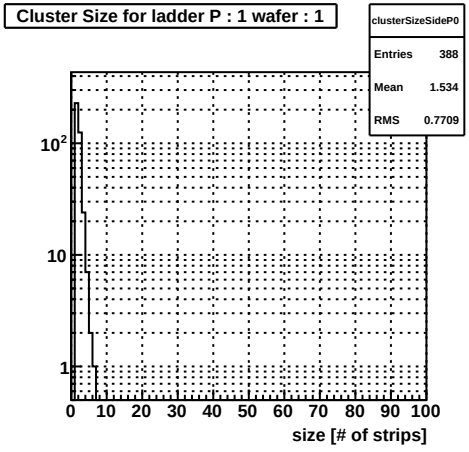
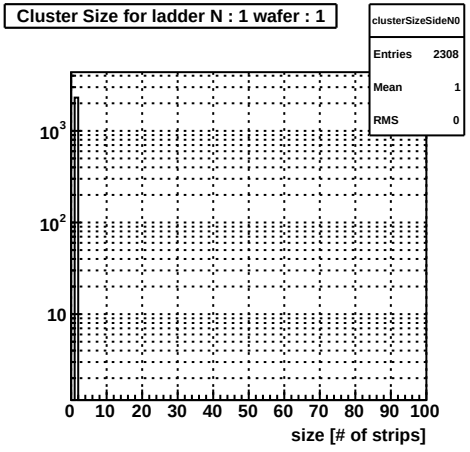
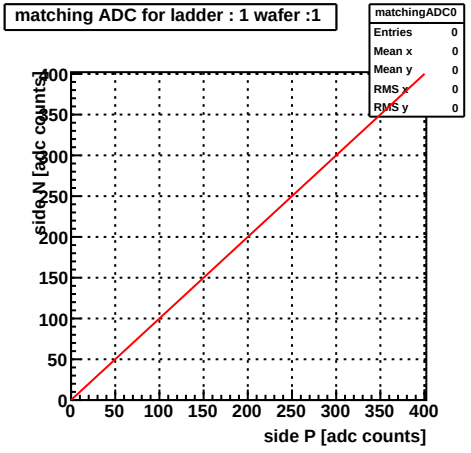
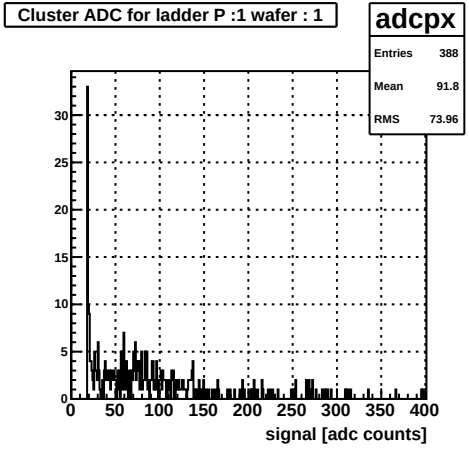
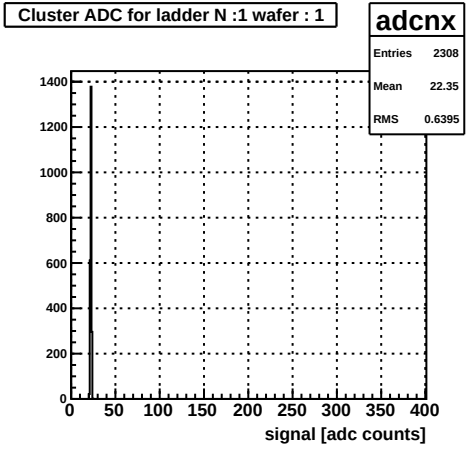
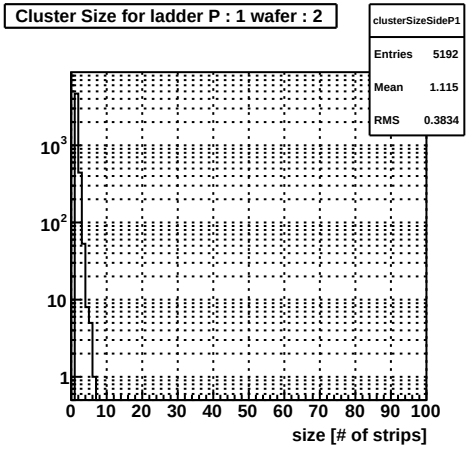

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 388
Mean 1.534
RMS 0.7709
size [# of strips]

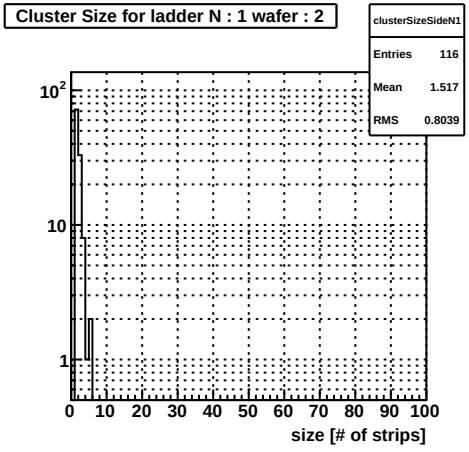

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2308
Mean 1
RMS 0
size [# of strips]

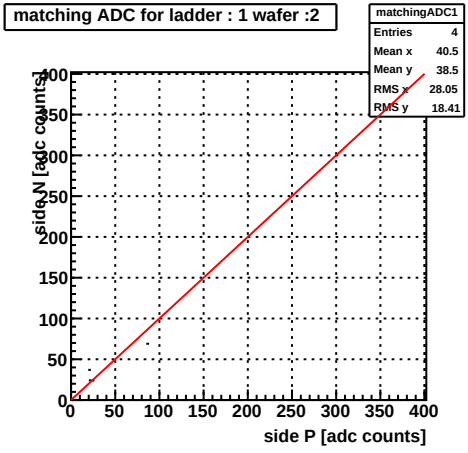

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

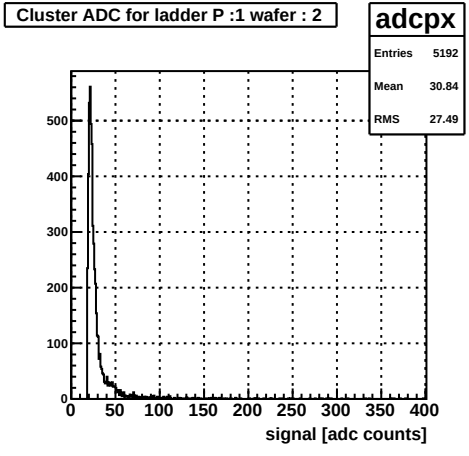

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 388
Mean 91.8
RMS 73.96
signal [adc counts]

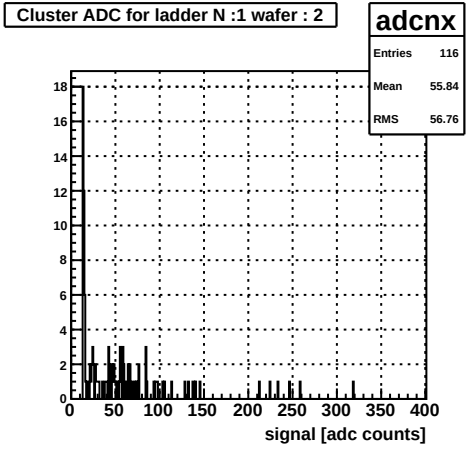

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2308
Mean 22.35
RMS 0.6395
signal [adc counts]

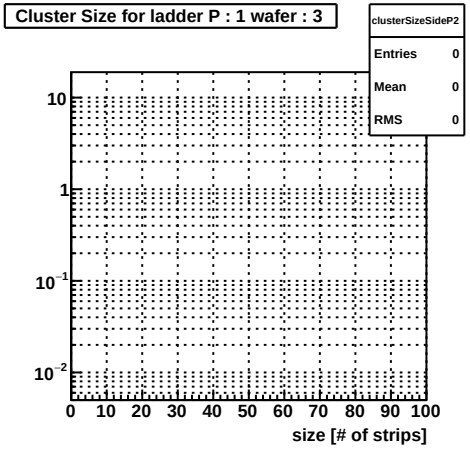

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5192
Mean 1.115
RMS 0.3834
size [# of strips]

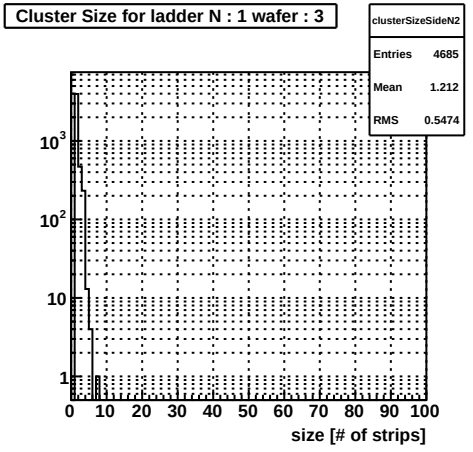

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 116
Mean 1.517
RMS 0.8039
size [# of strips]

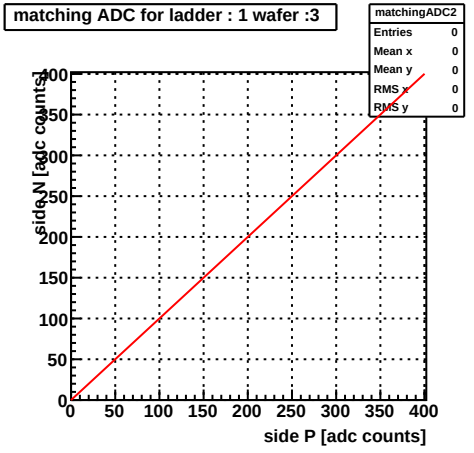

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 40.5
Mean y 38.5
RMS x 28.05
RMS y 18.41
side N [adc counts]
side P [adc counts]

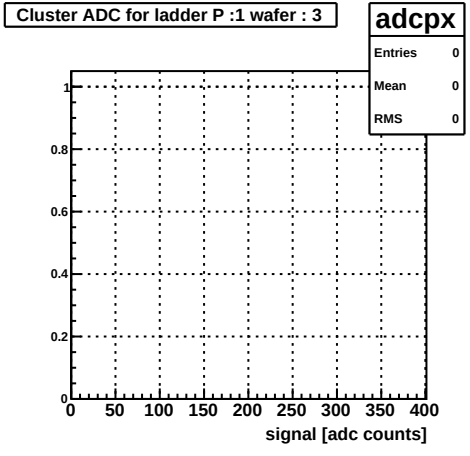

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5192
Mean 30.84
RMS 27.49
signal [adc counts]

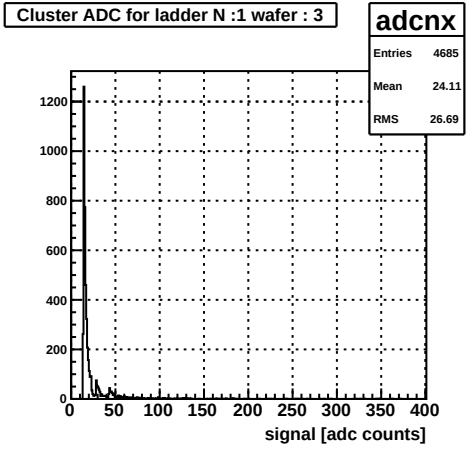

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 116
Mean 55.84
RMS 56.76
signal [adc counts]

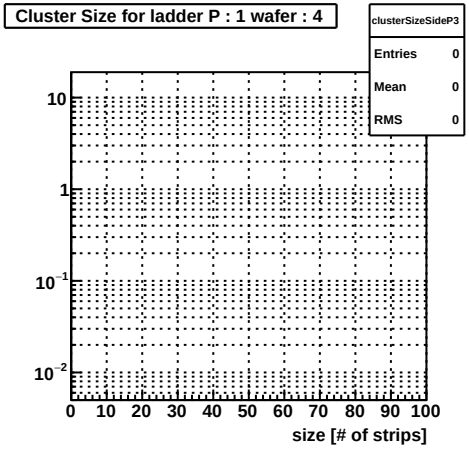

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

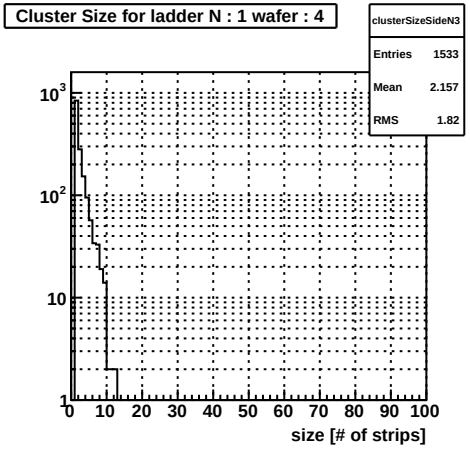

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4685
Mean 1.212
RMS 0.5474
size [# of strips]

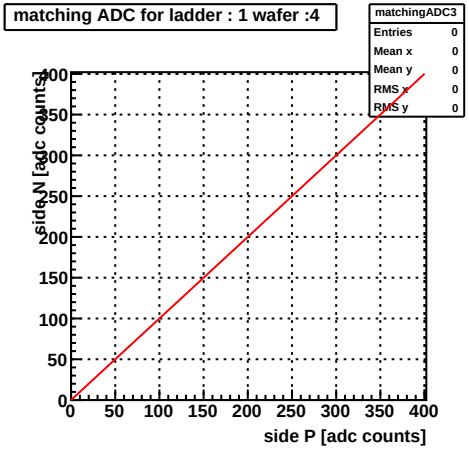

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

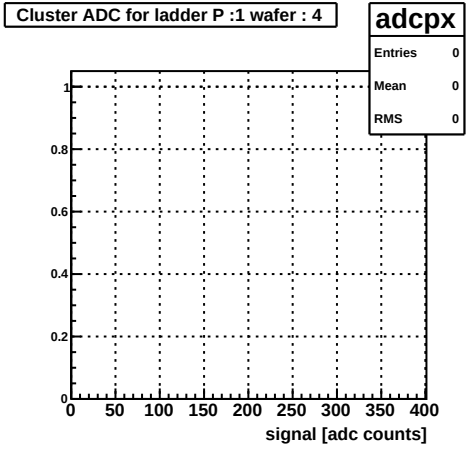

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

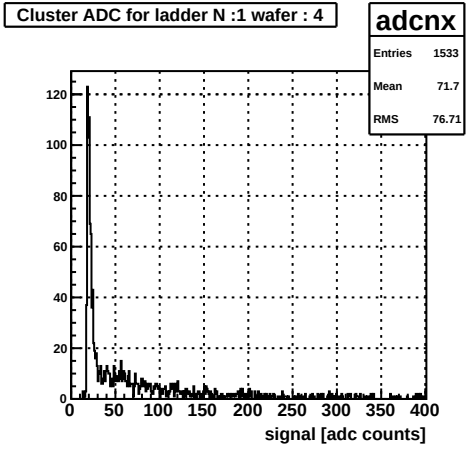

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4685
Mean 24.11
RMS 26.69
signal [adc counts]

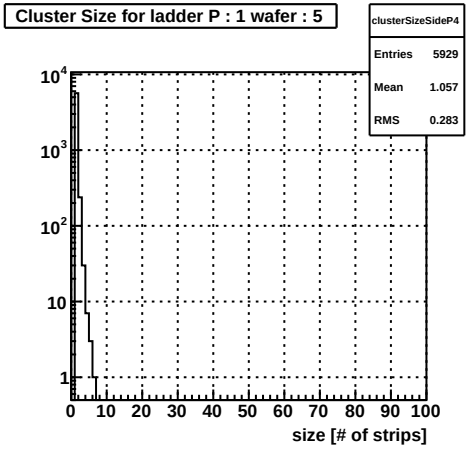

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

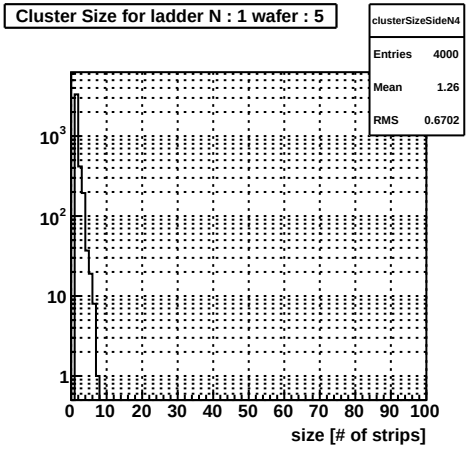

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1533
Mean 2.157
RMS 1.82
size [# of strips]

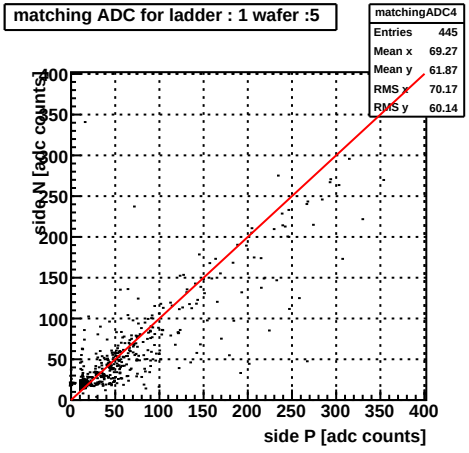

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

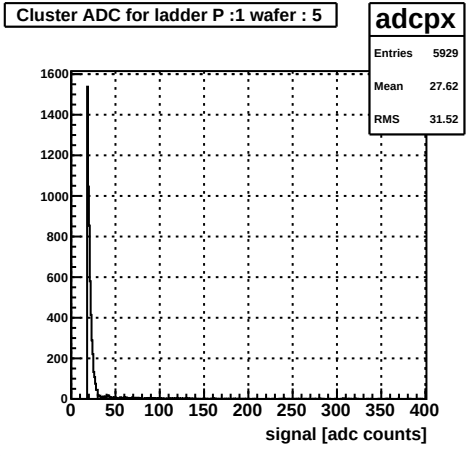

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

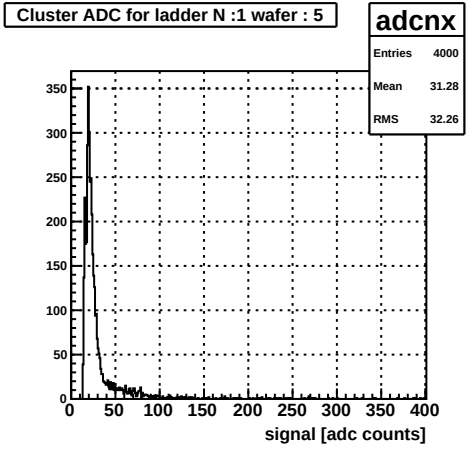

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1533
Mean 71.7
RMS 76.71
signal [adc counts]

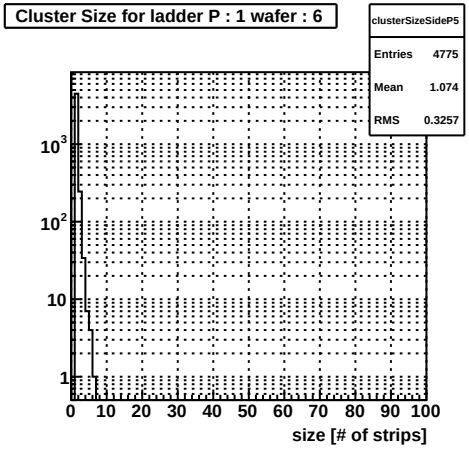

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 5929
Mean 1.057
RMS 0.283
size [# of strips]

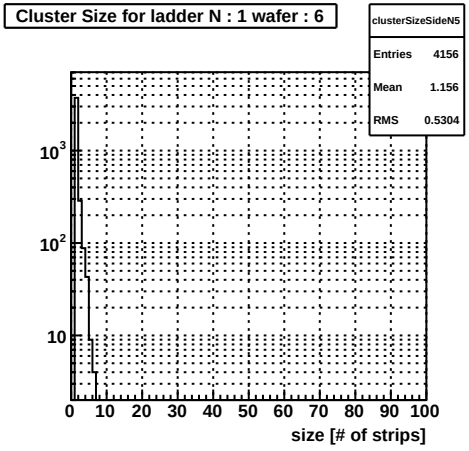

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4000
Mean 1.26
RMS 0.6702
size [# of strips]

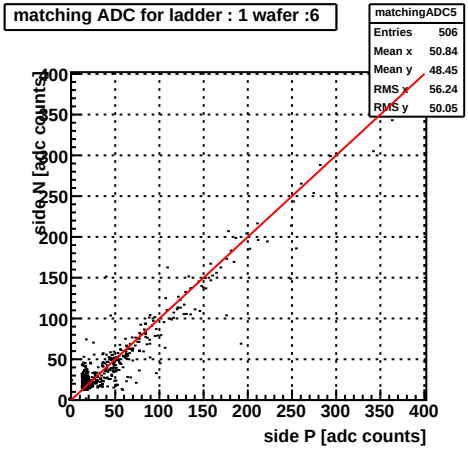

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 445
Mean x 69.27
Mean y 61.87
RMS x 70.17
RMS y 60.14
side N [adc counts]
side P [adc counts]

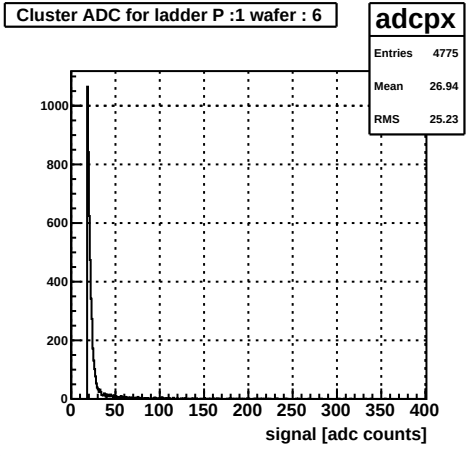

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 5929
Mean 27.62
RMS 31.52
signal [adc counts]

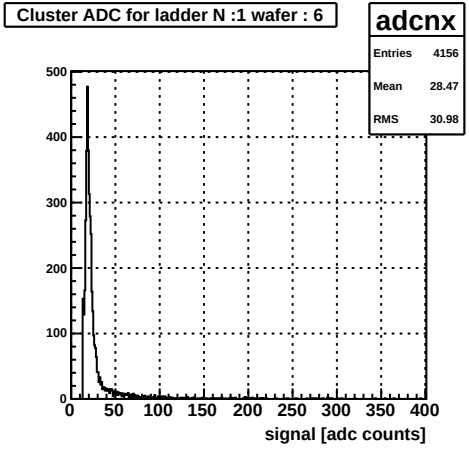

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4000
Mean 31.28
RMS 32.26
signal [adc counts]

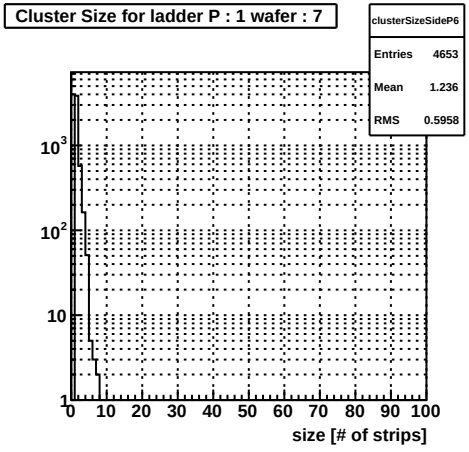

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4775
Mean 1.074
RMS 0.3257
size [# of strips]

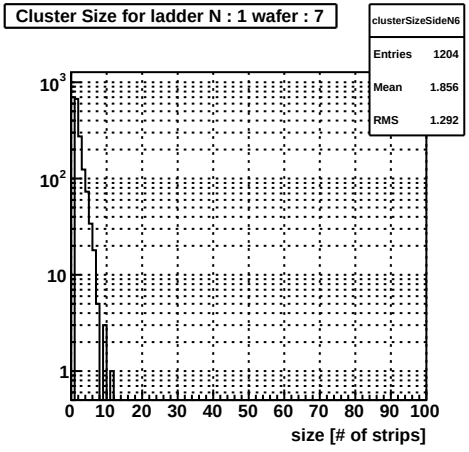

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4156
Mean 1.156
RMS 0.5304
size [# of strips]

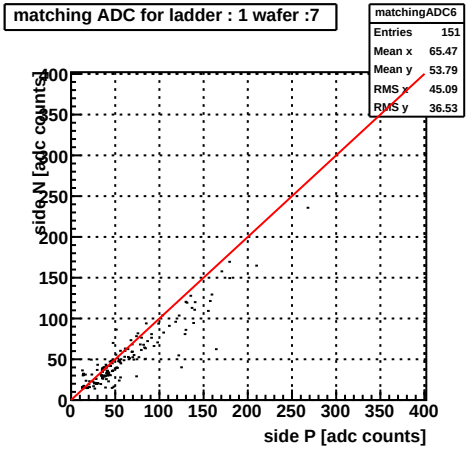

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 506
Mean x 50.84
Mean y 48.45
RMS x 56.24
RMS y 50.05
side N [adc counts]
side P [adc counts]

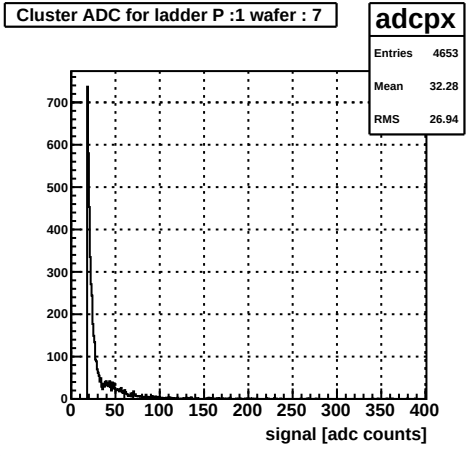

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4775
Mean 26.94
RMS 25.23
signal [adc counts]

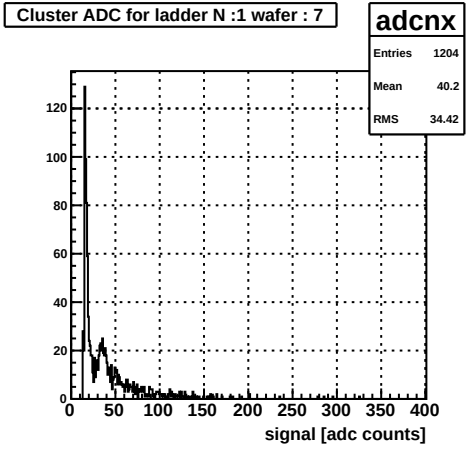

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4156
Mean 28.47
RMS 30.98
signal [adc counts]

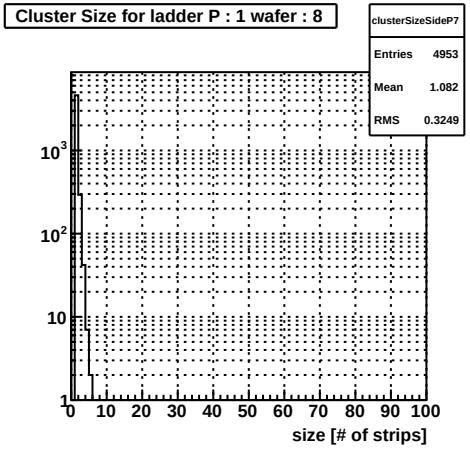

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 4653
Mean 1.236
RMS 0.5958
size [# of strips]

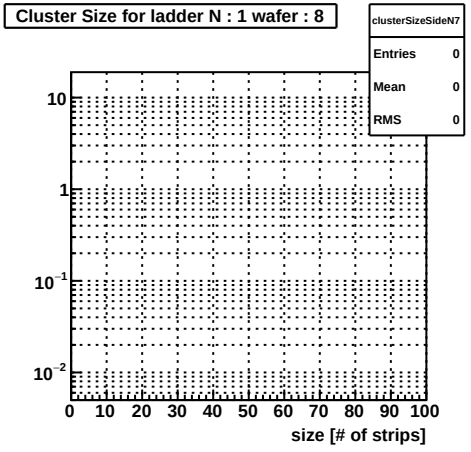

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1204
Mean 1.856
RMS 1.292
size [# of strips]

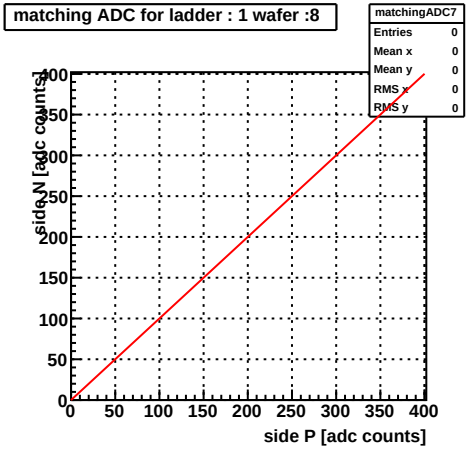

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 151
Mean x 65.47
Mean y 53.79
RMS x 45.09
RMS y 36.53
side N [adc counts]
side P [adc counts]

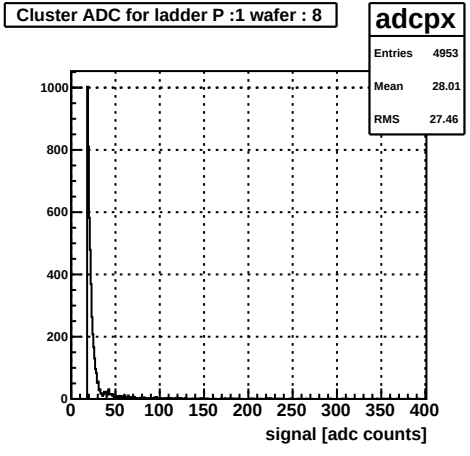

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 4653
Mean 32.28
RMS 26.94
signal [adc counts]

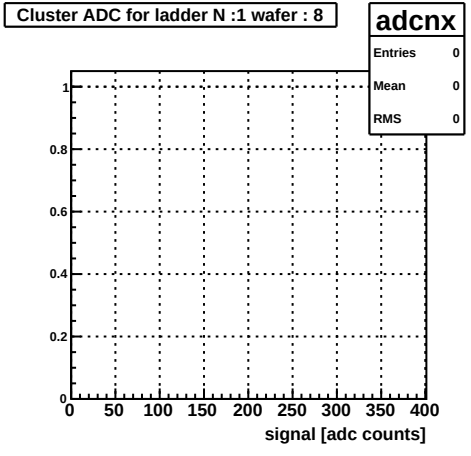

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1204
Mean 40.2
RMS 34.42
signal [adc counts]

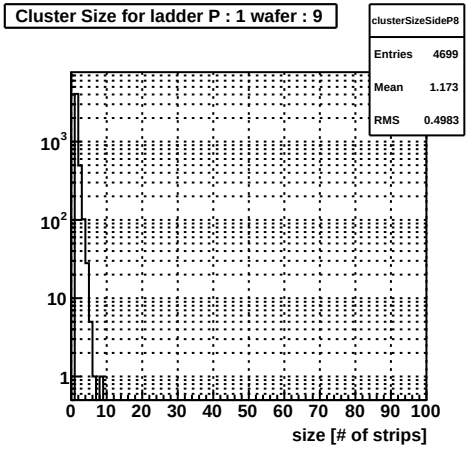

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4953
Mean 1.082
RMS 0.3249
size [# of strips]

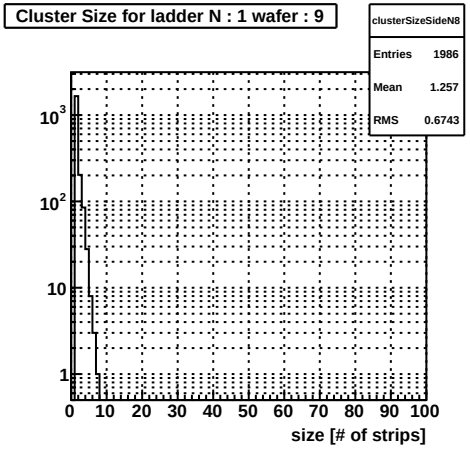

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 0
Mean 0
RMS 0
size [# of strips]

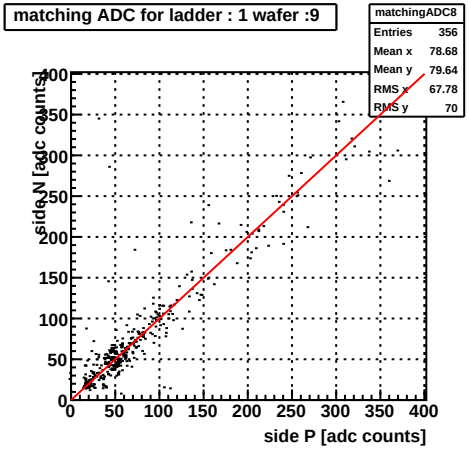

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

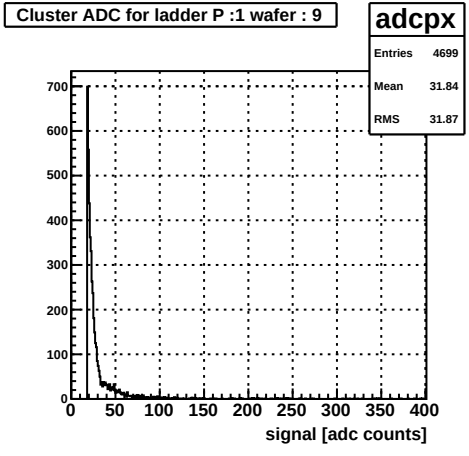

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4953
Mean 28.01
RMS 27.46
signal [adc counts]

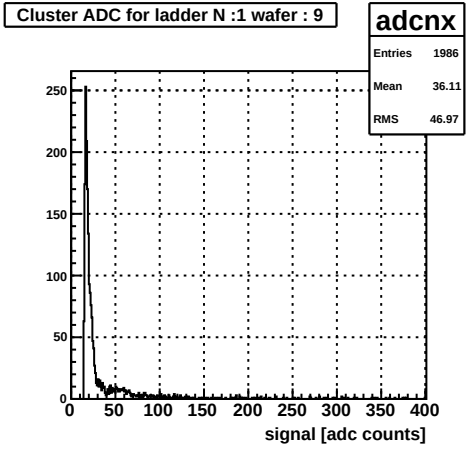

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

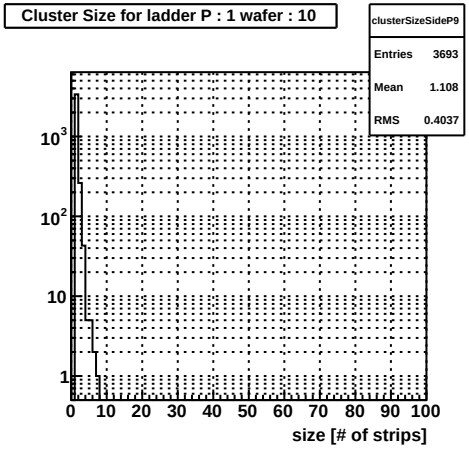

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4699
Mean 1.173
RMS 0.4983
size [# of strips]

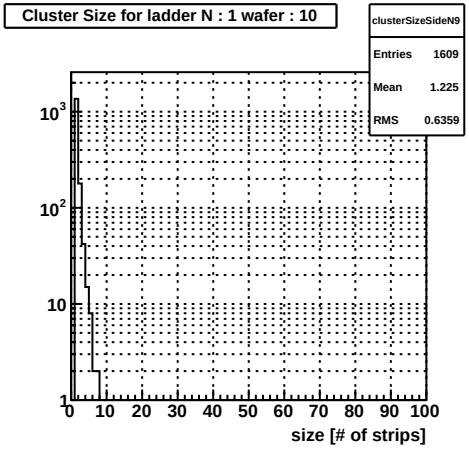

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1986
Mean 1.257
RMS 0.6743
size [# of strips]

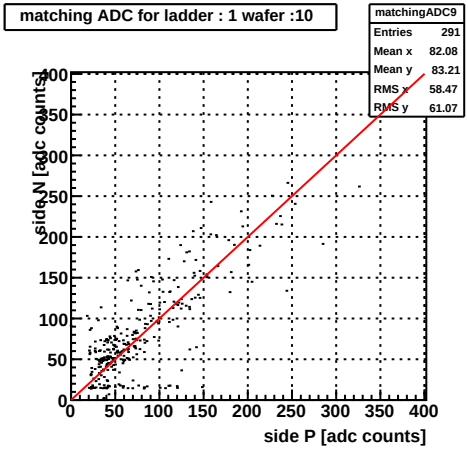

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 356
Mean x 78.68
Mean y 79.64
RMS x 67.78
RMS y 70
side N [adc counts]
side P [adc counts]

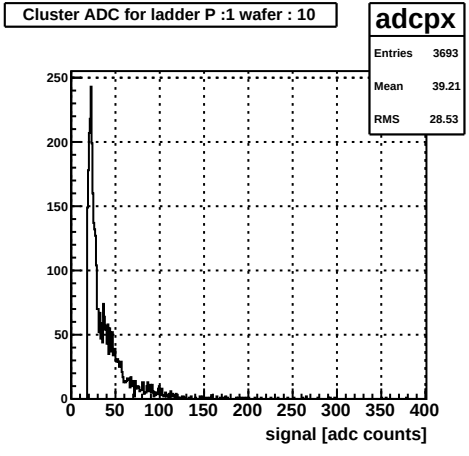

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4699
Mean 31.84
RMS 31.87
signal [adc counts]

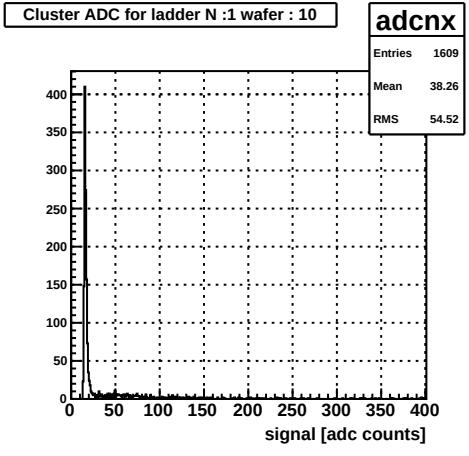

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1986
Mean 36.11
RMS 46.97
signal [adc counts]

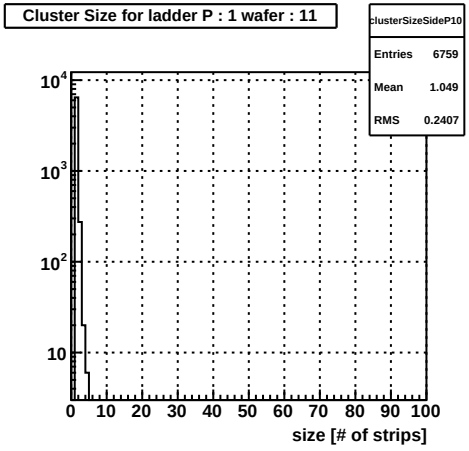

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3693
Mean 1.108
RMS 0.4037
size [# of strips]

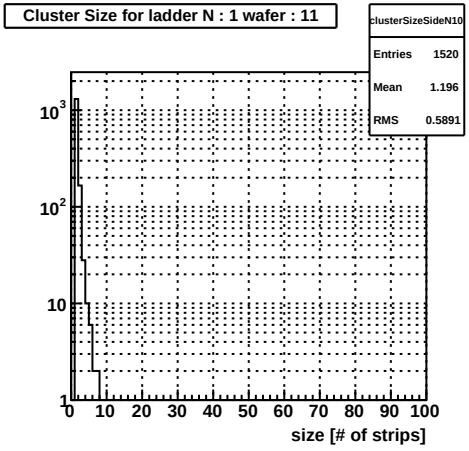

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1609
Mean 1.225
RMS 0.6359
size [# of strips]

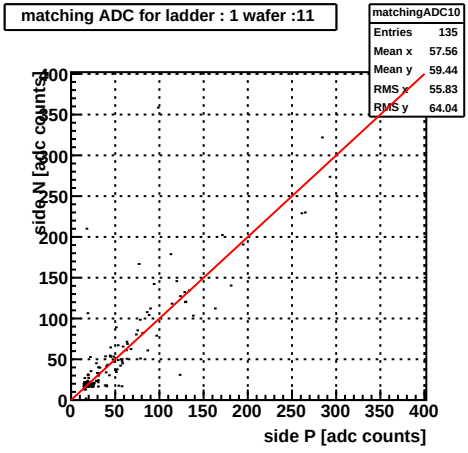

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 291
Mean x 82.08
Mean y 83.21
RMS x 58.47
RMS y 61.07
side N [adc counts]
side P [adc counts]

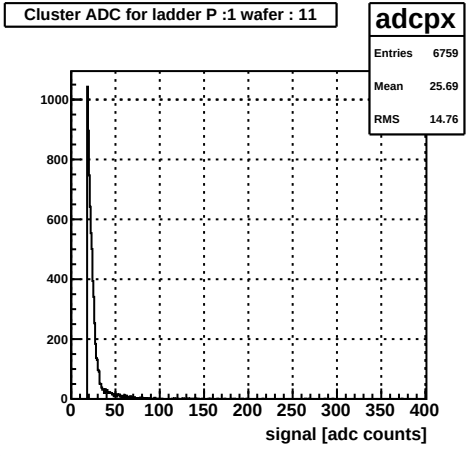

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3693
Mean 39.21
RMS 28.53
signal [adc counts]

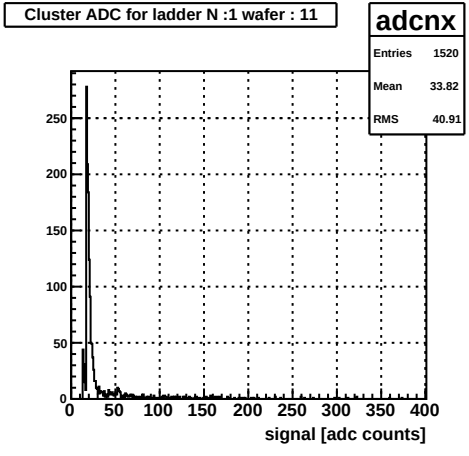

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1609
Mean 38.26
RMS 54.52
signal [adc counts]

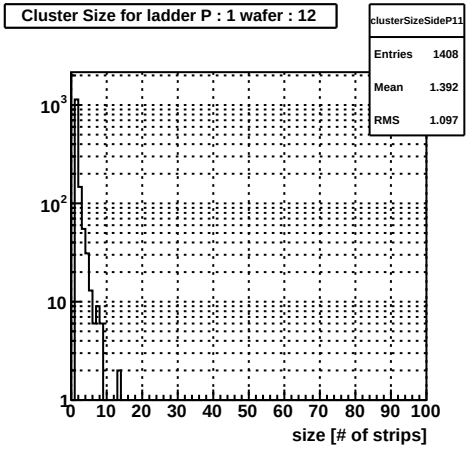

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6759
Mean 1.049
RMS 0.2407
size [# of strips]

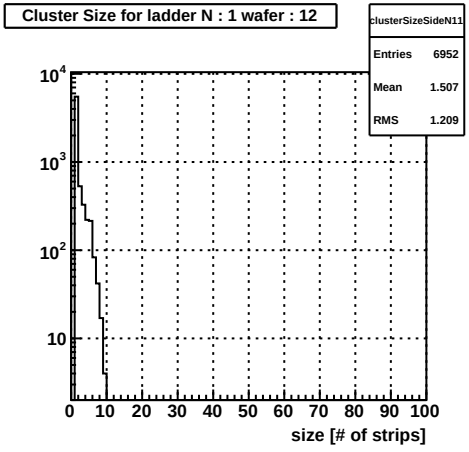

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1520
Mean 1.196
RMS 0.5891
size [# of strips]

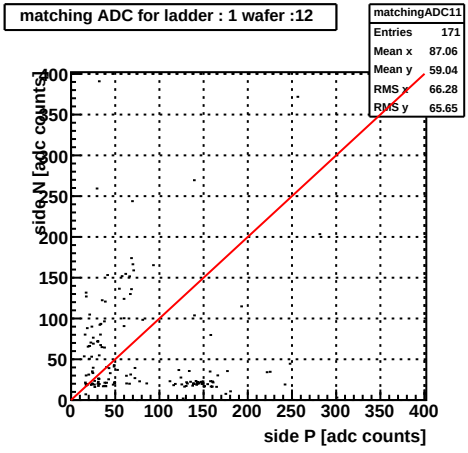

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 135
Mean x 57.56
Mean y 59.44
RMS x 55.83
RMS y 64.04
side N [adc counts]
side P [adc counts]

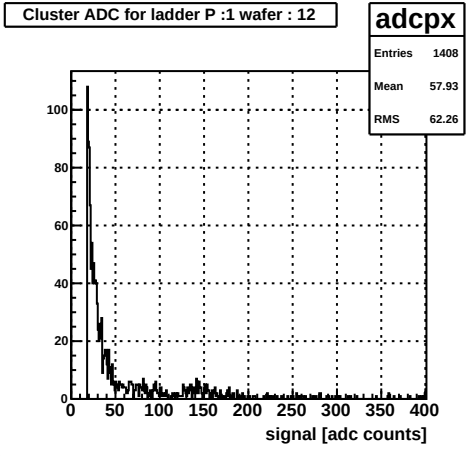

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6759
Mean 25.69
RMS 14.76
signal [adc counts]

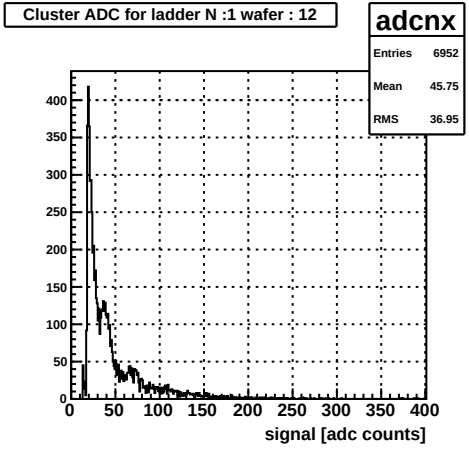

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1520
Mean 33.82
RMS 40.91
signal [adc counts]

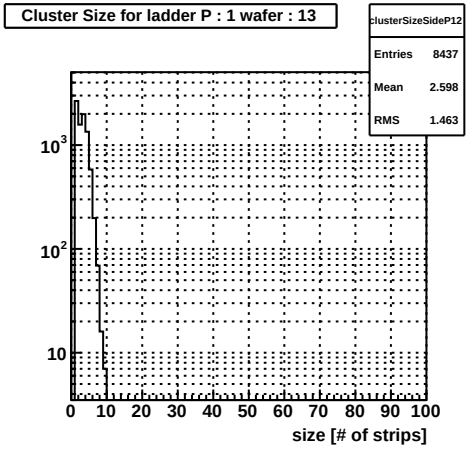

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1408
Mean 1.392
RMS 1.097
size [# of strips]

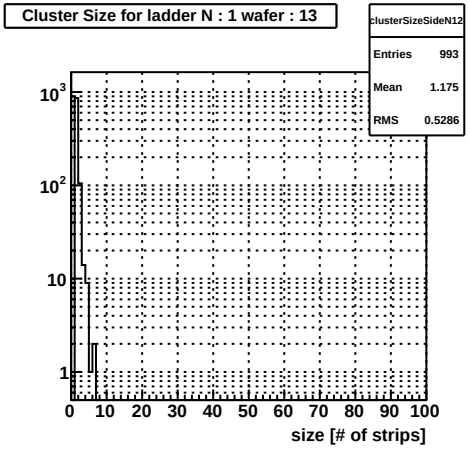

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6952
Mean 1.507
RMS 1.209
size [# of strips]

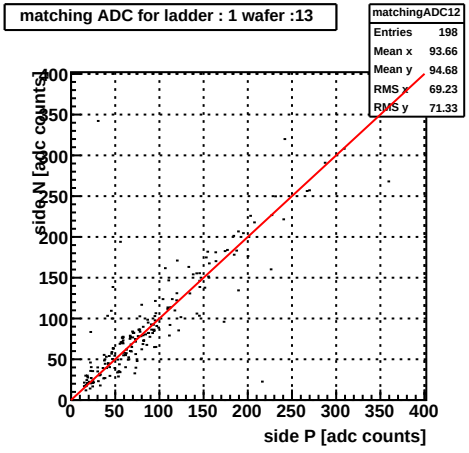

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 171
Mean x 87.06
Mean y 59.04
RMS x 66.28
RMS y 65.65
side N [adc counts]
side P [adc counts]

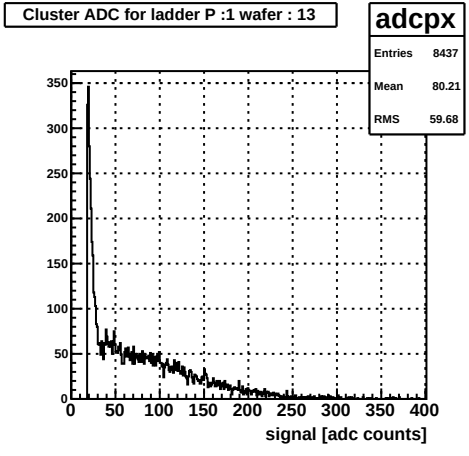

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1408
Mean 57.93
RMS 62.26
signal [adc counts]

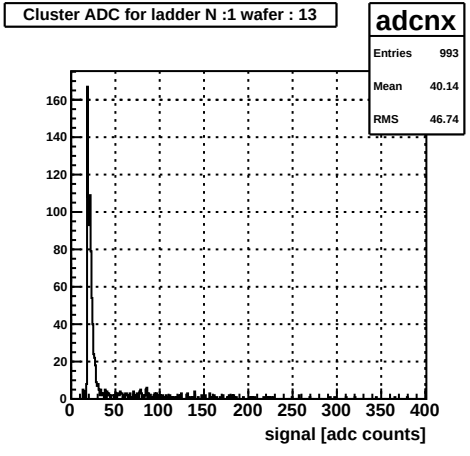

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6952
Mean 45.75
RMS 36.95
signal [adc counts]

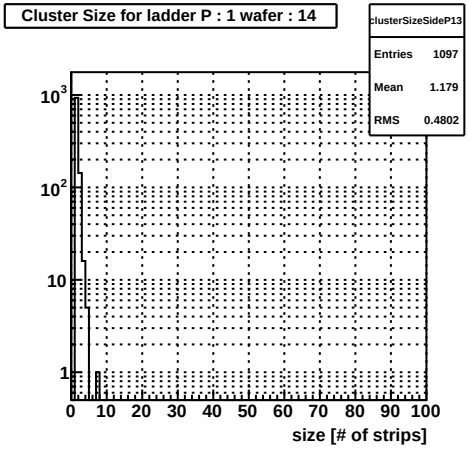

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 8437
Mean 2.598
RMS 1.463
size [# of strips]

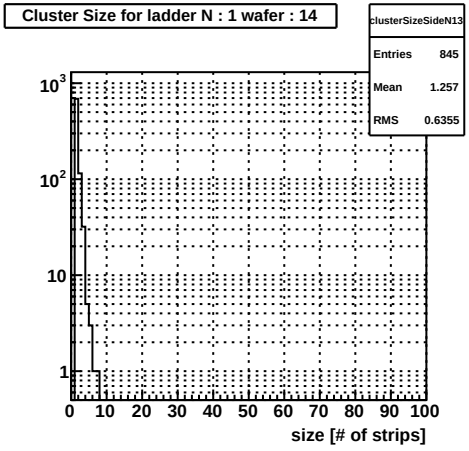

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 993
Mean 1.175
RMS 0.5286
size [# of strips]

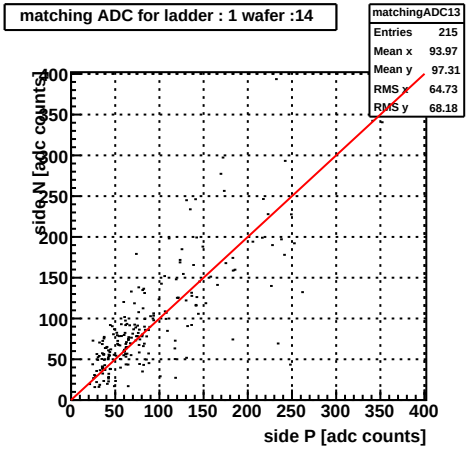

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 198
Mean x 93.66
Mean y 94.68
RMS x 69.23
RMS y 71.33
side N [adc counts]
side P [adc counts]

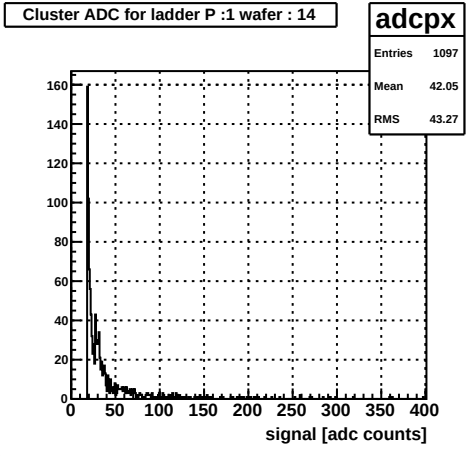

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 8437
Mean 80.21
RMS 59.68
signal [adc counts]

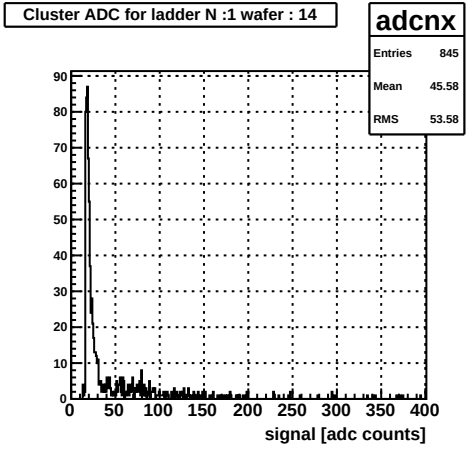

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 993
Mean 40.14
RMS 46.74
signal [adc counts]

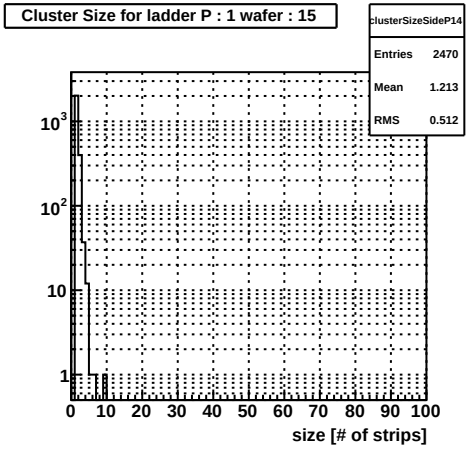

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1097
Mean 1.179
RMS 0.4802
size [# of strips]

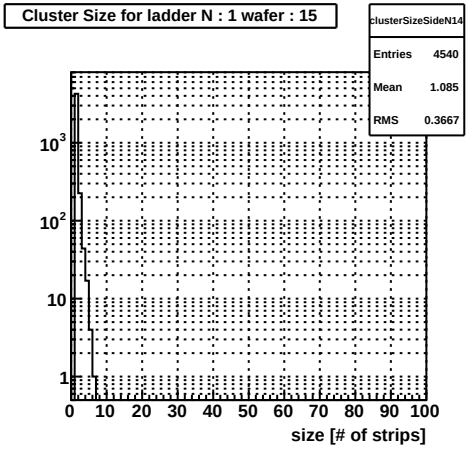

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 845
Mean 1.257
RMS 0.6355
size [# of strips]

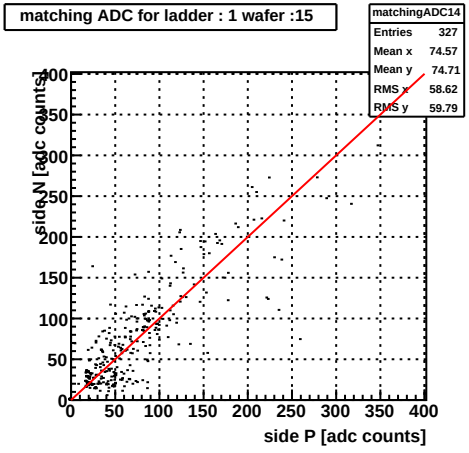

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 215
Mean x 93.97
Mean y 97.31
RMS x 64.73
RMS y 68.18
side N [adc counts]
side P [adc counts]

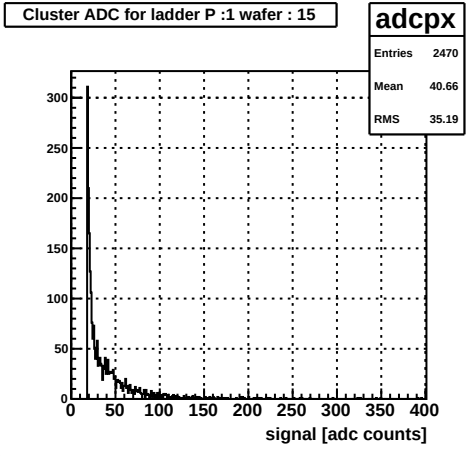

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1097
Mean 42.05
RMS 43.27
signal [adc counts]

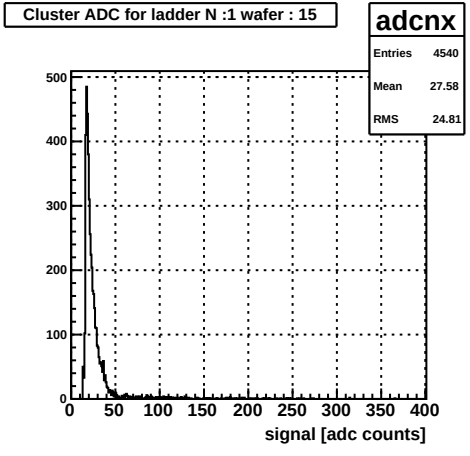

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 845
Mean 45.58
RMS 53.58
signal [adc counts]

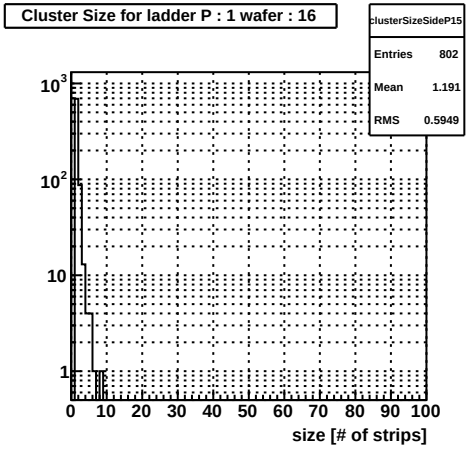

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2470
Mean 1.213
RMS 0.512
size [# of strips]

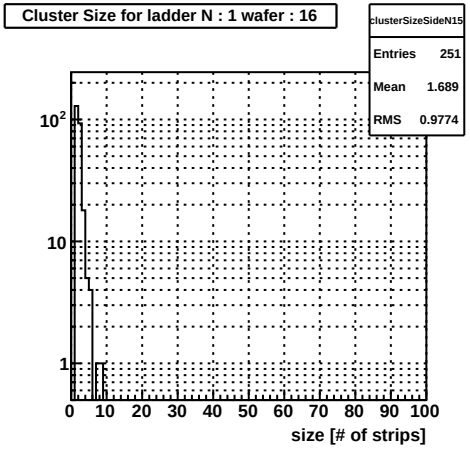

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4540
Mean 1.085
RMS 0.3667
size [# of strips]

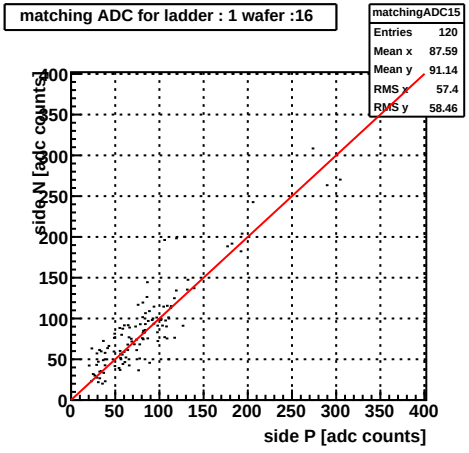

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 327
Mean x 74.57
Mean y 74.71
RMS x 58.62
RMS y 59.79
side N [adc counts]
side P [adc counts]

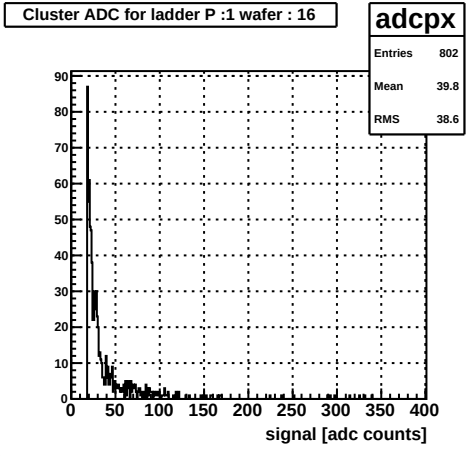

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2470
Mean 40.66
RMS 35.19
signal [adc counts]

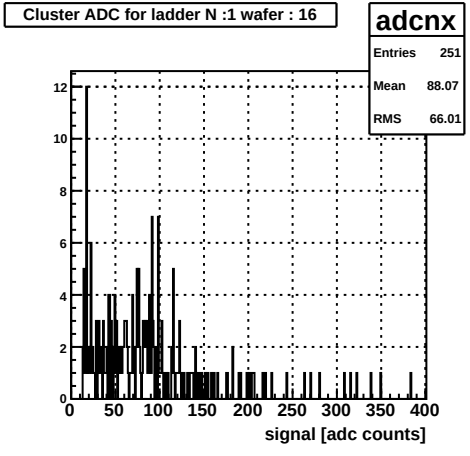

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4540
Mean 27.58
RMS 24.81
signal [adc counts]

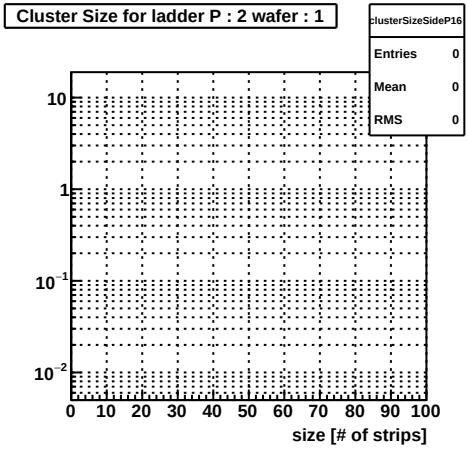

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 802
Mean 1.191
RMS 0.5949
size [# of strips]

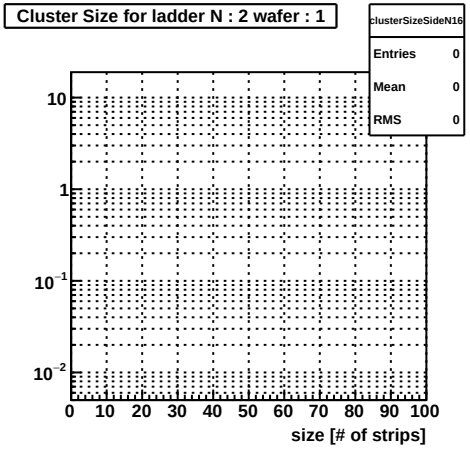

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 251
Mean 1.689
RMS 0.9774
size [# of strips]

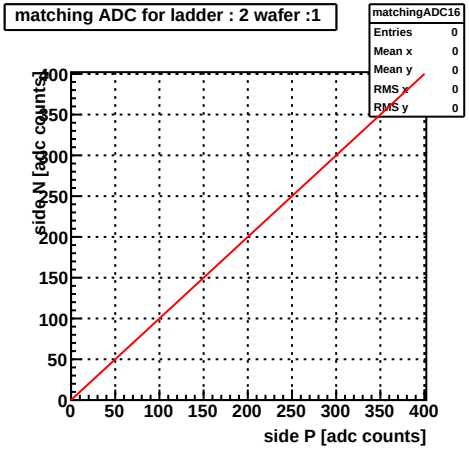

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 120
Mean x 87.59
Mean y 91.14
RMS x 57.4
RMS y 58.46
side N [adc counts]
side P [adc counts]

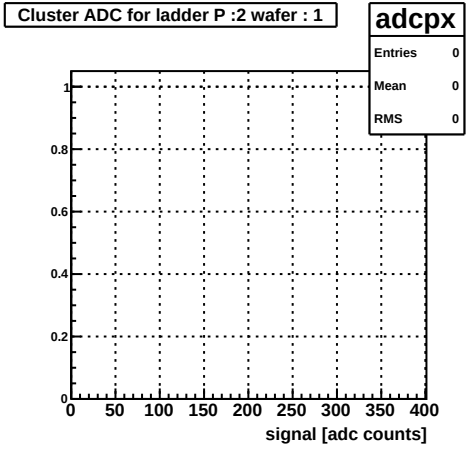

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 802
Mean 39.8
RMS 38.6
signal [adc counts]

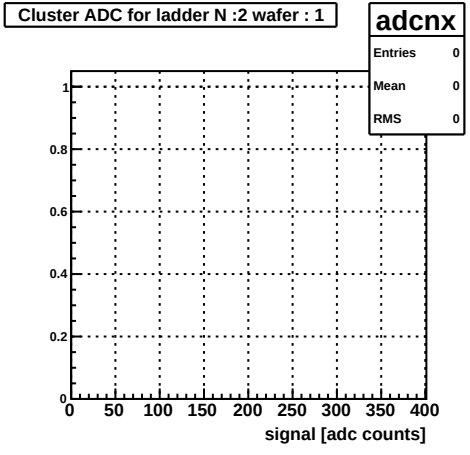

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 251
Mean 88.07
RMS 66.01
signal [adc counts]

