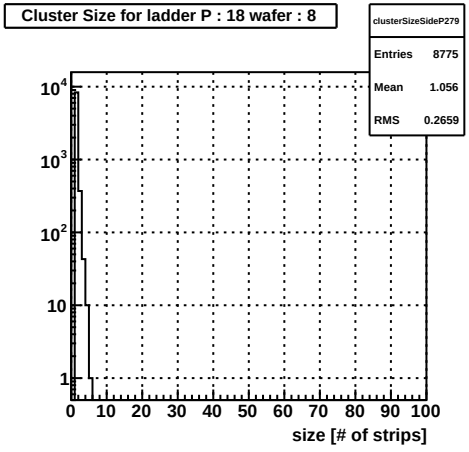

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3384
Mean 1.054
RMS 0.2741
size [# of strips]

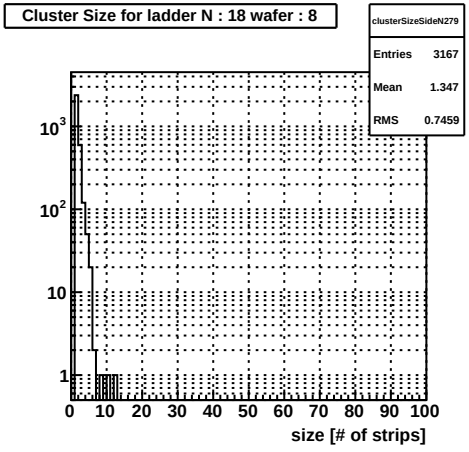

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2895
Mean 1.314
RMS 0.6715
size [# of strips]

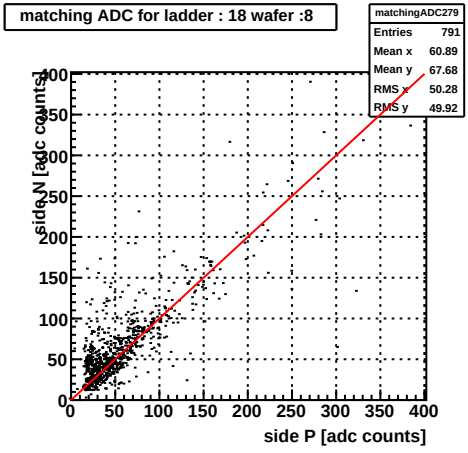

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 275
Mean x 62.1
Mean y 64.32
RMS x 51.1
RMS y 53.83
side N [adc counts]
side P [adc counts]

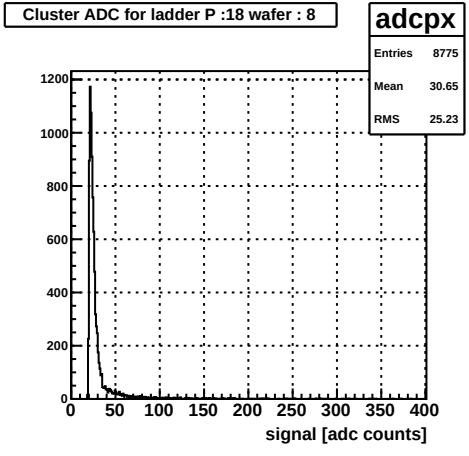

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3384
Mean 33.18
RMS 24.87
signal [adc counts]

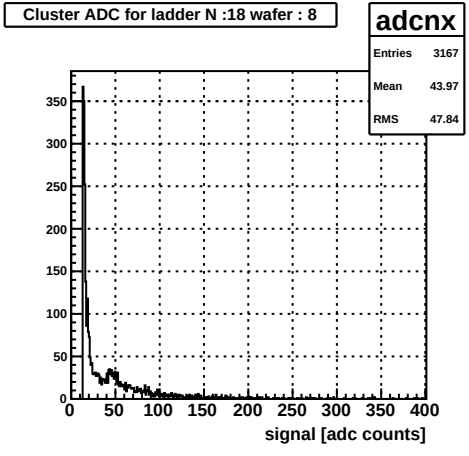

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2895
Mean 42.49
RMS 48.41
signal [adc counts]

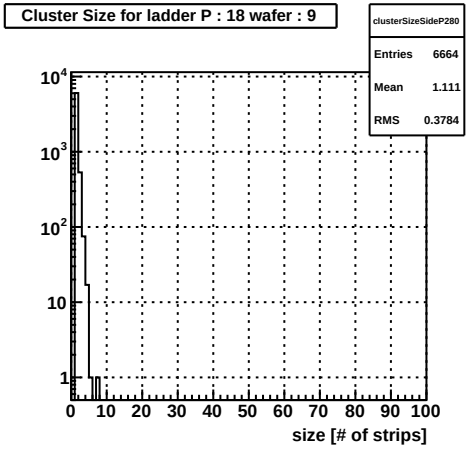

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8775
Mean 1.056
RMS 0.2659
size [# of strips]

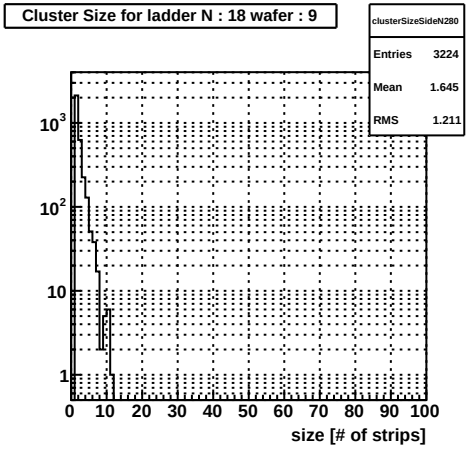

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3167
Mean 1.347
RMS 0.7459
size [# of strips]

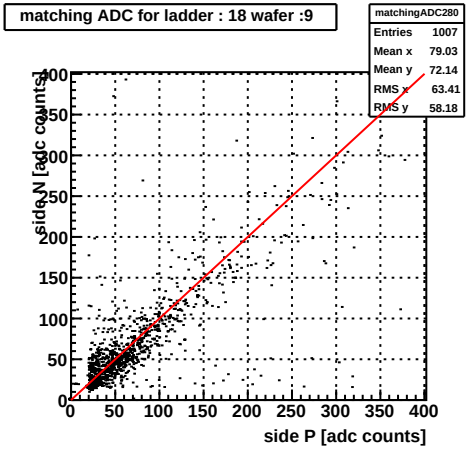

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 791
Mean x 60.89
Mean y 67.68
RMS x 50.28
RMS y 49.92
side N [adc counts]
side P [adc counts]

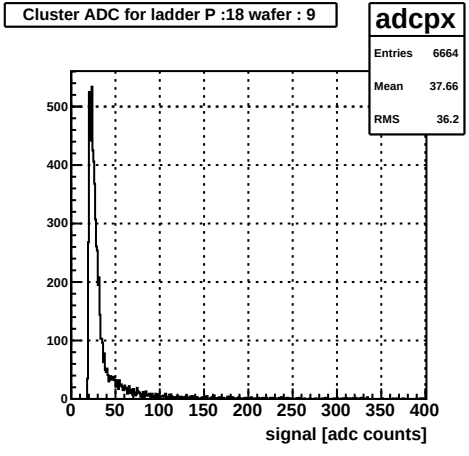

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8775
Mean 30.65
RMS 25.23
signal [adc counts]

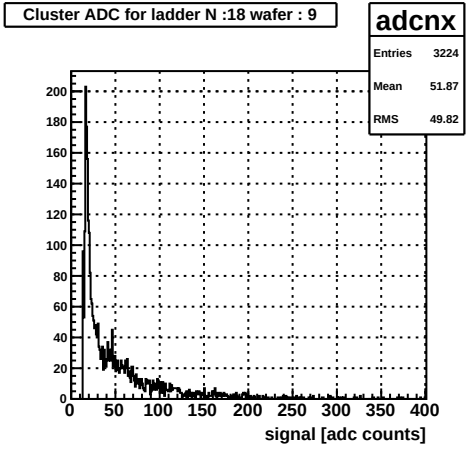

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3167
Mean 43.97
RMS 47.84
signal [adc counts]

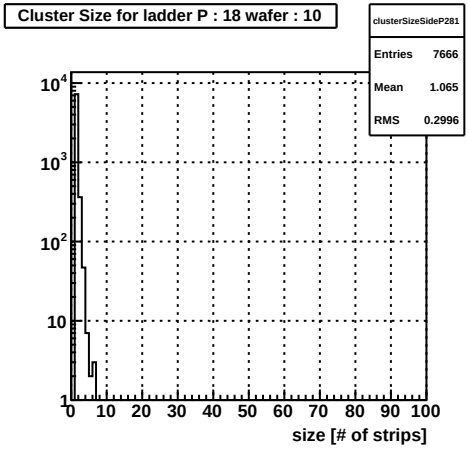

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6664
Mean 1.111
RMS 0.3784
size [# of strips]

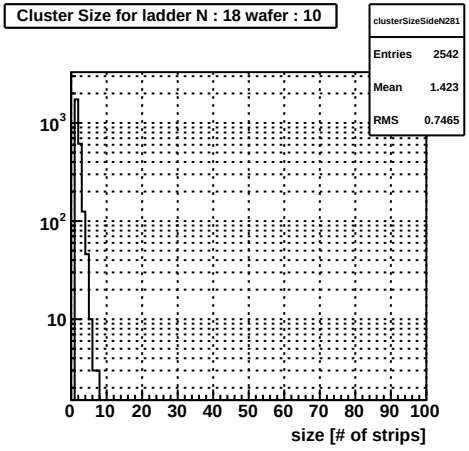

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3224
Mean 1.645
RMS 1.211
size [# of strips]

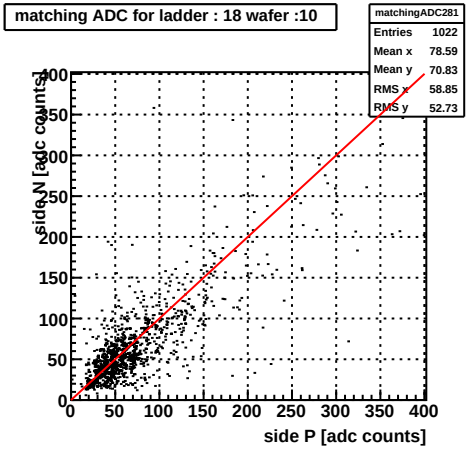

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1007
Mean x 79.03
Mean y 72.14
RMS x 63.41
RMS y 58.18
side N [adc counts]
side P [adc counts]

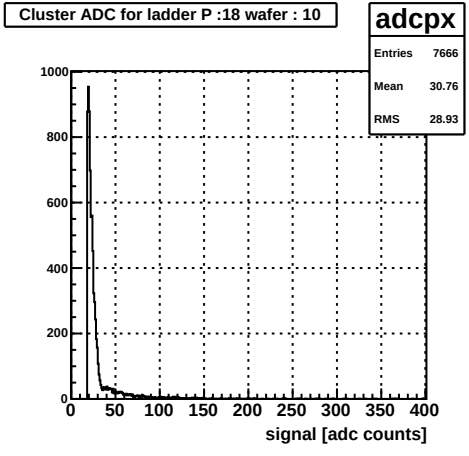

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6664
Mean 37.66
RMS 36.2
signal [adc counts]

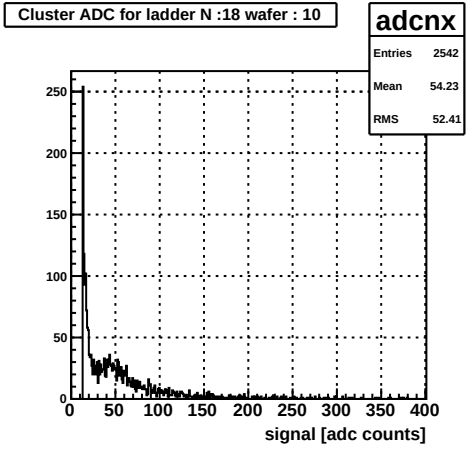

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3224
Mean 51.87
RMS 49.82
signal [adc counts]

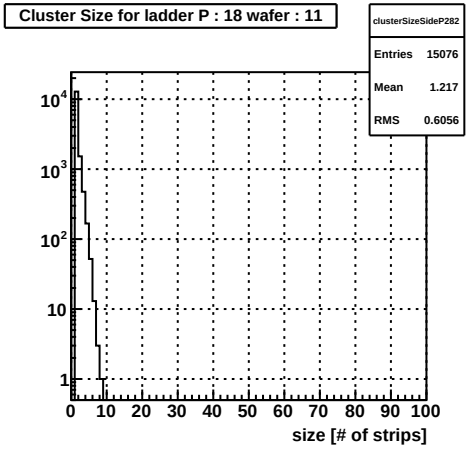

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7666
Mean 1.065
RMS 0.2996
size [# of strips]

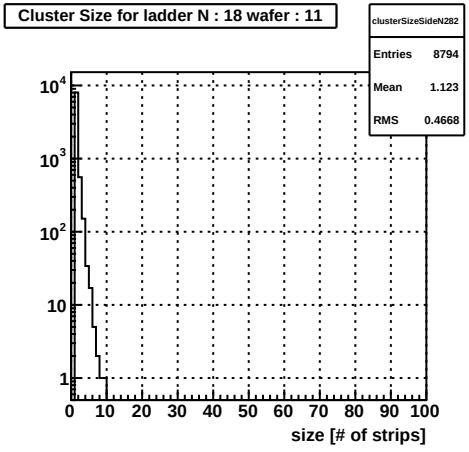

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2542
Mean 1.423
RMS 0.7465
size [# of strips]

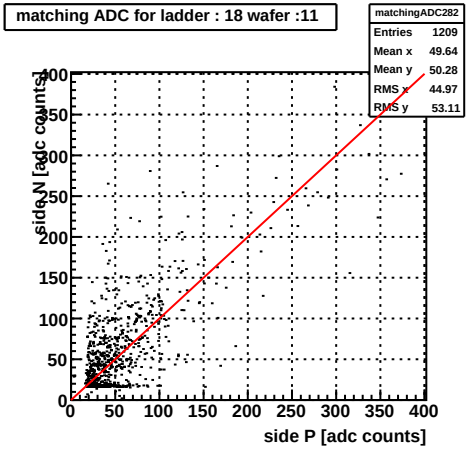

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1022
Mean x 78.59
Mean y 70.83
RMS x 58.85
RMS y 52.73
side N [adc counts]
side P [adc counts]

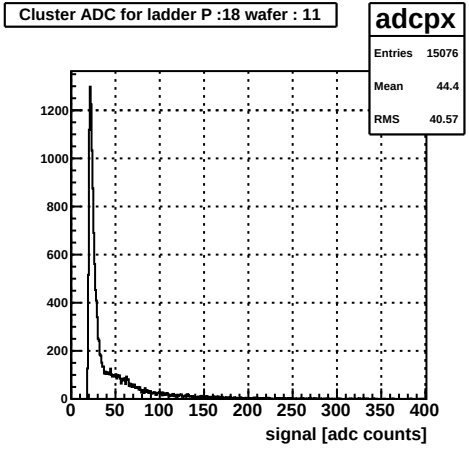

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7666
Mean 30.76
RMS 28.93
signal [adc counts]

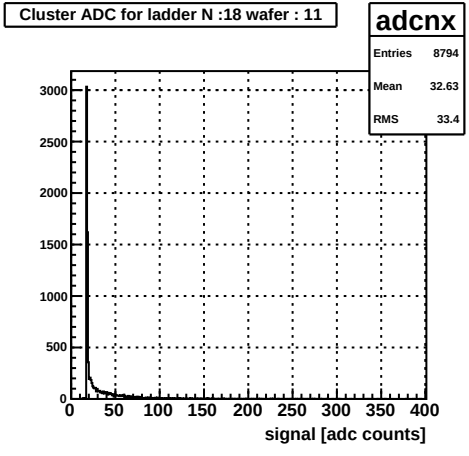

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2542
Mean 54.23
RMS 52.41
signal [adc counts]

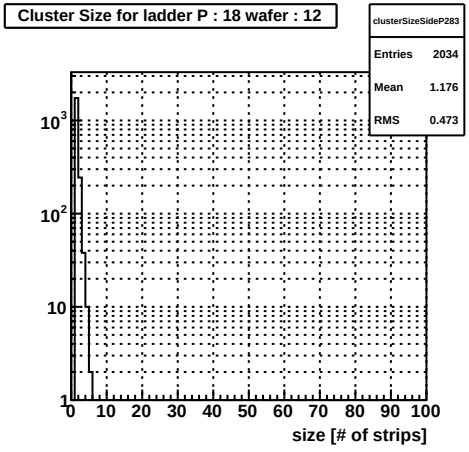

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15076
Mean 1.217
RMS 0.6056
size [# of strips]

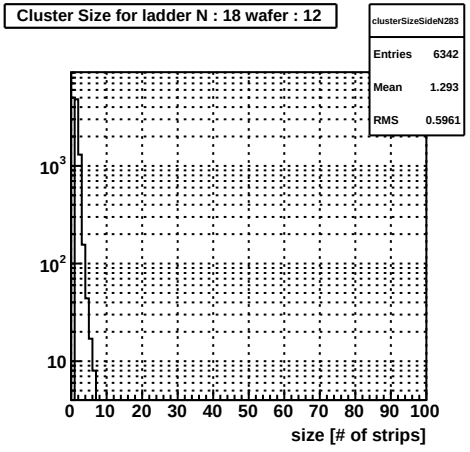

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 8794
Mean 1.123
RMS 0.4668
size [# of strips]

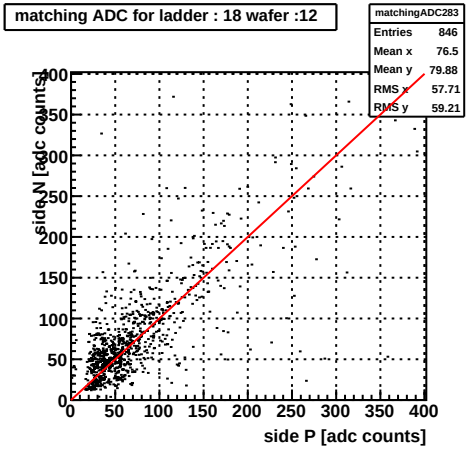

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1209
Mean x 49.64
Mean y 50.28
RMS x 44.97
RMS y 53.11
side N [adc counts]
side P [adc counts]

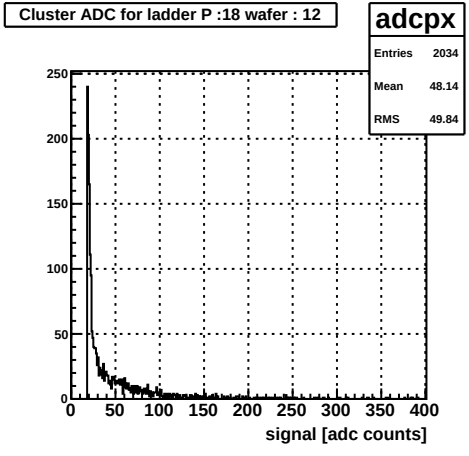

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15076
Mean 44.4
RMS 40.57
signal [adc counts]

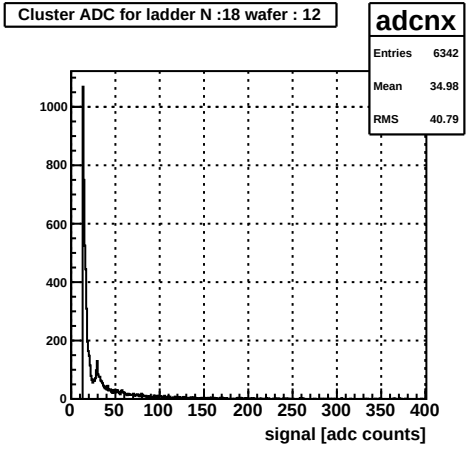

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 8794
Mean 32.63
RMS 33.4
signal [adc counts]

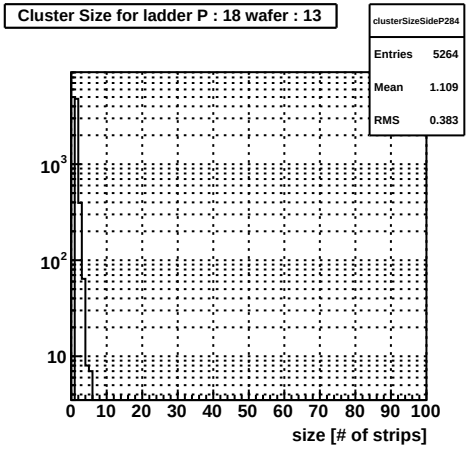

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2034
Mean 1.176
RMS 0.473
size [# of strips]