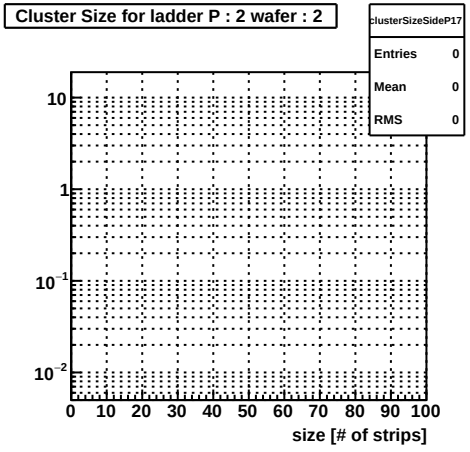

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

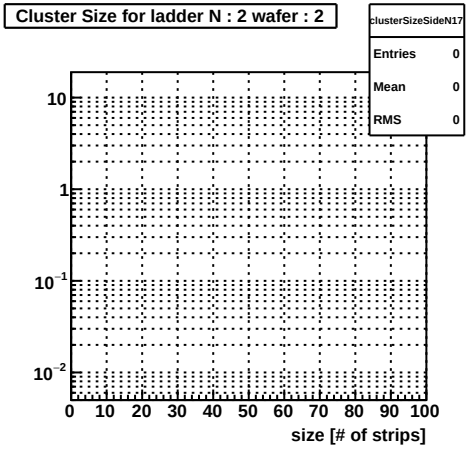

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

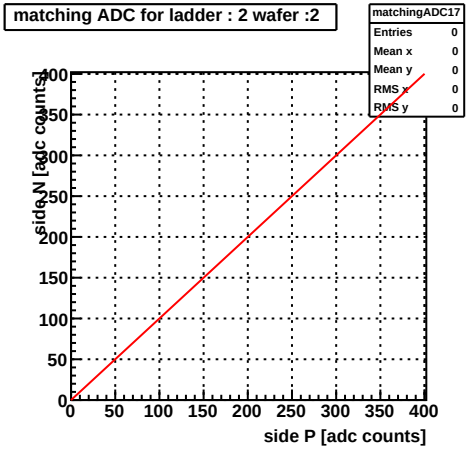

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

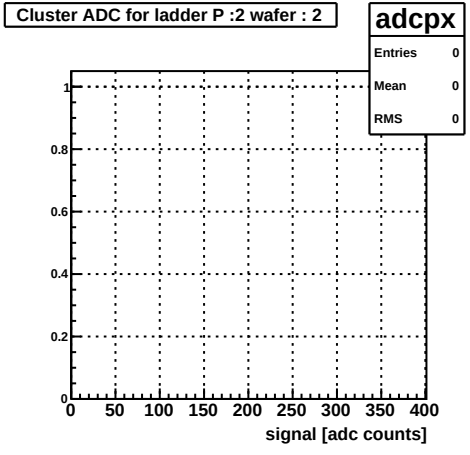

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

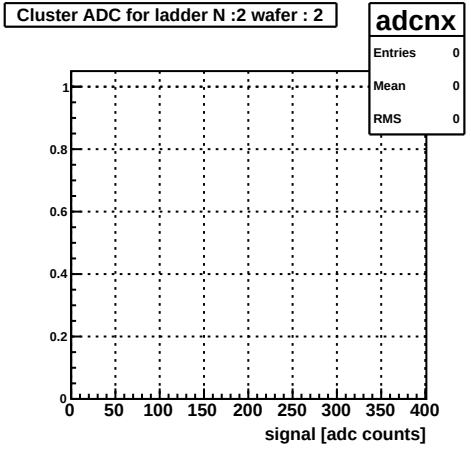

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

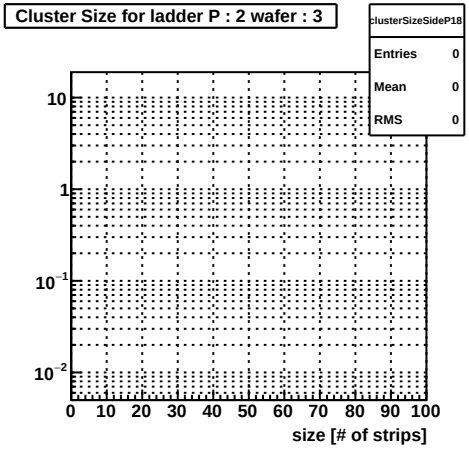

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

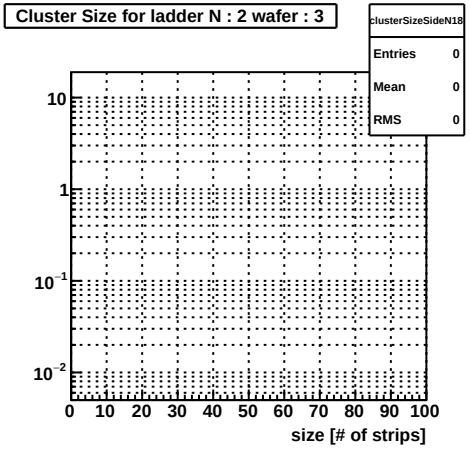

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

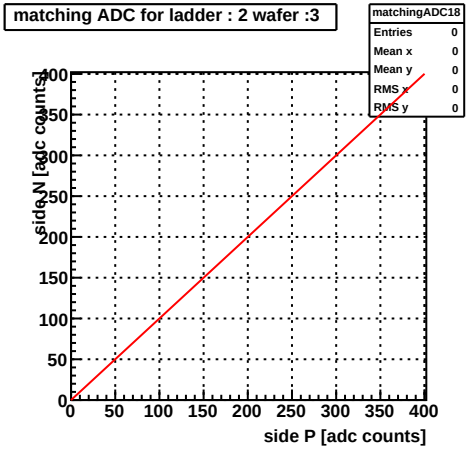

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

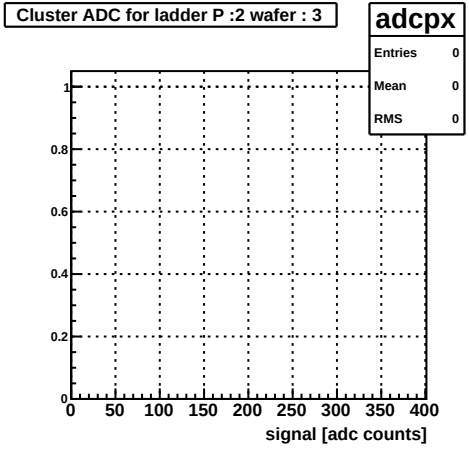

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

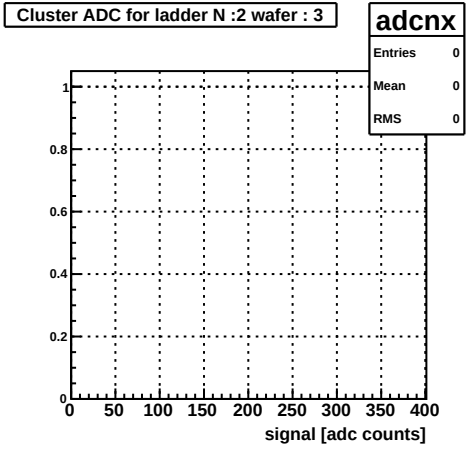

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

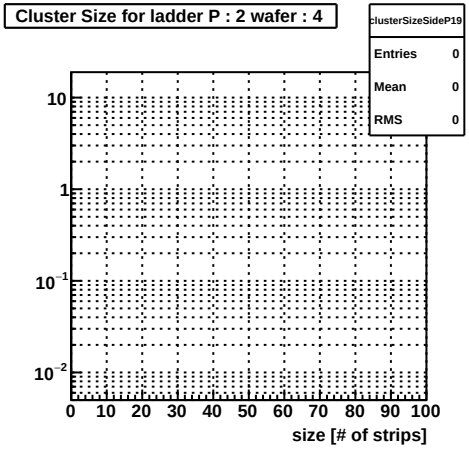

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

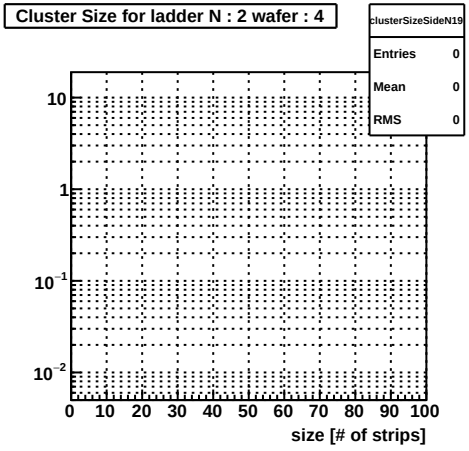

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

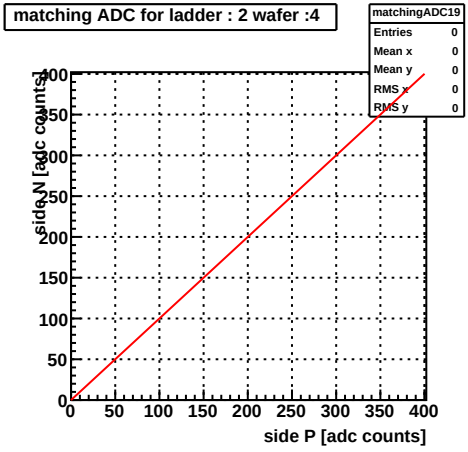

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

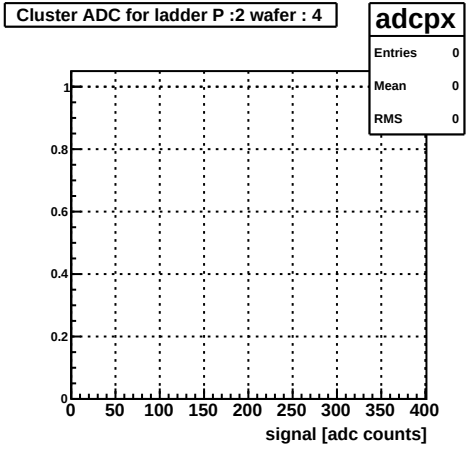

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

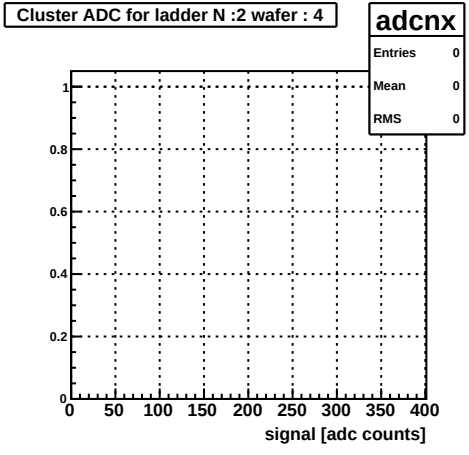

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

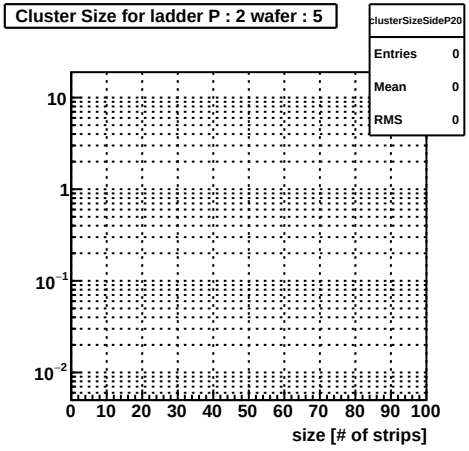

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

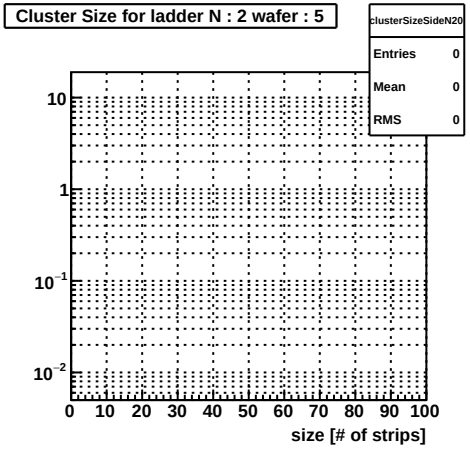

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

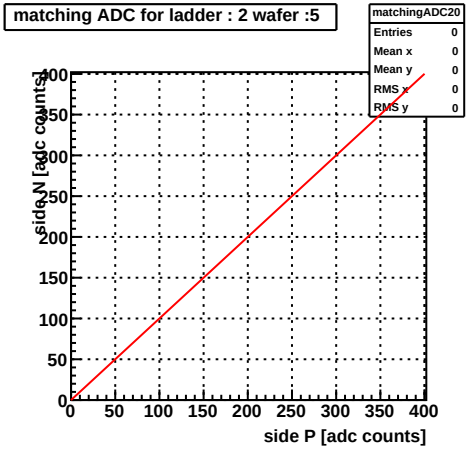

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

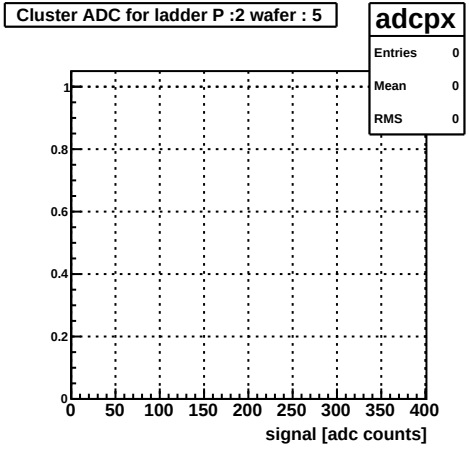

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

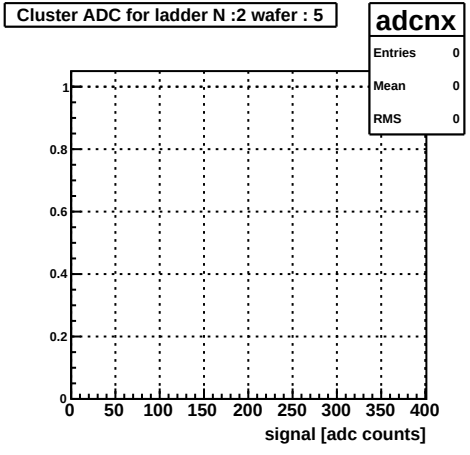

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

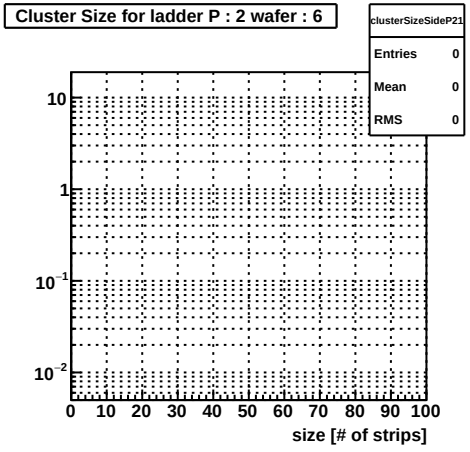

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

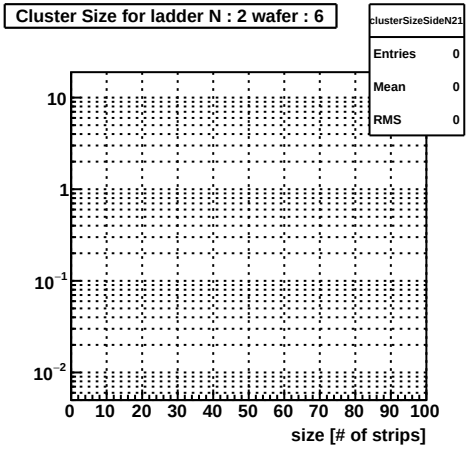

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

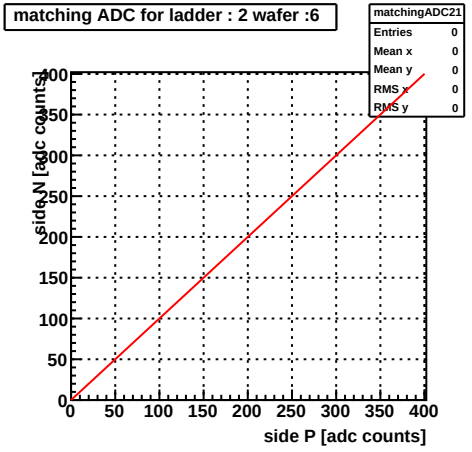

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

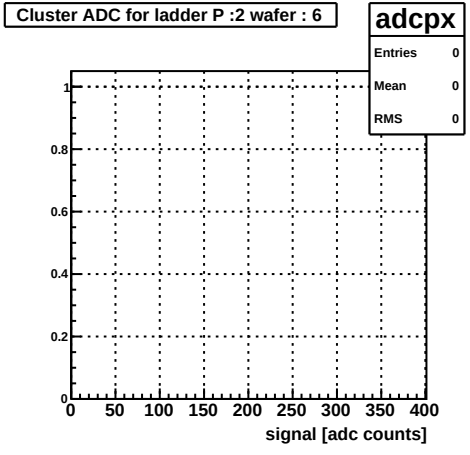

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

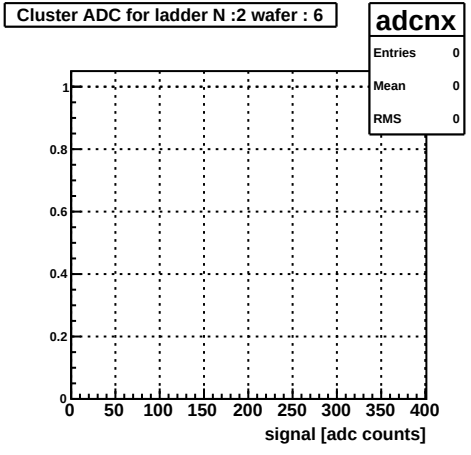

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

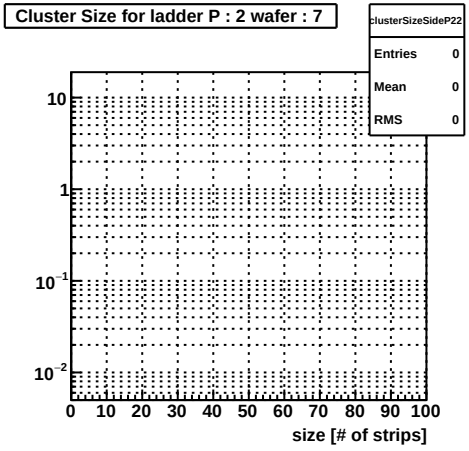

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

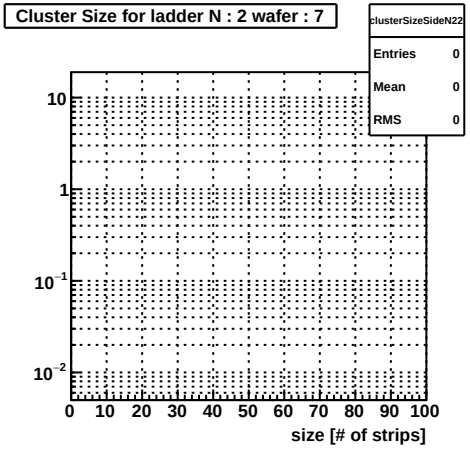

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

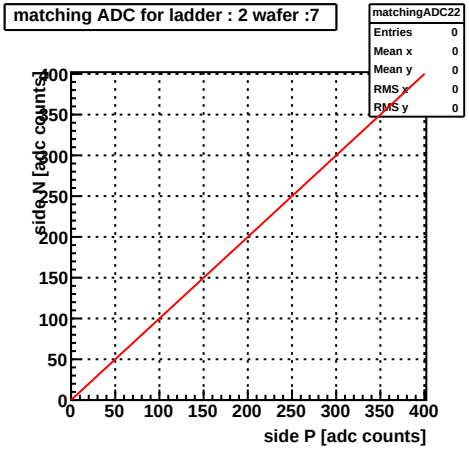

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

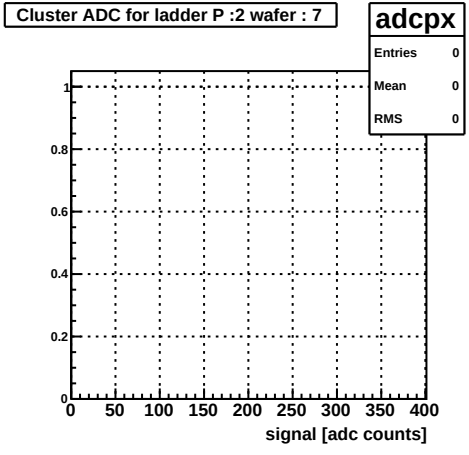

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

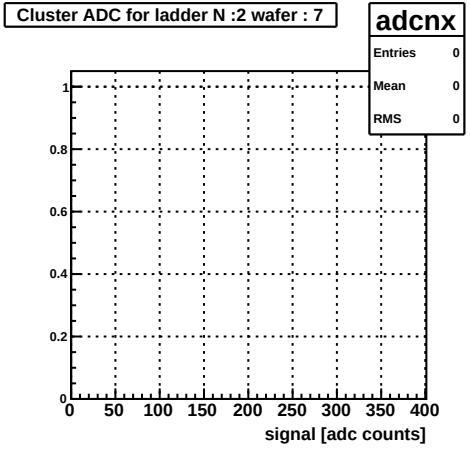

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

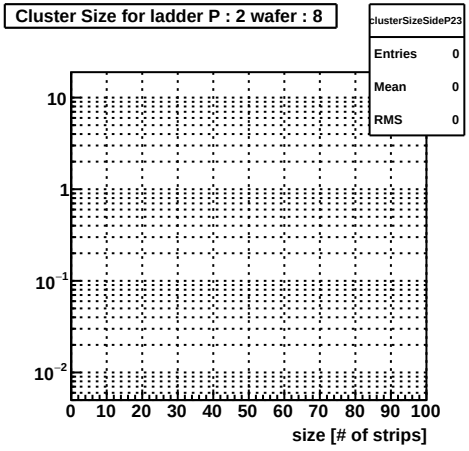

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

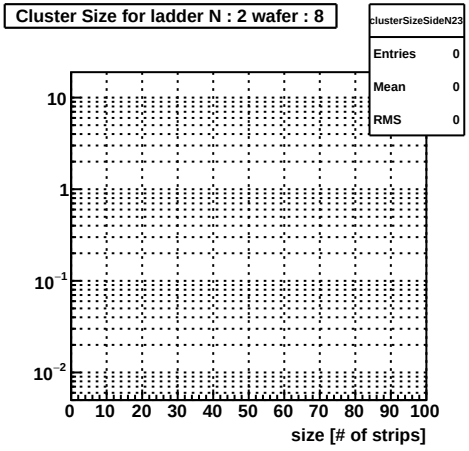

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

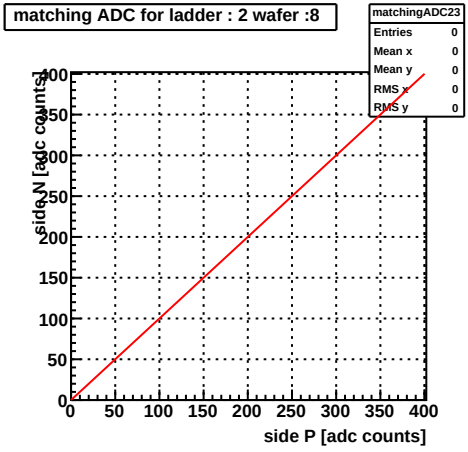

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

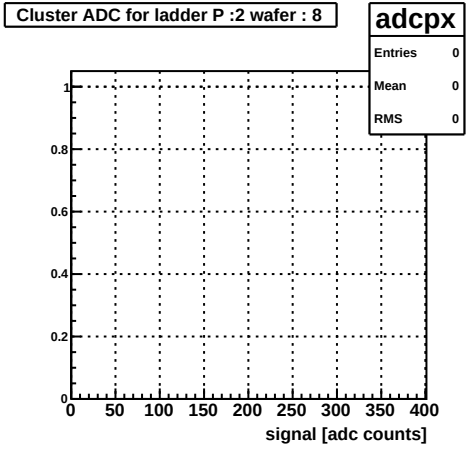

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

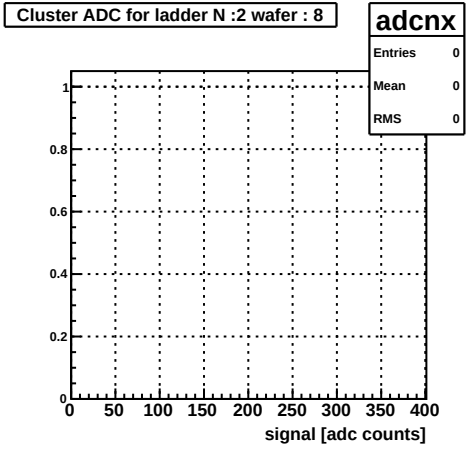

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

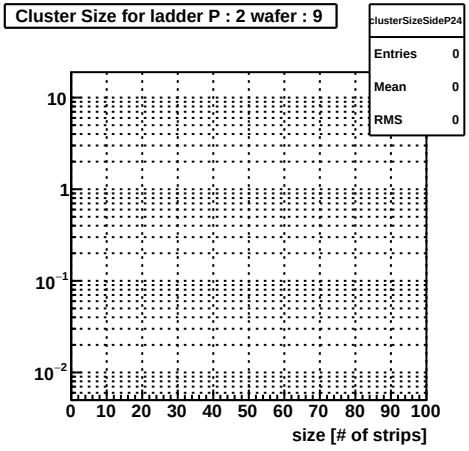

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

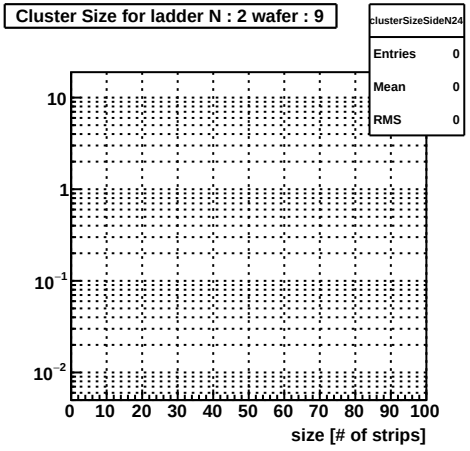

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

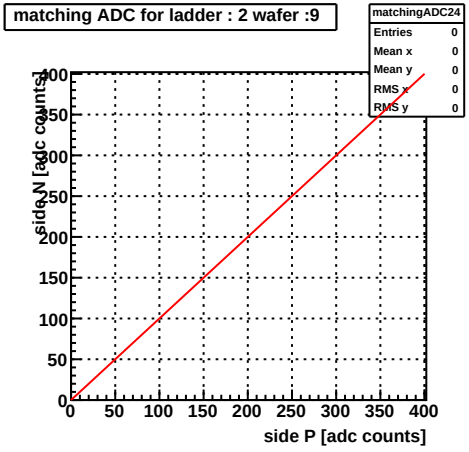

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

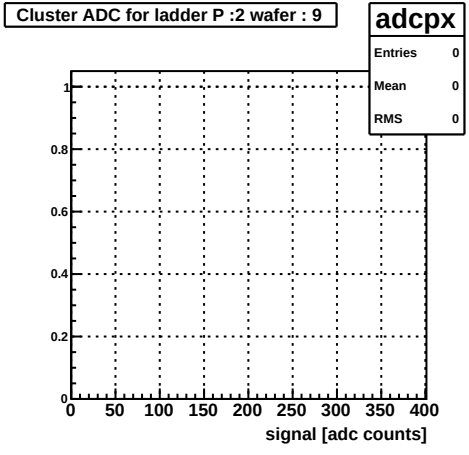

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

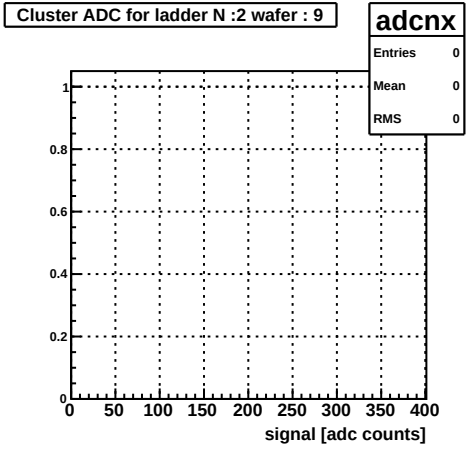

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

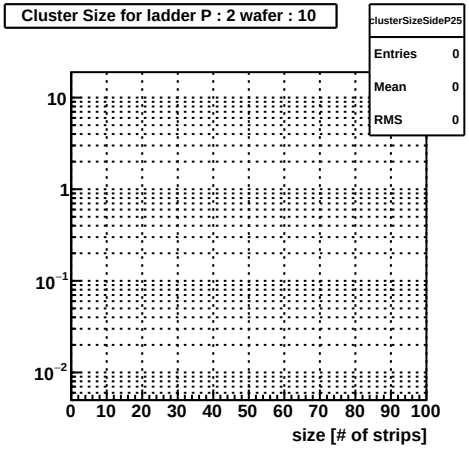

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

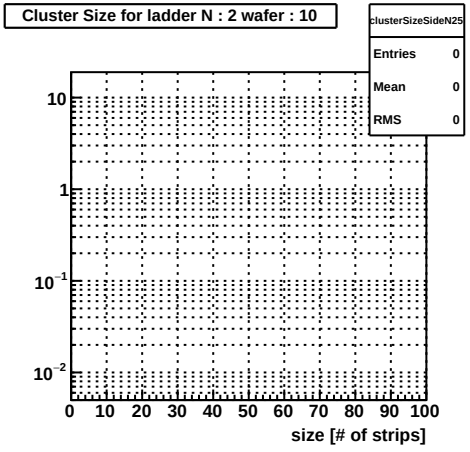

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

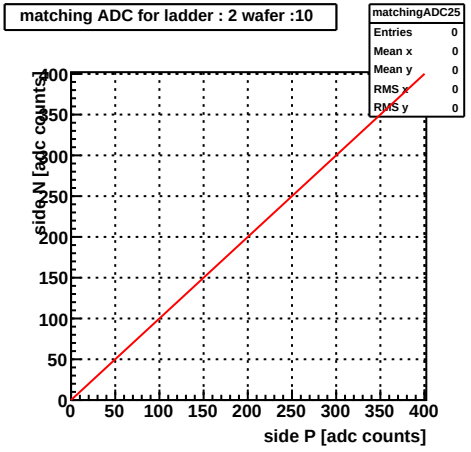

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

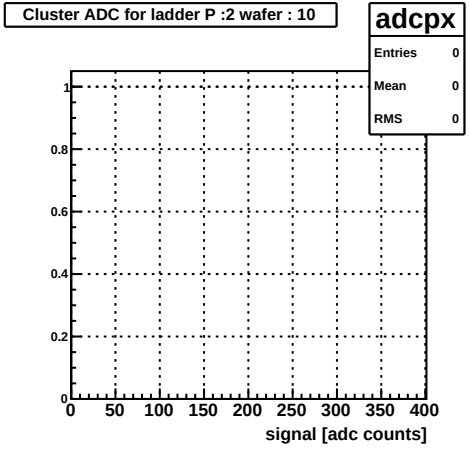

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

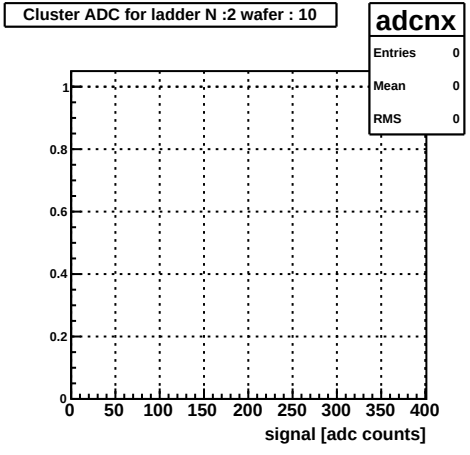

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

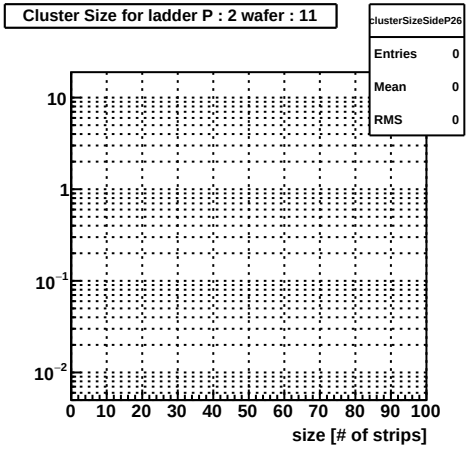

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

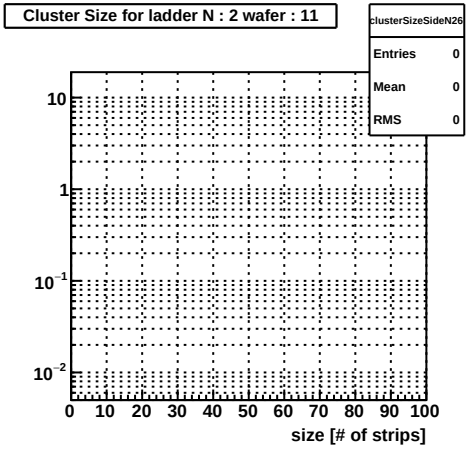

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

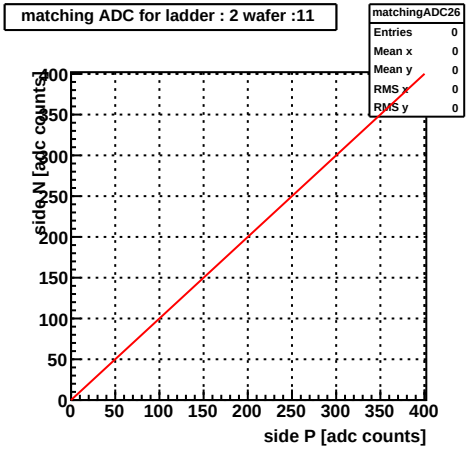

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

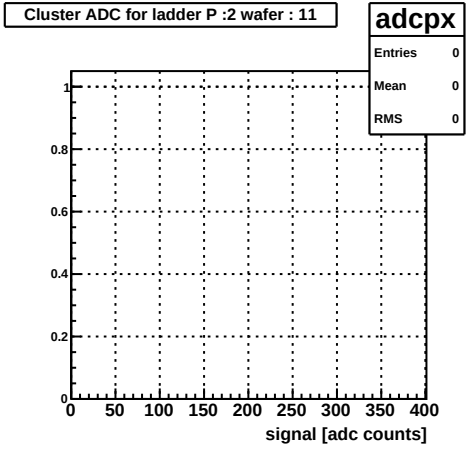

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

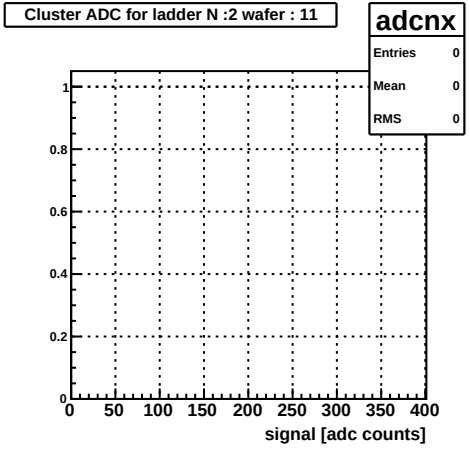

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

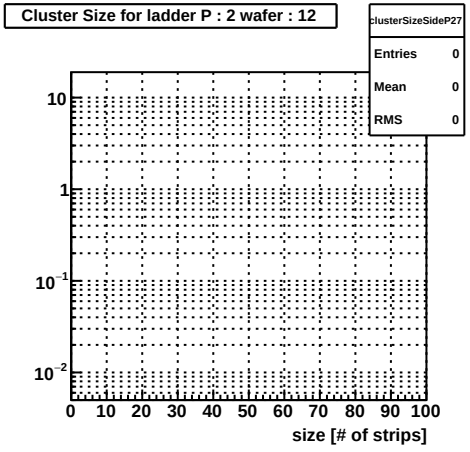

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

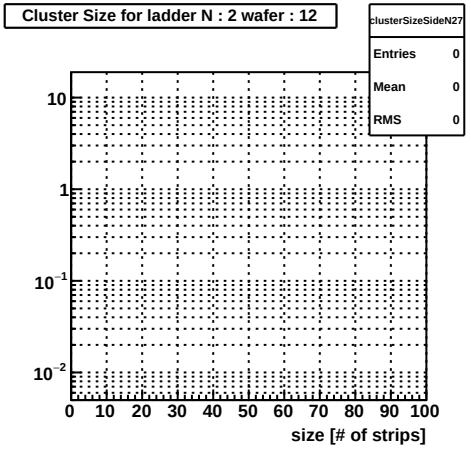

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

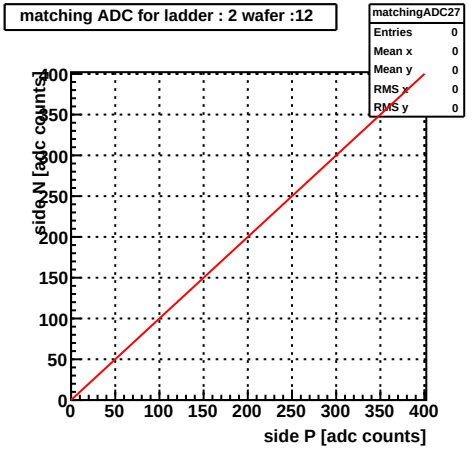

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

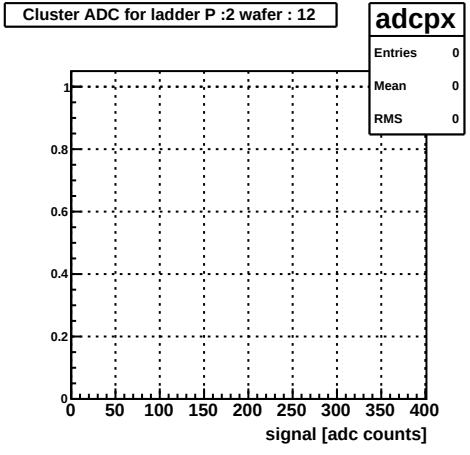

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

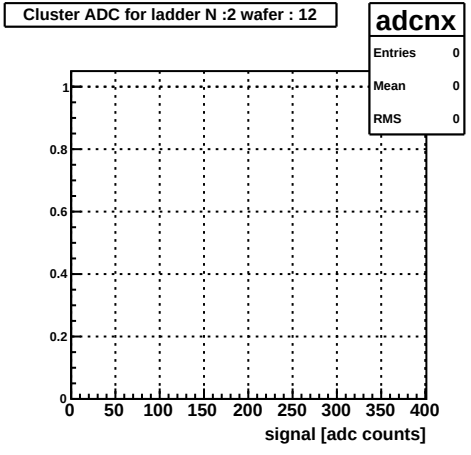

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

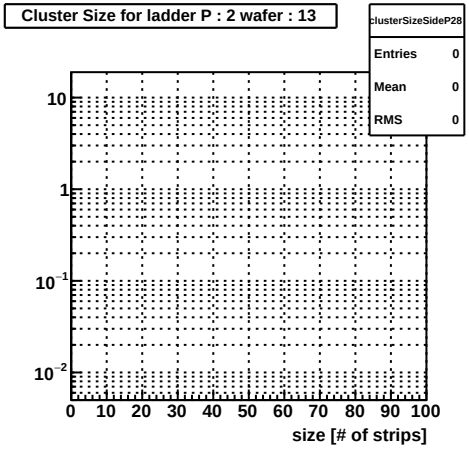

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

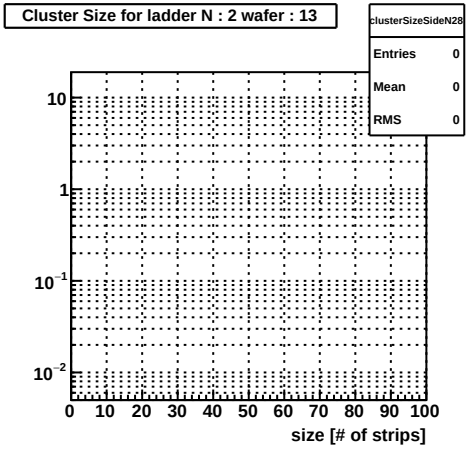

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

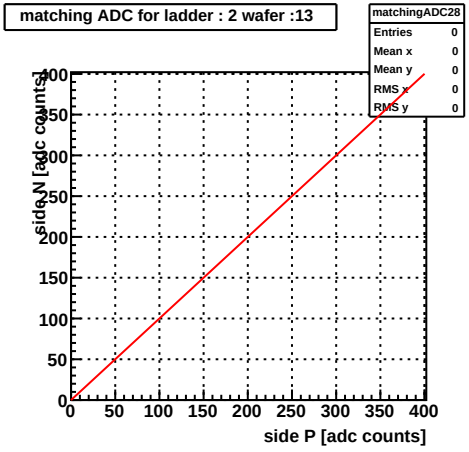

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

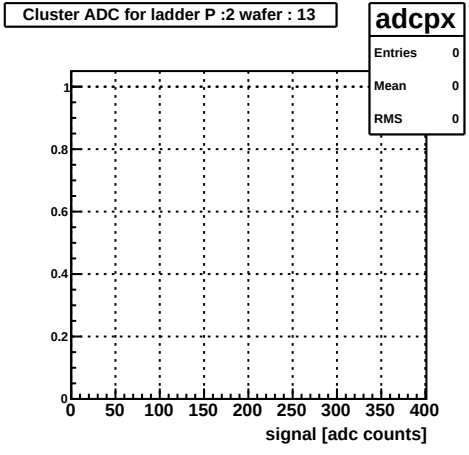

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

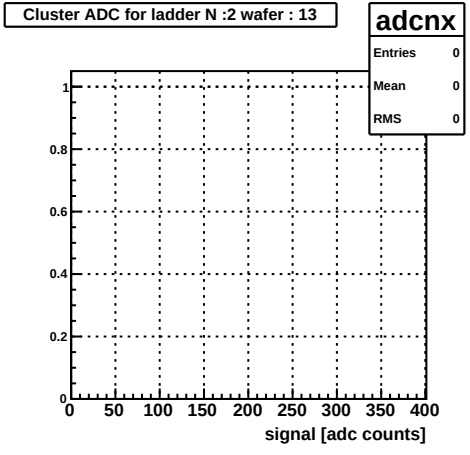

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

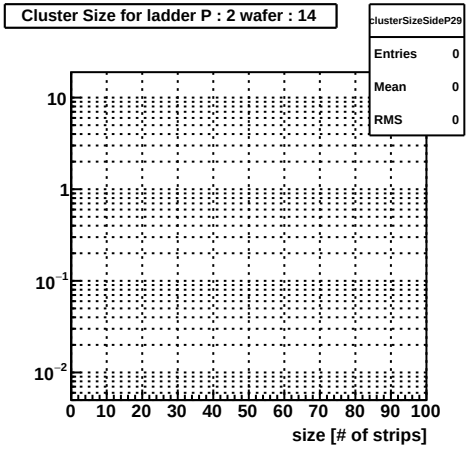

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

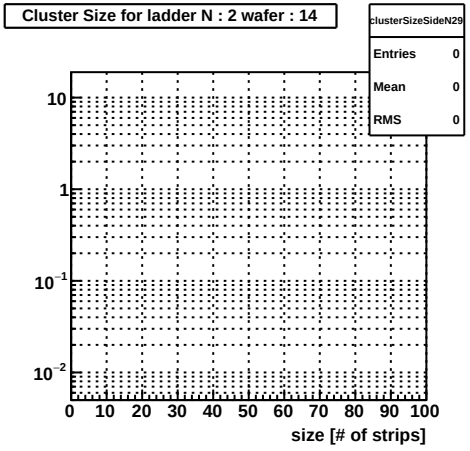

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

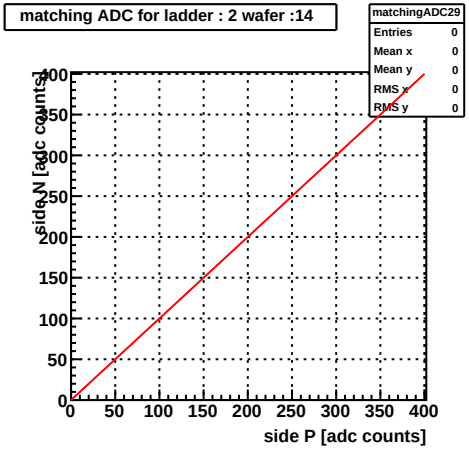

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

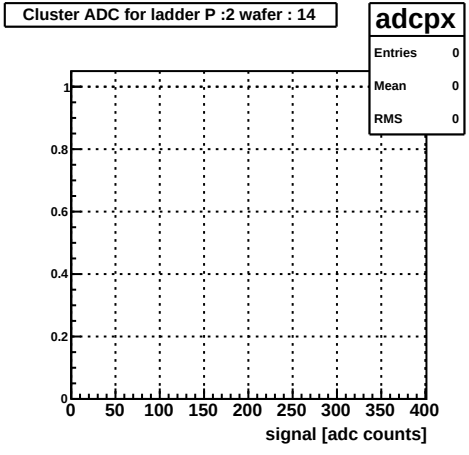

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

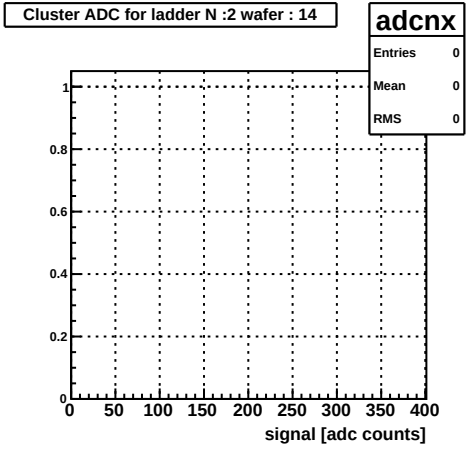

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

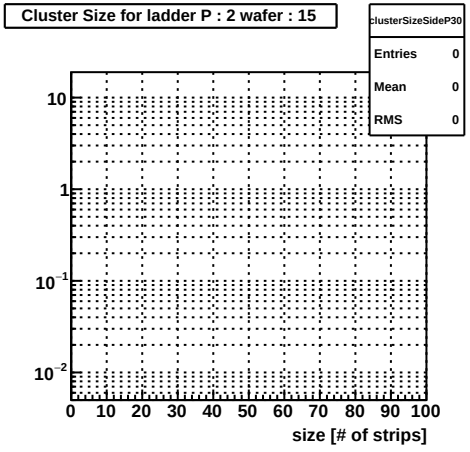

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

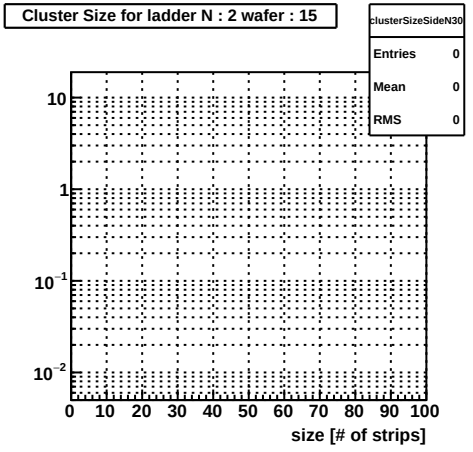

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

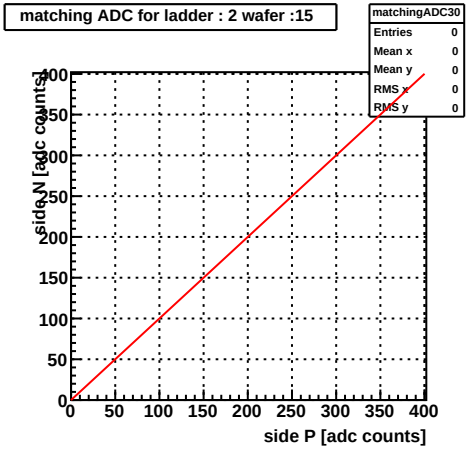

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

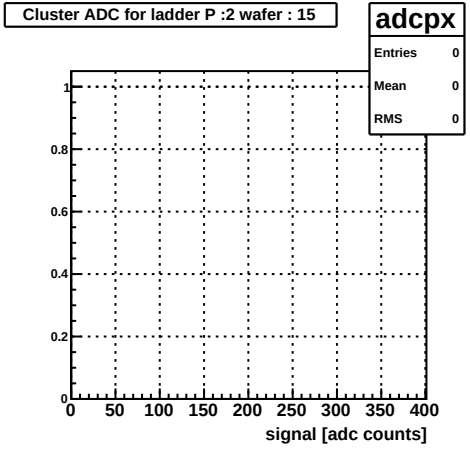

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

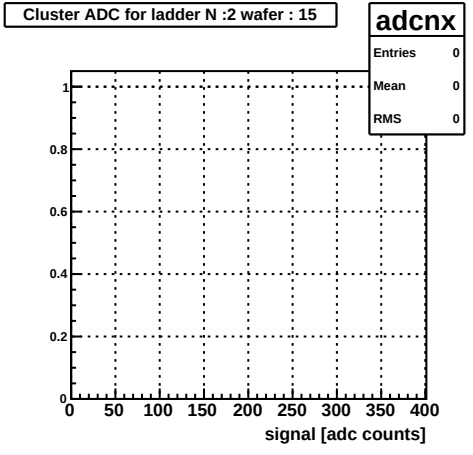

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

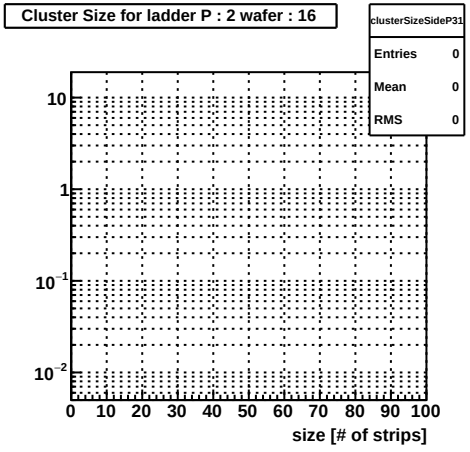

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

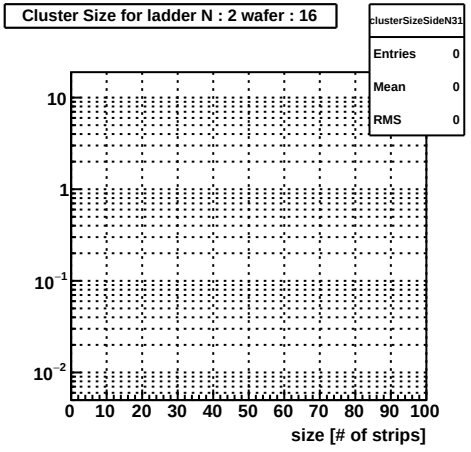

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

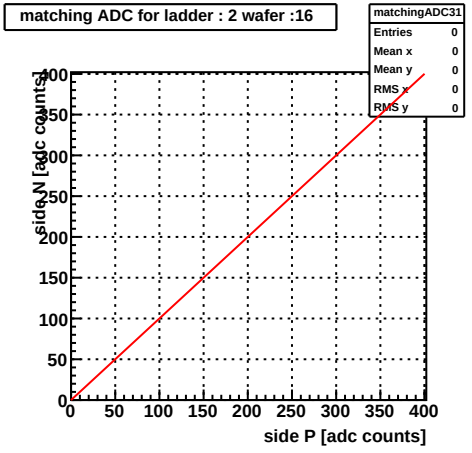

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

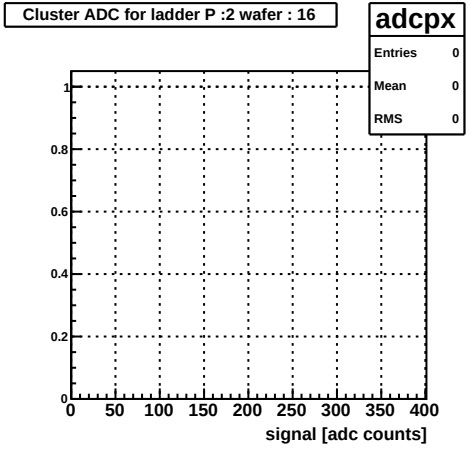

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

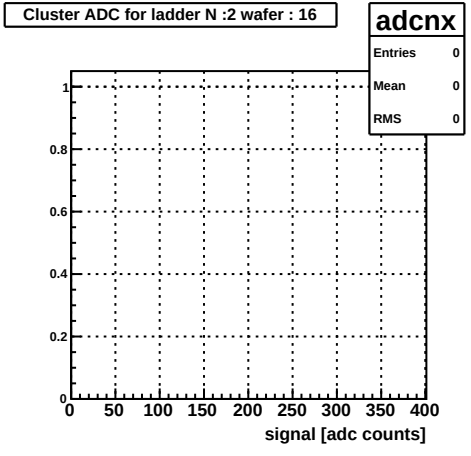

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

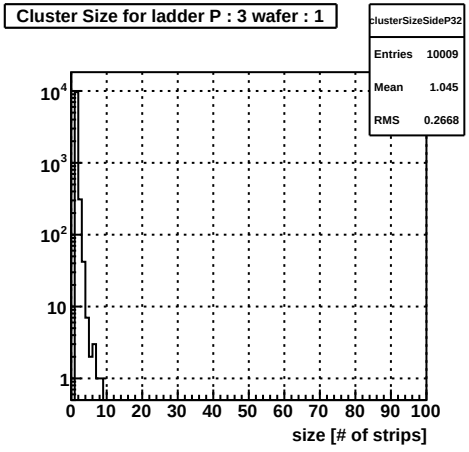

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

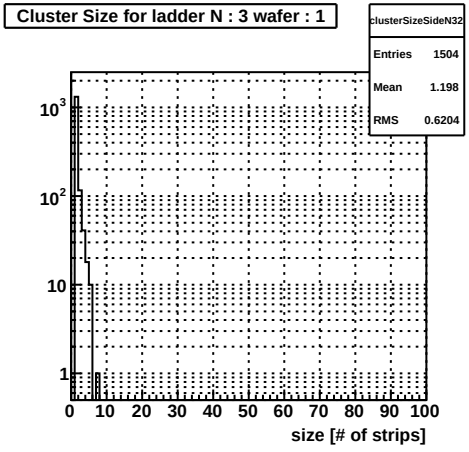

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

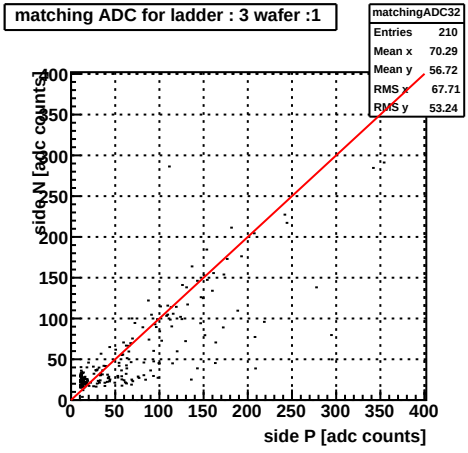

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

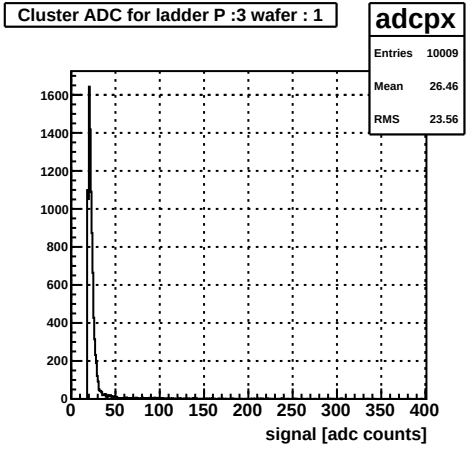

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

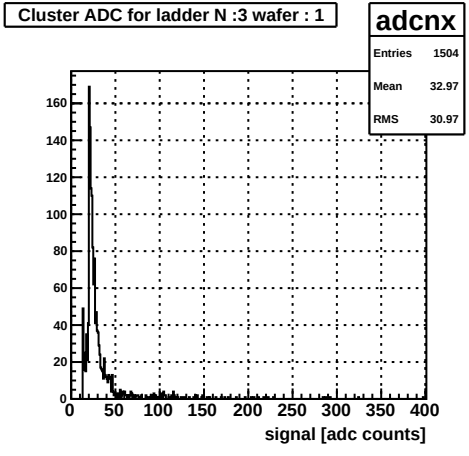

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

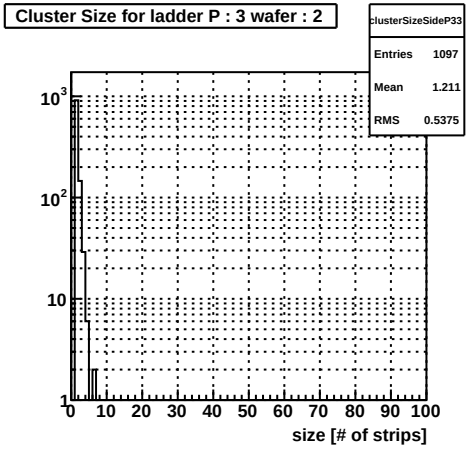

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10009
Mean 1.045
RMS 0.2668
size [# of strips]

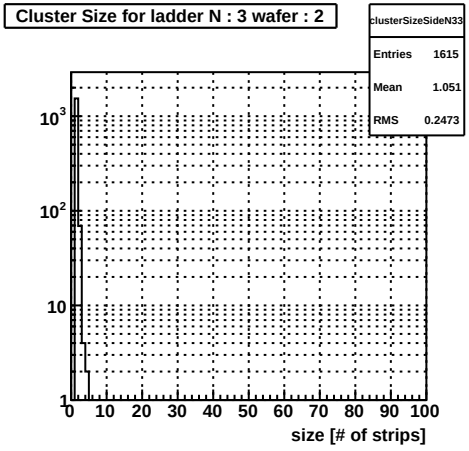

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1504
Mean 1.198
RMS 0.6204
size [# of strips]

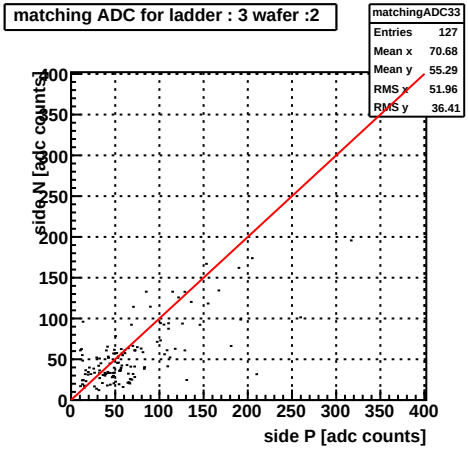

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 210
Mean x 70.29
Mean y 56.72
RMS x 67.71
RMS y 53.24
side N [adc counts]
side P [adc counts]

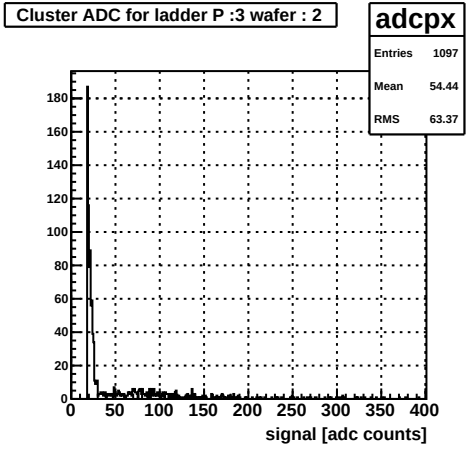

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10009
Mean 26.46
RMS 23.56
signal [adc counts]

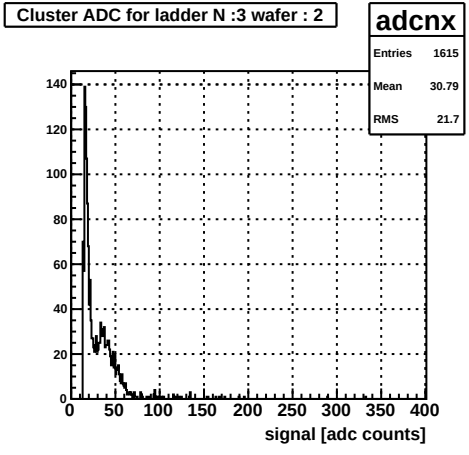

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1504
Mean 32.97
RMS 30.97
signal [adc counts]

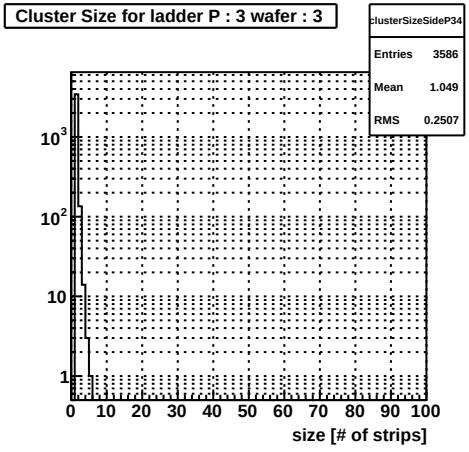

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1097
Mean 1.211
RMS 0.5375
size [# of strips]

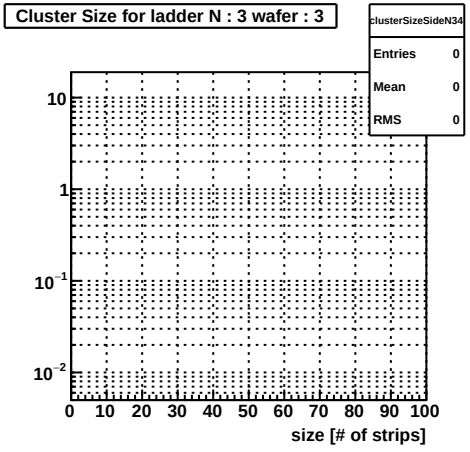

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1615
Mean 1.051
RMS 0.2473
size [# of strips]

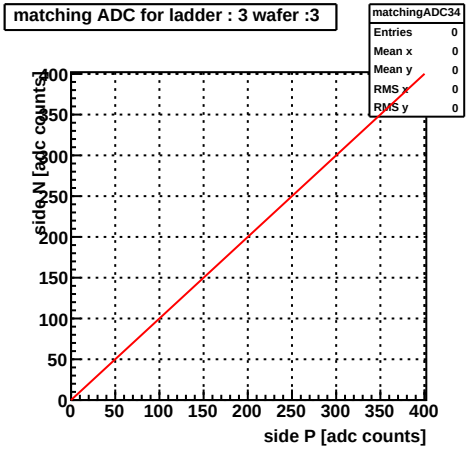

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 127
Mean x 70.68
Mean y 55.29
RMS x 51.96
RMS y 36.41
side N [adc counts]
side P [adc counts]

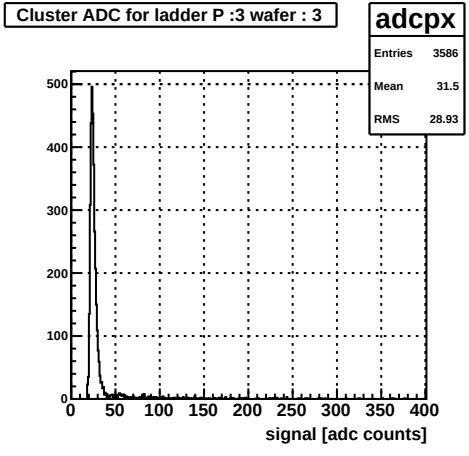

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1097
Mean 54.44
RMS 63.37
signal [adc counts]

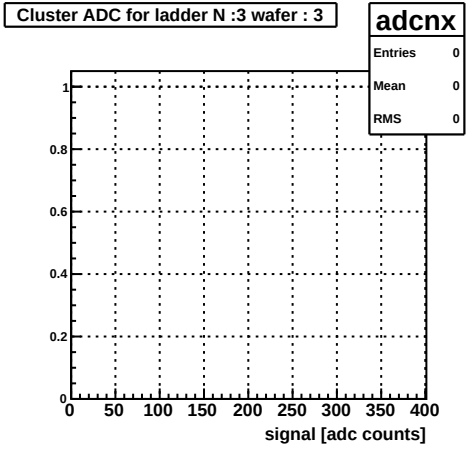

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1615
Mean 30.79
RMS 21.7
signal [adc counts]

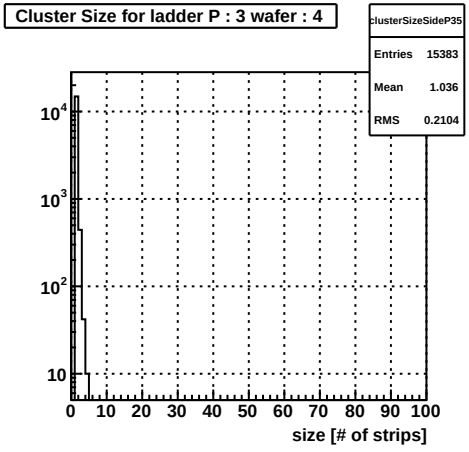

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3586
Mean 1.049
RMS 0.2507
size [# of strips]

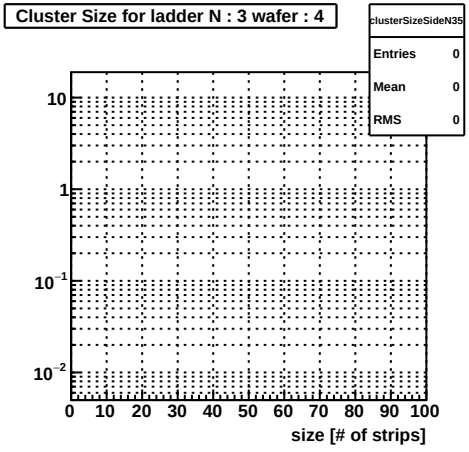

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

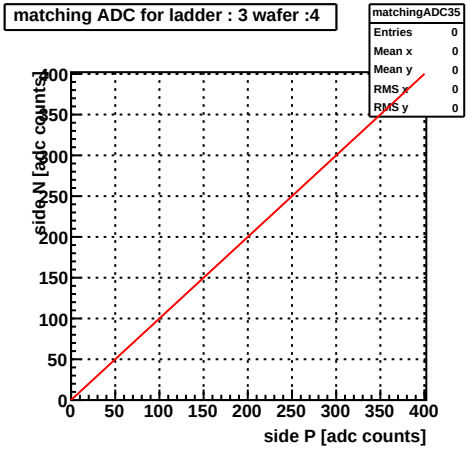

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

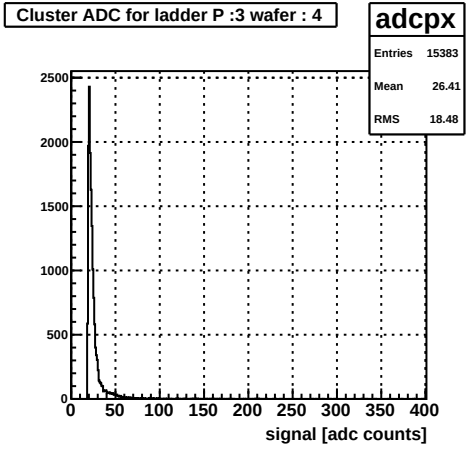

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3586
Mean 31.5
RMS 28.93
signal [adc counts]

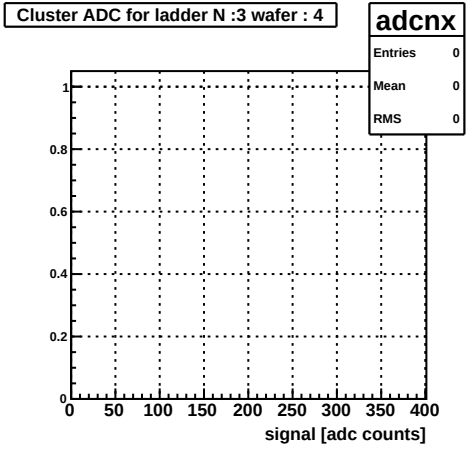

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

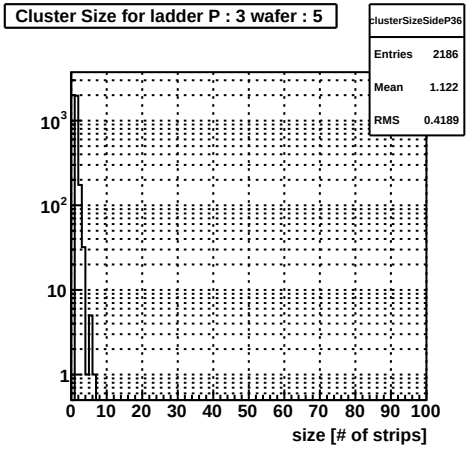

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15383
Mean 1.036
RMS 0.2104
size [# of strips]

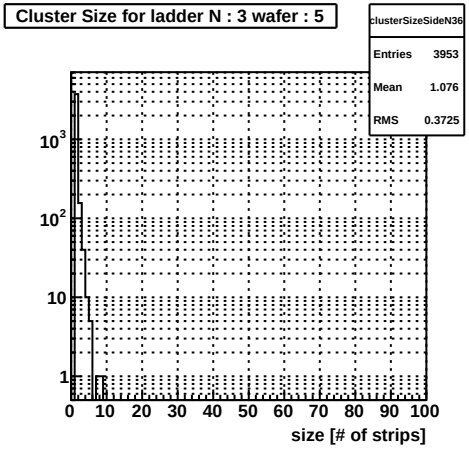

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

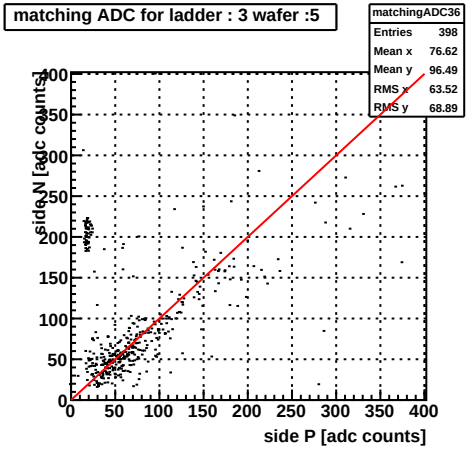

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

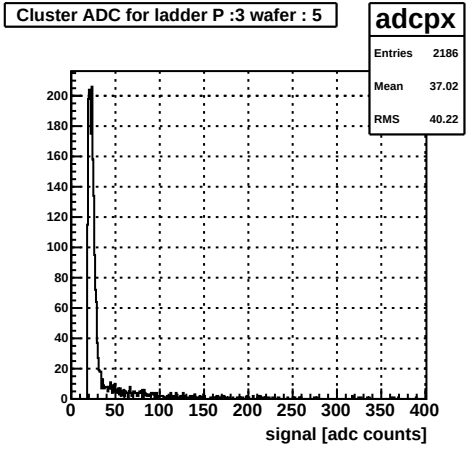

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15383
Mean 26.41
RMS 18.48
signal [adc counts]

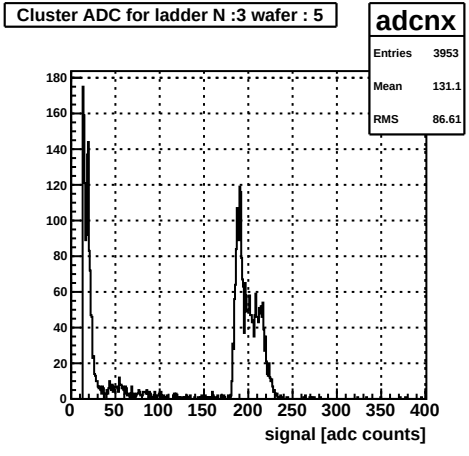

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

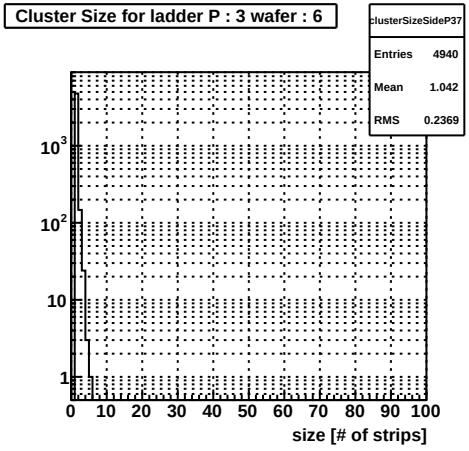

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2186
Mean 1.122
RMS 0.4189
size [# of strips]

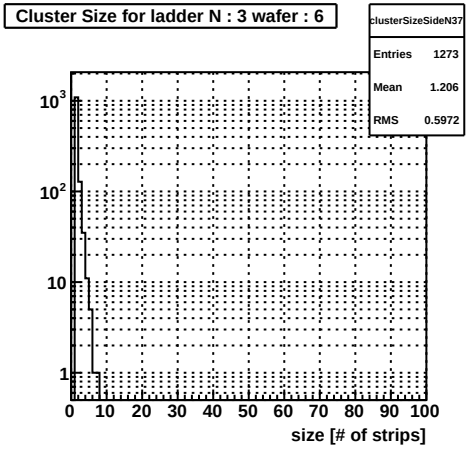

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3953
Mean 1.076
RMS 0.3725
size [# of strips]

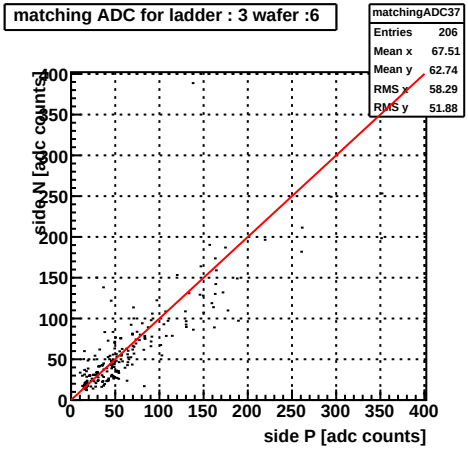

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 398
Mean x 76.62
Mean y 96.49
RMS x 63.52
RMS y 68.89
side N [adc counts]
side P [adc counts]

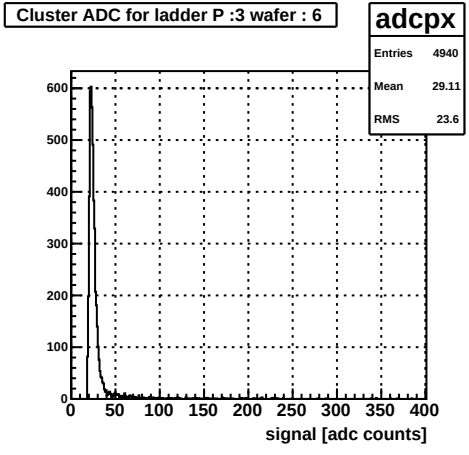

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2186
Mean 37.02
RMS 40.22
signal [adc counts]

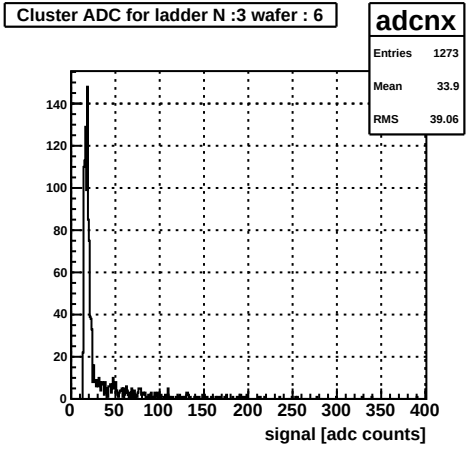

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3953
Mean 131.1
RMS 86.61
signal [adc counts]

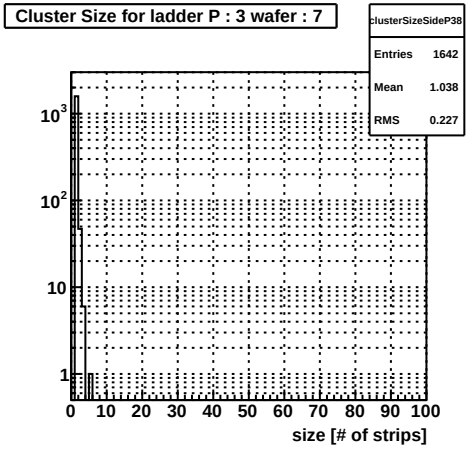

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4940
Mean 1.042
RMS 0.2369
size [# of strips]

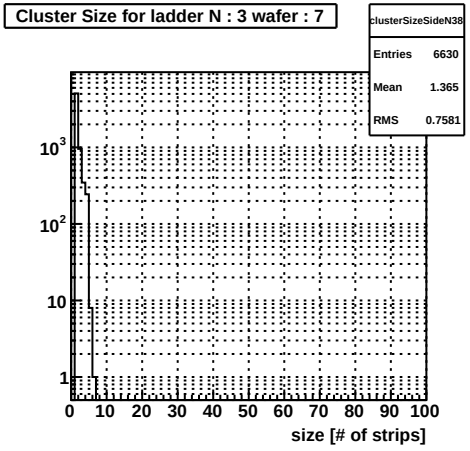

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1273
Mean 1.206
RMS 0.5972
size [# of strips]

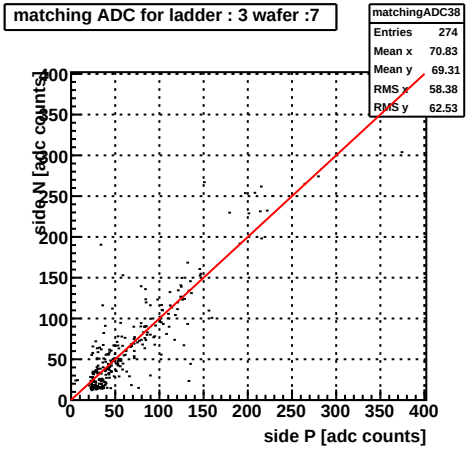

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 206
Mean x 67.51
Mean y 62.74
RMS x 58.29
RMS y 51.88
side N [adc counts]
side P [adc counts]

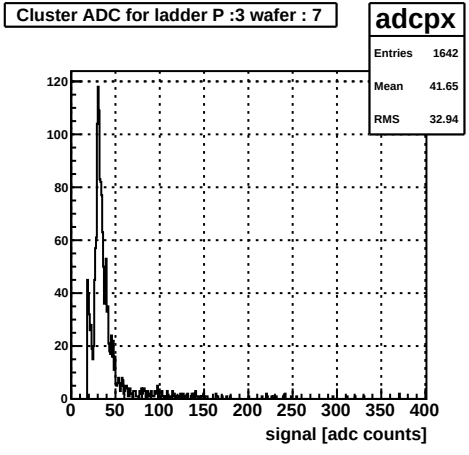

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4940
Mean 29.11
RMS 23.6
signal [adc counts]

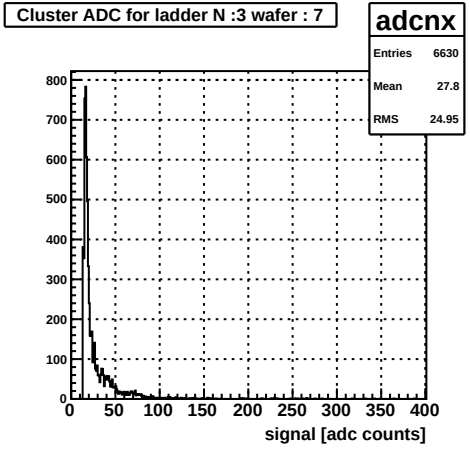

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1273
Mean 33.9
RMS 39.06
signal [adc counts]

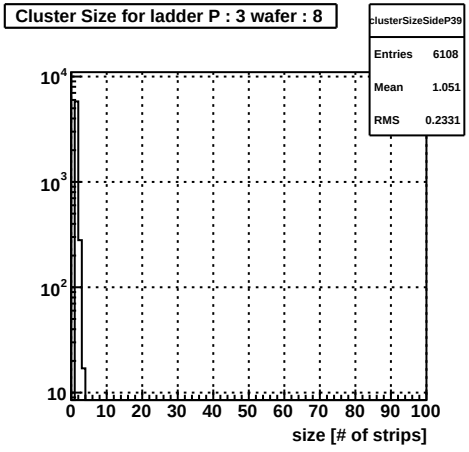

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1642
Mean 1.038
RMS 0.227
size [# of strips]

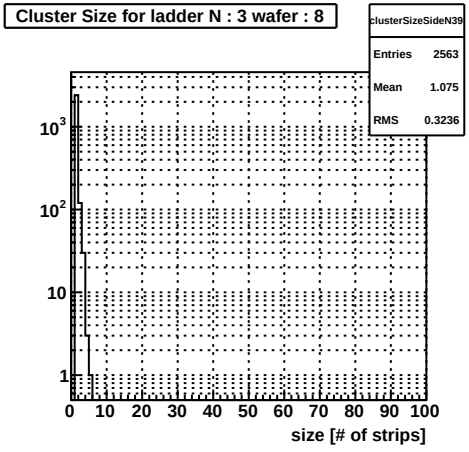

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6630
Mean 1.365
RMS 0.7581
size [# of strips]

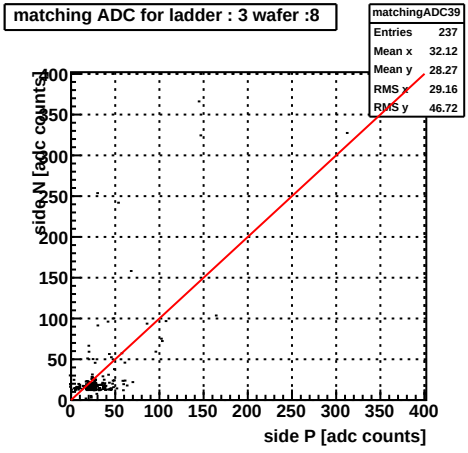

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 274
Mean x 70.83
Mean y 69.31
RMS x 58.38
RMS y 62.53
side N [adc counts]
side P [adc counts]

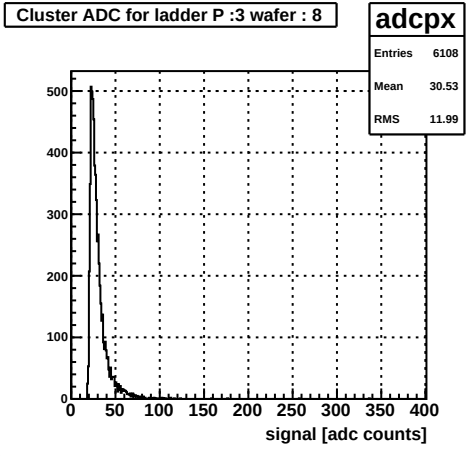

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1642
Mean 41.65
RMS 32.94
signal [adc counts]

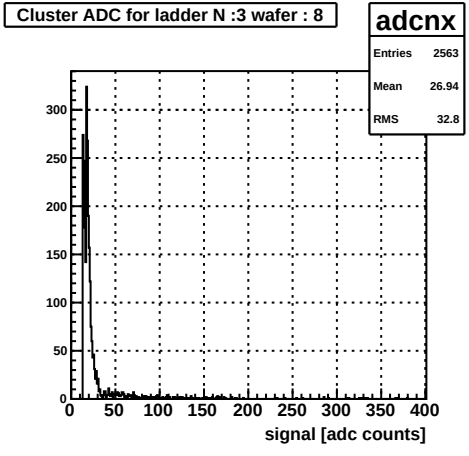

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6630
Mean 27.8
RMS 24.95
signal [adc counts]

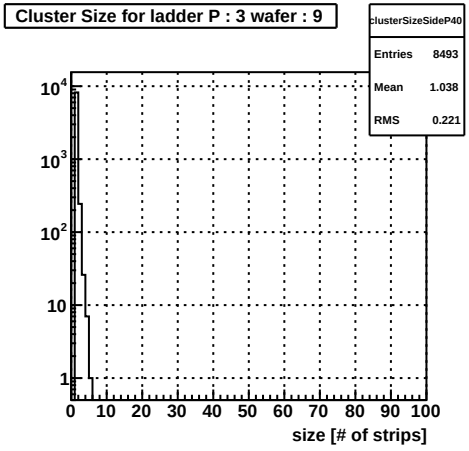

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 6108
Mean 1.051
RMS 0.2331
size [# of strips]

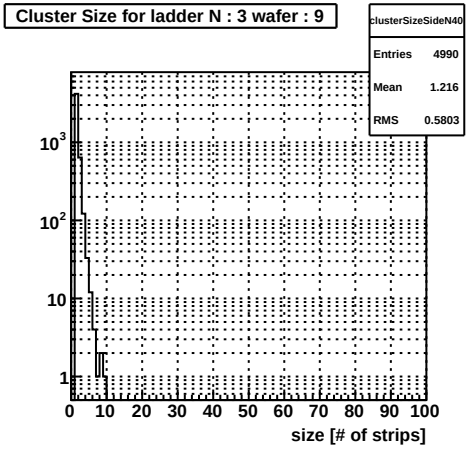

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2563
Mean 1.075
RMS 0.3236
size [# of strips]

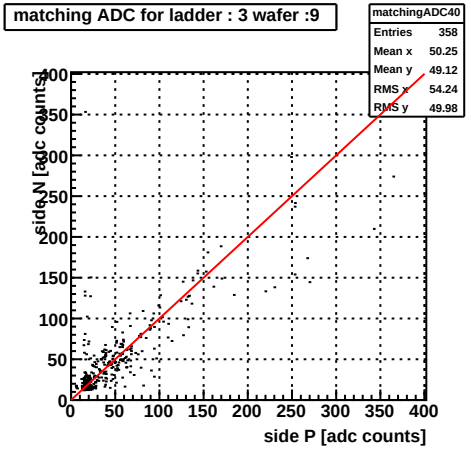

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 237
Mean x 32.12
Mean y 28.27
RMS x 29.16
RMS y 46.72
side N [adc counts]
side P [adc counts]

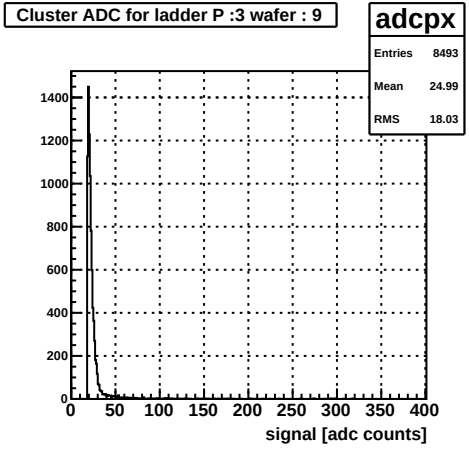

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 6108
Mean 30.53
RMS 11.99
signal [adc counts]

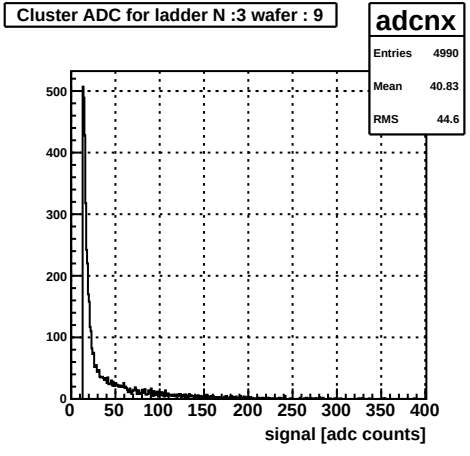

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2563
Mean 26.94
RMS 32.8
signal [adc counts]

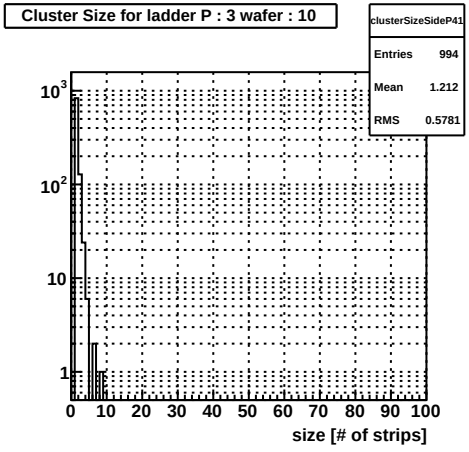

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8493
Mean 1.038
RMS 0.221
size [# of strips]

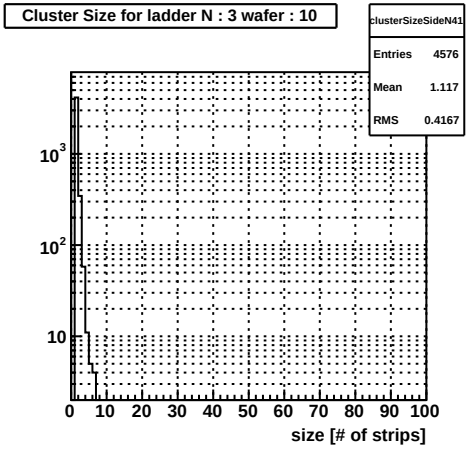

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 4990
Mean 1.216
RMS 0.5803
size [# of strips]

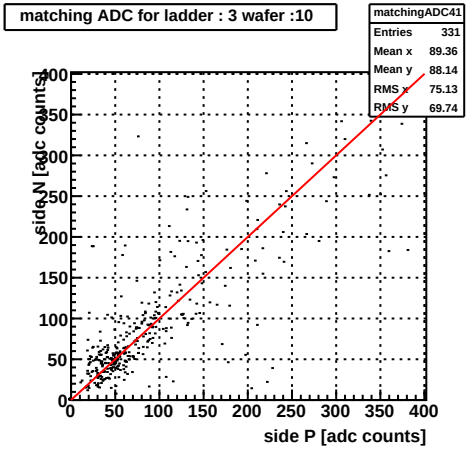

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 358
Mean x 50.25
Mean y 49.12
RMS x 54.24
RMS y 49.98
side N [adc counts]
side P [adc counts]

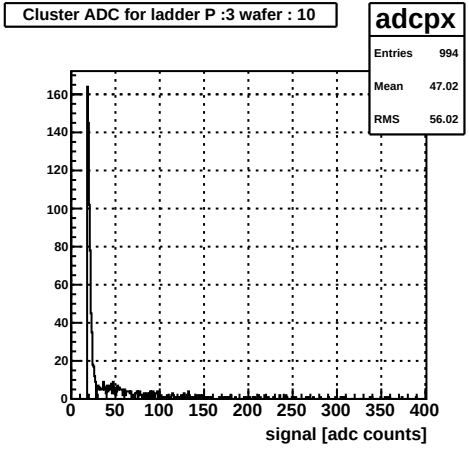

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8493
Mean 24.99
RMS 18.03
signal [adc counts]

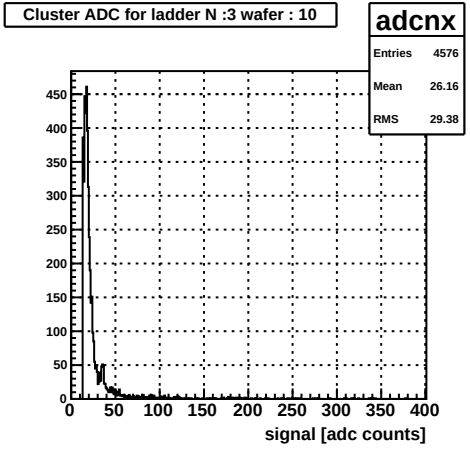

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 4990
Mean 40.83
RMS 44.6
signal [adc counts]

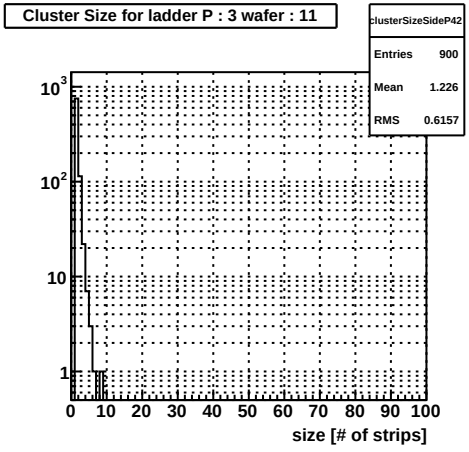

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 994
Mean 1.212
RMS 0.5781
size [# of strips]

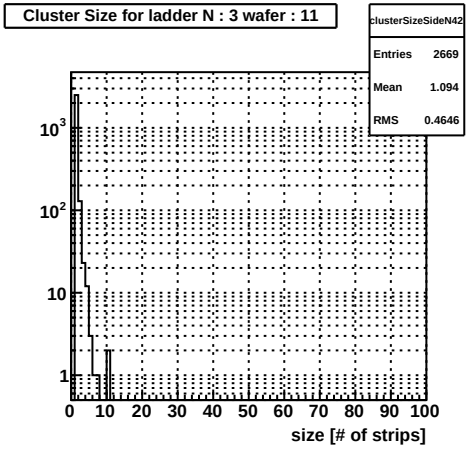

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4576
Mean 1.117
RMS 0.4167
size [# of strips]

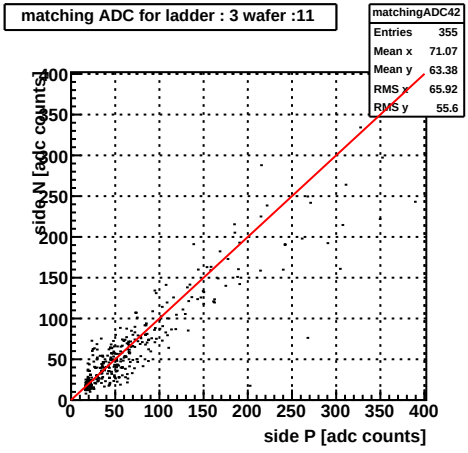

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 331
Mean x 89.36
Mean y 88.14
RMS x 75.13
RMS y 69.74
side N [adc counts]
side P [adc counts]

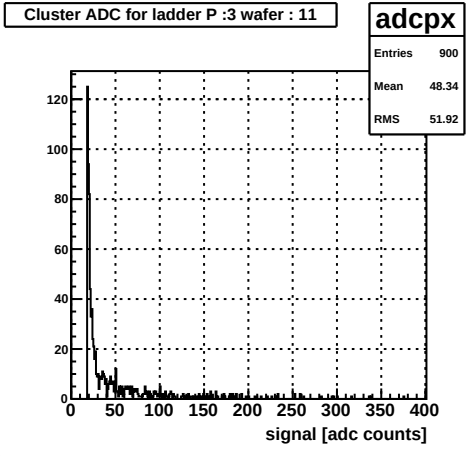

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 994
Mean 47.02
RMS 56.02
signal [adc counts]

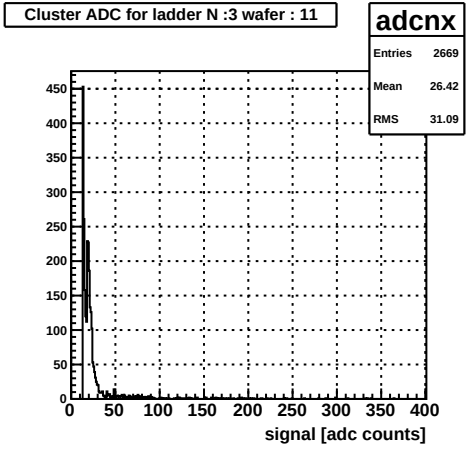

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4576
Mean 26.16
RMS 29.38
signal [adc counts]

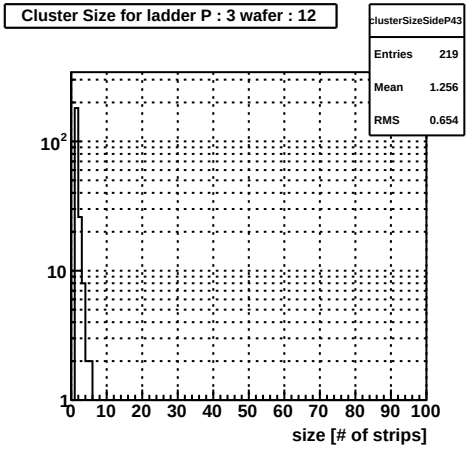

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 900
Mean 1.226
RMS 0.6157
size [# of strips]

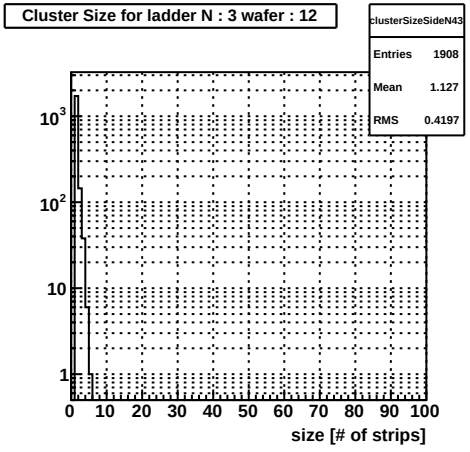

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2669
Mean 1.094
RMS 0.4646
size [# of strips]

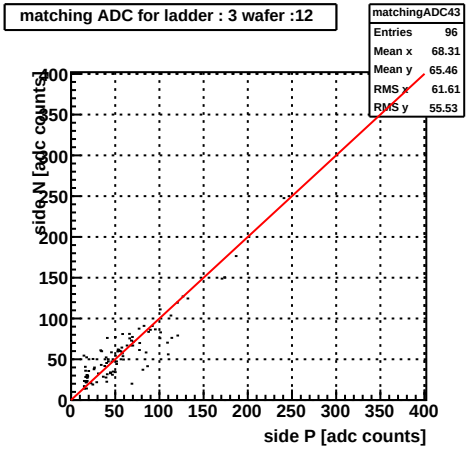

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 355
Mean x 71.07
Mean y 63.38
RMS x 65.92
RMS y 55.6
side N [adc counts]
side P [adc counts]

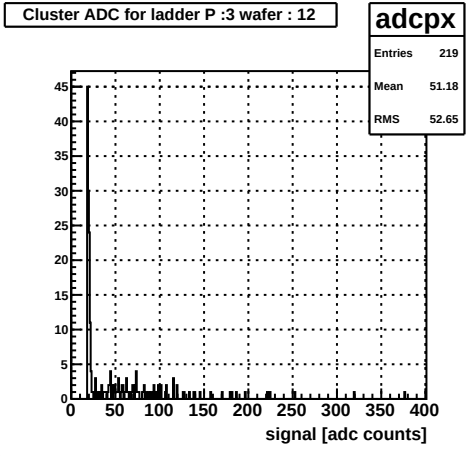

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 900
Mean 48.34
RMS 51.92
signal [adc counts]

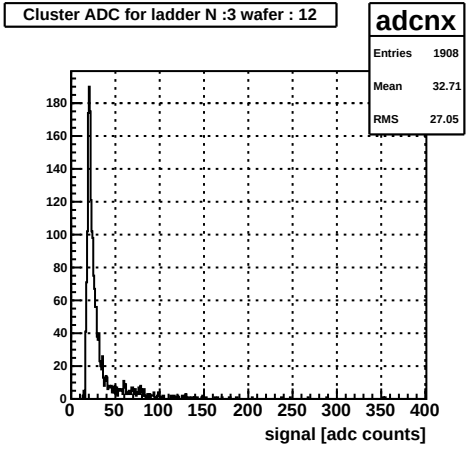

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2669
Mean 26.42
RMS 31.09
signal [adc counts]

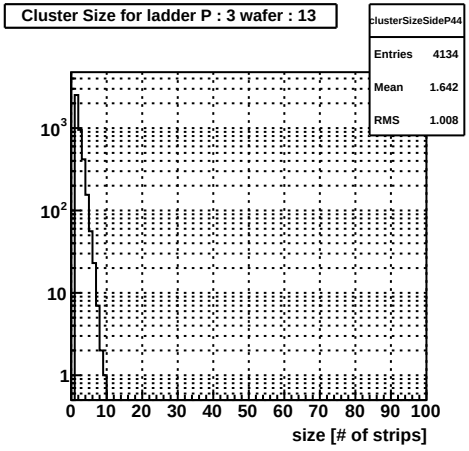

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 219
Mean 1.256
RMS 0.654
size [# of strips]

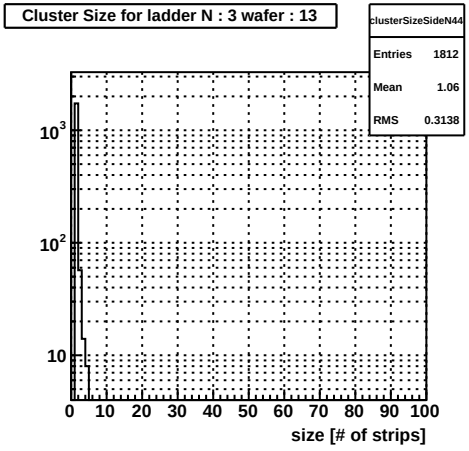

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1908
Mean 1.127
RMS 0.4197
size [# of strips]

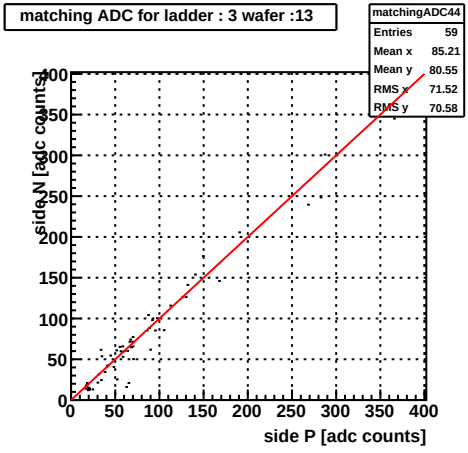

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 96
Mean x 68.31
Mean y 65.46
RMS x 61.61
RMS y 55.53
side N [adc counts]
side P [adc counts]

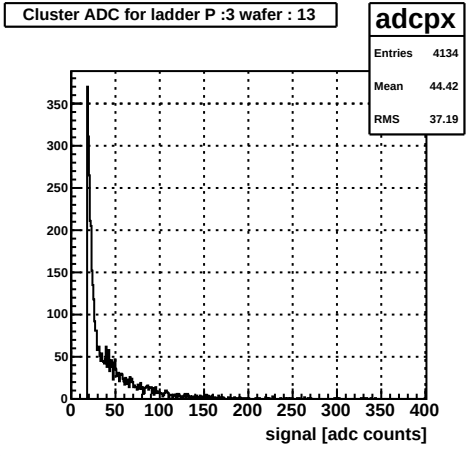

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 219
Mean 51.18
RMS 52.65
signal [adc counts]

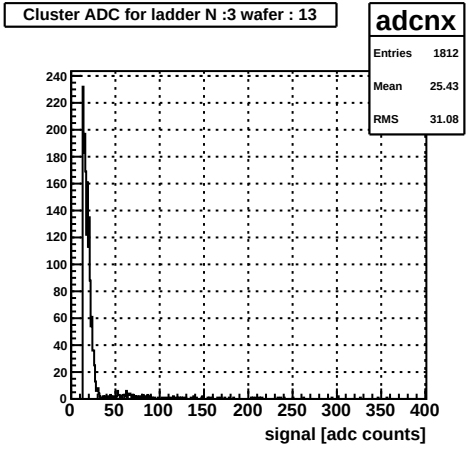

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1908
Mean 32.71
RMS 27.05
signal [adc counts]

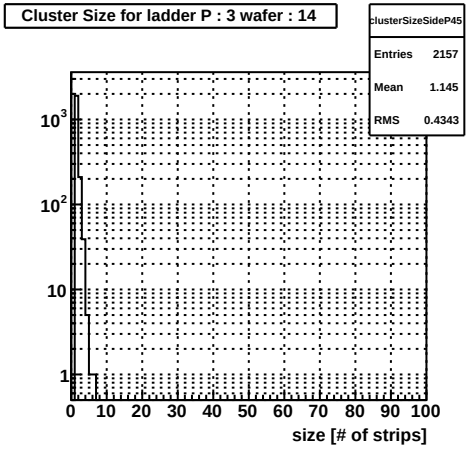

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4134
Mean 1.642
RMS 1.008
size [# of strips]

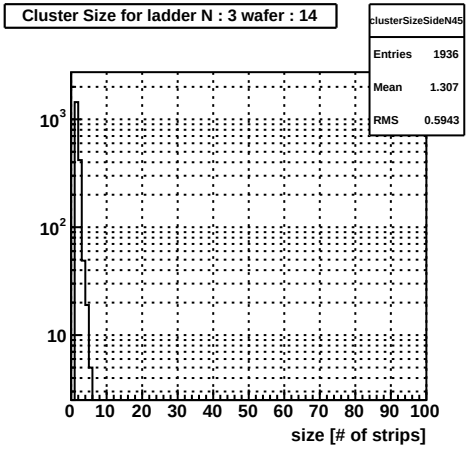

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1812
Mean 1.06
RMS 0.3138
size [# of strips]

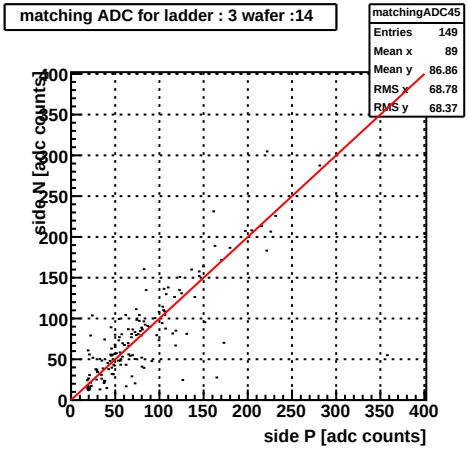

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 59
Mean x 85.21
Mean y 80.55
RMS x 71.52
RMS y 70.58
side N [adc counts]
side P [adc counts]

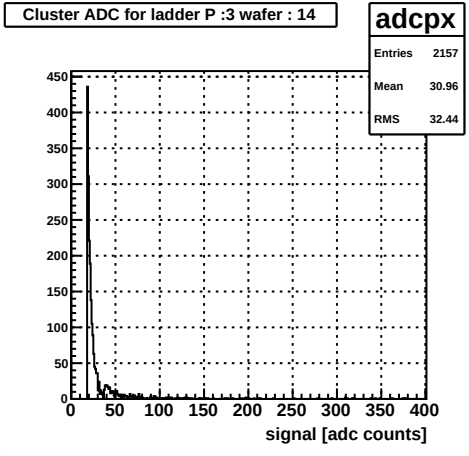

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4134
Mean 44.42
RMS 37.19
signal [adc counts]

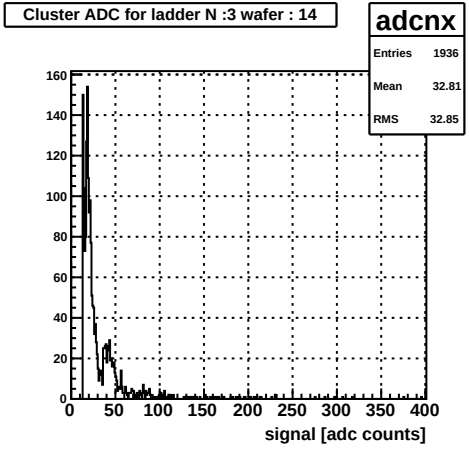

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1812
Mean 25.43
RMS 31.08
signal [adc counts]

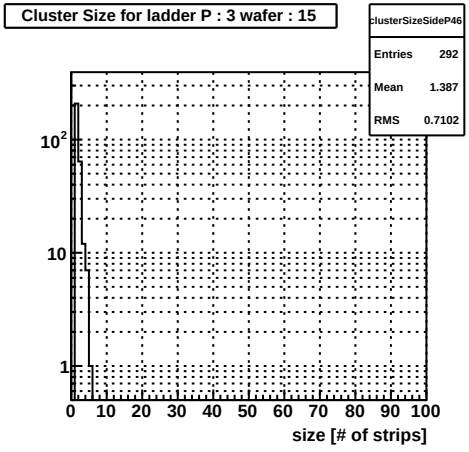

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2157
Mean 1.145
RMS 0.4343
size [# of strips]

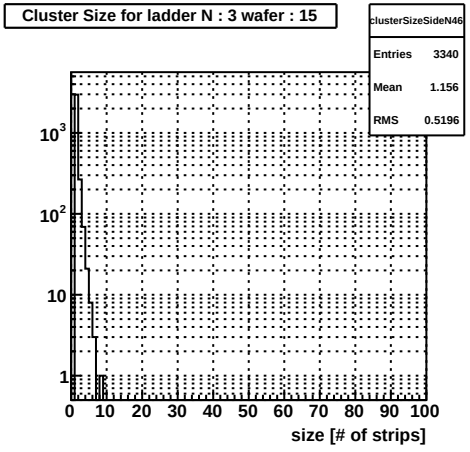

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1936
Mean 1.307
RMS 0.5943
size [# of strips]

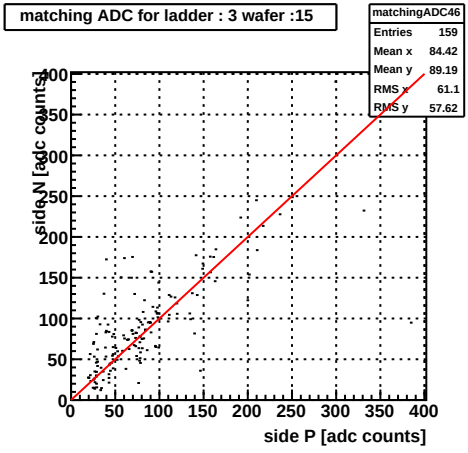

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 149
Mean x 89
Mean y 86.86
RMS x 68.78
RMS y 68.37
side N [adc counts]
side P [adc counts]

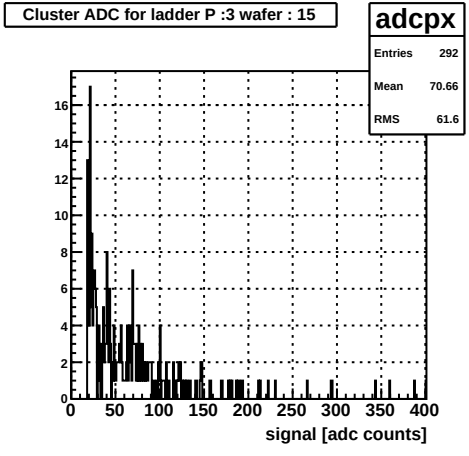

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2157
Mean 30.96
RMS 32.44
signal [adc counts]