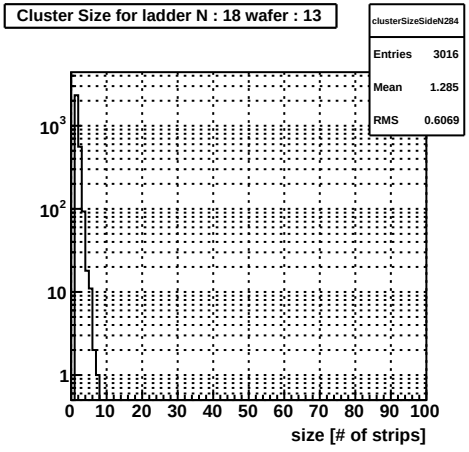

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6342
Mean 1.293
RMS 0.5961
size [# of strips]

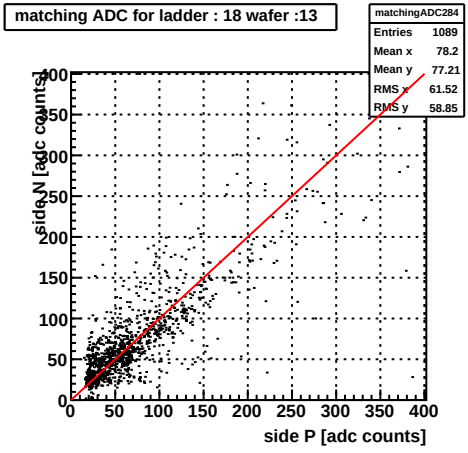

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 846
Mean x 76.5
Mean y 79.88
RMS x 57.71
RMS y 59.21
side N [adc counts]
side P [adc counts]

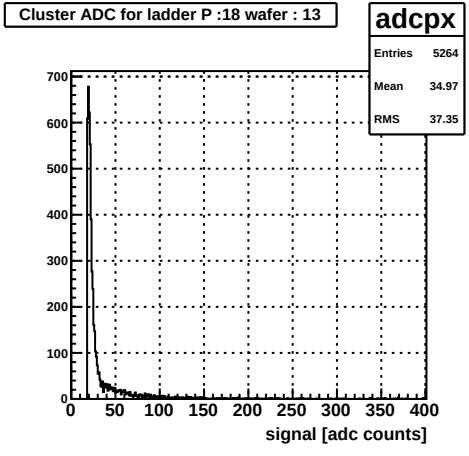

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2034
Mean 48.14
RMS 49.84
signal [adc counts]

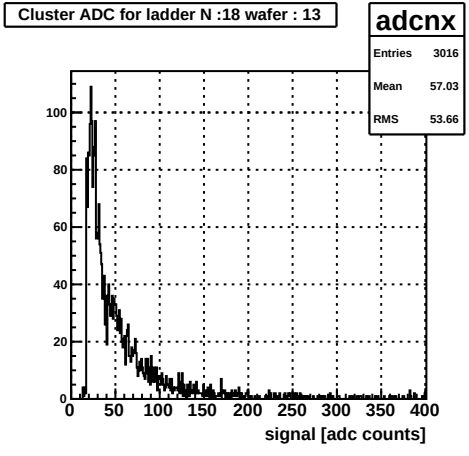

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6342
Mean 34.98
RMS 40.79
signal [adc counts]

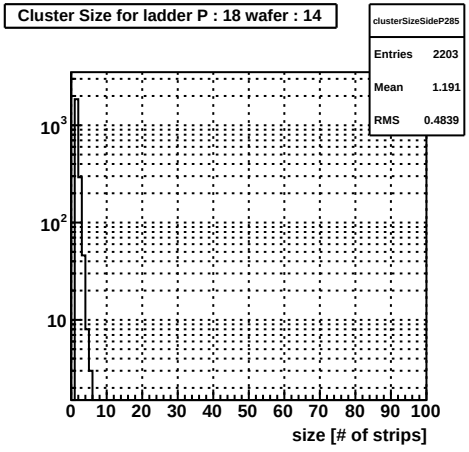

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5264
Mean 1.109
RMS 0.383
size [# of strips]

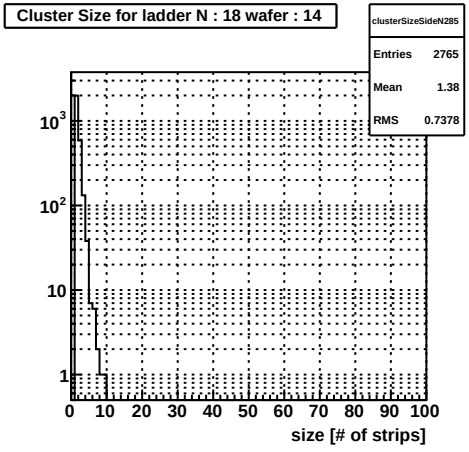

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3016
Mean 1.285
RMS 0.6069
size [# of strips]

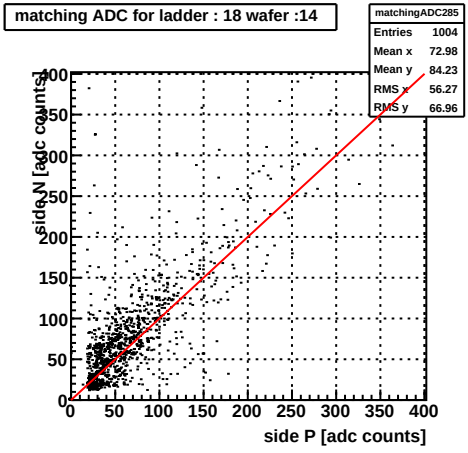

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1089
Mean x 78.2
Mean y 77.21
RMS x 61.52
RMS y 58.85
side N [adc counts]
side P [adc counts]

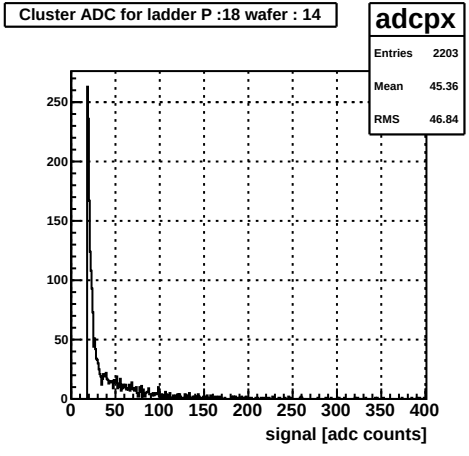

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5264
Mean 34.97
RMS 37.35
signal [adc counts]

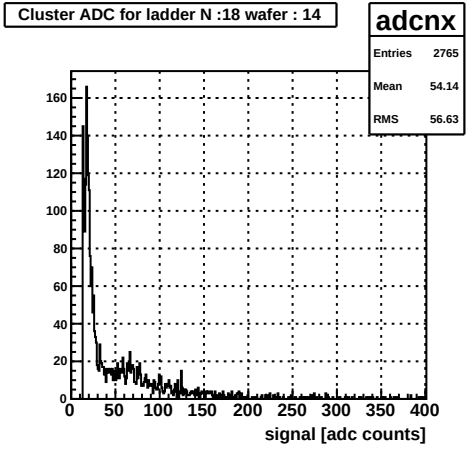

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3016
Mean 57.03
RMS 53.66
signal [adc counts]

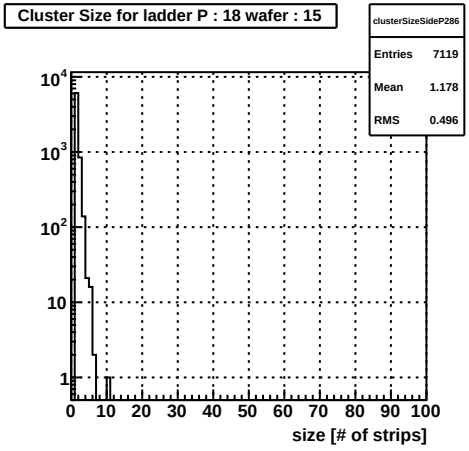

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2203
Mean 1.191
RMS 0.4839
size [# of strips]

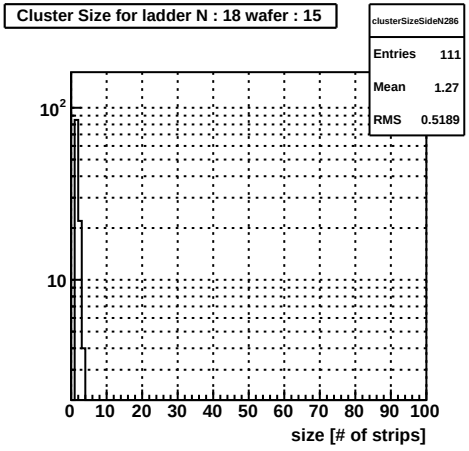

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2765
Mean 1.38
RMS 0.7378
size [# of strips]

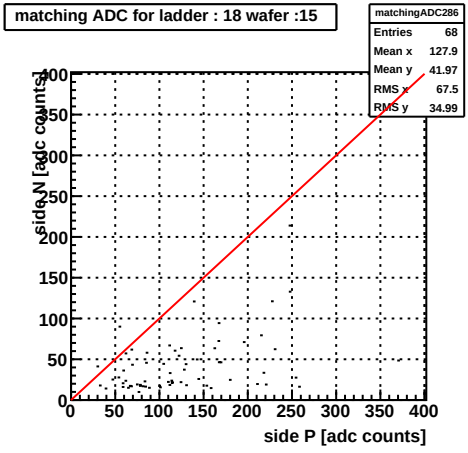

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1004
Mean x 72.98
Mean y 84.23
RMS x 56.27
RMS y 66.96
side N [adc counts]
side P [adc counts]

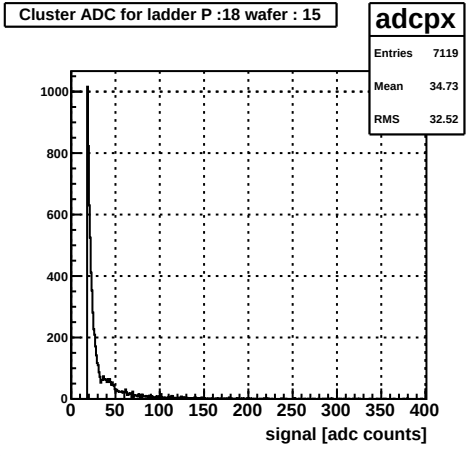

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2203
Mean 45.36
RMS 46.84
signal [adc counts]

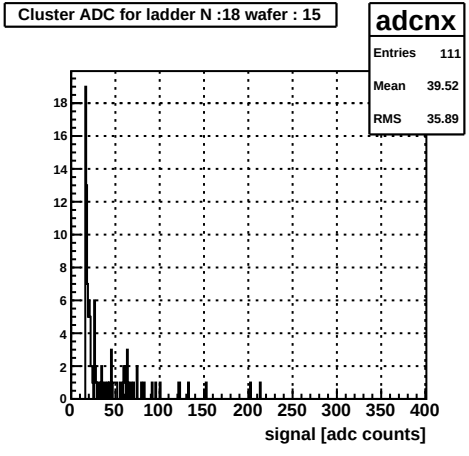

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2765
Mean 54.14
RMS 56.63
signal [adc counts]

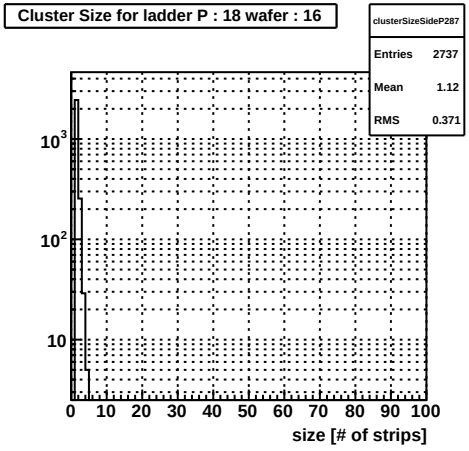

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7119
Mean 1.178
RMS 0.496
size [# of strips]

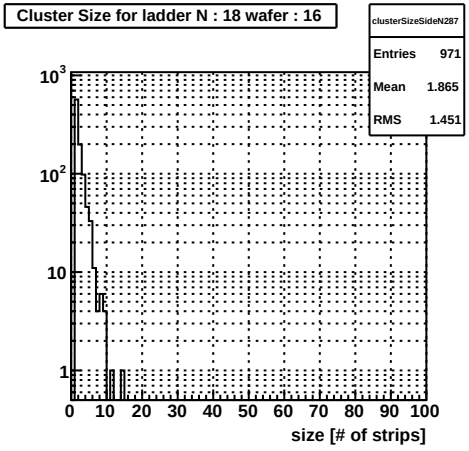

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 111
Mean 1.27
RMS 0.5189
size [# of strips]

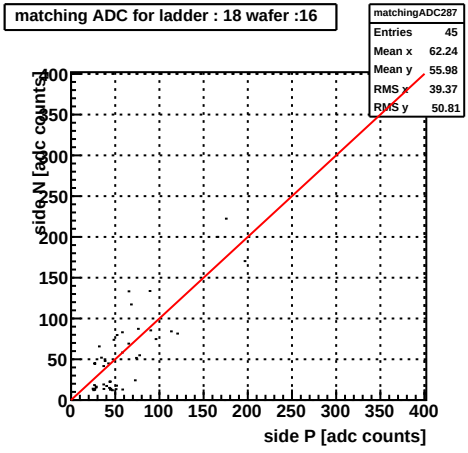

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 68
Mean x 127.9
Mean y 41.97
RMS x 67.5
RMS y 34.99
side N [adc counts]
side P [adc counts]

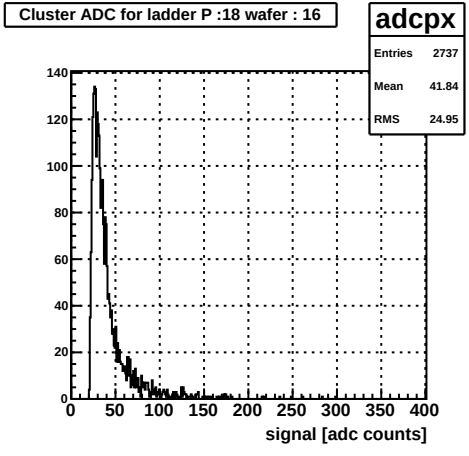

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7119
Mean 34.73
RMS 32.52
signal [adc counts]

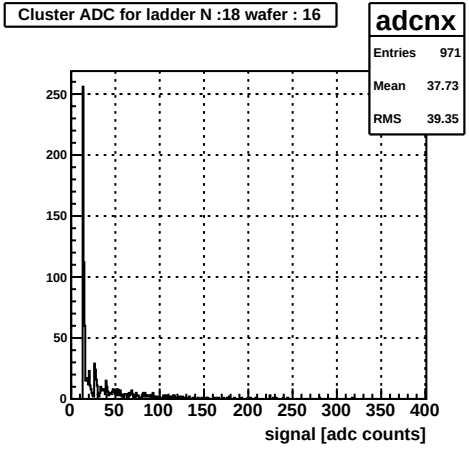

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 111
Mean 39.52
RMS 35.89
signal [adc counts]

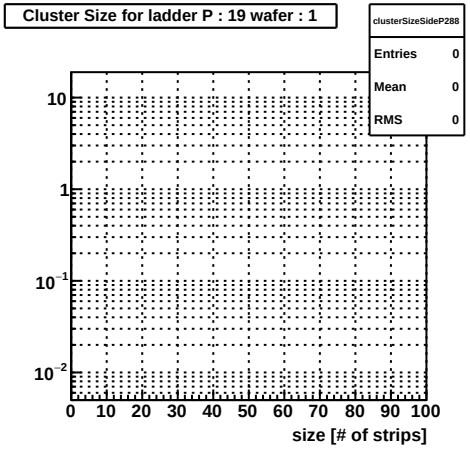

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2737
Mean 1.12
RMS 0.371
size [# of strips]

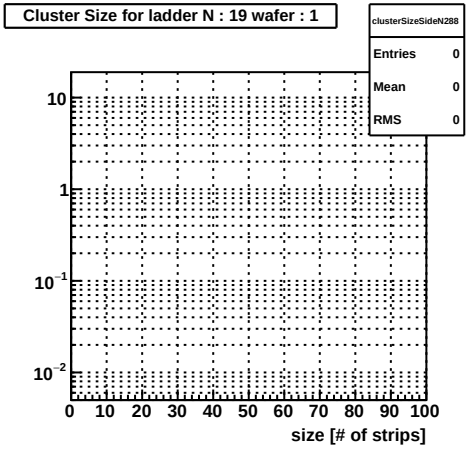

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 971
Mean 1.865
RMS 1.451
size [# of strips]

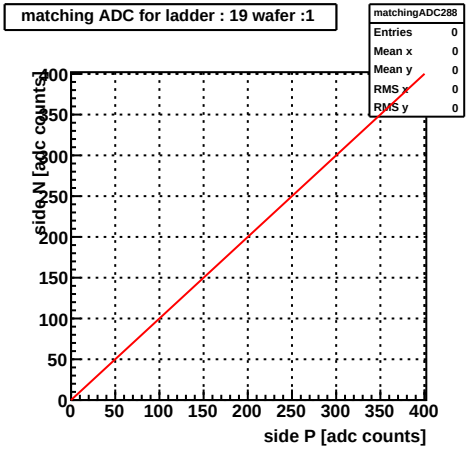

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 45
Mean x 62.24
Mean y 55.98
RMS x 39.37
RMS y 50.81
side N [adc counts]
side P [adc counts]

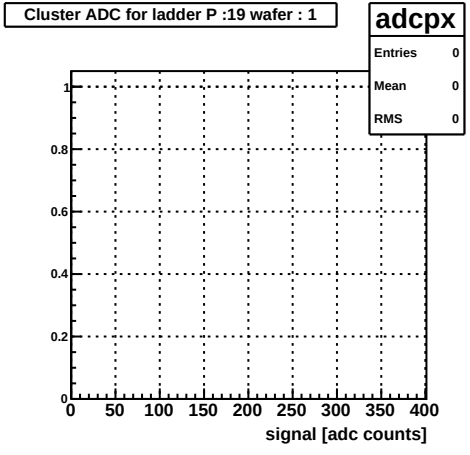

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2737
Mean 41.84
RMS 24.95
signal [adc counts]

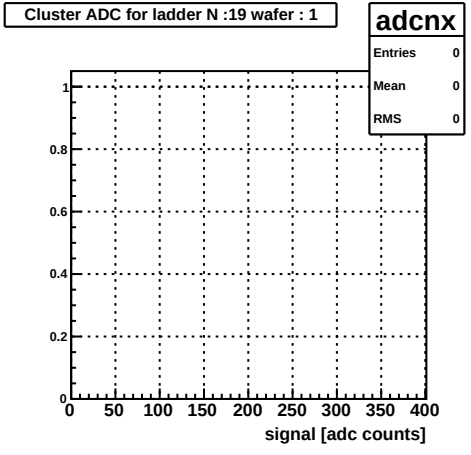

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 971
Mean 37.73
RMS 39.35
signal [adc counts]

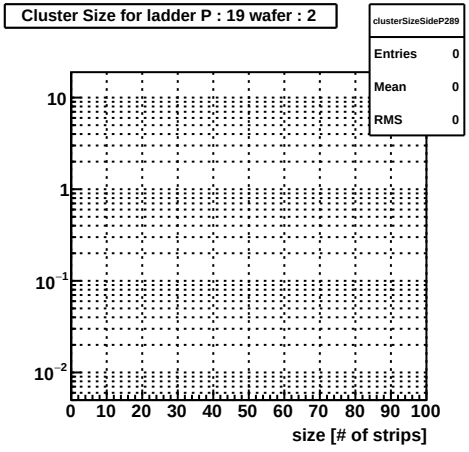

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

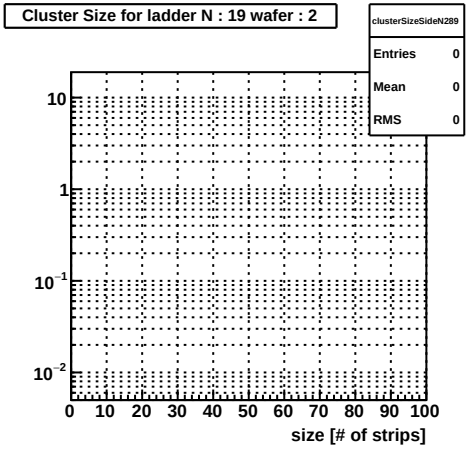

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

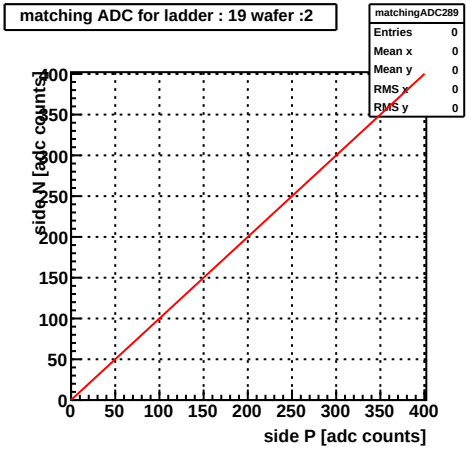

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

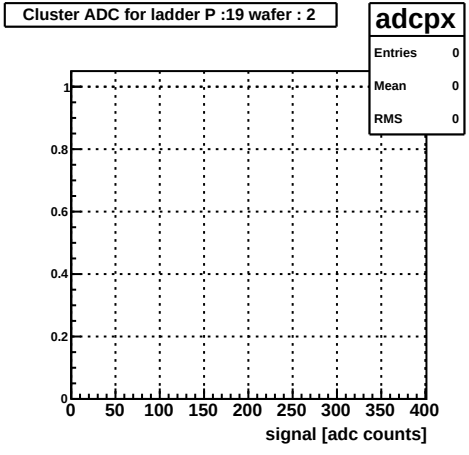

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

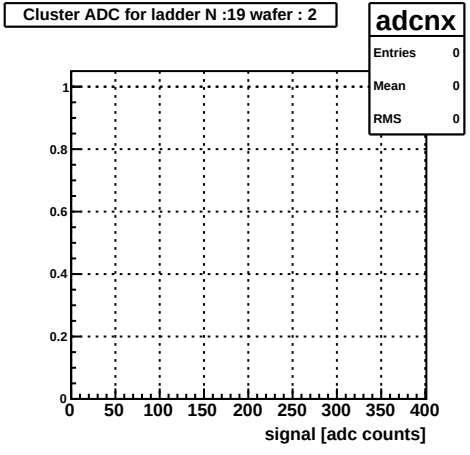

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

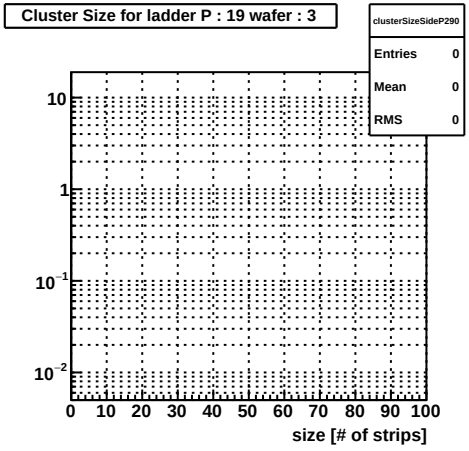

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

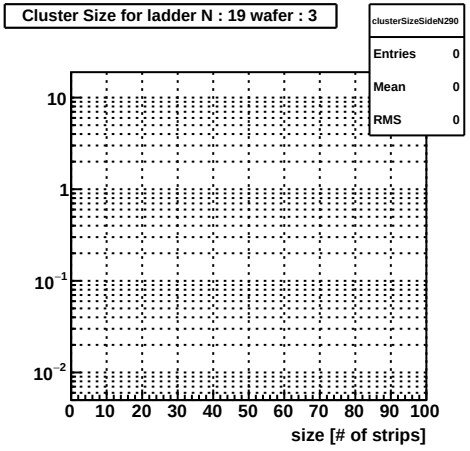

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

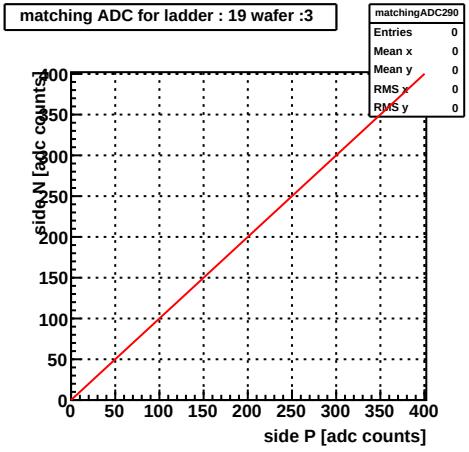

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

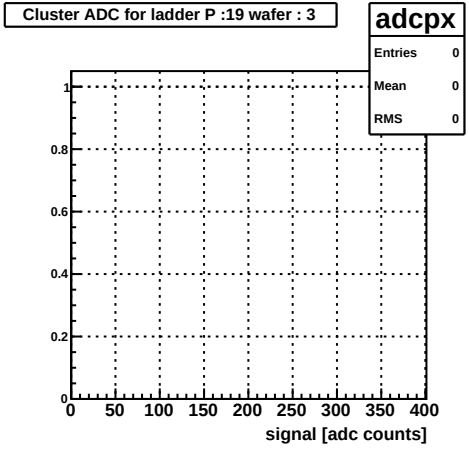

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

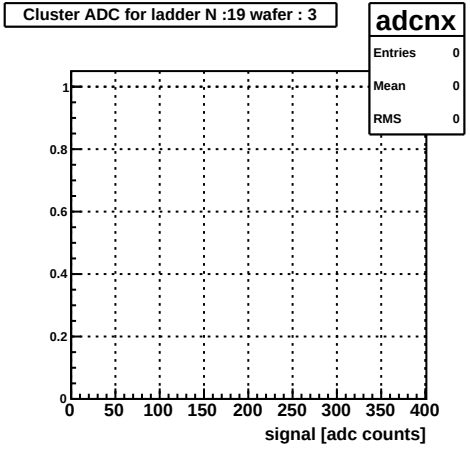

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

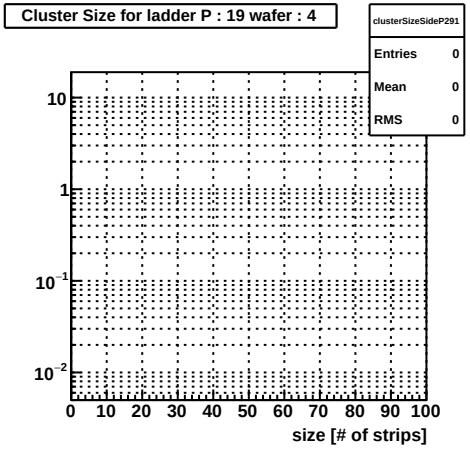

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

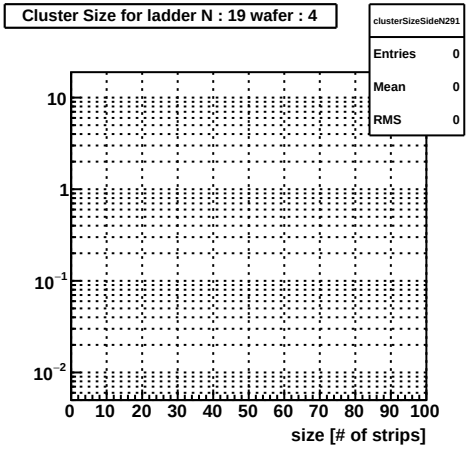

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

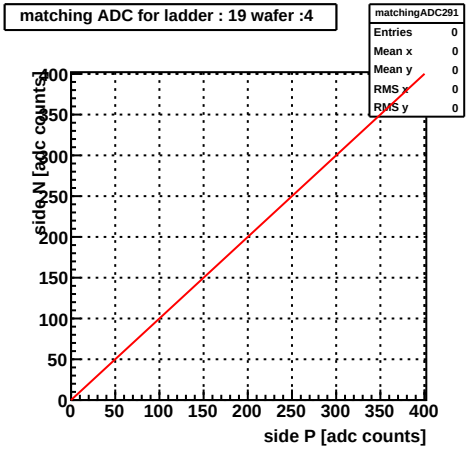

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

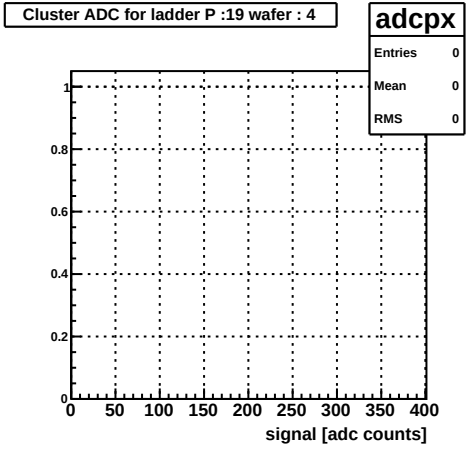

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

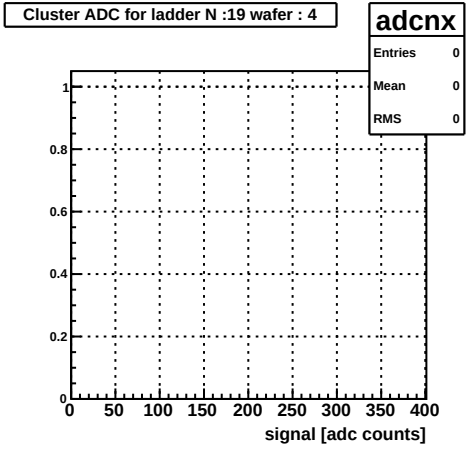

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

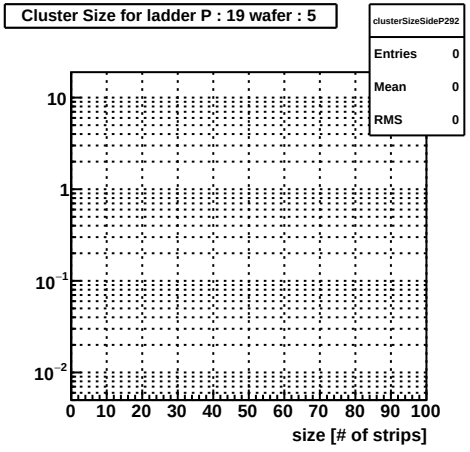

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

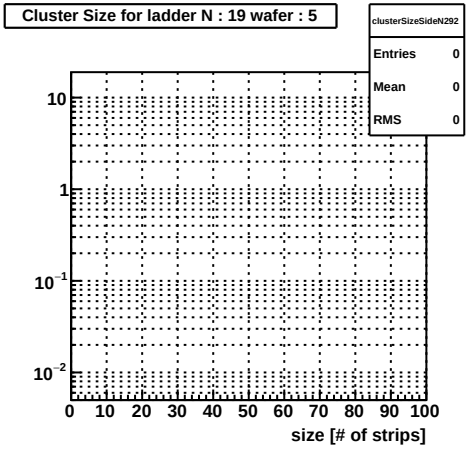

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

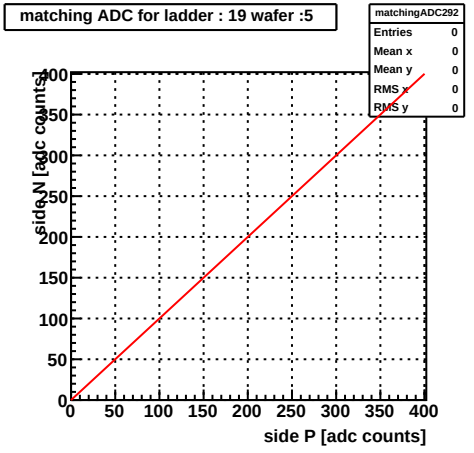

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

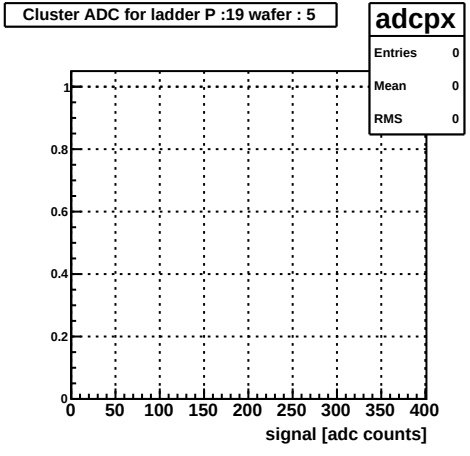

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

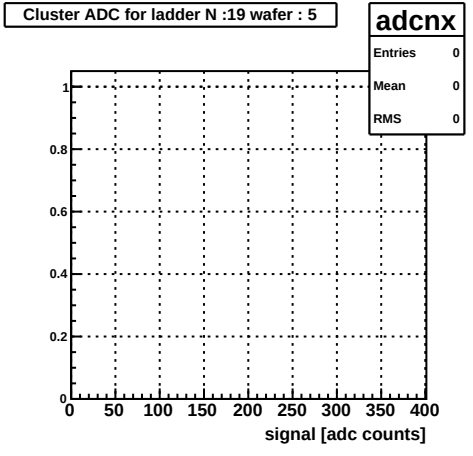

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

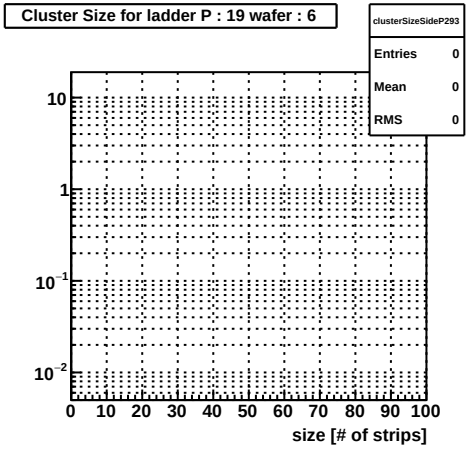

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

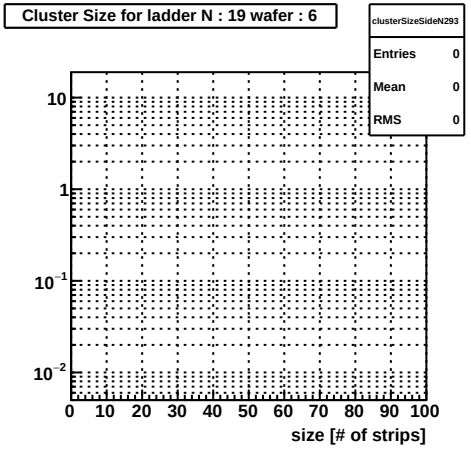

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

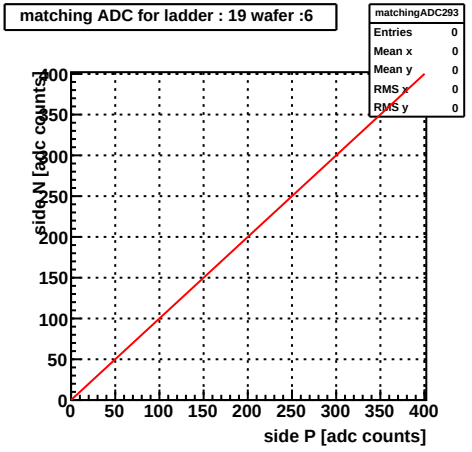

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

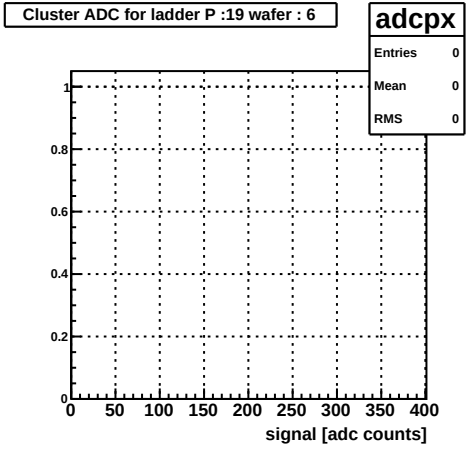

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

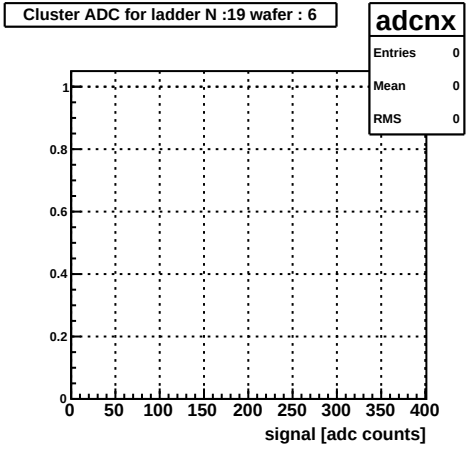

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

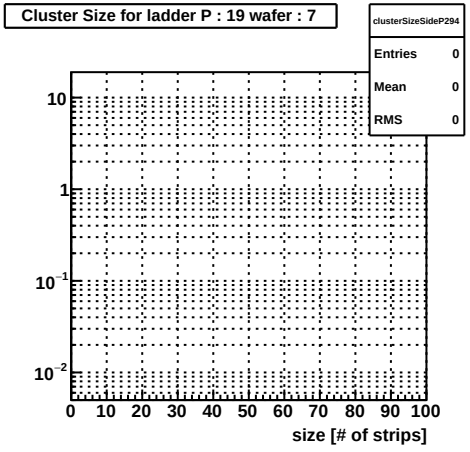

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

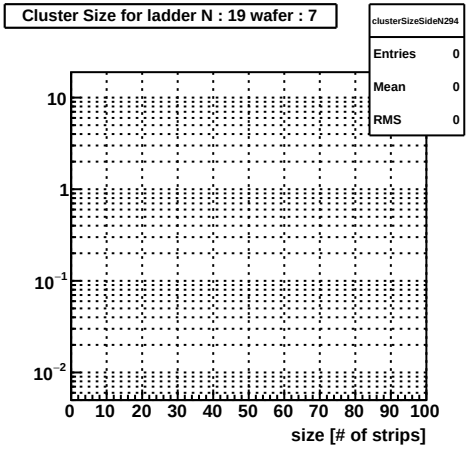

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

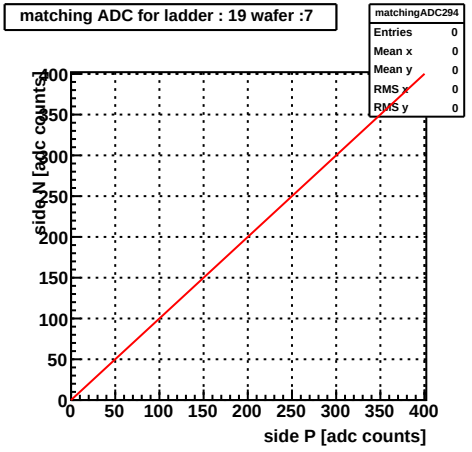

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

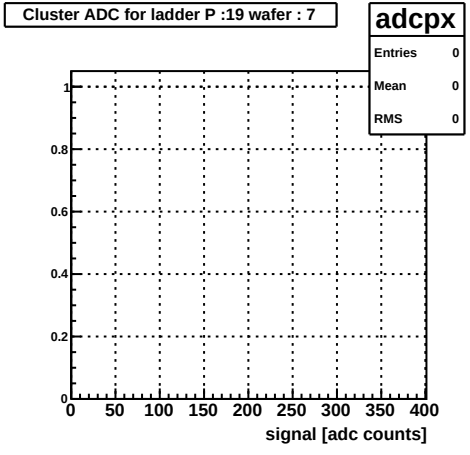

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

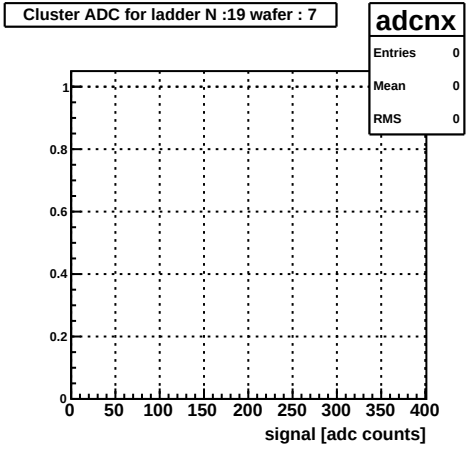

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

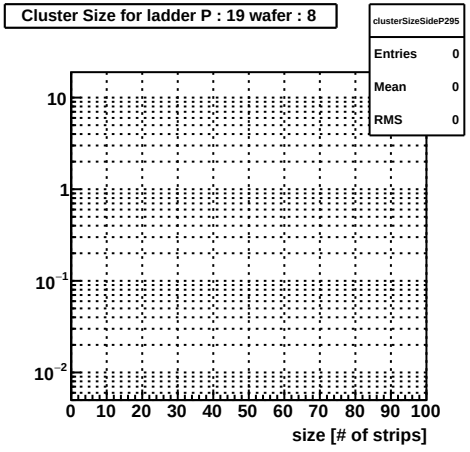