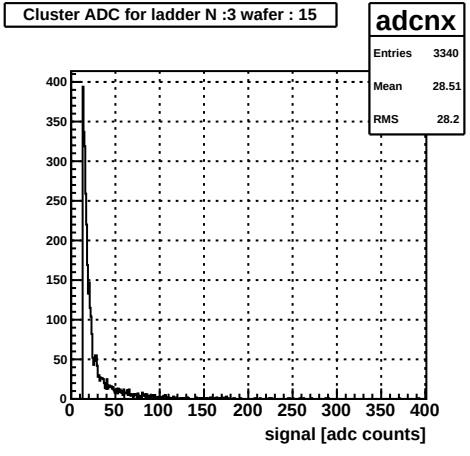

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1936
Mean 32.81
RMS 32.85
signal [adc counts]

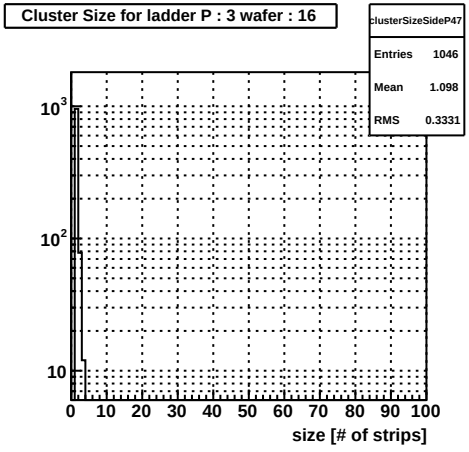

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 292
Mean 1.387
RMS 0.7102
size [# of strips]

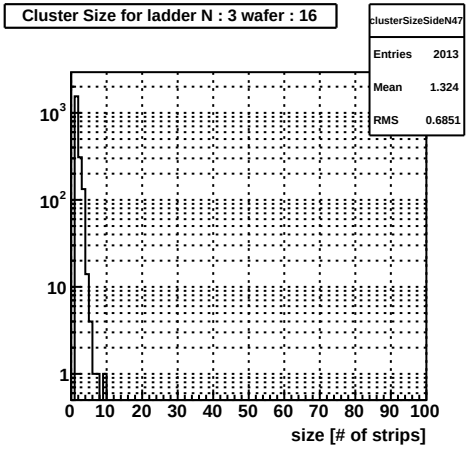

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3340
Mean 1.156
RMS 0.5196
size [# of strips]

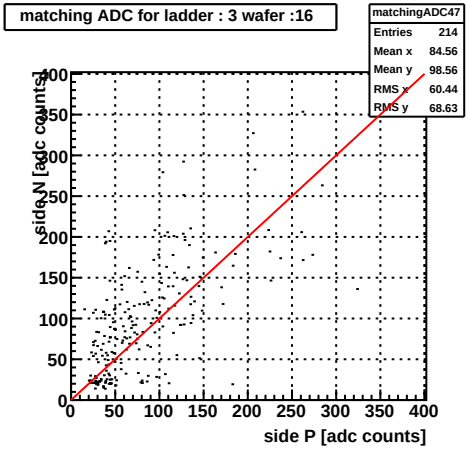

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 159
Mean x 84.42
Mean y 89.19
RMS x 61.1
RMS y 57.62
side N [adc counts]
side P [adc counts]

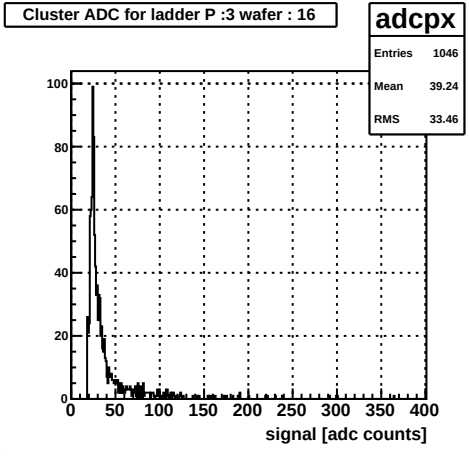

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 292
Mean 70.66
RMS 61.6
signal [adc counts]

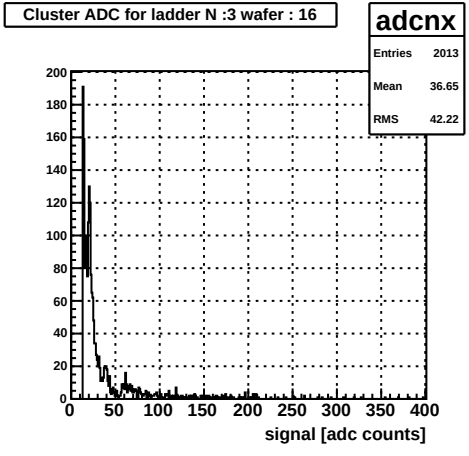

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3340
Mean 28.51
RMS 28.2
signal [adc counts]

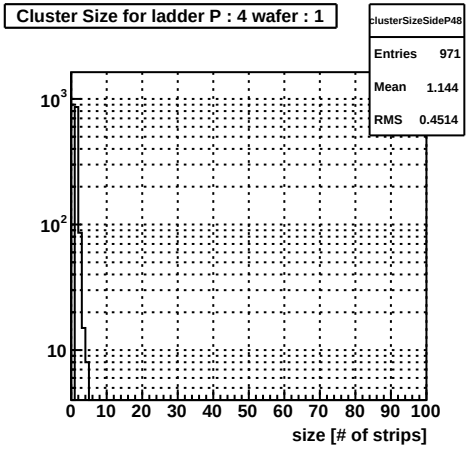

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1046
Mean 1.098
RMS 0.3331
size [# of strips]

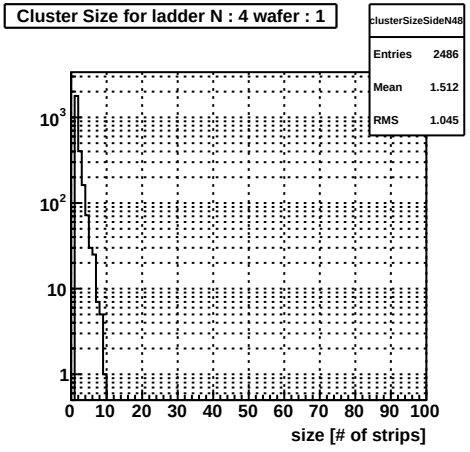

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2013
Mean 1.324
RMS 0.6851
size [# of strips]

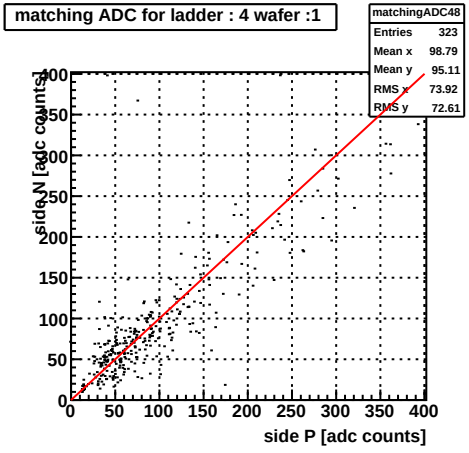

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 214
Mean x 84.56
Mean y 98.56
RMS x 60.44
RMS y 68.63
side N [adc counts]
side P [adc counts]

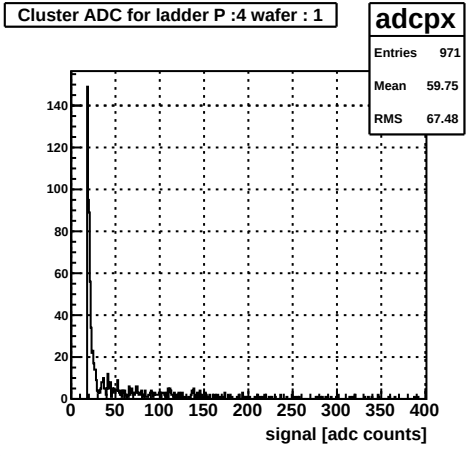

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1046
Mean 39.24
RMS 33.46
signal [adc counts]

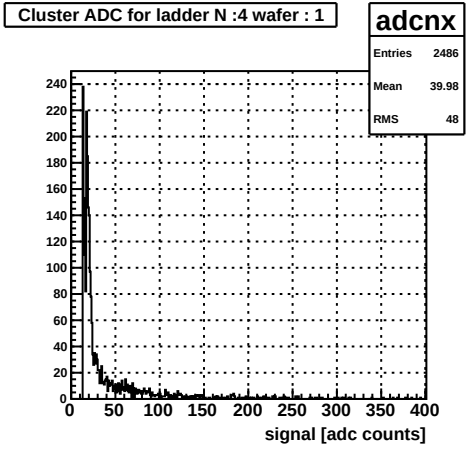

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2013
Mean 36.65
RMS 42.22
signal [adc counts]

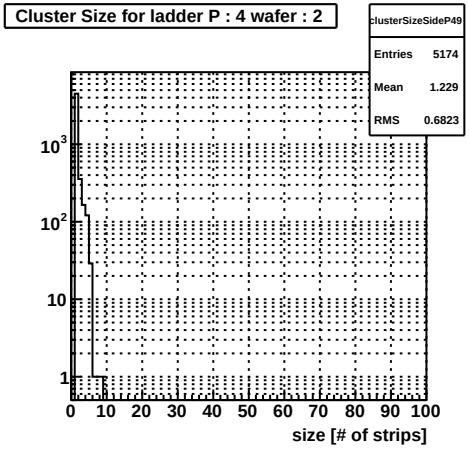

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 971
Mean 1.144
RMS 0.4514
size [# of strips]

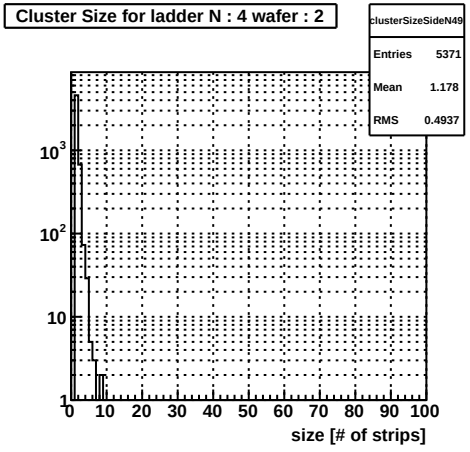

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2486
Mean 1.512
RMS 1.045
size [# of strips]

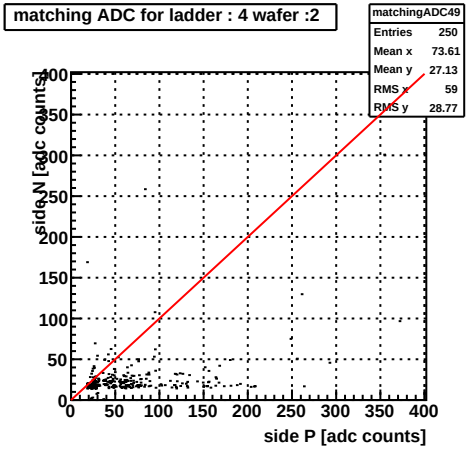

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 323
Mean x 98.79
Mean y 95.11
RMS x 73.92
RMS y 72.61
side N [adc counts]
side P [adc counts]

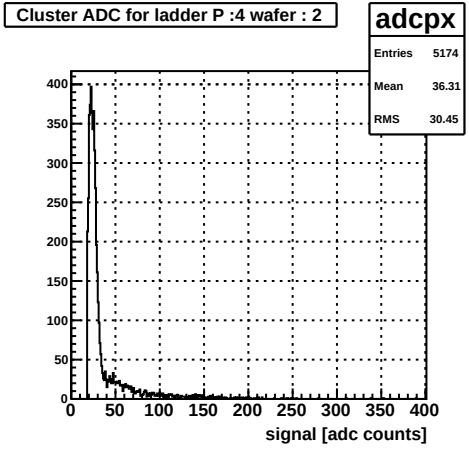

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 971
Mean 59.75
RMS 67.48
signal [adc counts]

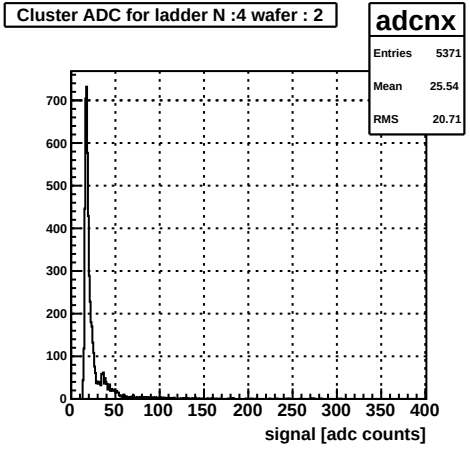

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2486
Mean 39.98
RMS 48
signal [adc counts]

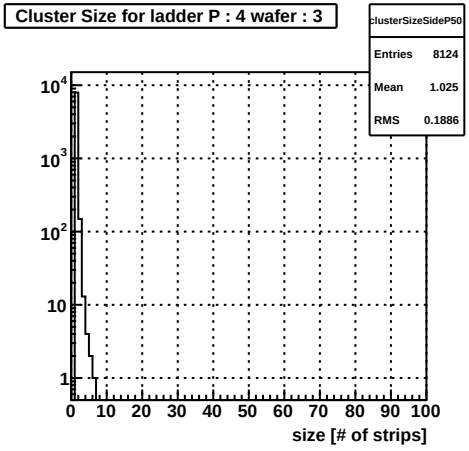

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5174
Mean 1.229
RMS 0.6823
size [# of strips]

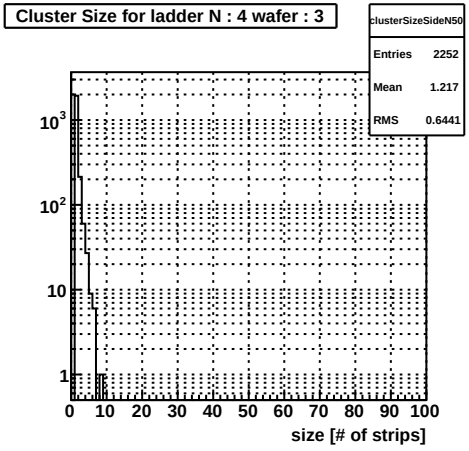

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5371
Mean 1.178
RMS 0.4937
size [# of strips]

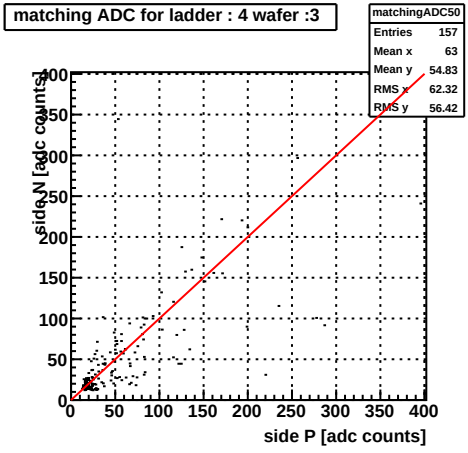

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 250
Mean x 73.61
Mean y 27.13
RMS x 59
RMS y 28.77
side N [adc counts]
side P [adc counts]

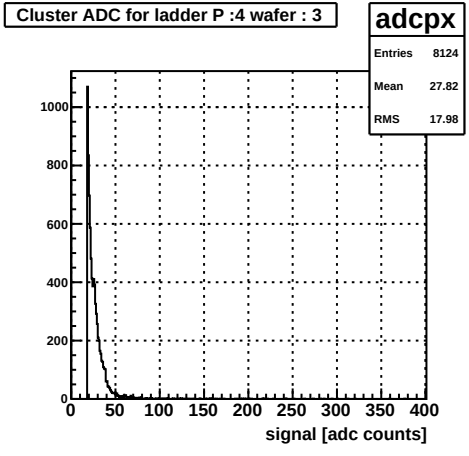

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5174
Mean 36.31
RMS 30.45
signal [adc counts]

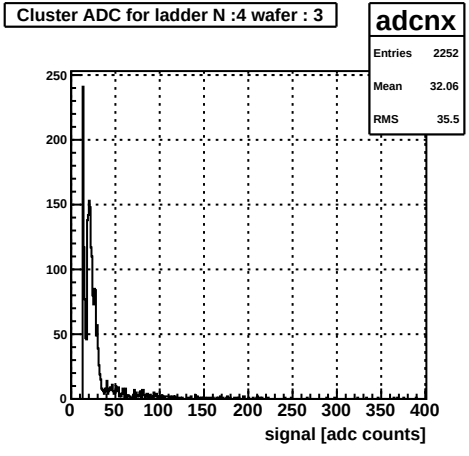

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5371
Mean 25.54
RMS 20.71
signal [adc counts]

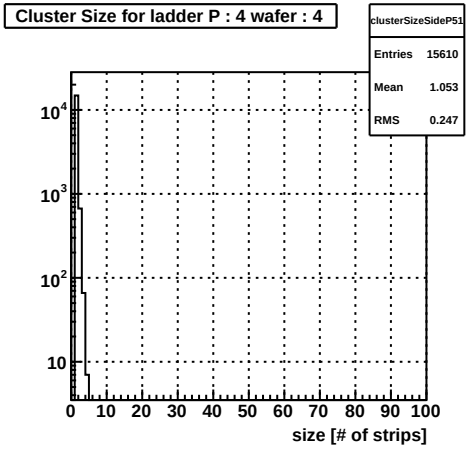

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8124
Mean 1.025
RMS 0.1886
size [# of strips]

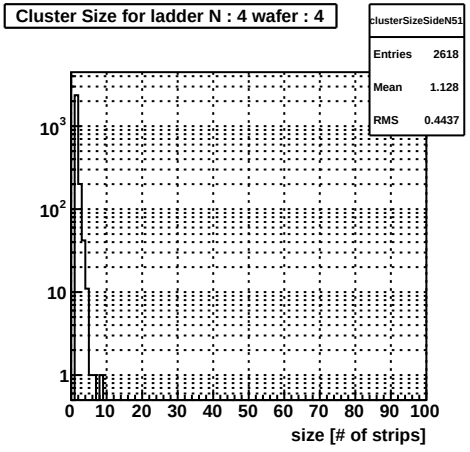

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2252
Mean 1.217
RMS 0.6441
size [# of strips]

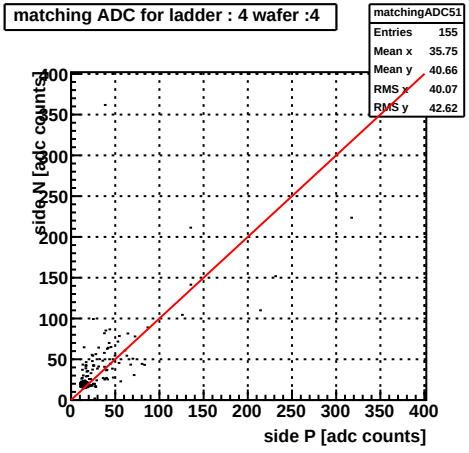

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 157
Mean x 63
Mean y 54.83
RMS x 62.32
RMS y 56.42
side N [adc counts]
side P [adc counts]

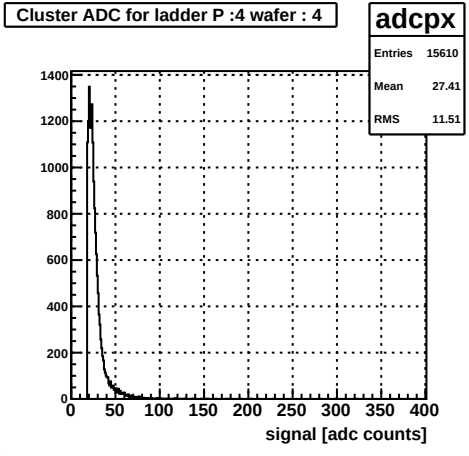

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8124
Mean 27.82
RMS 17.98
signal [adc counts]

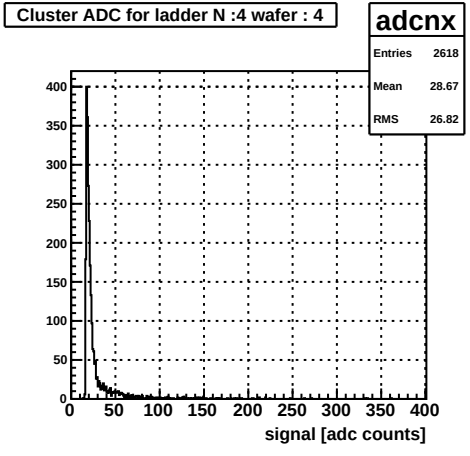

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2252
Mean 32.06
RMS 35.5
signal [adc counts]

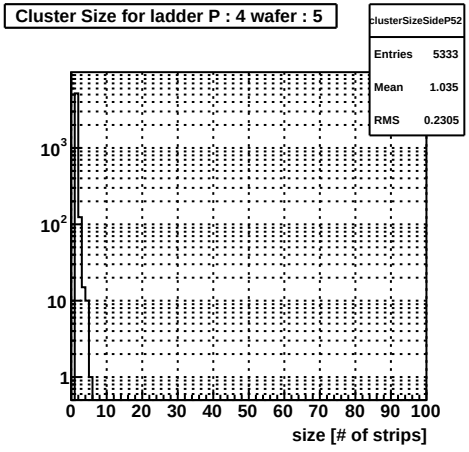

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 15610
Mean 1.053
RMS 0.247
size [# of strips]

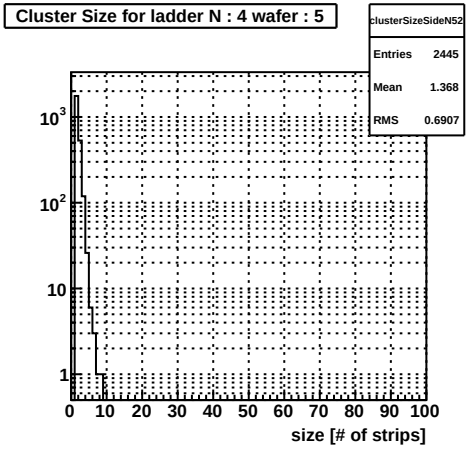

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2618
Mean 1.128
RMS 0.4437
size [# of strips]

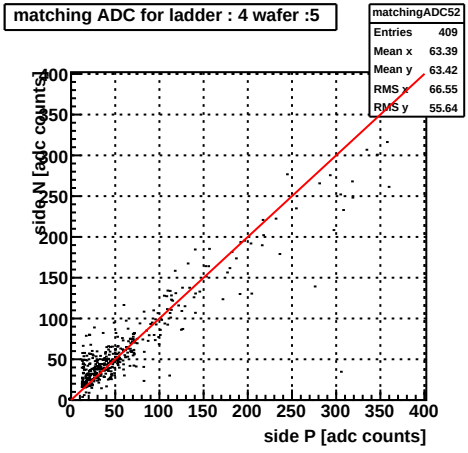

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 155
Mean x 35.75
Mean y 40.66
RMS x 40.07
RMS y 42.62
side N [adc counts]
side P [adc counts]

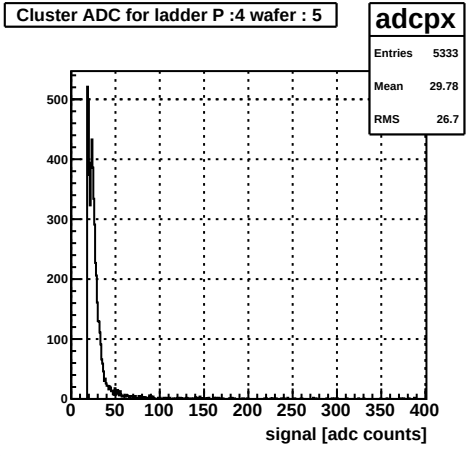

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 15610
Mean 27.41
RMS 11.51
signal [adc counts]

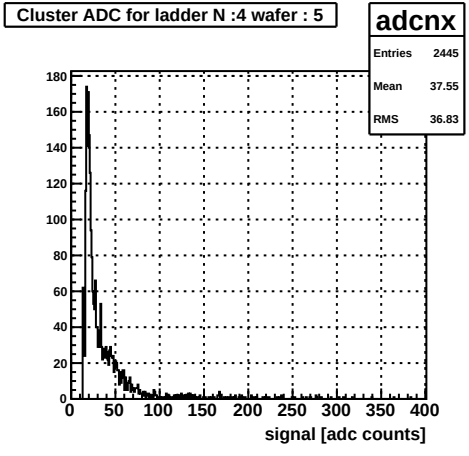

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2618
Mean 28.67
RMS 26.82
signal [adc counts]

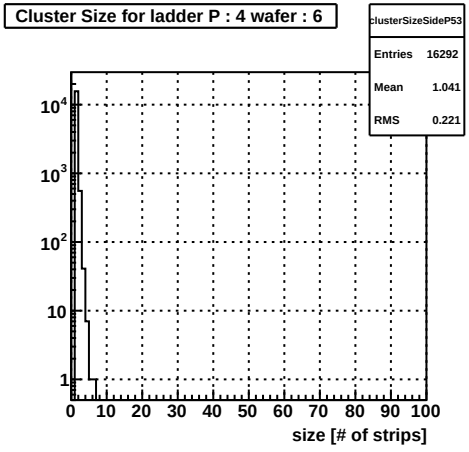

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5333
Mean 1.035
RMS 0.2305
size [# of strips]

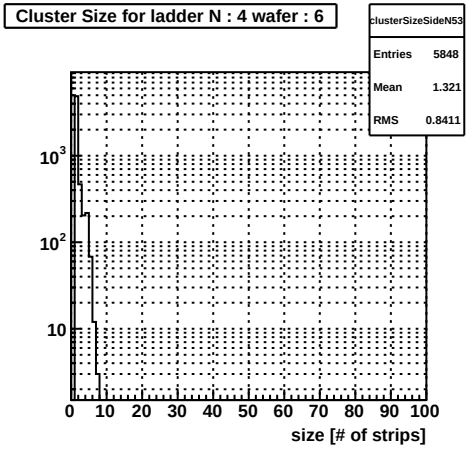

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2445
Mean 1.368
RMS 0.6907
size [# of strips]

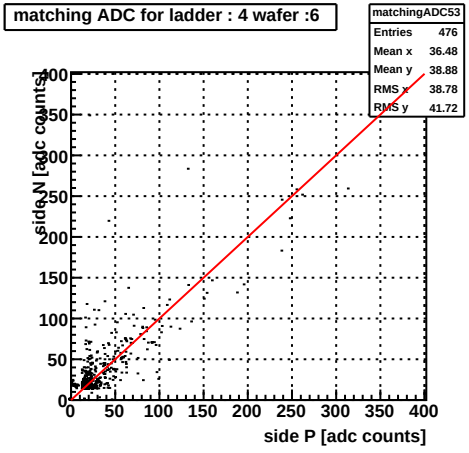

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 409
Mean x 63.39
Mean y 63.42
RMS x 66.55
RMS y 55.64
side N [adc counts]
side P [adc counts]

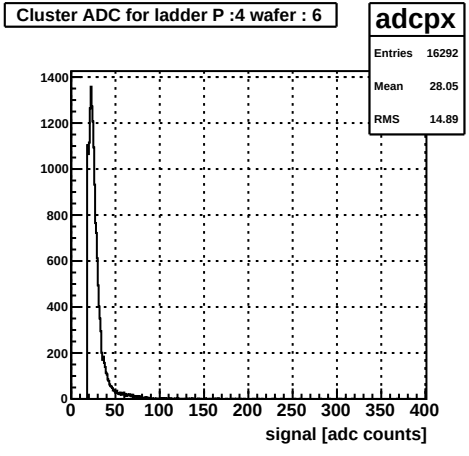

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5333
Mean 29.78
RMS 26.7
signal [adc counts]

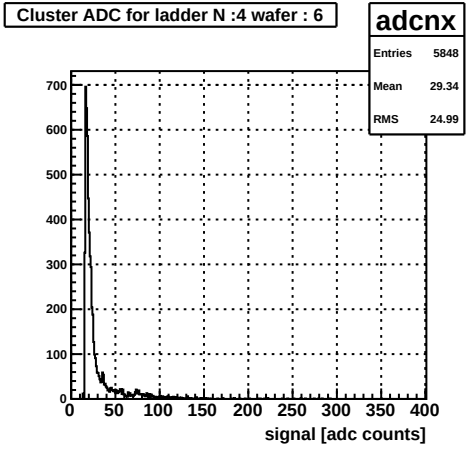

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2445
Mean 37.55
RMS 36.83
signal [adc counts]

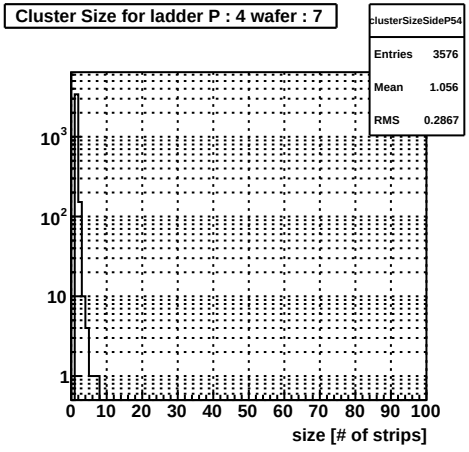

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16292
Mean 1.041
RMS 0.221
size [# of strips]

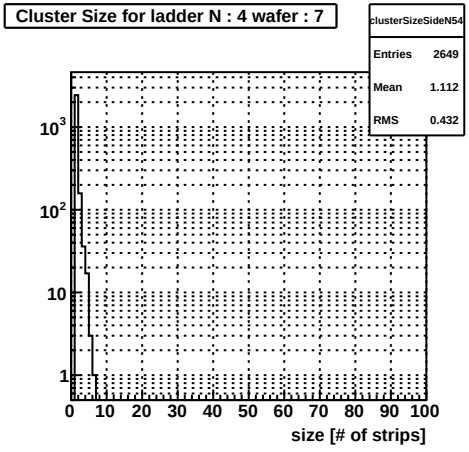

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5848
Mean 1.321
RMS 0.8411
size [# of strips]

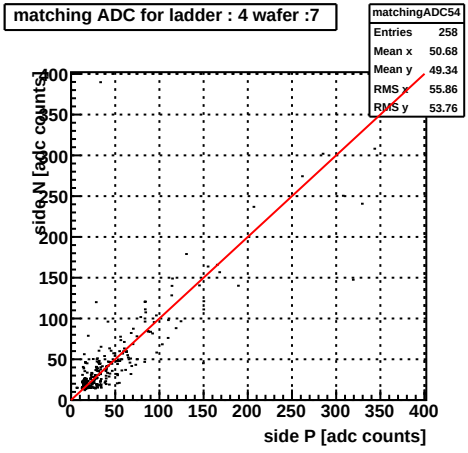

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 476
Mean x 36.48
Mean y 38.88
RMS x 38.78
RMS y 41.72
side N [adc counts]
side P [adc counts]

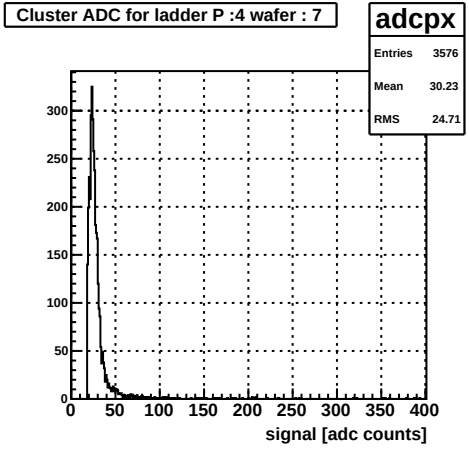

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16292
Mean 28.05
RMS 14.89
signal [adc counts]

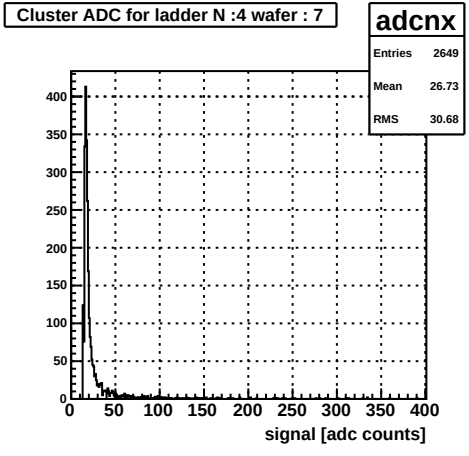

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5848
Mean 29.34
RMS 24.99
signal [adc counts]

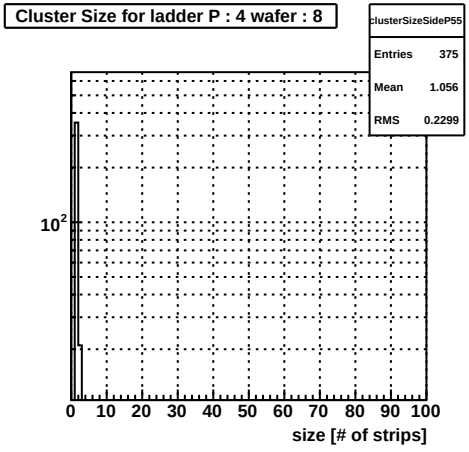

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3576
Mean 1.056
RMS 0.2867
size [# of strips]

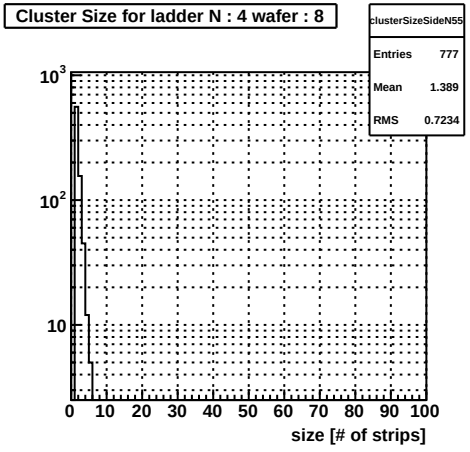

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2649
Mean 1.112
RMS 0.432
size [# of strips]

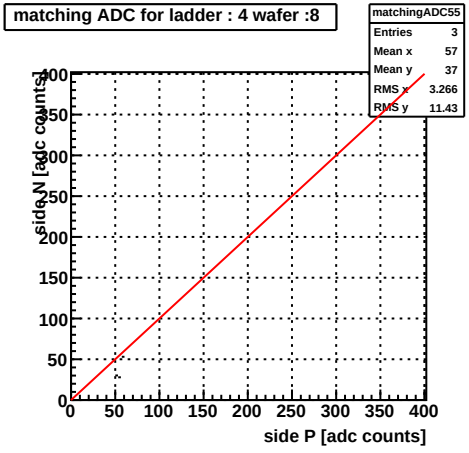

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 258
Mean x 50.68
Mean y 49.34
RMS x 55.86
RMS y 53.76
side N [adc counts]
side P [adc counts]

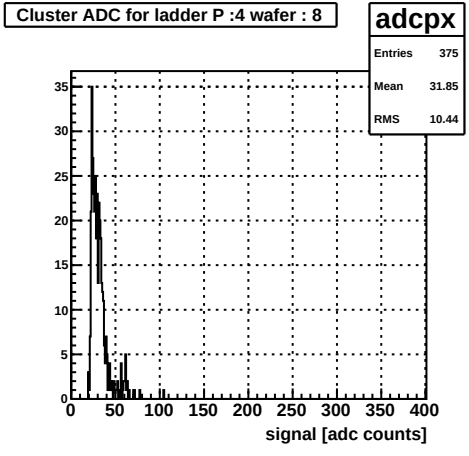

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3576
Mean 30.23
RMS 24.71
signal [adc counts]

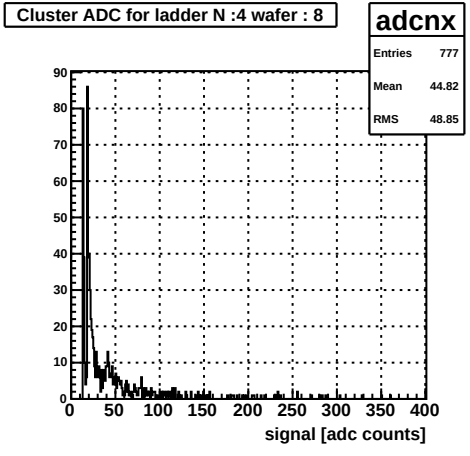

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2649
Mean 26.73
RMS 30.68
signal [adc counts]

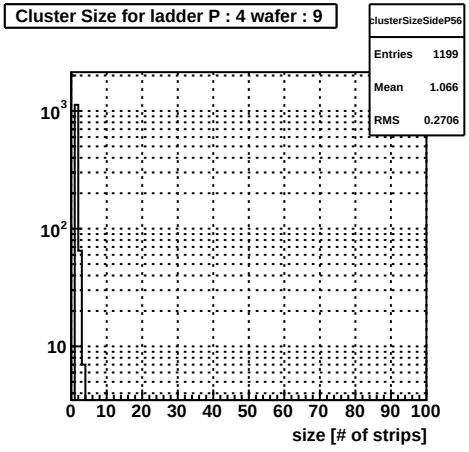

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 375
Mean 1.056
RMS 0.2299
size [# of strips]

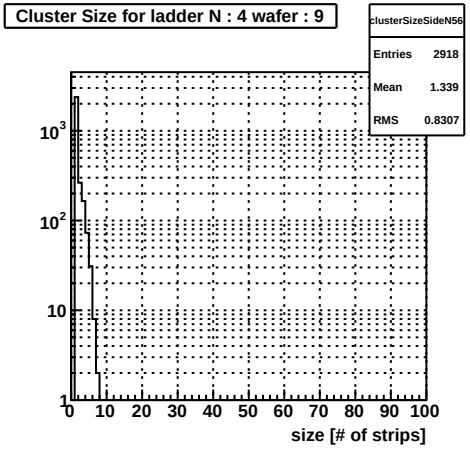

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 777
Mean 1.389
RMS 0.7234
size [# of strips]

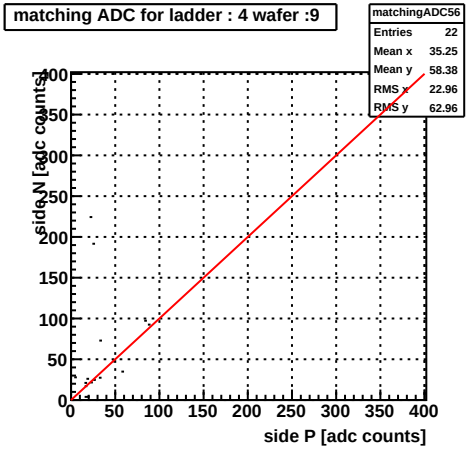

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 57
Mean y 37
RMS x 3.266
RMS y 11.43
side N [adc counts]
side P [adc counts]

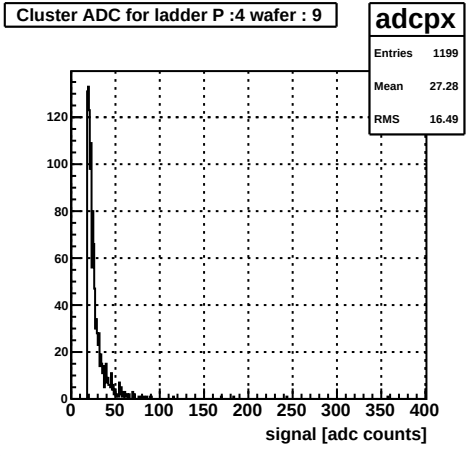

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 375
Mean 31.85
RMS 10.44
signal [adc counts]

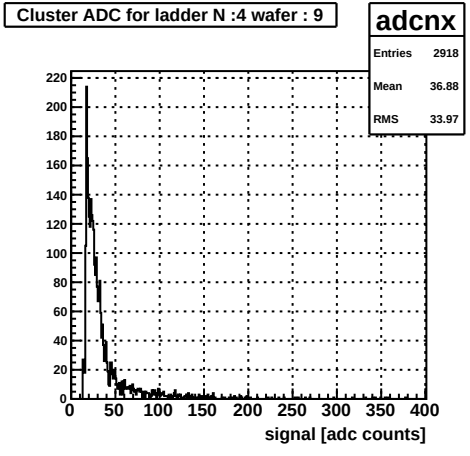

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 777
Mean 44.82
RMS 48.85
signal [adc counts]

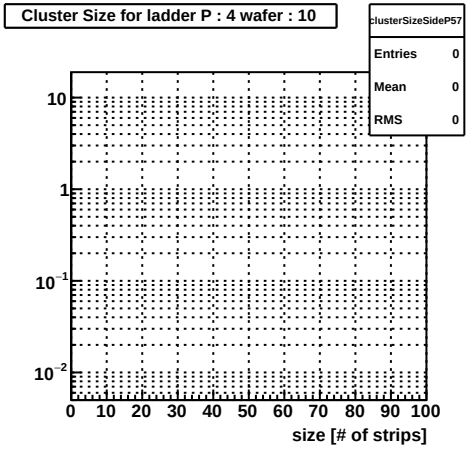

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1199
Mean 1.066
RMS 0.2706
size [# of strips]

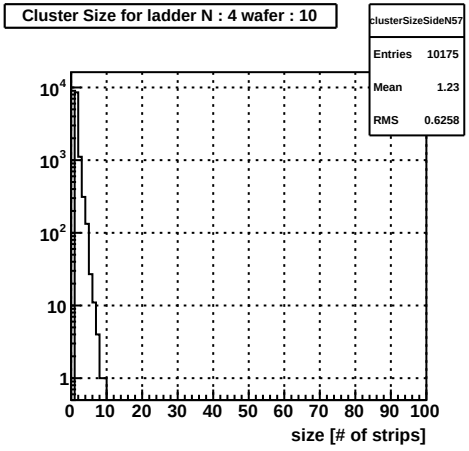

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2918
Mean 1.339
RMS 0.8307
size [# of strips]

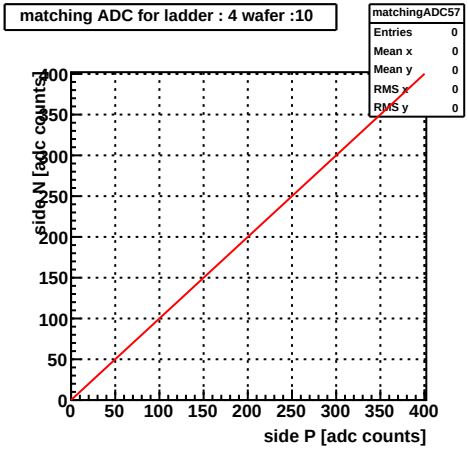

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 22
Mean x 35.25
Mean y 58.38
RMS x 22.96
RMS y 62.96
side N [adc counts]
side P [adc counts]

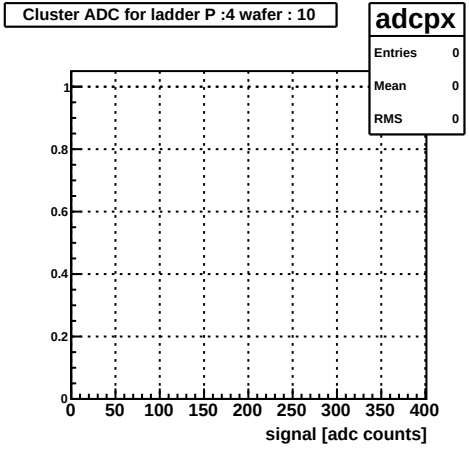

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1199
Mean 27.28
RMS 16.49
signal [adc counts]

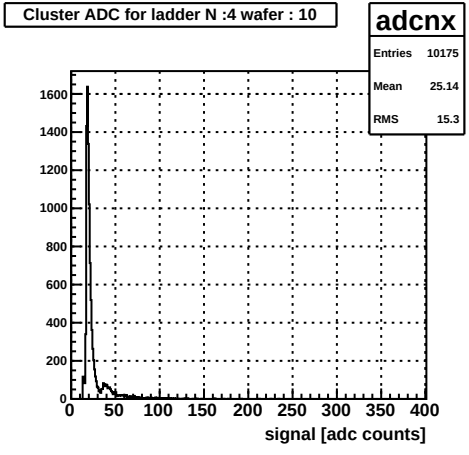

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2918
Mean 36.88
RMS 33.97
signal [adc counts]

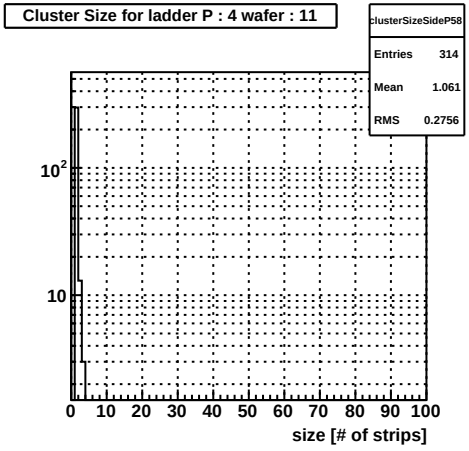

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

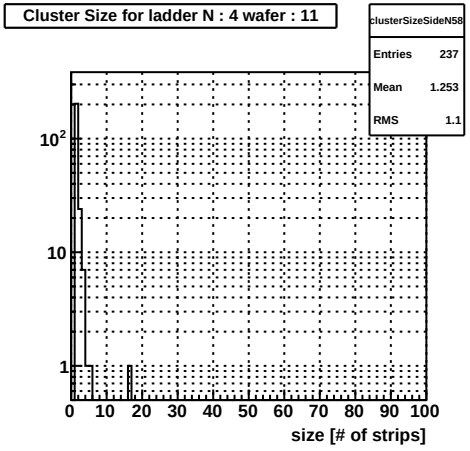

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10175
Mean 1.23
RMS 0.6258
size [# of strips]

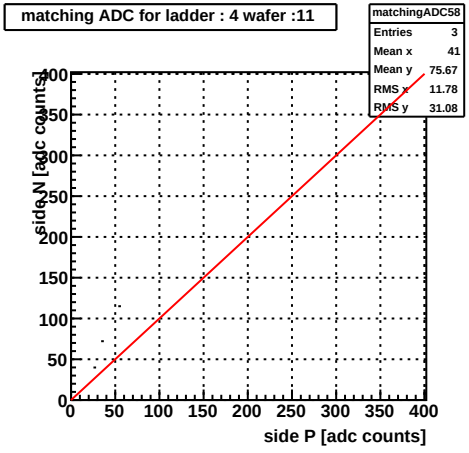

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

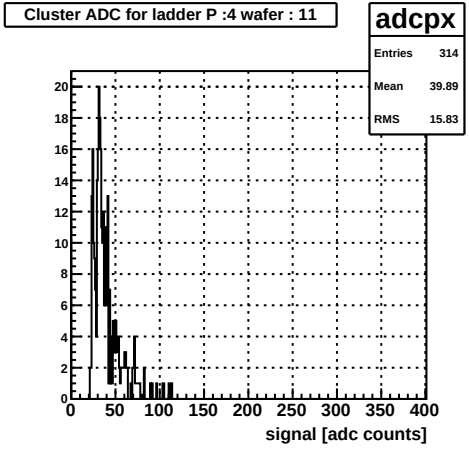

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

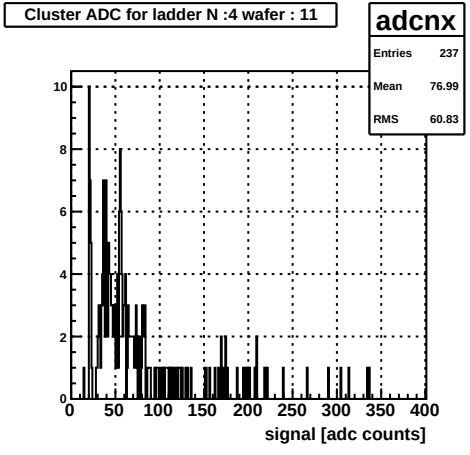

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10175
Mean 25.14
RMS 15.3
signal [adc counts]

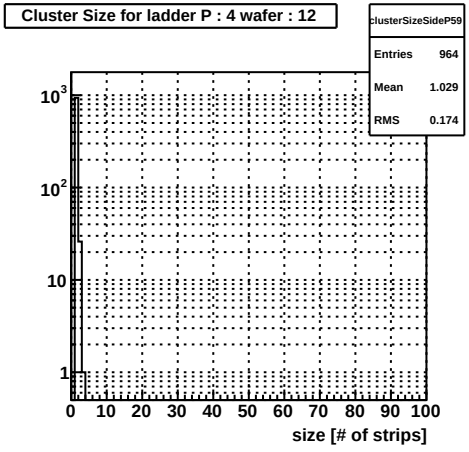

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 314
Mean 1.061
RMS 0.2756
size [# of strips]

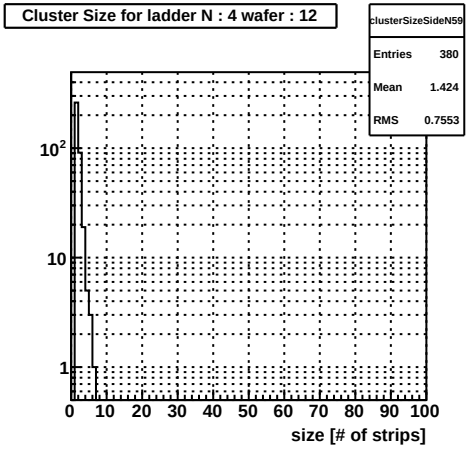

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 237
Mean 1.253
RMS 1.1
size [# of strips]

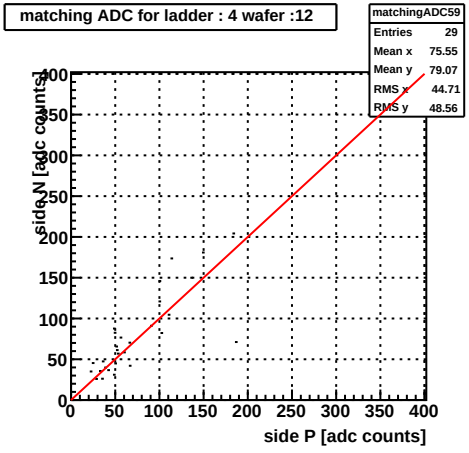

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 41
Mean y 75.67
RMS x 11.78
RMS y 31.08
side N [adc counts]
side P [adc counts]

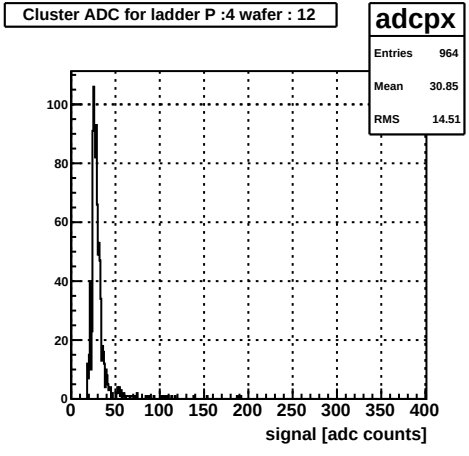

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 314
Mean 39.89
RMS 15.83
signal [adc counts]

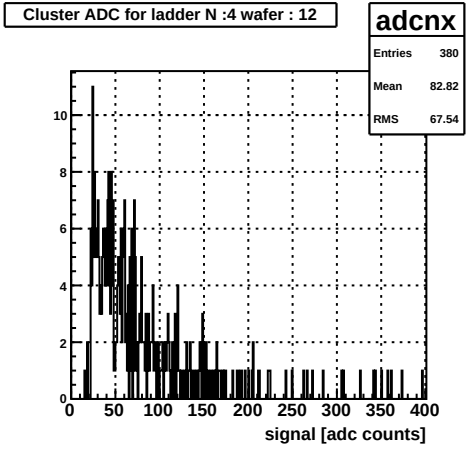

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 237
Mean 76.99
RMS 60.83
signal [adc counts]

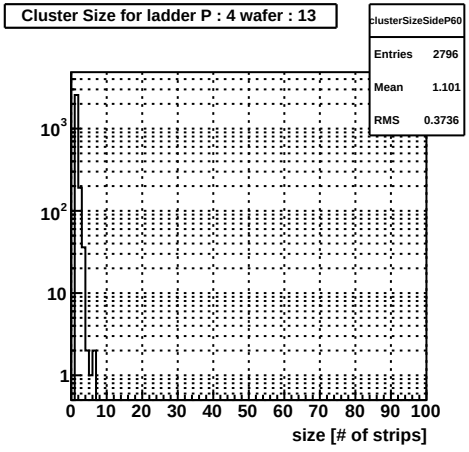

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 964
Mean 1.029
RMS 0.174
size [# of strips]

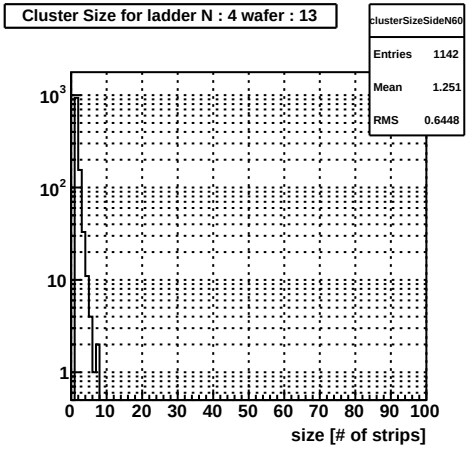

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 380
Mean 1.424
RMS 0.7553
size [# of strips]

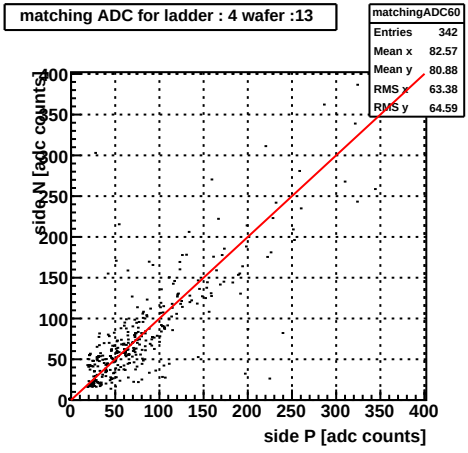

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 29
Mean x 75.55
Mean y 79.07
RMS x 44.71
RMS y 48.56
side N [adc counts]
side P [adc counts]

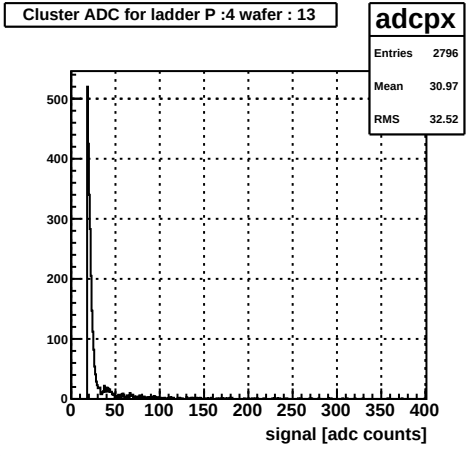

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 964
Mean 30.85
RMS 14.51
signal [adc counts]

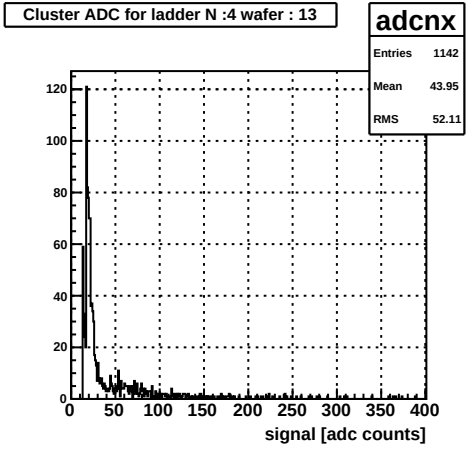

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 380
Mean 82.82
RMS 67.54
signal [adc counts]

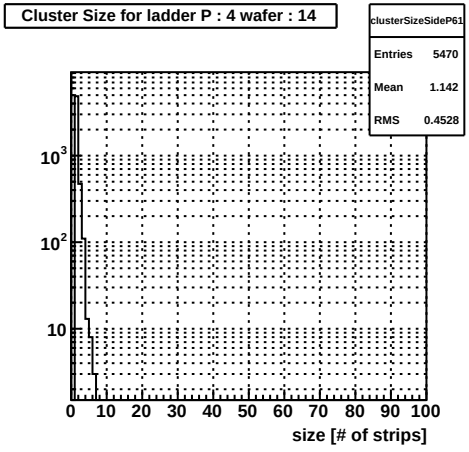

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2796
Mean 1.101
RMS 0.3736
size [# of strips]

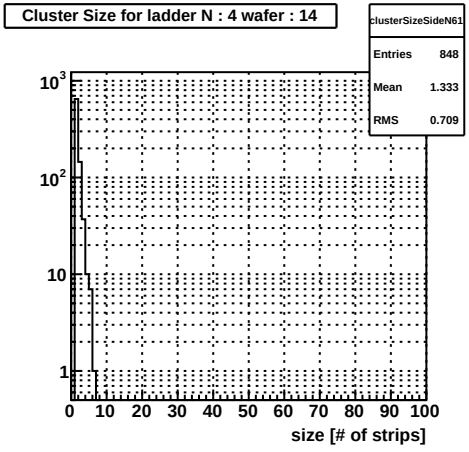

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1142
Mean 1.251
RMS 0.6448
size [# of strips]

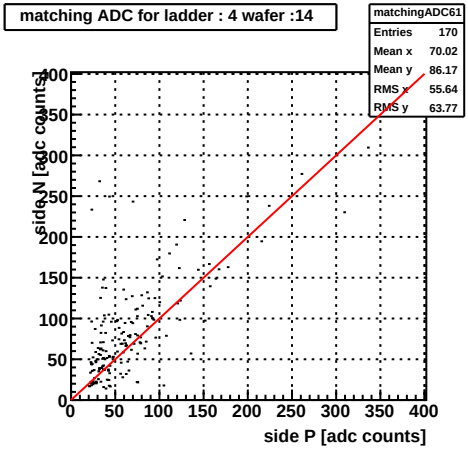

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 342
Mean x 82.57
Mean y 80.88
RMS x 63.38
RMS y 64.59
side N [adc counts]
side P [adc counts]

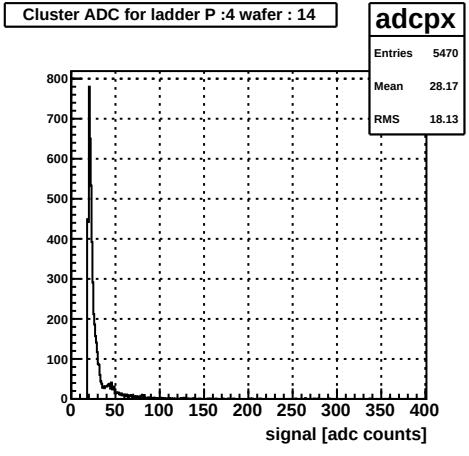

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2796
Mean 30.97
RMS 32.52
signal [adc counts]

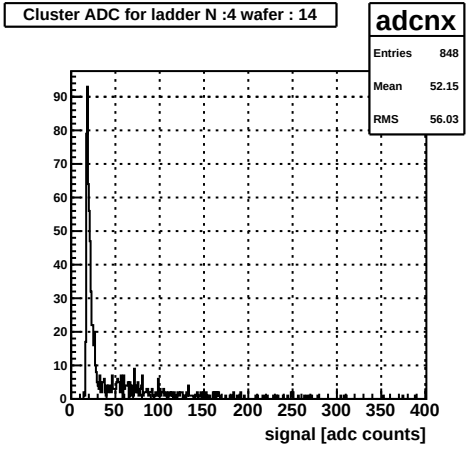

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1142
Mean 43.95
RMS 52.11
signal [adc counts]

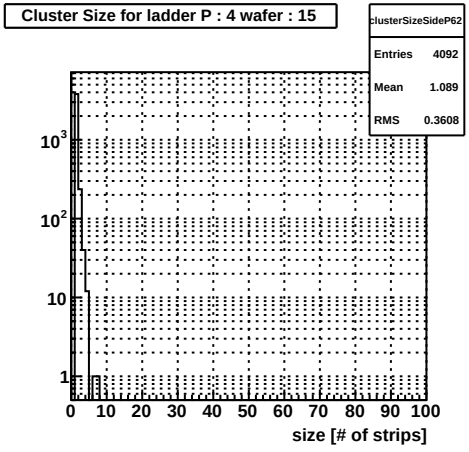

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5470
Mean 1.142
RMS 0.4528
size [# of strips]

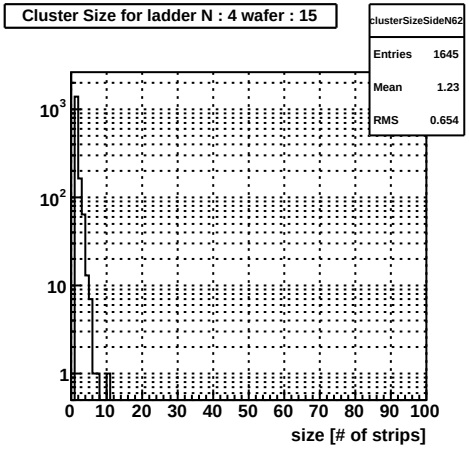

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 848
Mean 1.333
RMS 0.709
size [# of strips]

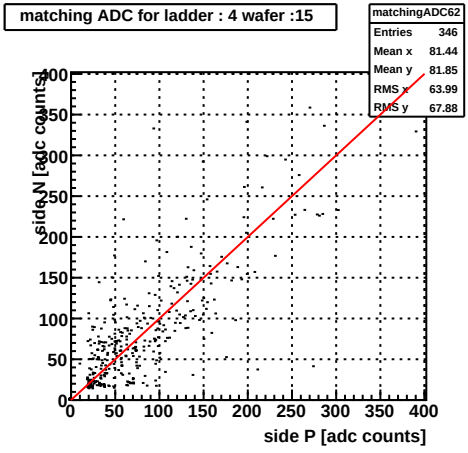

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 170
Mean x 70.02
Mean y 86.17
RMS x 55.64
RMS y 63.77
side N [adc counts]
side P [adc counts]

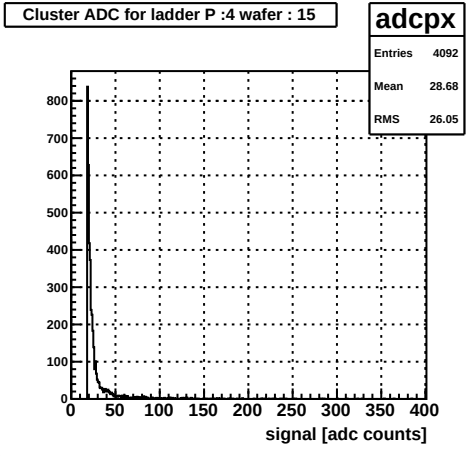

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5470
Mean 28.17
RMS 18.13
signal [adc counts]

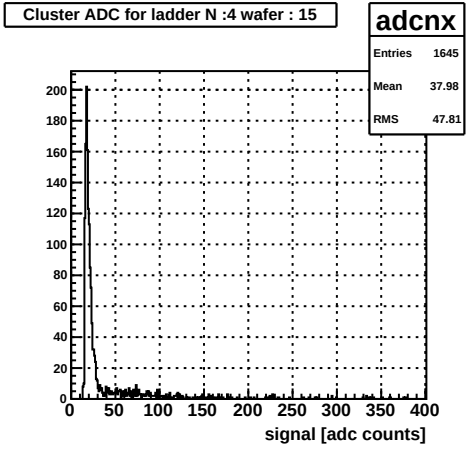

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 848
Mean 52.15
RMS 56.03
signal [adc counts]

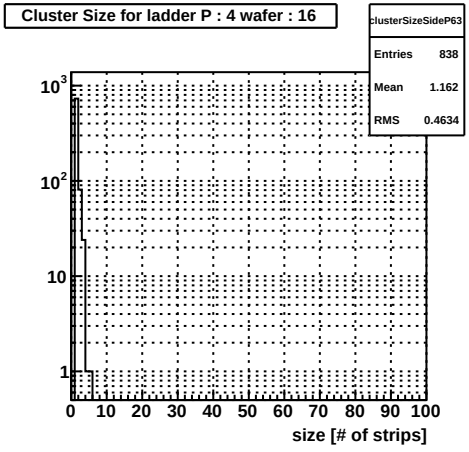

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4092
Mean 1.089
RMS 0.3608
size [# of strips]

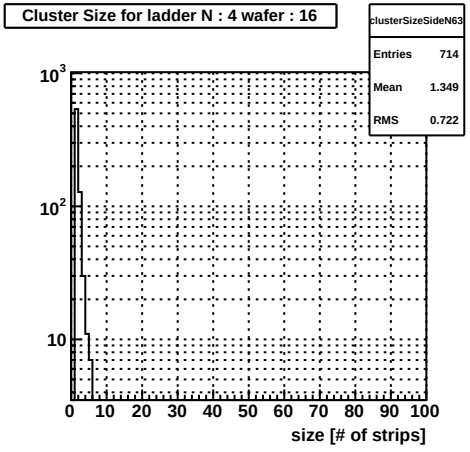

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1645
Mean 1.23
RMS 0.654
size [# of strips]

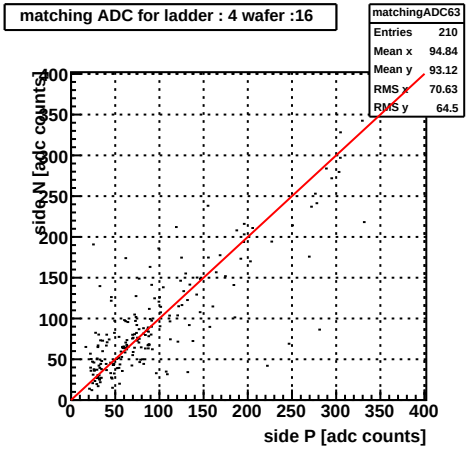

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 346
Mean x 81.44
Mean y 81.85
RMS x 63.99
RMS y 67.88
side N [adc counts]
side P [adc counts]

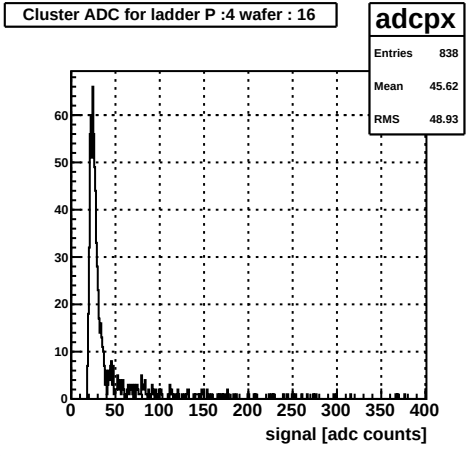

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4092
Mean 28.68
RMS 26.05
signal [adc counts]

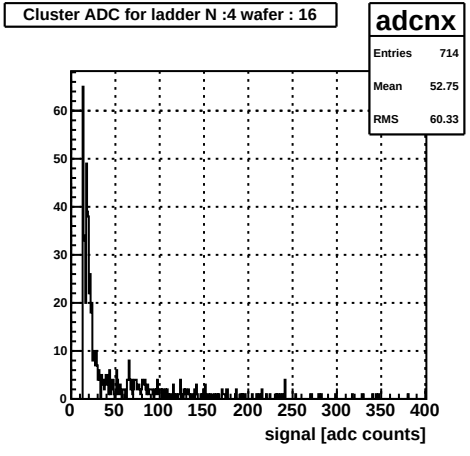

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1645
Mean 37.98
RMS 47.81
signal [adc counts]

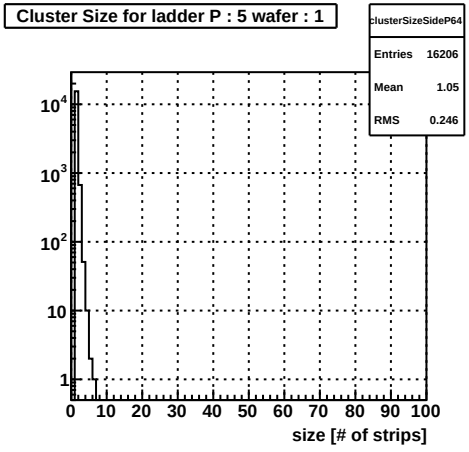

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 838
Mean 1.162
RMS 0.4634
size [# of strips]

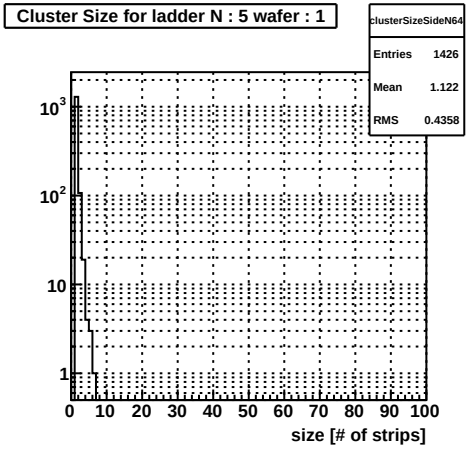

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 714
Mean 1.349
RMS 0.722
size [# of strips]

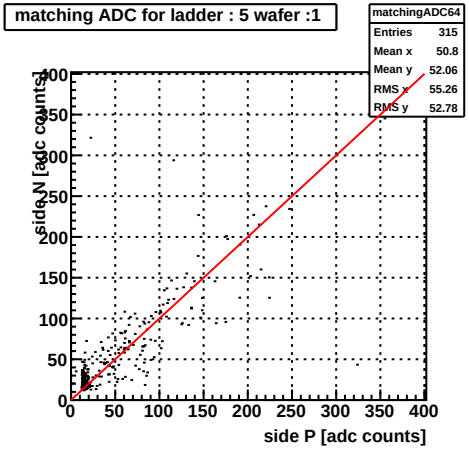

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 210
Mean x 94.84
Mean y 93.12
RMS x 70.63
RMS y 64.5
side N [adc counts]
side P [adc counts]

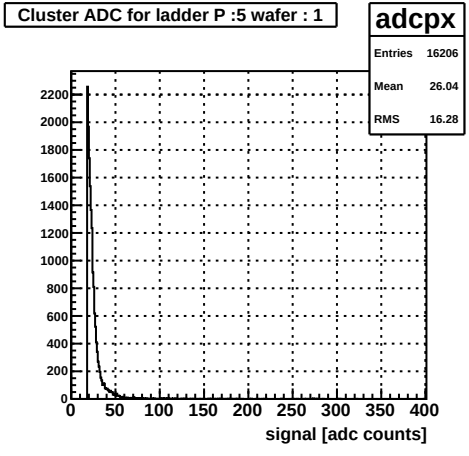

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 838
Mean 45.62
RMS 48.93
signal [adc counts]

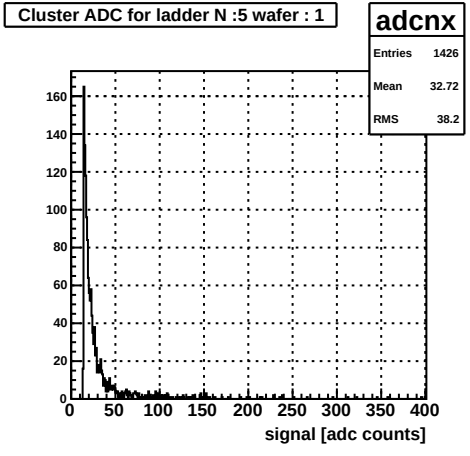

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 714
Mean 52.75
RMS 60.33
signal [adc counts]

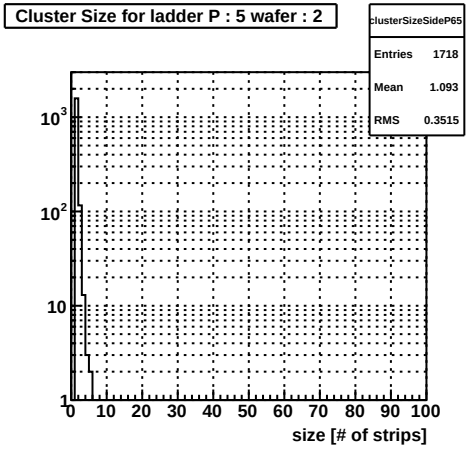

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 16206
Mean 1.05
RMS 0.246
size [# of strips]

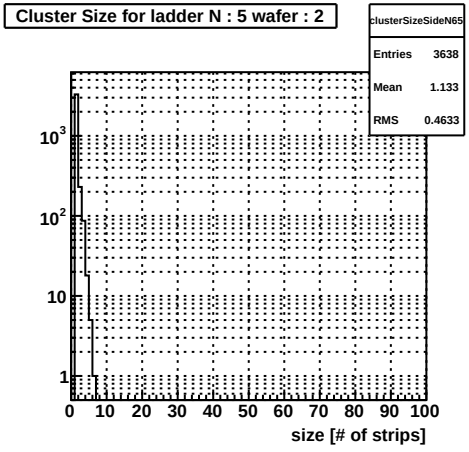

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1426
Mean 1.122
RMS 0.4358
size [# of strips]

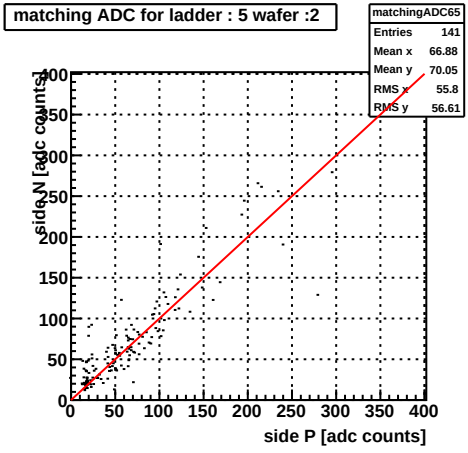

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 315
Mean x 50.8
Mean y 52.06
RMS x 55.26
RMS y 52.78
side N [adc counts]
side P [adc counts]

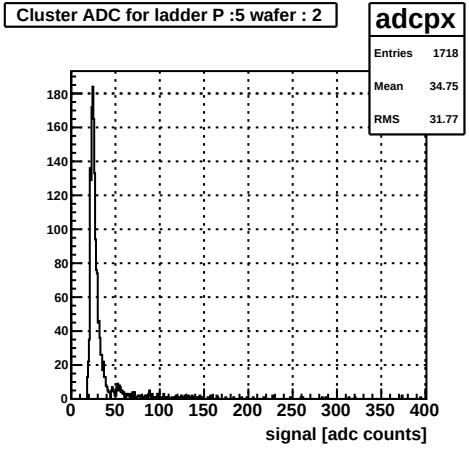

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 16206
Mean 26.04
RMS 16.28
signal [adc counts]

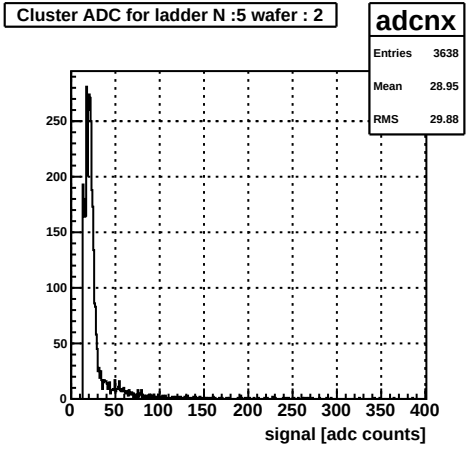

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1426
Mean 32.72
RMS 38.2
signal [adc counts]

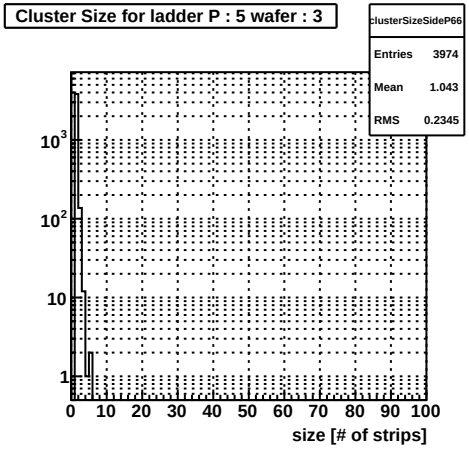

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1718
Mean 1.093
RMS 0.3515
size [# of strips]

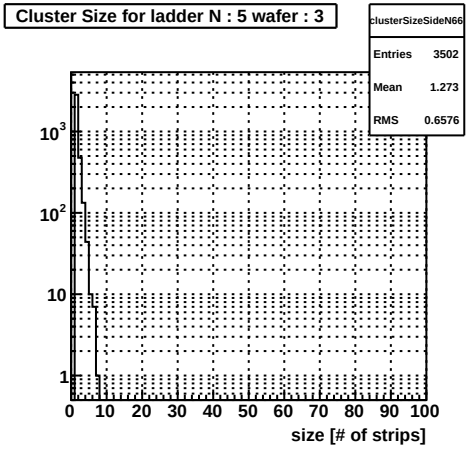

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3638
Mean 1.133
RMS 0.4633
size [# of strips]

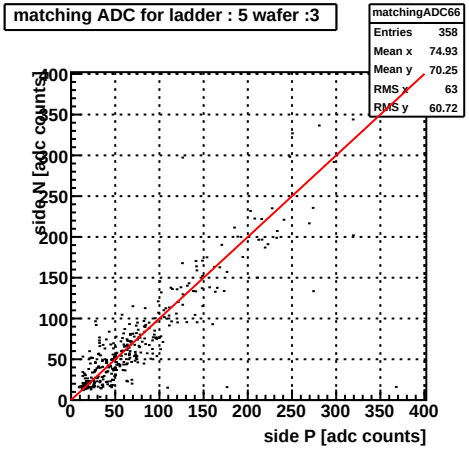

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 141
Mean x 66.88
Mean y 70.05
RMS x 55.8
RMS y 56.61
side N [adc counts]
side P [adc counts]

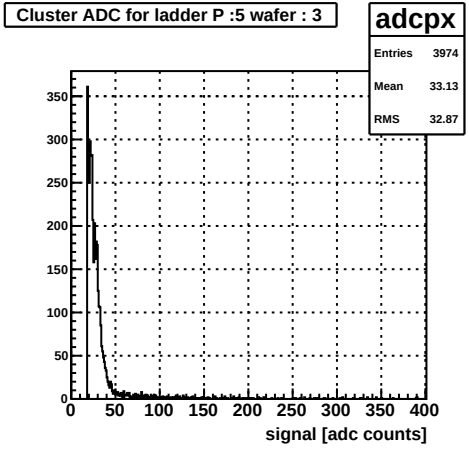

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1718
Mean 34.75
RMS 31.77
signal [adc counts]

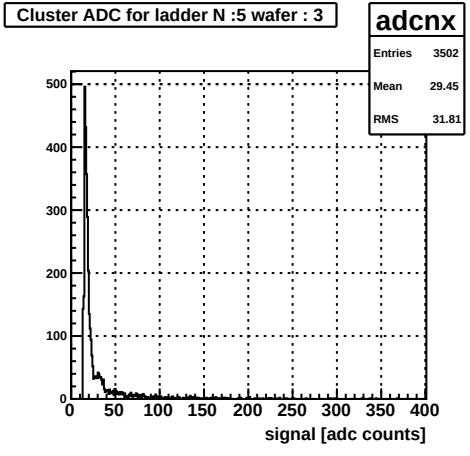

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3638
Mean 28.95
RMS 29.88
signal [adc counts]

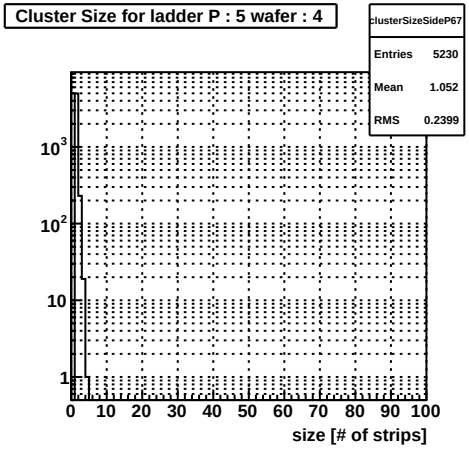

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3974
Mean 1.043
RMS 0.2345
size [# of strips]

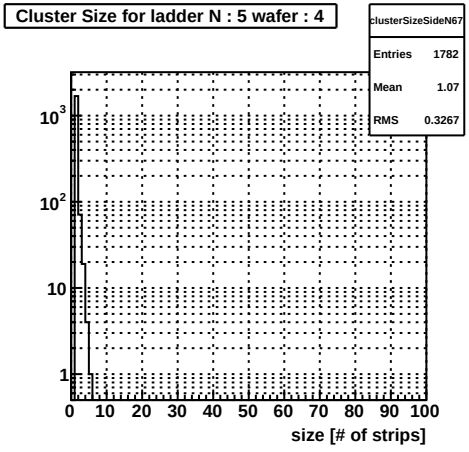

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3502
Mean 1.273
RMS 0.6576
size [# of strips]

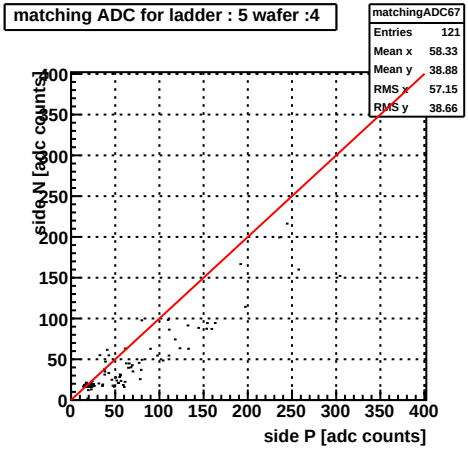

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 358
Mean x 74.93
Mean y 70.25
RMS x 63
RMS y 60.72
side N [adc counts]
side P [adc counts]

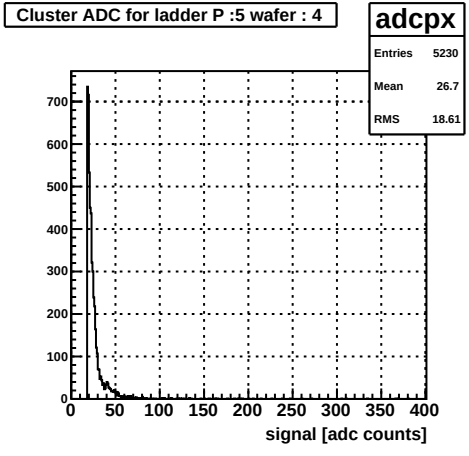

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3974
Mean 33.13
RMS 32.87
signal [adc counts]

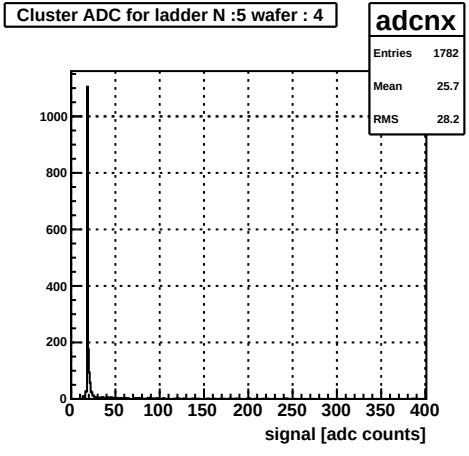

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3502
Mean 29.45
RMS 31.81
signal [adc counts]

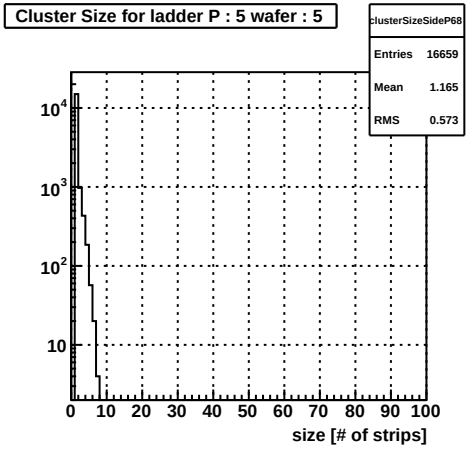

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 5230
Mean 1.052
RMS 0.2399
size [# of strips]

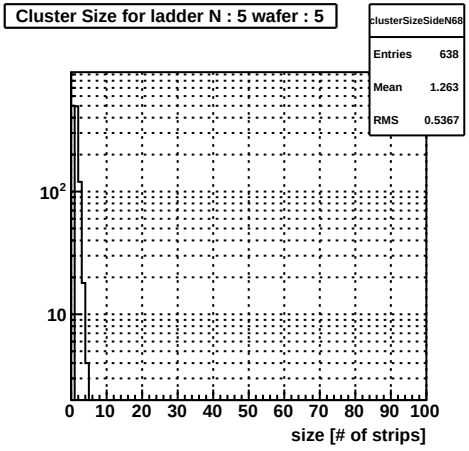

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1782
Mean 1.07
RMS 0.3267
size [# of strips]

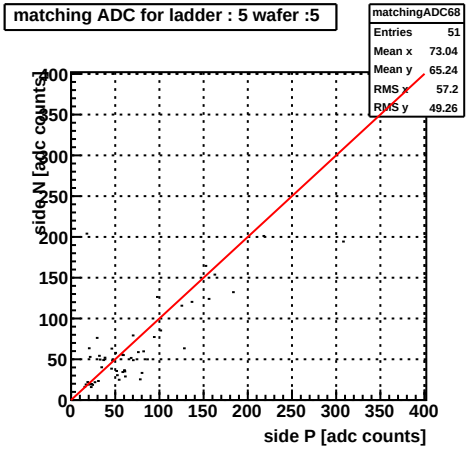

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 121
Mean x 58.33
Mean y 38.88
RMS x 57.15
RMS y 38.66
side N [adc counts]
side P [adc counts]

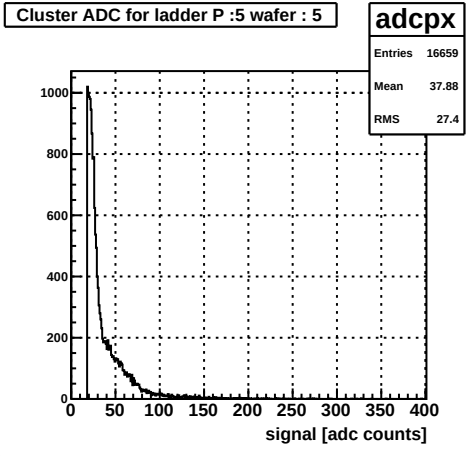

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 5230
Mean 26.7
RMS 18.61
signal [adc counts]

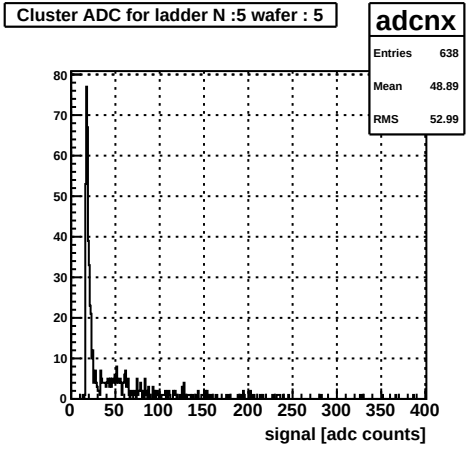

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1782
Mean 25.7
RMS 28.2
signal [adc counts]

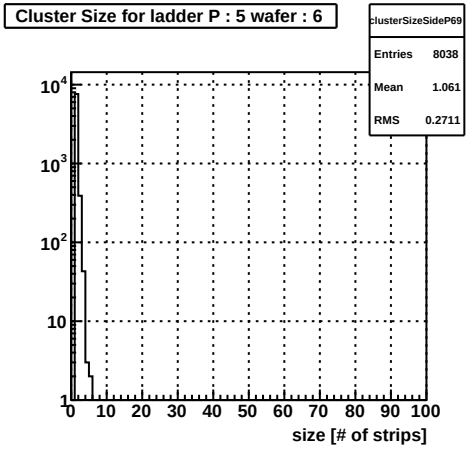

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 16659
Mean 1.165
RMS 0.573
size [# of strips]