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

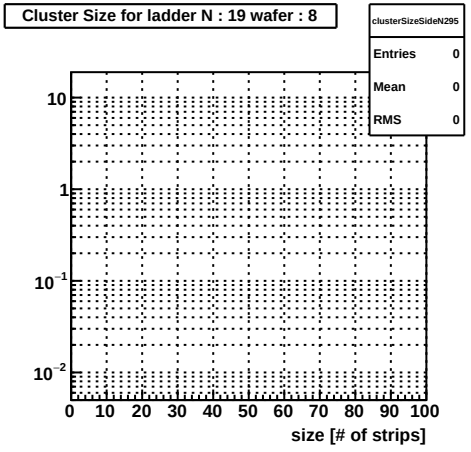

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

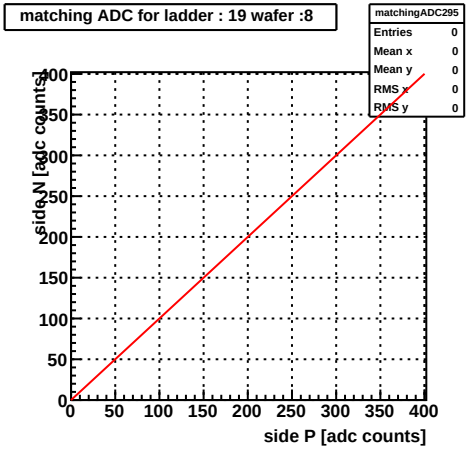

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

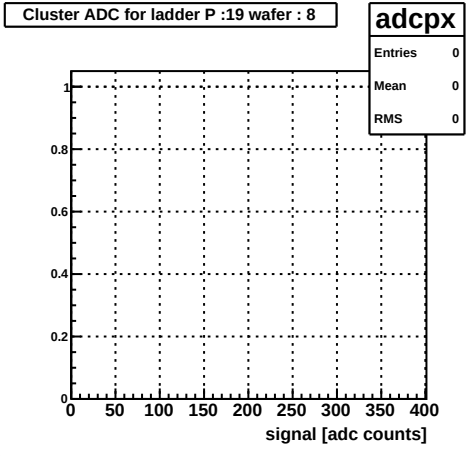

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

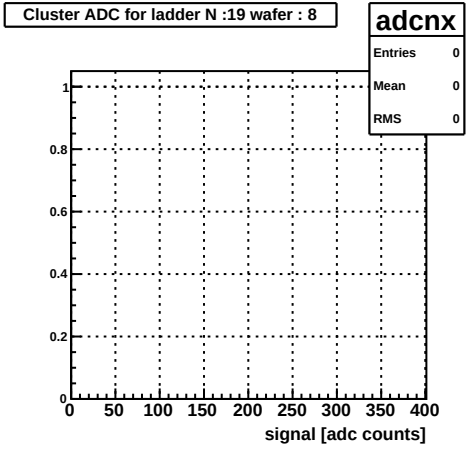

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

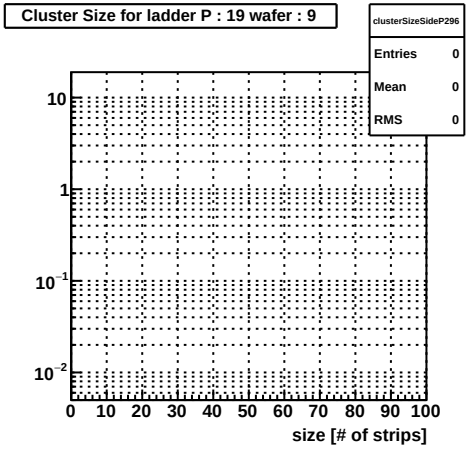

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

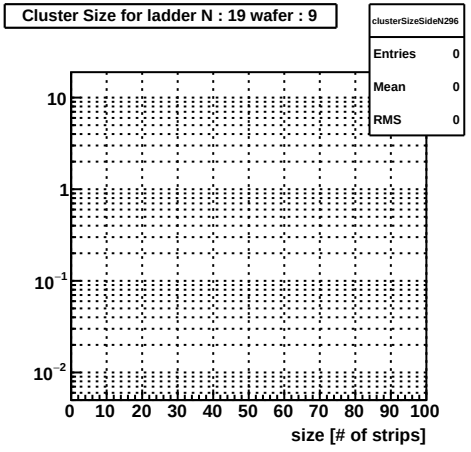

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

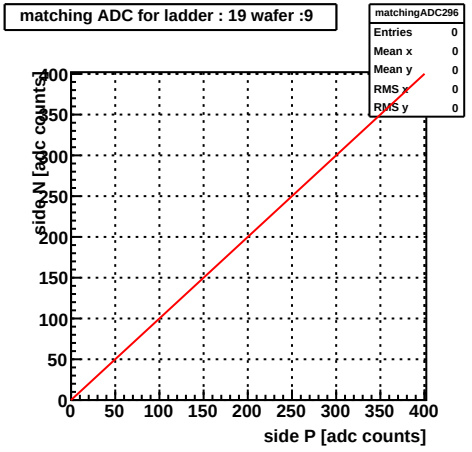

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

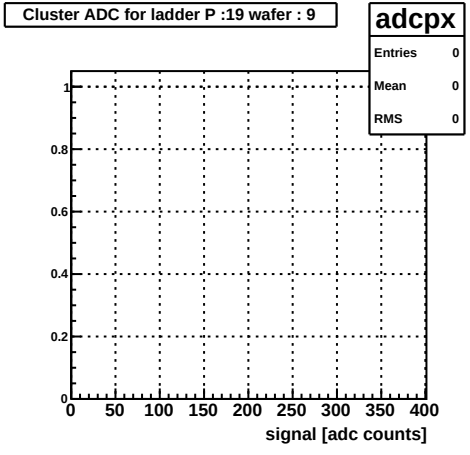

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

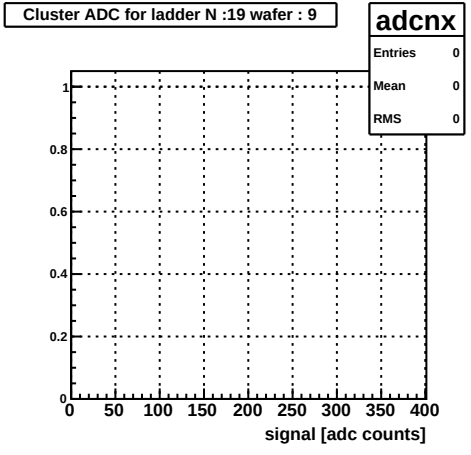

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

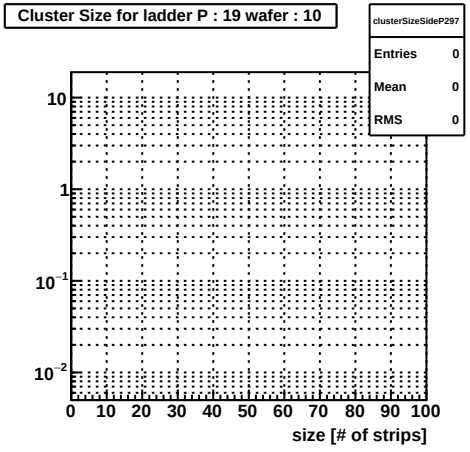

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

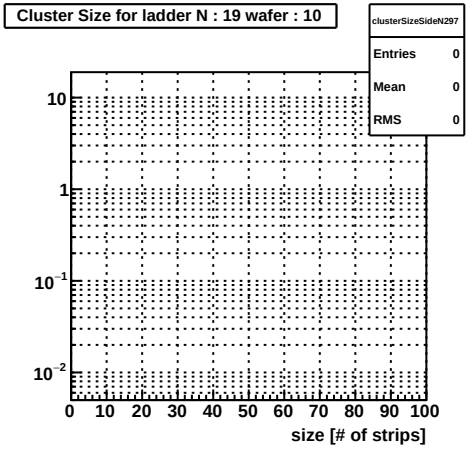

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

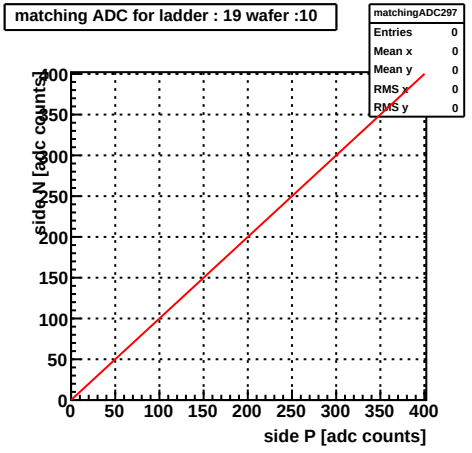

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

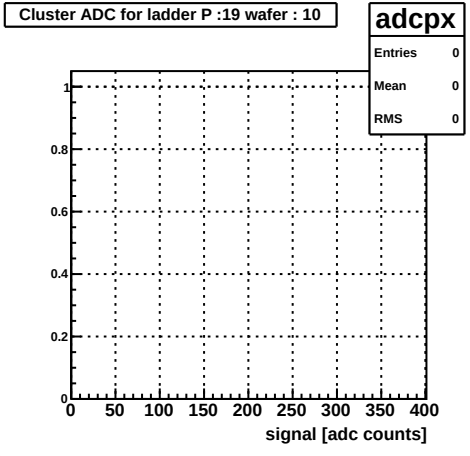

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

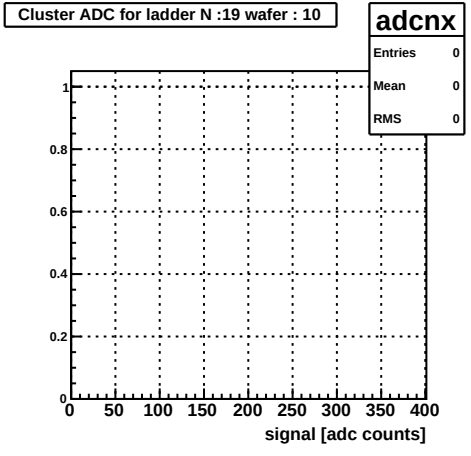

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

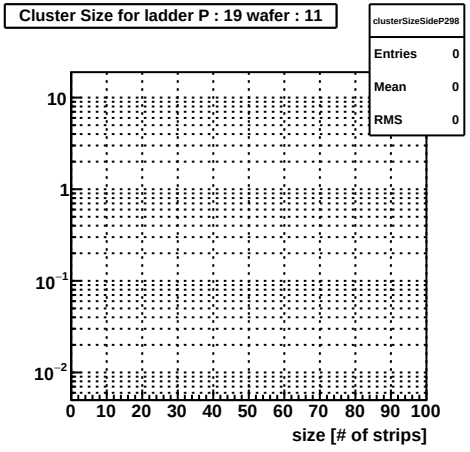

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

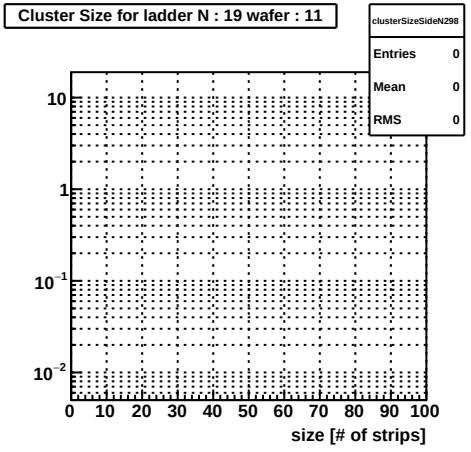

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

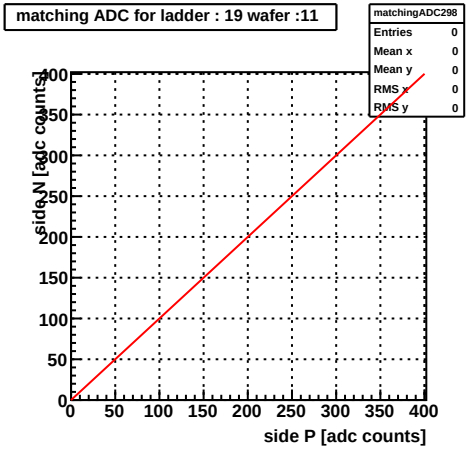

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

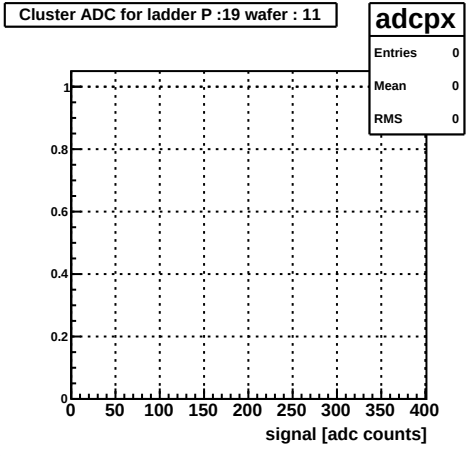

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

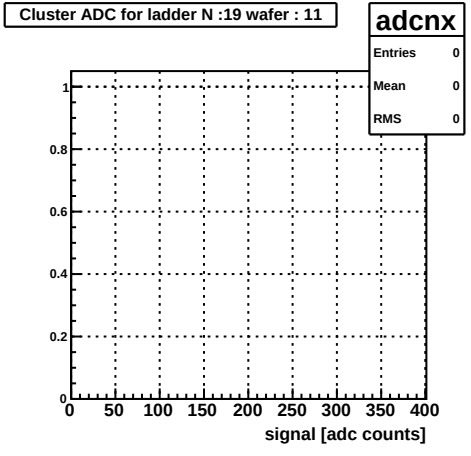

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

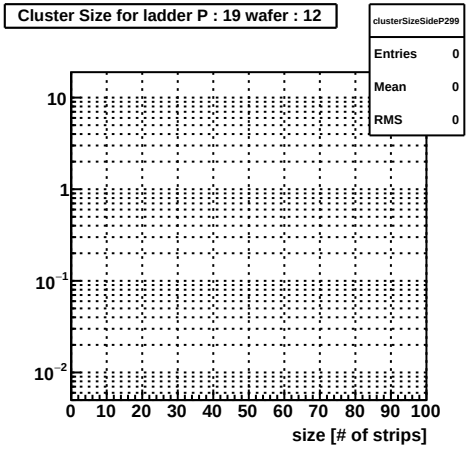

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

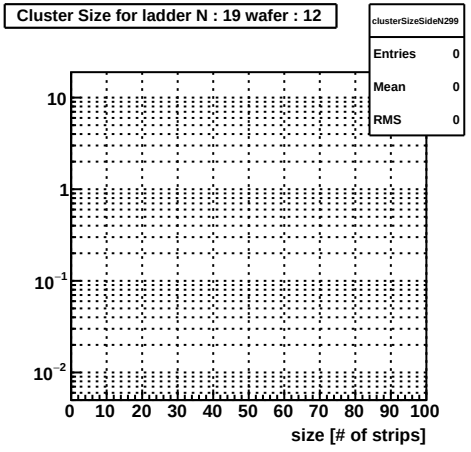

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

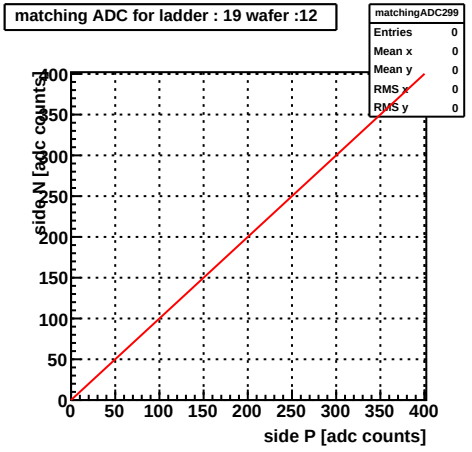

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

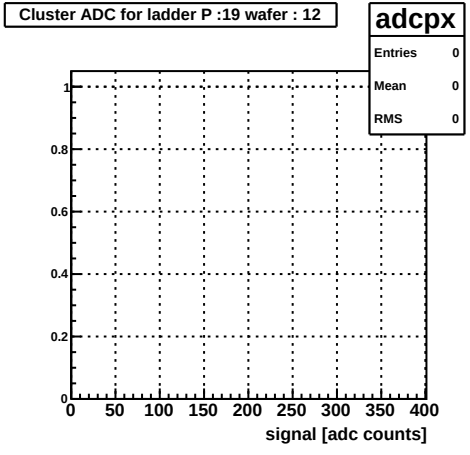

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

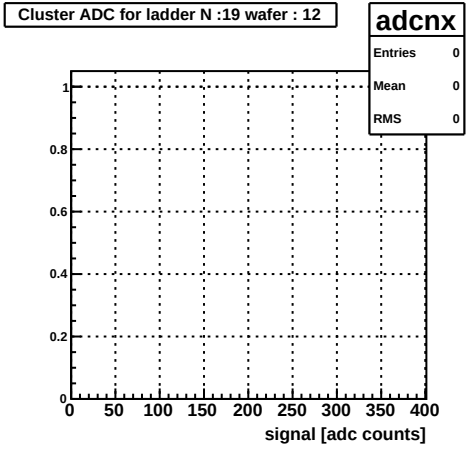

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

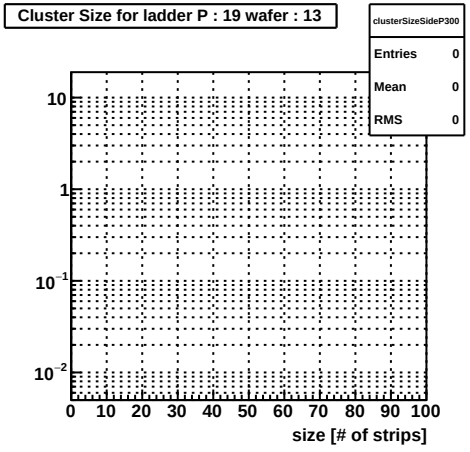

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

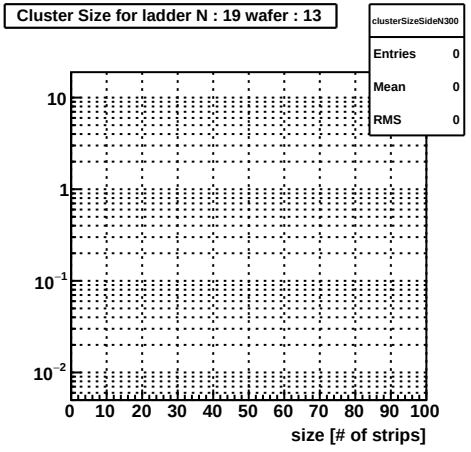

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

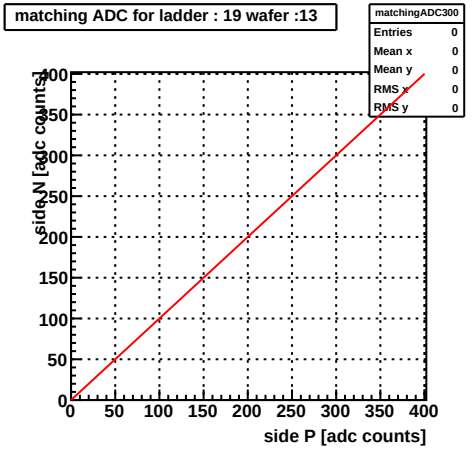

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

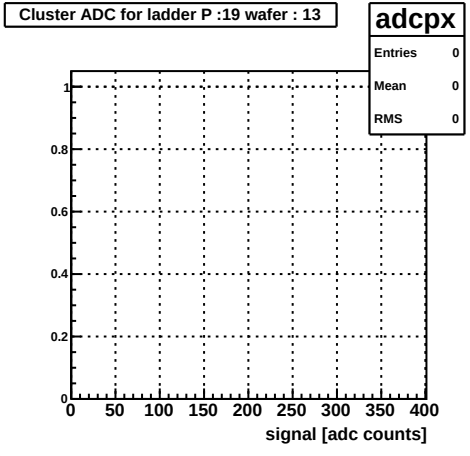

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

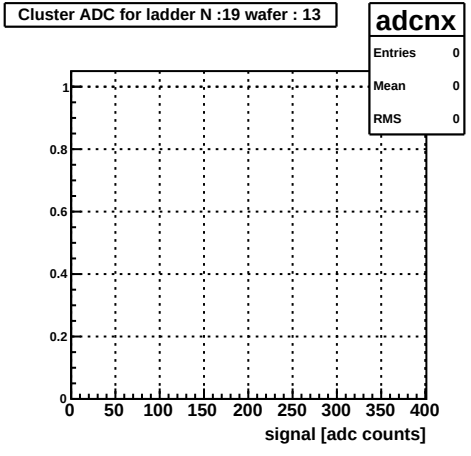

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

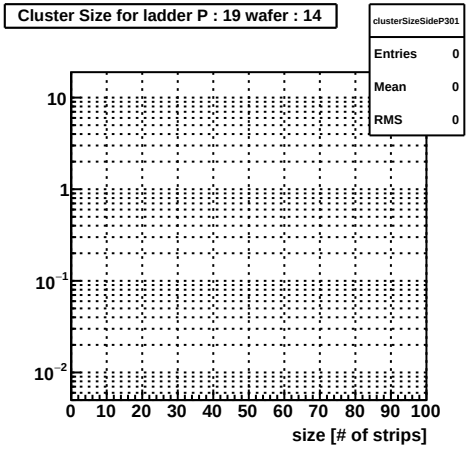