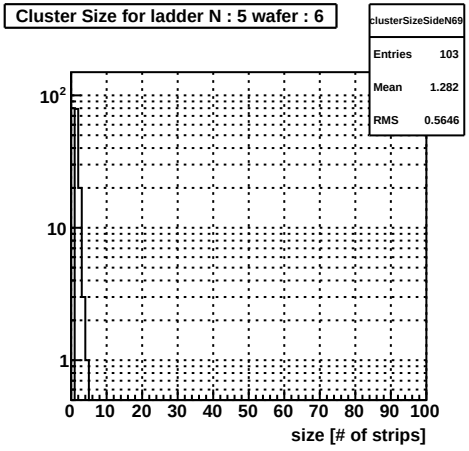

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 638
Mean 1.263
RMS 0.5367
size [# of strips]

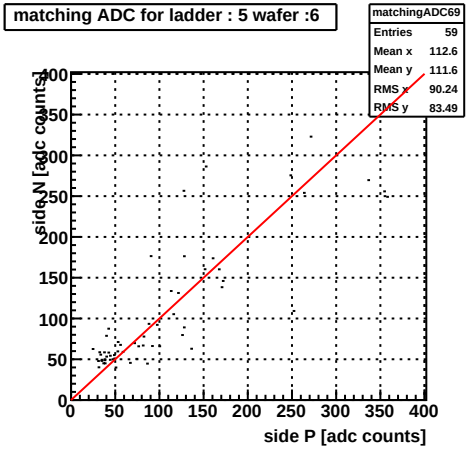

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 51
Mean x 73.04
Mean y 65.24
RMS x 57.2
RMS y 49.26
side N [adc counts]
side P [adc counts]

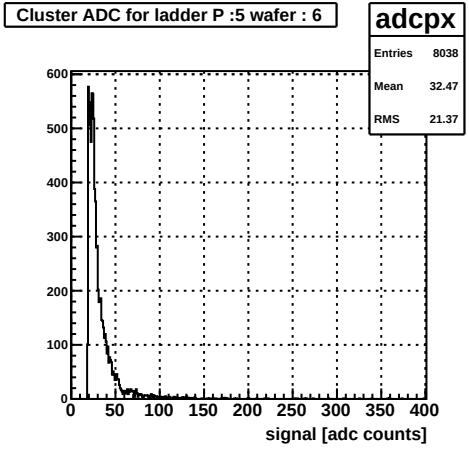

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 16659
Mean 37.88
RMS 27.4
signal [adc counts]

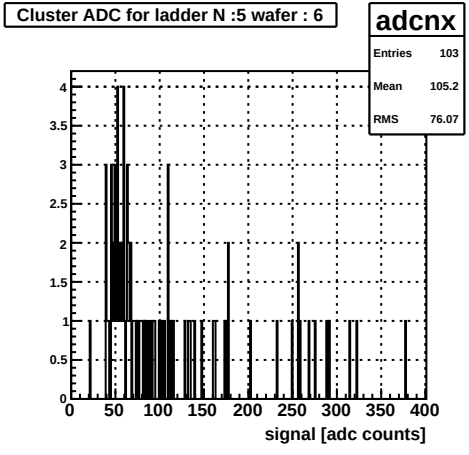

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 638
Mean 48.89
RMS 52.99
signal [adc counts]

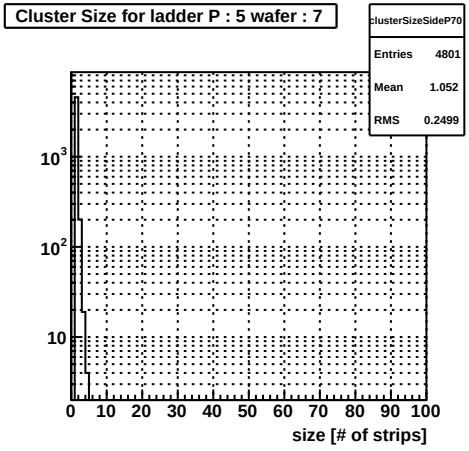

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8038
Mean 1.061
RMS 0.2711
size [# of strips]

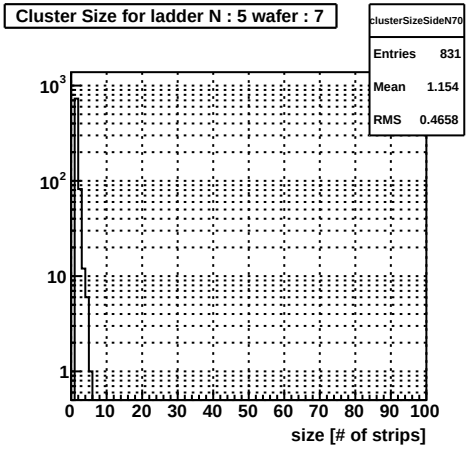

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 103
Mean 1.282
RMS 0.5646
size [# of strips]

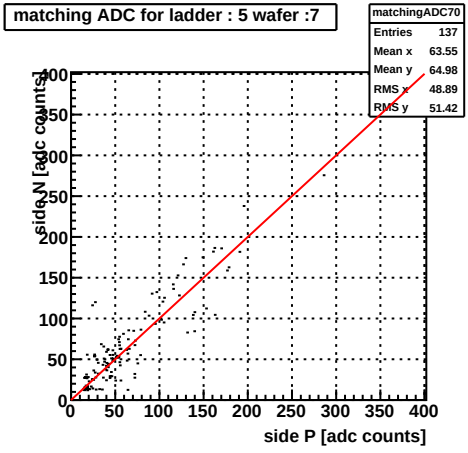

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 59
Mean x 112.6
Mean y 111.6
RMS x 90.24
RMS y 83.49
side N [adc counts]
side P [adc counts]

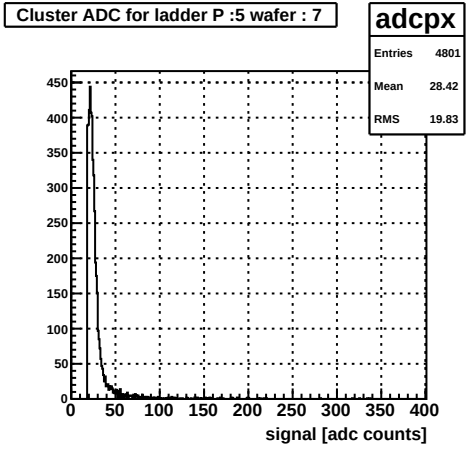

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8038
Mean 32.47
RMS 21.37
signal [adc counts]

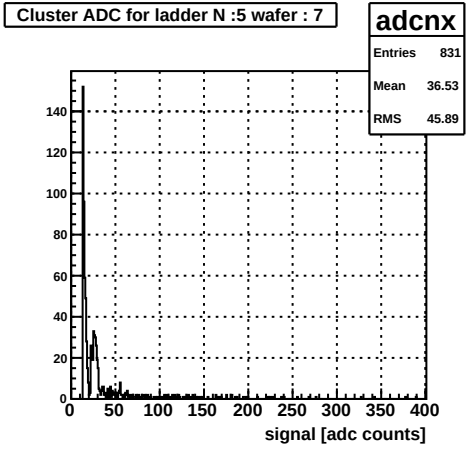

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 103
Mean 105.2
RMS 76.07
signal [adc counts]

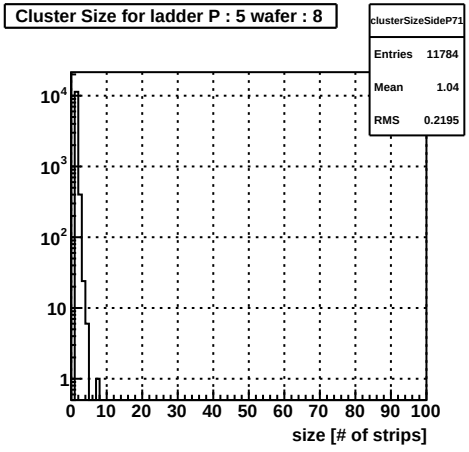

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 4801
Mean 1.052
RMS 0.2499
size [# of strips]

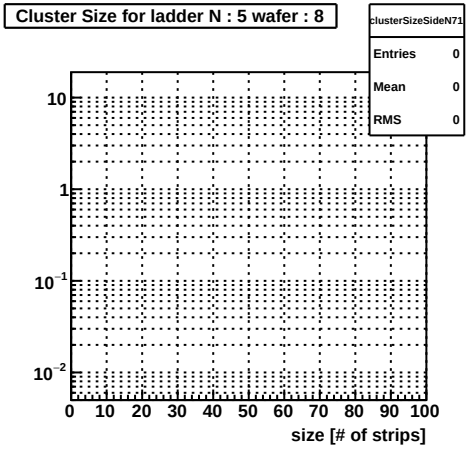

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 831
Mean 1.154
RMS 0.4658
size [# of strips]

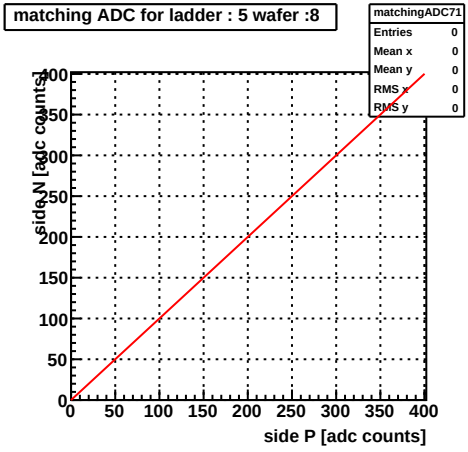

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 137
Mean x 63.55
Mean y 64.98
RMS x 48.89
RMS y 51.42
side N [adc counts]
side P [adc counts]

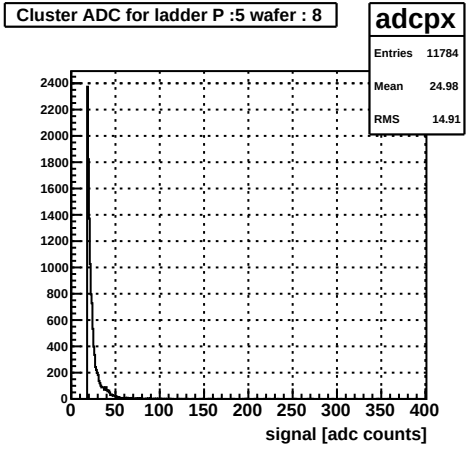

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 4801
Mean 28.42
RMS 19.83
signal [adc counts]

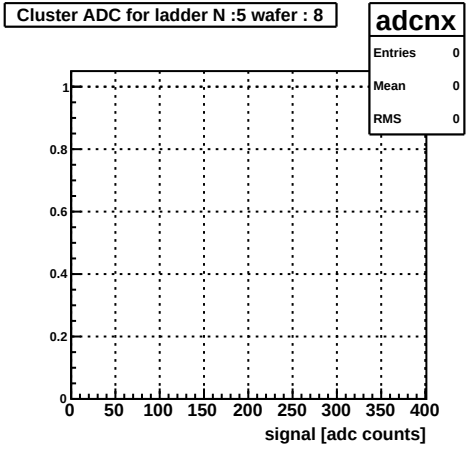

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 831
Mean 36.53
RMS 45.89
signal [adc counts]

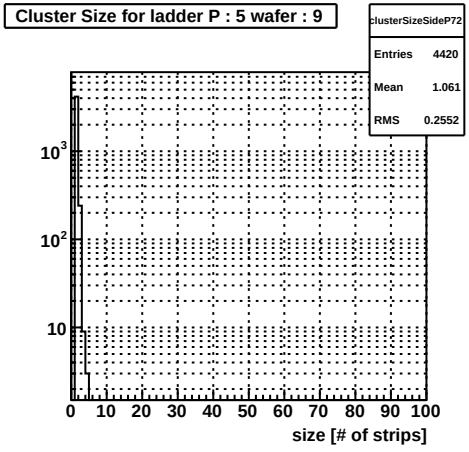

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 11784
Mean 1.04
RMS 0.2195
size [# of strips]

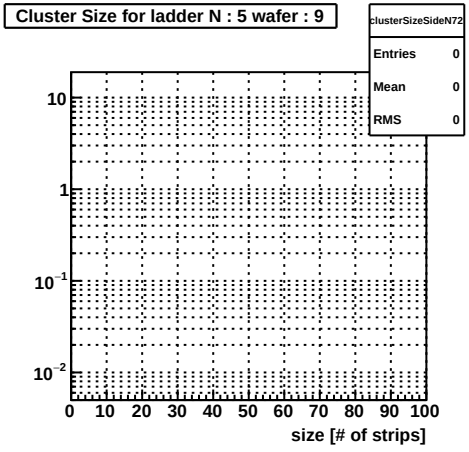

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

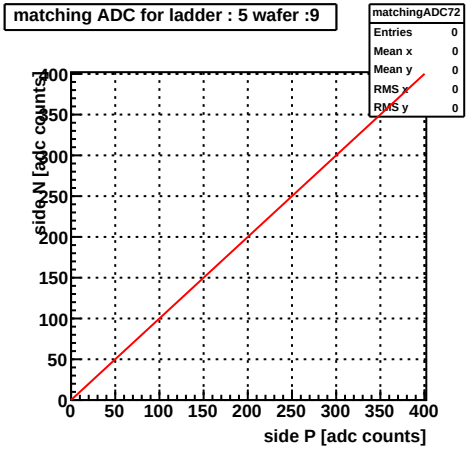

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

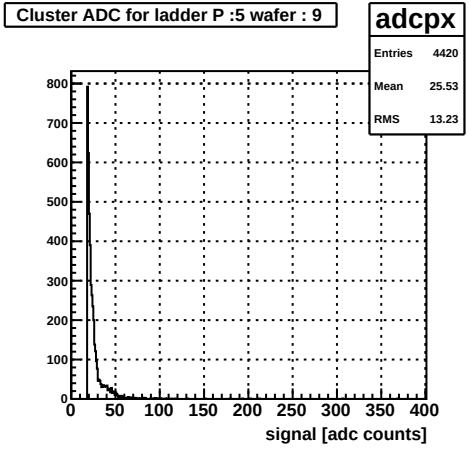

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 11784
Mean 24.98
RMS 14.91
signal [adc counts]

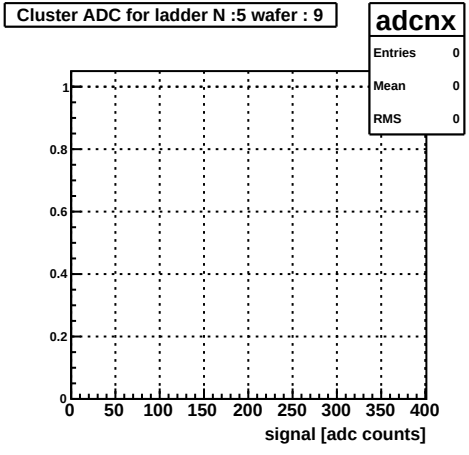

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

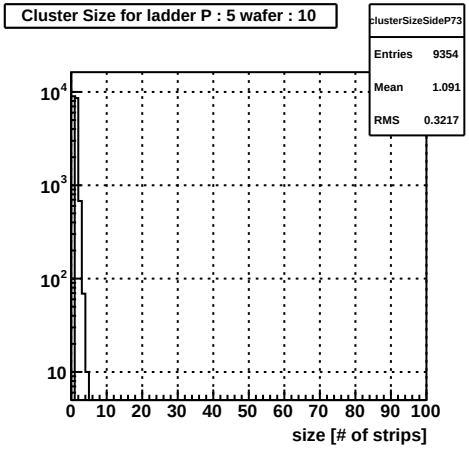

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4420
Mean 1.061
RMS 0.2552
size [# of strips]

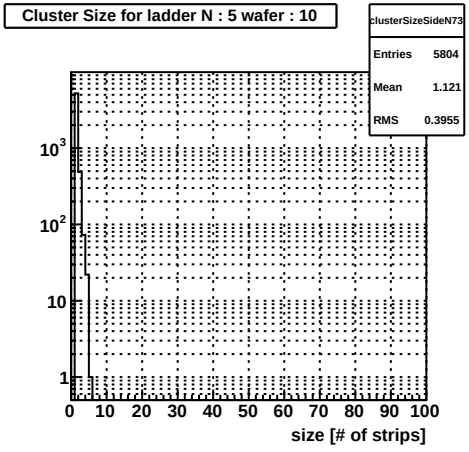

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

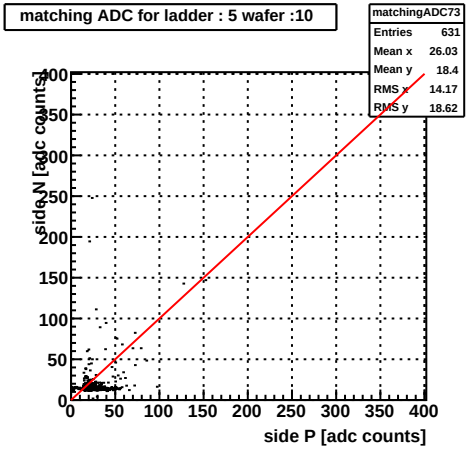

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

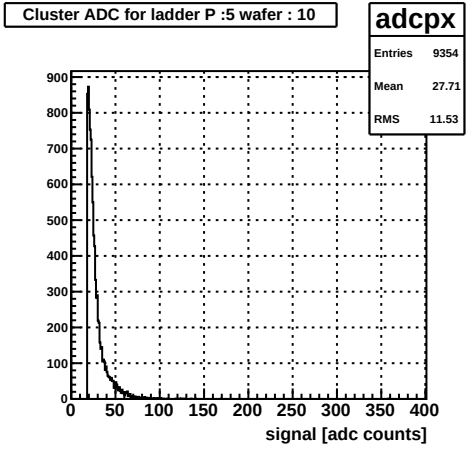

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4420
Mean 25.53
RMS 13.23
signal [adc counts]

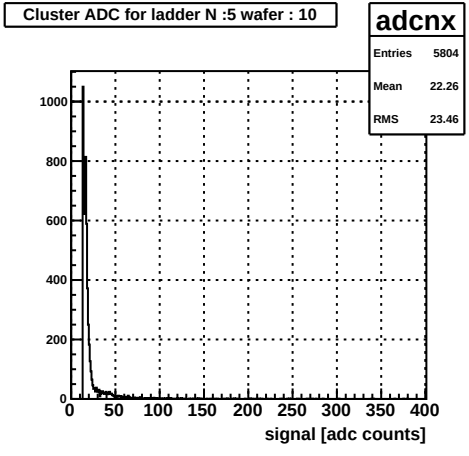

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

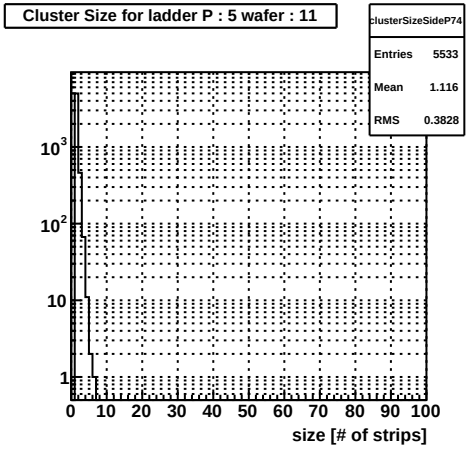

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9354
Mean 1.091
RMS 0.3217
size [# of strips]

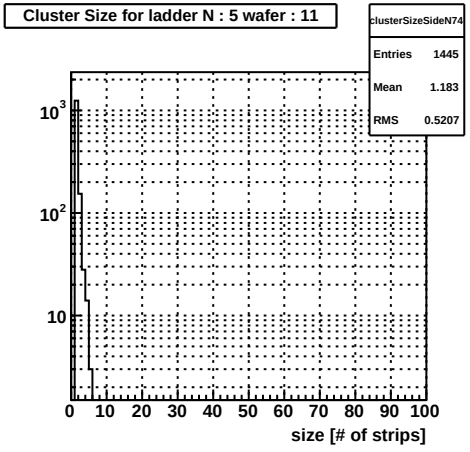

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5804
Mean 1.121
RMS 0.3955
size [# of strips]

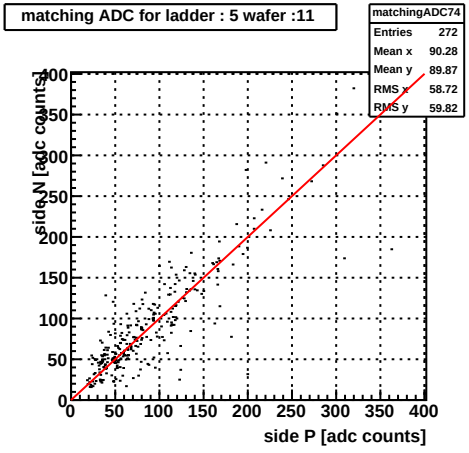

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 631
Mean x 26.03
Mean y 18.4
RMS x 14.17
RMS y 18.62
side N [adc counts]
side P [adc counts]

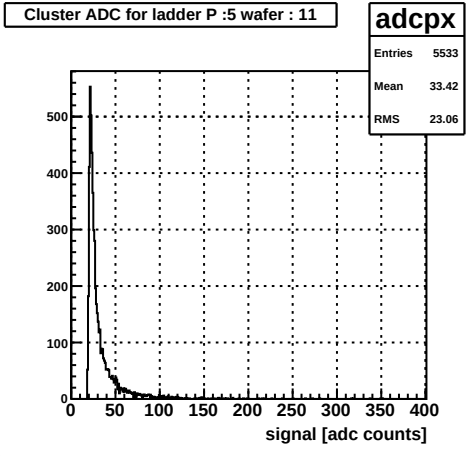

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9354
Mean 27.71
RMS 11.53
signal [adc counts]

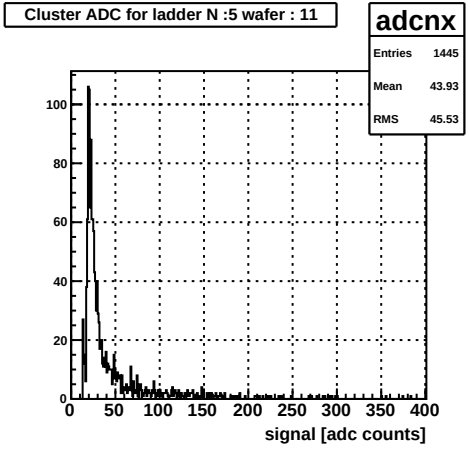

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5804
Mean 22.26
RMS 23.46
signal [adc counts]

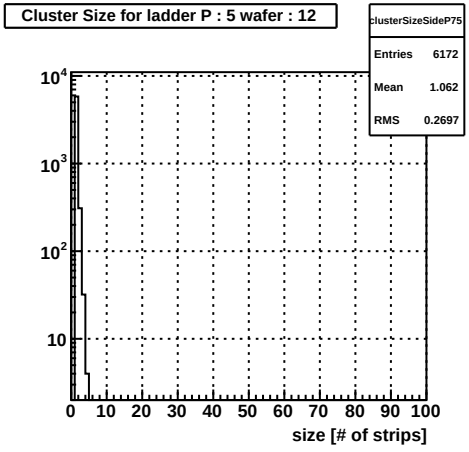

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5533
Mean 1.116
RMS 0.3828
size [# of strips]

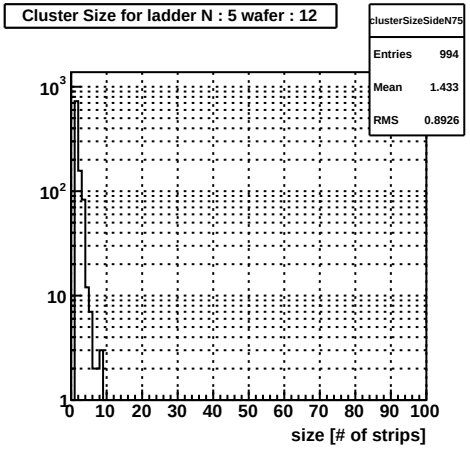

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1445
Mean 1.183
RMS 0.5207
size [# of strips]

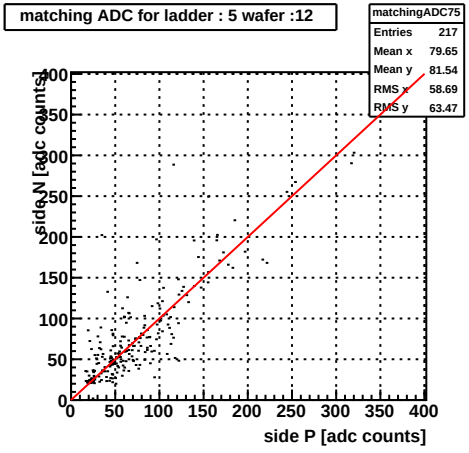

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 272
Mean x 90.28
Mean y 89.87
RMS x 58.72
RMS y 59.82
side N [adc counts]
side P [adc counts]

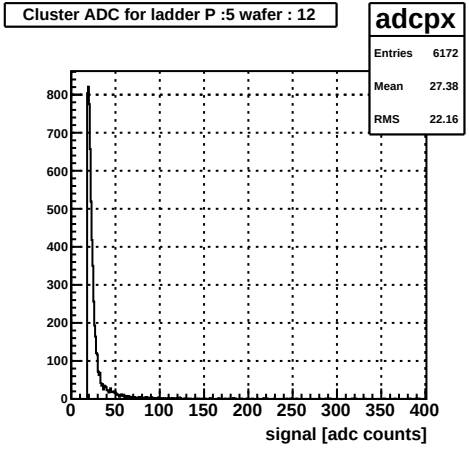

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5533
Mean 33.42
RMS 23.06
signal [adc counts]

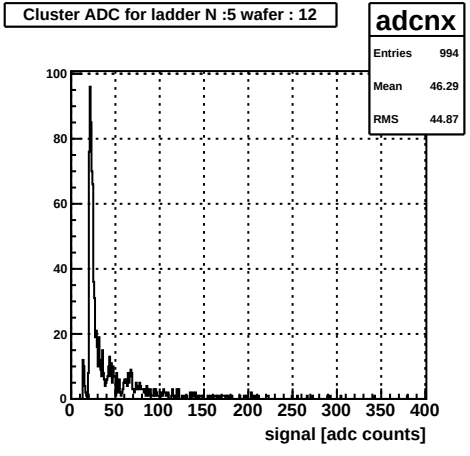

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1445
Mean 43.93
RMS 45.53
signal [adc counts]

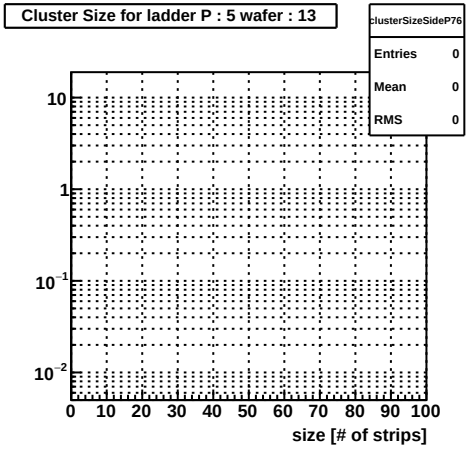

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6172
Mean 1.062
RMS 0.2697
size [# of strips]

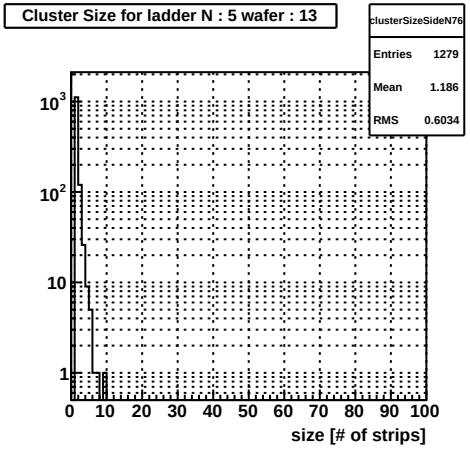

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 994
Mean 1.433
RMS 0.8926
size [# of strips]

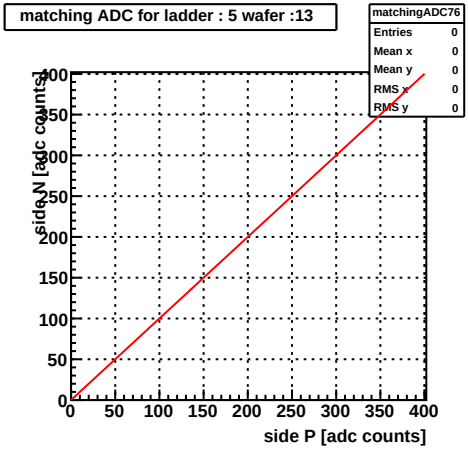

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 217
Mean x 79.65
Mean y 81.54
RMS x 58.69
RMS y 63.47
side N [adc counts]
side P [adc counts]

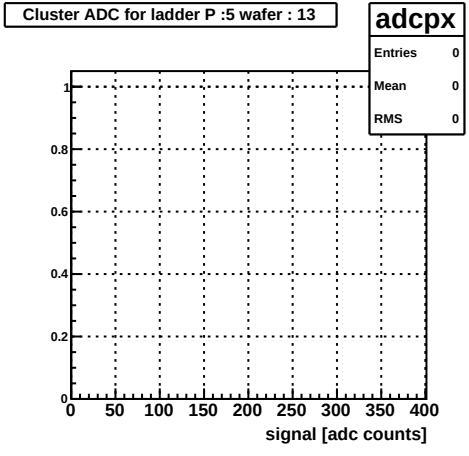

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6172
Mean 27.38
RMS 22.16
signal [adc counts]

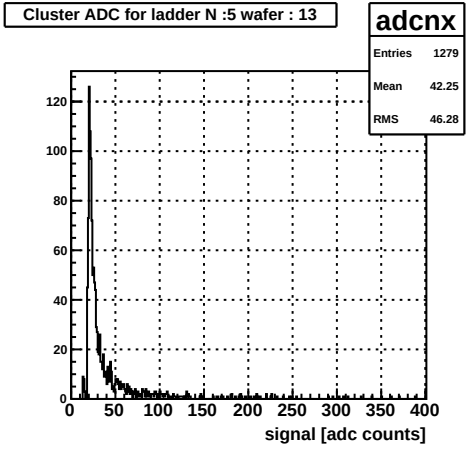

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 994
Mean 46.29
RMS 44.87
signal [adc counts]

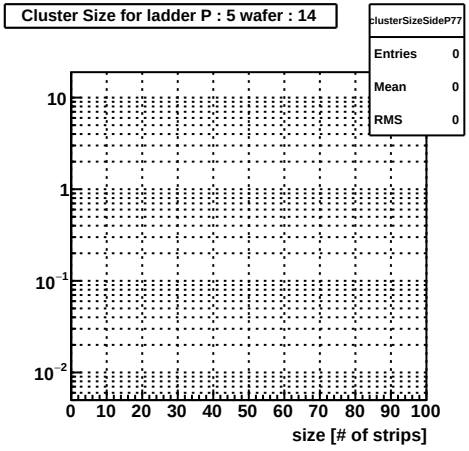

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

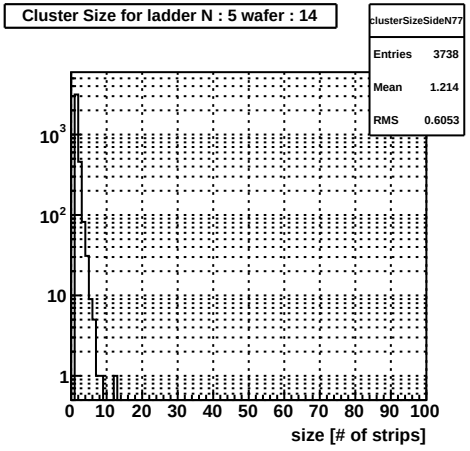

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1279
Mean 1.186
RMS 0.6034
size [# of strips]

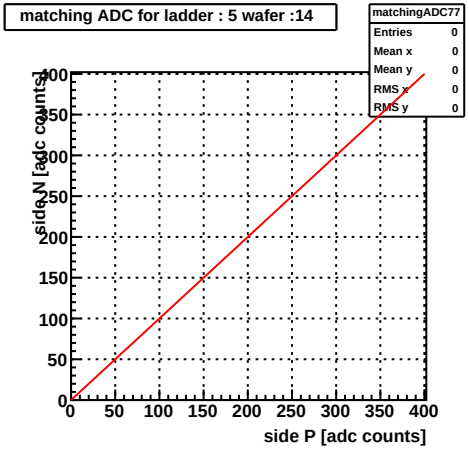

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

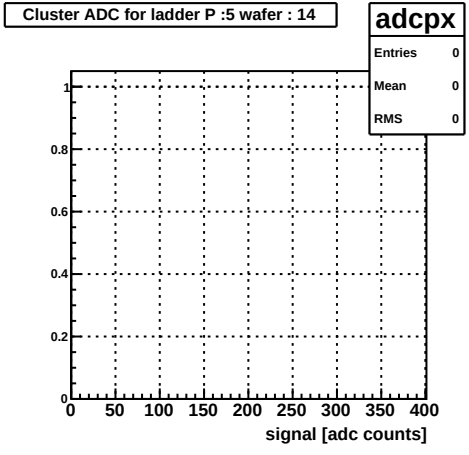

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

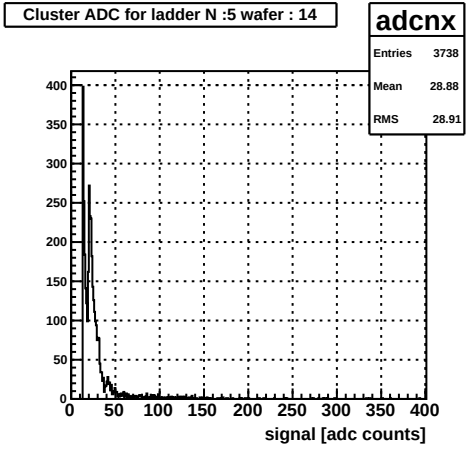

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1279
Mean 42.25
RMS 46.28
signal [adc counts]

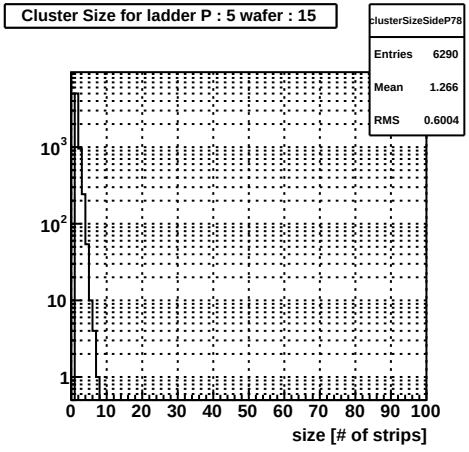

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

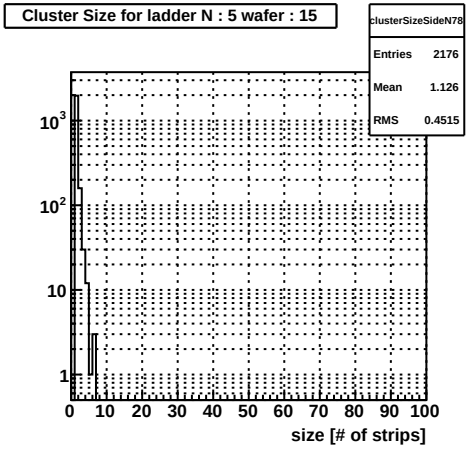

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3738
Mean 1.214
RMS 0.6053
size [# of strips]

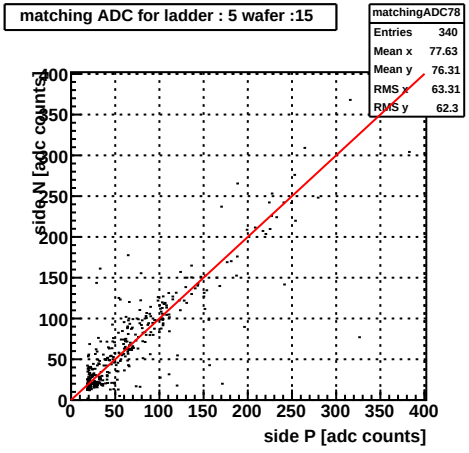

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

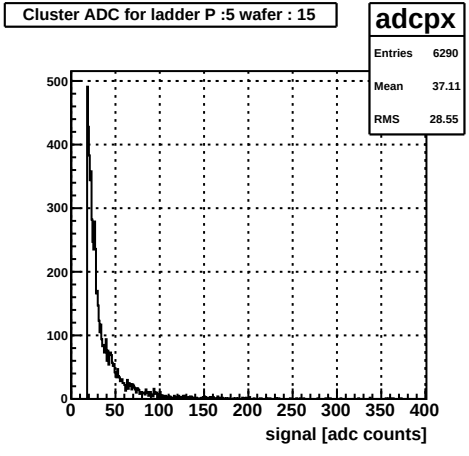

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

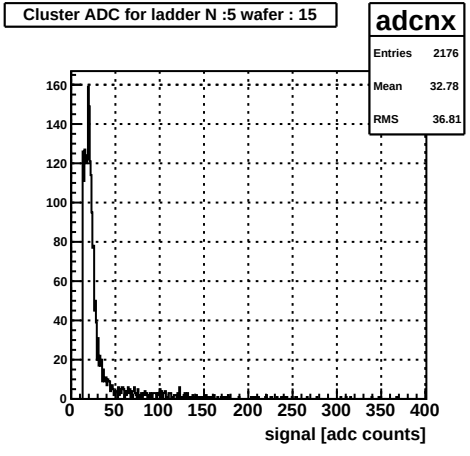

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3738
Mean 28.88
RMS 28.91
signal [adc counts]

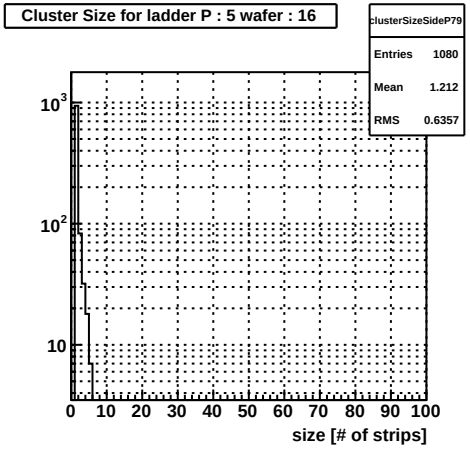

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6290
Mean 1.266
RMS 0.6004
size [# of strips]

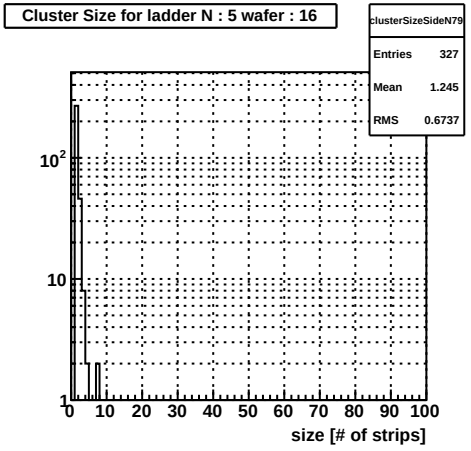

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2176
Mean 1.126
RMS 0.4515
size [# of strips]

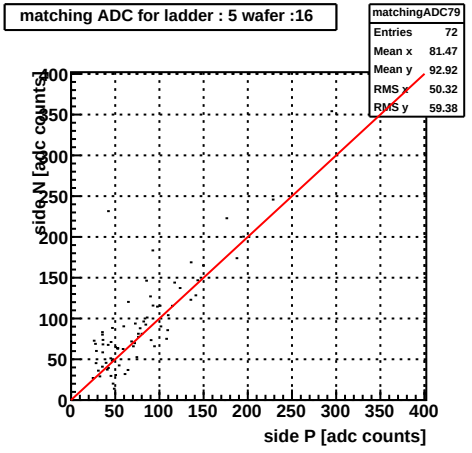

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 340
Mean x 77.63
Mean y 76.31
RMS x 63.31
RMS y 62.3
side N [adc counts]
side P [adc counts]

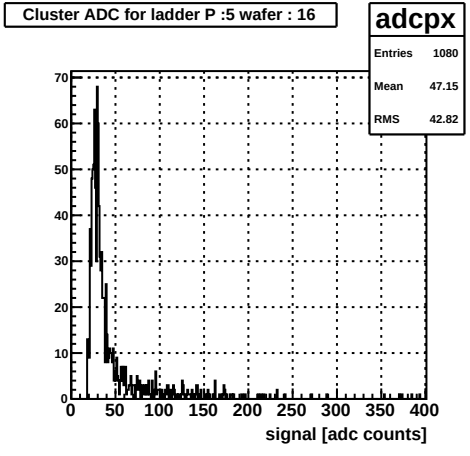

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6290
Mean 37.11
RMS 28.55
signal [adc counts]

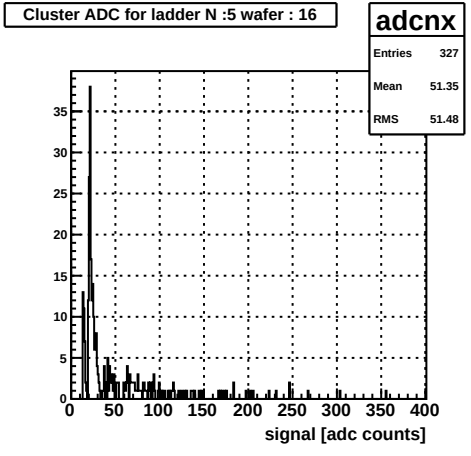

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2176
Mean 32.78
RMS 36.81
signal [adc counts]

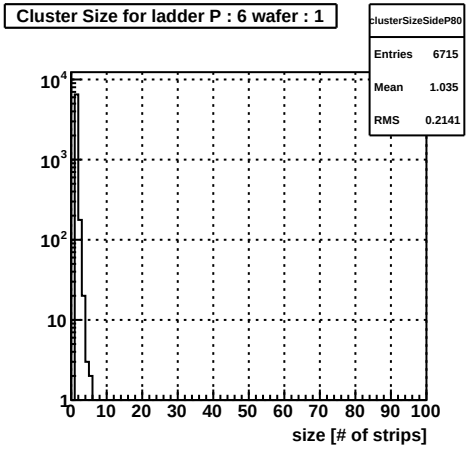

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1080
Mean 1.212
RMS 0.6357
size [# of strips]

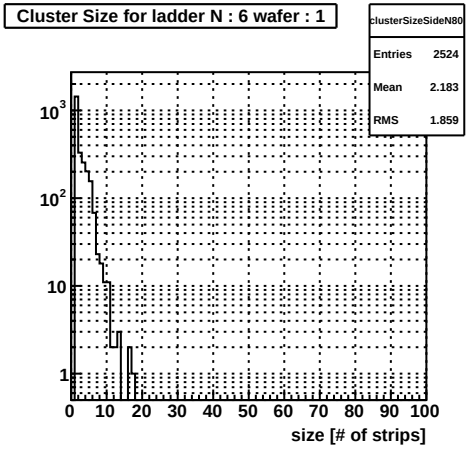

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 327
Mean 1.245
RMS 0.6737
size [# of strips]

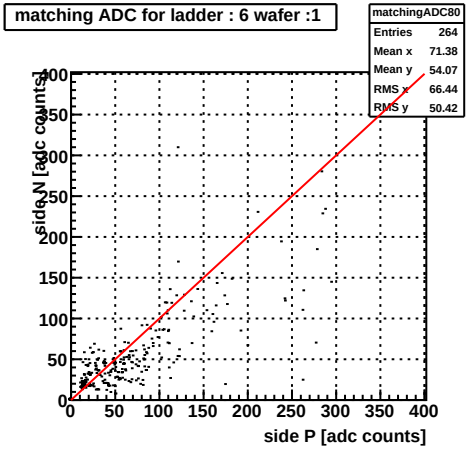

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 72
Mean x 81.47
Mean y 92.92
RMS x 50.32
RMS y 59.38
side N [adc counts]
side P [adc counts]

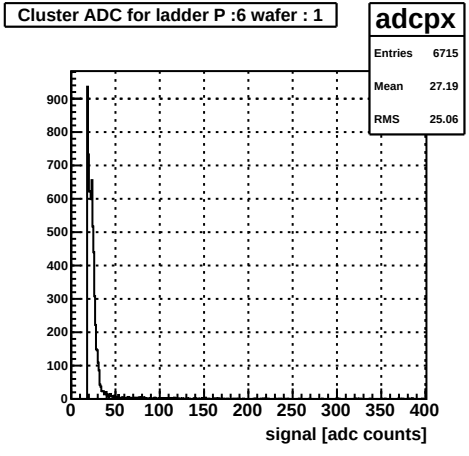

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1080
Mean 47.15
RMS 42.82
signal [adc counts]

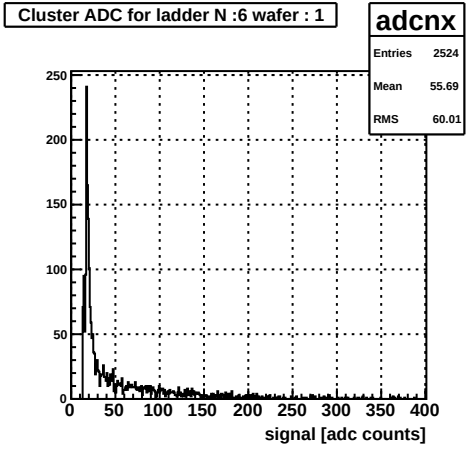

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 327
Mean 51.35
RMS 51.48
signal [adc counts]

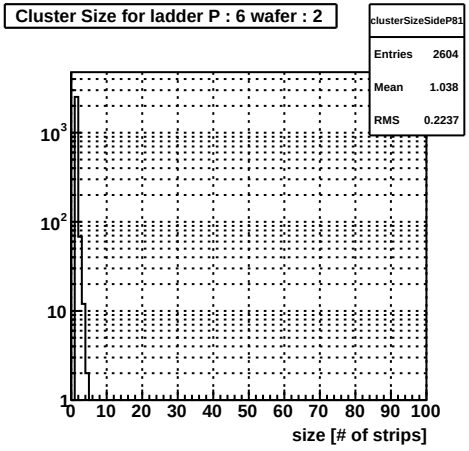

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 6715
Mean 1.035
RMS 0.2141
size [# of strips]

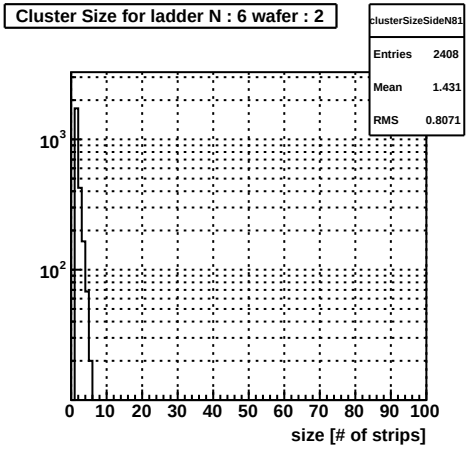

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2524
Mean 2.183
RMS 1.859
size [# of strips]

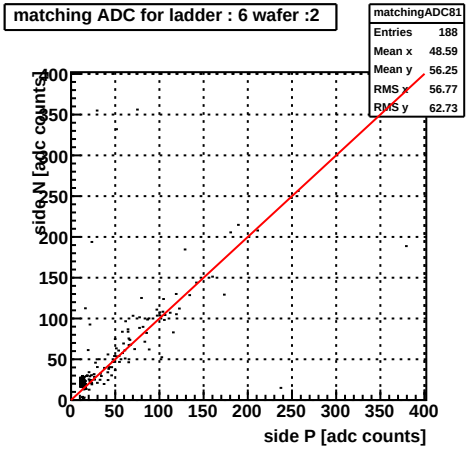

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 264
Mean x 71.38
Mean y 54.07
RMS x 66.44
RMS y 50.42
side N [adc counts]
side P [adc counts]

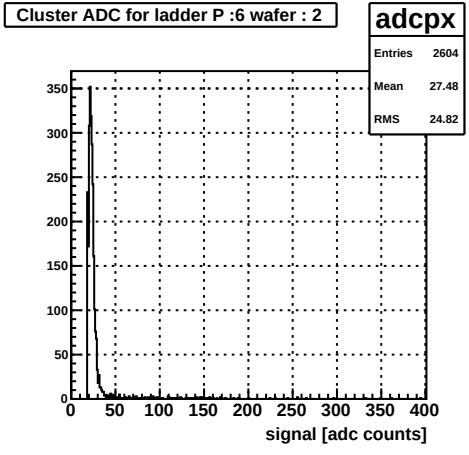

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 6715
Mean 27.19
RMS 25.06
signal [adc counts]

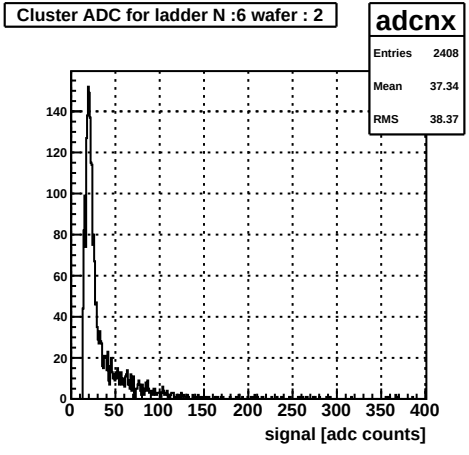

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2524
Mean 55.69
RMS 60.01
signal [adc counts]

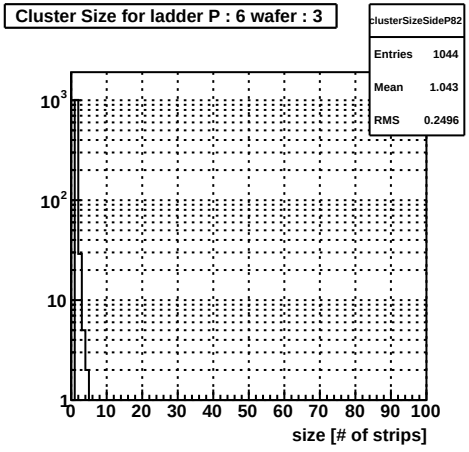

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2604
Mean 1.038
RMS 0.2237
size [# of strips]

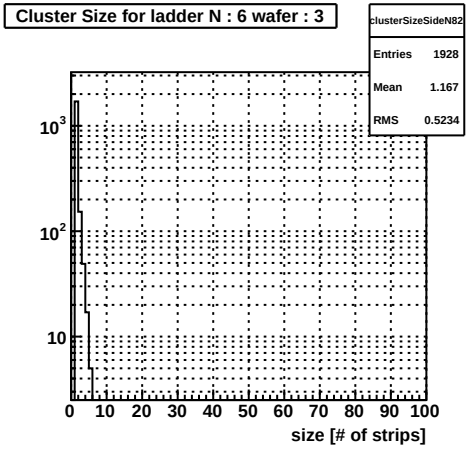

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2408
Mean 1.431
RMS 0.8071
size [# of strips]

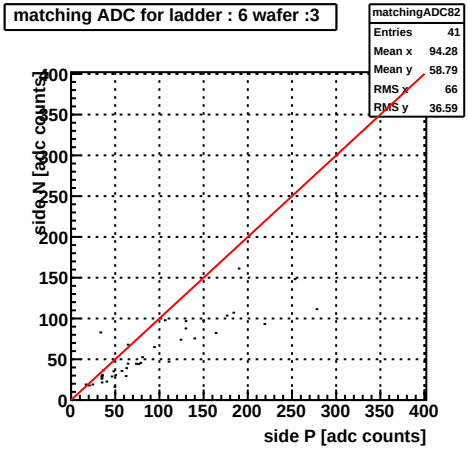

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 188
Mean x 48.59
Mean y 56.25
RMS x 56.77
RMS y 62.73
side N [adc counts]
side P [adc counts]

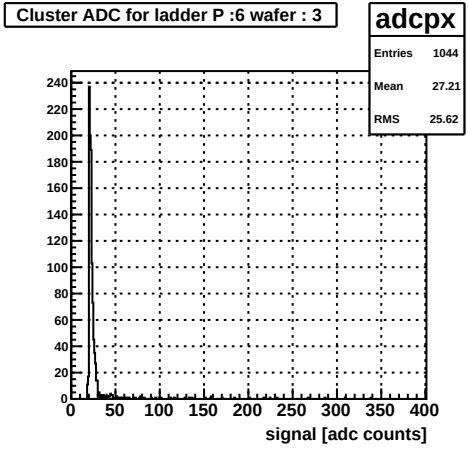

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2604
Mean 27.48
RMS 24.82
signal [adc counts]

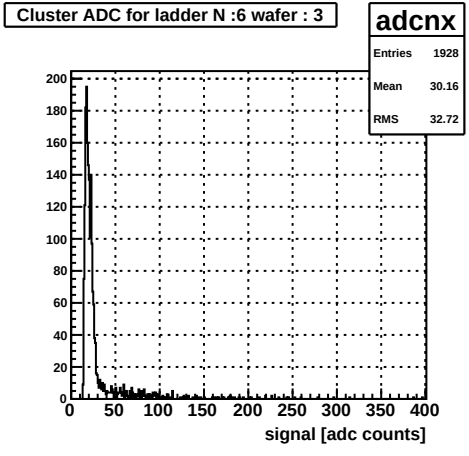

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2408
Mean 37.34
RMS 38.37
signal [adc counts]

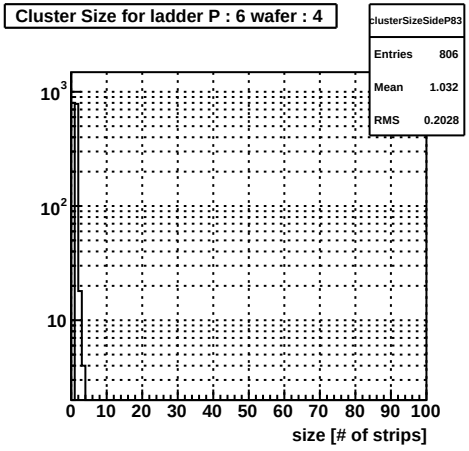

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1044
Mean 1.043
RMS 0.2496
size [# of strips]

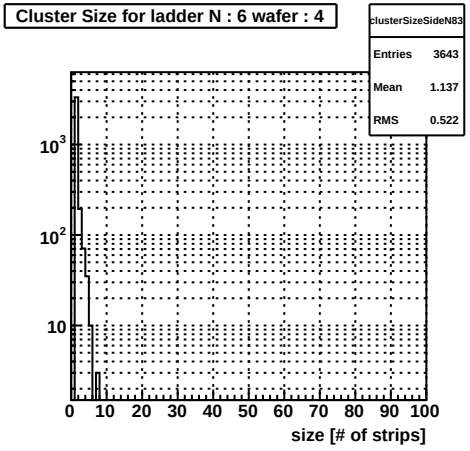

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1928
Mean 1.167
RMS 0.5234
size [# of strips]

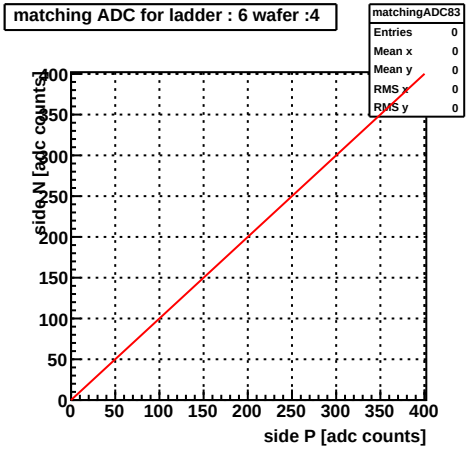

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 41
Mean x 94.28
Mean y 58.79
RMS x 66
RMS y 36.59
side N [adc counts]
side P [adc counts]

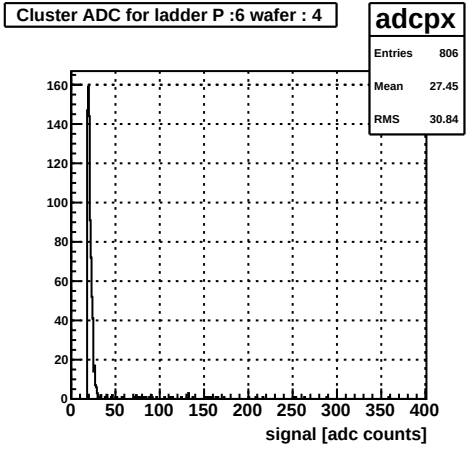

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1044
Mean 27.21
RMS 25.62
signal [adc counts]

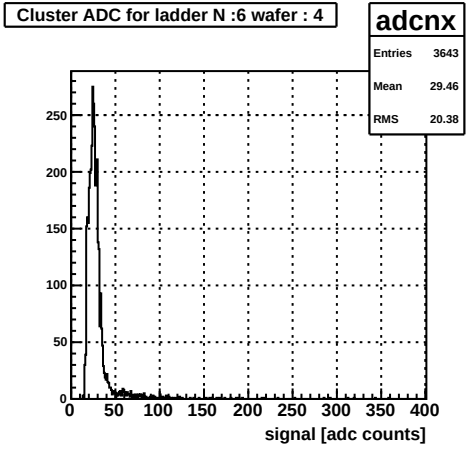

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1928
Mean 30.16
RMS 32.72
signal [adc counts]

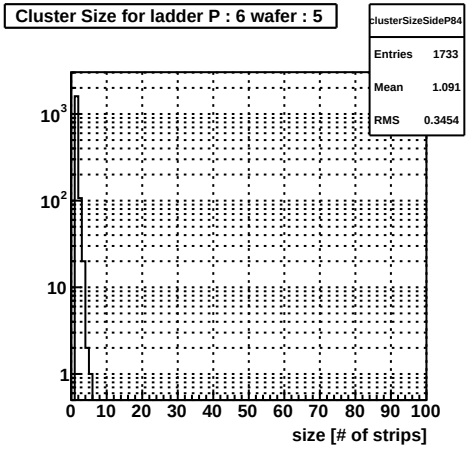

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 806
Mean 1.032
RMS 0.2028
size [# of strips]

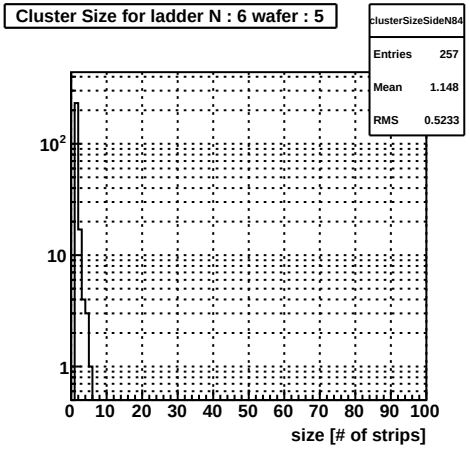

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3643
Mean 1.137
RMS 0.522
size [# of strips]

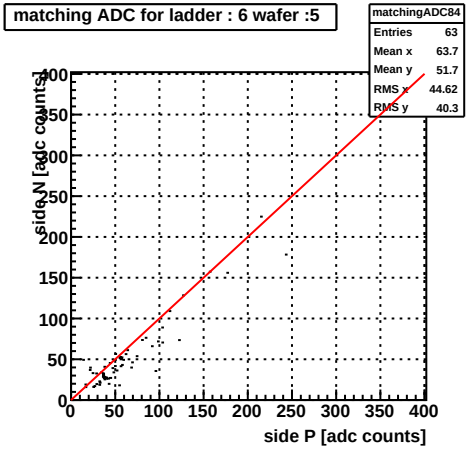

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

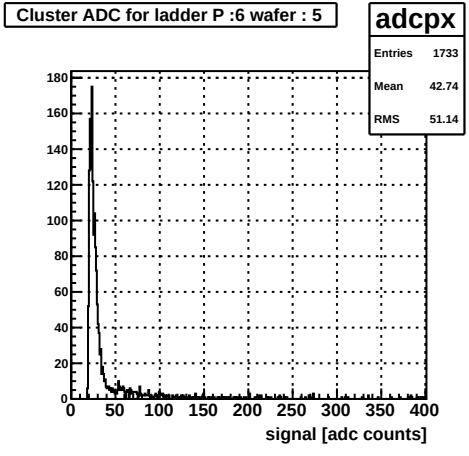

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 806
Mean 27.45
RMS 30.84
signal [adc counts]

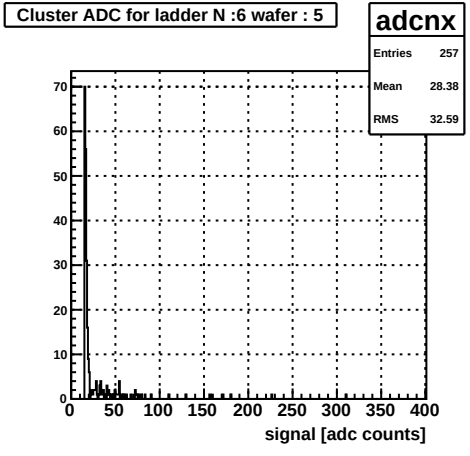

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3643
Mean 29.46
RMS 20.38
signal [adc counts]

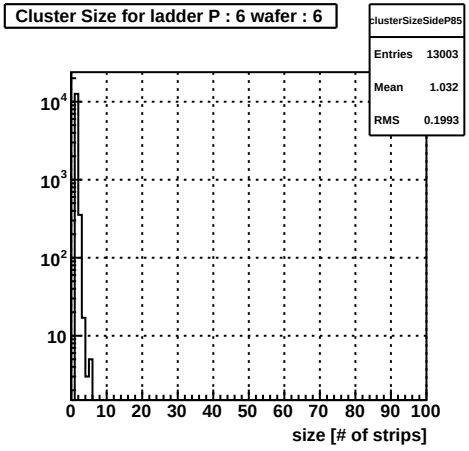

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1733
Mean 1.091
RMS 0.3454
size [# of strips]

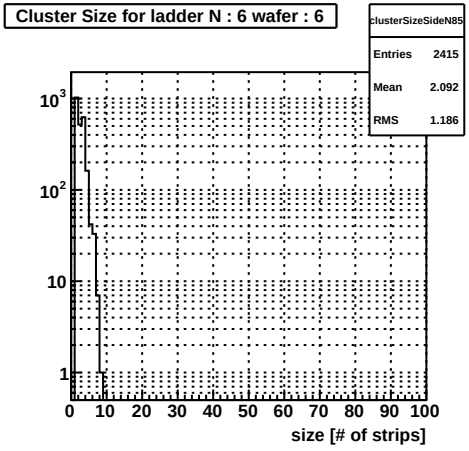

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 257
Mean 1.148
RMS 0.5233
size [# of strips]

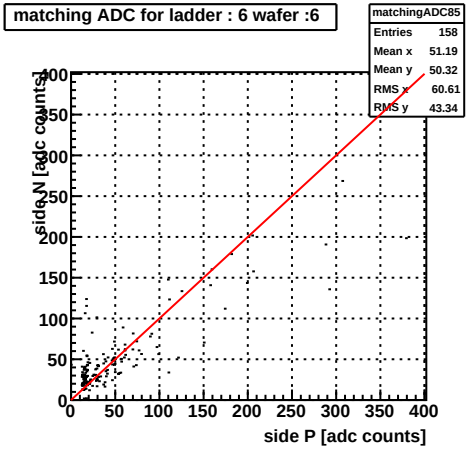

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 63
Mean x 63.7
Mean y 51.7
RMS x 44.62
RMS y 40.3
side N [adc counts]
side P [adc counts]

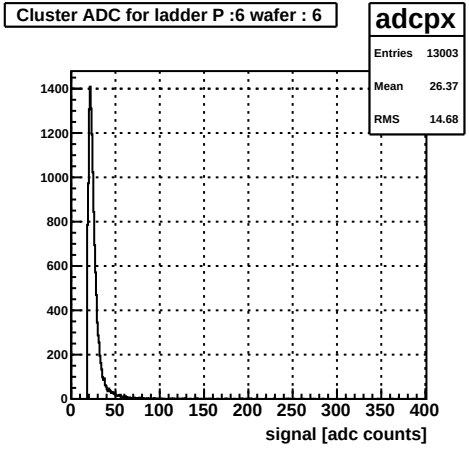

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1733
Mean 42.74
RMS 51.14
signal [adc counts]

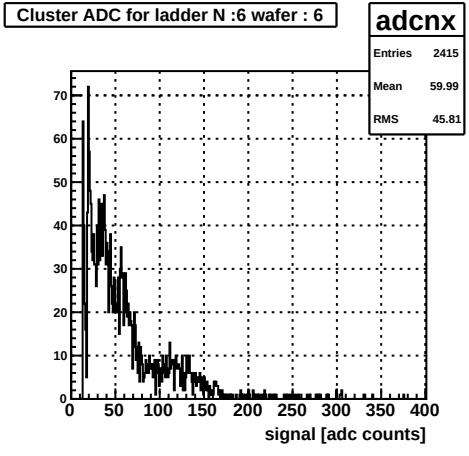

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 257
Mean 28.38
RMS 32.59
signal [adc counts]

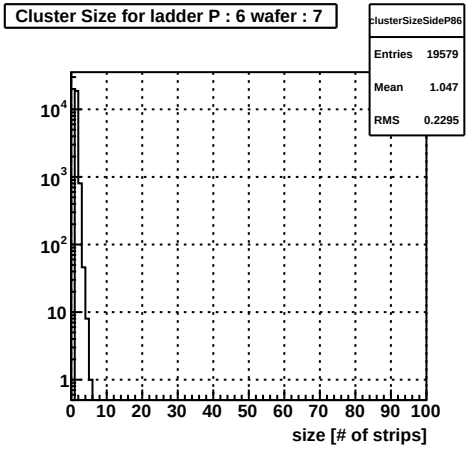

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13003
Mean 1.032
RMS 0.1993
size [# of strips]

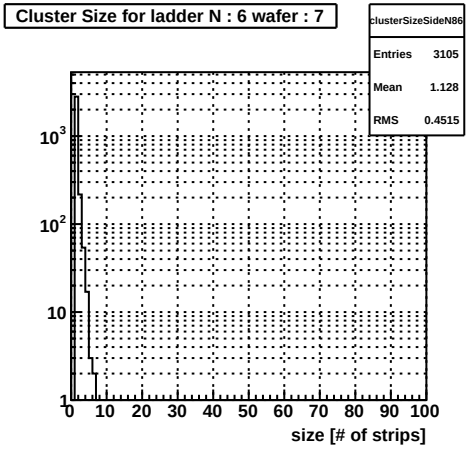

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2415
Mean 2.092
RMS 1.186
size [# of strips]

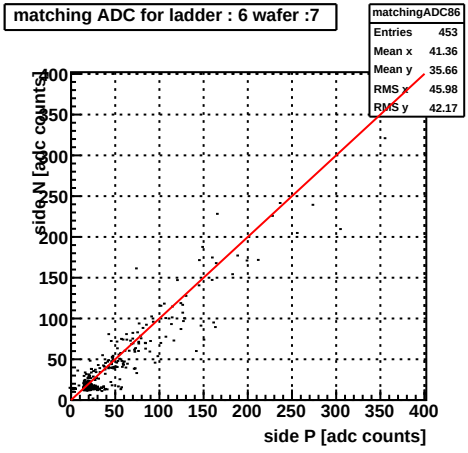

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 158
Mean x 51.19
Mean y 50.32
RMS x 60.61
RMS y 43.34
side N [adc counts]
side P [adc counts]

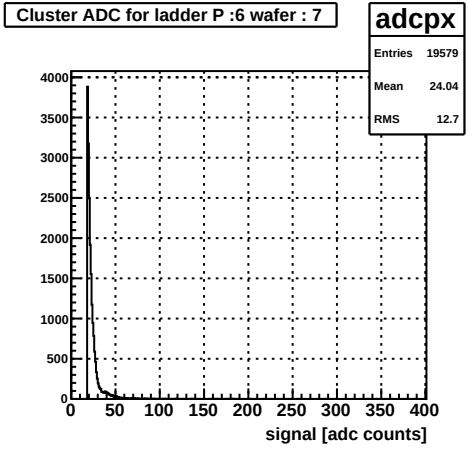

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13003
Mean 26.37
RMS 14.68
signal [adc counts]

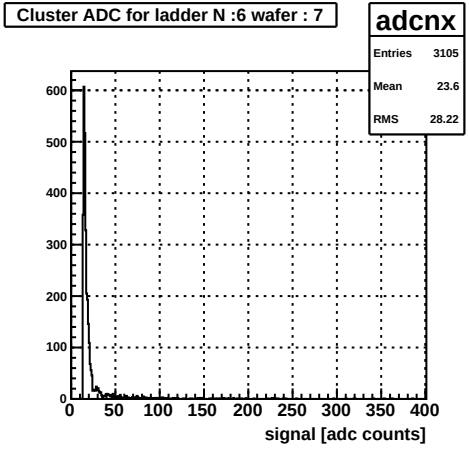

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2415
Mean 59.99
RMS 45.81
signal [adc counts]

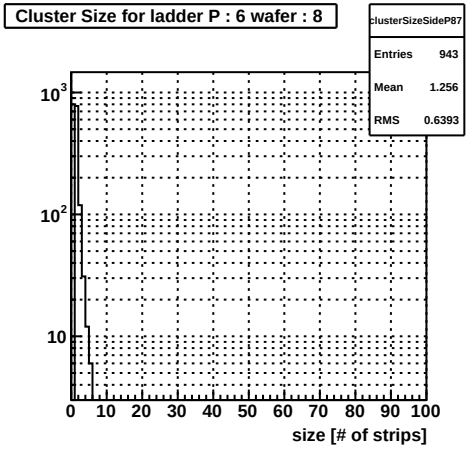

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 19579
Mean 1.047
RMS 0.2295
size [# of strips]

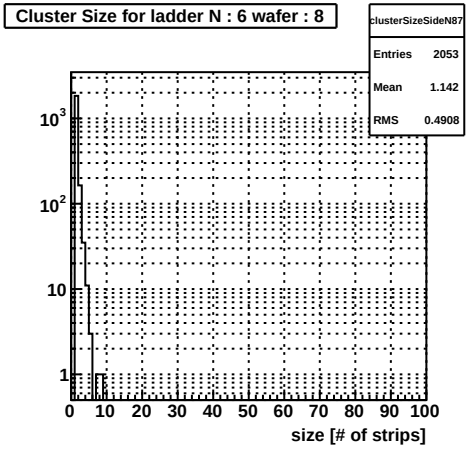

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3105
Mean 1.128
RMS 0.4515
size [# of strips]

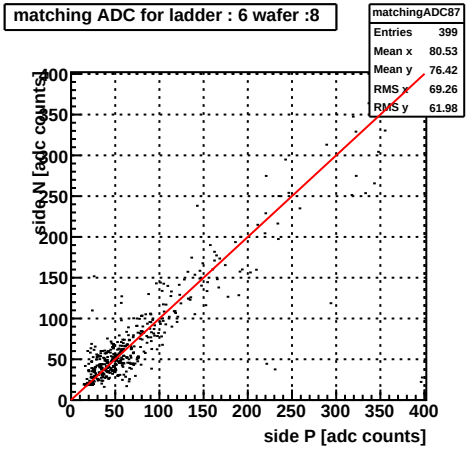

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 453
Mean x 41.36
Mean y 35.66
RMS x 45.98
RMS y 42.17
side N [adc counts]
side P [adc counts]

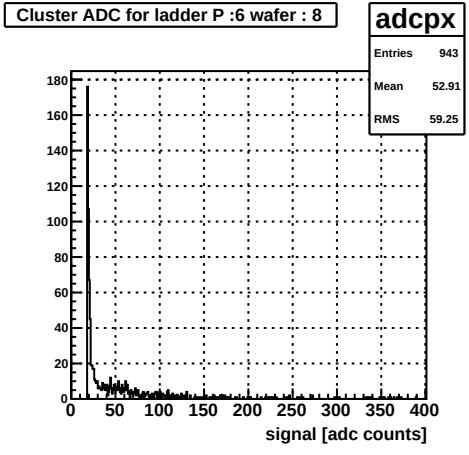

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 19579
Mean 24.04
RMS 12.7
signal [adc counts]

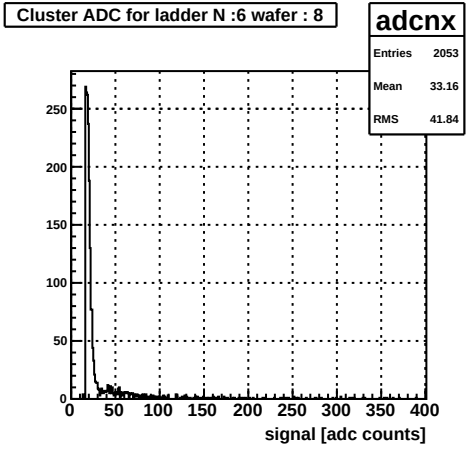

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3105
Mean 23.6
RMS 28.22
signal [adc counts]

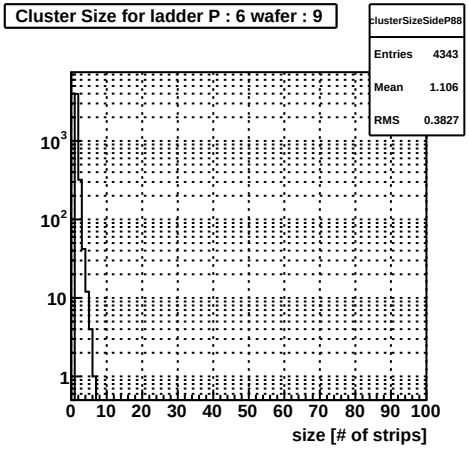

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 943
Mean 1.256
RMS 0.6393
size [# of strips]

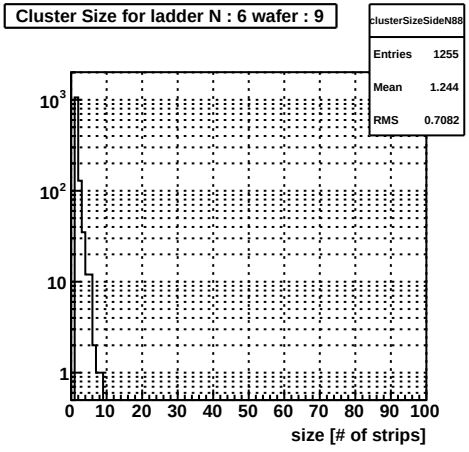

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2053
Mean 1.142
RMS 0.4908
size [# of strips]

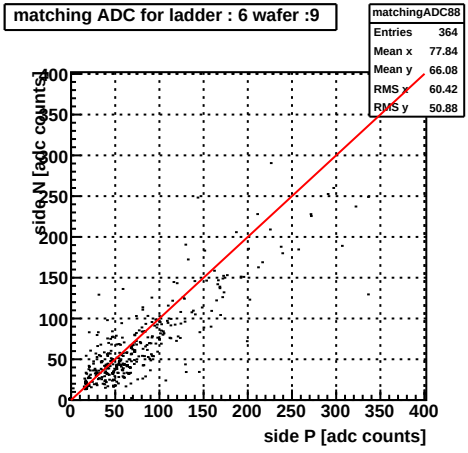

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 399
Mean x 80.53
Mean y 76.42
RMS x 69.26
RMS y 61.98
side N [adc counts]
side P [adc counts]

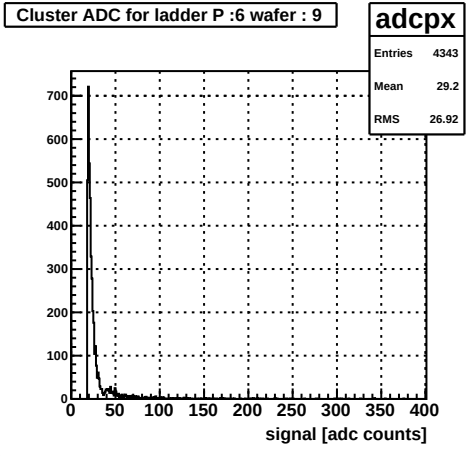

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 943
Mean 52.91
RMS 59.25
signal [adc counts]

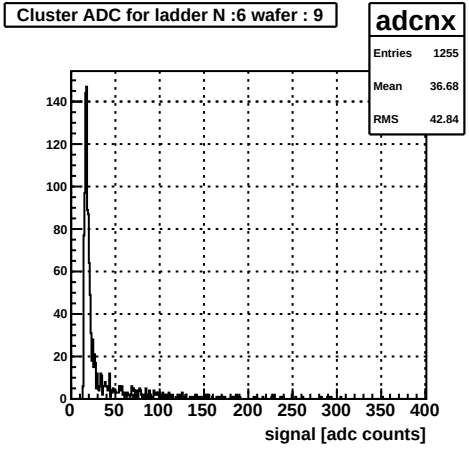

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2053
Mean 33.16
RMS 41.84
signal [adc counts]

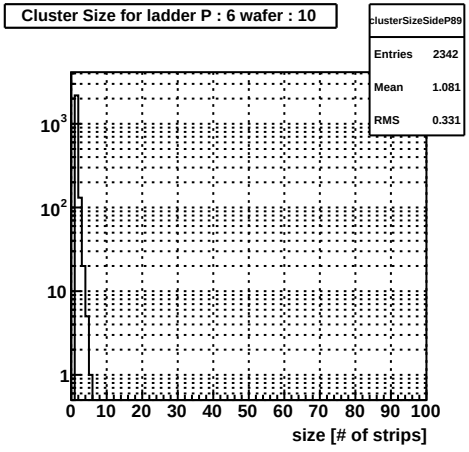

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4343
Mean 1.106
RMS 0.3827
size [# of strips]

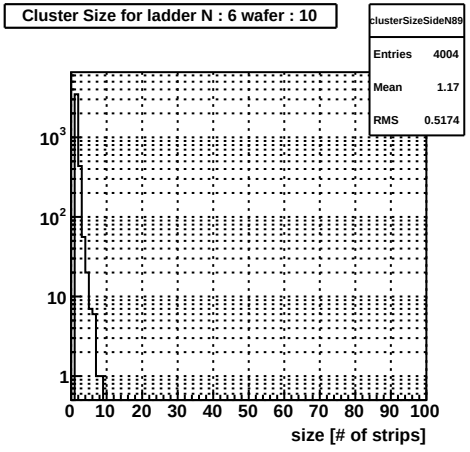

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1255
Mean 1.244
RMS 0.7082
size [# of strips]

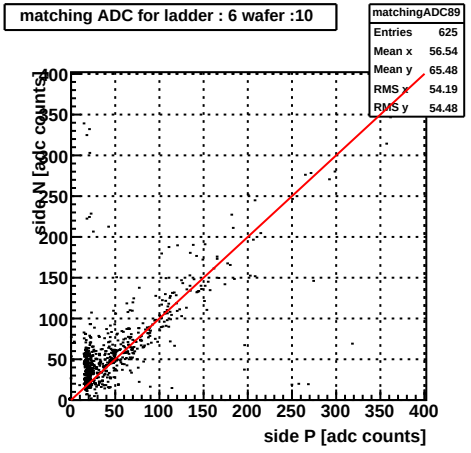

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 364
Mean x 77.84
Mean y 66.08
RMS x 60.42
RMS y 50.88
side N [adc counts]
side P [adc counts]

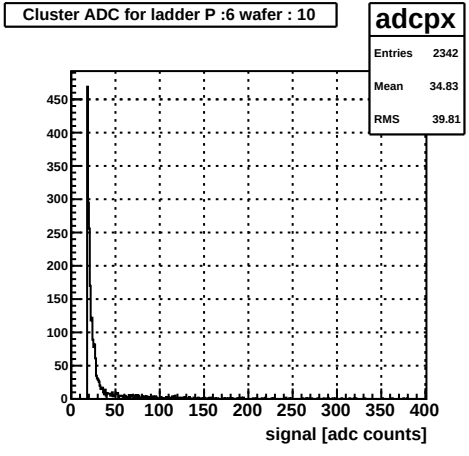

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4343
Mean 29.2
RMS 26.92
signal [adc counts]

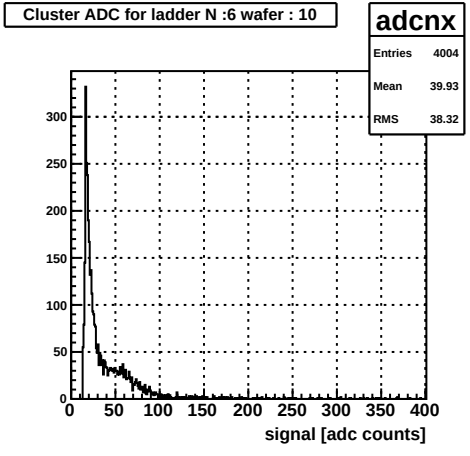

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1255
Mean 36.68
RMS 42.84
signal [adc counts]

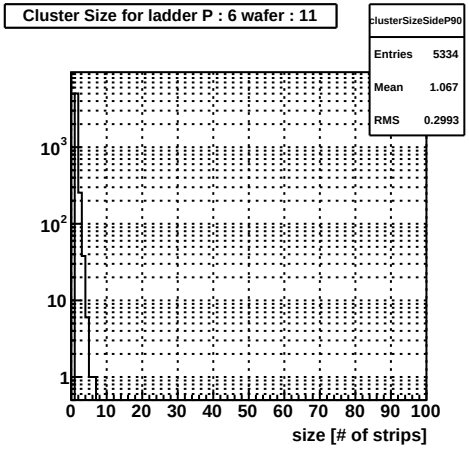

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2342
Mean 1.081
RMS 0.331
size [# of strips]

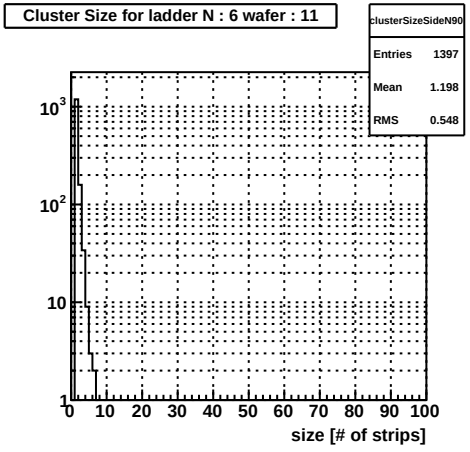

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 4004
Mean 1.17
RMS 0.5174
size [# of strips]

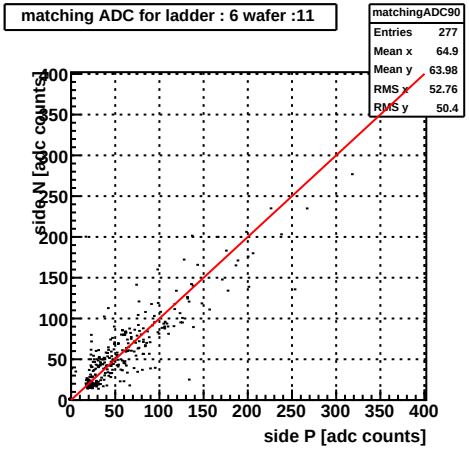

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 625
Mean x 56.54
Mean y 65.48
RMS x 54.19
RMS y 54.48
side N [adc counts]
side P [adc counts]

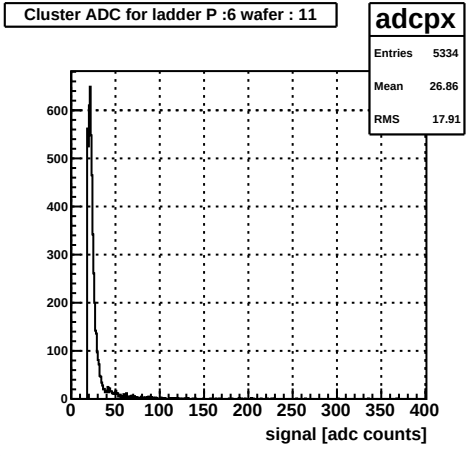

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2342
Mean 34.83
RMS 39.81
signal [adc counts]

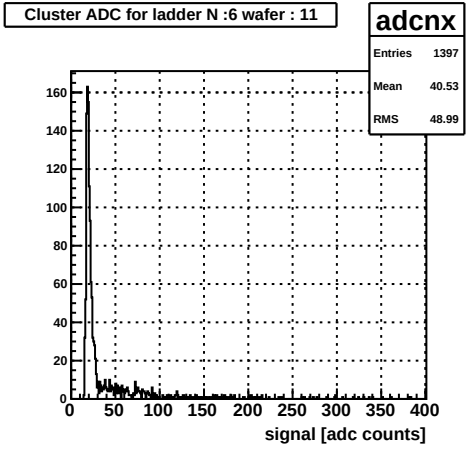

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 4004
Mean 39.93
RMS 38.32
signal [adc counts]

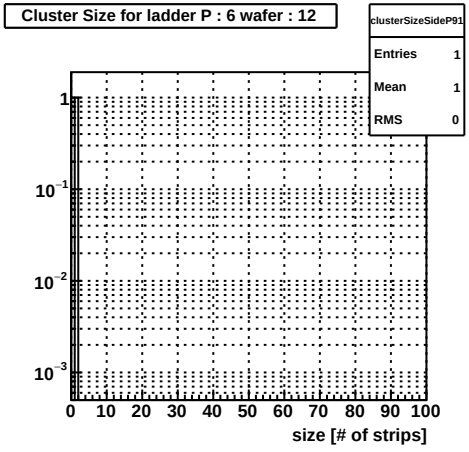

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5334
Mean 1.067
RMS 0.2993
size [# of strips]

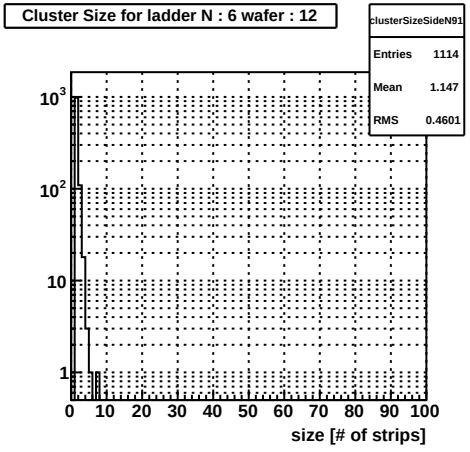

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1397
Mean 1.198
RMS 0.548
size [# of strips]

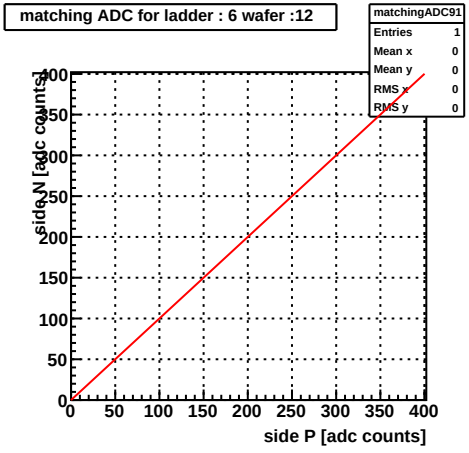

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 277
Mean x 64.9
Mean y 63.98
RMS x 52.76
RMS y 50.4
side N [adc counts]
side P [adc counts]

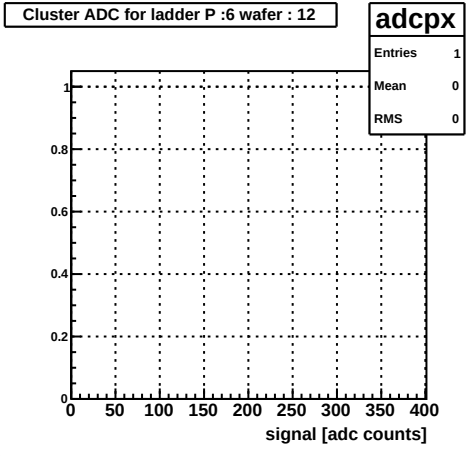

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5334
Mean 26.86
RMS 17.91
signal [adc counts]

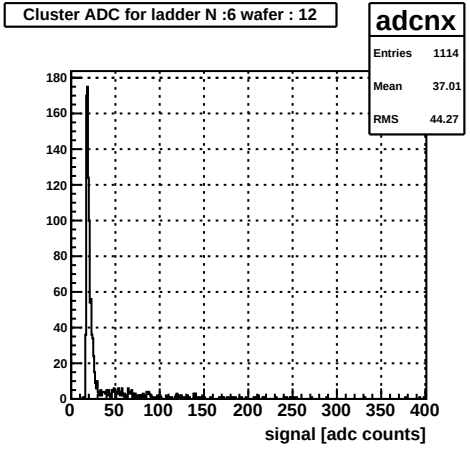

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1397
Mean 40.53
RMS 48.99
signal [adc counts]

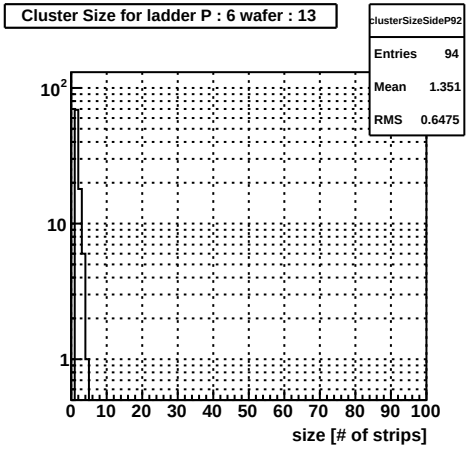

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

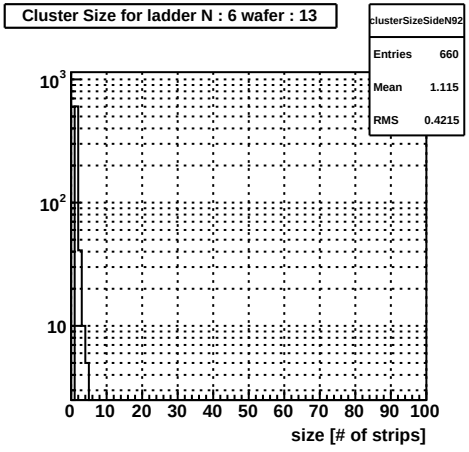

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1114
Mean 1.147
RMS 0.4601
size [# of strips]

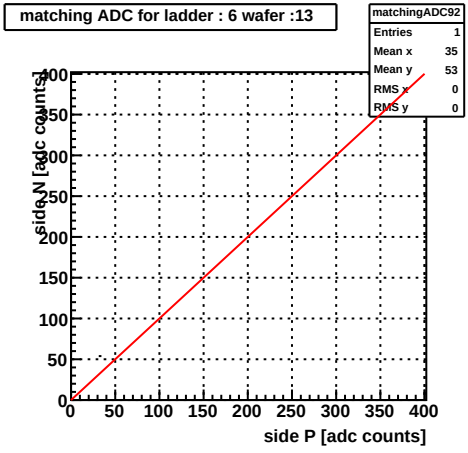

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

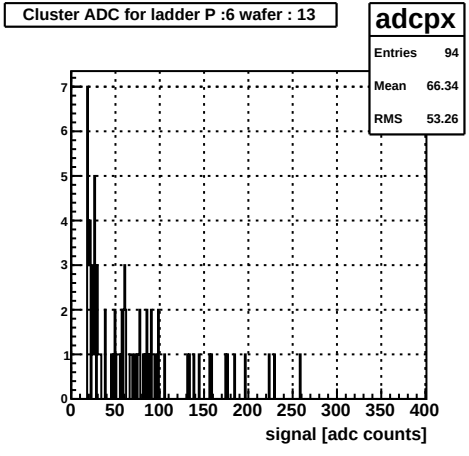

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

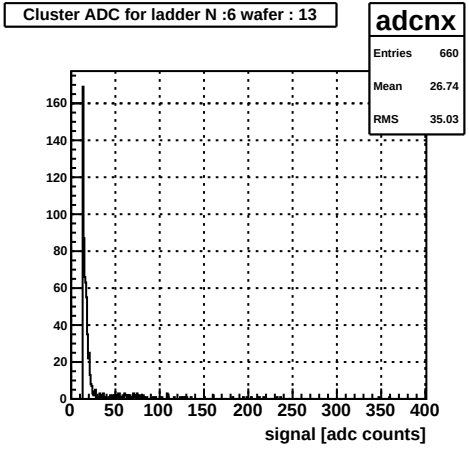

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1114
Mean 37.01
RMS 44.27
signal [adc counts]

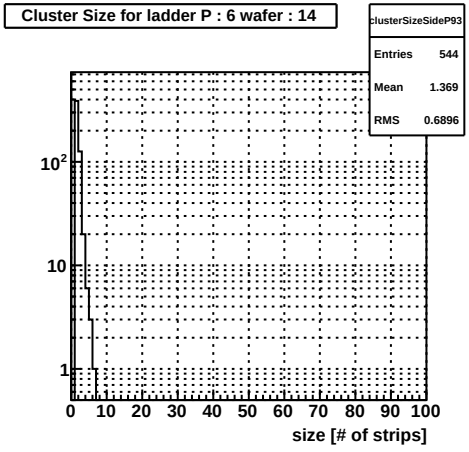

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 94
Mean 1.351
RMS 0.6475
size [# of strips]

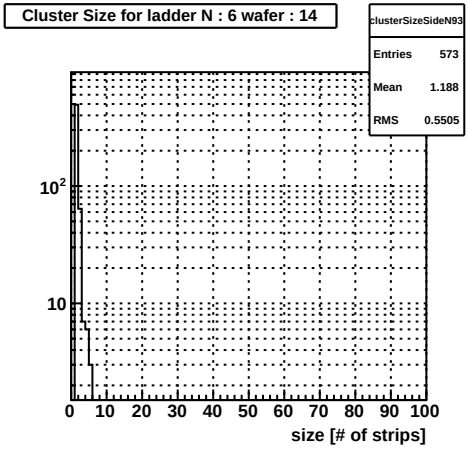

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 660
Mean 1.115
RMS 0.4215
size [# of strips]

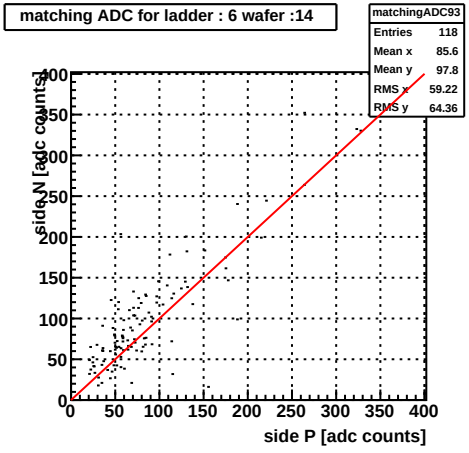

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 35
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

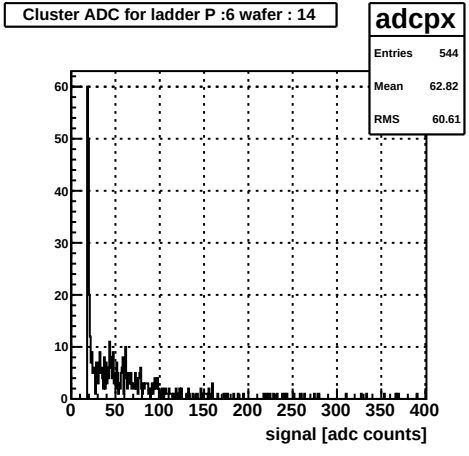

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 94
Mean 66.34
RMS 53.26
signal [adc counts]

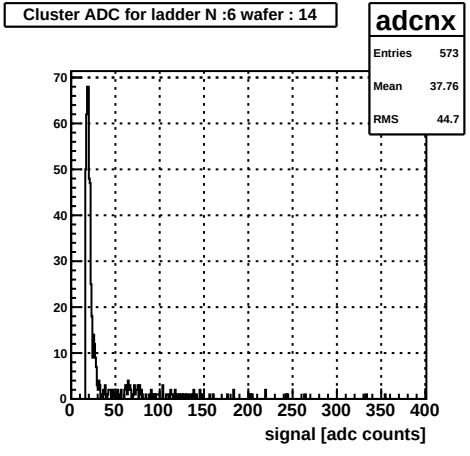

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 660
Mean 26.74
RMS 35.03
signal [adc counts]

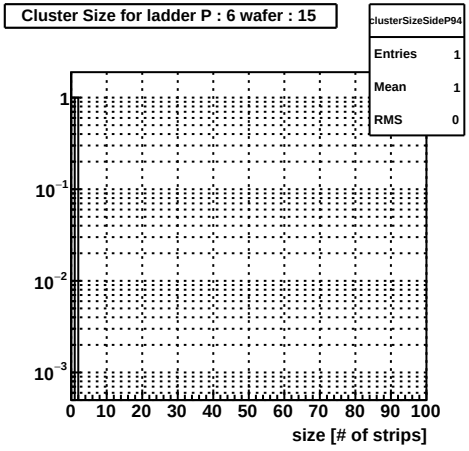

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 544
Mean 1.369
RMS 0.6896
size [# of strips]

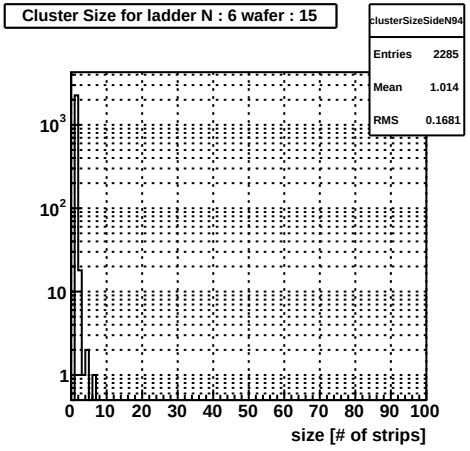

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 573
Mean 1.188
RMS 0.5505
size [# of strips]

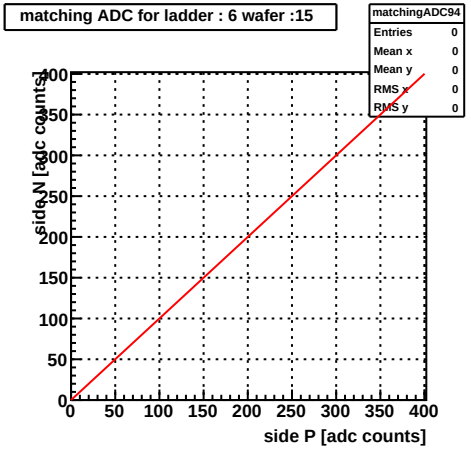

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 118
Mean x 85.6
Mean y 97.8
RMS x 59.22
RMS y 64.36
side N [adc counts]
side P [adc counts]

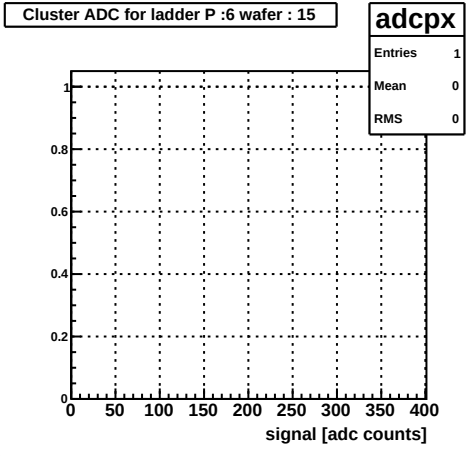

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 544
Mean 62.82
RMS 60.61
signal [adc counts]

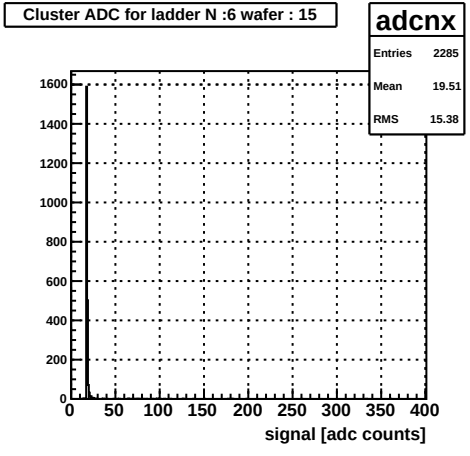

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 573
Mean 37.76
RMS 44.7
signal [adc counts]

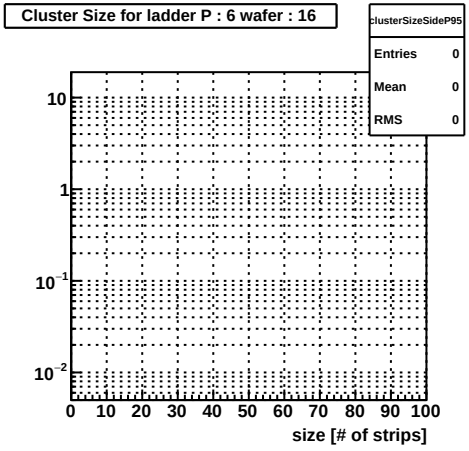

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

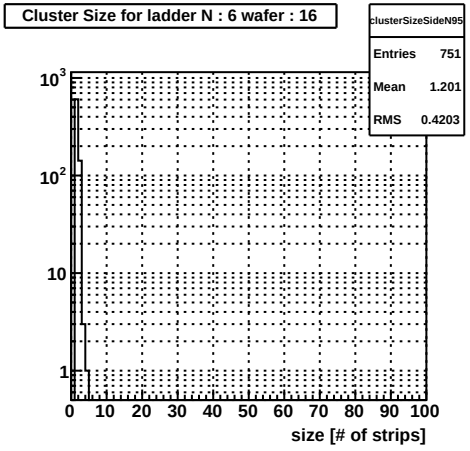

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2285
Mean 1.014
RMS 0.1681
size [# of strips]

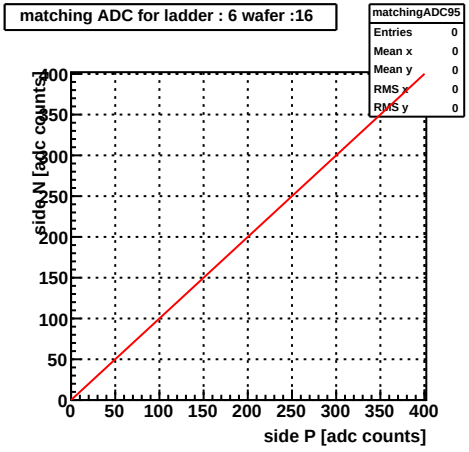

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

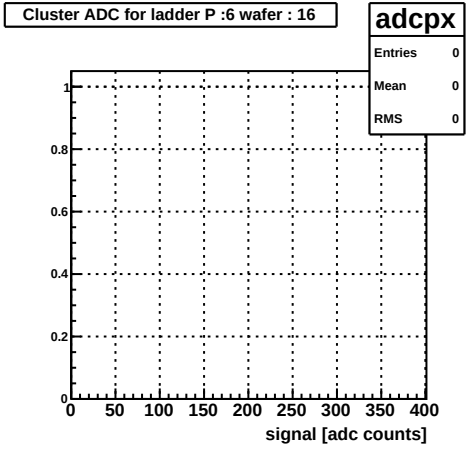

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

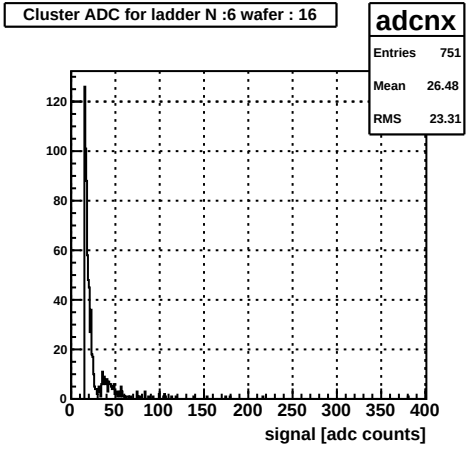

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2285
Mean 19.51
RMS 15.38
signal [adc counts]

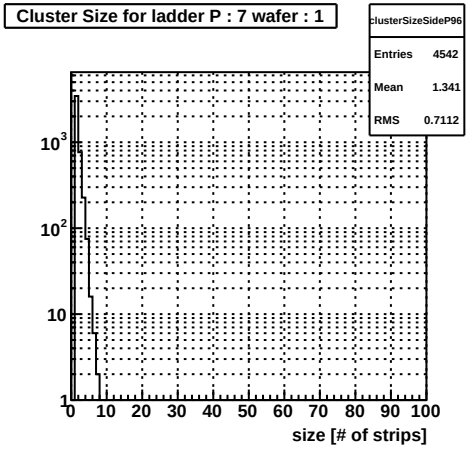

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

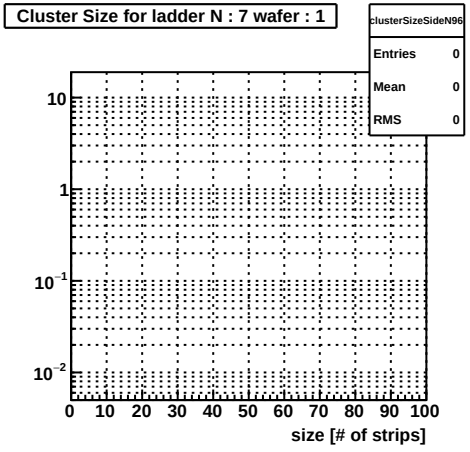

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 751
Mean 1.201
RMS 0.4203
size [# of strips]

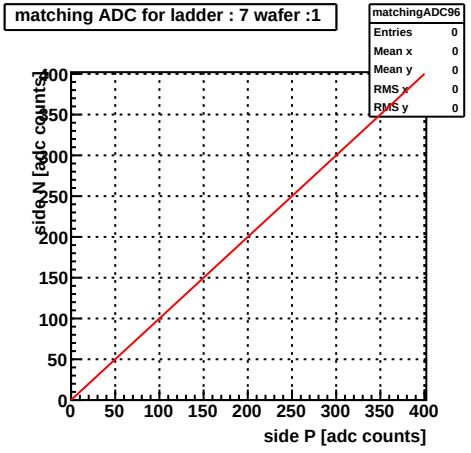

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

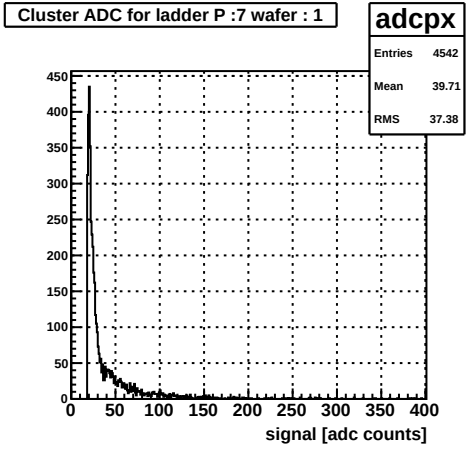

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

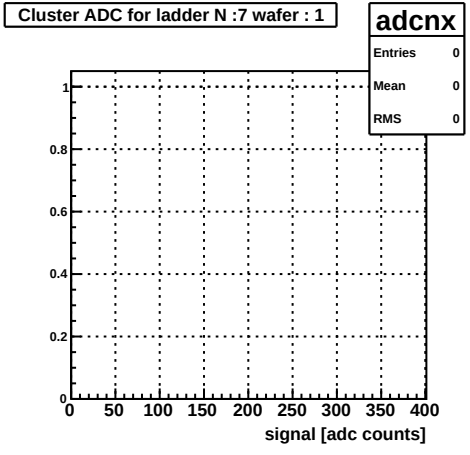

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 751
Mean 26.48
RMS 23.31
signal [adc counts]

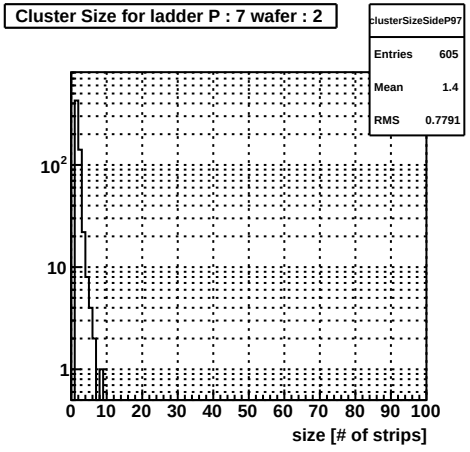

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4542
Mean 1.341
RMS 0.7112
size [# of strips]

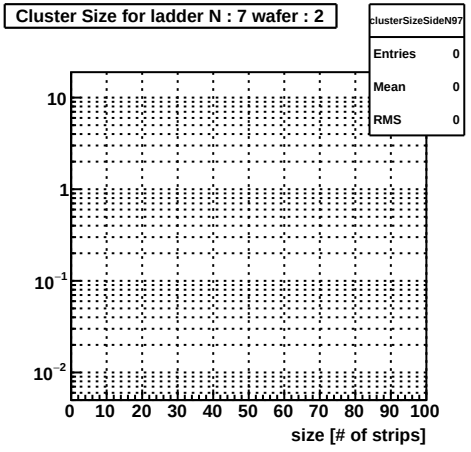

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

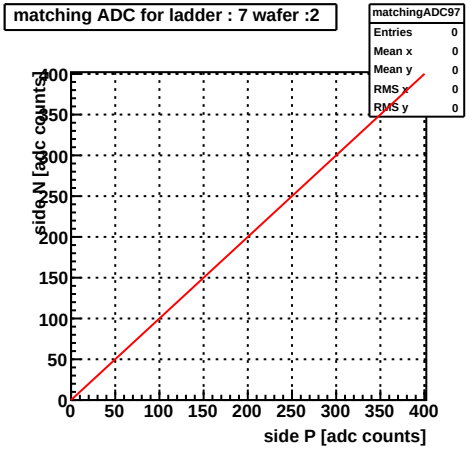

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

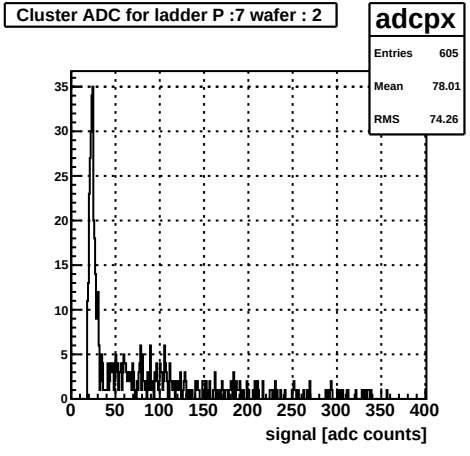

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4542
Mean 39.71
RMS 37.38
signal [adc counts]

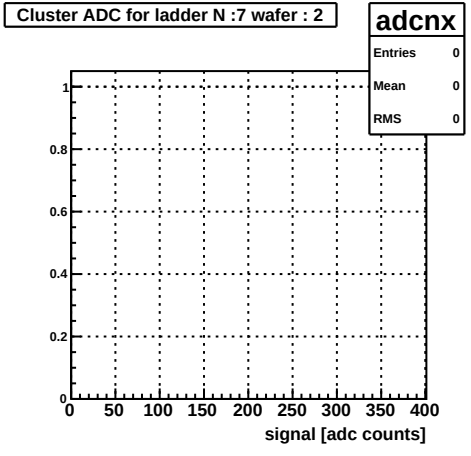

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

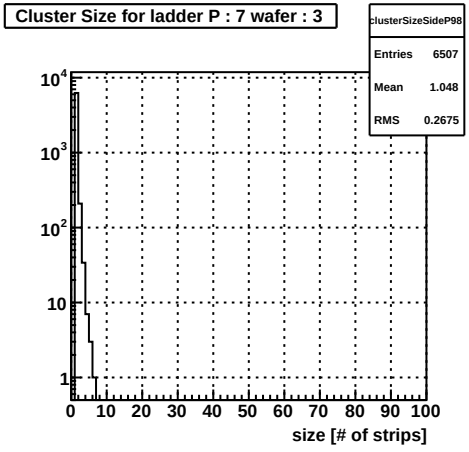

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 605
Mean 1.4
RMS 0.7791
size [# of strips]

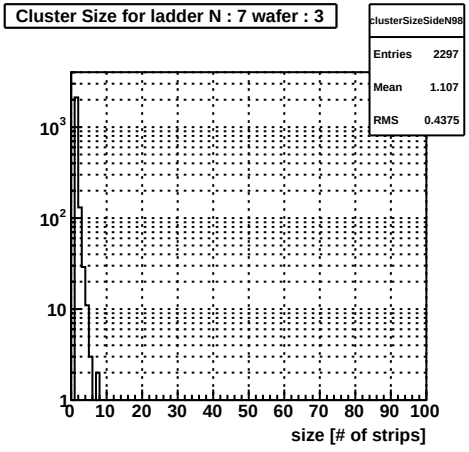

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

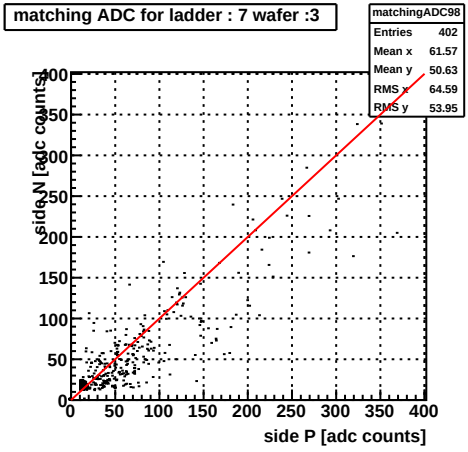

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

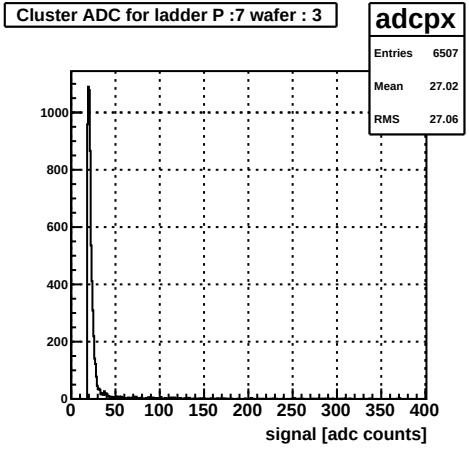

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 605
Mean 78.01
RMS 74.26
signal [adc counts]

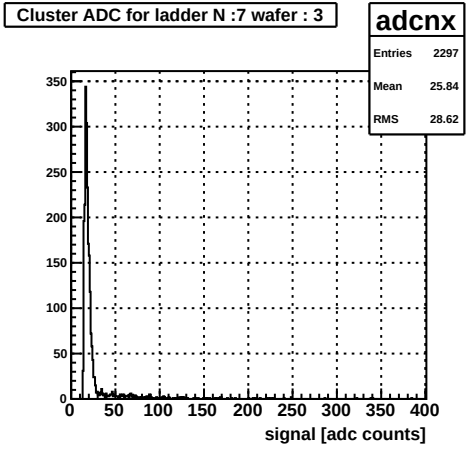

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

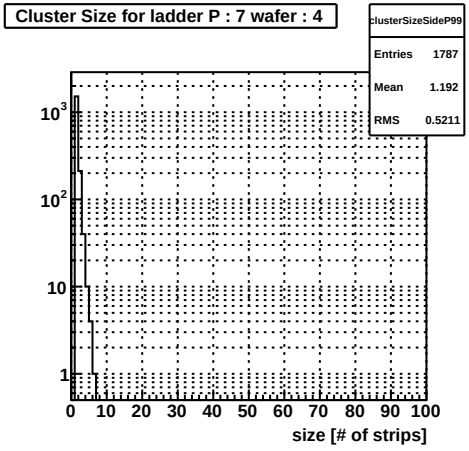

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6507
Mean 1.048
RMS 0.2675
size [# of strips]

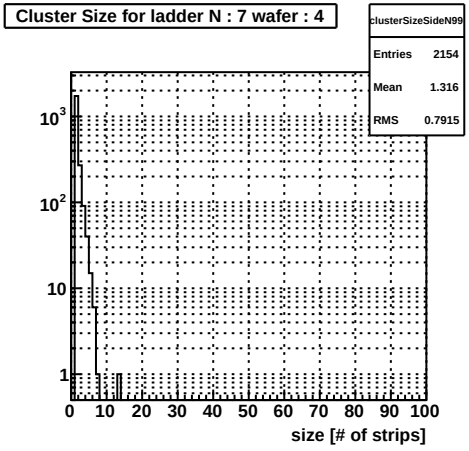

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2297
Mean 1.107
RMS 0.4375
size [# of strips]

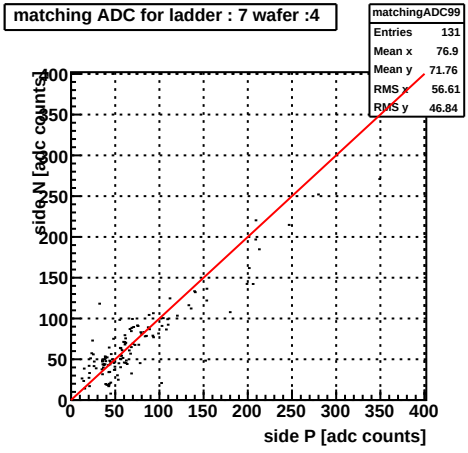

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 402
Mean x 61.57
Mean y 50.63
RMS x 64.59
RMS y 53.95
side N [adc counts]
side P [adc counts]

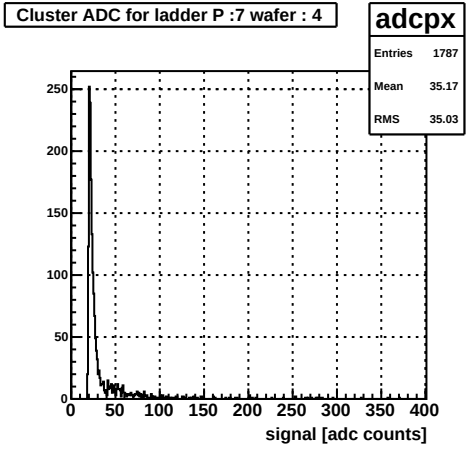

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6507
Mean 27.02
RMS 27.06
signal [adc counts]

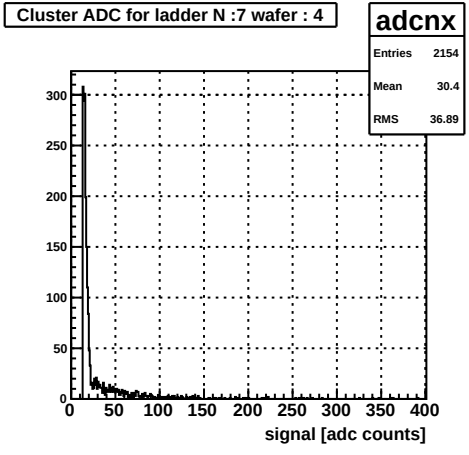

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2297
Mean 25.84
RMS 28.62
signal [adc counts]

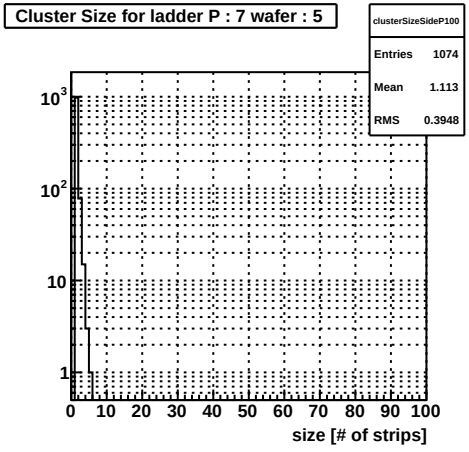

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1787
Mean 1.192
RMS 0.5211
size [# of strips]

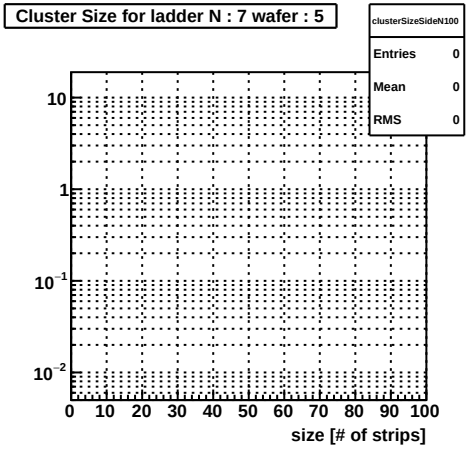

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2154
Mean 1.316
RMS 0.7915
size [# of strips]

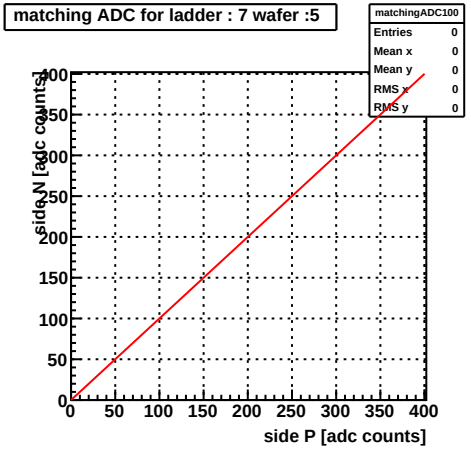

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 131
Mean x 76.9
Mean y 71.76
RMS x 56.61
RMS y 46.84
side N [adc counts]
side P [adc counts]

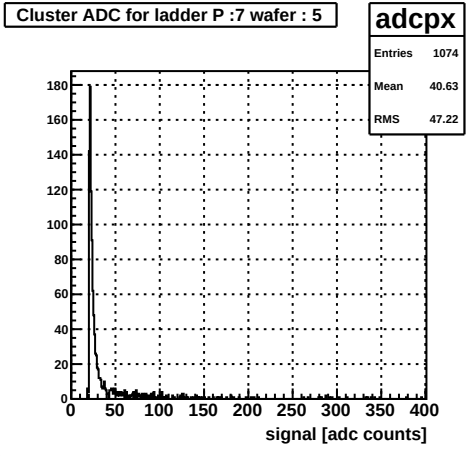

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1787
Mean 35.17
RMS 35.03
signal [adc counts]

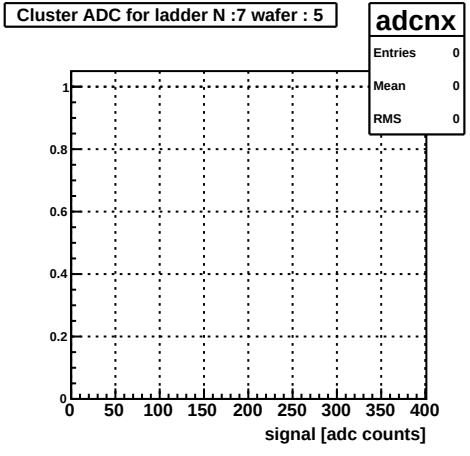

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2154
Mean 30.4
RMS 36.89
signal [adc counts]

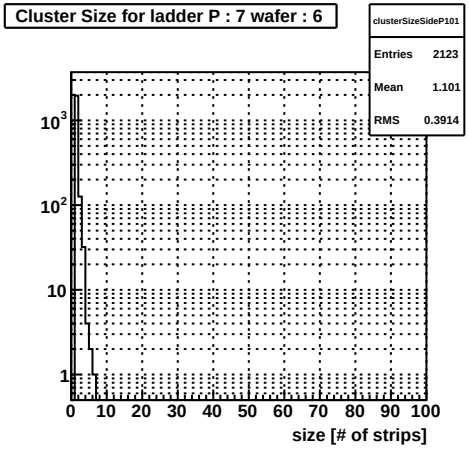

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1074
Mean 1.113
RMS 0.3948
size [# of strips]

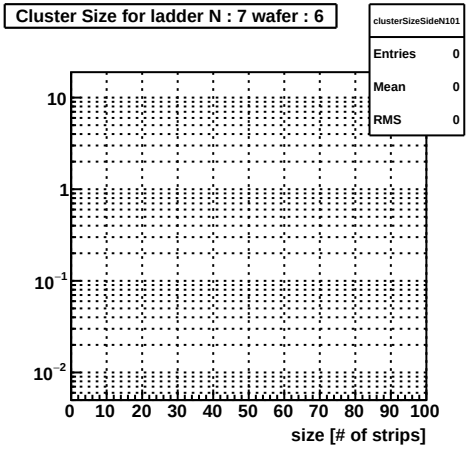

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

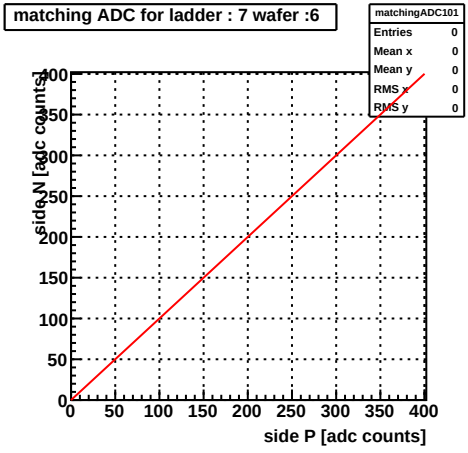

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

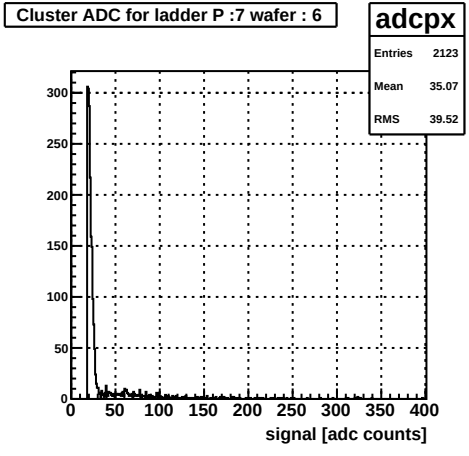

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1074
Mean 40.63
RMS 47.22
signal [adc counts]

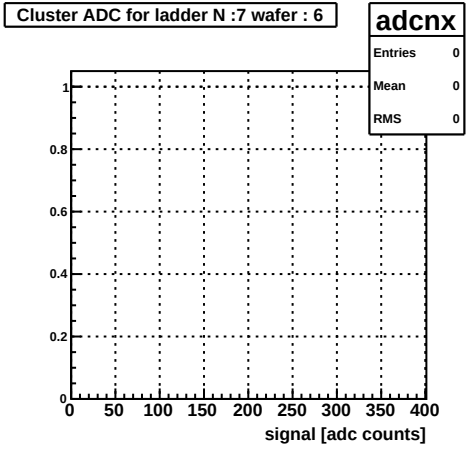

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

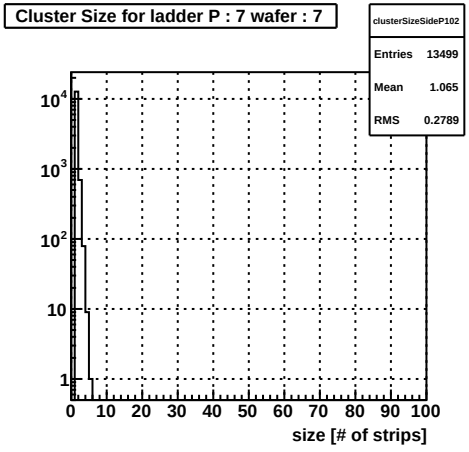

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2123
Mean 1.101
RMS 0.3914
size [# of strips]

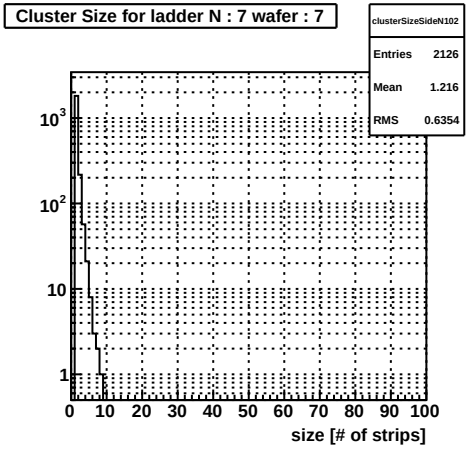

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

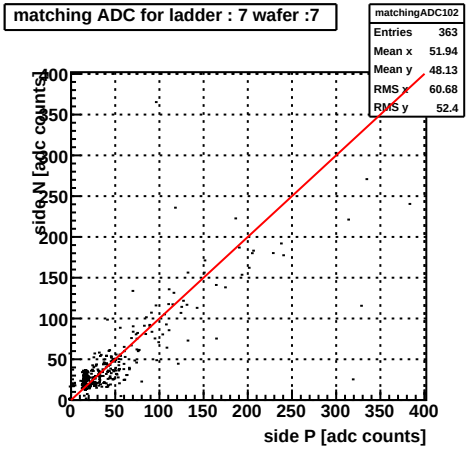

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

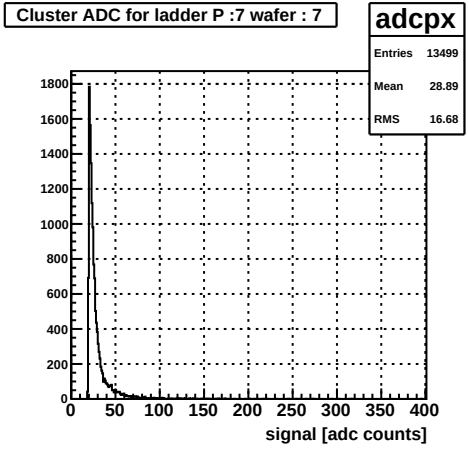

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2123
Mean 35.07
RMS 39.52
signal [adc counts]

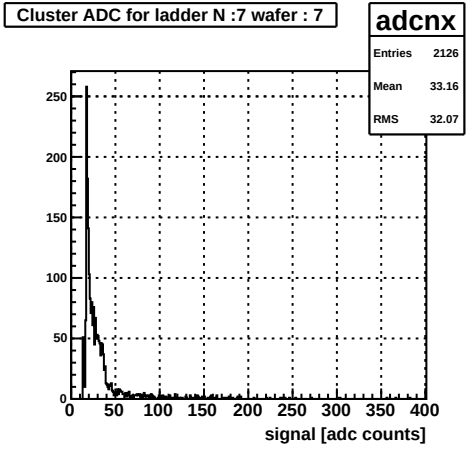

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

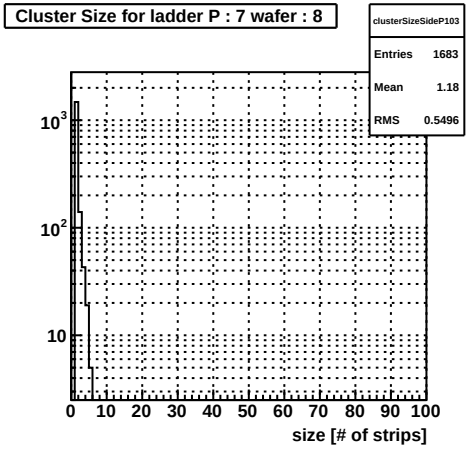

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13499
Mean 1.065
RMS 0.2789
size [# of strips]

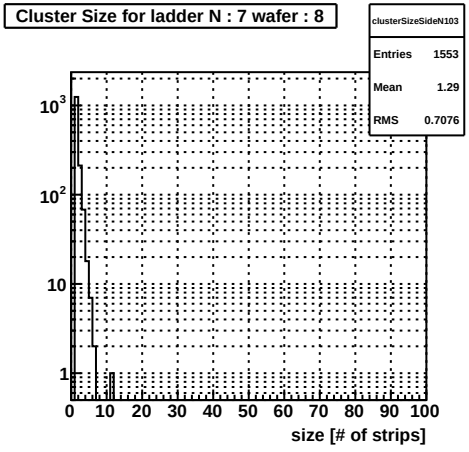

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2126
Mean 1.216
RMS 0.6354
size [# of strips]

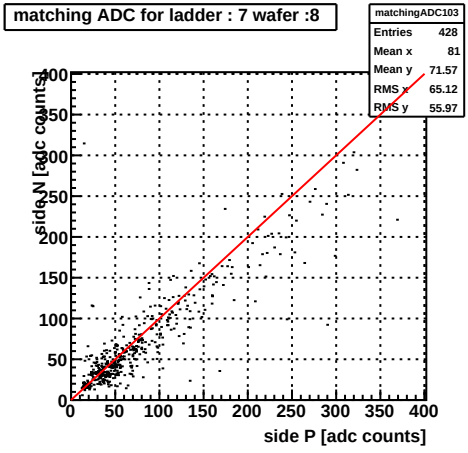

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 363
Mean x 51.94
Mean y 48.13
RMS x 60.68
RMS y 52.4
side N [adc counts]
side P [adc counts]

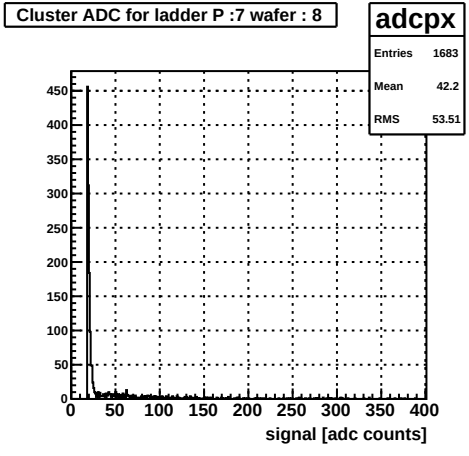

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13499
Mean 28.89
RMS 16.68
signal [adc counts]

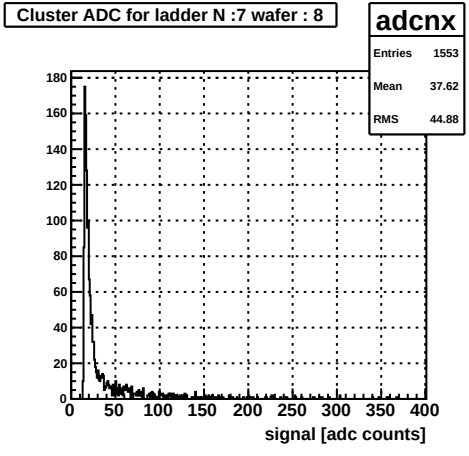

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2126
Mean 33.16
RMS 32.07
signal [adc counts]

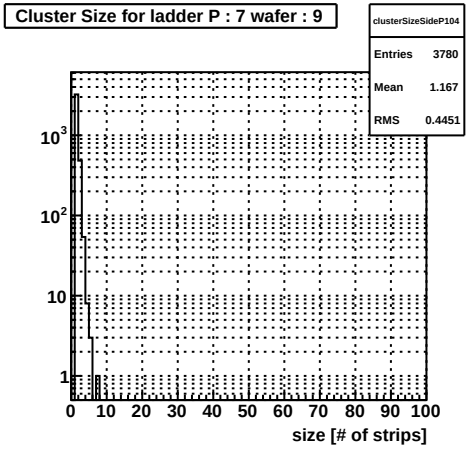

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1683
Mean 1.18
RMS 0.5496
size [# of strips]

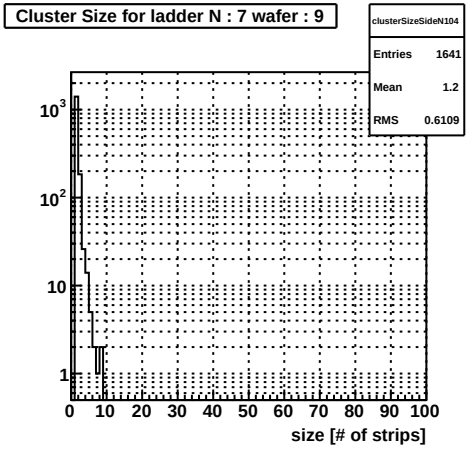

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1553
Mean 1.29
RMS 0.7076
size [# of strips]

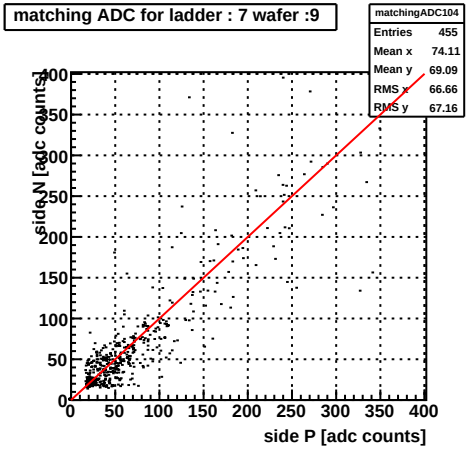

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 428
Mean x 81
Mean y 71.57
RMS x 65.12
RMS y 55.97
side N [adc counts]
side P [adc counts]

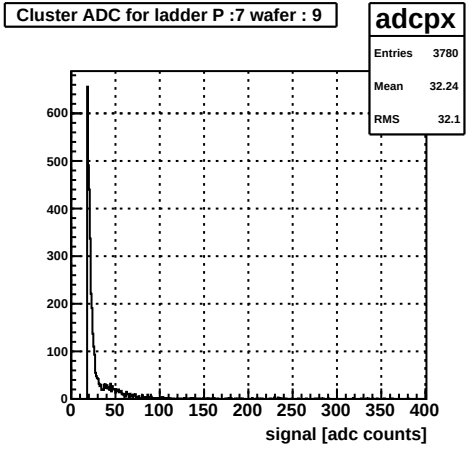

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1683
Mean 42.2
RMS 53.51
signal [adc counts]

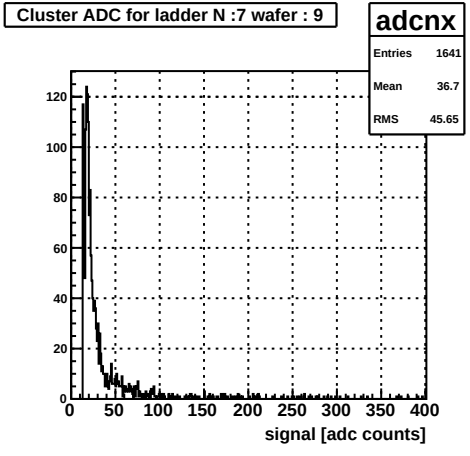

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1553
Mean 37.62
RMS 44.88
signal [adc counts]

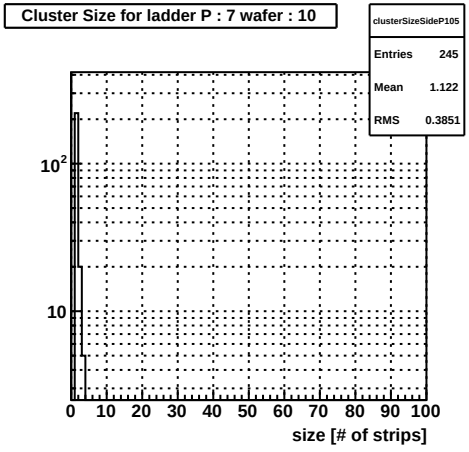

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3780
Mean 1.167
RMS 0.4451
size [# of strips]

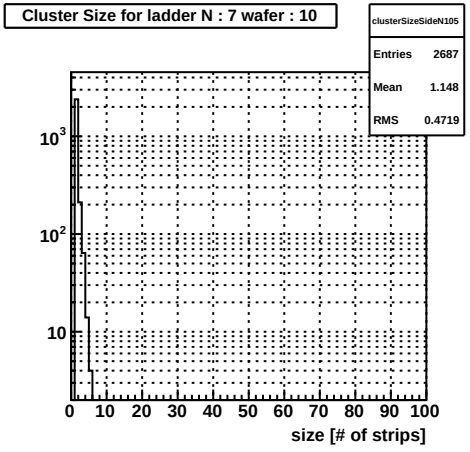

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1641
Mean 1.2
RMS 0.6109
size [# of strips]

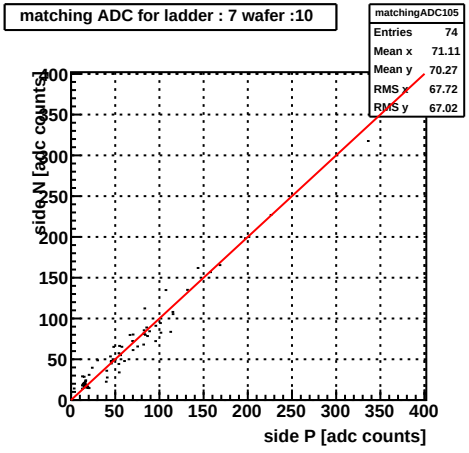

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 455
Mean x 74.11
Mean y 69.09
RMS x 66.66
RMS y 67.16
side N [adc counts]
side P [adc counts]

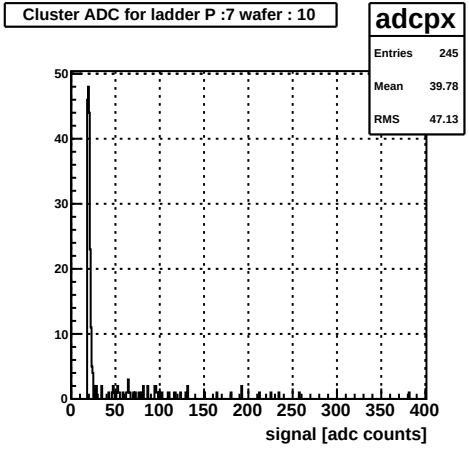

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3780
Mean 32.24
RMS 32.1
signal [adc counts]

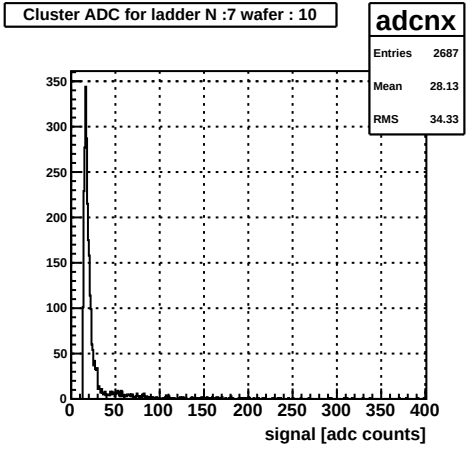

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1641
Mean 36.7
RMS 45.65
signal [adc counts]

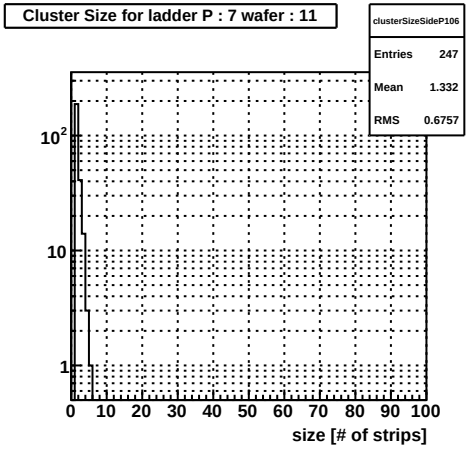

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 245
Mean 1.122
RMS 0.3851
size [# of strips]

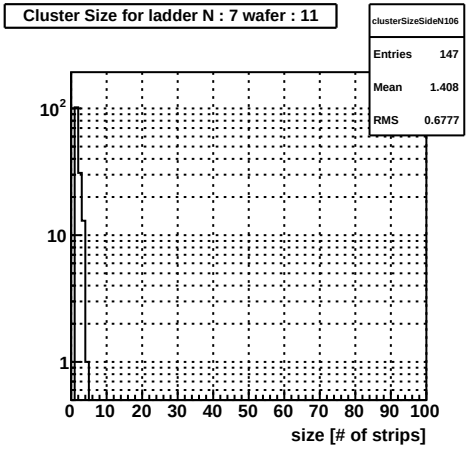

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2687
Mean 1.148
RMS 0.4719
size [# of strips]

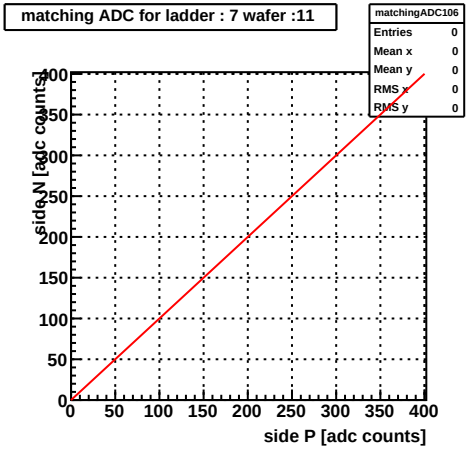

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 74
Mean x 71.11
Mean y 70.27
RMS x 67.72
RMS y 67.02
side N [adc counts]
side P [adc counts]

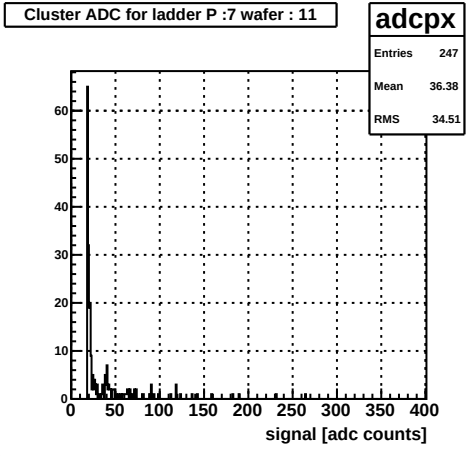

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 245
Mean 39.78
RMS 47.13
signal [adc counts]

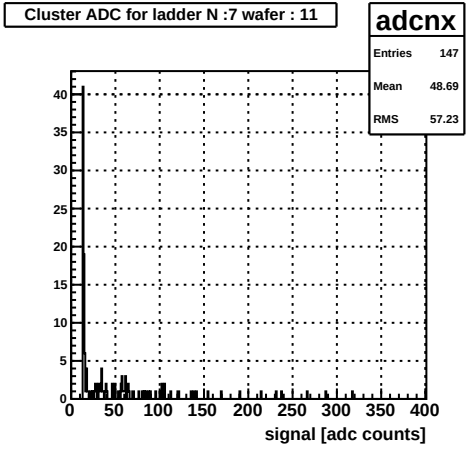

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2687
Mean 28.13
RMS 34.33
signal [adc counts]

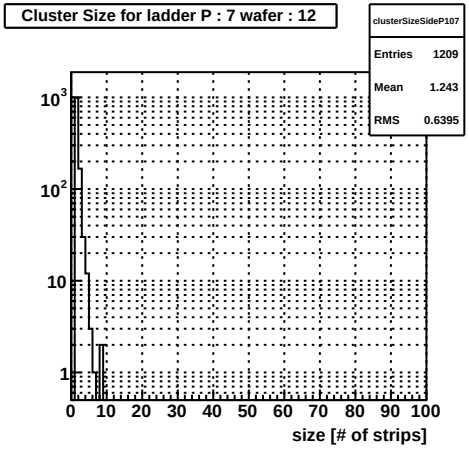

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 247
Mean 1.332
RMS 0.6757
size [# of strips]

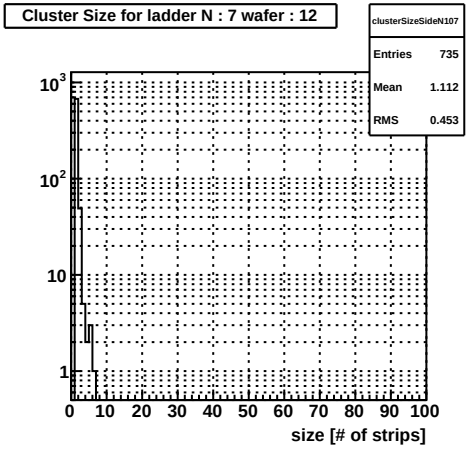

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 147
Mean 1.408
RMS 0.6777
size [# of strips]

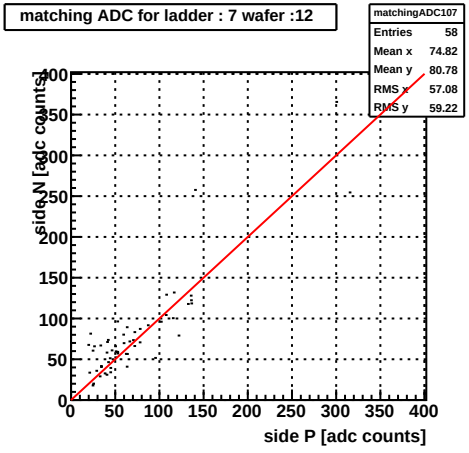

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

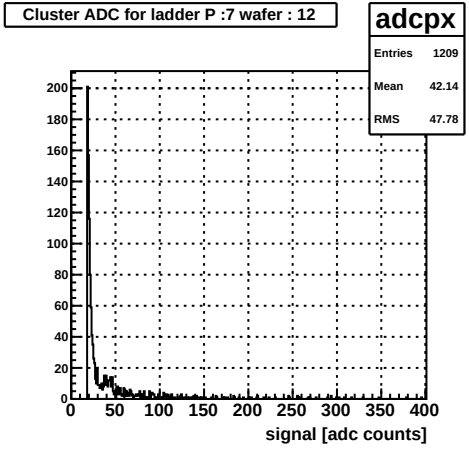

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 247
Mean 36.38
RMS 34.51
signal [adc counts]

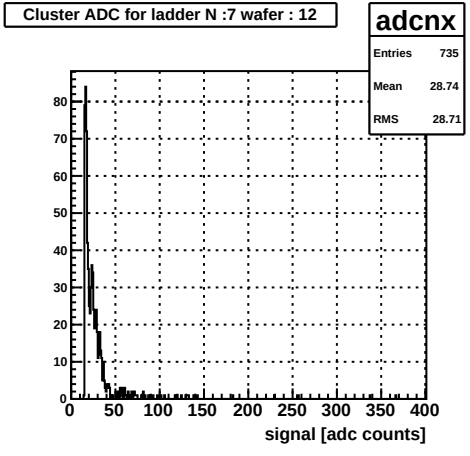

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 147
Mean 48.69
RMS 57.23
signal [adc counts]

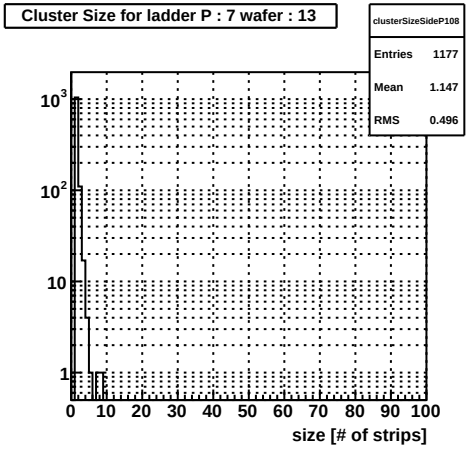

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1209
Mean 1.243
RMS 0.6395
size [# of strips]

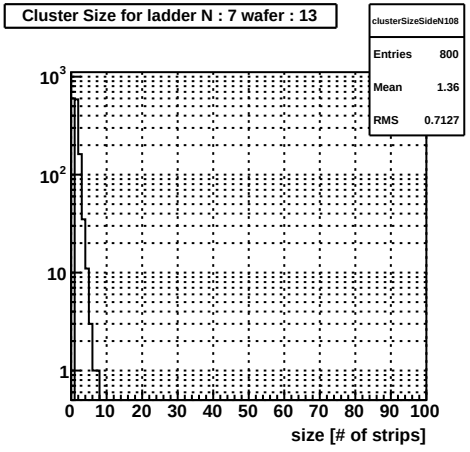

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 735
Mean 1.112
RMS 0.453
size [# of strips]

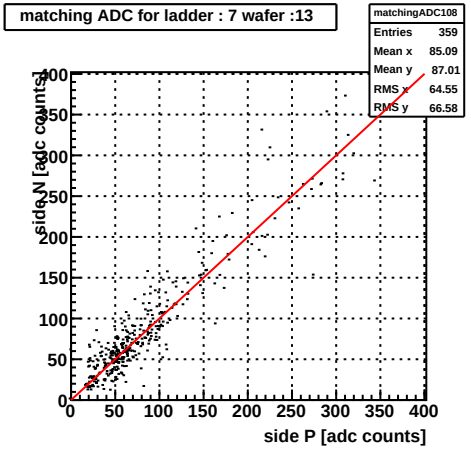

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 58
Mean x 74.82
Mean y 80.78
RMS x 57.08
RMS y 59.22
side N [adc counts]
side P [adc counts]

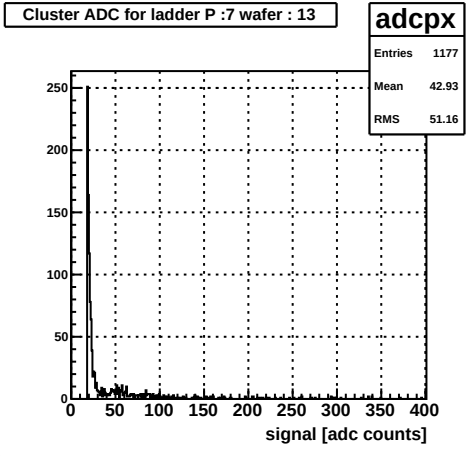

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1209
Mean 42.14
RMS 47.78
signal [adc counts]

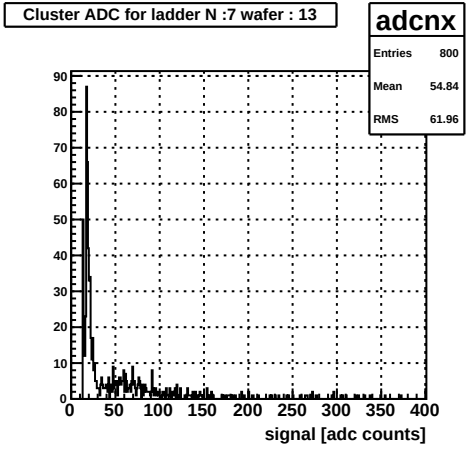

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 735
Mean 28.74
RMS 28.71
signal [adc counts]

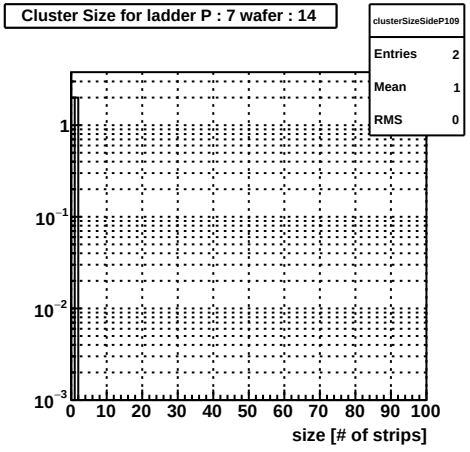

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1177
Mean 1.147
RMS 0.496
size [# of strips]

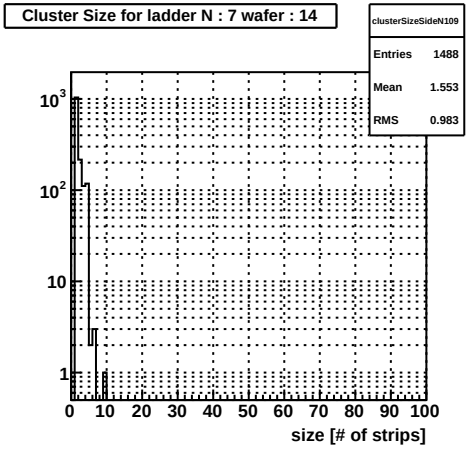

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 800
Mean 1.36
RMS 0.7127
size [# of strips]

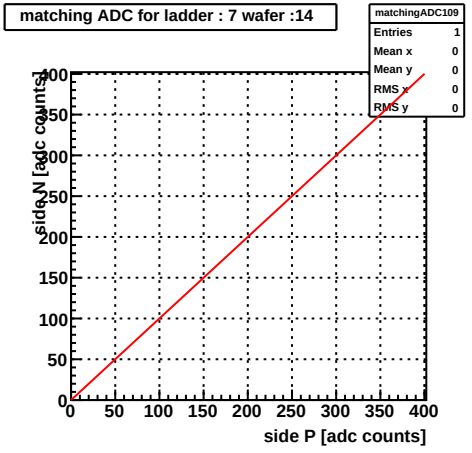

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 359
Mean x 85.09
Mean y 87.01
RMS x 64.55
RMS y 66.58
side N [adc counts]
side P [adc counts]

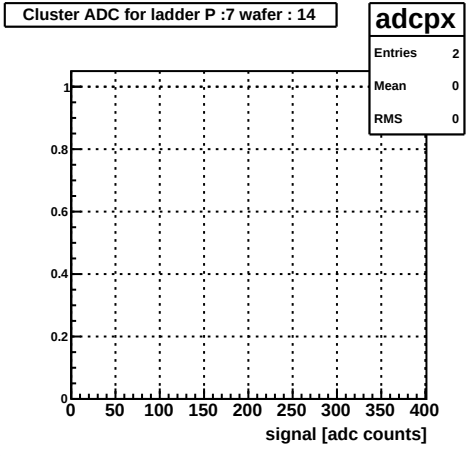

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1177
Mean 42.93
RMS 51.16
signal [adc counts]

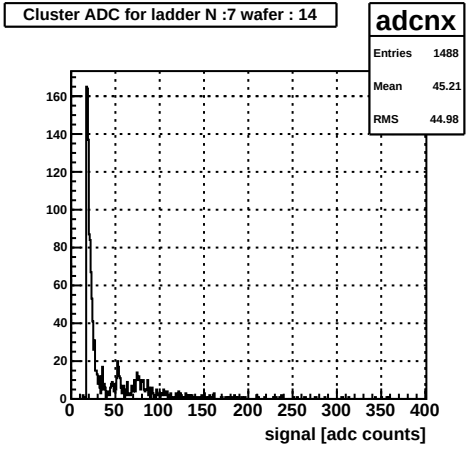

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 800
Mean 54.84
RMS 61.96
signal [adc counts]

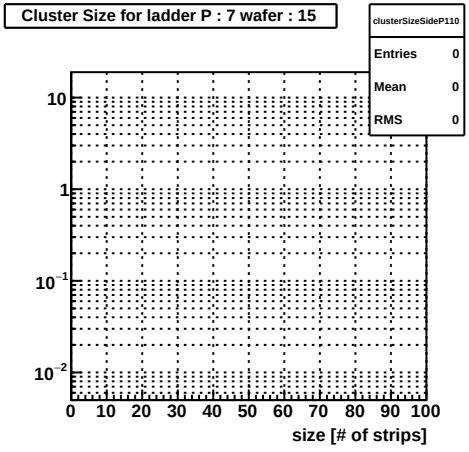

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2
Mean 1
RMS 0
size [# of strips]

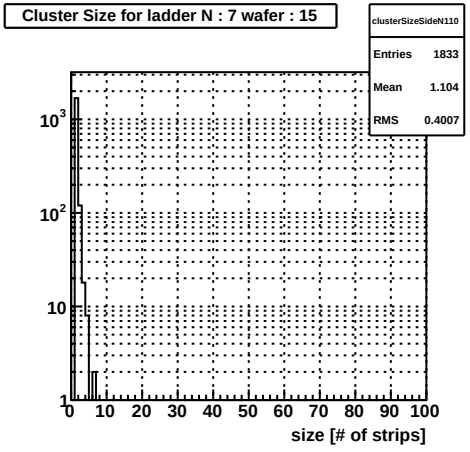

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1488
Mean 1.553
RMS 0.983
size [# of strips]

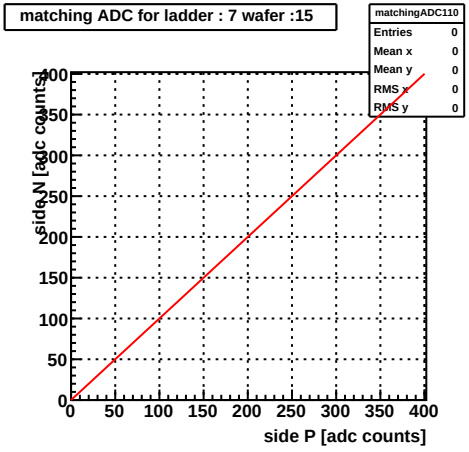

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

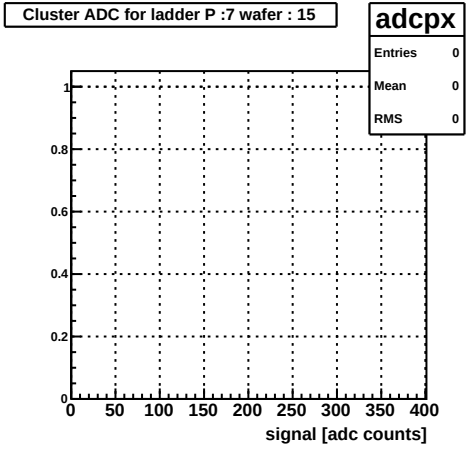

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

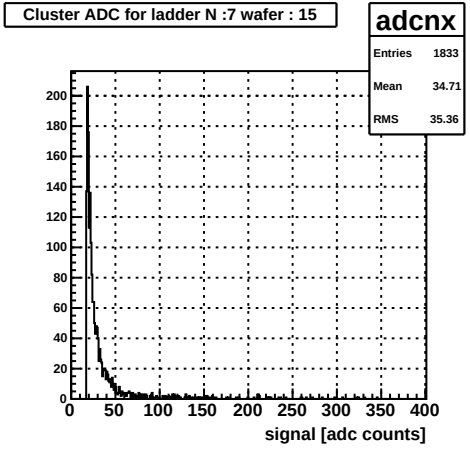

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1488
Mean 45.21
RMS 44.98
signal [adc counts]

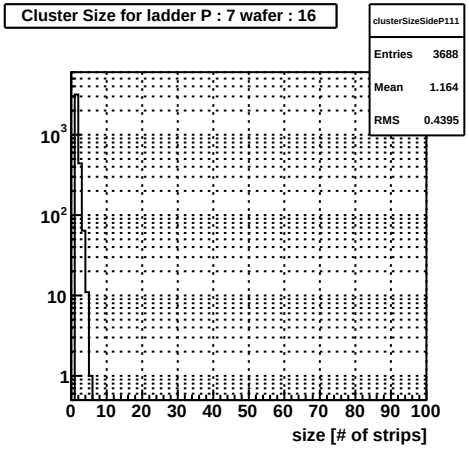

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

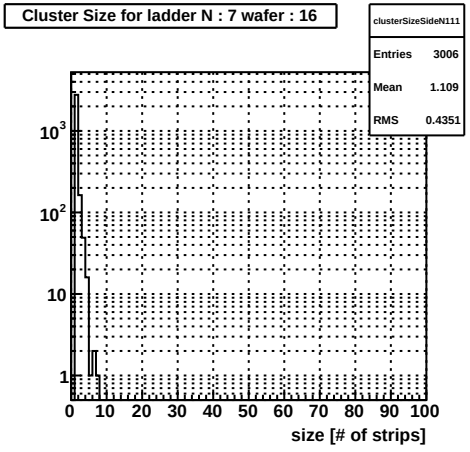

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1833
Mean 1.104
RMS 0.4007
size [# of strips]

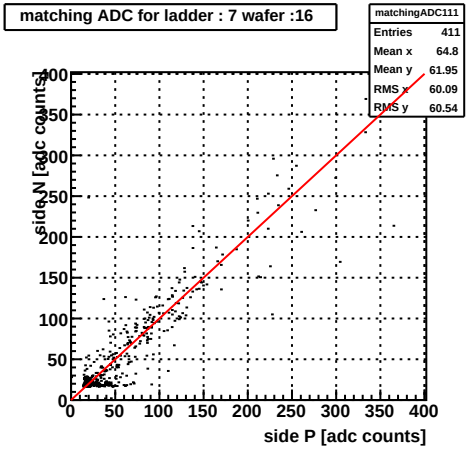

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

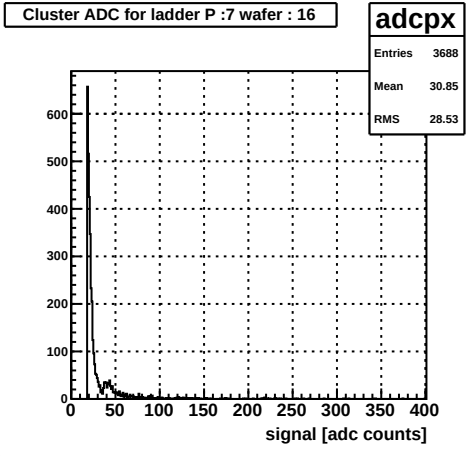

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

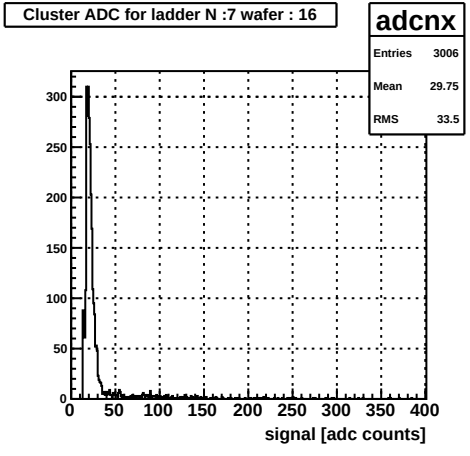

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1833
Mean 34.71
RMS 35.36
signal [adc counts]

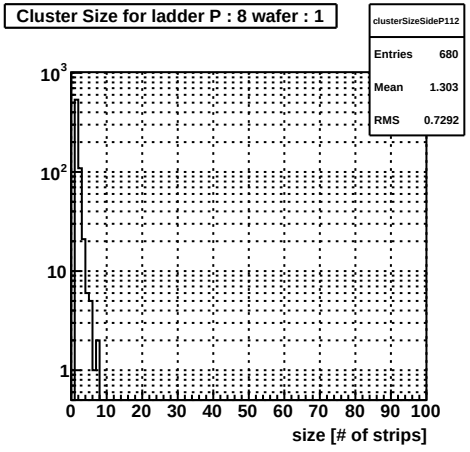

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3688
Mean 1.164
RMS 0.4395
size [# of strips]

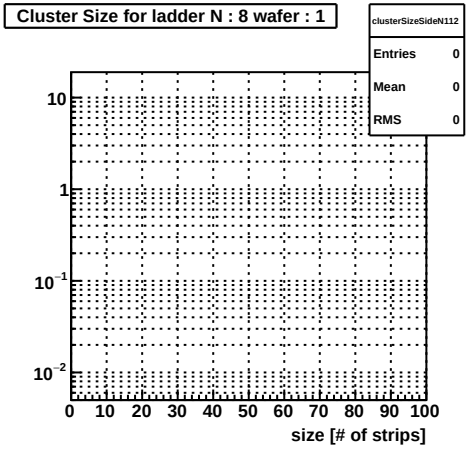

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3006
Mean 1.109
RMS 0.4351
size [# of strips]

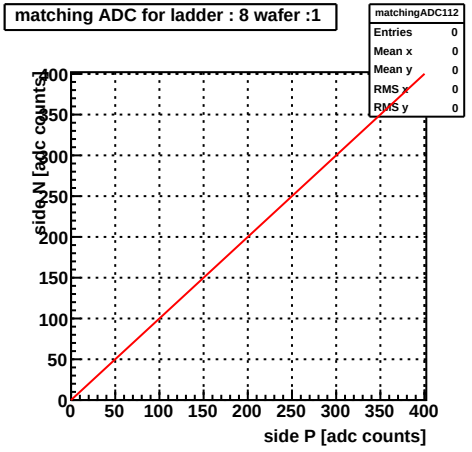

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 411
Mean x 64.8
Mean y 61.95
RMS x 60.09
RMS y 60.54
side N [adc counts]
side P [adc counts]

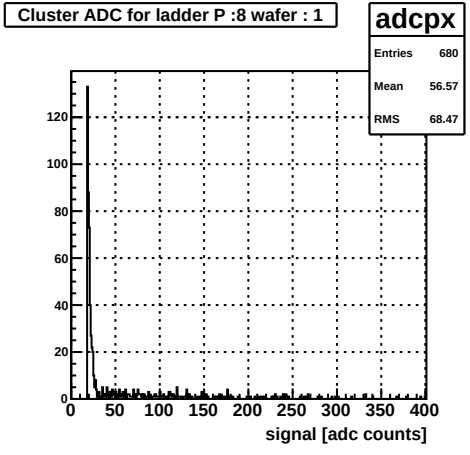

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3688
Mean 30.85
RMS 28.53
signal [adc counts]

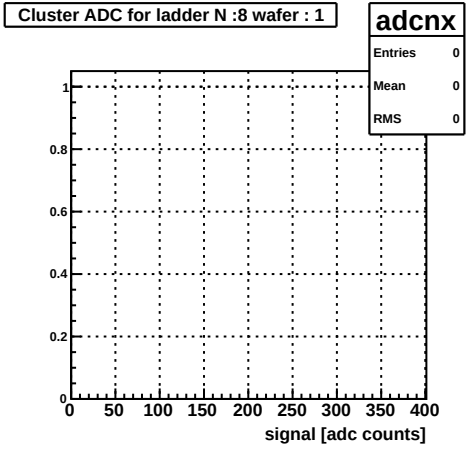

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3006
Mean 29.75
RMS 33.5
signal [adc counts]

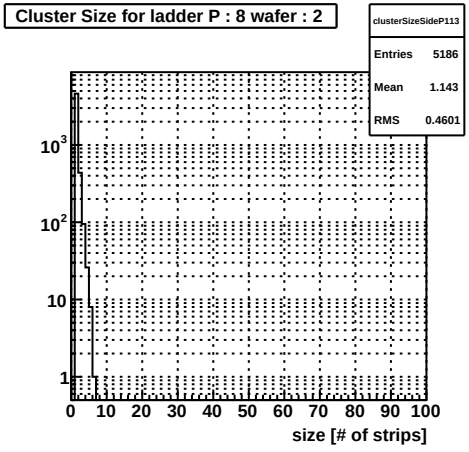

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 680
Mean 1.303
RMS 0.7292
size [# of strips]

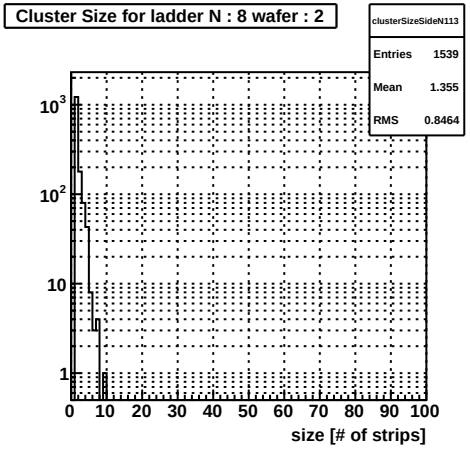

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

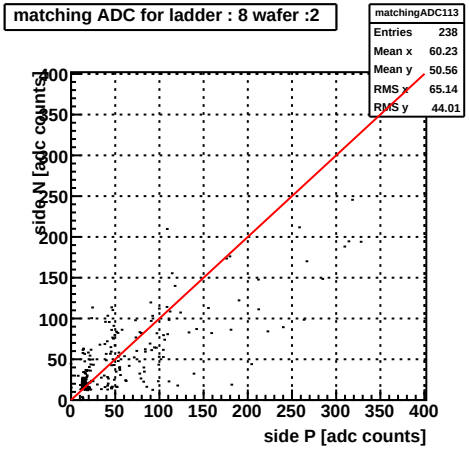

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

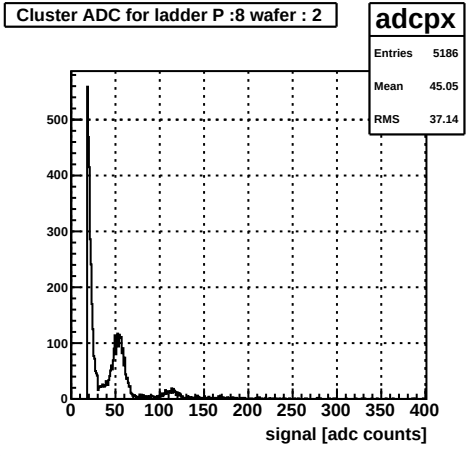

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 680
Mean 56.57
RMS 68.47
signal [adc counts]

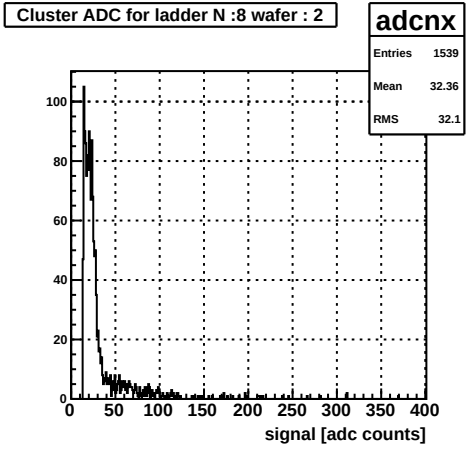

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

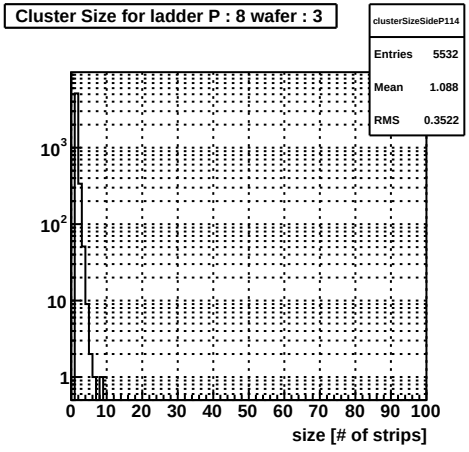

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5186
Mean 1.143
RMS 0.4601
size [# of strips]

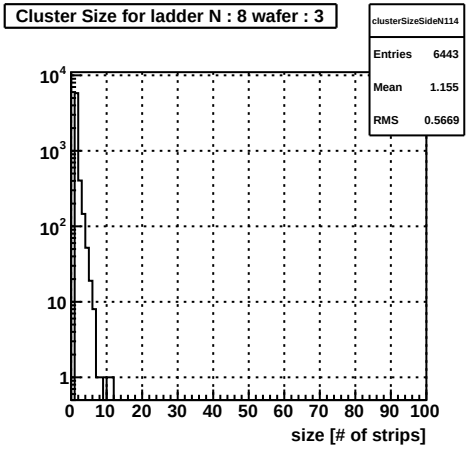

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1539
Mean 1.355
RMS 0.8464
size [# of strips]

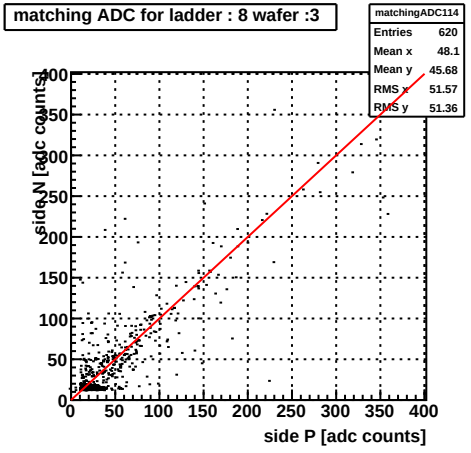

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 238
Mean x 60.23
Mean y 50.56
RMS x 65.14
RMS y 44.01
side N [adc counts]
side P [adc counts]

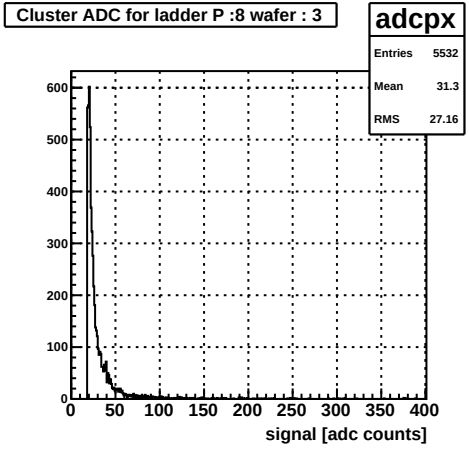

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5186
Mean 45.05
RMS 37.14
signal [adc counts]