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

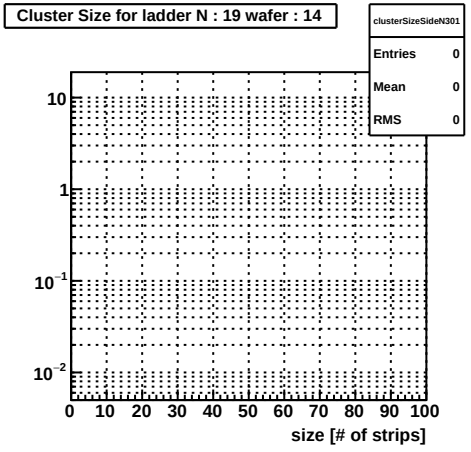

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

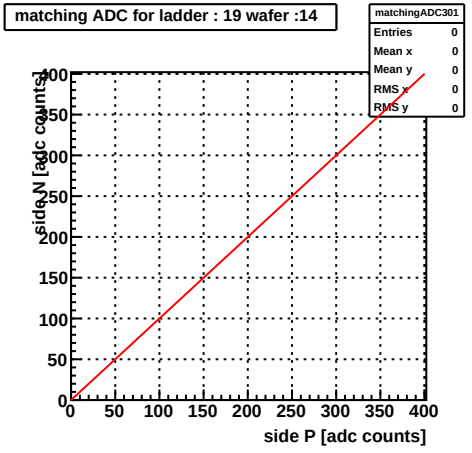

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

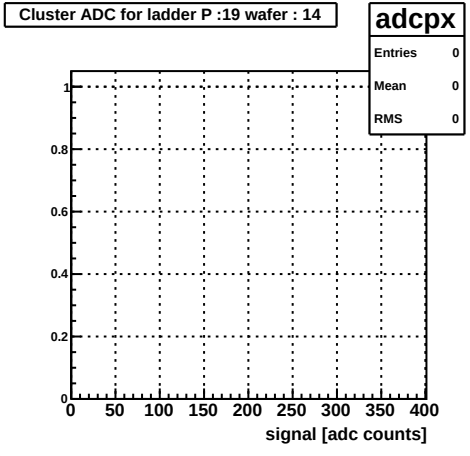

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

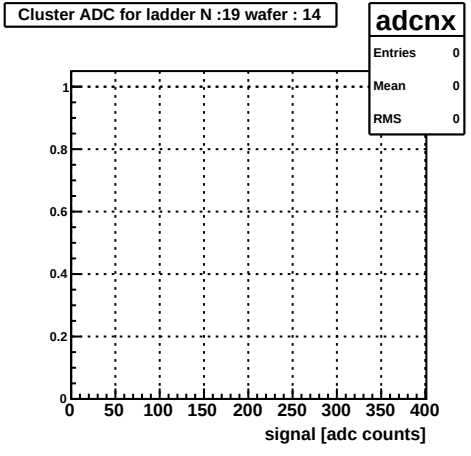

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

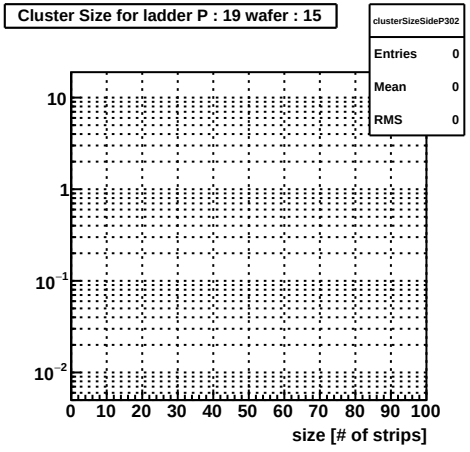

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

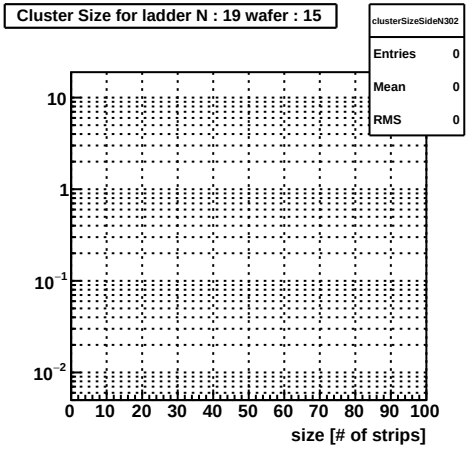

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

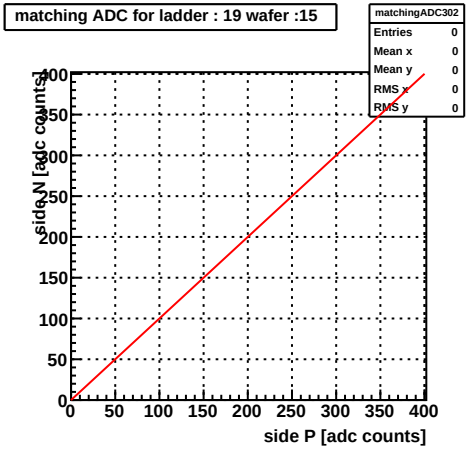

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

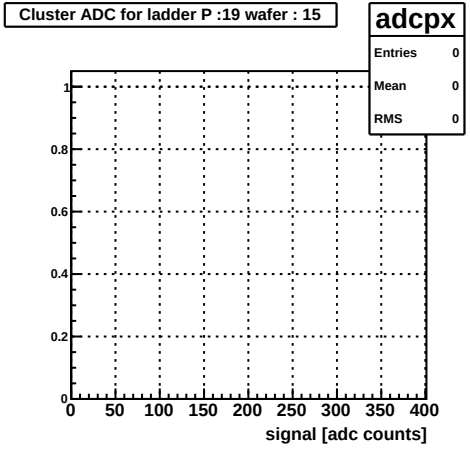

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

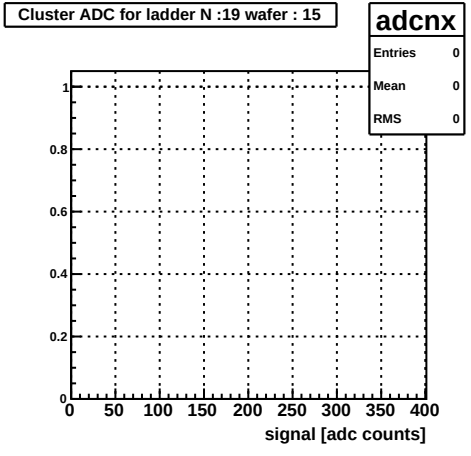

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

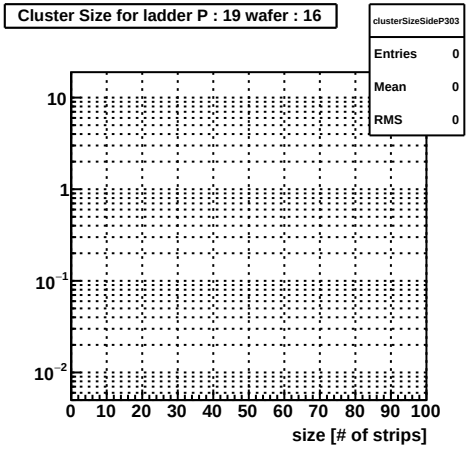

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

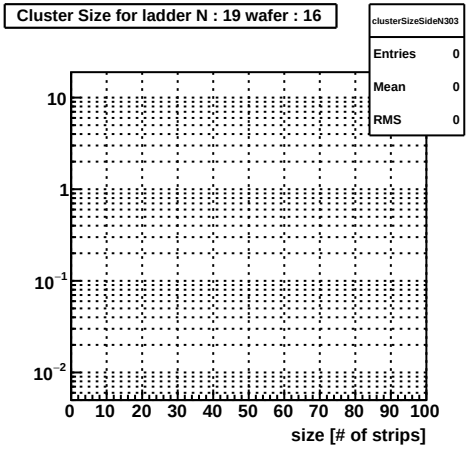

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

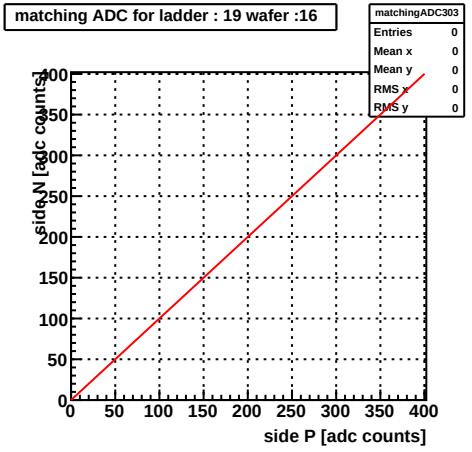

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

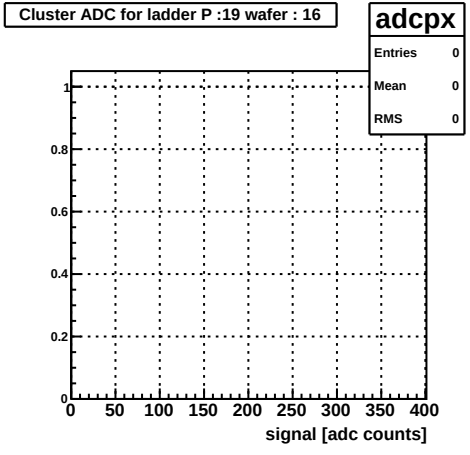

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

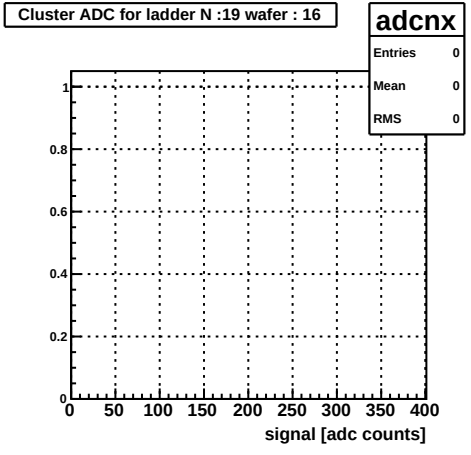

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

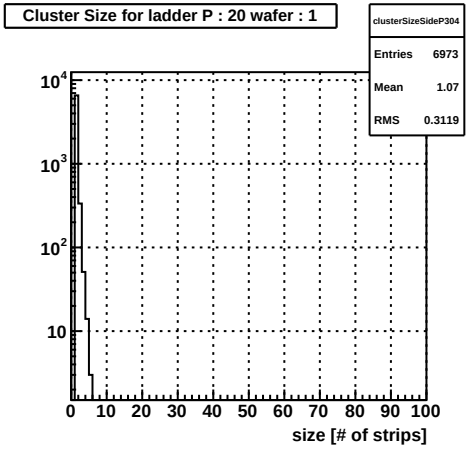

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

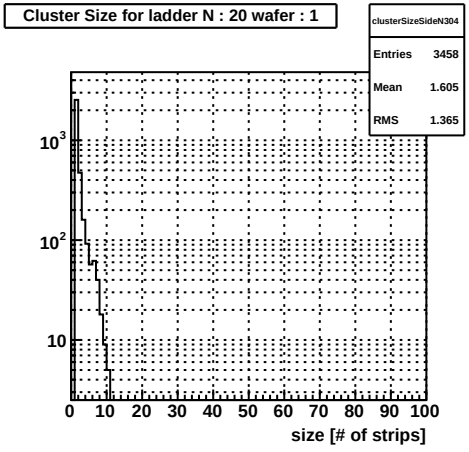

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

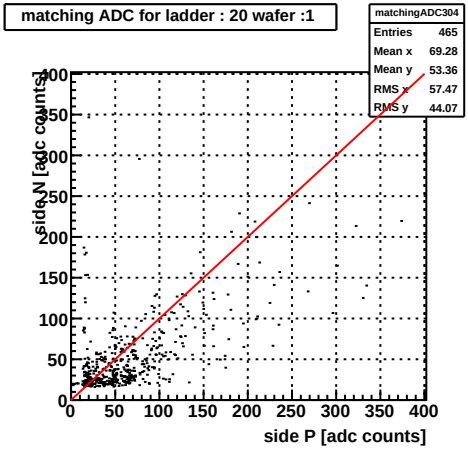

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

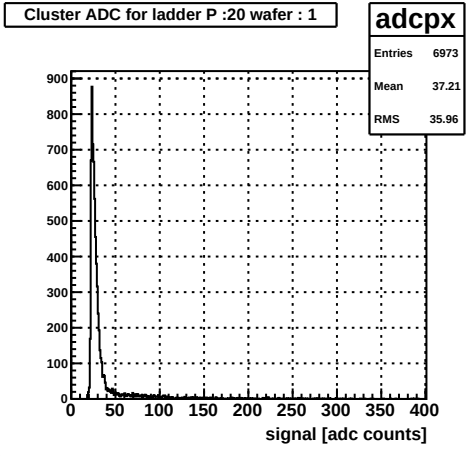

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

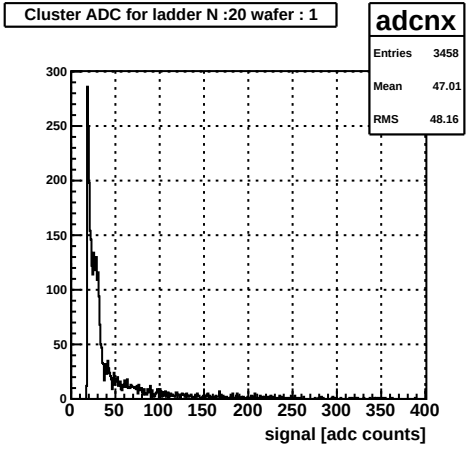

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

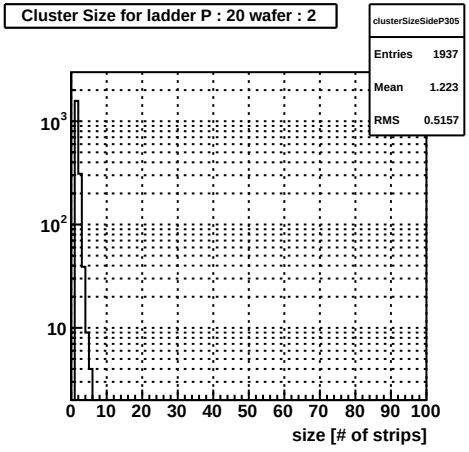

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 6973
Mean 1.07
RMS 0.3119
size [# of strips]

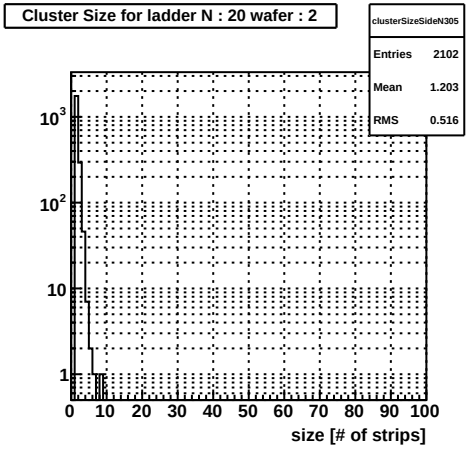

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3458
Mean 1.605
RMS 1.365
size [# of strips]

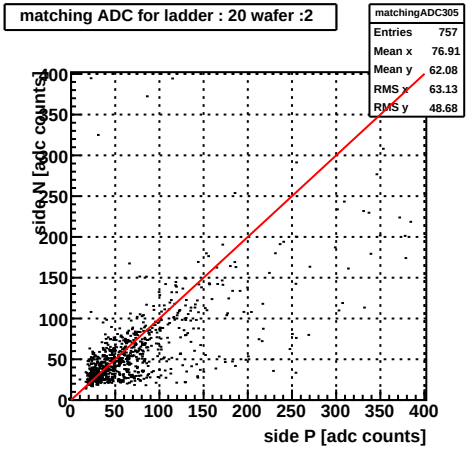

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 465
Mean x 69.28
Mean y 53.36
RMS x 57.47
RMS y 44.07
side N [adc counts]
side P [adc counts]

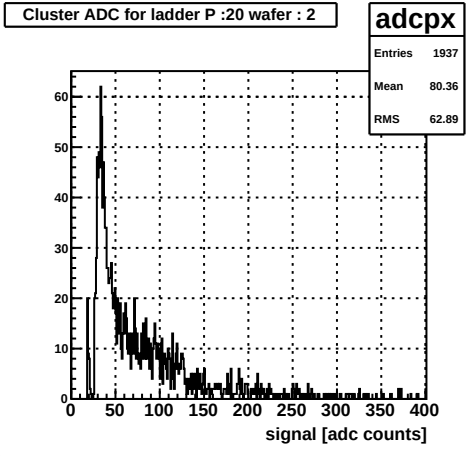

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 6973
Mean 37.21
RMS 35.96
signal [adc counts]

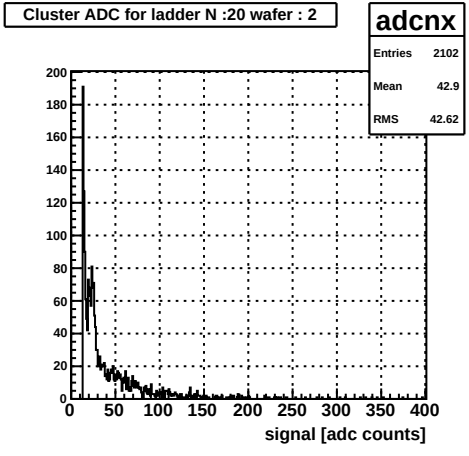

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3458
Mean 47.01
RMS 48.16
signal [adc counts]

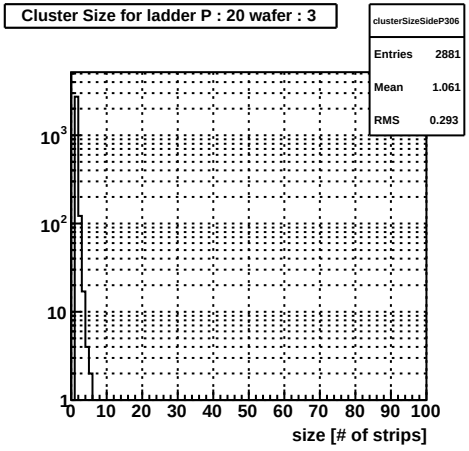

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1937
Mean 1.223
RMS 0.5157
size [# of strips]

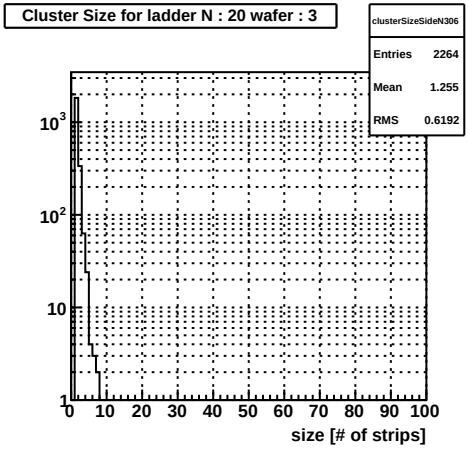

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2102
Mean 1.203
RMS 0.516
size [# of strips]