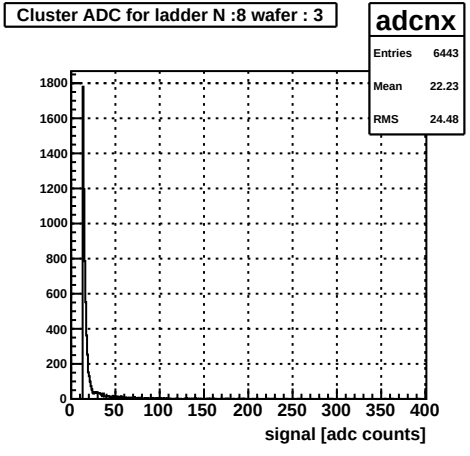

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1539
Mean 32.36
RMS 32.1
signal [adc counts]

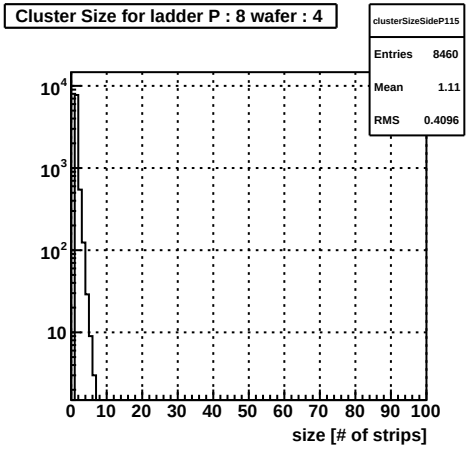

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5532
Mean 1.088
RMS 0.3522
size [# of strips]

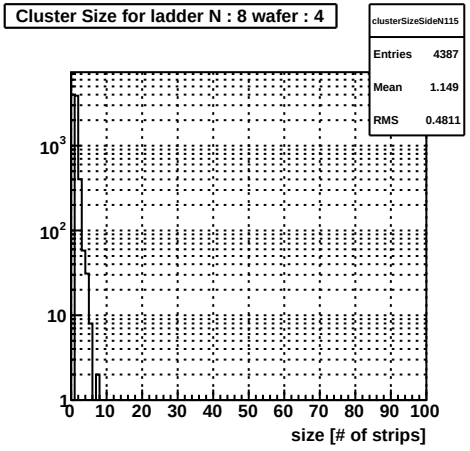

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6443
Mean 1.155
RMS 0.5669
size [# of strips]

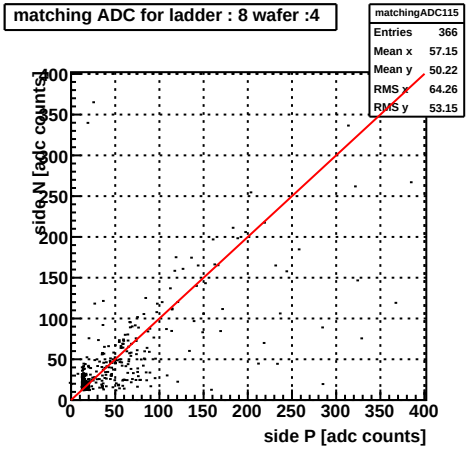

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 620
Mean x 48.1
Mean y 45.68
RMS x 51.57
RMS y 51.36
side N [adc counts]
side P [adc counts]

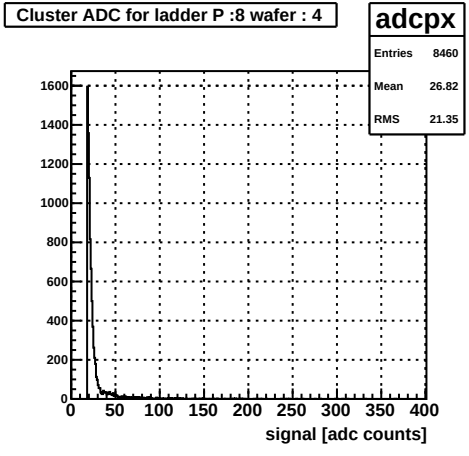

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5532
Mean 31.3
RMS 27.16
signal [adc counts]

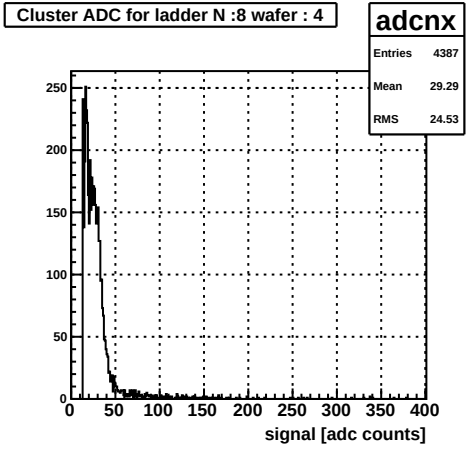

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6443
Mean 22.23
RMS 24.48
signal [adc counts]

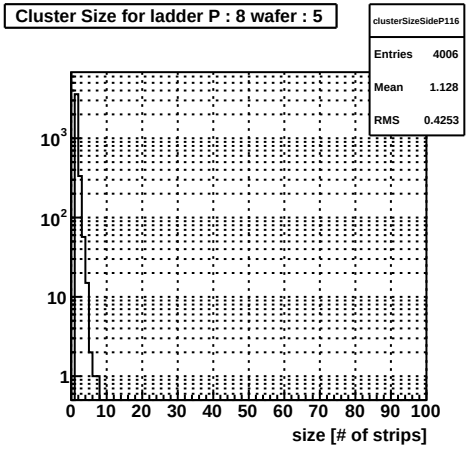

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 8460
Mean 1.11
RMS 0.4096
size [# of strips]

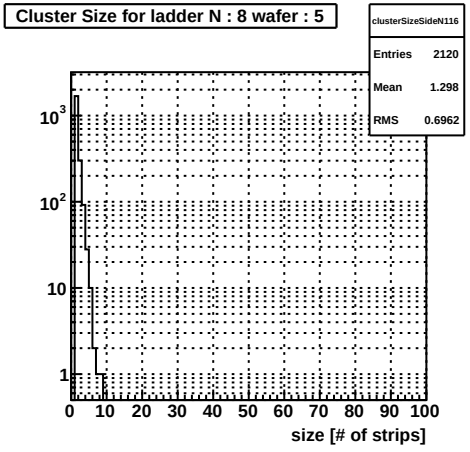

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4387
Mean 1.149
RMS 0.4811
size [# of strips]

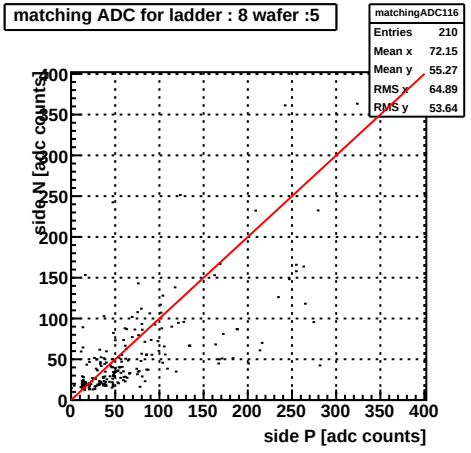

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 366
Mean x 57.15
Mean y 50.22
RMS x 64.26
RMS y 53.15
side N [adc counts]
side P [adc counts]

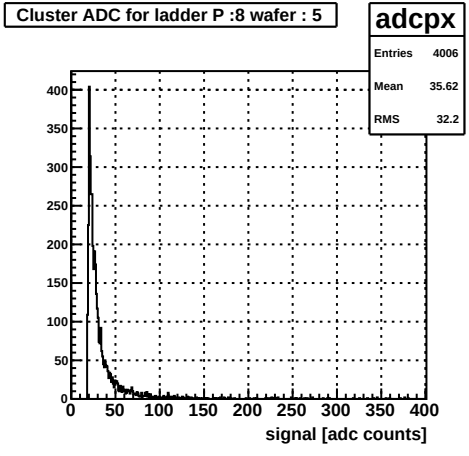

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 8460
Mean 26.82
RMS 21.35
signal [adc counts]

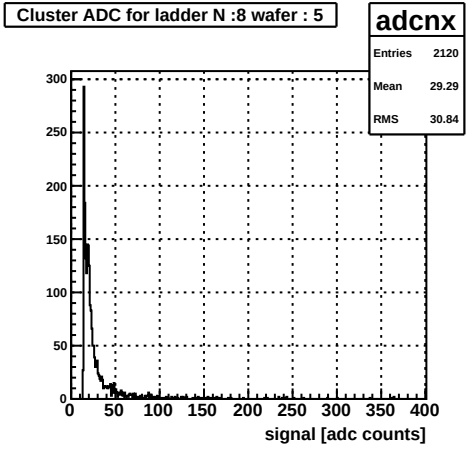

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4387
Mean 29.29
RMS 24.53
signal [adc counts]

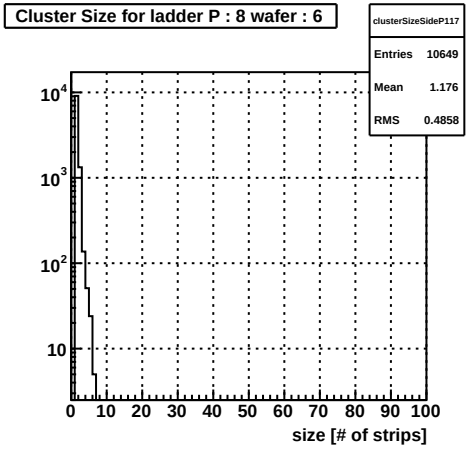

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4006
Mean 1.128
RMS 0.4253
size [# of strips]

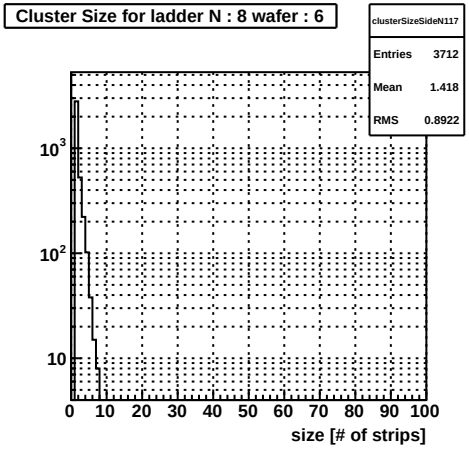

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2120
Mean 1.298
RMS 0.6962
size [# of strips]

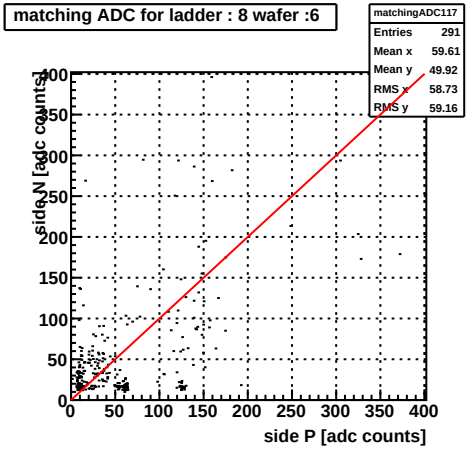

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 210
Mean x 72.15
Mean y 55.27
RMS x 64.89
RMS y 53.64
side N [adc counts]
side P [adc counts]

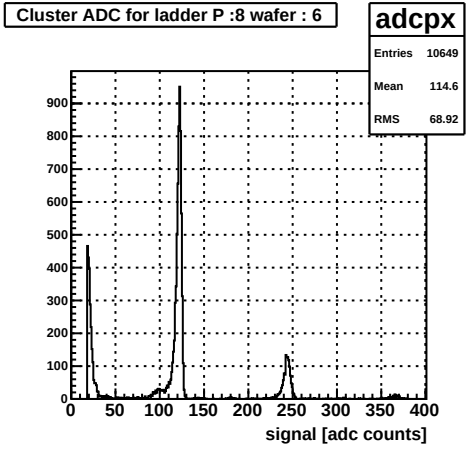

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4006
Mean 35.62
RMS 32.2
signal [adc counts]

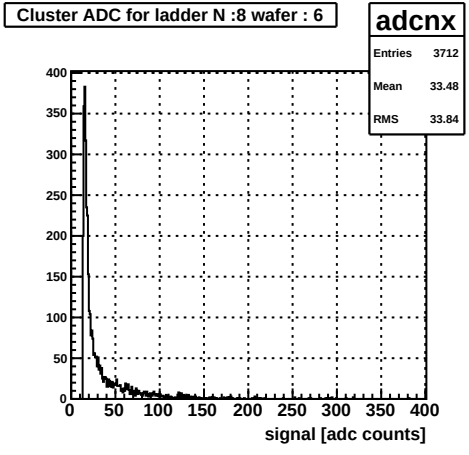

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2120
Mean 29.29
RMS 30.84
signal [adc counts]

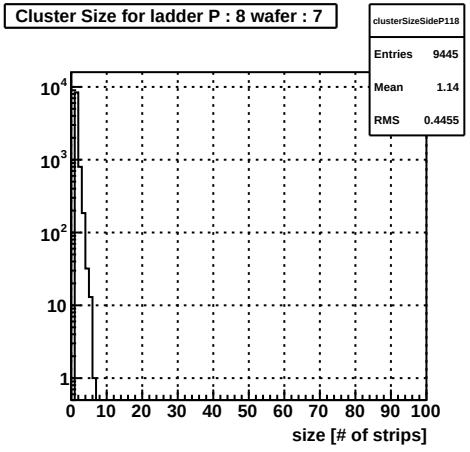

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 10649
Mean 1.176
RMS 0.4858
size [# of strips]

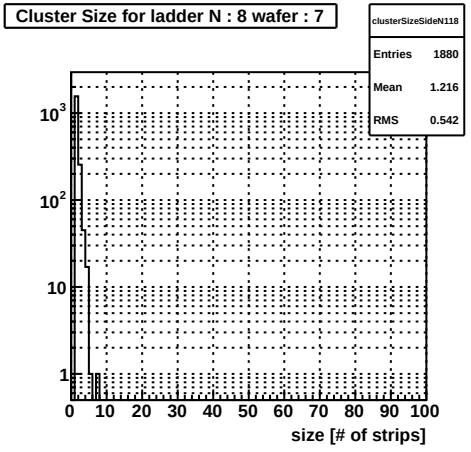

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 3712
Mean 1.418
RMS 0.8922
size [# of strips]

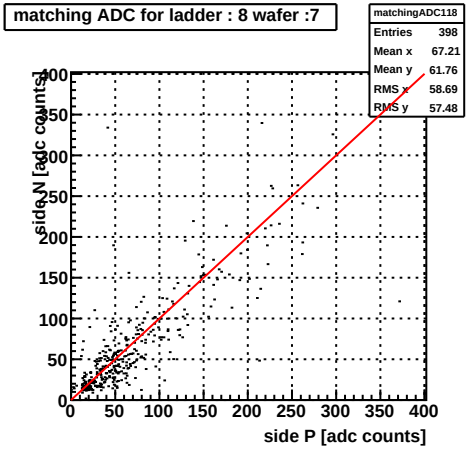

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 291
Mean x 59.61
Mean y 49.92
RMS x 58.73
RMS y 59.16
side N [adc counts]
side P [adc counts]

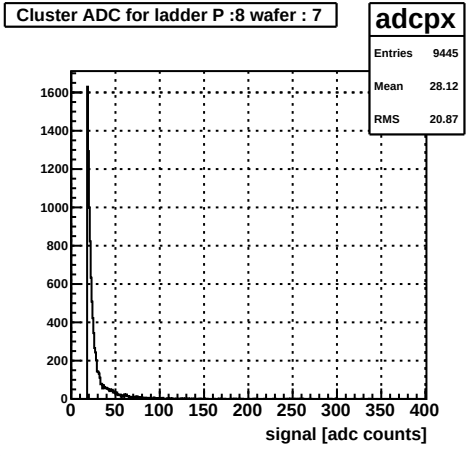

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 10649
Mean 114.6
RMS 68.92
signal [adc counts]

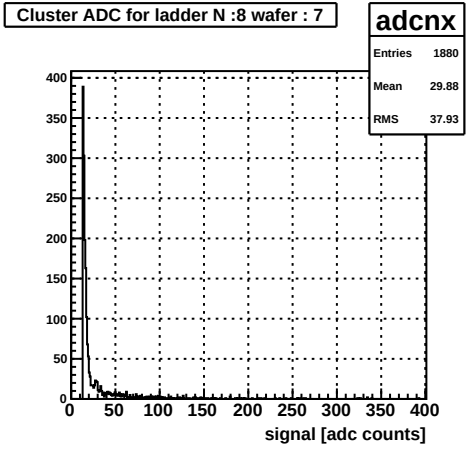

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 3712
Mean 33.48
RMS 33.84
signal [adc counts]

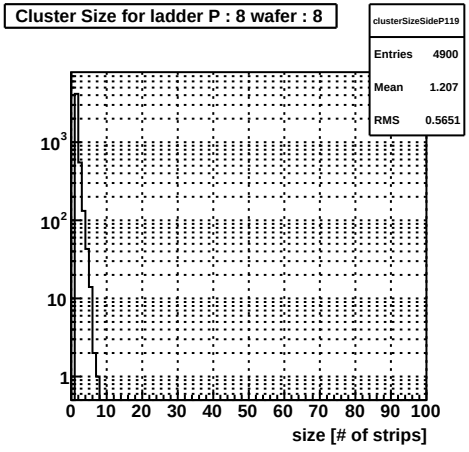

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 9445
Mean 1.14
RMS 0.4455
size [# of strips]

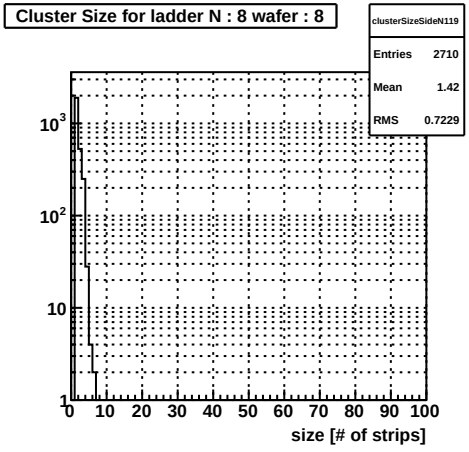

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1880
Mean 1.216
RMS 0.542
size [# of strips]

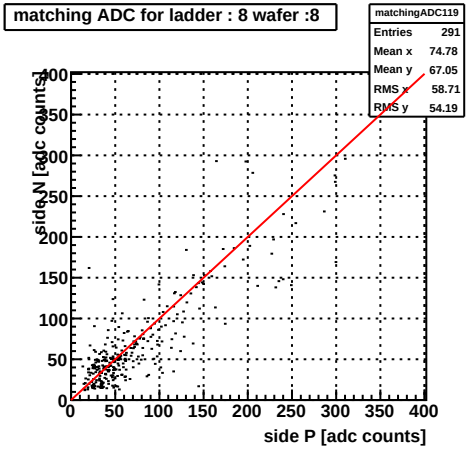

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 398
Mean x 67.21
Mean y 61.76
RMS x 58.69
RMS y 57.48
side N [adc counts]
side P [adc counts]

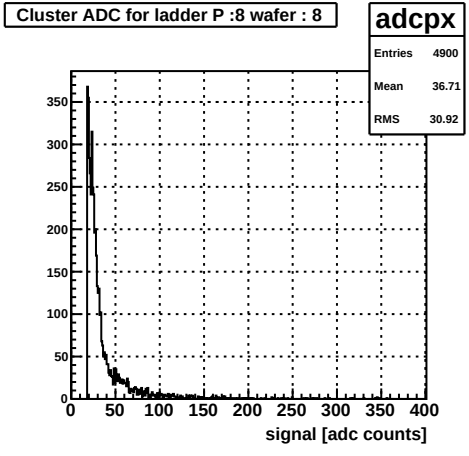

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 9445
Mean 28.12
RMS 20.87
signal [adc counts]

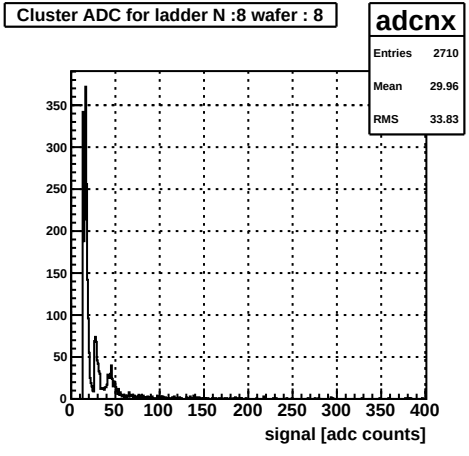

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1880
Mean 29.88
RMS 37.93
signal [adc counts]

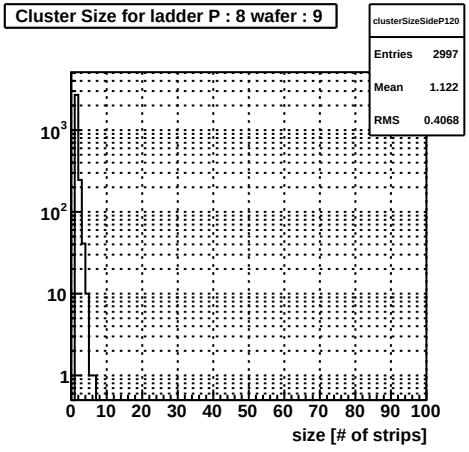

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4900
Mean 1.207
RMS 0.5651
size [# of strips]

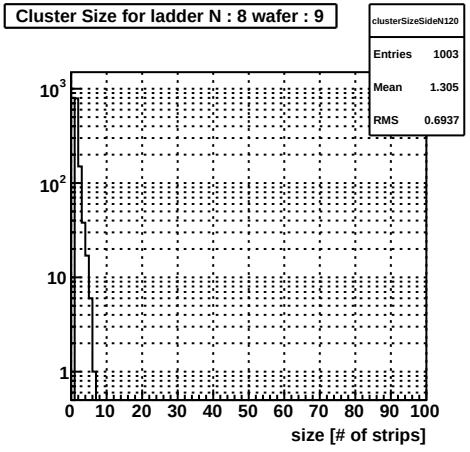

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2710
Mean 1.42
RMS 0.7229
size [# of strips]

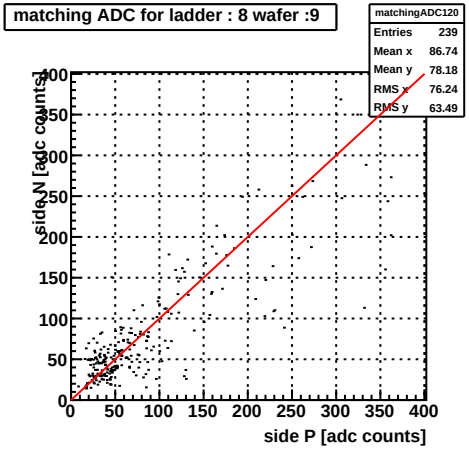

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 291
Mean x 74.78
Mean y 67.05
RMS x 58.71
RMS y 54.19
side N [adc counts]
side P [adc counts]

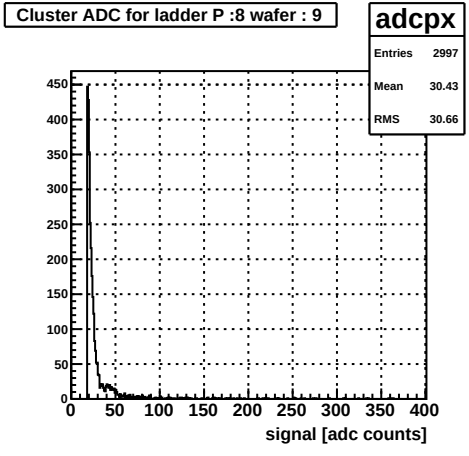

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4900
Mean 36.71
RMS 30.92
signal [adc counts]

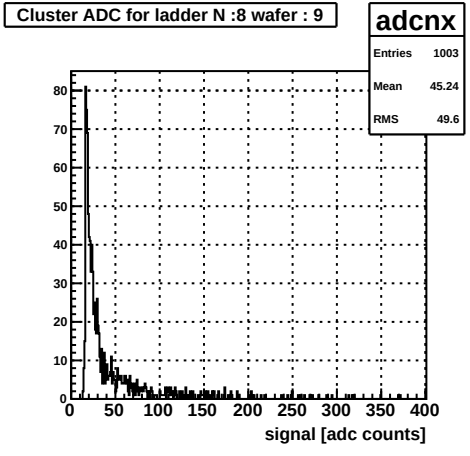

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2710
Mean 29.96
RMS 33.83
signal [adc counts]

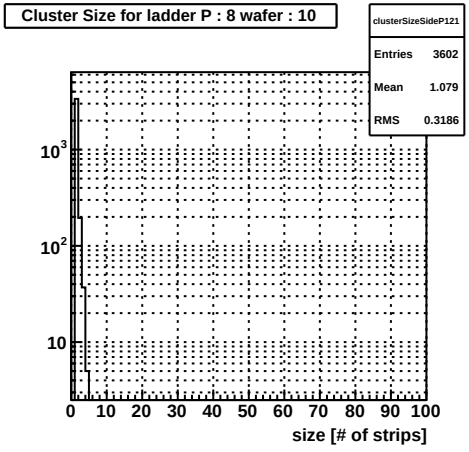

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2997
Mean 1.122
RMS 0.4068
size [# of strips]

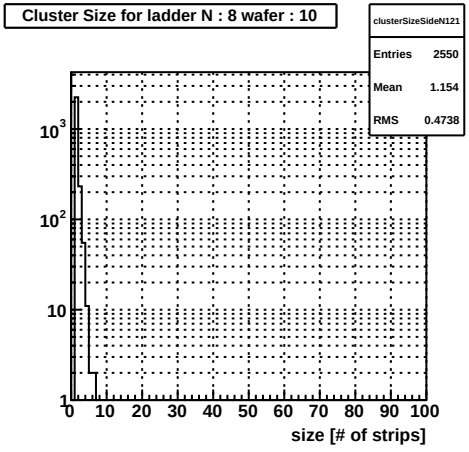

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1003
Mean 1.305
RMS 0.6937
size [# of strips]

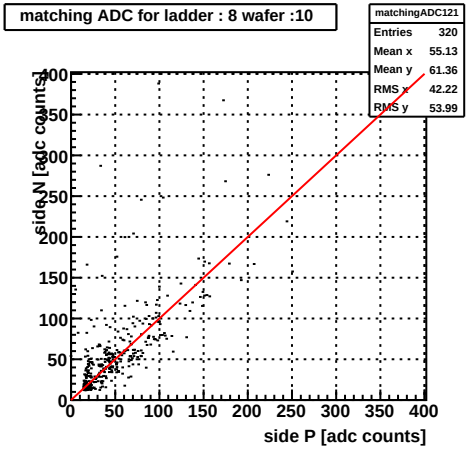

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 239
Mean x 86.74
Mean y 78.18
RMS x 76.24
RMS y 63.49
side N [adc counts]
side P [adc counts]

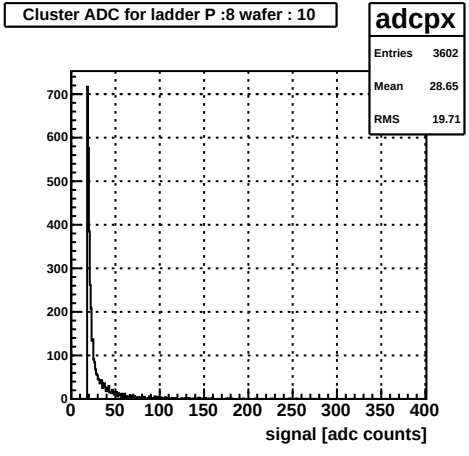

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2997
Mean 30.43
RMS 30.66
signal [adc counts]

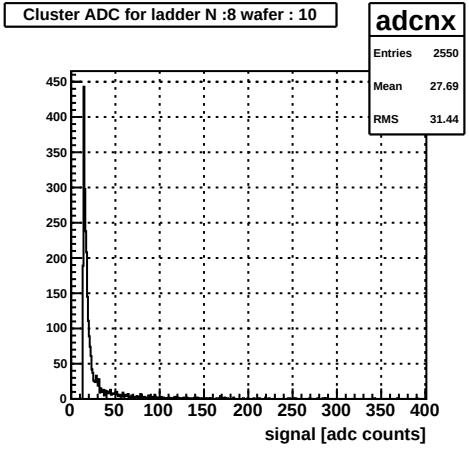

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1003
Mean 45.24
RMS 49.6
signal [adc counts]

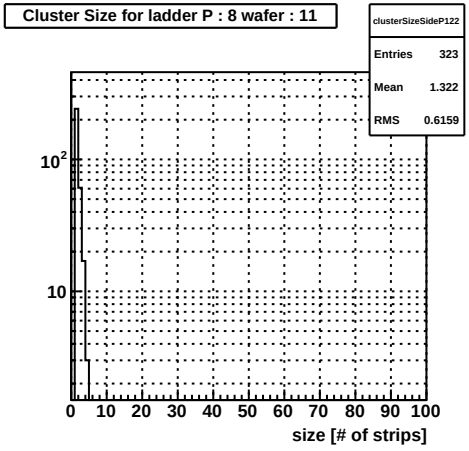

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3602
Mean 1.079
RMS 0.3186
size [# of strips]

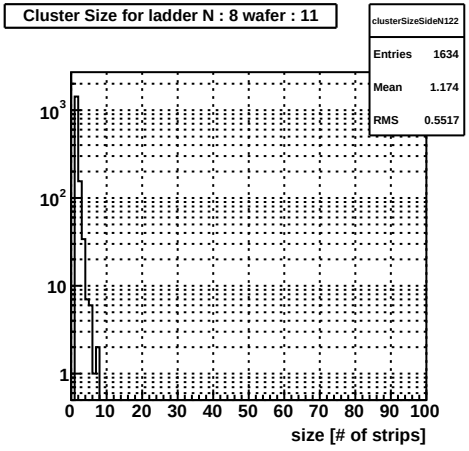

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2550
Mean 1.154
RMS 0.4738
size [# of strips]

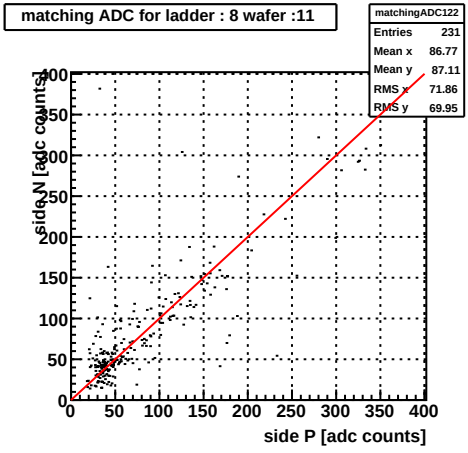

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 320
Mean x 55.13
Mean y 61.36
RMS x 42.22
RMS y 53.99
side N [adc counts]
side P [adc counts]

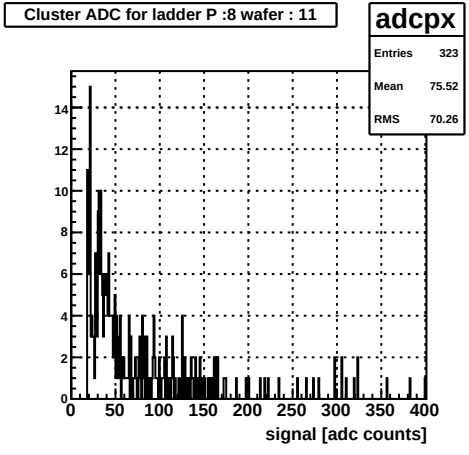

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3602
Mean 28.65
RMS 19.71
signal [adc counts]

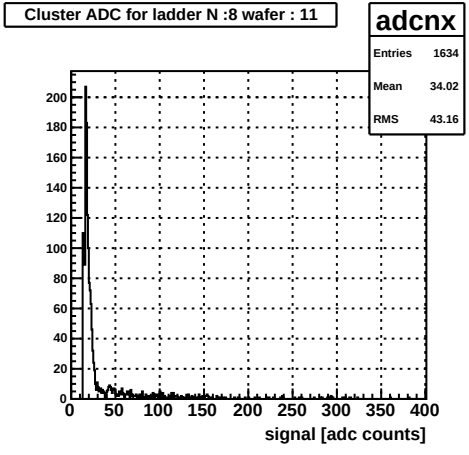

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2550
Mean 27.69
RMS 31.44
signal [adc counts]

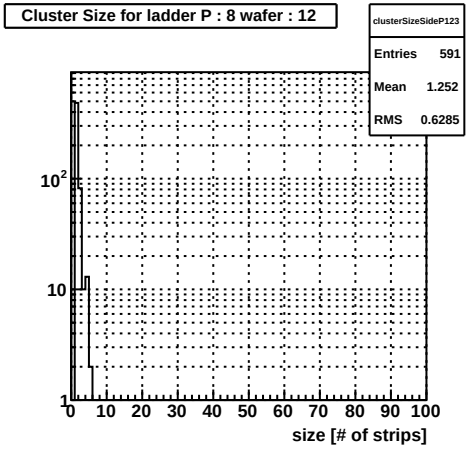

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 323
Mean 1.322
RMS 0.6159
size [# of strips]

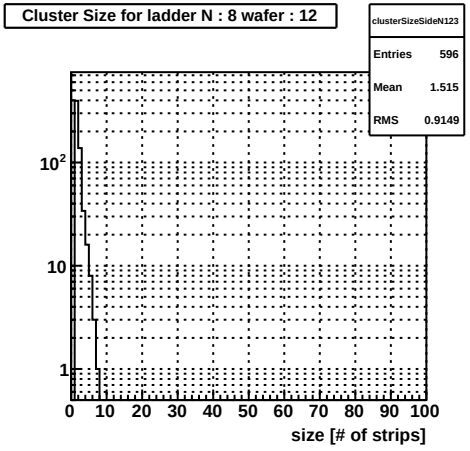

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1634
Mean 1.174
RMS 0.5517
size [# of strips]

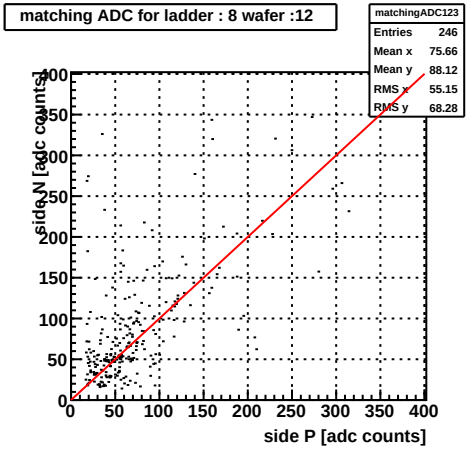

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 231
Mean x 86.77
Mean y 87.11
RMS x 71.86
RMS y 69.95
side N [adc counts]
side P [adc counts]

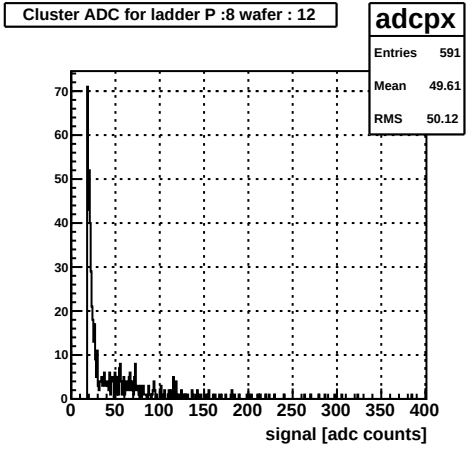

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 323
Mean 75.52
RMS 70.26
signal [adc counts]

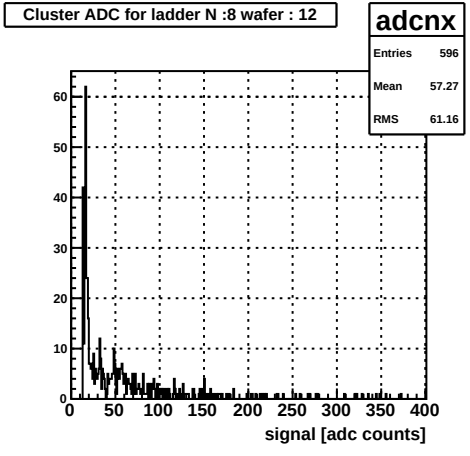

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1634
Mean 34.02
RMS 43.16
signal [adc counts]

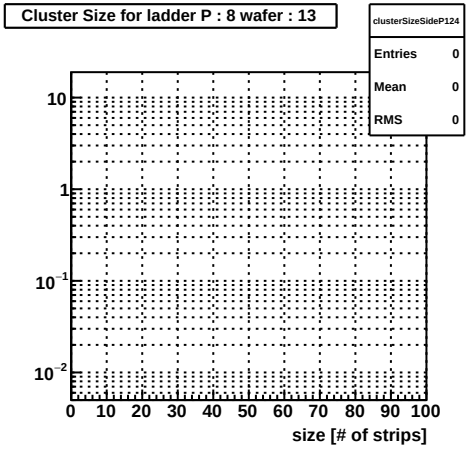

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 591
Mean 1.252
RMS 0.6285
size [# of strips]

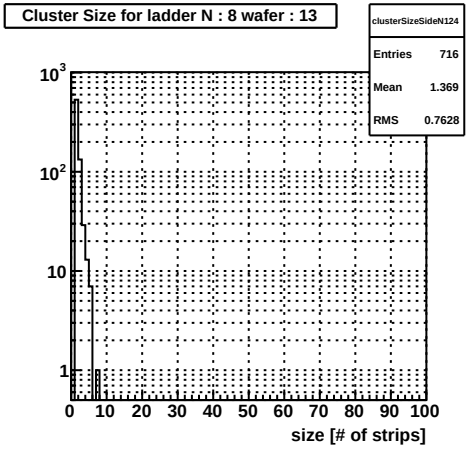

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 596
Mean 1.515
RMS 0.9149
size [# of strips]

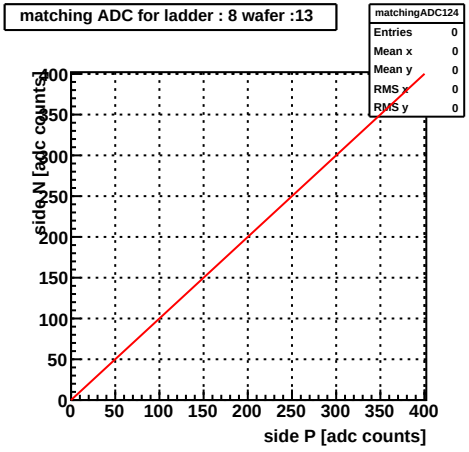

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 246
Mean x 75.66
Mean y 88.12
RMS x 55.15
RMS y 68.28
side N [adc counts]
side P [adc counts]

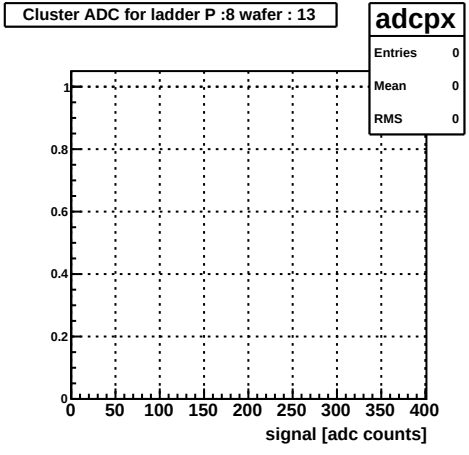

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 591
Mean 49.61
RMS 50.12
signal [adc counts]

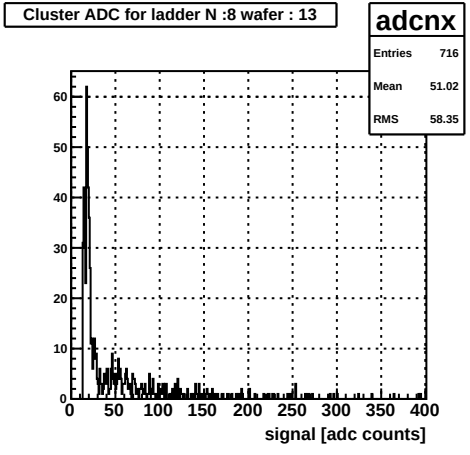

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 596
Mean 57.27
RMS 61.16
signal [adc counts]

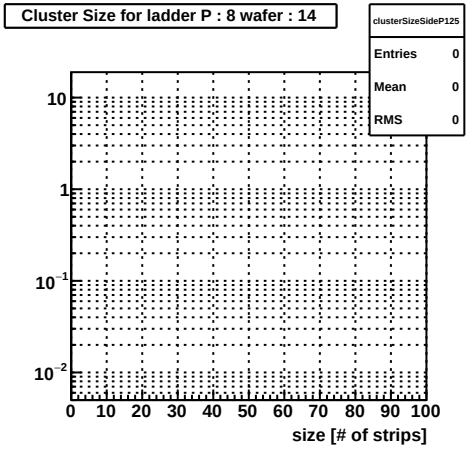

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

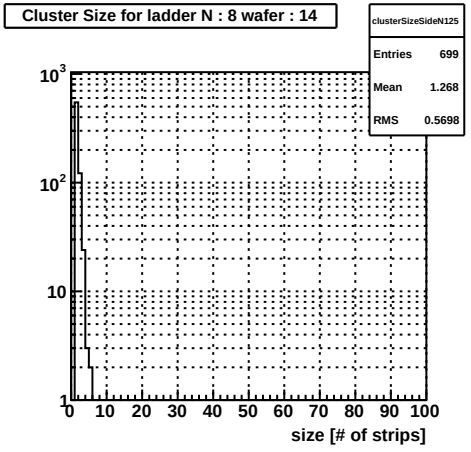

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 716
Mean 1.369
RMS 0.7628
size [# of strips]

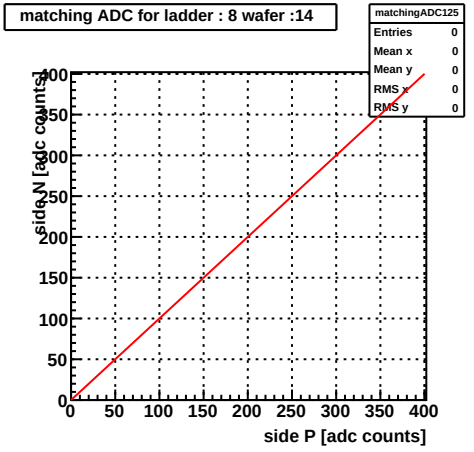

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

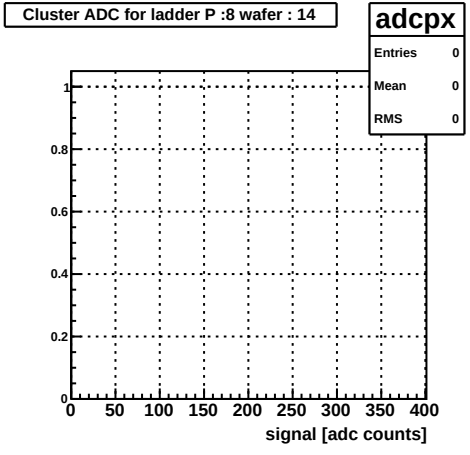

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

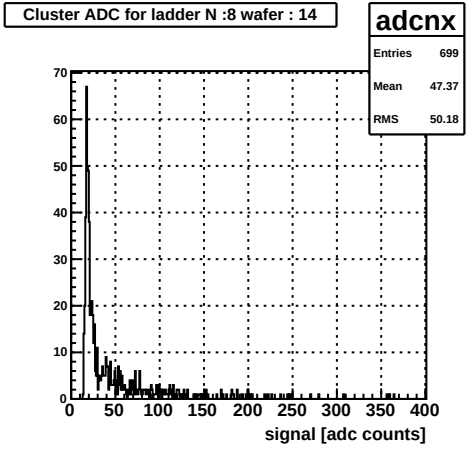

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 716
Mean 51.02
RMS 58.35
signal [adc counts]

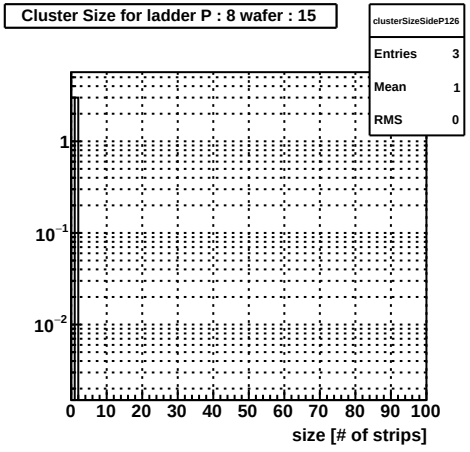

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

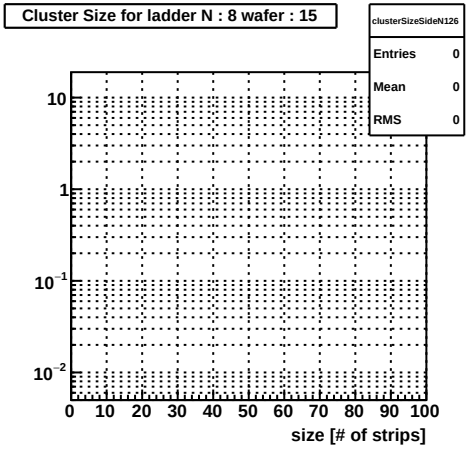

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 699
Mean 1.268
RMS 0.5698
size [# of strips]

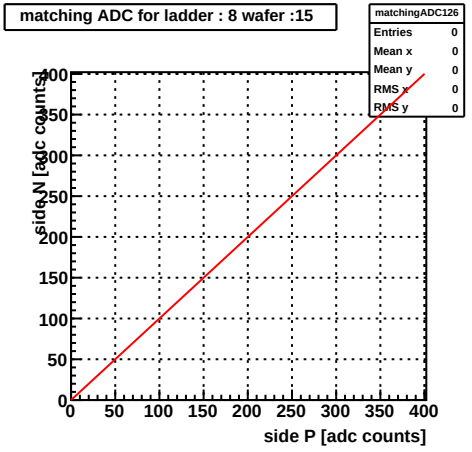

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

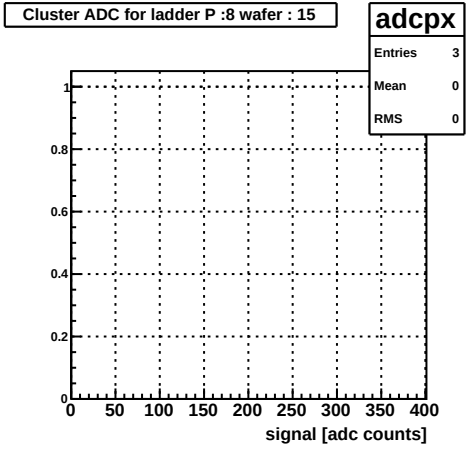

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

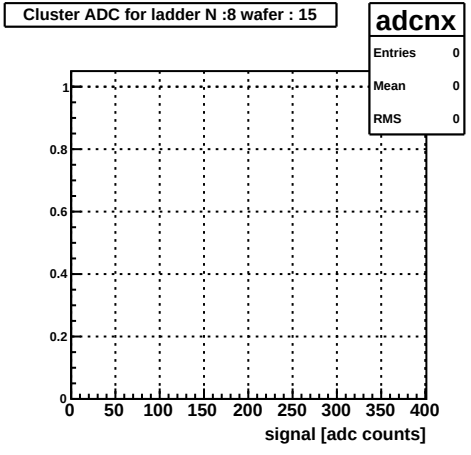

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 699
Mean 47.37
RMS 50.18
signal [adc counts]

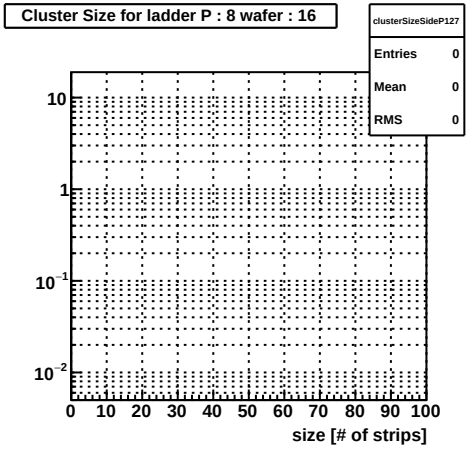

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 3
Mean 1
RMS 0
size [# of strips]

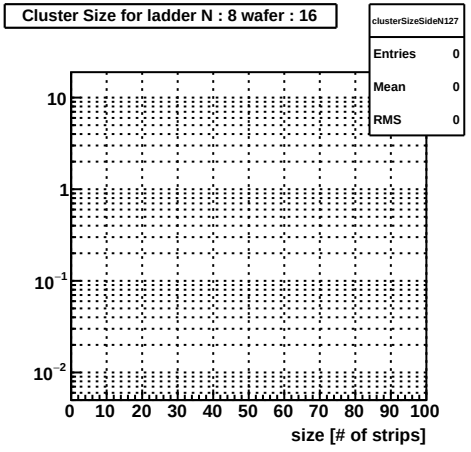

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

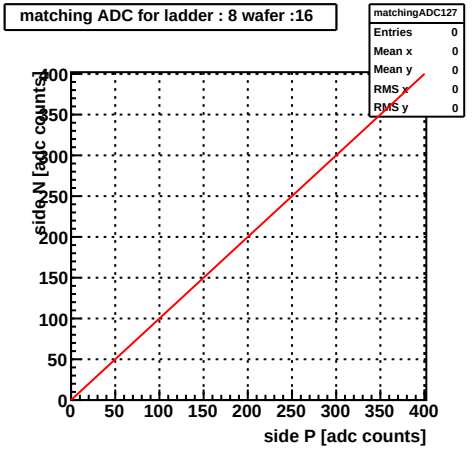

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

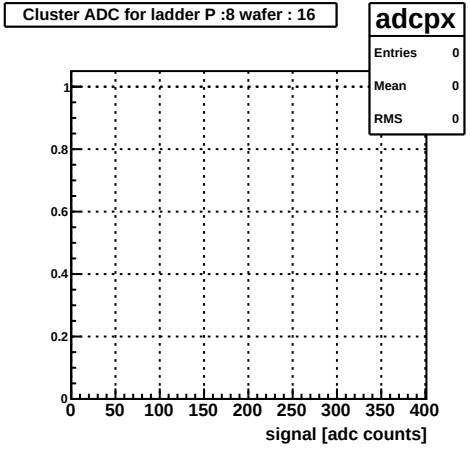

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

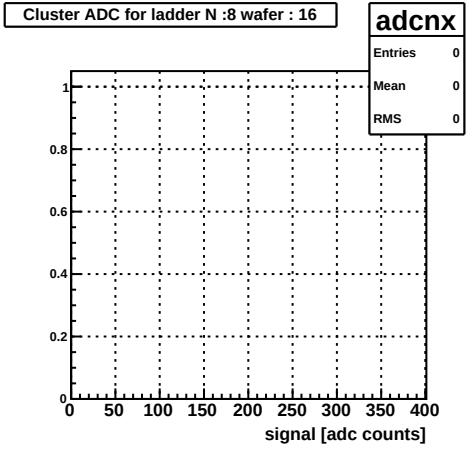

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

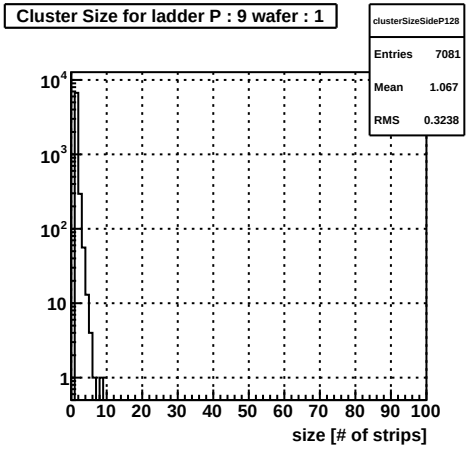

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

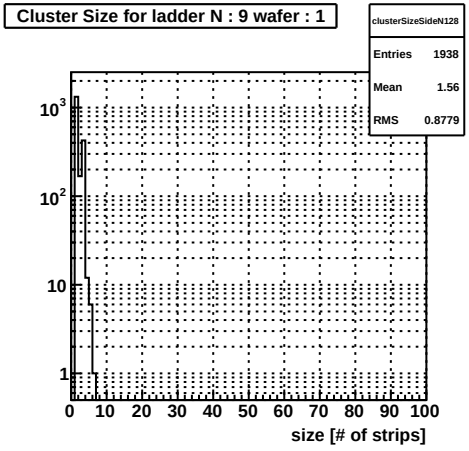

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

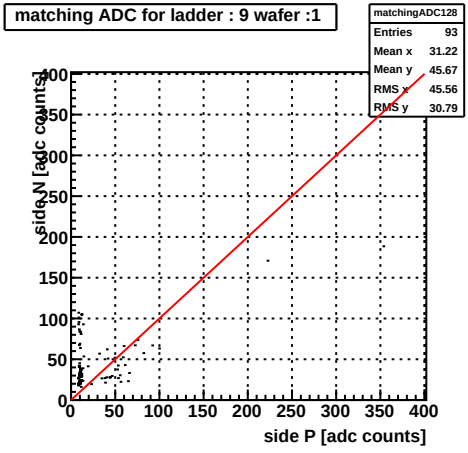

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

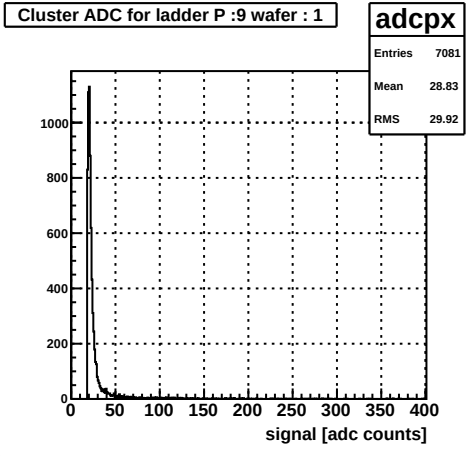

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

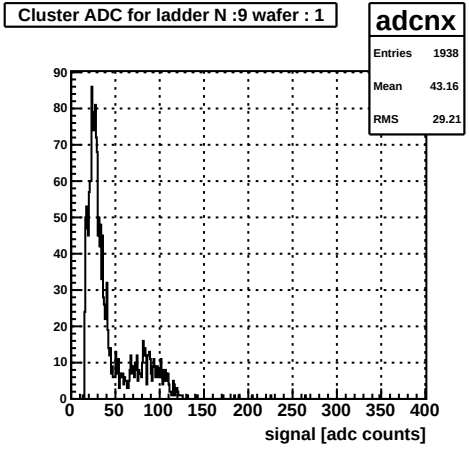

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

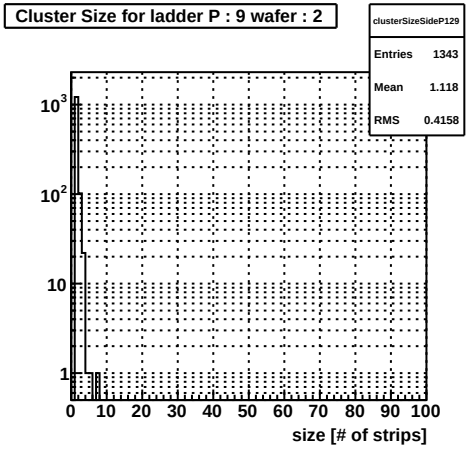

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7081
Mean 1.067
RMS 0.3238
size [# of strips]

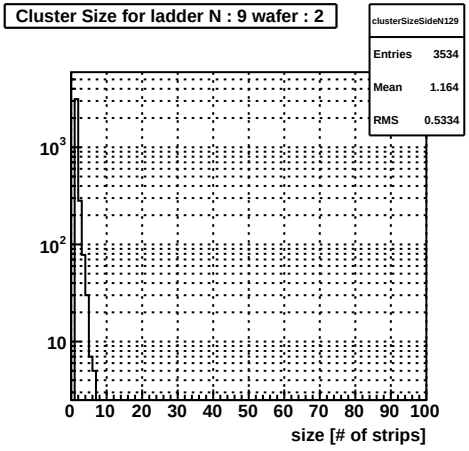

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1938
Mean 1.56
RMS 0.8779
size [# of strips]

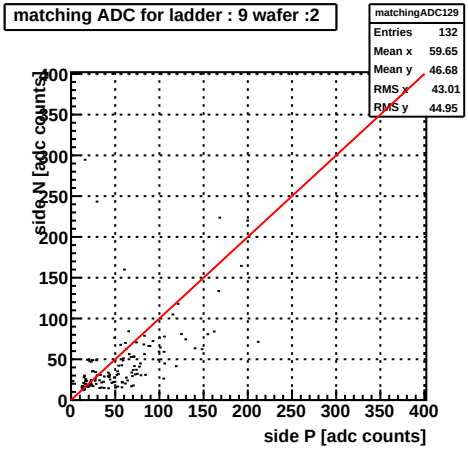

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 93
Mean x 31.22
Mean y 45.67
RMS x 45.56
RMS y 30.79
side N [adc counts]
side P [adc counts]

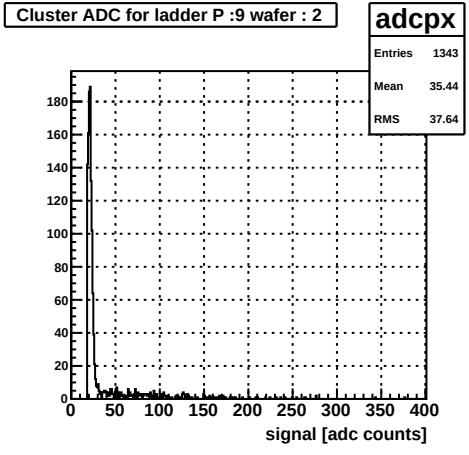

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7081
Mean 28.83
RMS 29.92
signal [adc counts]

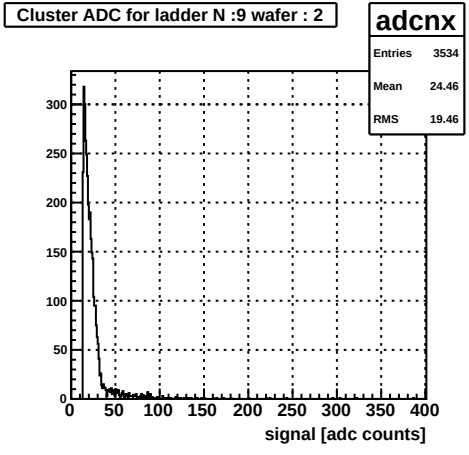

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1938
Mean 43.16
RMS 29.21
signal [adc counts]

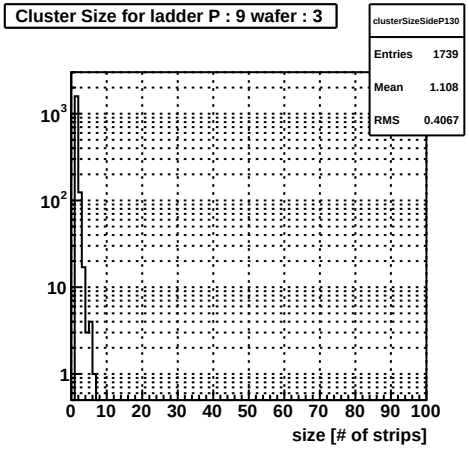

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1343
Mean 1.118
RMS 0.4158
size [# of strips]

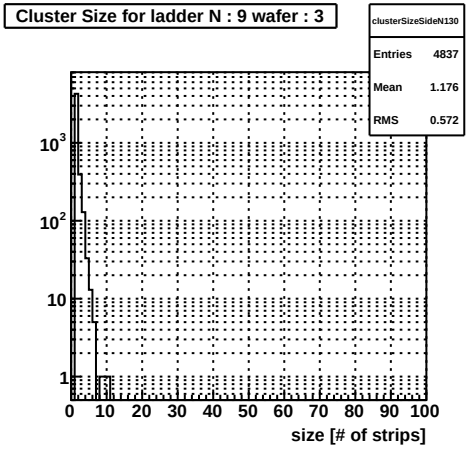

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3534
Mean 1.164
RMS 0.5334
size [# of strips]

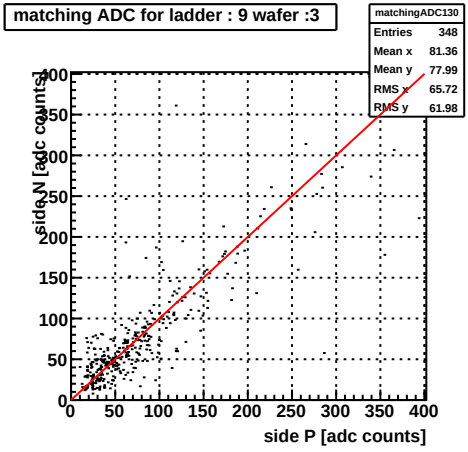

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 132
Mean x 59.65
Mean y 46.68
RMS x 43.01
RMS y 44.95
side N [adc counts]
side P [adc counts]

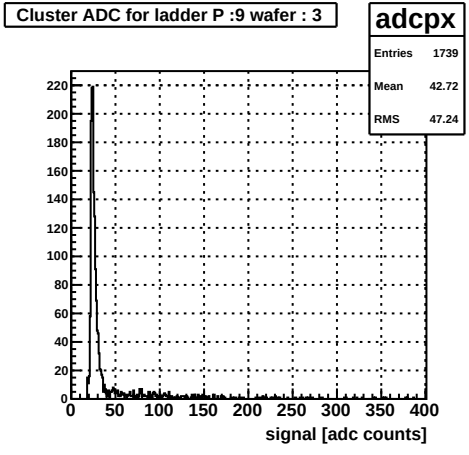

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1343
Mean 35.44
RMS 37.64
signal [adc counts]

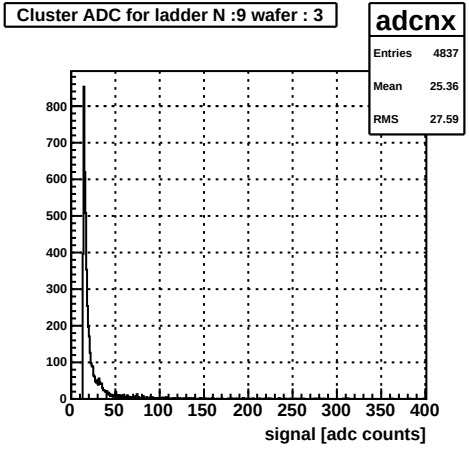

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3534
Mean 24.46
RMS 19.46
signal [adc counts]

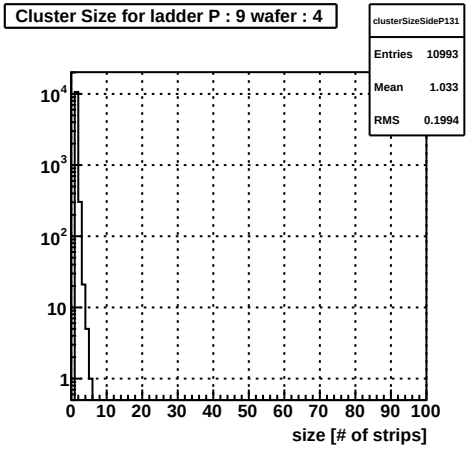

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1739
Mean 1.108
RMS 0.4067
size [# of strips]

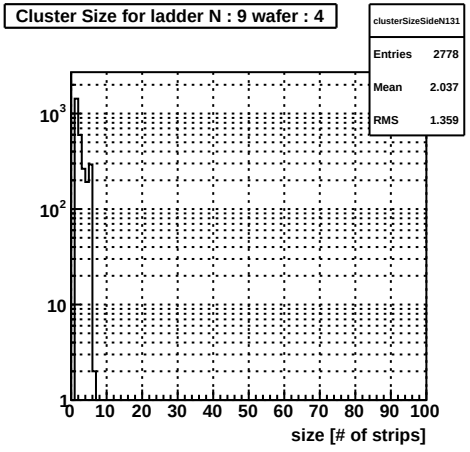

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4837
Mean 1.176
RMS 0.572
size [# of strips]

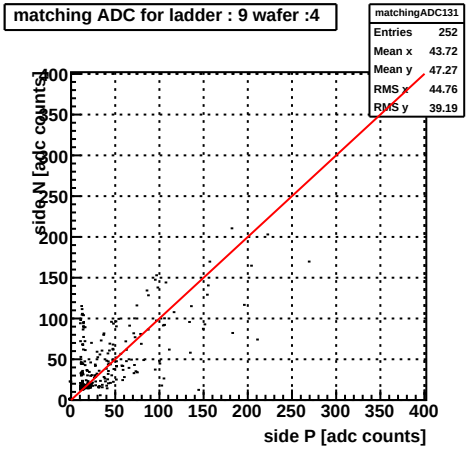

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 348
Mean x 81.36
Mean y 77.99
RMS x 65.72
RMS y 61.98
side N [adc counts]
side P [adc counts]

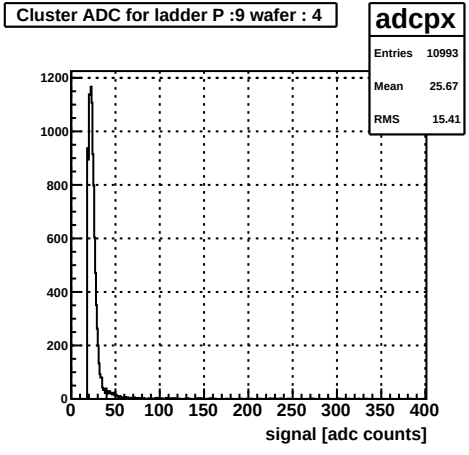

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1739
Mean 42.72
RMS 47.24
signal [adc counts]

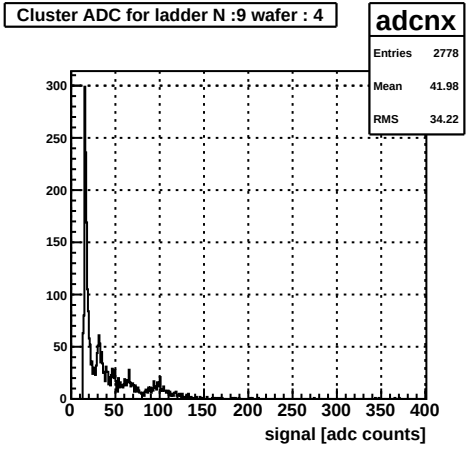

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4837
Mean 25.36
RMS 27.59
signal [adc counts]

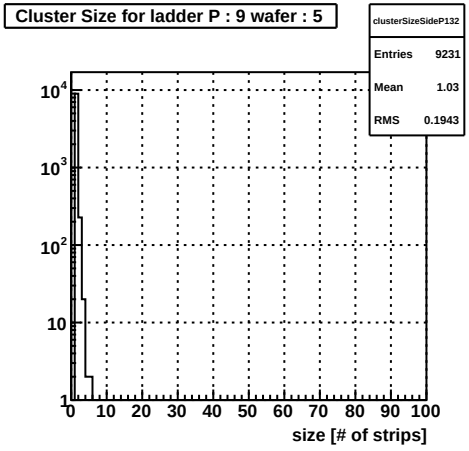

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10993
Mean 1.033
RMS 0.1994
size [# of strips]

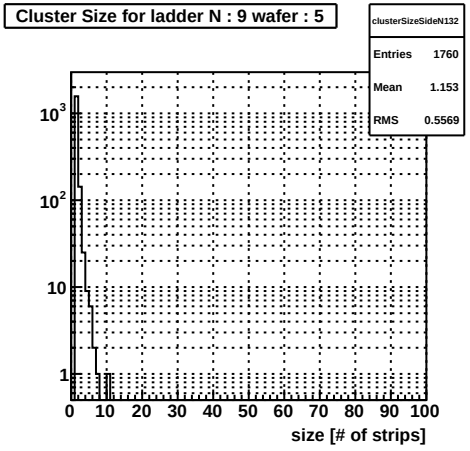

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2778
Mean 2.037
RMS 1.359
size [# of strips]

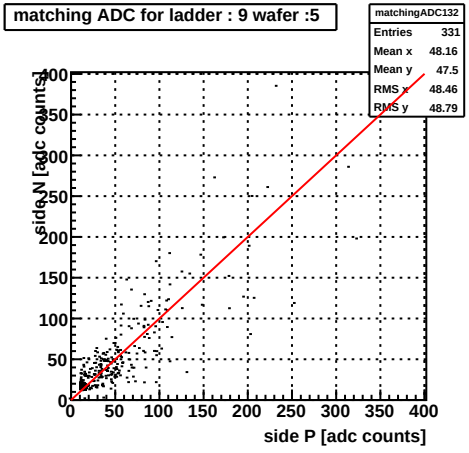

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 252
Mean x 43.72
Mean y 47.27
RMS x 44.76
RMS y 39.19
side N [adc counts]
side P [adc counts]

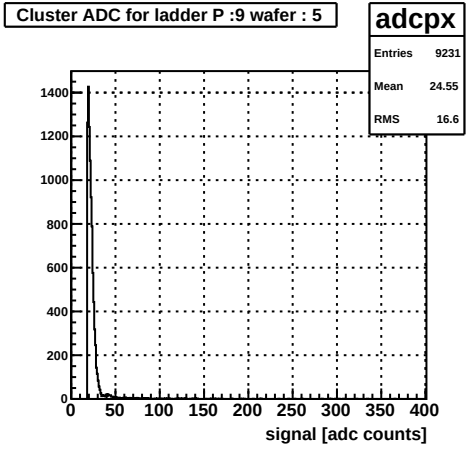

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10993
Mean 25.67
RMS 15.41
signal [adc counts]

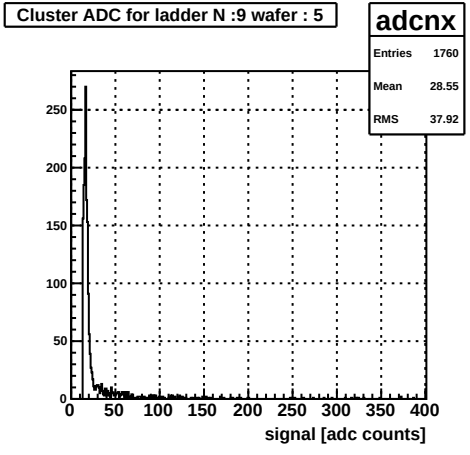

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2778
Mean 41.98
RMS 34.22
signal [adc counts]

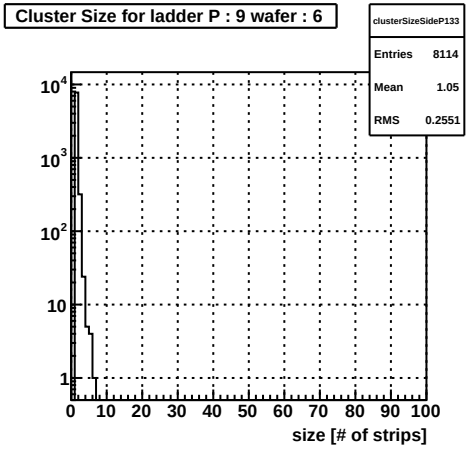

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9231
Mean 1.03
RMS 0.1943
size [# of strips]

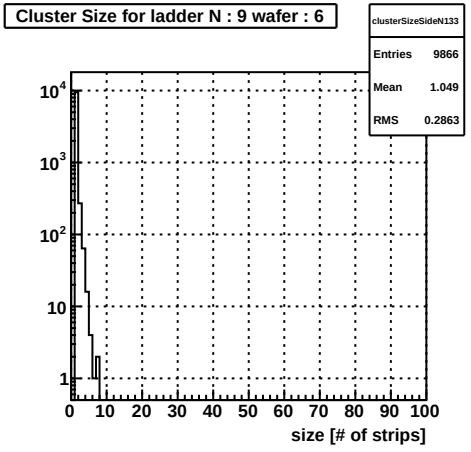

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1760
Mean 1.153
RMS 0.5569
size [# of strips]

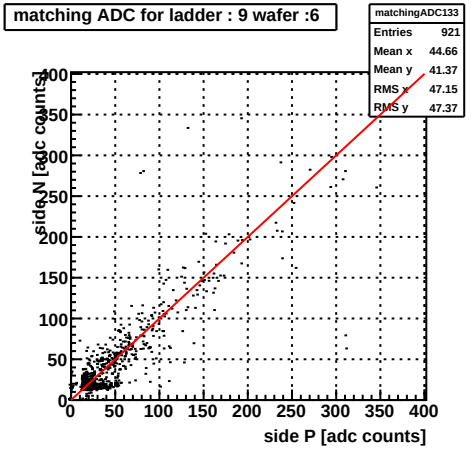

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 331
Mean x 48.16
Mean y 47.5
RMS x 48.46
RMS y 48.79
side N [adc counts]
side P [adc counts]

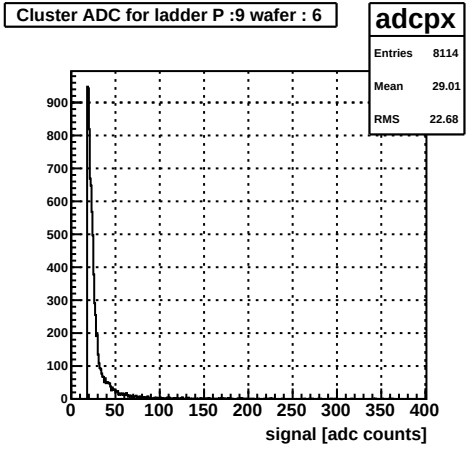

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9231
Mean 24.55
RMS 16.6
signal [adc counts]

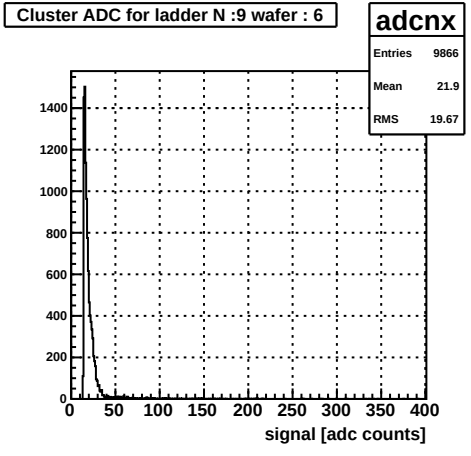

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1760
Mean 28.55
RMS 37.92
signal [adc counts]

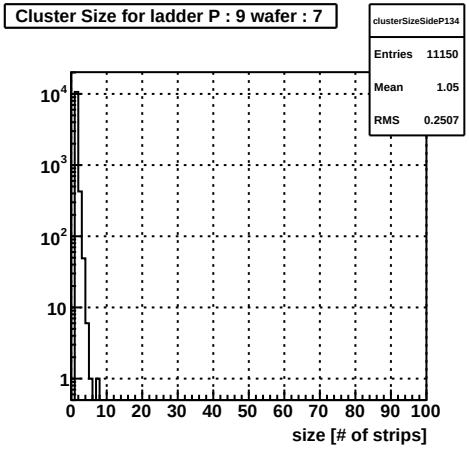

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8114
Mean 1.05
RMS 0.2551
size [# of strips]

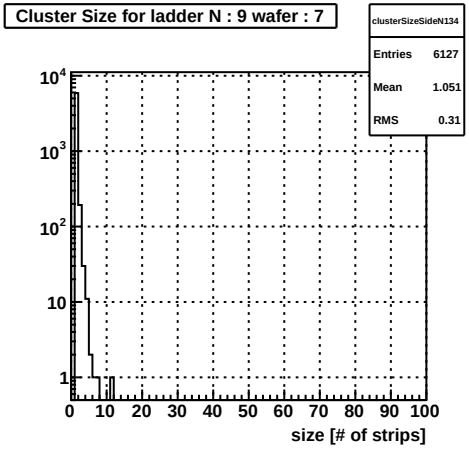

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9866
Mean 1.049
RMS 0.2863
size [# of strips]

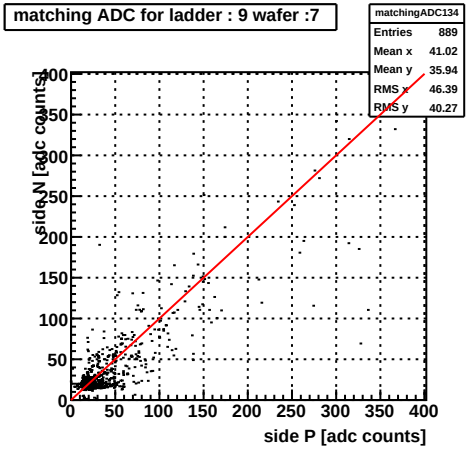

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 921
Mean x 44.66
Mean y 41.37
RMS x 47.15
RMS y 47.37
side N [adc counts]
side P [adc counts]

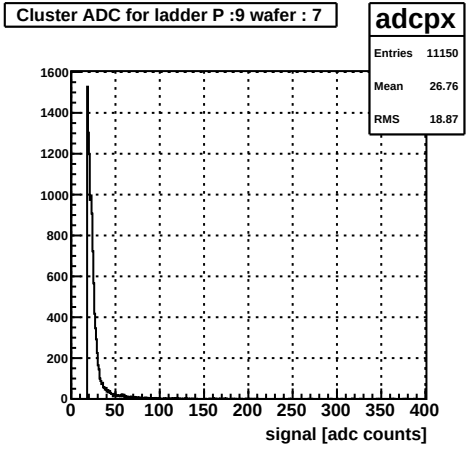

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8114
Mean 29.01
RMS 22.68
signal [adc counts]

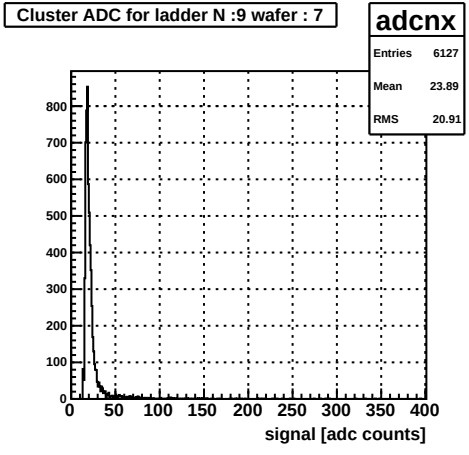

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9866
Mean 21.9
RMS 19.67
signal [adc counts]

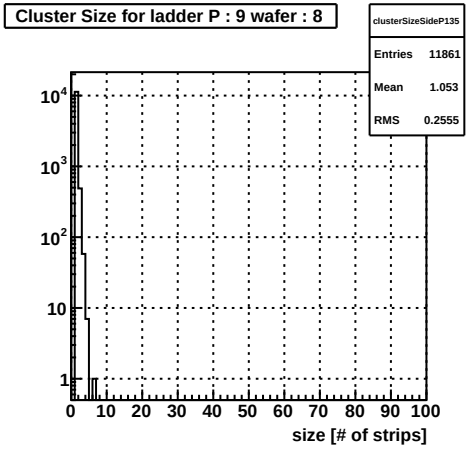

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 11150
Mean 1.05
RMS 0.2507
size [# of strips]

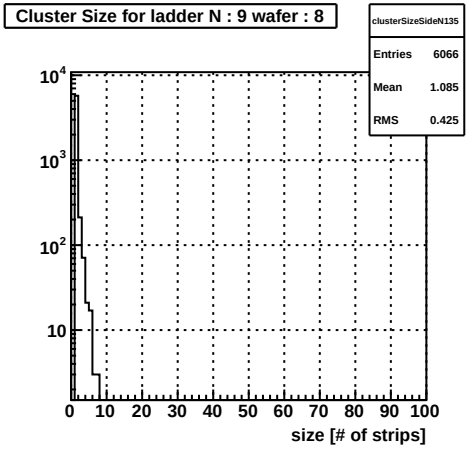

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 6127
Mean 1.051
RMS 0.31
size [# of strips]

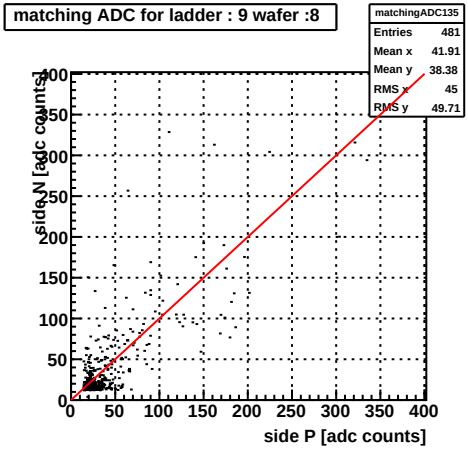

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 889
Mean x 41.02
Mean y 35.94
RMS x 46.39
RMS y 40.27
side N [adc counts]
side P [adc counts]

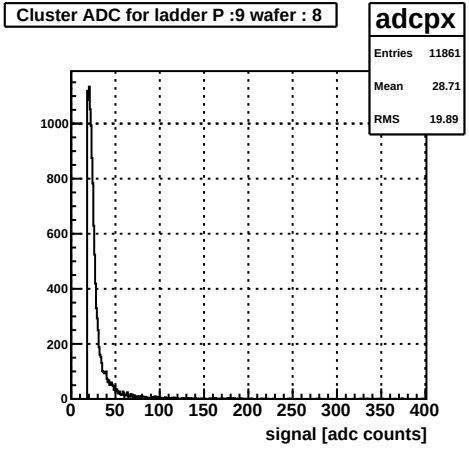

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 11150
Mean 26.76
RMS 18.87
signal [adc counts]

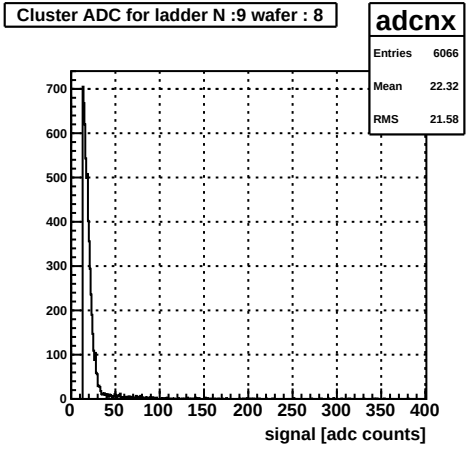

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 6127
Mean 23.89
RMS 20.91
signal [adc counts]

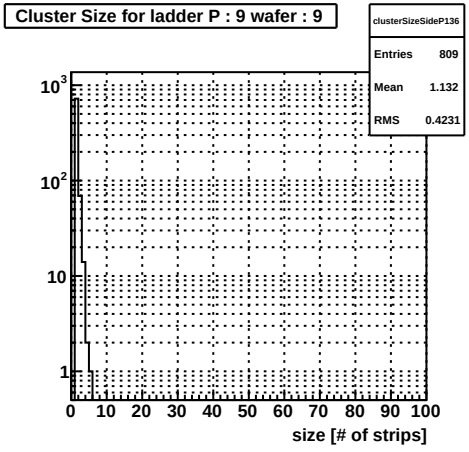

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 11861
Mean 1.053
RMS 0.2555
size [# of strips]

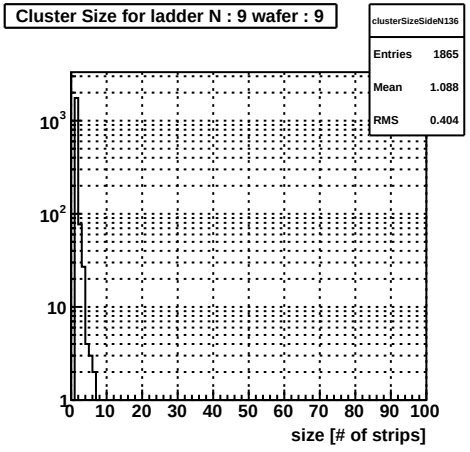

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 6066
Mean 1.085
RMS 0.425
size [# of strips]

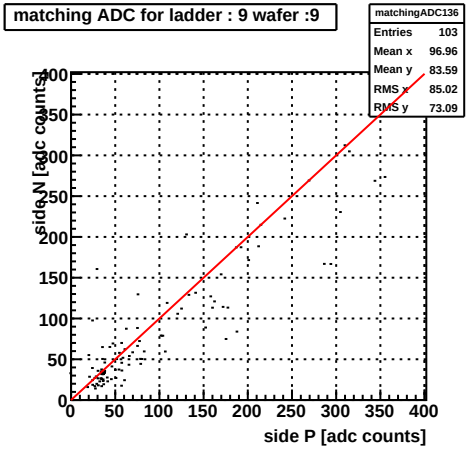

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 481
Mean x 41.91
Mean y 38.38
RMS x 45
RMS y 49.71
side N [adc counts]
side P [adc counts]

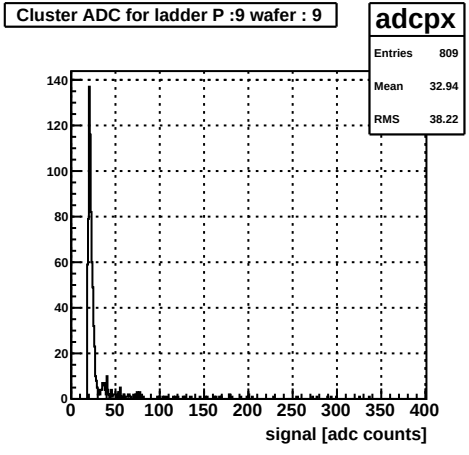

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 11861
Mean 28.71
RMS 19.89
signal [adc counts]

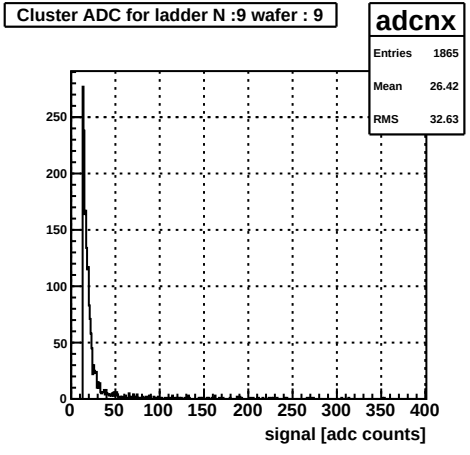

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 6066
Mean 22.32
RMS 21.58
signal [adc counts]

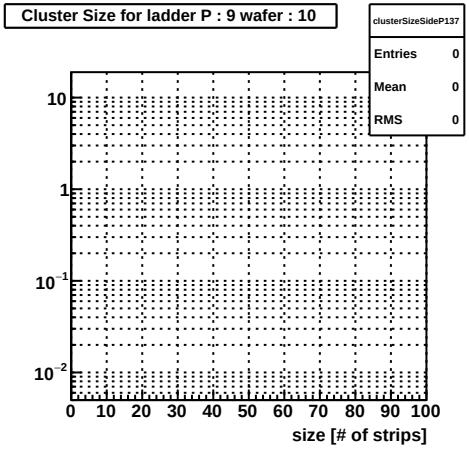

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 809
Mean 1.132
RMS 0.4231
size [# of strips]

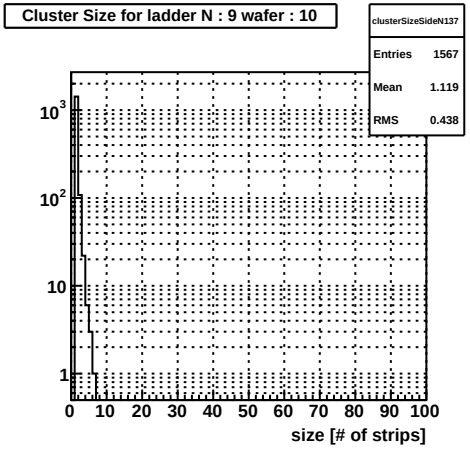

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1865
Mean 1.088
RMS 0.404
size [# of strips]