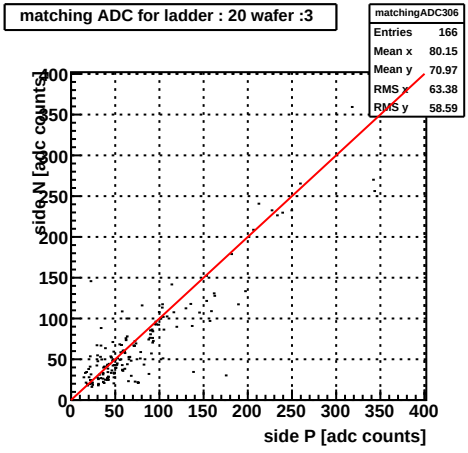

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 757
Mean x 76.91
Mean y 62.08
RMS x 63.13
RMS y 48.68
side N [adc counts]
side P [adc counts]

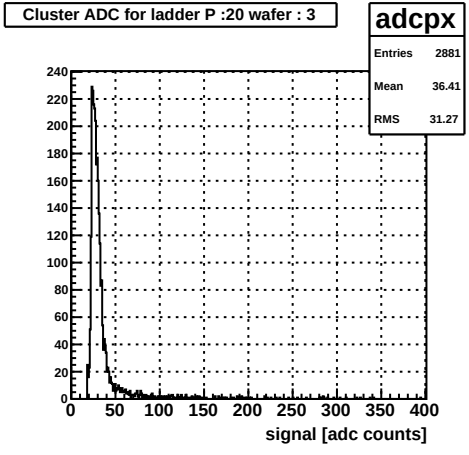

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1937
Mean 80.36
RMS 62.89
signal [adc counts]

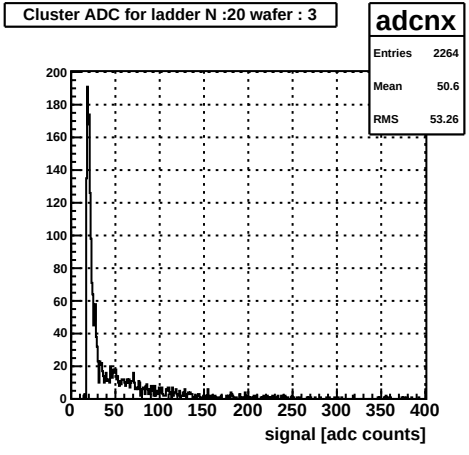

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2102
Mean 42.9
RMS 42.62
signal [adc counts]

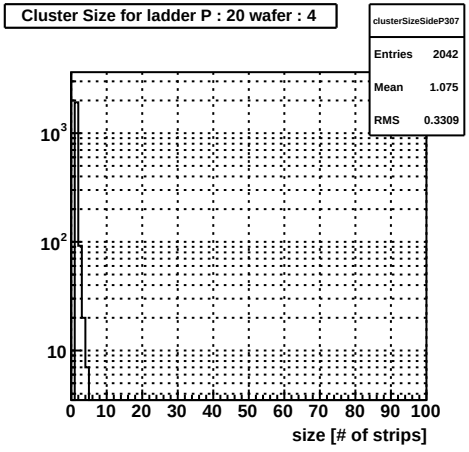

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2881
Mean 1.061
RMS 0.293
size [# of strips]

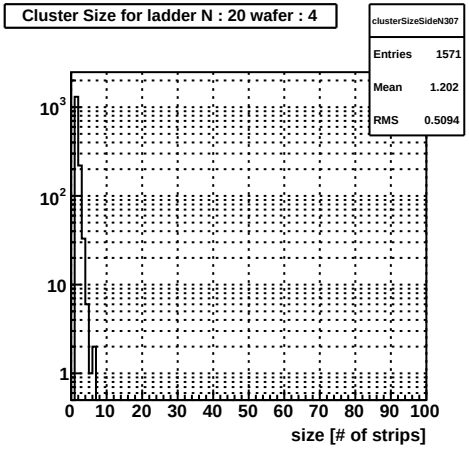

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2264
Mean 1.255
RMS 0.6192
size [# of strips]

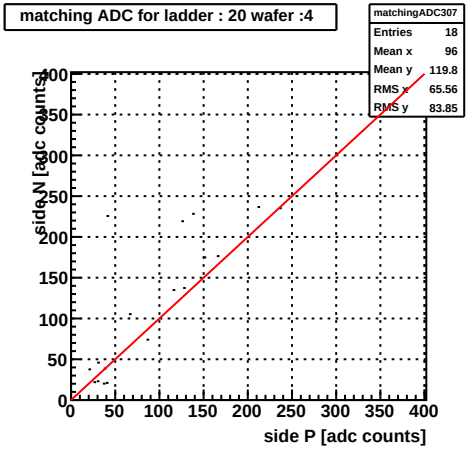

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 166
Mean x 80.15
Mean y 70.97
RMS x 63.38
RMS y 58.59
side N [adc counts]
side P [adc counts]

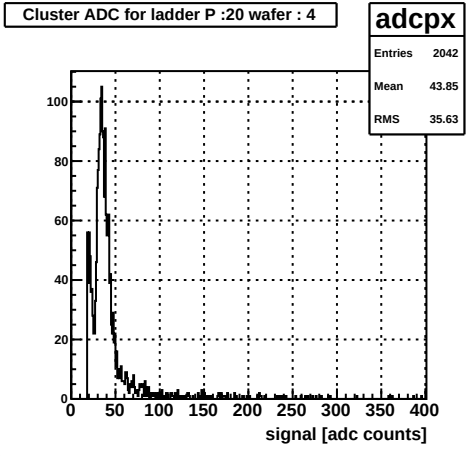

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2881
Mean 36.41
RMS 31.27
signal [adc counts]

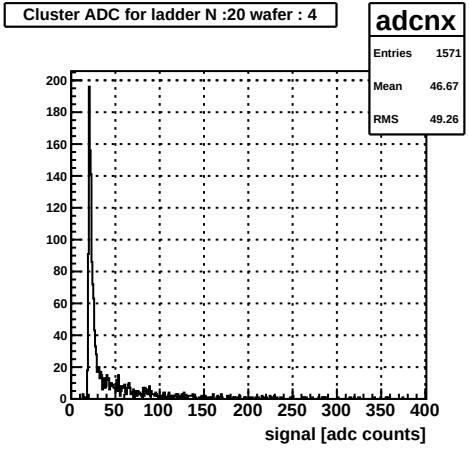

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2264
Mean 50.6
RMS 53.26
signal [adc counts]

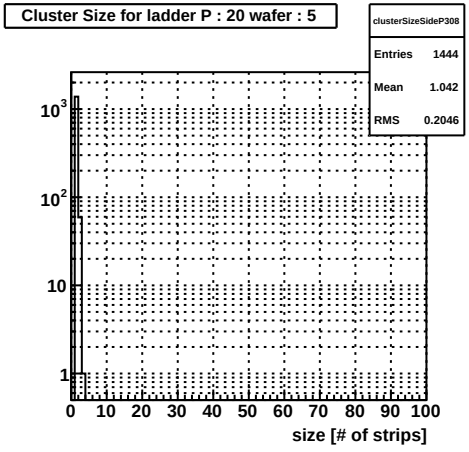

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2042
Mean 1.075
RMS 0.3309
size [# of strips]

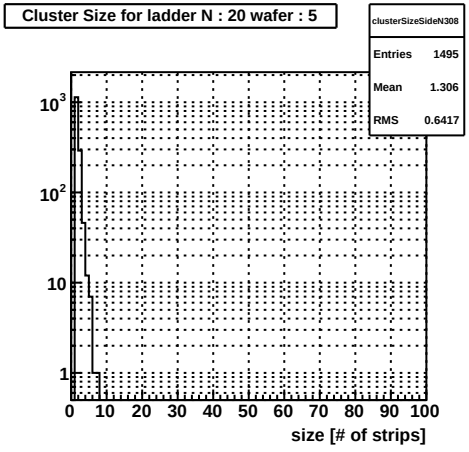

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1571
Mean 1.202
RMS 0.5094
size [# of strips]

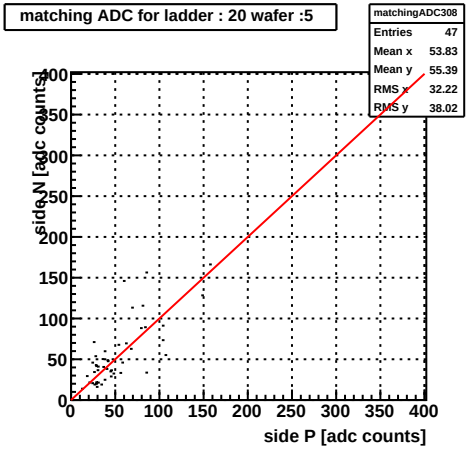

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 18
Mean x 96
Mean y 119.8
RMS x 65.56
RMS y 83.85
side N [adc counts]
side P [adc counts]

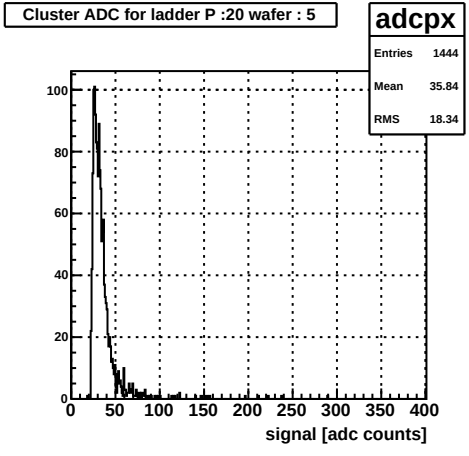

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2042
Mean 43.85
RMS 35.63
signal [adc counts]

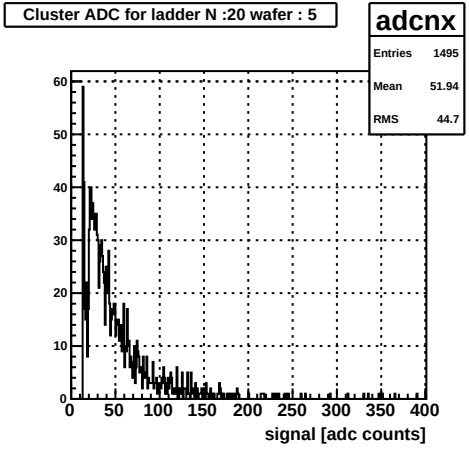

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1571
Mean 46.67
RMS 49.26
signal [adc counts]

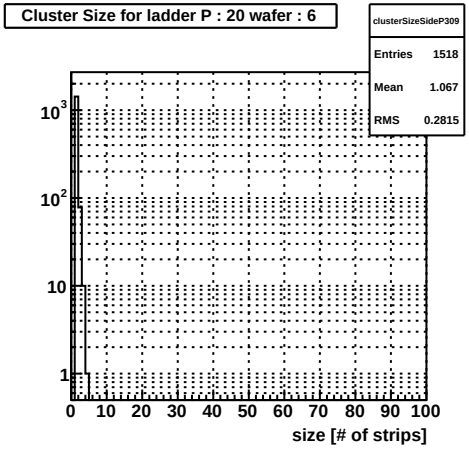

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1444
Mean 1.042
RMS 0.2046
size [# of strips]

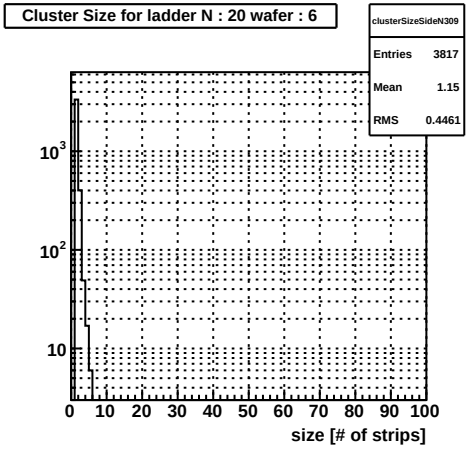

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1495
Mean 1.306
RMS 0.6417
size [# of strips]

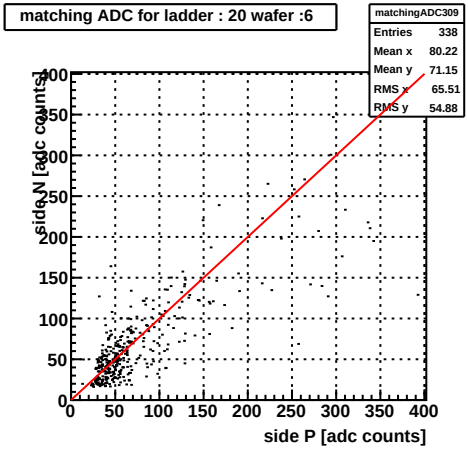

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 47
Mean x 53.83
Mean y 55.39
RMS x 32.22
RMS y 38.02
side N [adc counts]
side P [adc counts]

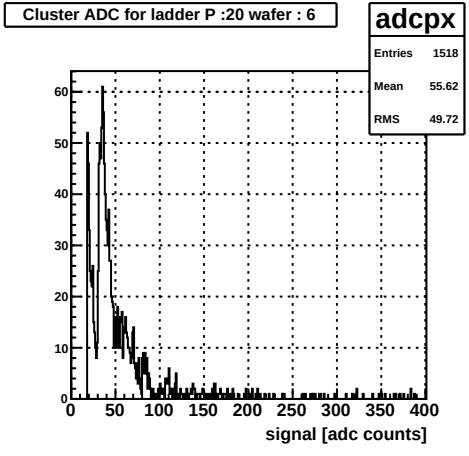

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1444
Mean 35.84
RMS 18.34
signal [adc counts]

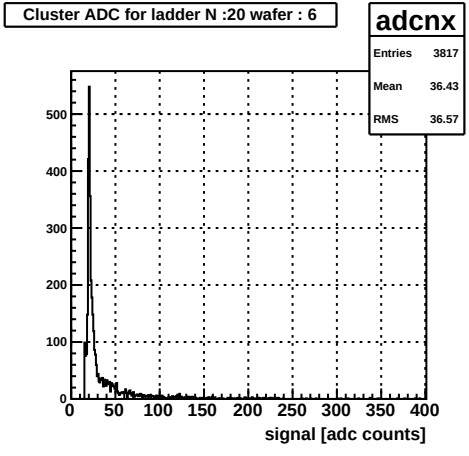

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1495
Mean 51.94
RMS 44.7
signal [adc counts]

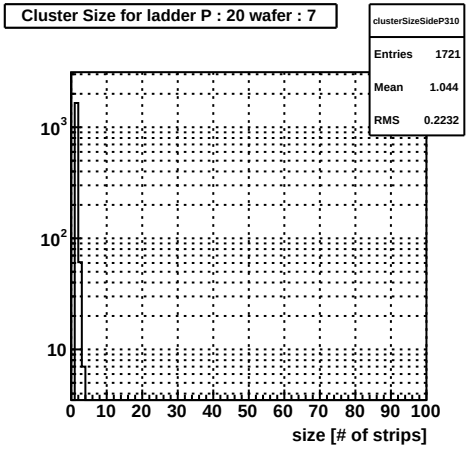

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1518
Mean 1.067
RMS 0.2815
size [# of strips]

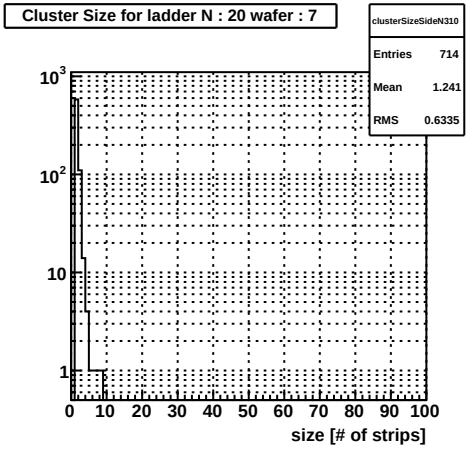

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3817
Mean 1.15
RMS 0.4461
size [# of strips]

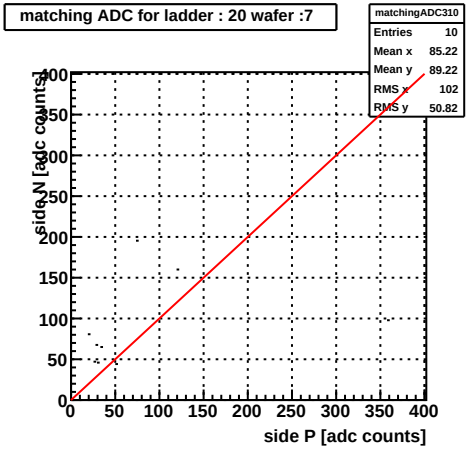

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 338
Mean x 80.22
Mean y 71.15
RMS x 65.51
RMS y 54.88
side N [adc counts]
side P [adc counts]

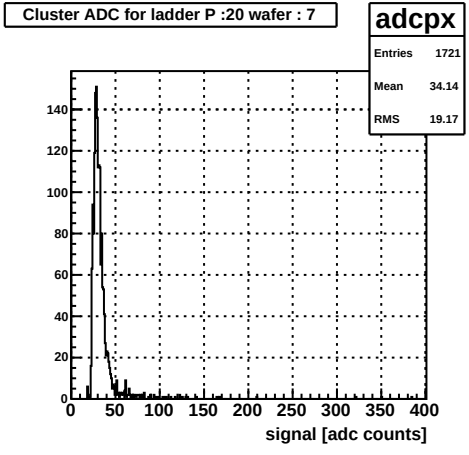

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1518
Mean 55.62
RMS 49.72
signal [adc counts]

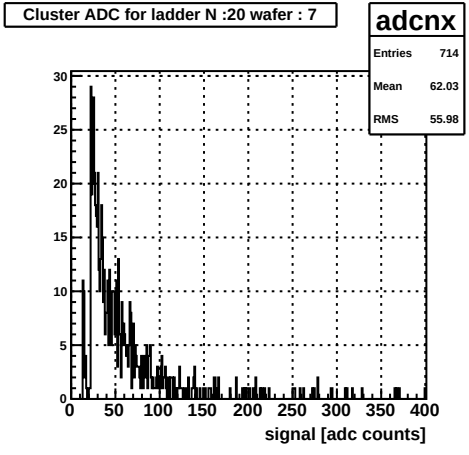

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3817
Mean 36.43
RMS 36.57
signal [adc counts]

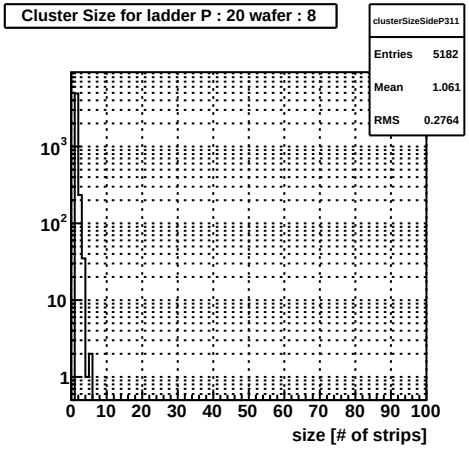

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1721
Mean 1.044
RMS 0.2232
size [# of strips]

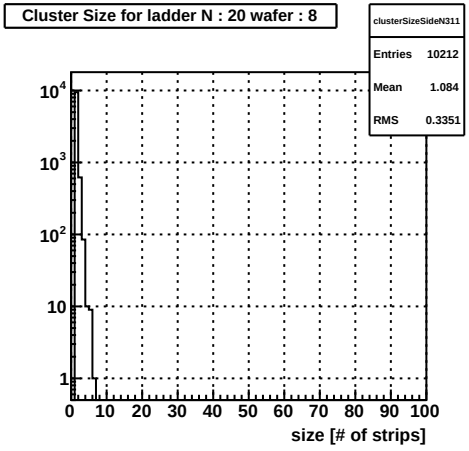

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 714
Mean 1.241
RMS 0.6335
size [# of strips]

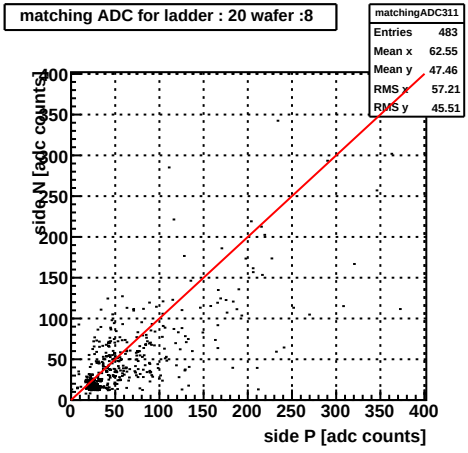

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 10
Mean x 85.22
Mean y 89.22
RMS x 102
RMS y 50.82
side N [adc counts]
side P [adc counts]

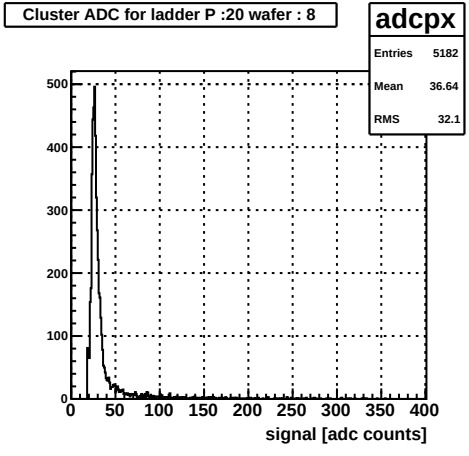

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1721
Mean 34.14
RMS 19.17
signal [adc counts]

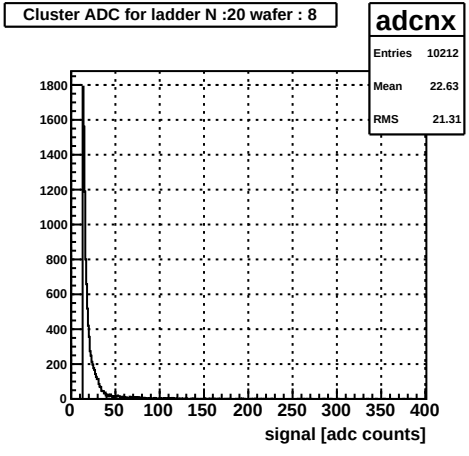

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 714
Mean 62.03
RMS 55.98
signal [adc counts]

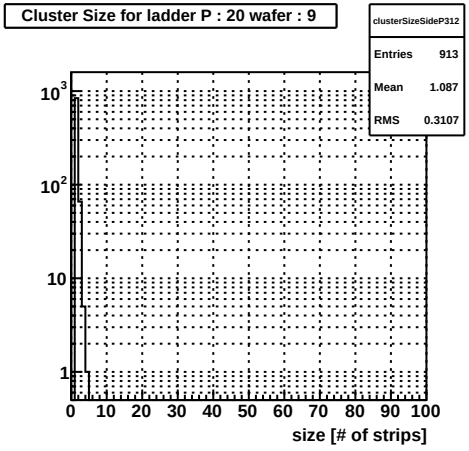

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5182
Mean 1.061
RMS 0.2764
size [# of strips]

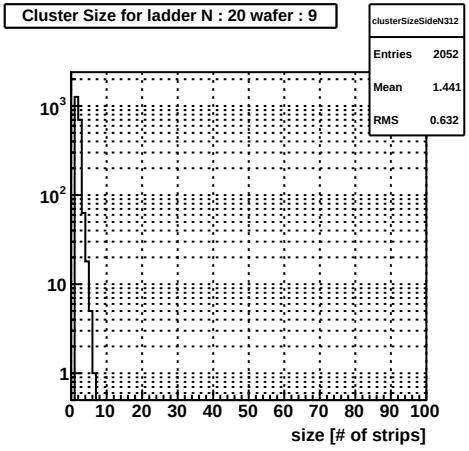

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10212
Mean 1.084
RMS 0.3351
size [# of strips]

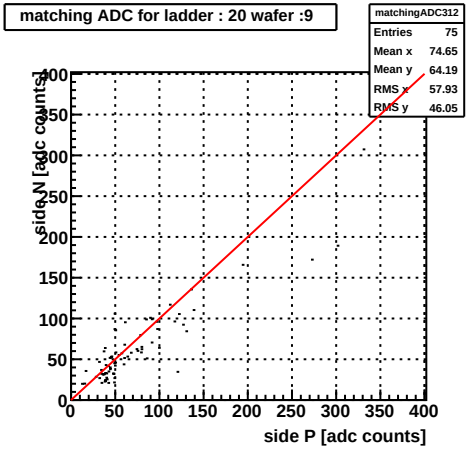

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 483
Mean x 62.55
Mean y 47.46
RMS x 57.21
RMS y 45.51
side N [adc counts]
side P [adc counts]

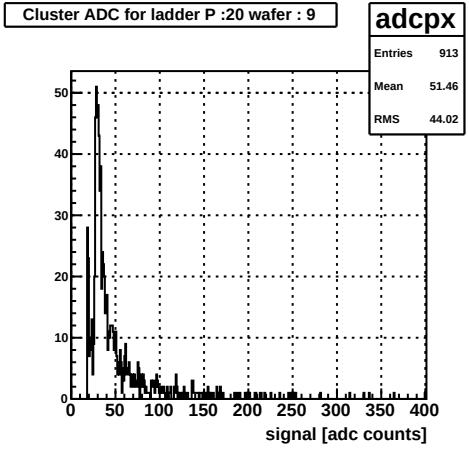

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5182
Mean 36.64
RMS 32.1
signal [adc counts]

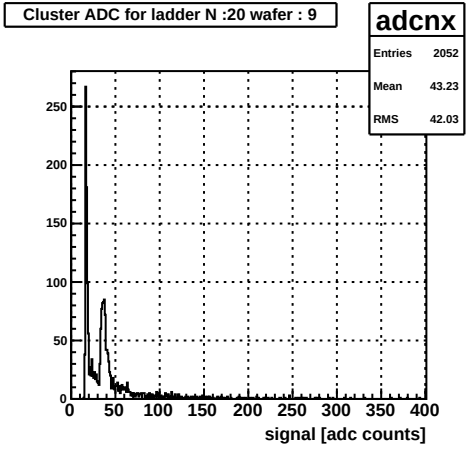

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10212
Mean 22.63
RMS 21.31
signal [adc counts]

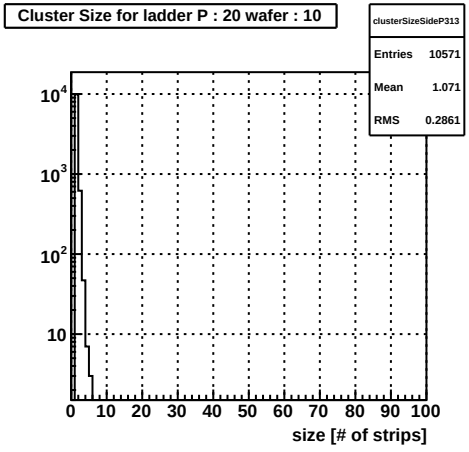

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 913
Mean 1.087
RMS 0.3107
size [# of strips]

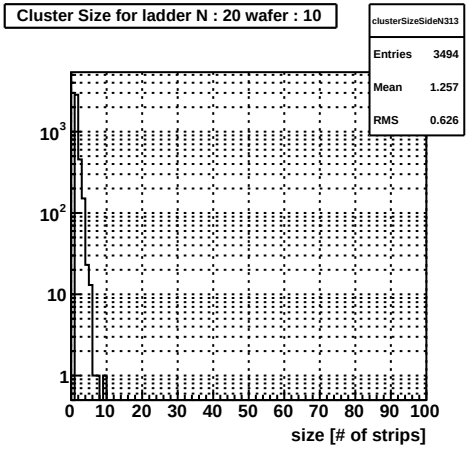

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2052
Mean 1.441
RMS 0.632
size [# of strips]

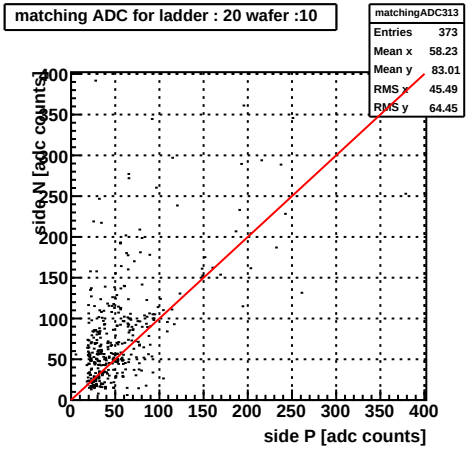

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 75
Mean x 74.65
Mean y 64.19
RMS x 57.93
RMS y 46.05
side N [adc counts]
side P [adc counts]

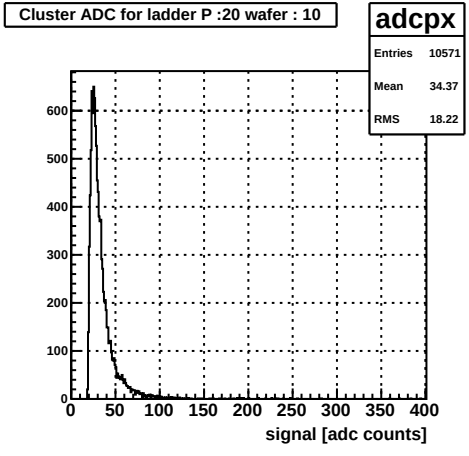

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 913
Mean 51.46
RMS 44.02
signal [adc counts]

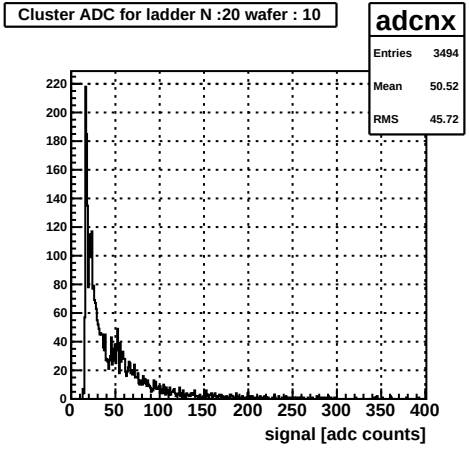

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2052
Mean 43.23
RMS 42.03
signal [adc counts]

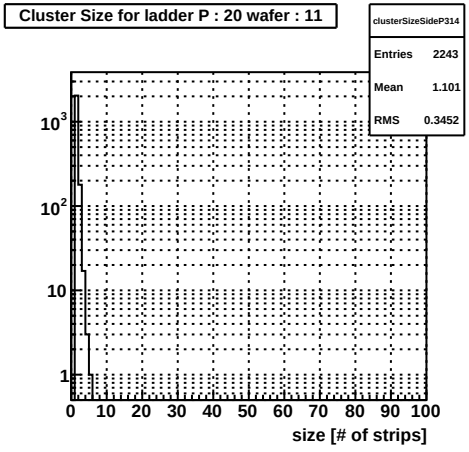

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 10571
Mean 1.071
RMS 0.2861
size [# of strips]

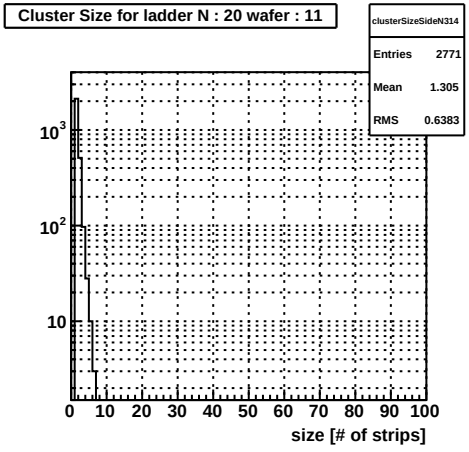

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3494
Mean 1.257
RMS 0.626
size [# of strips]

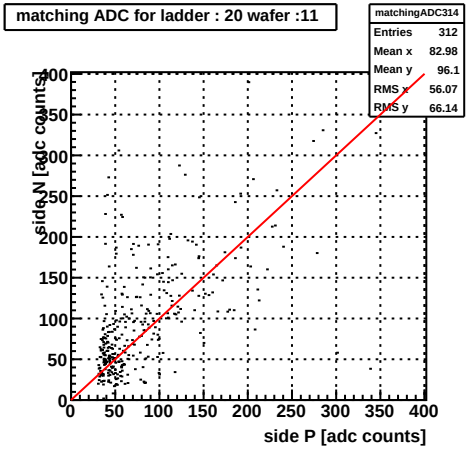

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 373
Mean x 58.23
Mean y 83.01
RMS x 45.49
RMS y 64.45
side N [adc counts]
side P [adc counts]

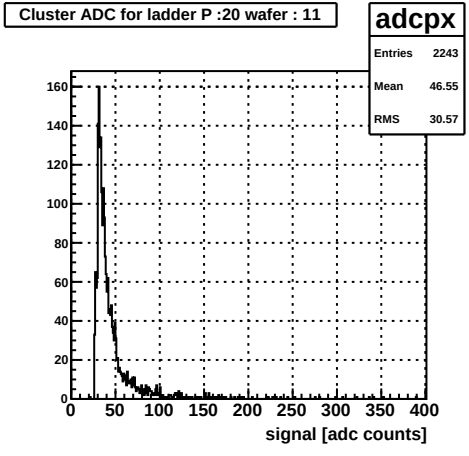

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 10571
Mean 34.37
RMS 18.22
signal [adc counts]

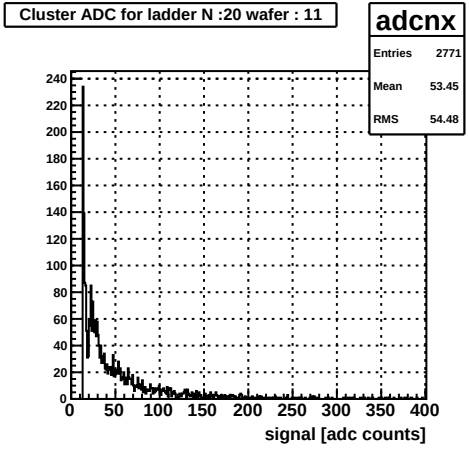

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3494
Mean 50.52
RMS 45.72
signal [adc counts]

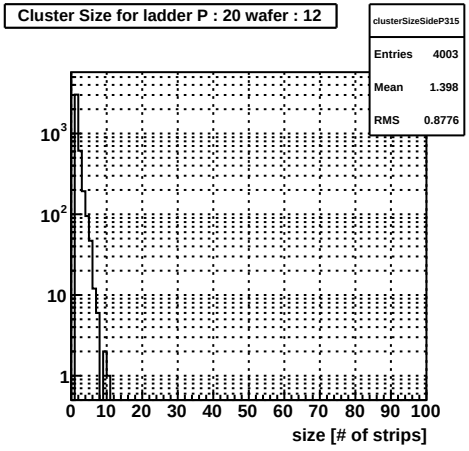

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2243
Mean 1.101
RMS 0.3452
size [# of strips]

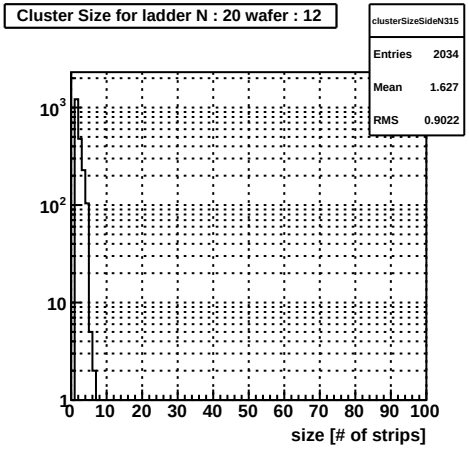

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2771
Mean 1.305
RMS 0.6383
size [# of strips]

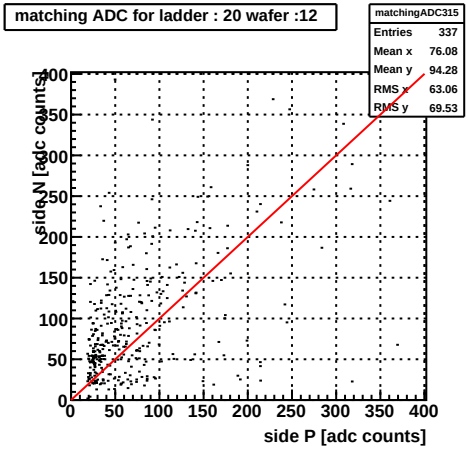

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 312
Mean x 82.98
Mean y 96.1
RMS x 56.07
RMS y 66.14
side N [adc counts]
side P [adc counts]

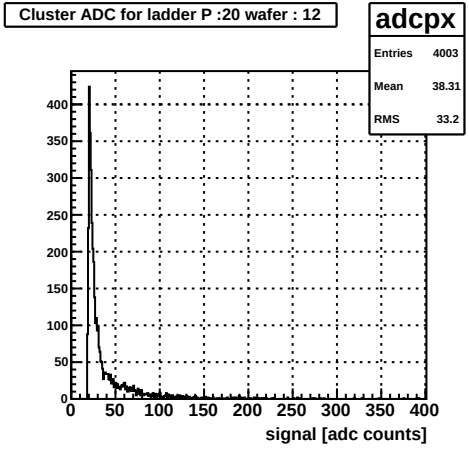

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2243
Mean 46.55
RMS 30.57
signal [adc counts]

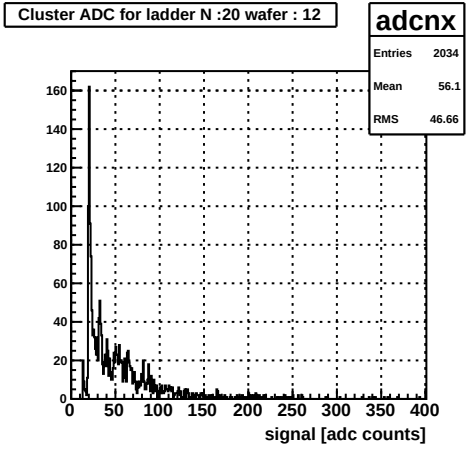

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2771
Mean 53.45
RMS 54.48
signal [adc counts]

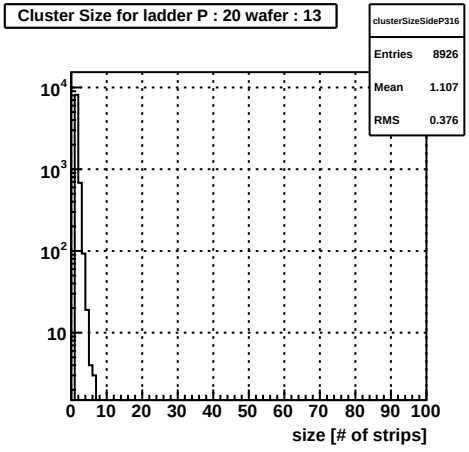

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4003
Mean 1.398
RMS 0.8776
size [# of strips]

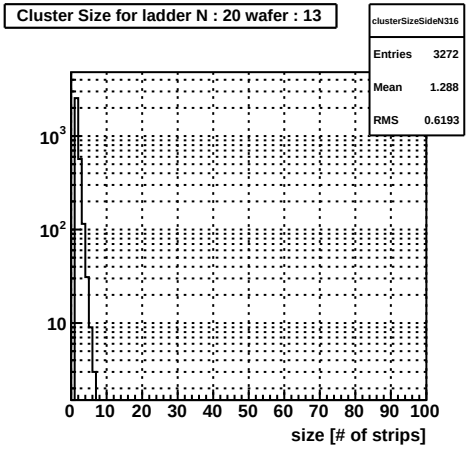

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2034
Mean 1.627
RMS 0.9022
size [# of strips]

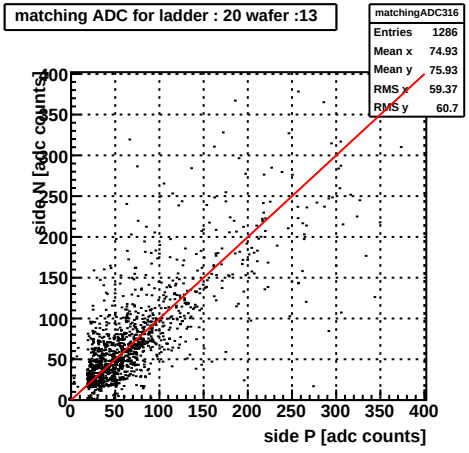

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 337
Mean x 76.08
Mean y 94.28
RMS x 63.06
RMS y 69.53
side N [adc counts]
side P [adc counts]

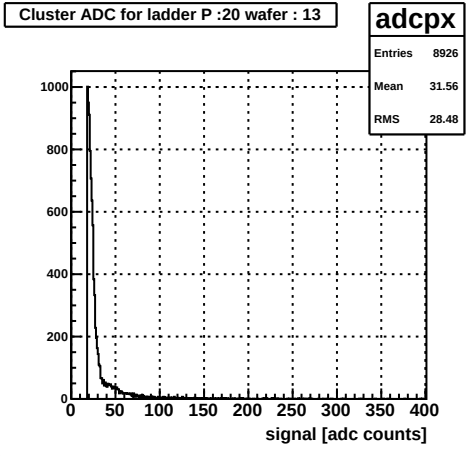

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4003
Mean 38.31
RMS 33.2
signal [adc counts]