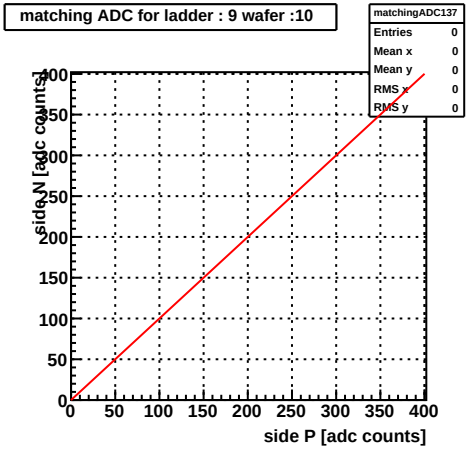

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 103
Mean x 96.96
Mean y 83.59
RMS x 85.02
RMS y 73.09
side N [adc counts]
side P [adc counts]

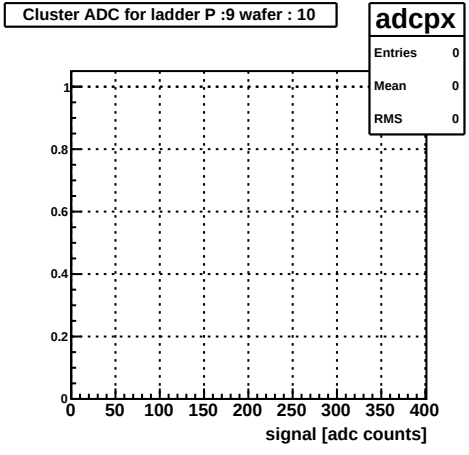

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 809
Mean 32.94
RMS 38.22
signal [adc counts]

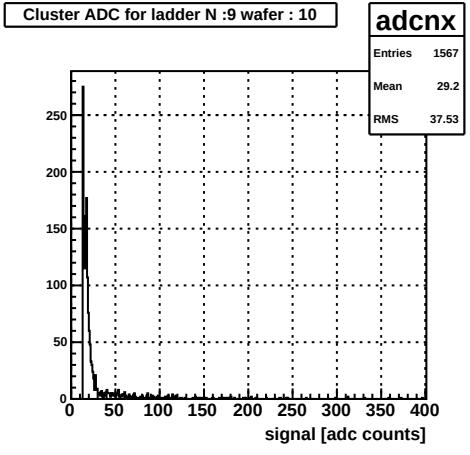

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1865
Mean 26.42
RMS 32.63
signal [adc counts]

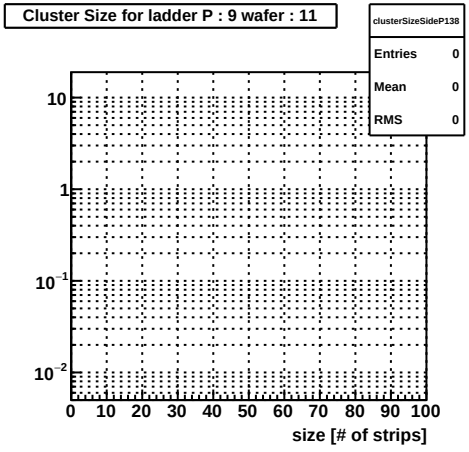

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

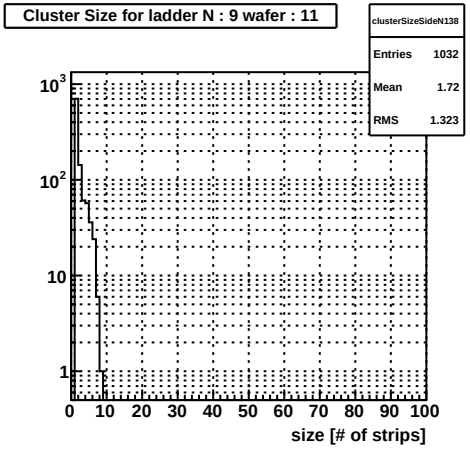

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1567
Mean 1.119
RMS 0.438
size [# of strips]

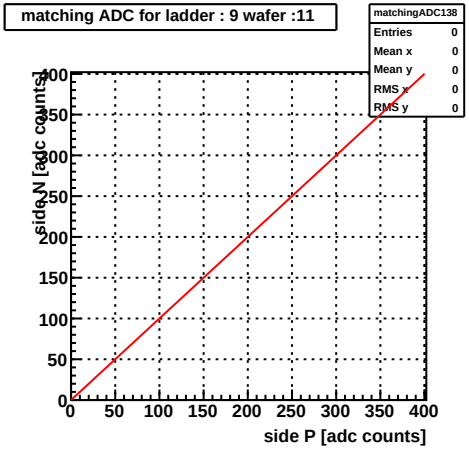

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

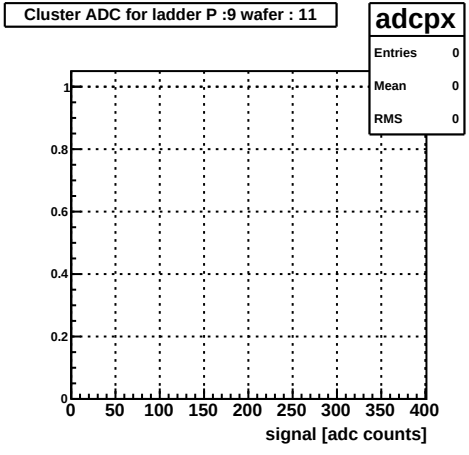

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

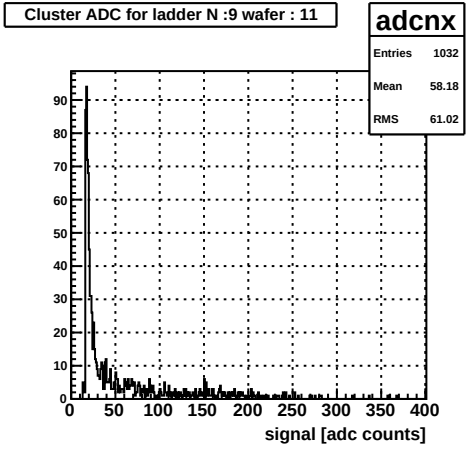

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1567
Mean 29.2
RMS 37.53
signal [adc counts]

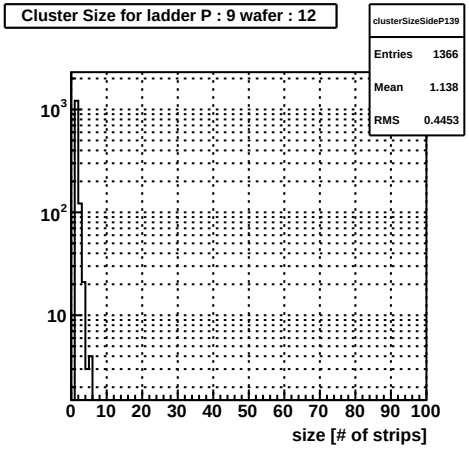

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

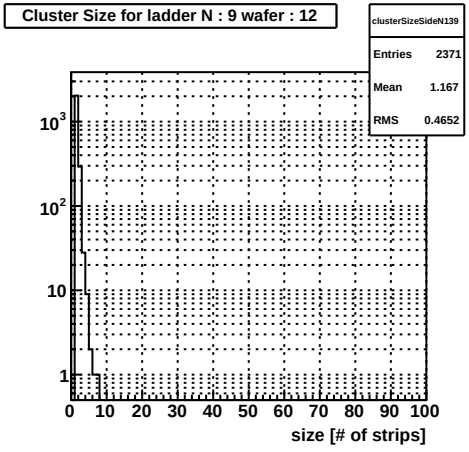

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1032
Mean 1.72
RMS 1.323
size [# of strips]

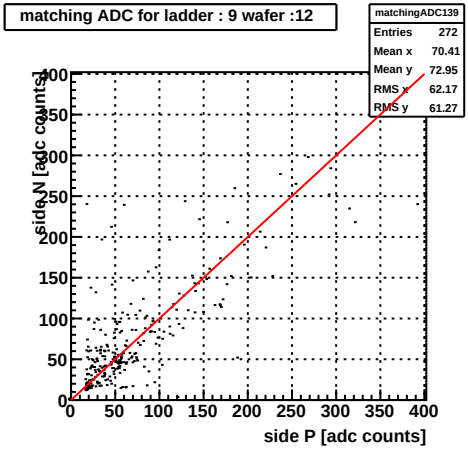

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

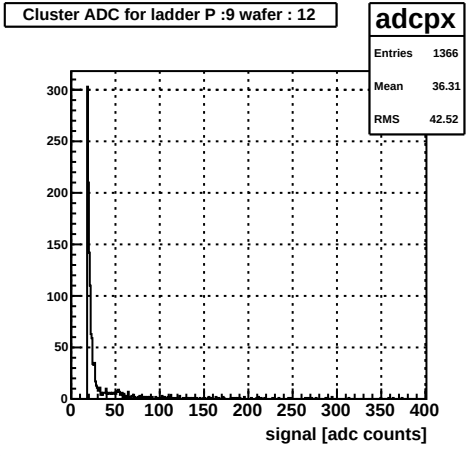

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

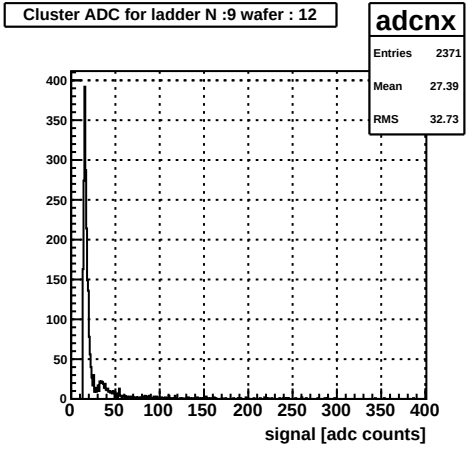

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1032
Mean 58.18
RMS 61.02
signal [adc counts]

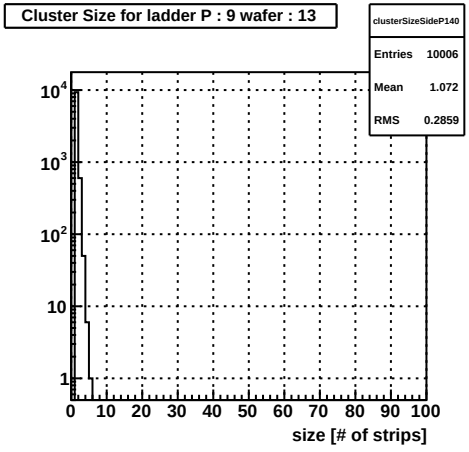

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1366
Mean 1.138
RMS 0.4453
size [# of strips]

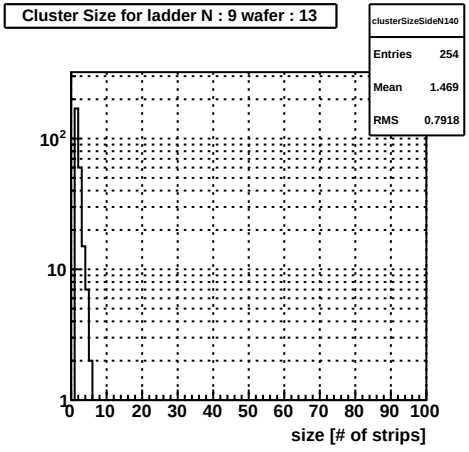

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2371
Mean 1.167
RMS 0.4652
size [# of strips]

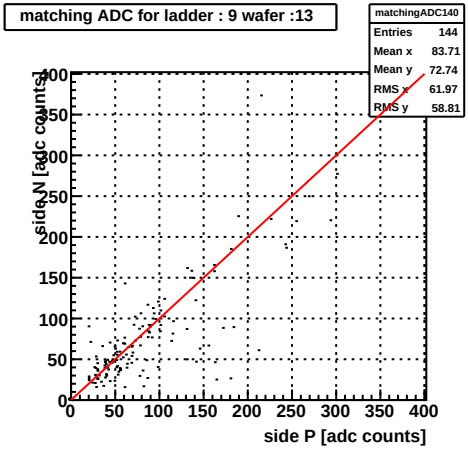

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 272
Mean x 70.41
Mean y 72.95
RMS x 62.17
RMS y 61.27
side N [adc counts]
side P [adc counts]

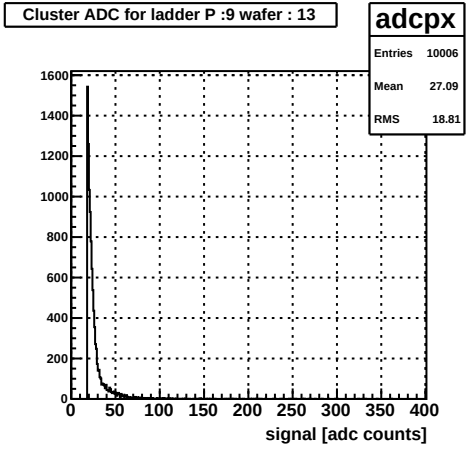

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1366
Mean 36.31
RMS 42.52
signal [adc counts]

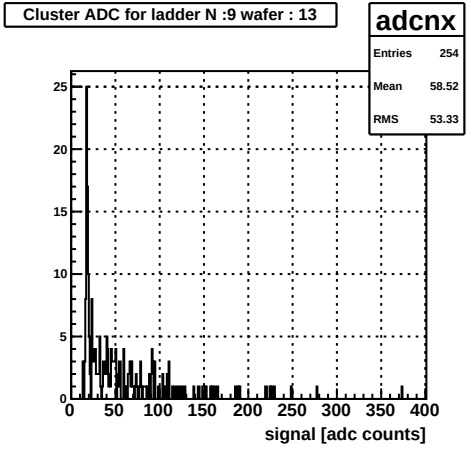

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2371
Mean 27.39
RMS 32.73
signal [adc counts]

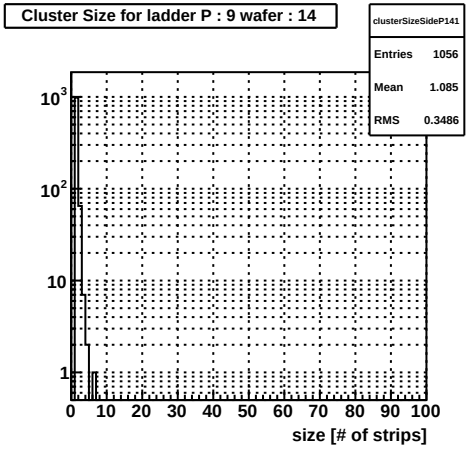

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 10006
Mean 1.072
RMS 0.2859
size [# of strips]

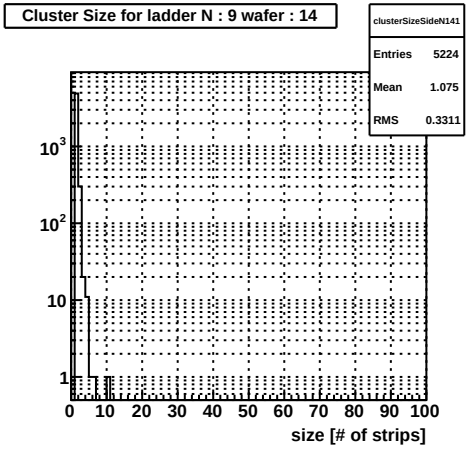

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 254
Mean 1.469
RMS 0.7918
size [# of strips]

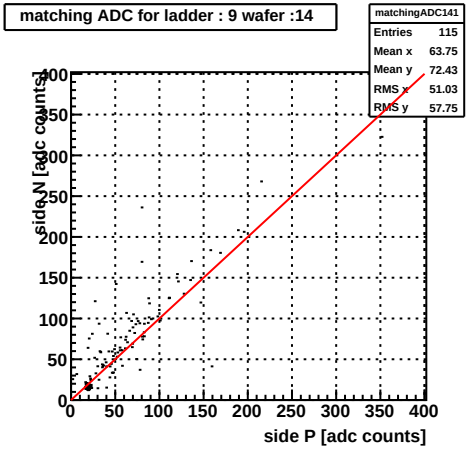

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 144
Mean x 83.71
Mean y 72.74
RMS x 61.97
RMS y 58.81
side N [adc counts]
side P [adc counts]

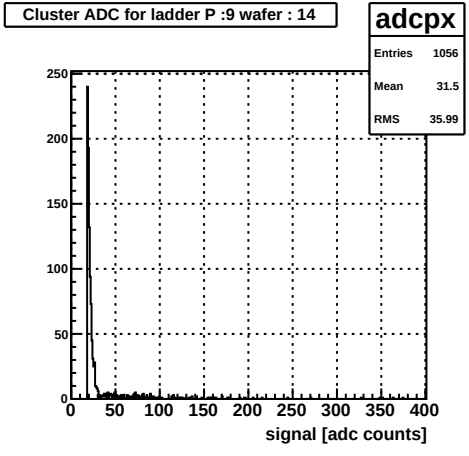

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 10006
Mean 27.09
RMS 18.81
signal [adc counts]

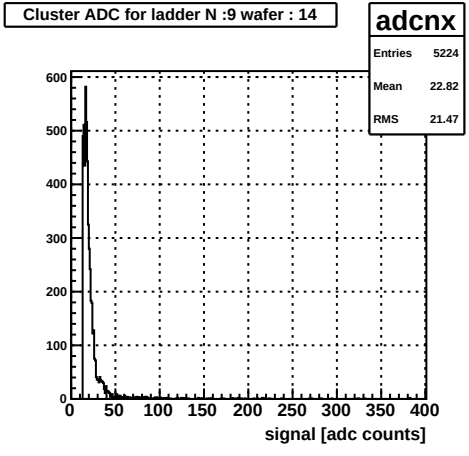

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 254
Mean 58.52
RMS 53.33
signal [adc counts]

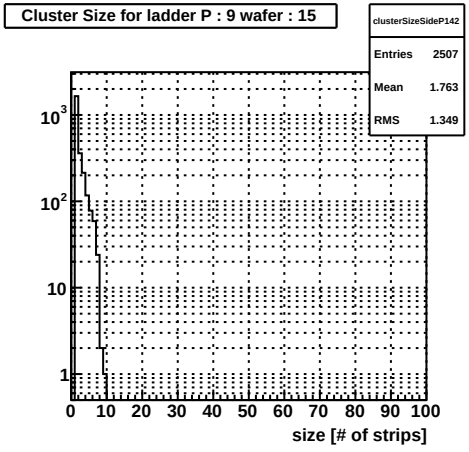

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1056
Mean 1.085
RMS 0.3486
size [# of strips]

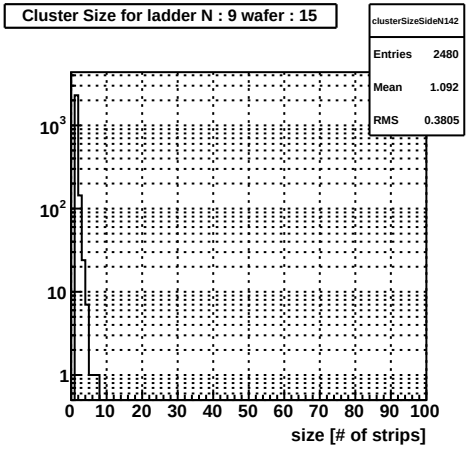

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5224
Mean 1.075
RMS 0.3311
size [# of strips]

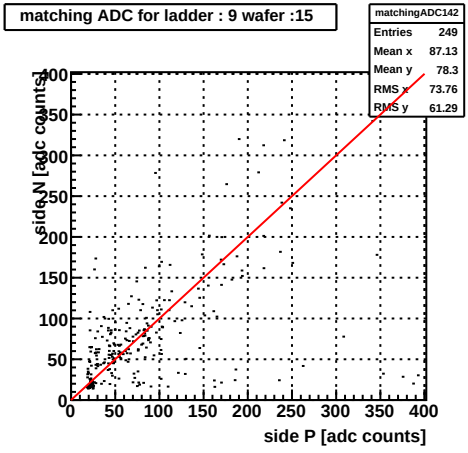

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 115
Mean x 63.75
Mean y 72.43
RMS x 51.03
RMS y 57.75
side N [adc counts]
side P [adc counts]

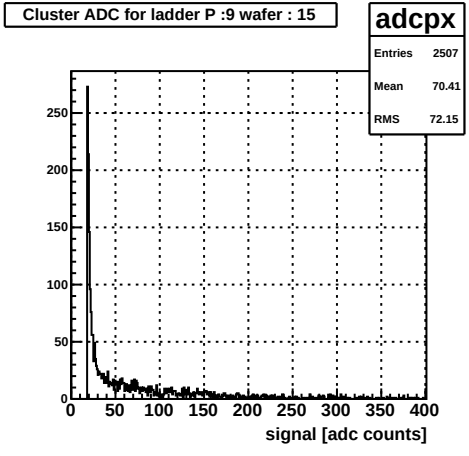

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1056
Mean 31.5
RMS 35.99
signal [adc counts]

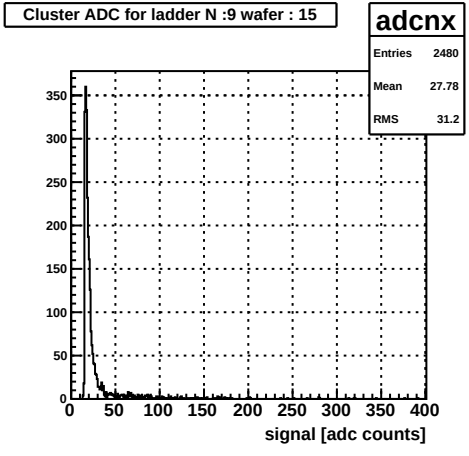

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5224
Mean 22.82
RMS 21.47
signal [adc counts]

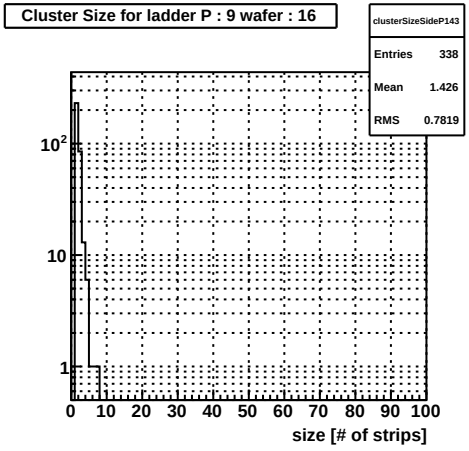

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2507
Mean 1.763
RMS 1.349
size [# of strips]

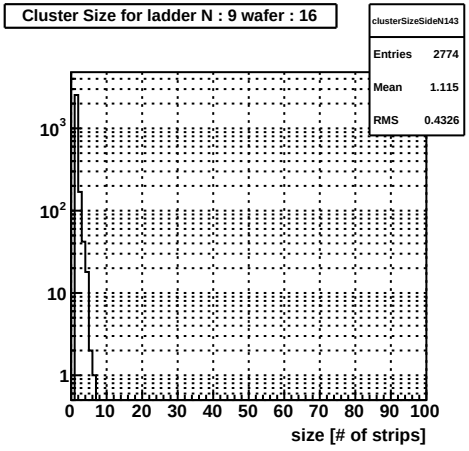

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2480
Mean 1.092
RMS 0.3805
size [# of strips]

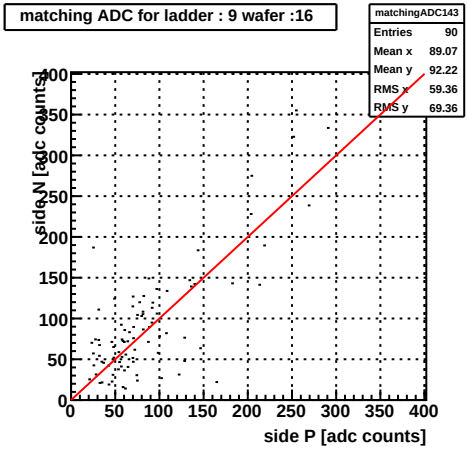

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 249
Mean x 87.13
Mean y 78.3
RMS x 73.76
RMS y 61.29
side N [adc counts]
side P [adc counts]

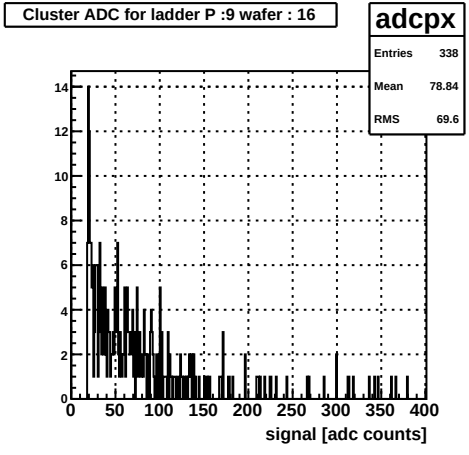

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2507
Mean 70.41
RMS 72.15
signal [adc counts]

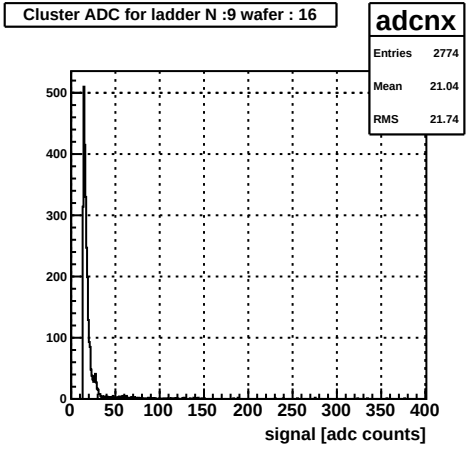

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2480
Mean 27.78
RMS 31.2
signal [adc counts]

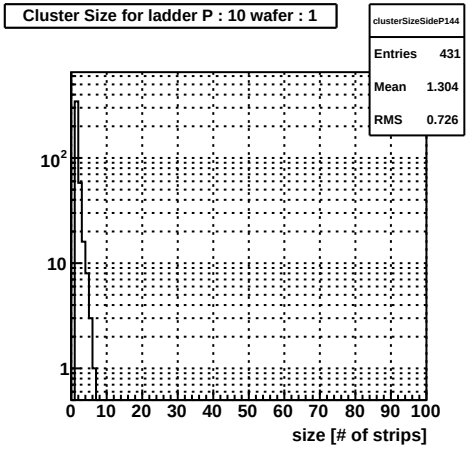

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 338
Mean 1.426
RMS 0.7819
size [# of strips]

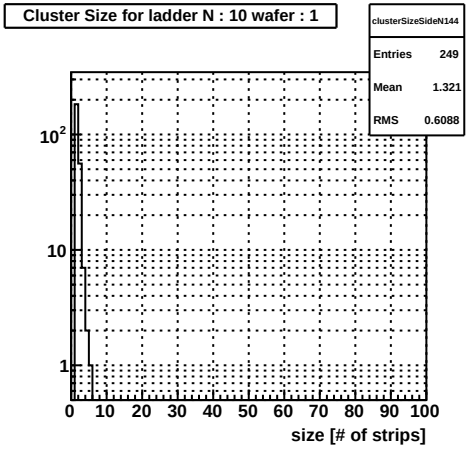

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2774
Mean 1.115
RMS 0.4326
size [# of strips]

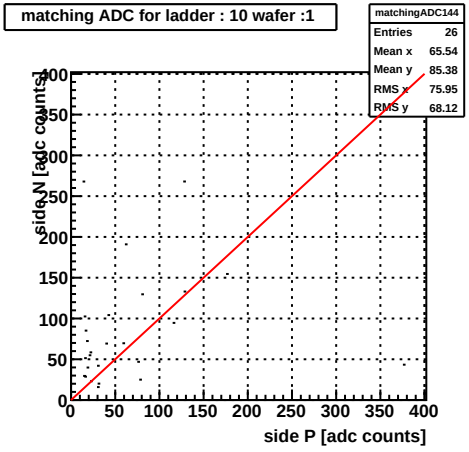

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 90
Mean x 89.07
Mean y 92.22
RMS x 59.36
RMS y 69.36
side N [adc counts]
side P [adc counts]

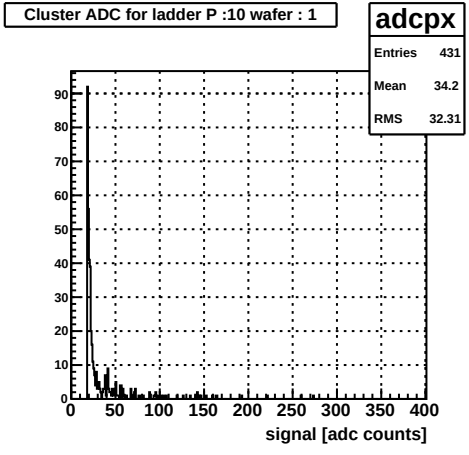

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 338
Mean 78.84
RMS 69.6
signal [adc counts]

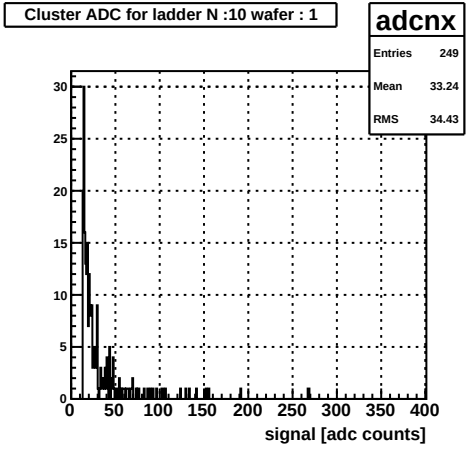

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2774
Mean 21.04
RMS 21.74
signal [adc counts]

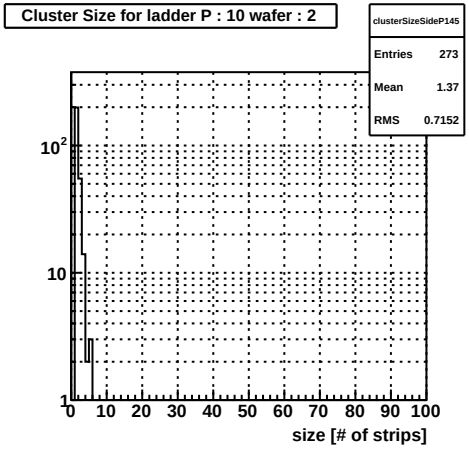

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 431
Mean 1.304
RMS 0.726
size [# of strips]

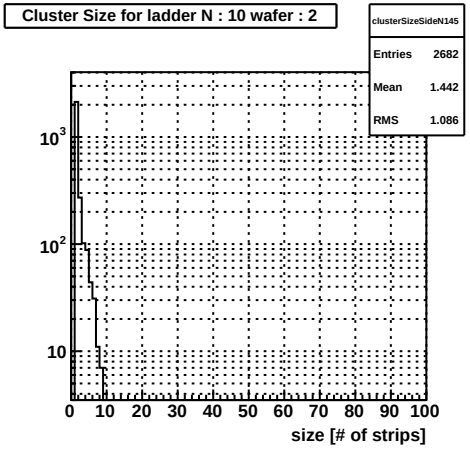

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 249
Mean 1.321
RMS 0.6088
size [# of strips]

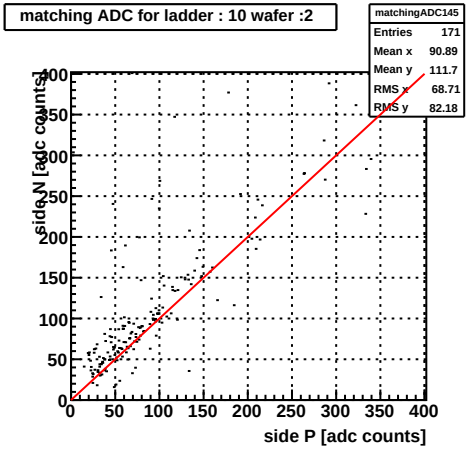

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 26
Mean x 65.54
Mean y 85.38
RMS x 75.95
RMS y 68.12
side N [adc counts]
side P [adc counts]

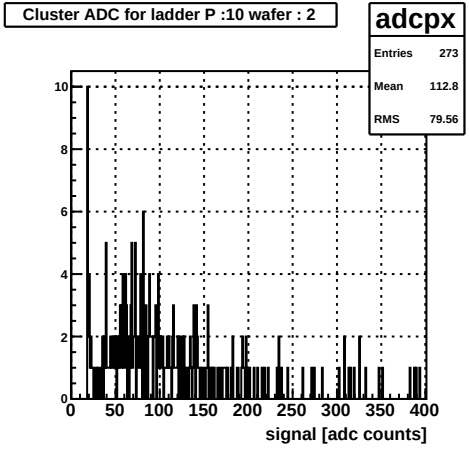

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 431
Mean 34.2
RMS 32.31
signal [adc counts]

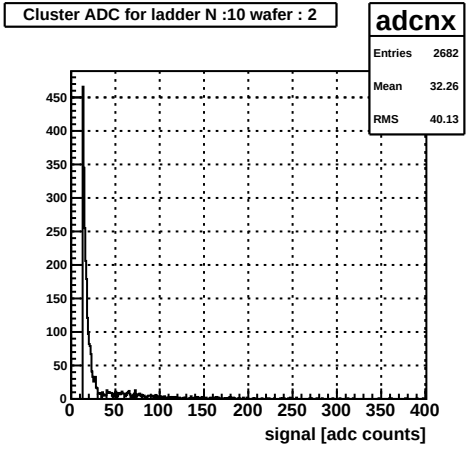

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 249
Mean 33.24
RMS 34.43
signal [adc counts]

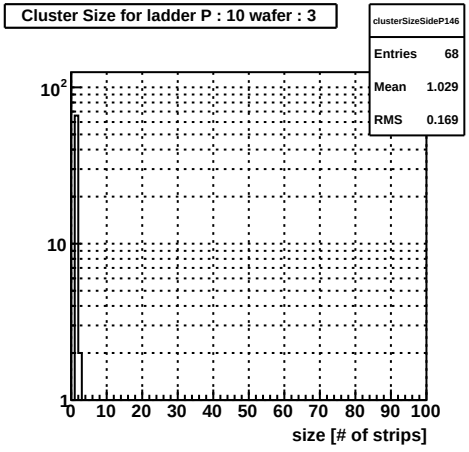

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 273
Mean 1.37
RMS 0.7152
size [# of strips]

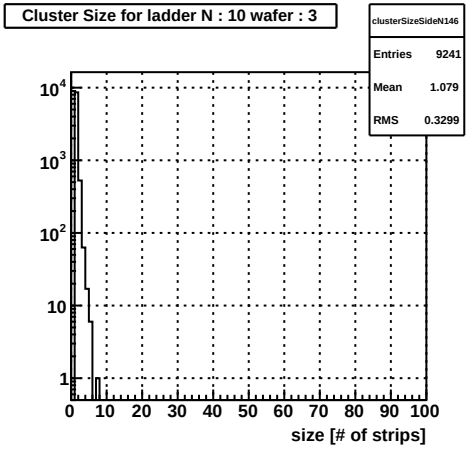

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2682
Mean 1.442
RMS 1.086
size [# of strips]

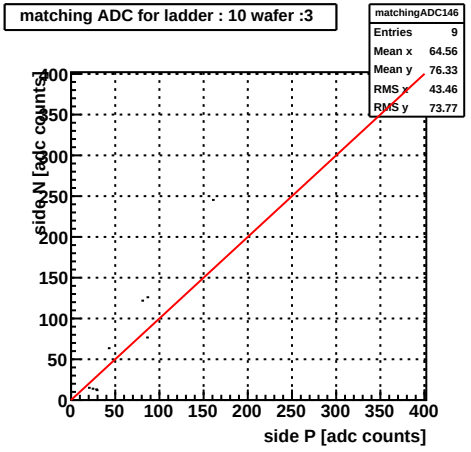

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 171
Mean x 90.89
Mean y 111.7
RMS x 68.71
RMS y 82.18
side N [adc counts]
side P [adc counts]

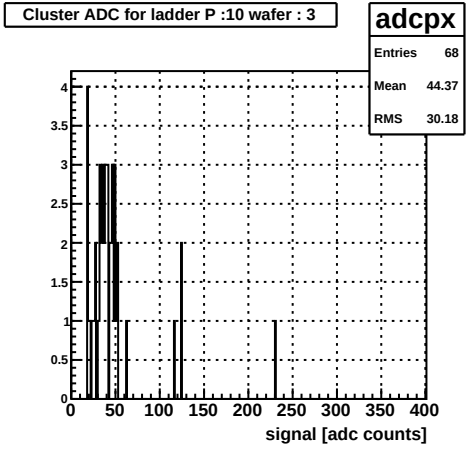

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 273
Mean 112.8
RMS 79.56
signal [adc counts]

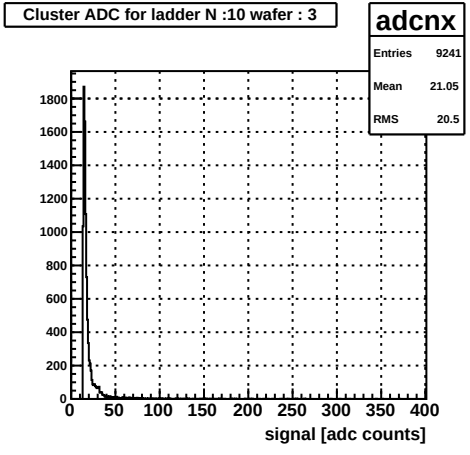

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2682
Mean 32.26
RMS 40.13
signal [adc counts]

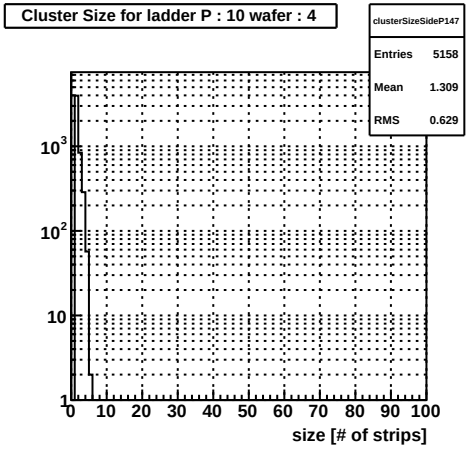

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 68
Mean 1.029
RMS 0.169
size [# of strips]

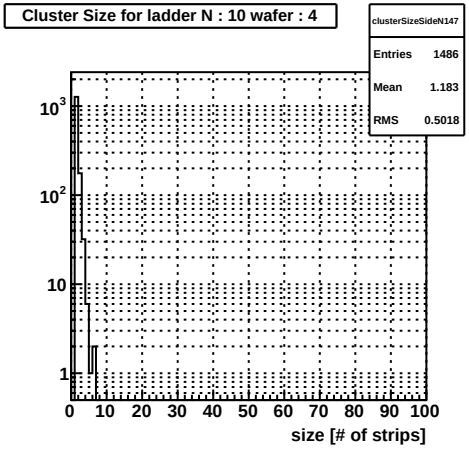

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 9241
Mean 1.079
RMS 0.3299
size [# of strips]

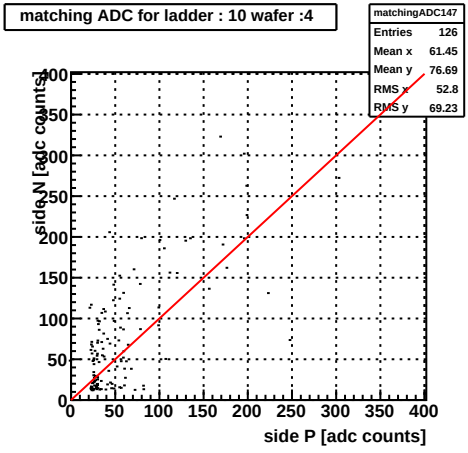

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 9
Mean x 64.56
Mean y 76.33
RMS x 43.46
RMS y 73.77
side N [adc counts]
side P [adc counts]

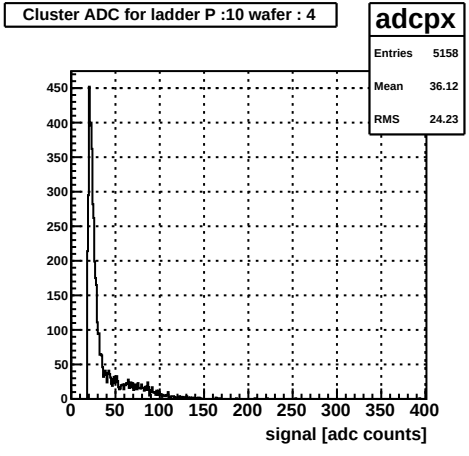

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 68
Mean 44.37
RMS 30.18
signal [adc counts]

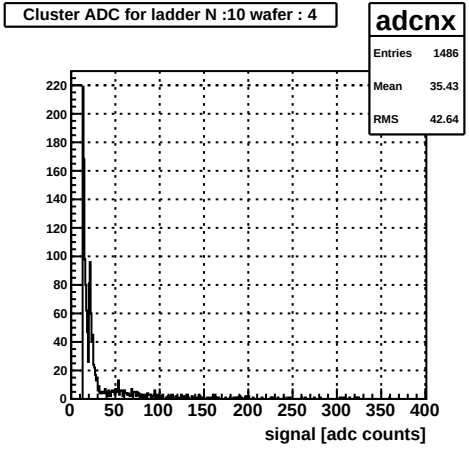

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 9241
Mean 21.05
RMS 20.5
signal [adc counts]

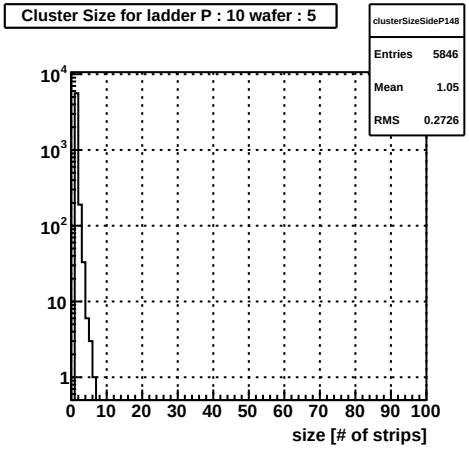

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5158
Mean 1.309
RMS 0.629
size [# of strips]

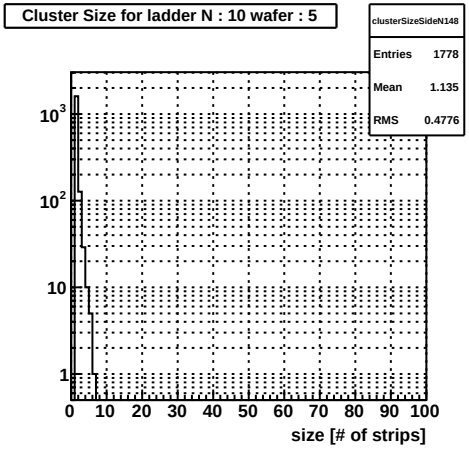

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1486
Mean 1.183
RMS 0.5018
size [# of strips]

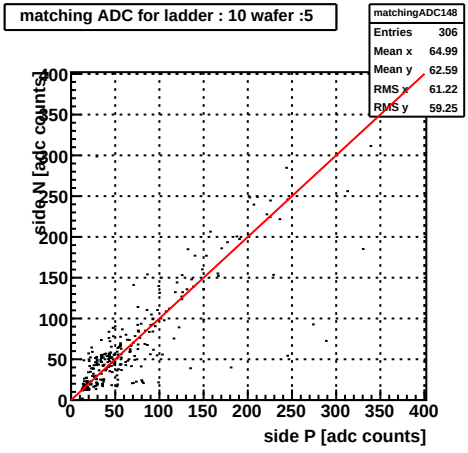

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 126
Mean x 61.45
Mean y 76.69
RMS x 52.8
RMS y 69.23
side N [adc counts]
side P [adc counts]

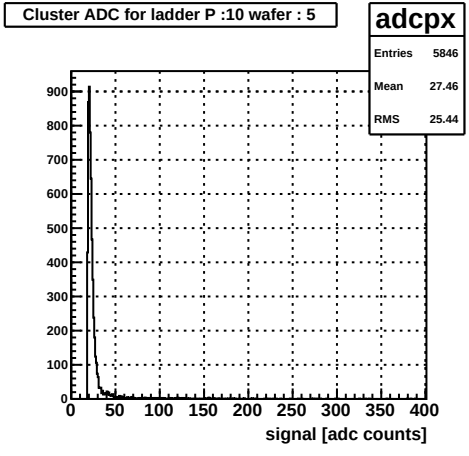

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5158
Mean 36.12
RMS 24.23
signal [adc counts]

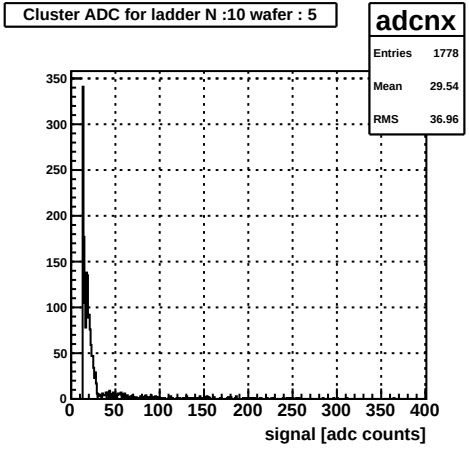

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1486
Mean 35.43
RMS 42.64
signal [adc counts]

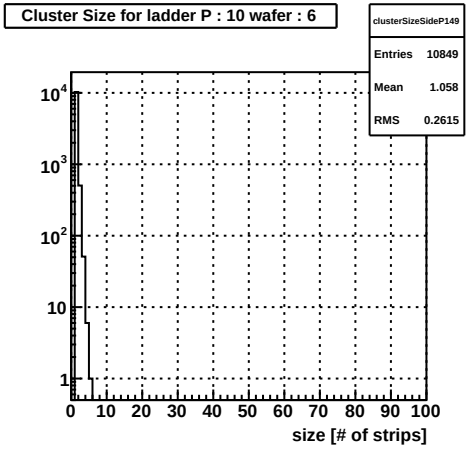

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 5846
Mean 1.05
RMS 0.2726
size [# of strips]

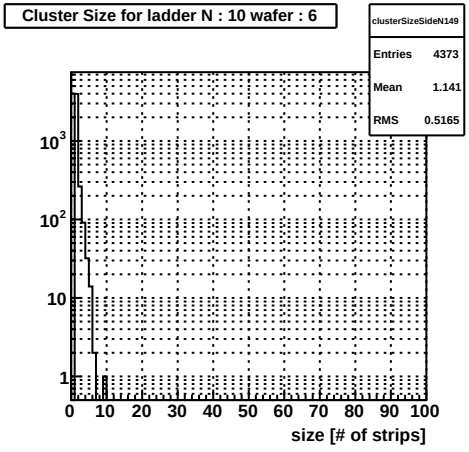

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1778
Mean 1.135
RMS 0.4776
size [# of strips]

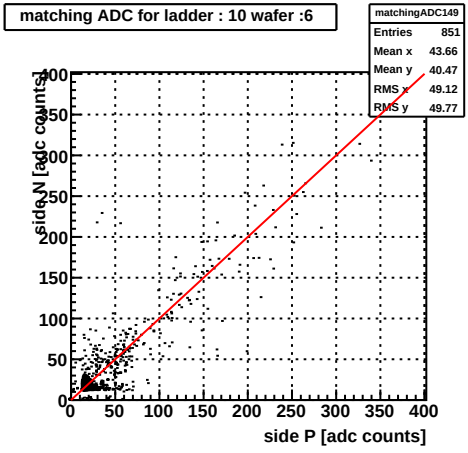

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 306
Mean x 64.99
Mean y 62.59
RMS x 61.22
RMS y 59.25
side N [adc counts]
side P [adc counts]

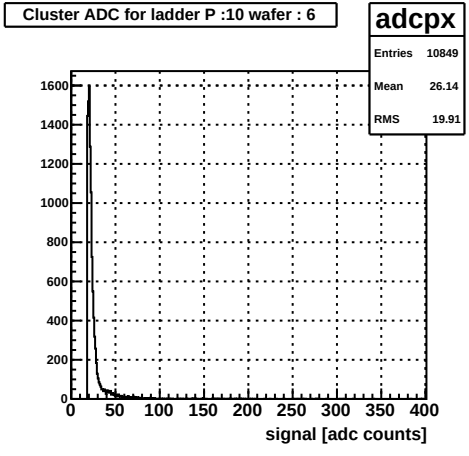

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 5846
Mean 27.46
RMS 25.44
signal [adc counts]

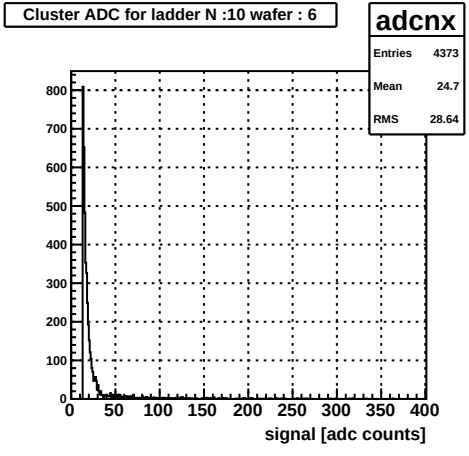

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1778
Mean 29.54
RMS 36.96
signal [adc counts]

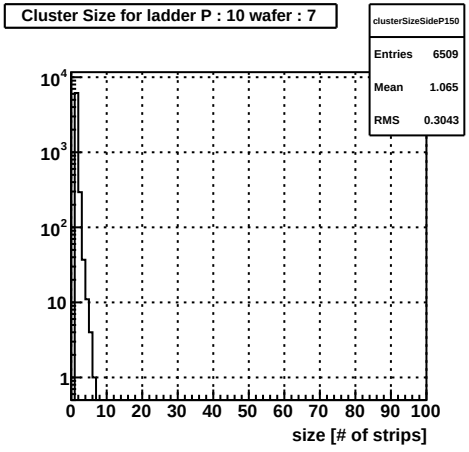

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10849
Mean 1.058
RMS 0.2615
size [# of strips]

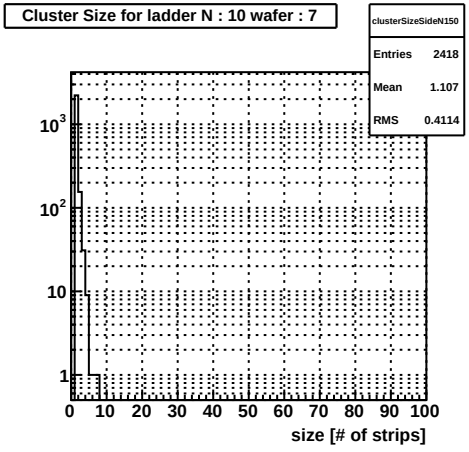

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4373
Mean 1.141
RMS 0.5165
size [# of strips]

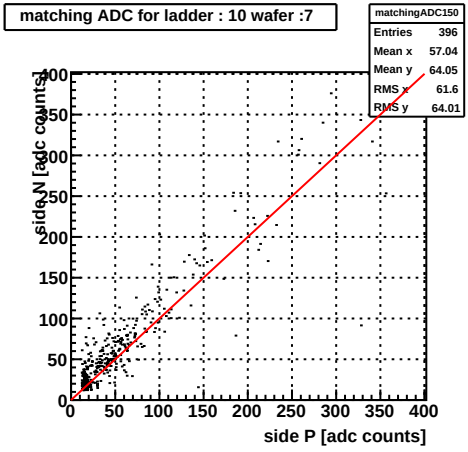

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 851
Mean x 43.66
Mean y 40.47
RMS x 49.12
RMS y 49.77
side N [adc counts]
side P [adc counts]

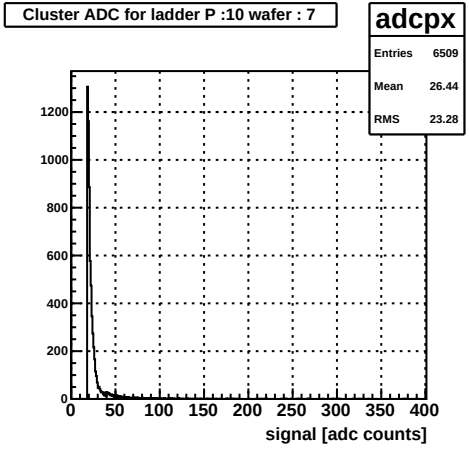

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10849
Mean 26.14
RMS 19.91
signal [adc counts]

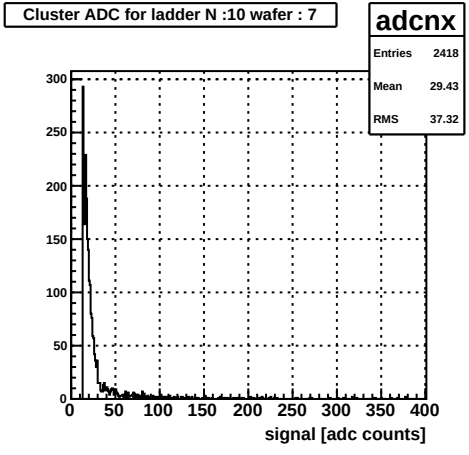

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4373
Mean 24.7
RMS 28.64
signal [adc counts]

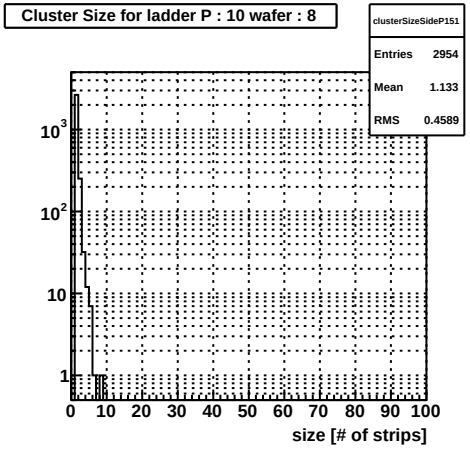

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6509
Mean 1.065
RMS 0.3043
size [# of strips]

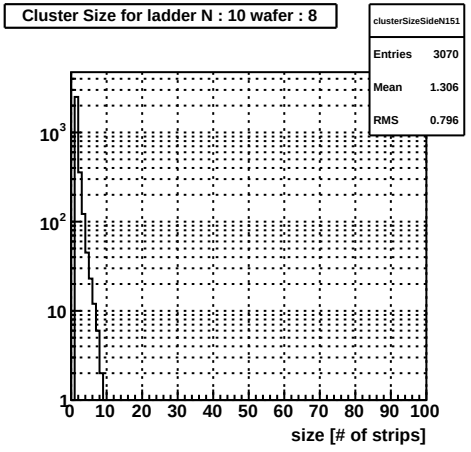

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2418
Mean 1.107
RMS 0.4114
size [# of strips]

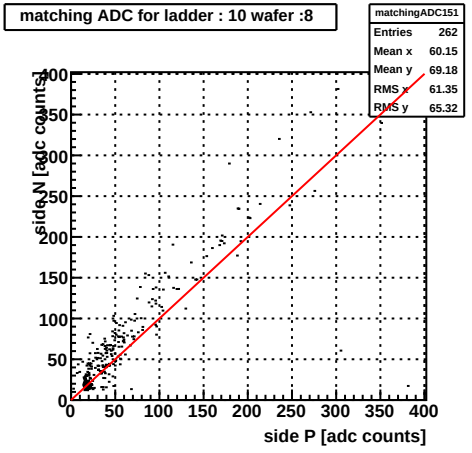

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 396
Mean x 57.04
Mean y 64.05
RMS x 61.6
RMS y 64.01
side N [adc counts]
side P [adc counts]

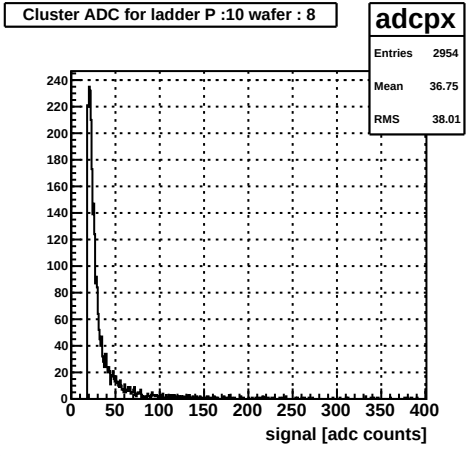

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6509
Mean 26.44
RMS 23.28
signal [adc counts]

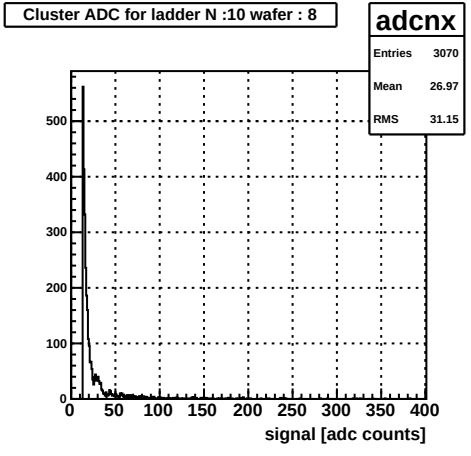

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2418
Mean 29.43
RMS 37.32
signal [adc counts]

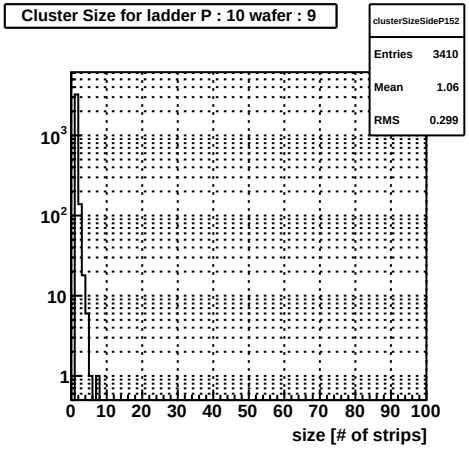

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2954
Mean 1.133
RMS 0.4589
size [# of strips]

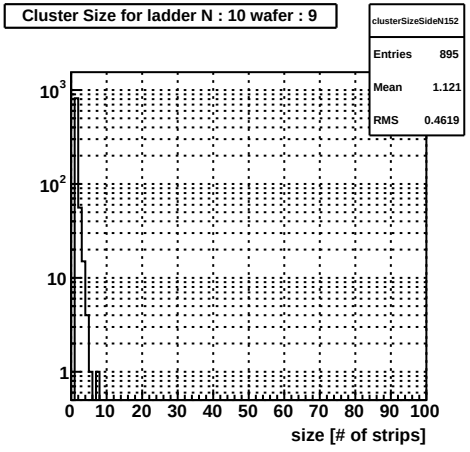

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3070
Mean 1.306
RMS 0.796
size [# of strips]

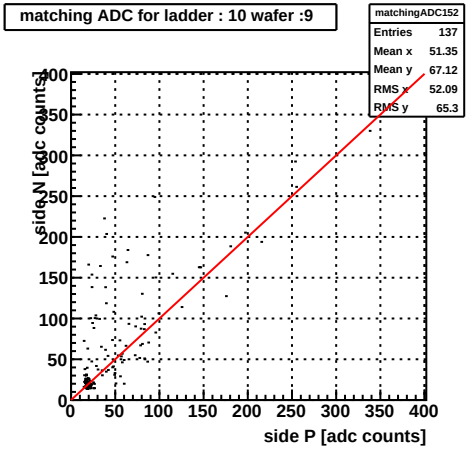

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 262
Mean x 60.15
Mean y 69.18
RMS x 61.35
RMS y 65.32
side N [adc counts]
side P [adc counts]

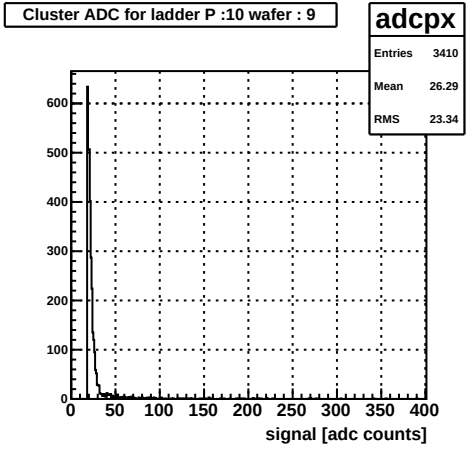

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2954
Mean 36.75
RMS 38.01
signal [adc counts]

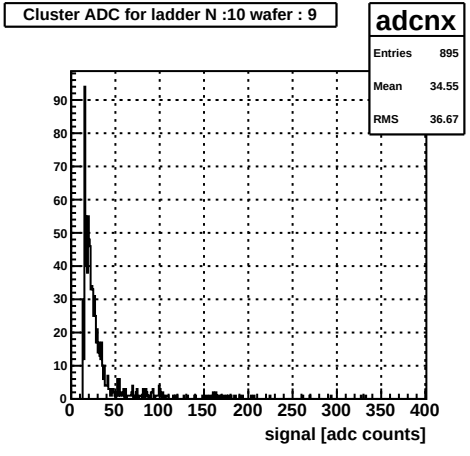

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3070
Mean 26.97
RMS 31.15
signal [adc counts]

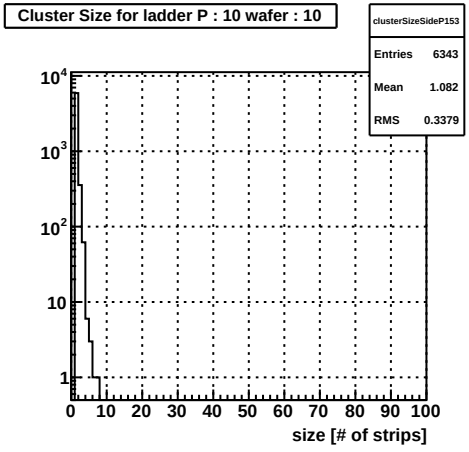

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3410
Mean 1.06
RMS 0.299
size [# of strips]

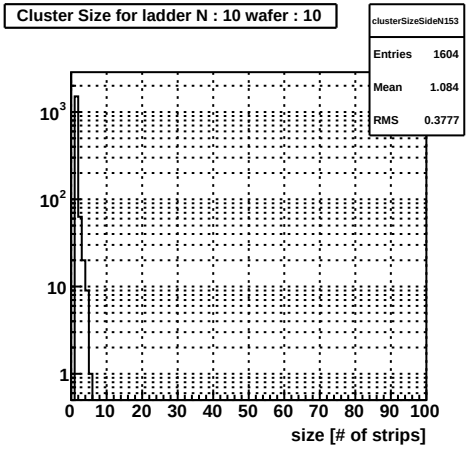

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 895
Mean 1.121
RMS 0.4619
size [# of strips]

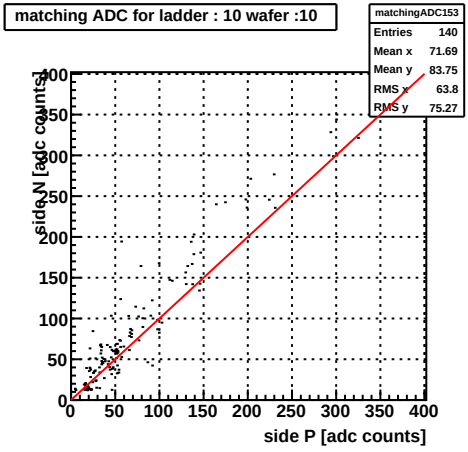

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 137
Mean x 51.35
Mean y 67.12
RMS x 52.09
RMS y 65.3
side N [adc counts]
side P [adc counts]

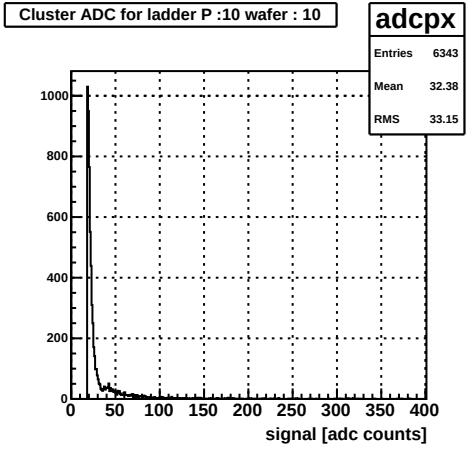

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3410
Mean 26.29
RMS 23.34
signal [adc counts]

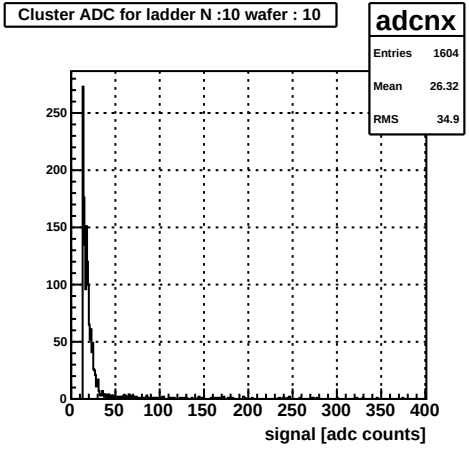

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 895
Mean 34.55
RMS 36.67
signal [adc counts]

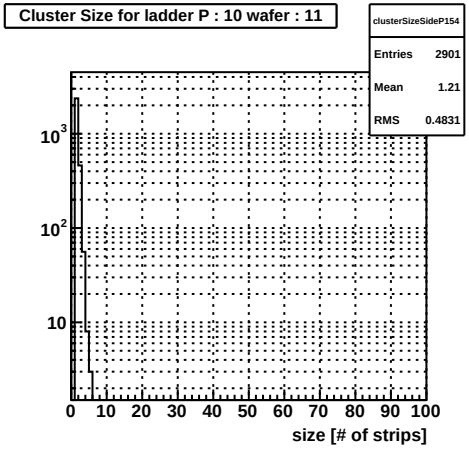

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6343
Mean 1.082
RMS 0.3379
size [# of strips]

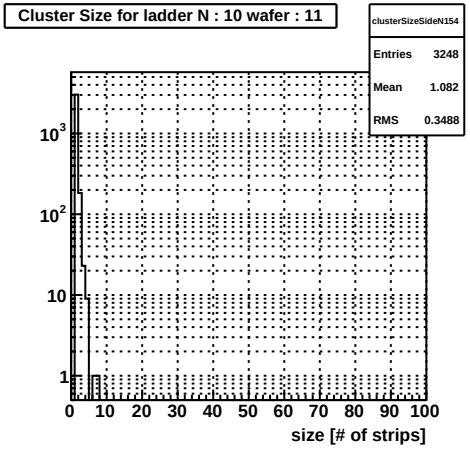

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1604
Mean 1.084
RMS 0.3777
size [# of strips]

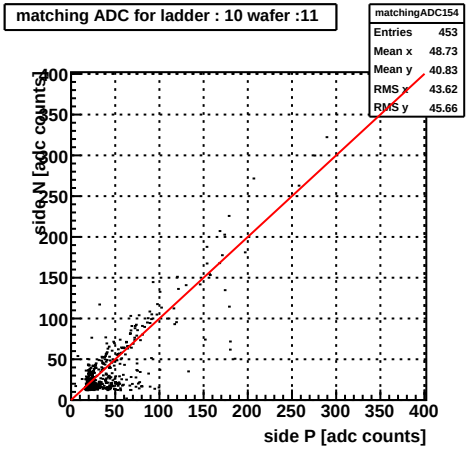

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 140
Mean x 71.69
Mean y 83.75
RMS x 63.8
RMS y 75.27
side N [adc counts]
side P [adc counts]

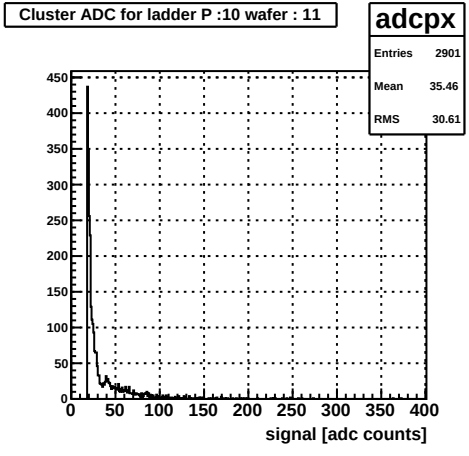

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6343
Mean 32.38
RMS 33.15
signal [adc counts]

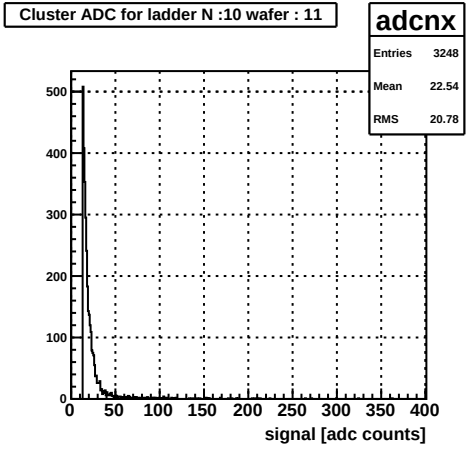

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1604
Mean 26.32
RMS 34.9
signal [adc counts]

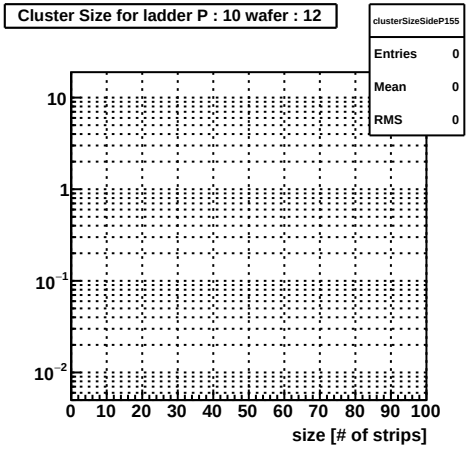

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2901
Mean 1.21
RMS 0.4831
size [# of strips]

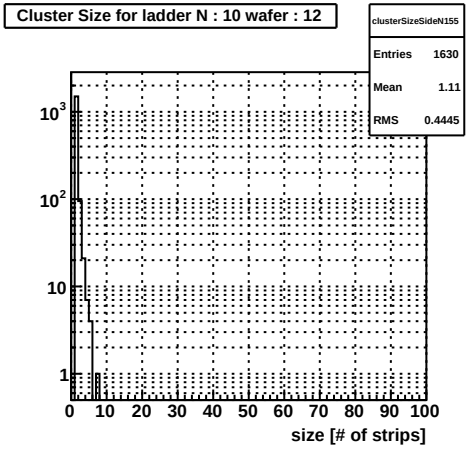

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3248
Mean 1.082
RMS 0.3488
size [# of strips]

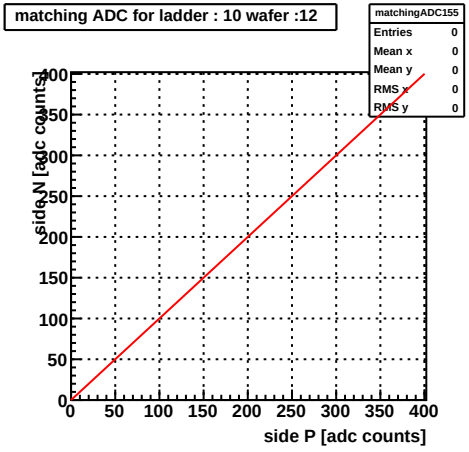

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 453
Mean x 48.73
Mean y 40.83
RMS x 43.62
RMS y 45.66
side N [adc counts]
side P [adc counts]

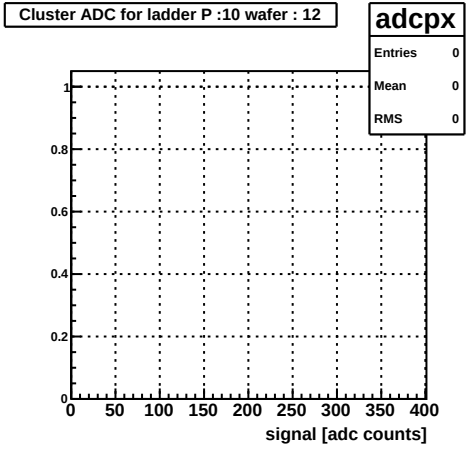

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2901
Mean 35.46
RMS 30.61
signal [adc counts]

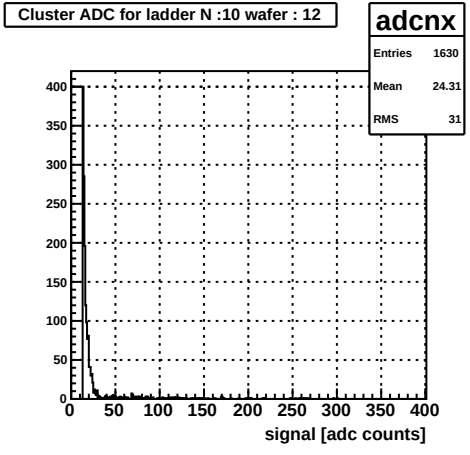

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3248
Mean 22.54
RMS 20.78
signal [adc counts]

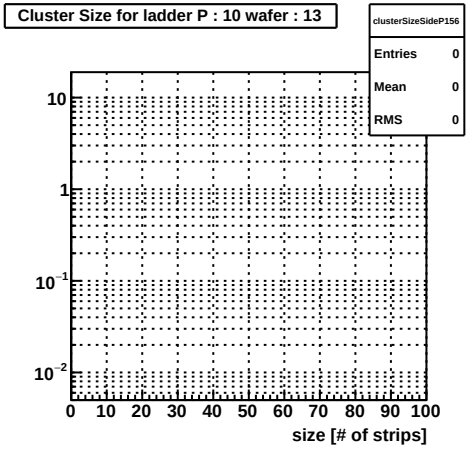

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

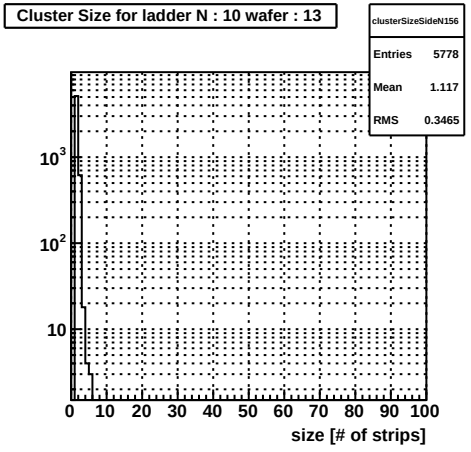

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1630
Mean 1.11
RMS 0.4445
size [# of strips]

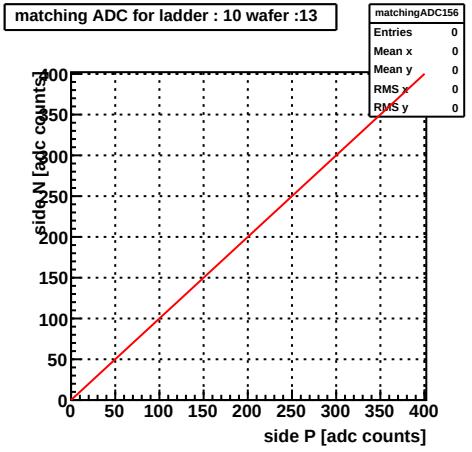

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

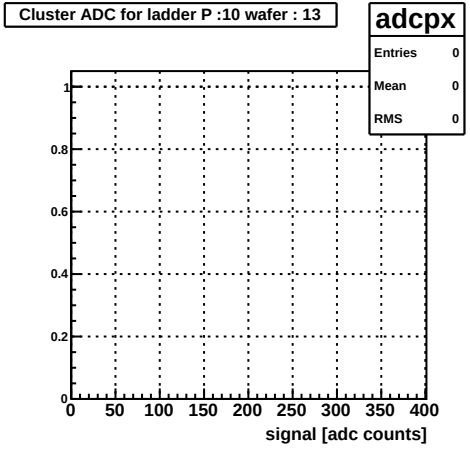

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

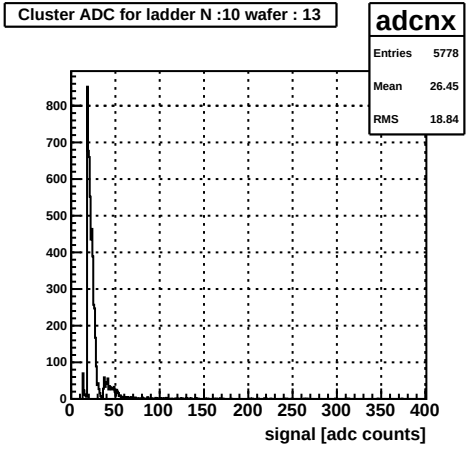

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1630
Mean 24.31
RMS 31
signal [adc counts]

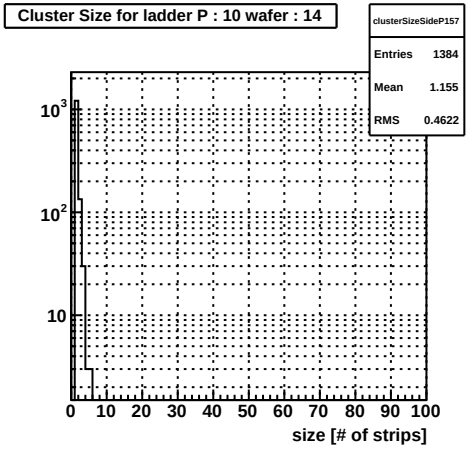

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

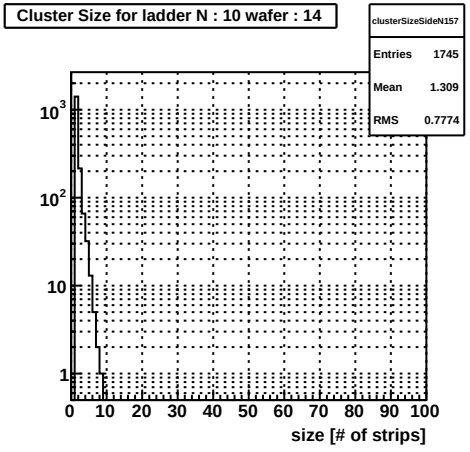

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5778
Mean 1.117
RMS 0.3465
size [# of strips]

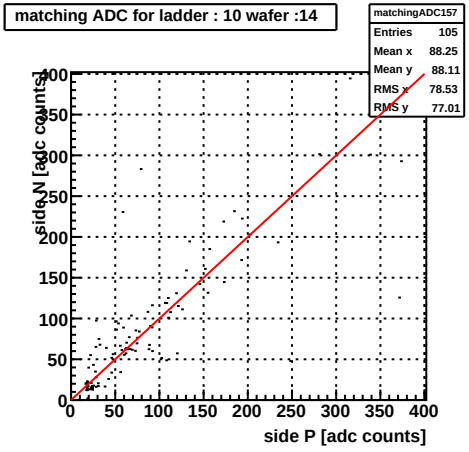

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

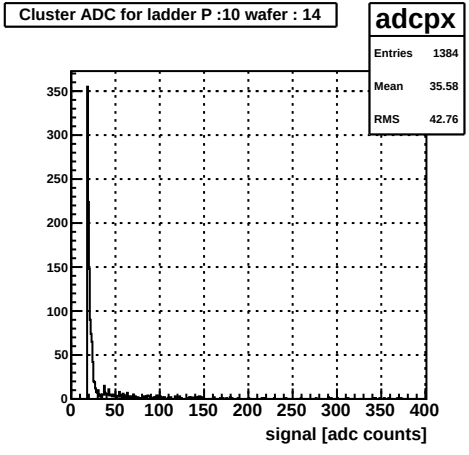

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

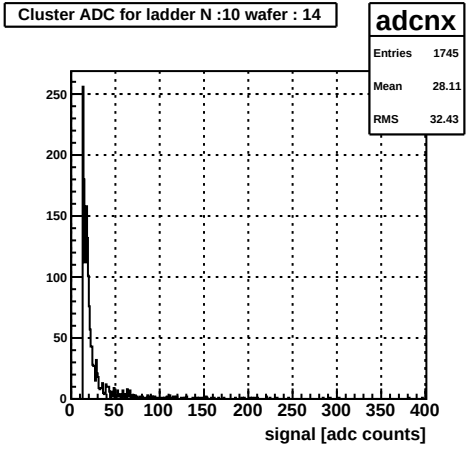

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5778
Mean 26.45
RMS 18.84
signal [adc counts]

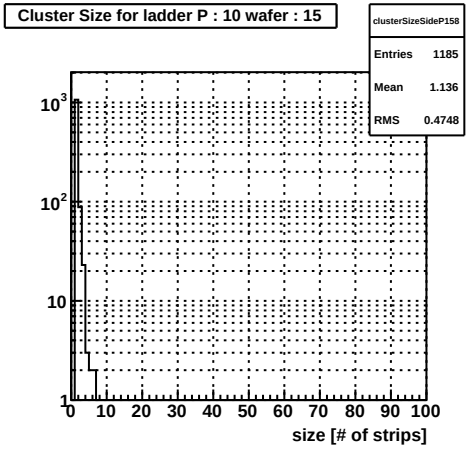

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1384
Mean 1.155
RMS 0.4622
size [# of strips]

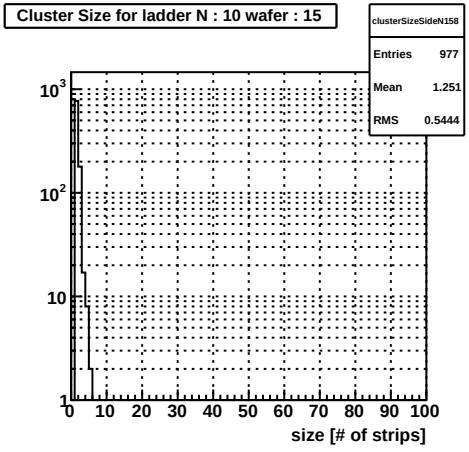

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1745
Mean 1.309
RMS 0.7774
size [# of strips]

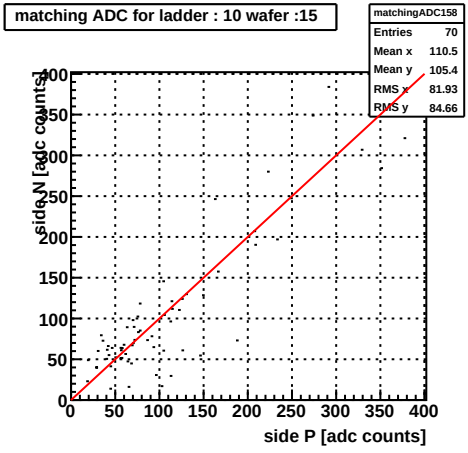

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 105
Mean x 88.25
Mean y 88.11
RMS x 78.53
RMS y 77.01
side N [adc counts]
side P [adc counts]

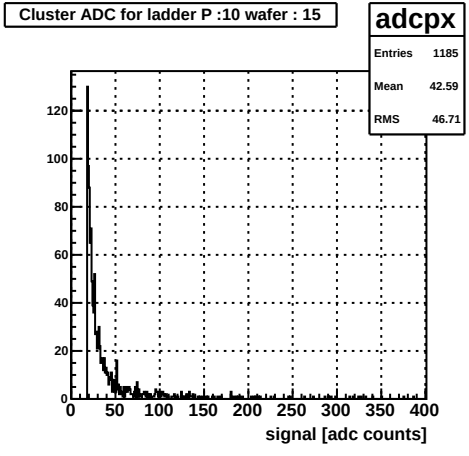

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1384
Mean 35.58
RMS 42.76
signal [adc counts]

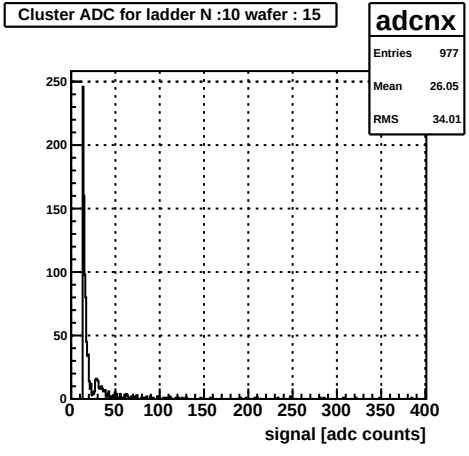

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1745
Mean 28.11
RMS 32.43
signal [adc counts]

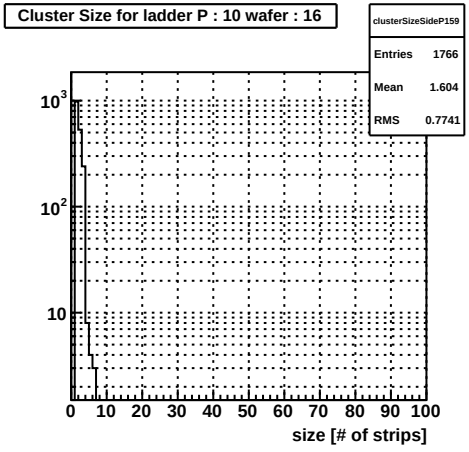

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1185
Mean 1.136
RMS 0.4748
size [# of strips]

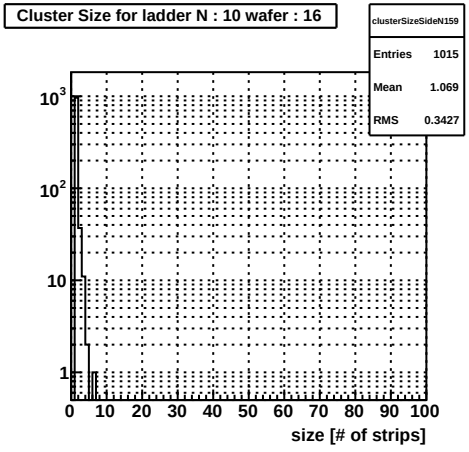

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 977
Mean 1.251
RMS 0.5444
size [# of strips]

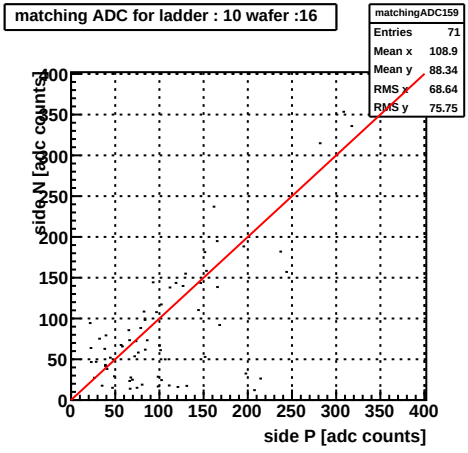

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 70
Mean x 110.5
Mean y 105.4
RMS x 81.93
RMS y 84.66
side N [adc counts]
side P [adc counts]

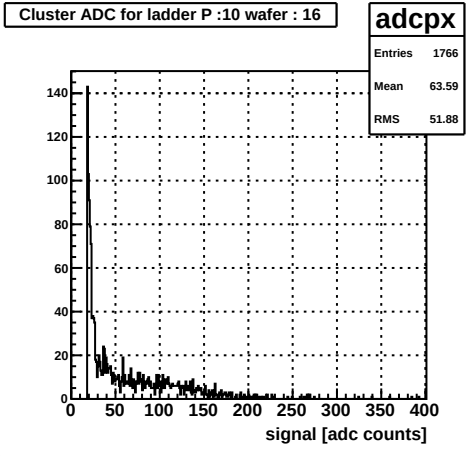

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1185
Mean 42.59
RMS 46.71
signal [adc counts]

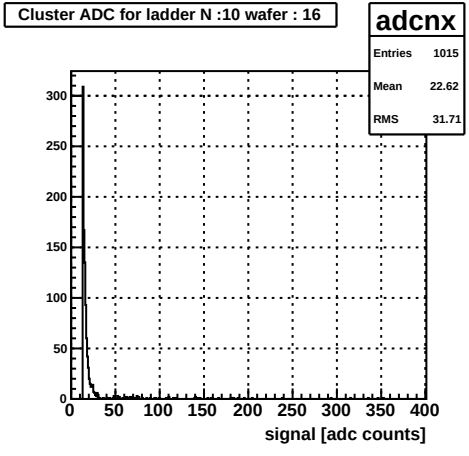

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 977
Mean 26.05
RMS 34.01
signal [adc counts]