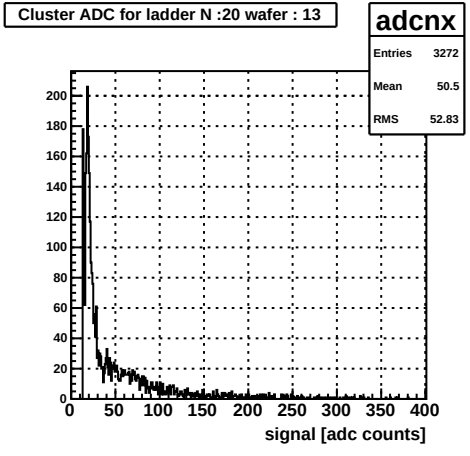

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2034
Mean 56.1
RMS 46.66
signal [adc counts]

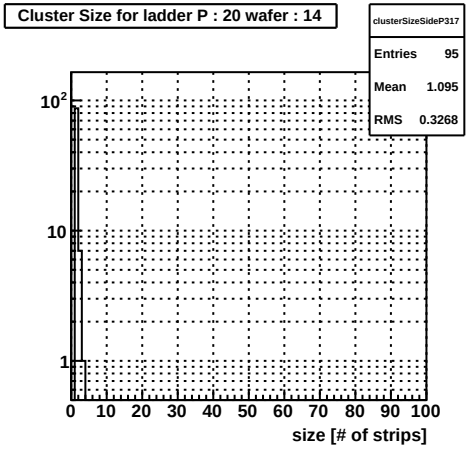

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8926
Mean 1.107
RMS 0.376
size [# of strips]

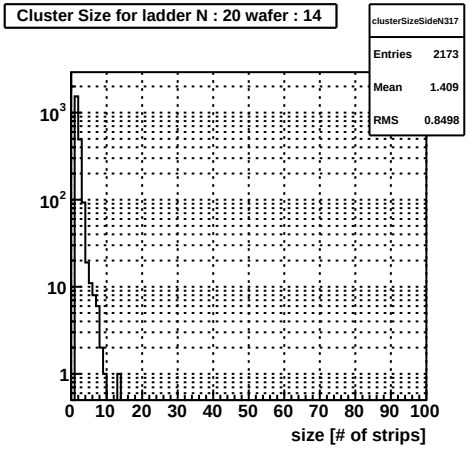

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3272
Mean 1.288
RMS 0.6193
size [# of strips]

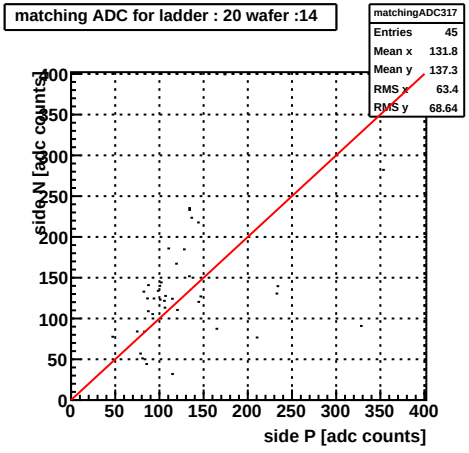

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1286
Mean x 74.93
Mean y 75.93
RMS x 59.37
RMS y 60.7
side N [adc counts]
side P [adc counts]

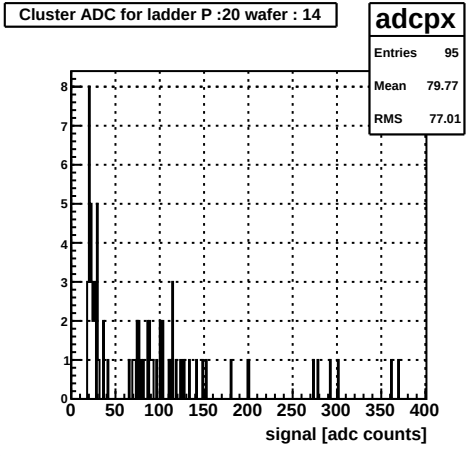

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8926
Mean 31.56
RMS 28.48
signal [adc counts]

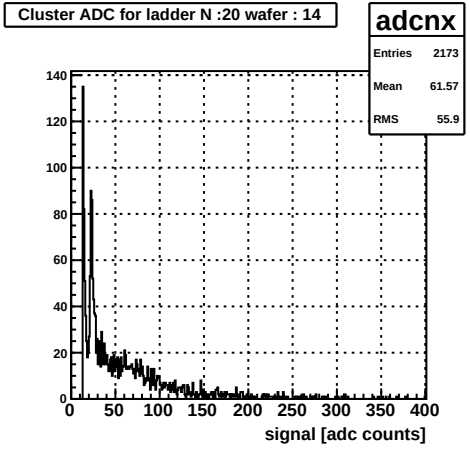

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3272
Mean 50.5
RMS 52.83
signal [adc counts]

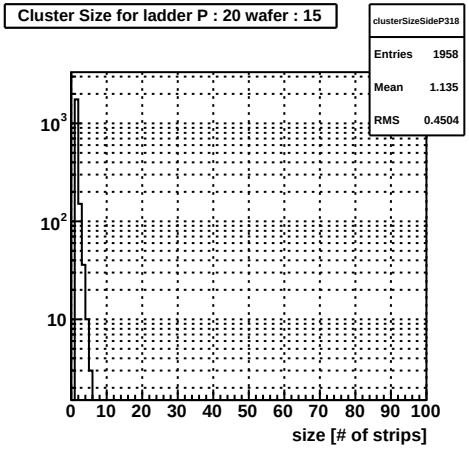

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 95
Mean 1.095
RMS 0.3268
size [# of strips]

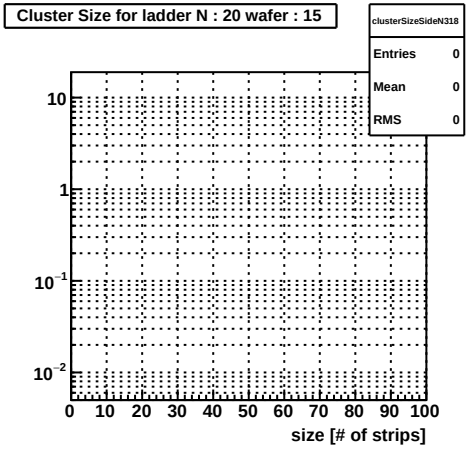

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2173
Mean 1.409
RMS 0.8498
size [# of strips]

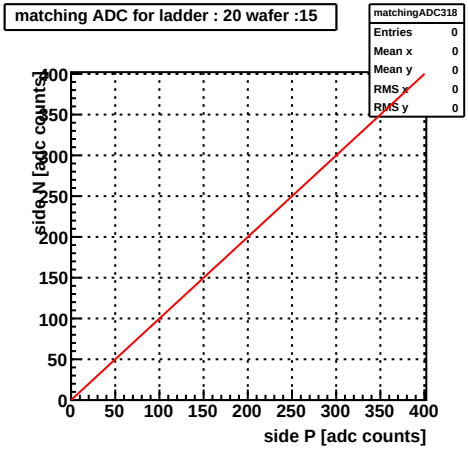

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 45
Mean x 131.8
Mean y 137.3
RMS x 63.4
RMS y 68.64
side N [adc counts]
side P [adc counts]

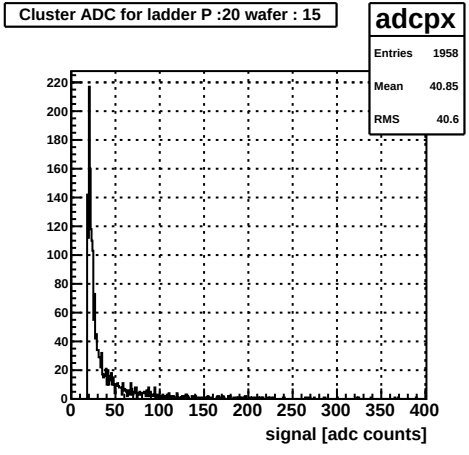

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 95
Mean 79.77
RMS 77.01
signal [adc counts]

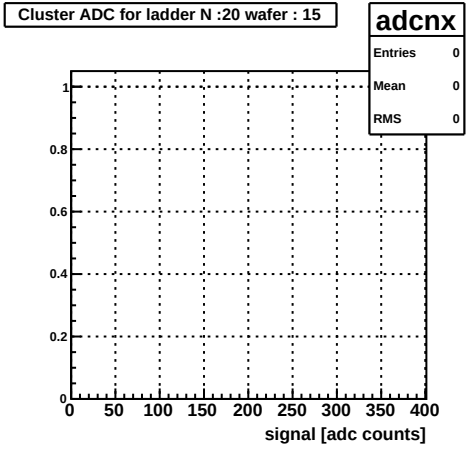

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2173
Mean 61.57
RMS 55.9
signal [adc counts]

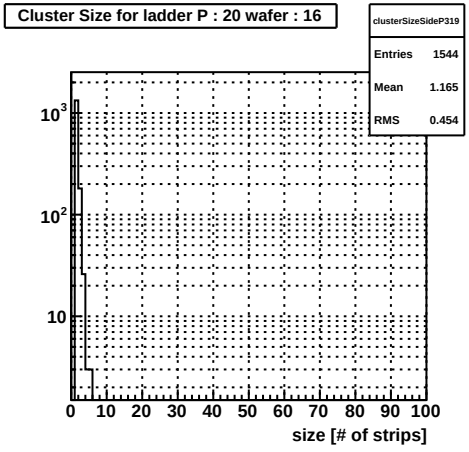

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 1958
Mean 1.135
RMS 0.4504
size [# of strips]

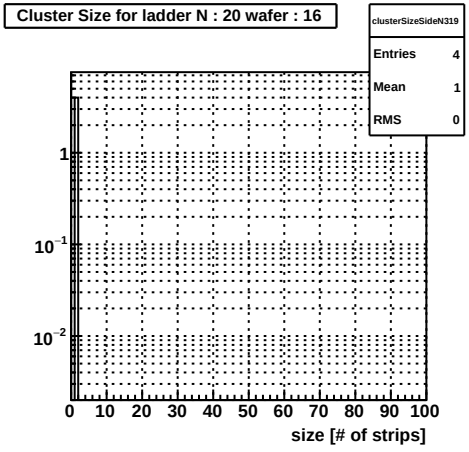

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 0
Mean 0
RMS 0
size [# of strips]

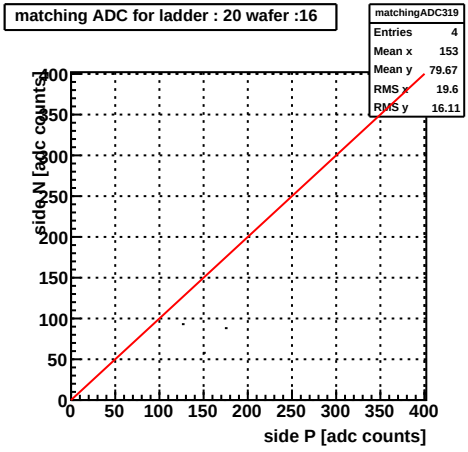

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

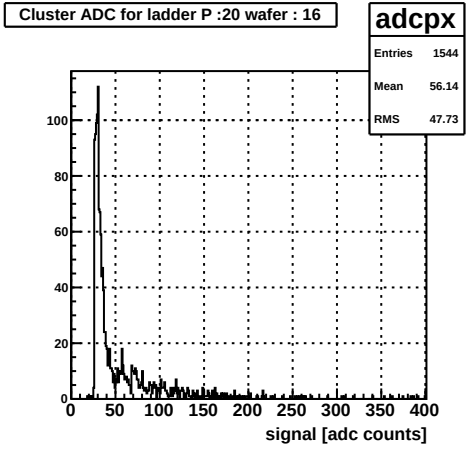

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 1958
Mean 40.85
RMS 40.6
signal [adc counts]

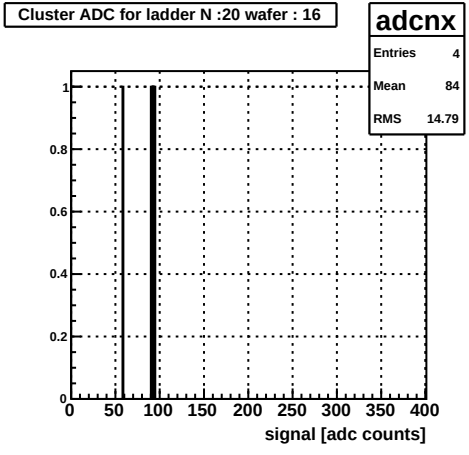

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

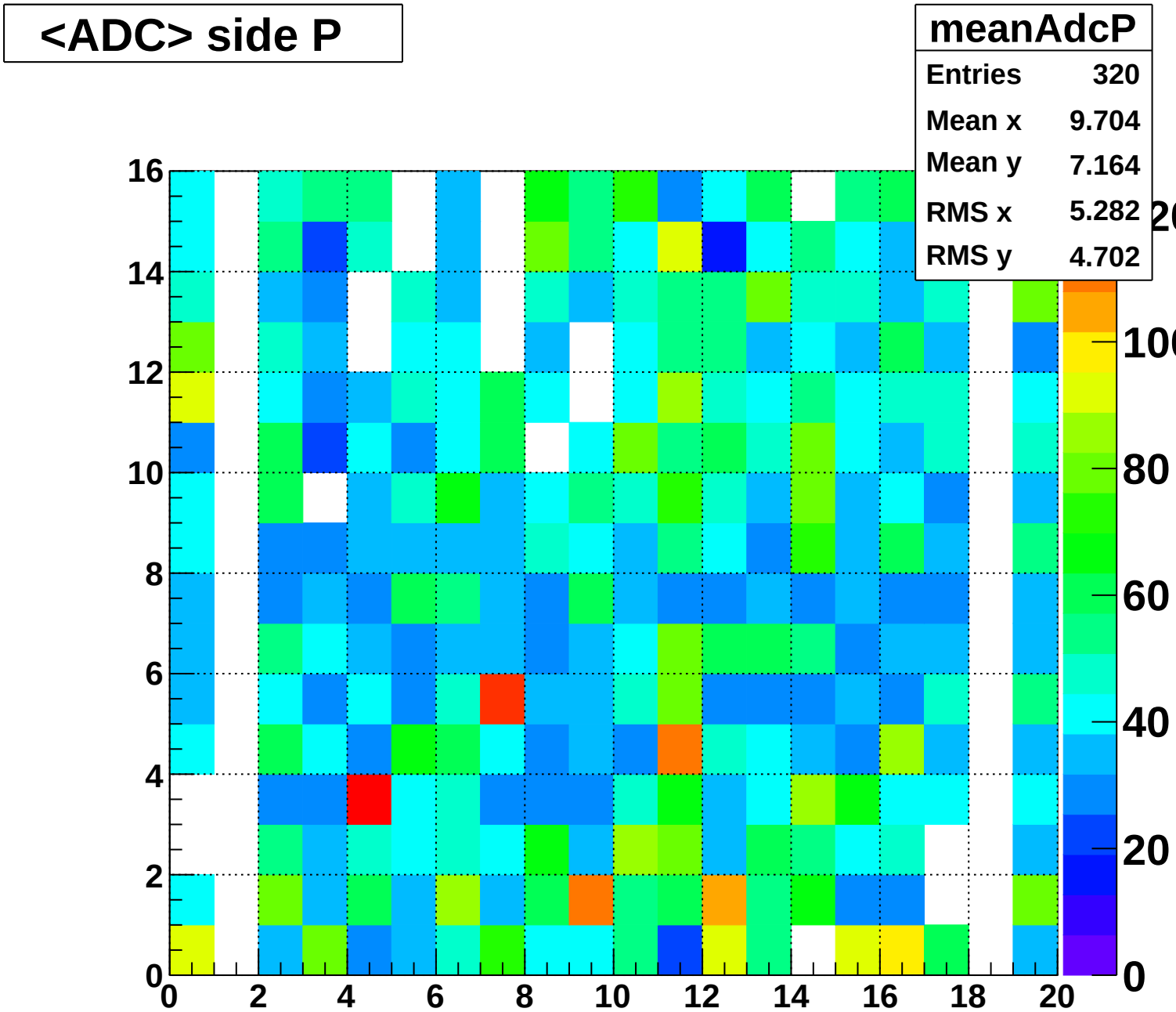

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1544
Mean 1.165
RMS 0.454
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 4
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 4
Mean x 153
Mean y 79.67
RMS x 19.6
RMS y 16.11
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1544
Mean 56.14
RMS 47.73
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 4
Mean 84
RMS 14.79
signal [adc counts]



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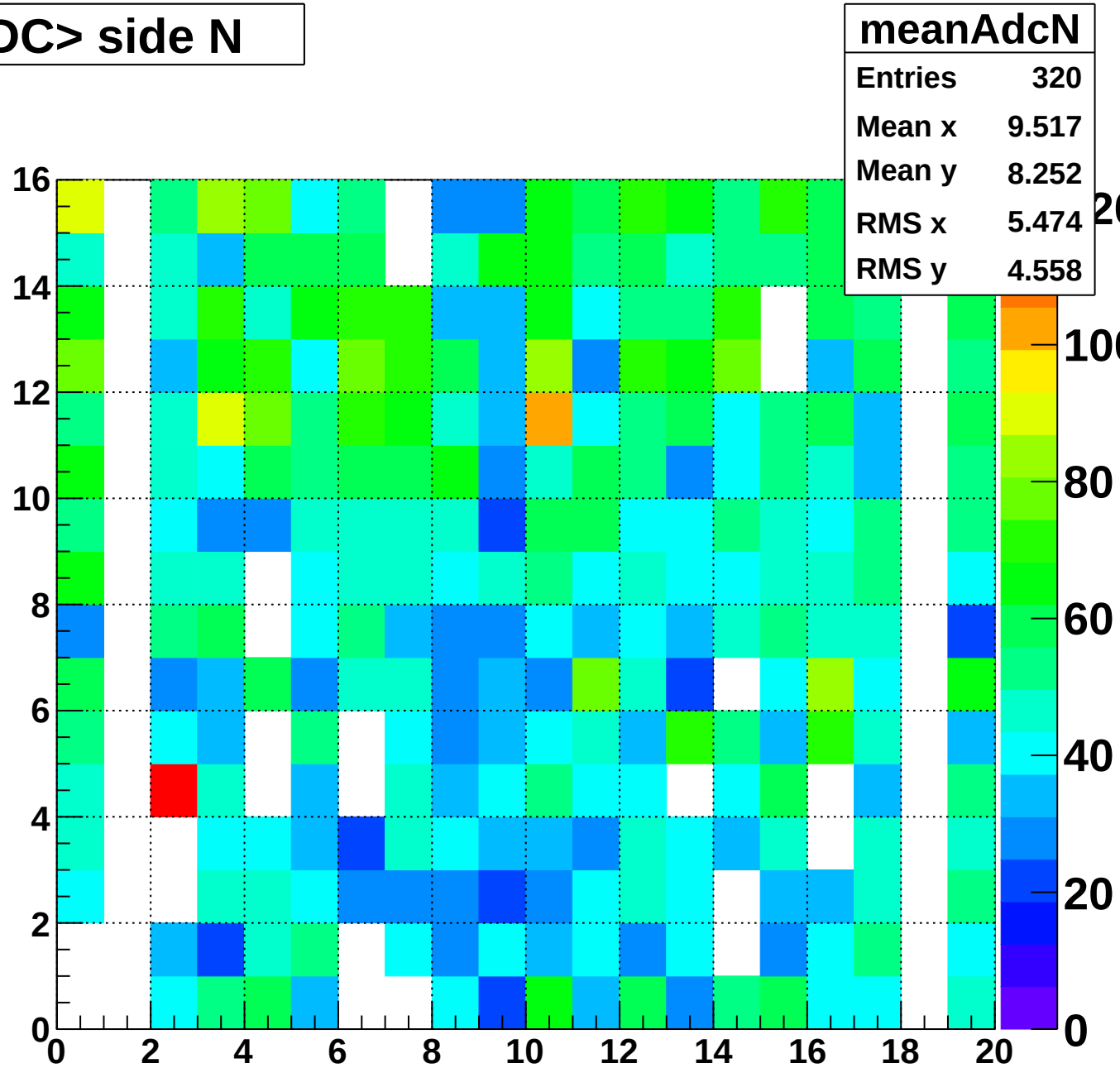
<ADC> side N



2016-05-17 15:09:37