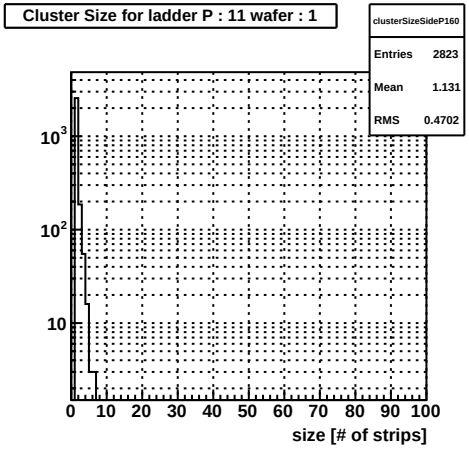

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1766
Mean 1.604
RMS 0.7741
size [# of strips]

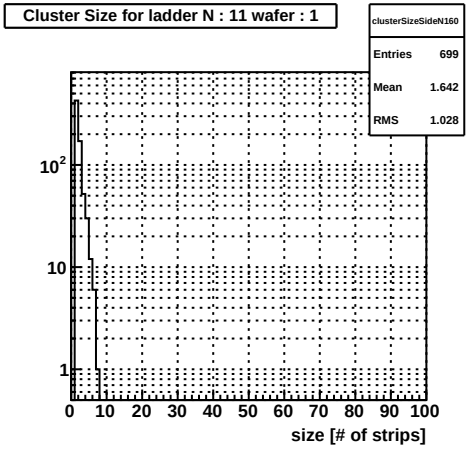

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1015
Mean 1.069
RMS 0.3427
size [# of strips]

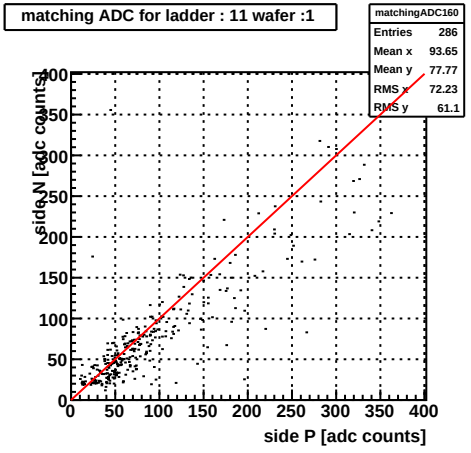

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 71
Mean x 108.9
Mean y 88.34
RMS x 68.64
RMS y 75.75
side N [adc counts]
side P [adc counts]

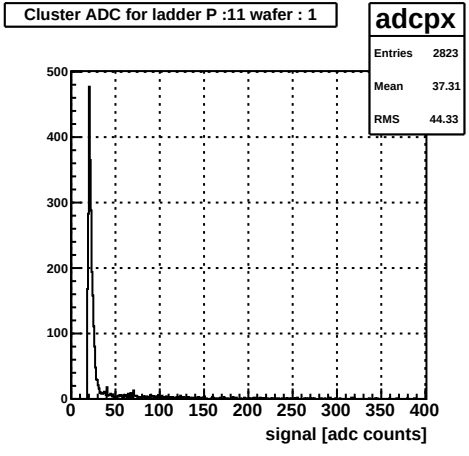

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1766
Mean 63.59
RMS 51.88
signal [adc counts]

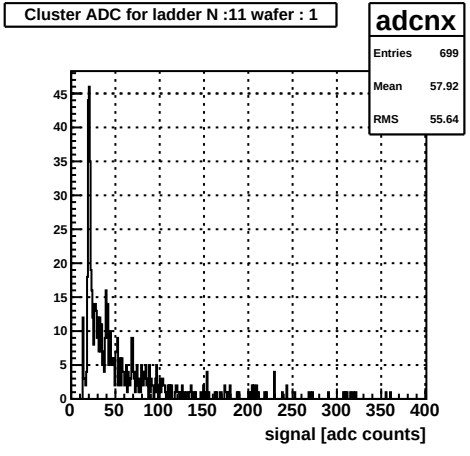

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1015
Mean 22.62
RMS 31.71
signal [adc counts]

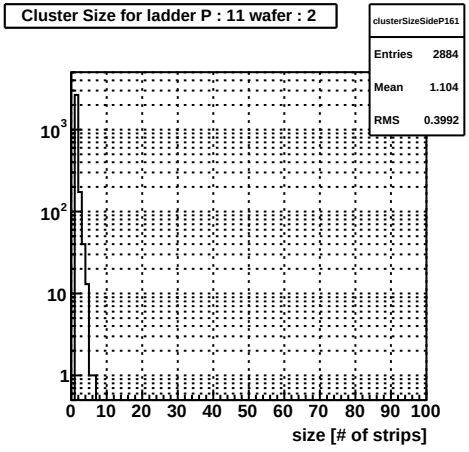

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2823
Mean 1.131
RMS 0.4702
size [# of strips]

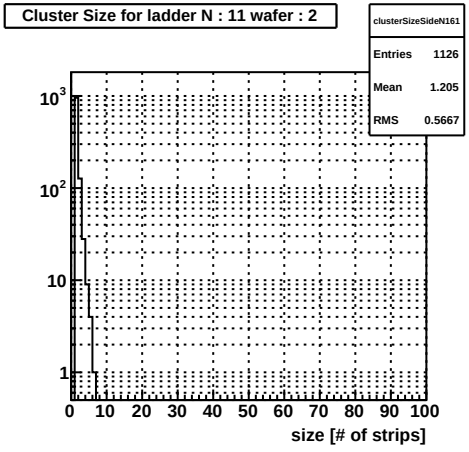

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 699
Mean 1.642
RMS 1.028
size [# of strips]

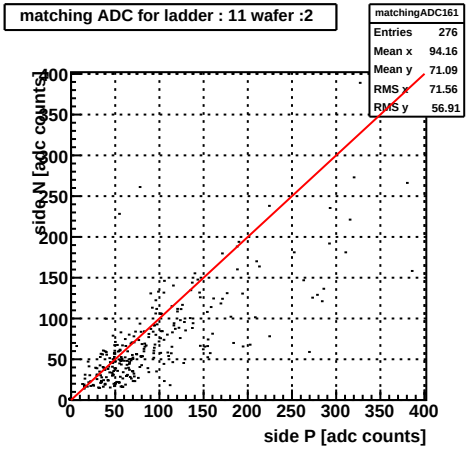

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 286
Mean x 93.65
Mean y 77.77
RMS x 72.23
RMS y 61.1
side N [adc counts]
side P [adc counts]

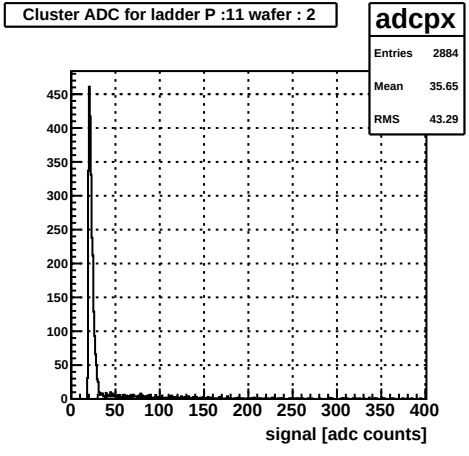

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2823
Mean 37.31
RMS 44.33
signal [adc counts]

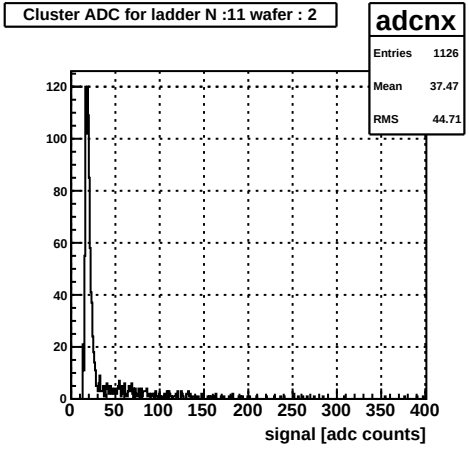

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 699
Mean 57.92
RMS 55.64
signal [adc counts]

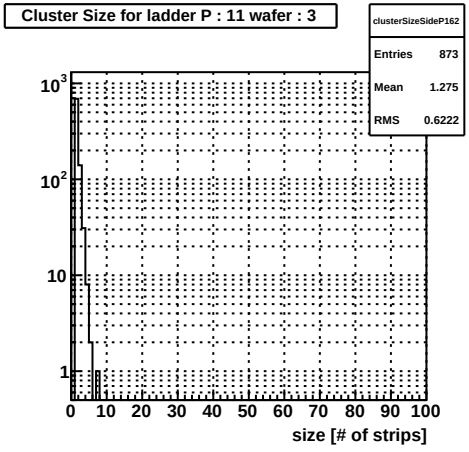

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2884
Mean 1.104
RMS 0.3992
size [# of strips]

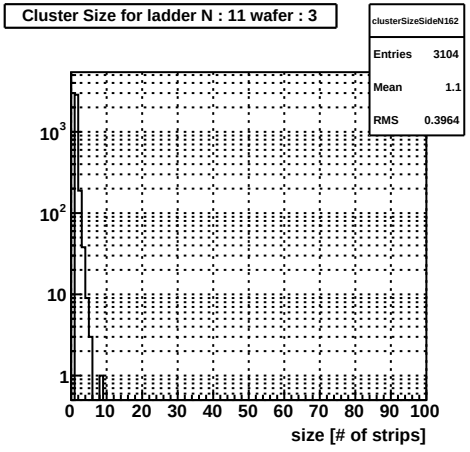

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1126
Mean 1.205
RMS 0.5667
size [# of strips]

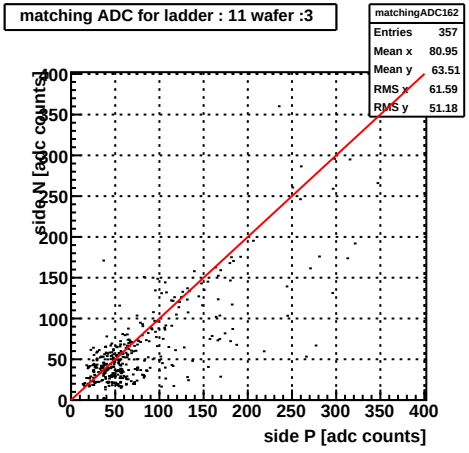

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 276
Mean x 94.16
Mean y 71.09
RMS x 71.56
RMS y 56.91
side N [adc counts]
side P [adc counts]

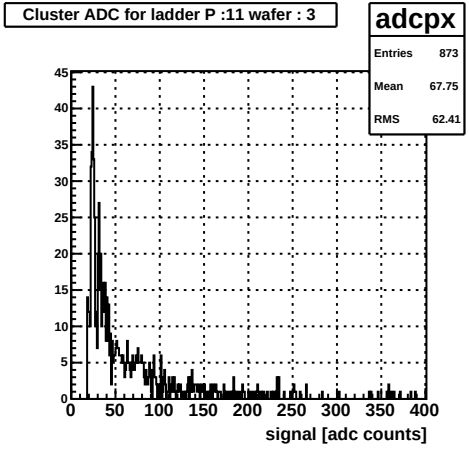

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2884
Mean 35.65
RMS 43.29
signal [adc counts]

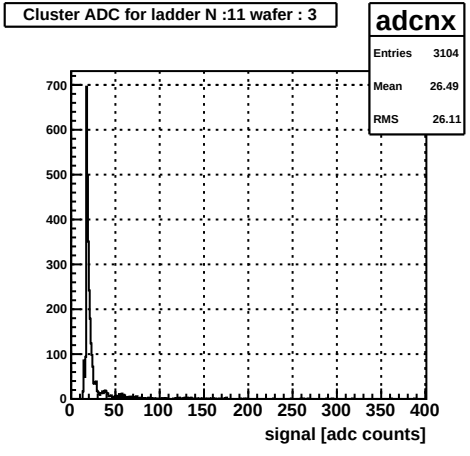

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1126
Mean 37.47
RMS 44.71
signal [adc counts]

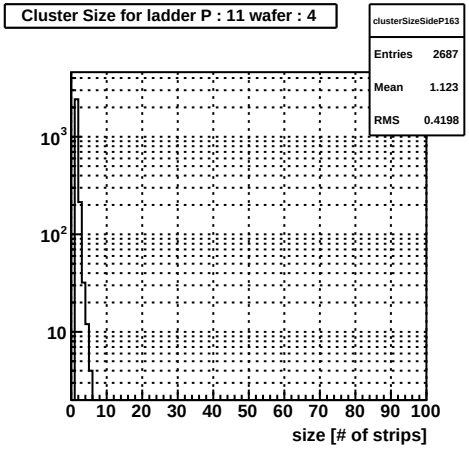

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 873
Mean 1.275
RMS 0.6222
size [# of strips]

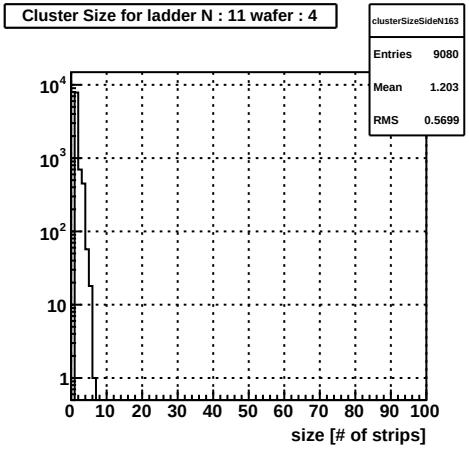

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3104
Mean 1.1
RMS 0.3964
size [# of strips]

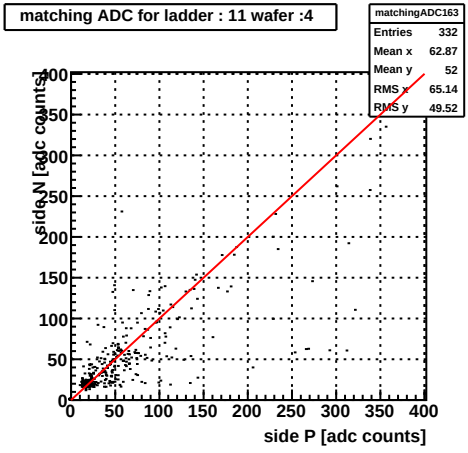

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 357
Mean x 80.95
Mean y 63.51
RMS x 61.59
RMS y 51.18
side N [adc counts]
side P [adc counts]

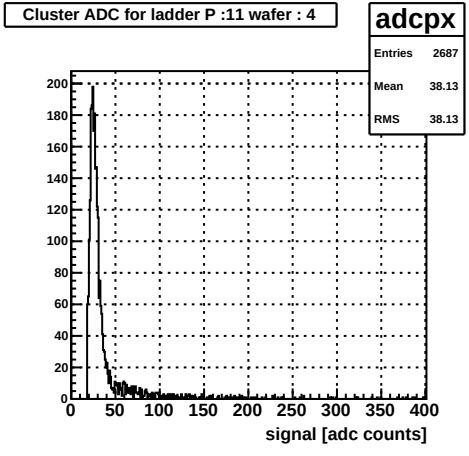

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 873
Mean 67.75
RMS 62.41
signal [adc counts]

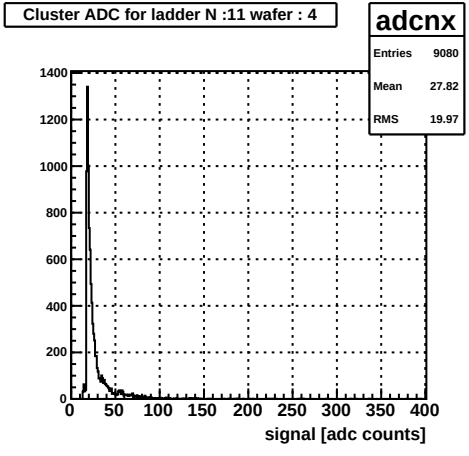

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3104
Mean 26.49
RMS 26.11
signal [adc counts]

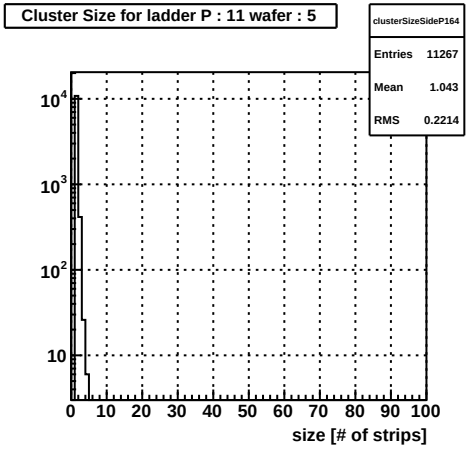

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2687
Mean 1.123
RMS 0.4198
size [# of strips]

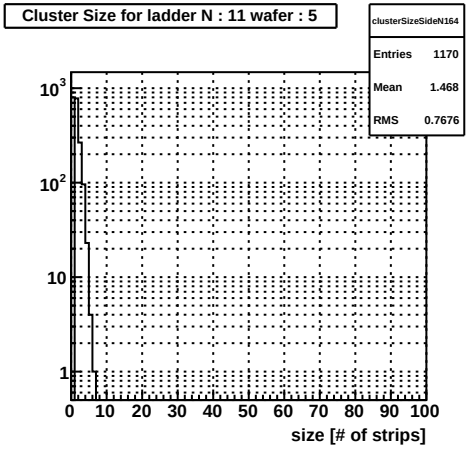

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9080
Mean 1.203
RMS 0.5699
size [# of strips]

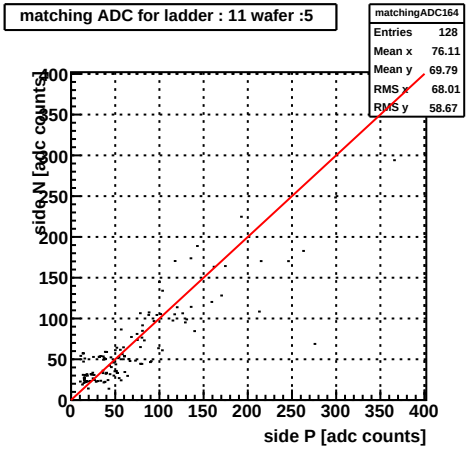

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 332
Mean x 62.87
Mean y 52
RMS x 65.14
RMS y 49.52
side N [adc counts]
side P [adc counts]

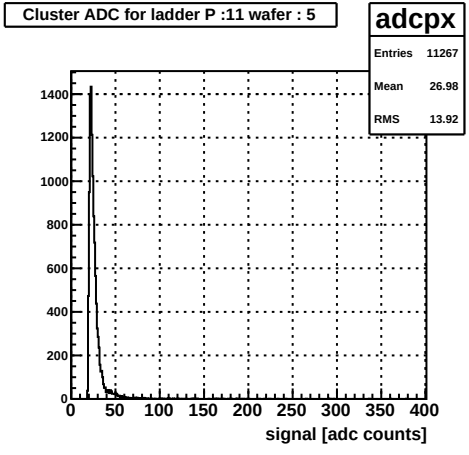

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2687
Mean 38.13
RMS 38.13
signal [adc counts]

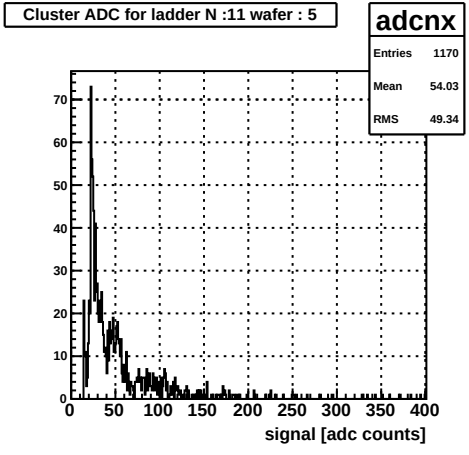

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9080
Mean 27.82
RMS 19.97
signal [adc counts]

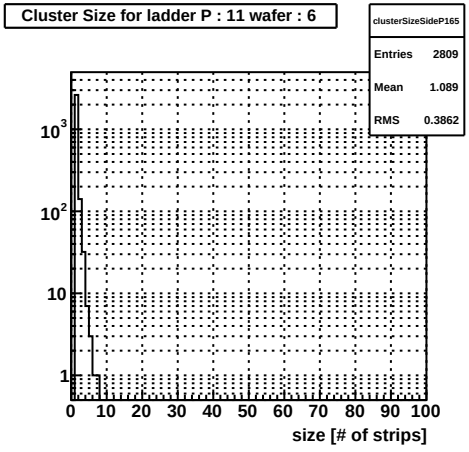

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11267
Mean 1.043
RMS 0.2214
size [# of strips]

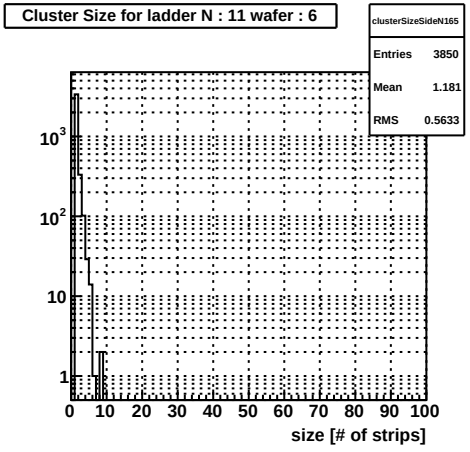

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1170
Mean 1.468
RMS 0.7676
size [# of strips]

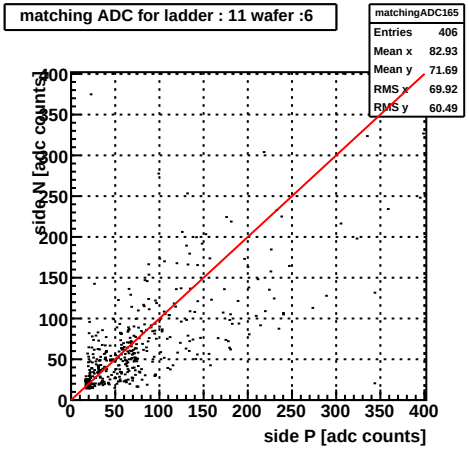

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 128
Mean x 76.11
Mean y 69.79
RMS x 68.01
RMS y 58.67
side N [adc counts]
side P [adc counts]

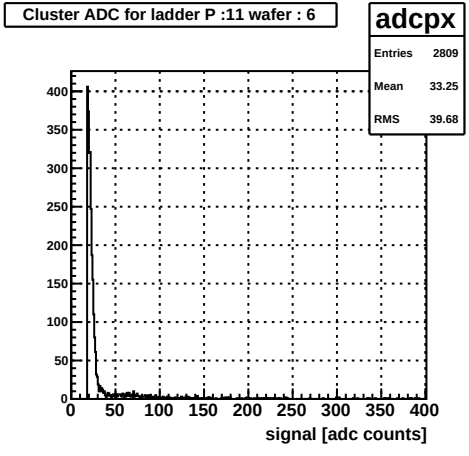

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11267
Mean 26.98
RMS 13.92
signal [adc counts]

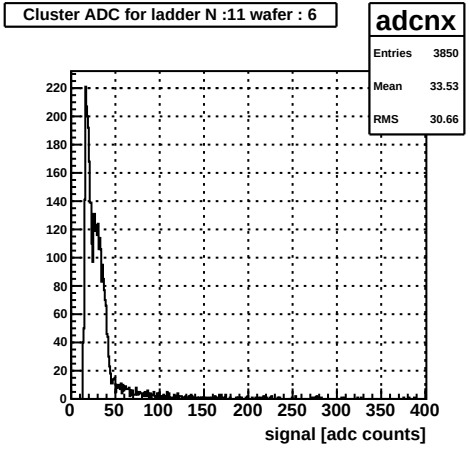

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1170
Mean 54.03
RMS 49.34
signal [adc counts]

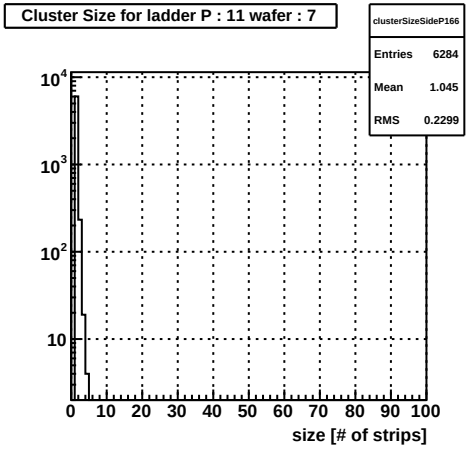

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2809
Mean 1.089
RMS 0.3862
size [# of strips]

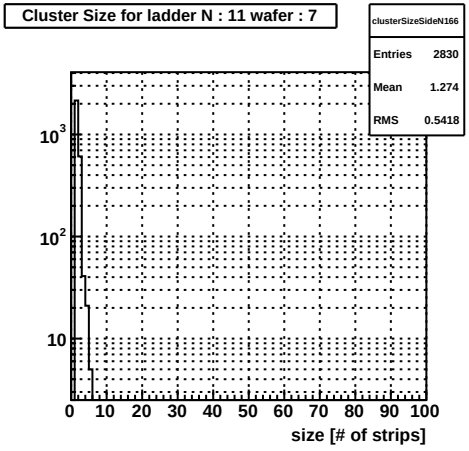

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3850
Mean 1.181
RMS 0.5633
size [# of strips]

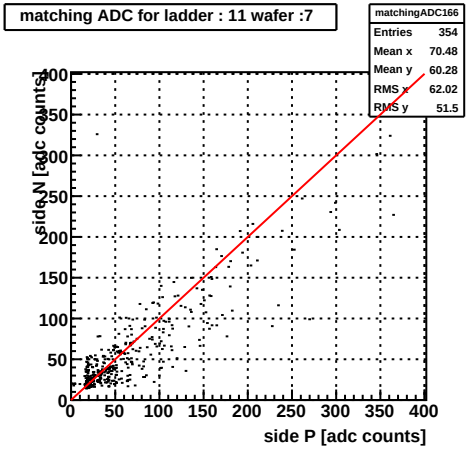

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 406
Mean x 82.93
Mean y 71.69
RMS x 69.92
RMS y 60.49
side N [adc counts]
side P [adc counts]

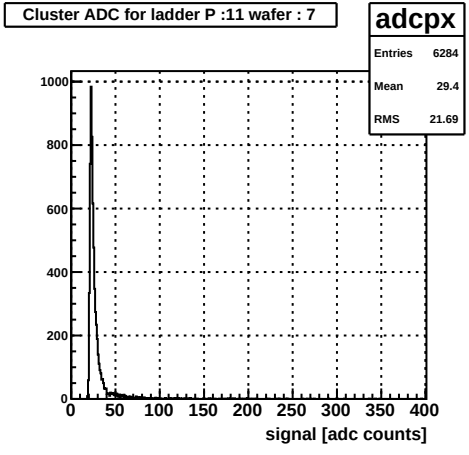

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2809
Mean 33.25
RMS 39.68
signal [adc counts]

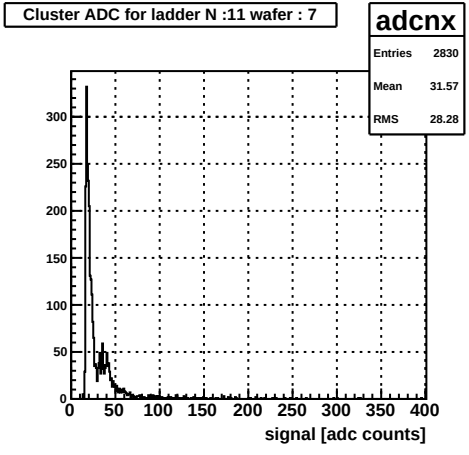

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3850
Mean 33.53
RMS 30.66
signal [adc counts]

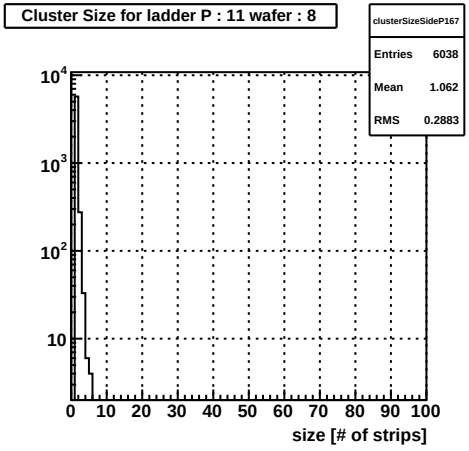

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6284
Mean 1.045
RMS 0.2299
size [# of strips]

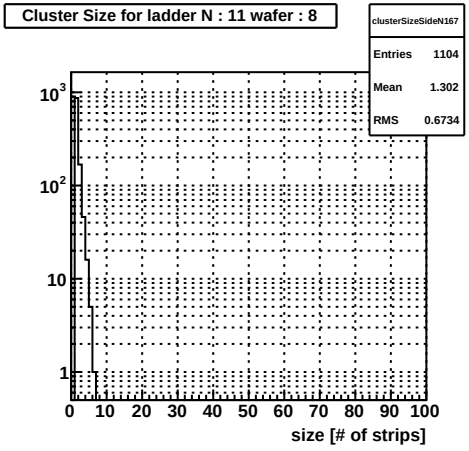

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2830
Mean 1.274
RMS 0.5418
size [# of strips]

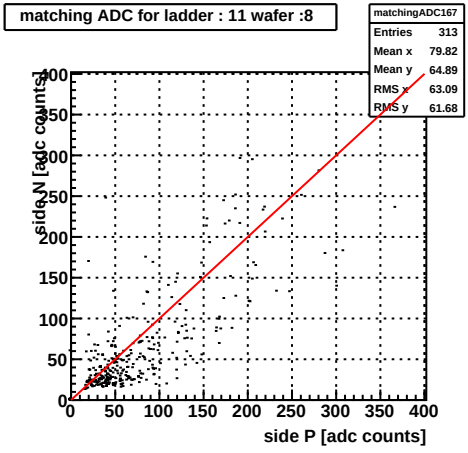

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 354
Mean x 70.48
Mean y 60.28
RMS x 62.02
RMS y 51.5
side N [adc counts]
side P [adc counts]

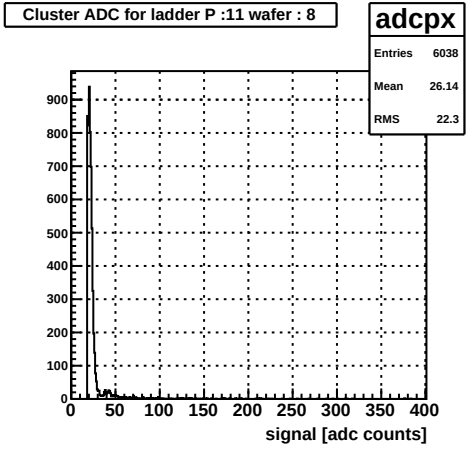

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6284
Mean 29.4
RMS 21.69
signal [adc counts]

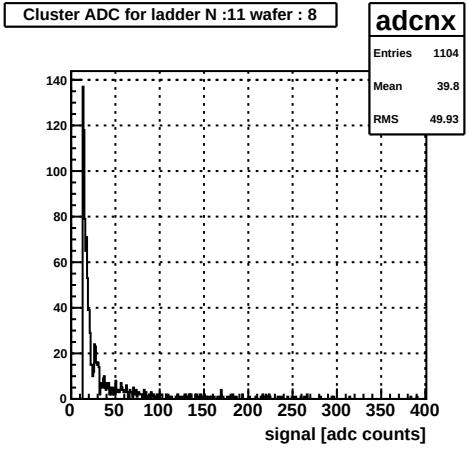

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2830
Mean 31.57
RMS 28.28
signal [adc counts]

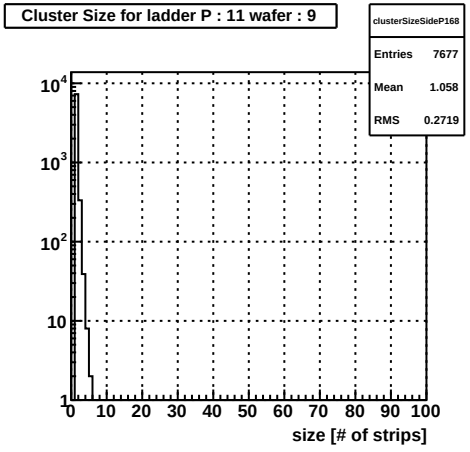

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6038
Mean 1.062
RMS 0.2883
size [# of strips]

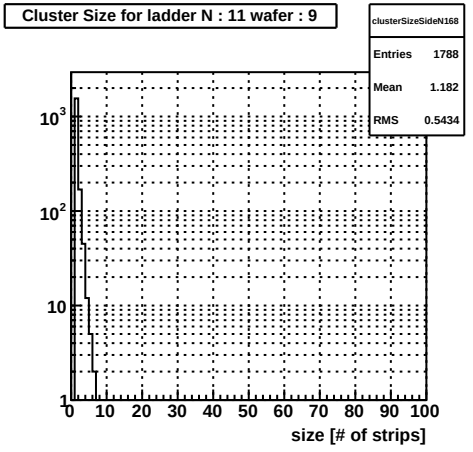

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1104
Mean 1.302
RMS 0.6734
size [# of strips]

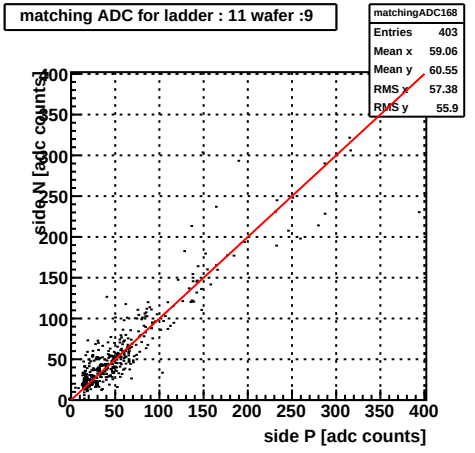

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 313
Mean x 79.82
Mean y 64.89
RMS x 63.09
RMS y 61.68
side N [adc counts]
side P [adc counts]

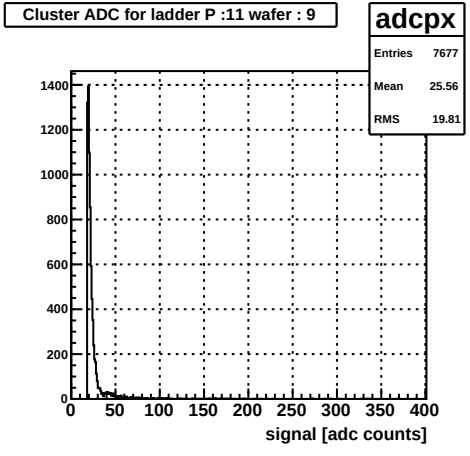

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6038
Mean 26.14
RMS 22.3
signal [adc counts]

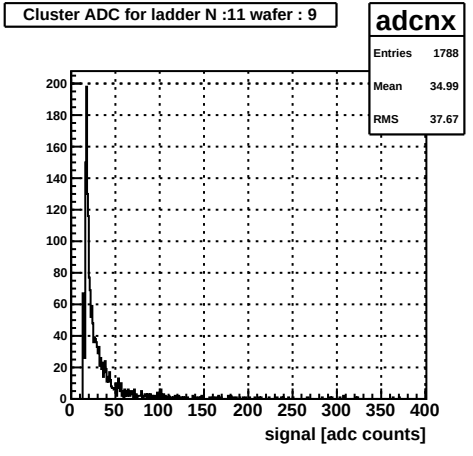

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1104
Mean 39.8
RMS 49.93
signal [adc counts]

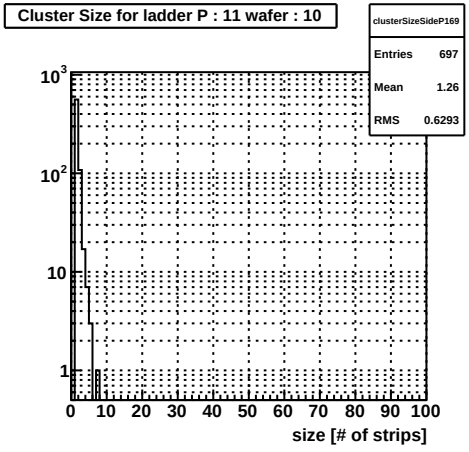

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7677
Mean 1.058
RMS 0.2719
size [# of strips]

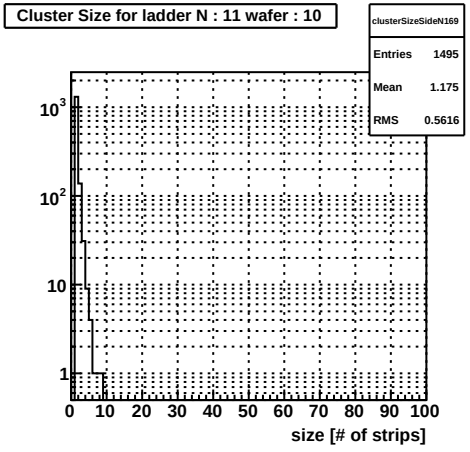

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1788
Mean 1.182
RMS 0.5434
size [# of strips]

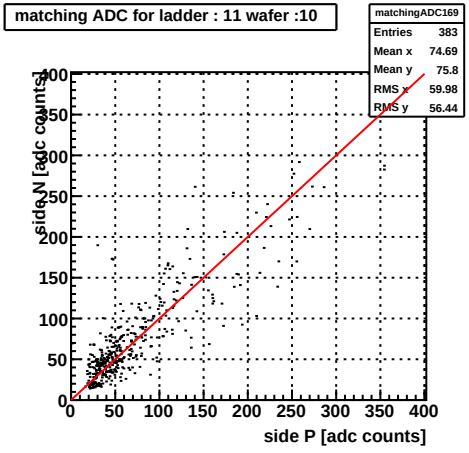

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 403
Mean x 59.06
Mean y 60.55
RMS x 57.38
RMS y 55.9
side N [adc counts]
side P [adc counts]

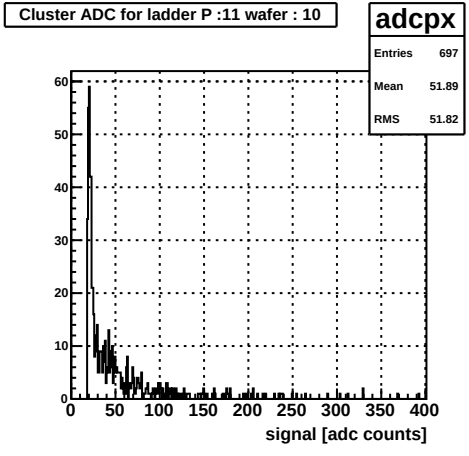

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7677
Mean 25.56
RMS 19.81
signal [adc counts]

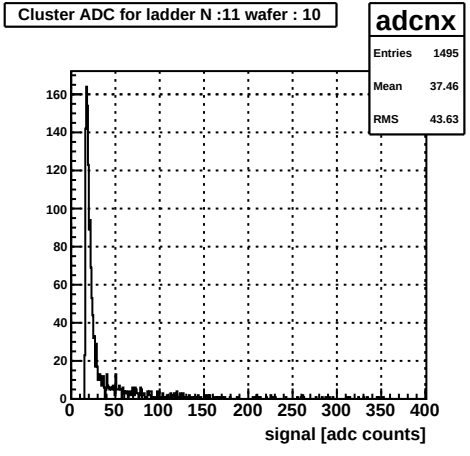

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1788
Mean 34.99
RMS 37.67
signal [adc counts]

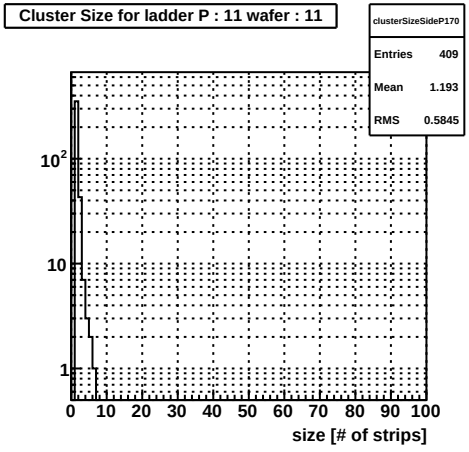

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 697
Mean 1.26
RMS 0.6293
size [# of strips]

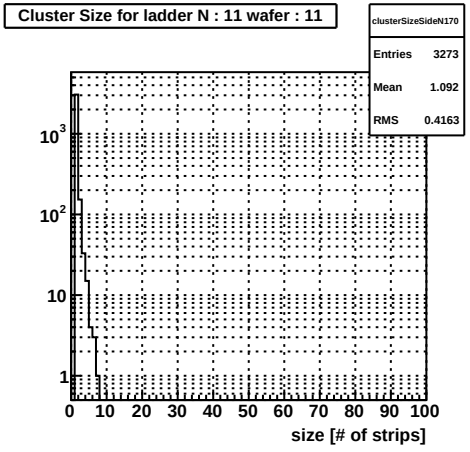

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1495
Mean 1.175
RMS 0.5616
size [# of strips]

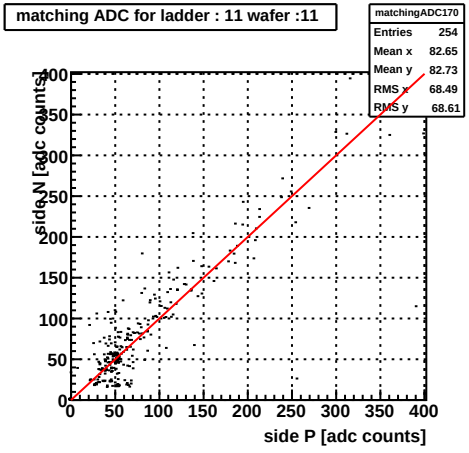

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 383
Mean x 74.69
Mean y 75.8
RMS x 59.98
RMS y 56.44
side N [adc counts]
side P [adc counts]

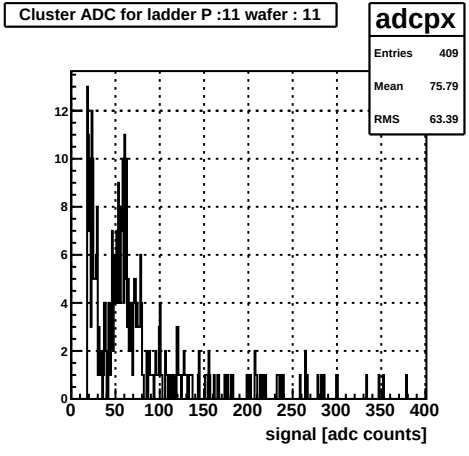

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 697
Mean 51.89
RMS 51.82
signal [adc counts]

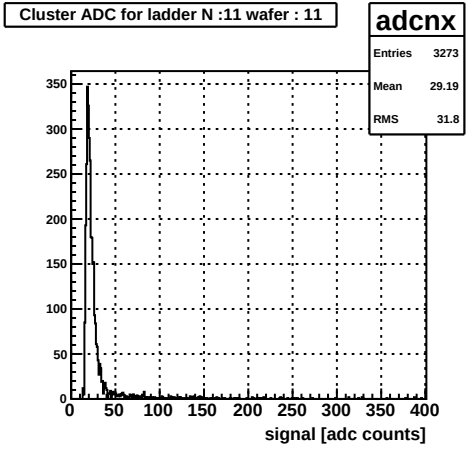

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1495
Mean 37.46
RMS 43.63
signal [adc counts]

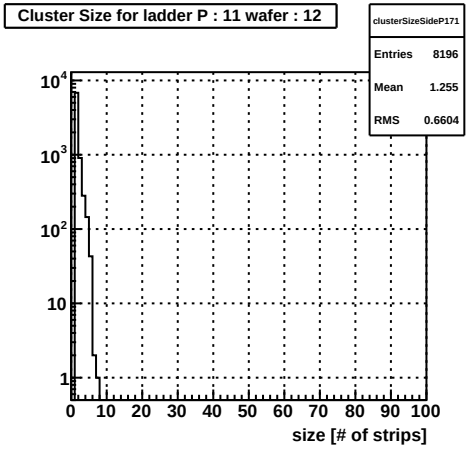

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 409
Mean 1.193
RMS 0.5845
size [# of strips]

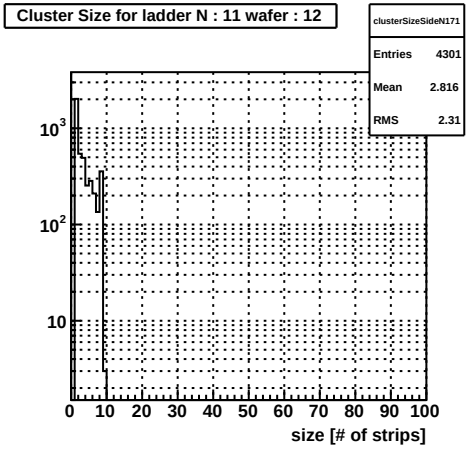

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3273
Mean 1.092
RMS 0.4163
size [# of strips]

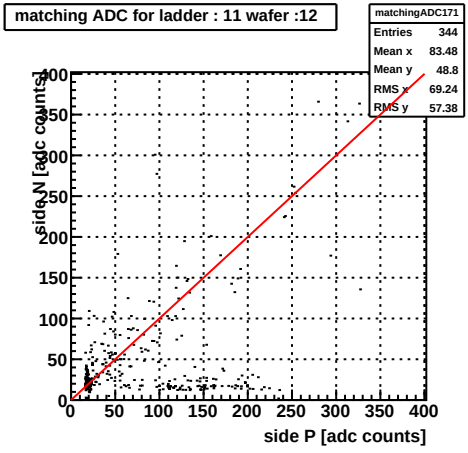

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 254
Mean x 82.65
Mean y 82.73
RMS x 68.49
RMS y 68.61
side N [adc counts]
side P [adc counts]

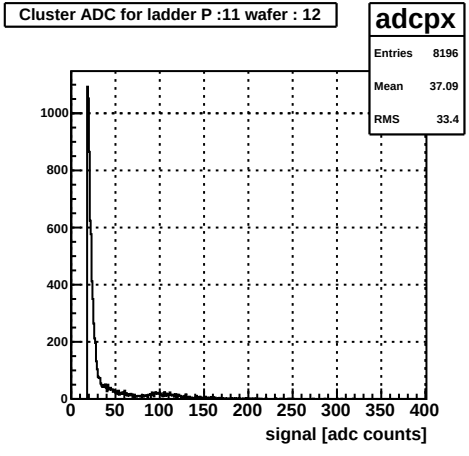

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 409
Mean 75.79
RMS 63.39
signal [adc counts]

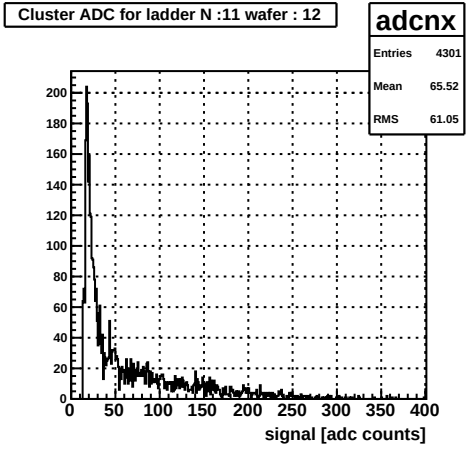

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3273
Mean 29.19
RMS 31.8
signal [adc counts]

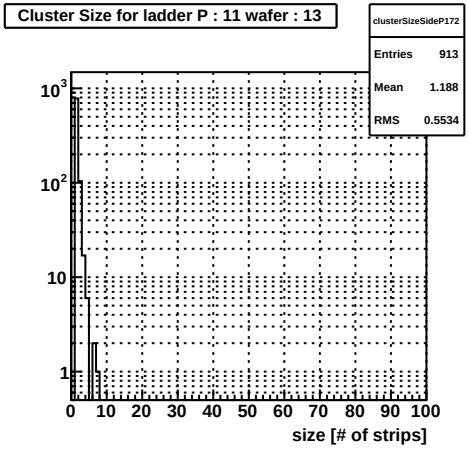

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8196
Mean 1.255
RMS 0.6604
size [# of strips]

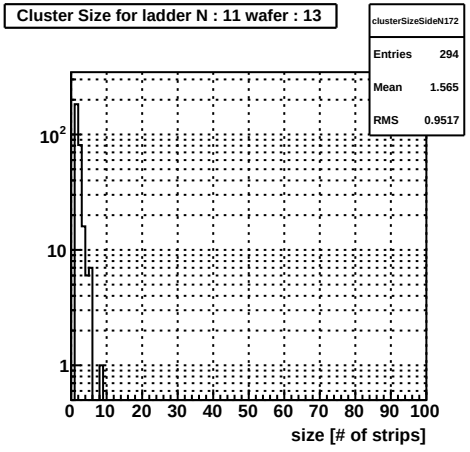

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4301
Mean 2.816
RMS 2.31
size [# of strips]

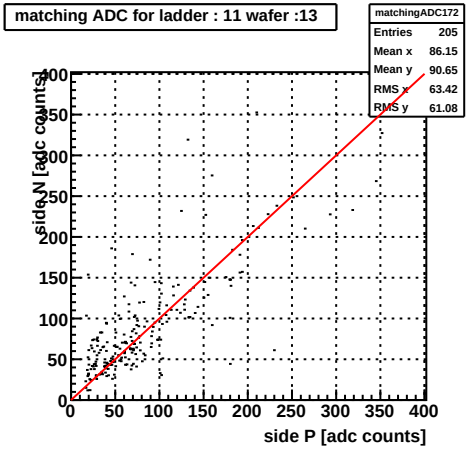

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 344
Mean x 83.48
Mean y 48.8
RMS x 69.24
RMS y 57.38
side N [adc counts]
side P [adc counts]

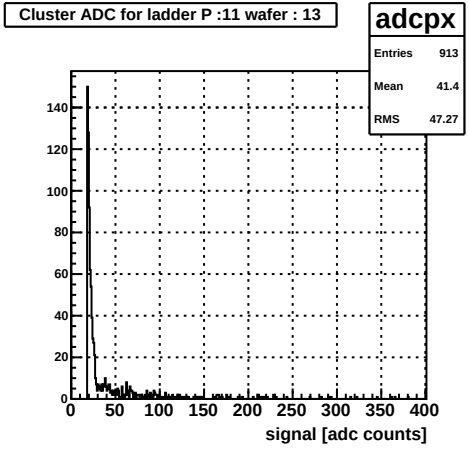

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8196
Mean 37.09
RMS 33.4
signal [adc counts]

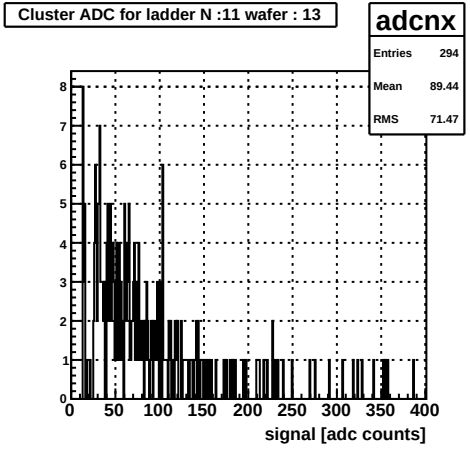

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4301
Mean 65.52
RMS 61.05
signal [adc counts]

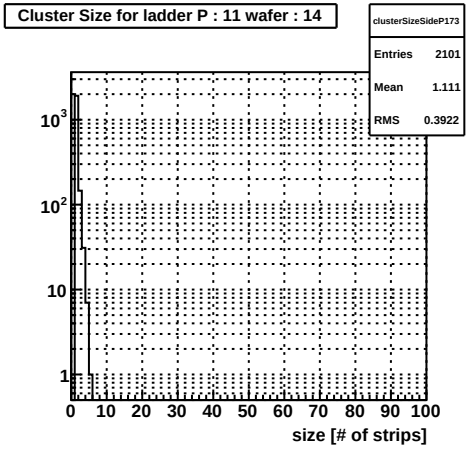

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 913
Mean 1.188
RMS 0.5534
size [# of strips]

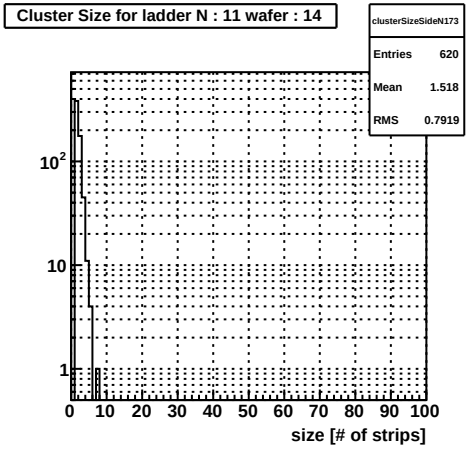

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 294
Mean 1.565
RMS 0.9517
size [# of strips]

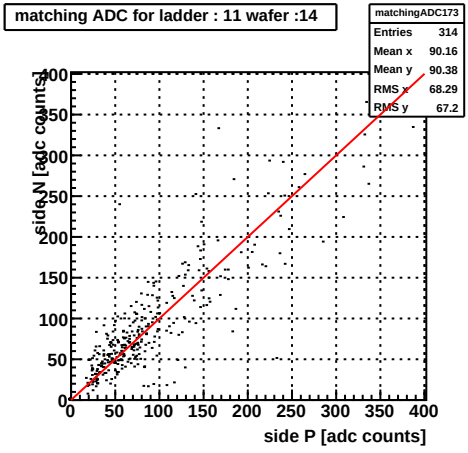

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 205
Mean x 86.15
Mean y 90.65
RMS x 63.42
RMS y 61.08
side N [adc counts]
side P [adc counts]

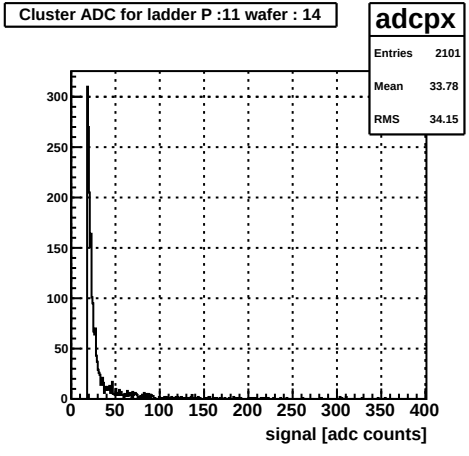

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 913
Mean 41.4
RMS 47.27
signal [adc counts]

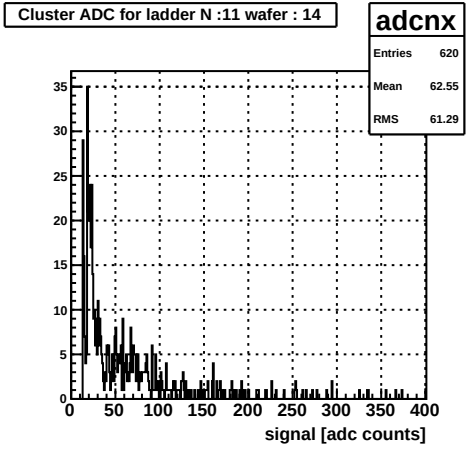

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 294
Mean 89.44
RMS 71.47
signal [adc counts]

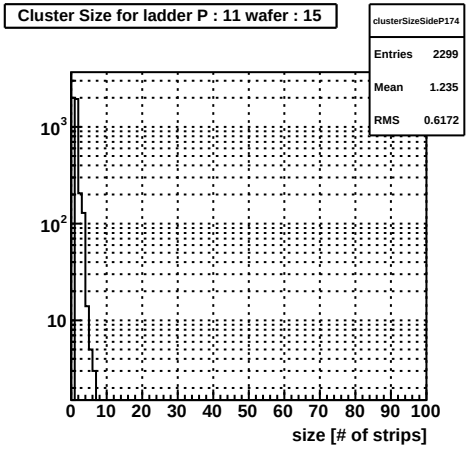

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2101
Mean 1.111
RMS 0.3922
size [# of strips]

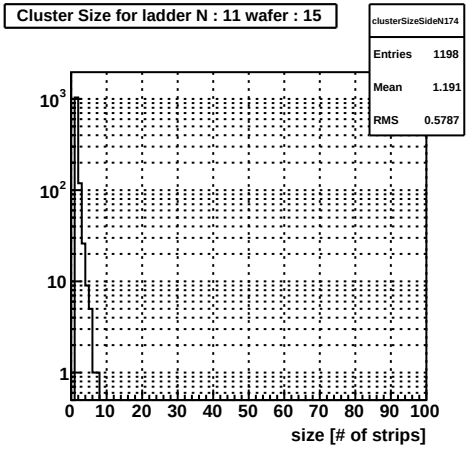

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 620
Mean 1.518
RMS 0.7919
size [# of strips]

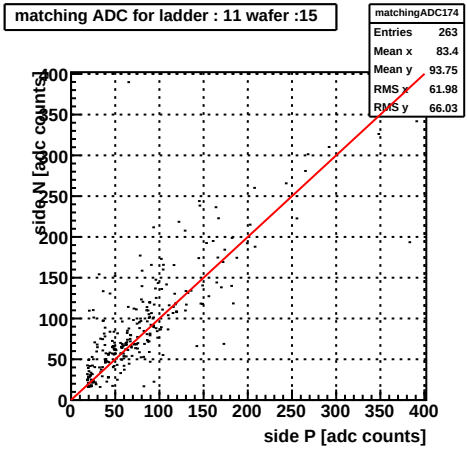

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 314
Mean x 90.16
Mean y 90.38
RMS x 68.29
RMS y 67.2
side N [adc counts]
side P [adc counts]

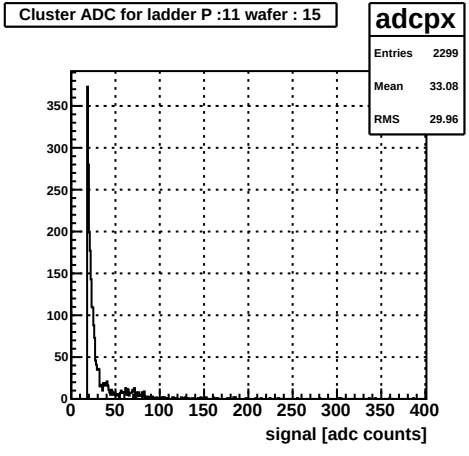

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2101
Mean 33.78
RMS 34.15
signal [adc counts]

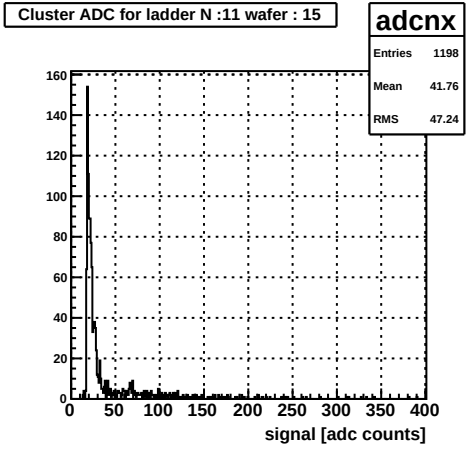

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 620
Mean 62.55
RMS 61.29
signal [adc counts]

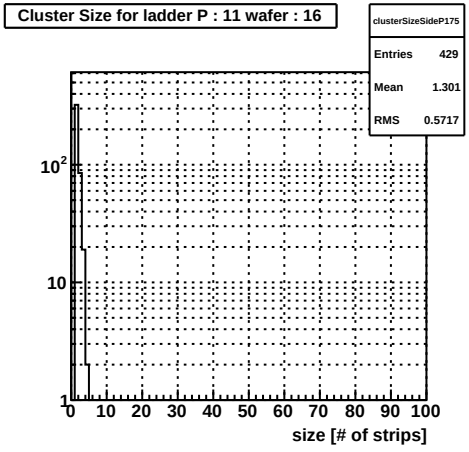

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2299
Mean 1.235
RMS 0.6172
size [# of strips]

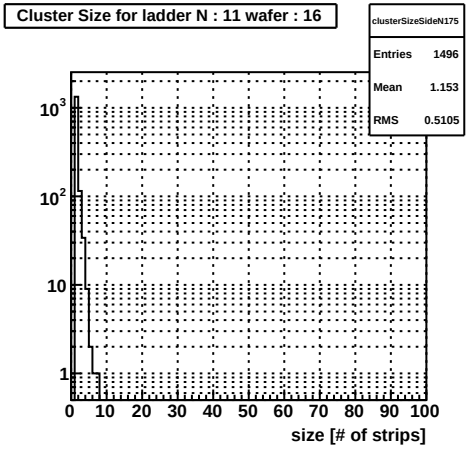

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1198
Mean 1.191
RMS 0.5787
size [# of strips]

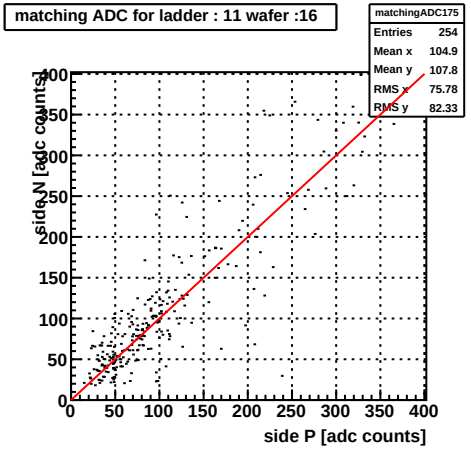

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 263
Mean x 83.4
Mean y 93.75
RMS x 61.98
RMS y 66.03
side N [adc counts]
side P [adc counts]

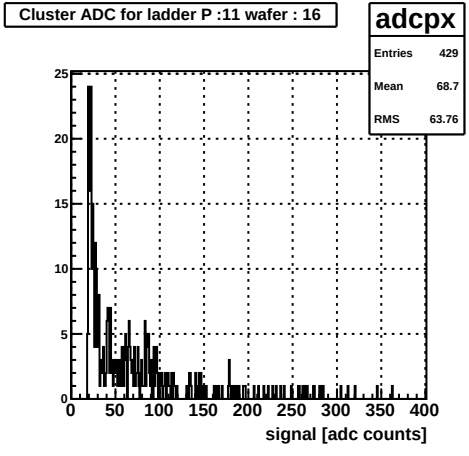

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2299
Mean 33.08
RMS 29.96
signal [adc counts]

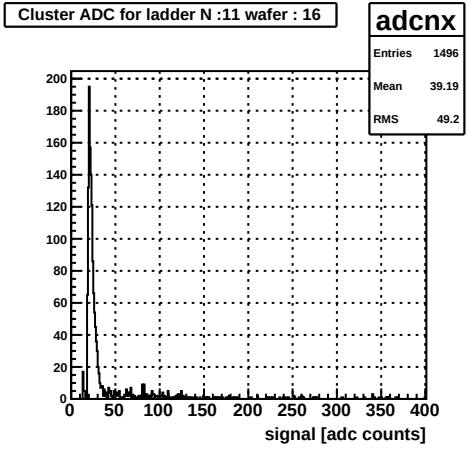

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1198
Mean 41.76
RMS 47.24
signal [adc counts]

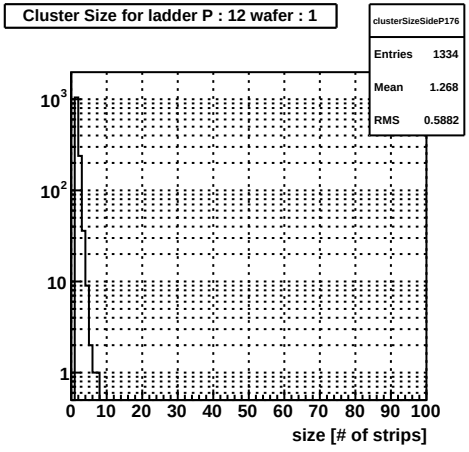

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 429
Mean 1.301
RMS 0.5717
size [# of strips]

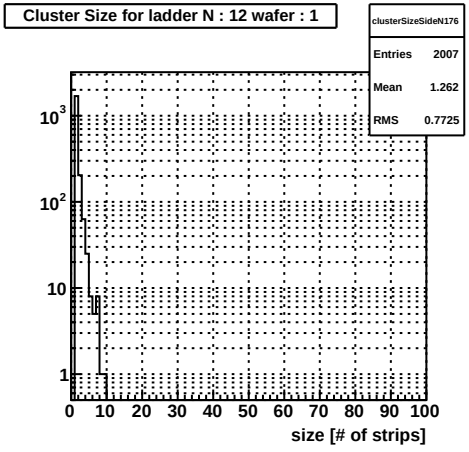

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1496
Mean 1.153
RMS 0.5105
size [# of strips]

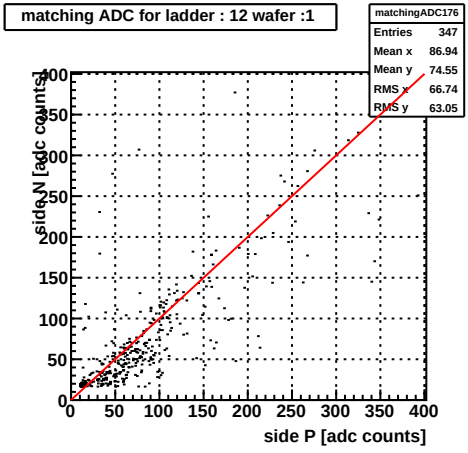

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 254
Mean x 104.9
Mean y 107.8
RMS x 75.78
RMS y 82.33
side N [adc counts]
side P [adc counts]

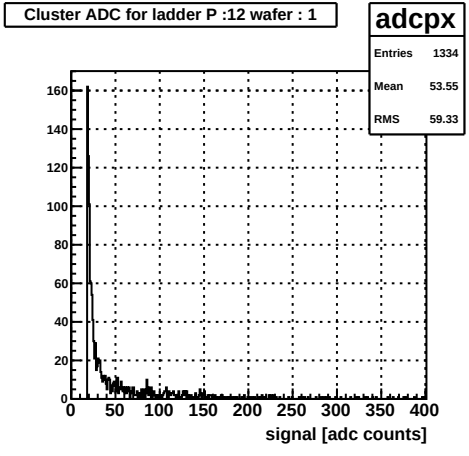

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 429
Mean 68.7
RMS 63.76
signal [adc counts]

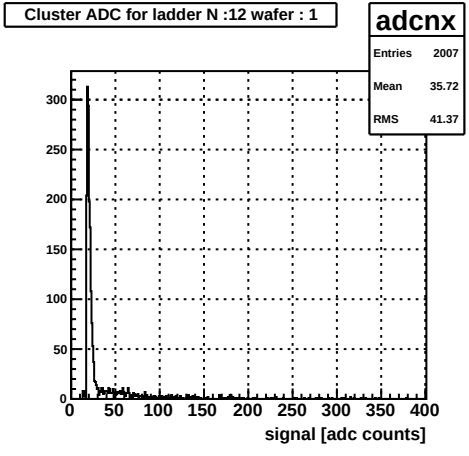

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1496
Mean 39.19
RMS 49.2
signal [adc counts]

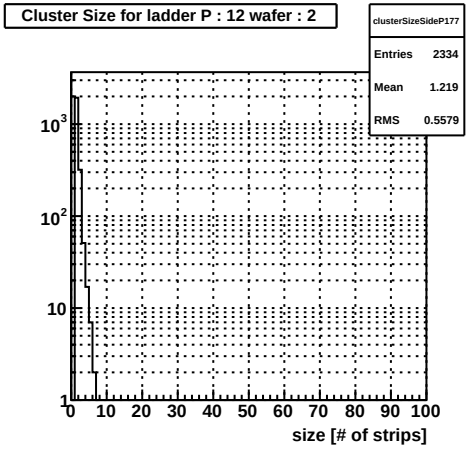

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1334
Mean 1.268
RMS 0.5882
size [# of strips]

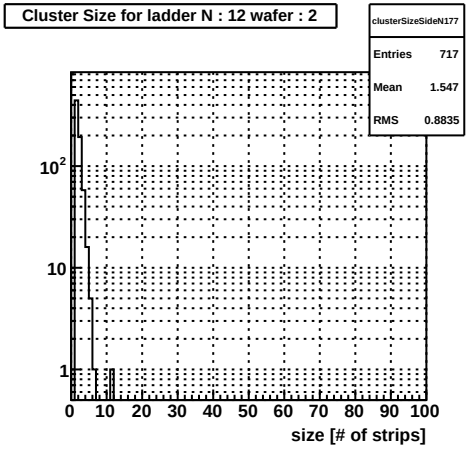

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2007
Mean 1.262
RMS 0.7725
size [# of strips]

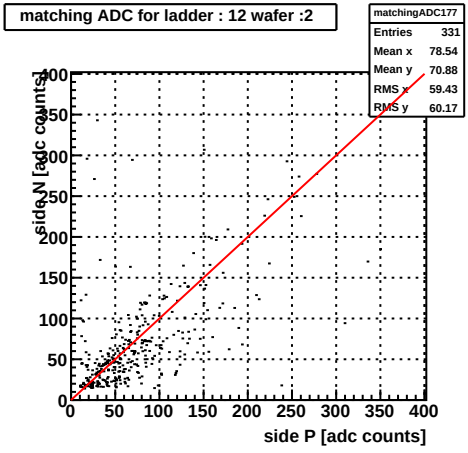

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 347
Mean x 86.94
Mean y 74.55
RMS x 66.74
RMS y 63.05
side N [adc counts]
side P [adc counts]

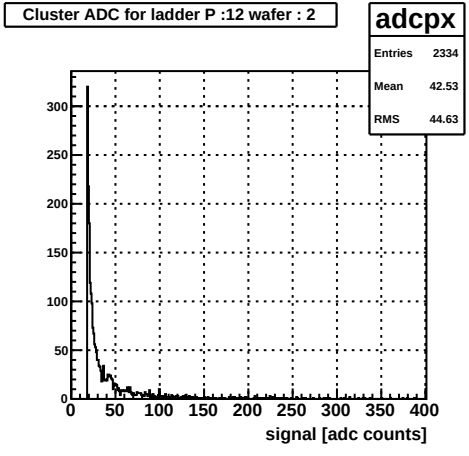

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1334
Mean 53.55
RMS 59.33
signal [adc counts]

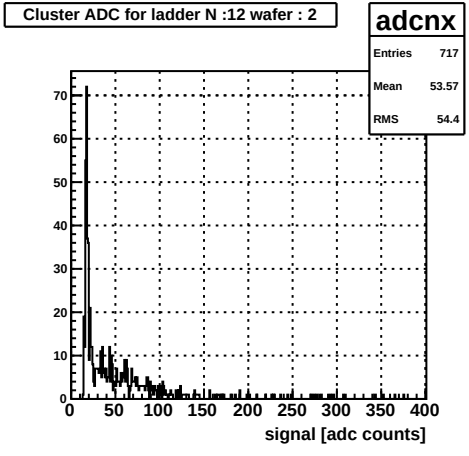

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2007
Mean 35.72
RMS 41.37
signal [adc counts]

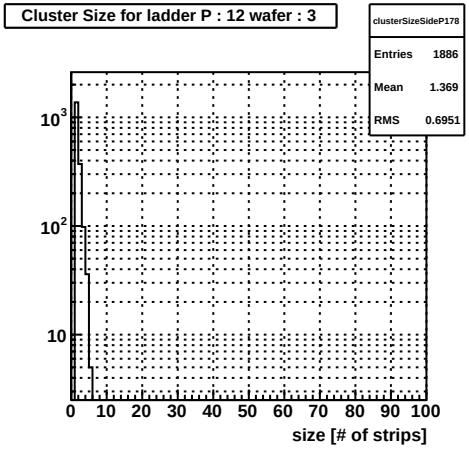

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2334
Mean 1.219
RMS 0.5579
size [# of strips]

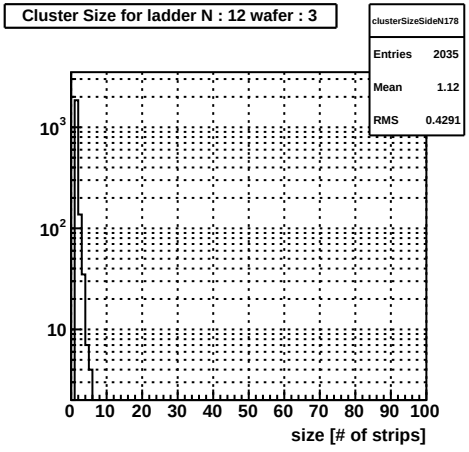

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 717
Mean 1.547
RMS 0.8835
size [# of strips]

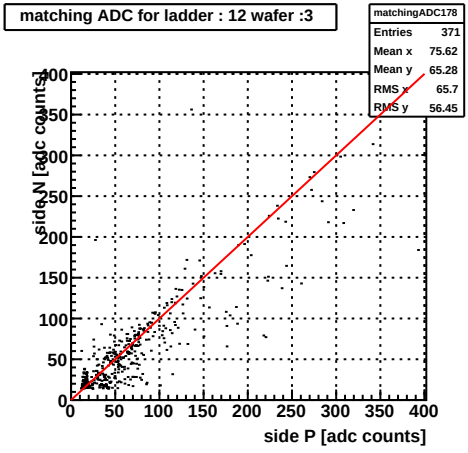

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 331
Mean x 78.54
Mean y 70.88
RMS x 59.43
RMS y 60.17
side N [adc counts]
side P [adc counts]

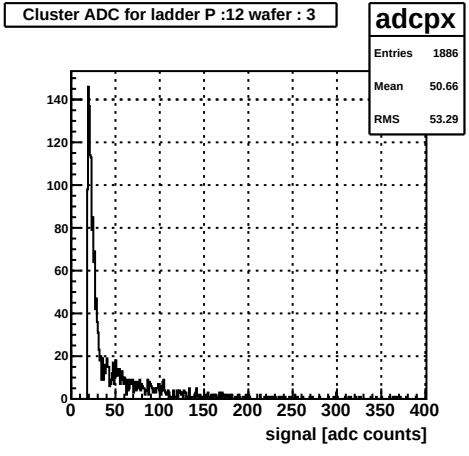

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2334
Mean 42.53
RMS 44.63
signal [adc counts]

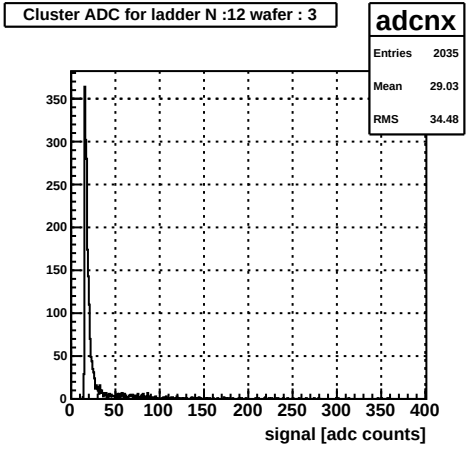

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 717
Mean 53.57
RMS 54.4
signal [adc counts]

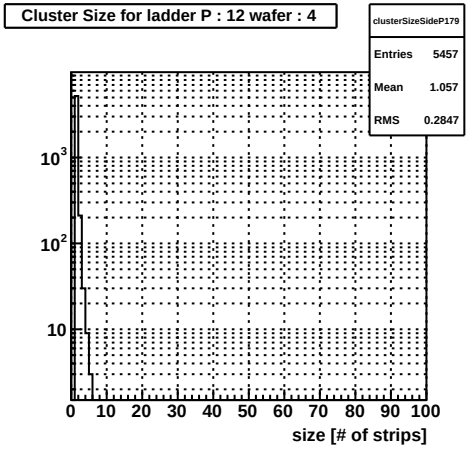

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1886
Mean 1.369
RMS 0.6951
size [# of strips]

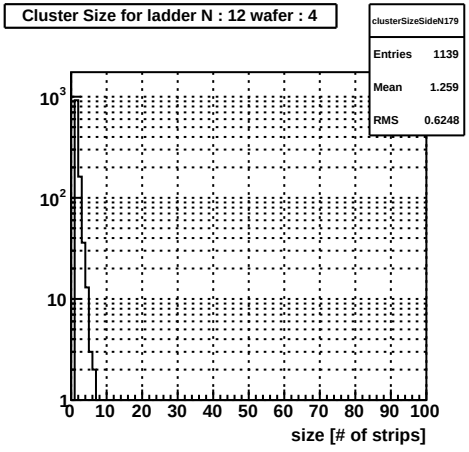

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2035
Mean 1.12
RMS 0.4291
size [# of strips]

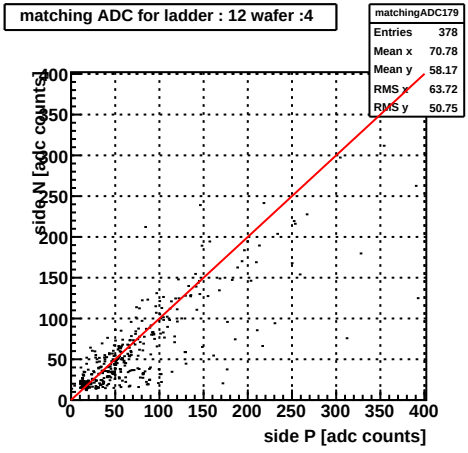

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 371
Mean x 75.62
Mean y 65.28
RMS x 65.7
RMS y 56.45
side N [adc counts]
side P [adc counts]

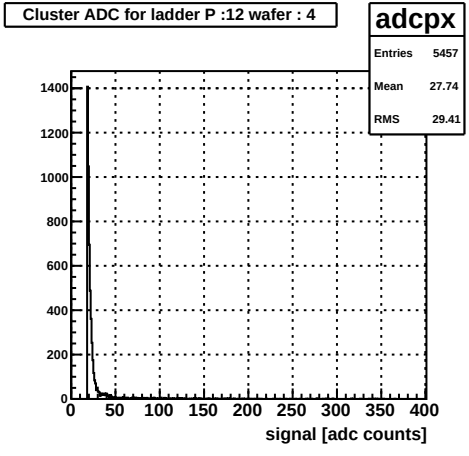

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1886
Mean 50.66
RMS 53.29
signal [adc counts]

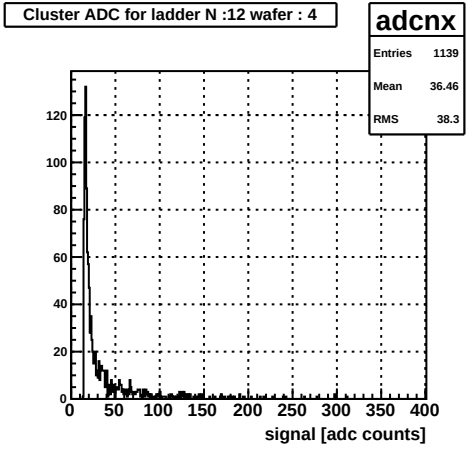

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2035
Mean 29.03
RMS 34.48
signal [adc counts]

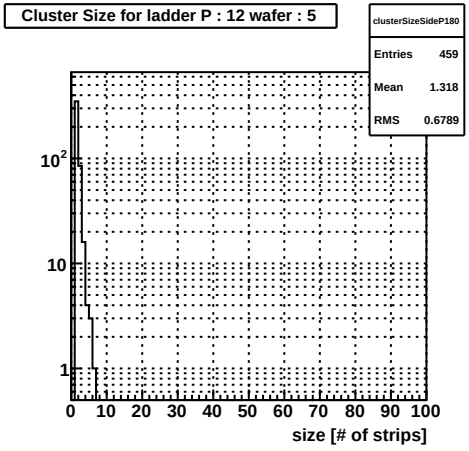

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5457
Mean 1.057
RMS 0.2847
size [# of strips]

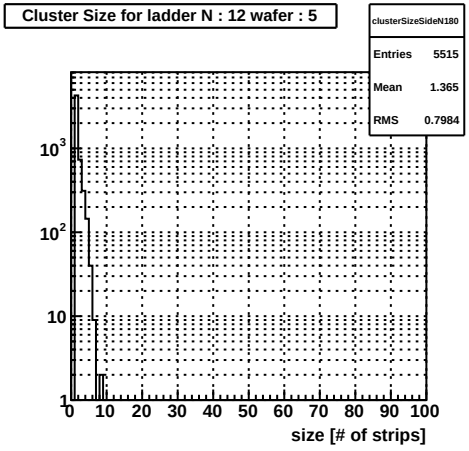

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1139
Mean 1.259
RMS 0.6248
size [# of strips]

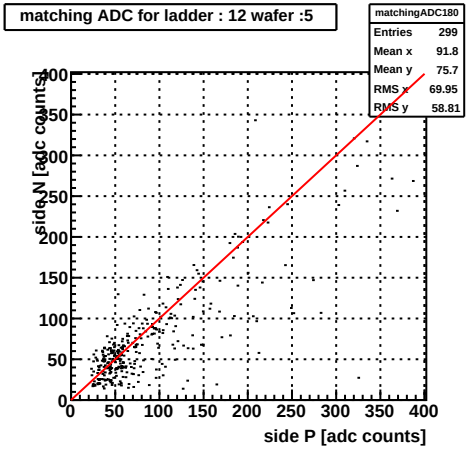

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 378
Mean x 70.78
Mean y 58.17
RMS x 63.72
RMS y 50.75
side N [adc counts]
side P [adc counts]

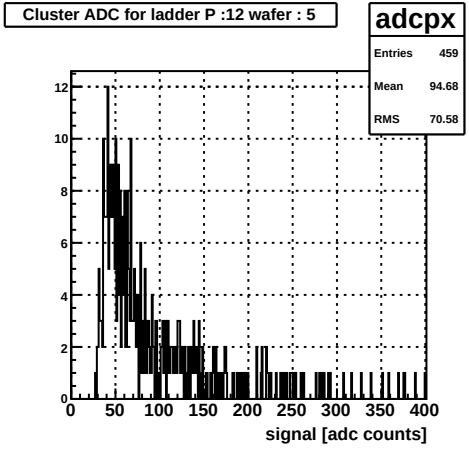

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5457
Mean 27.74
RMS 29.41
signal [adc counts]

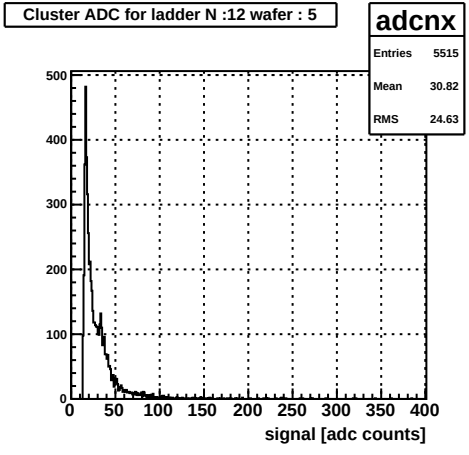

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1139
Mean 36.46
RMS 38.3
signal [adc counts]

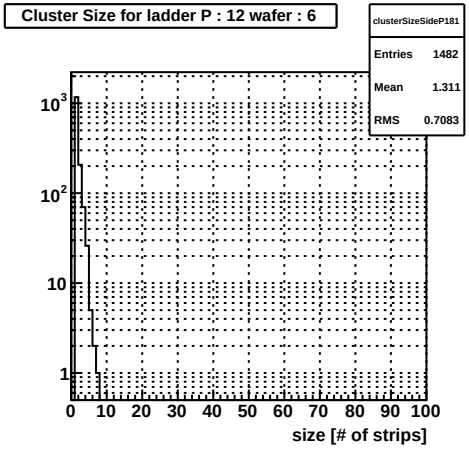

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 459
Mean 1.318
RMS 0.6789
size [# of strips]

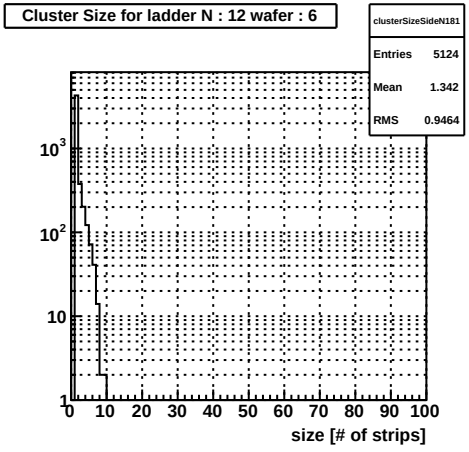

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5515
Mean 1.365
RMS 0.7984
size [# of strips]

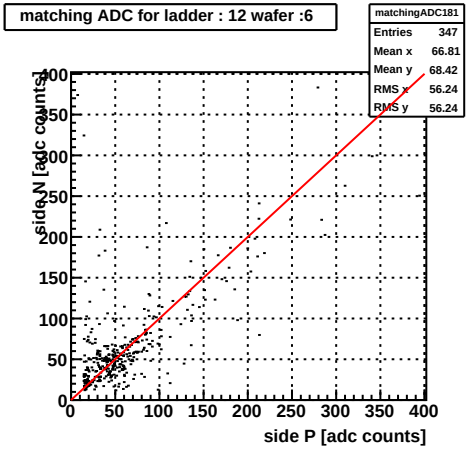

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 299
Mean x 91.8
Mean y 75.7
RMS x 69.95
RMS y 58.81
side N [adc counts]
side P [adc counts]

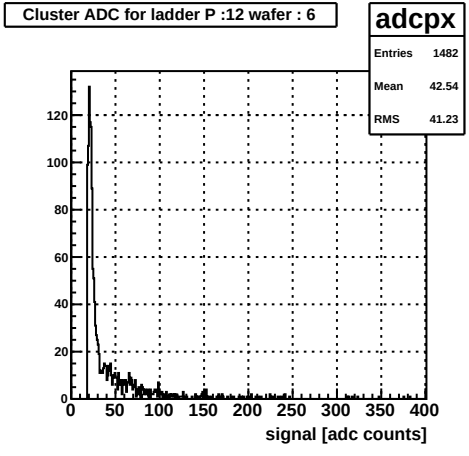

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 459
Mean 94.68
RMS 70.58
signal [adc counts]

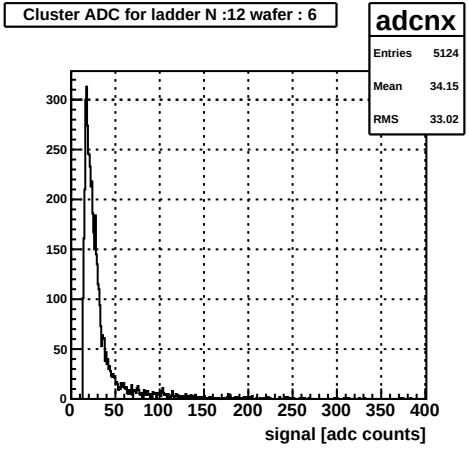

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5515
Mean 30.82
RMS 24.63
signal [adc counts]

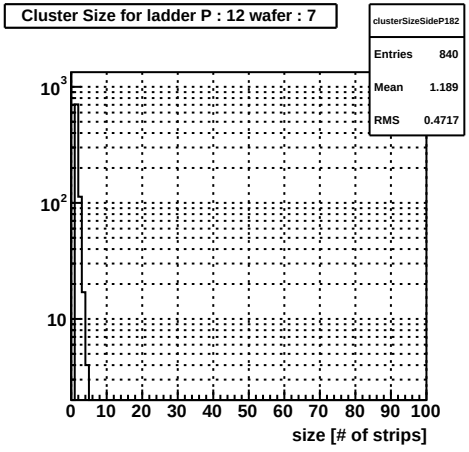

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1482
Mean 1.311
RMS 0.7083
size [# of strips]

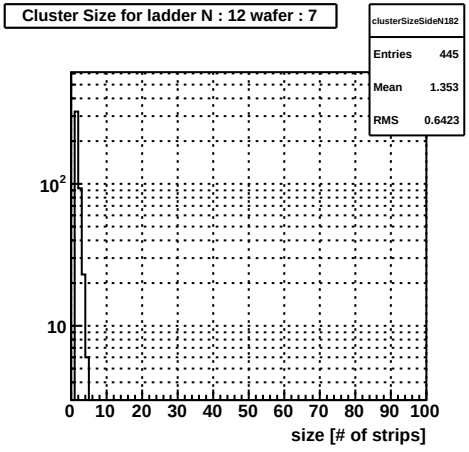

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5124
Mean 1.342
RMS 0.9464
size [# of strips]

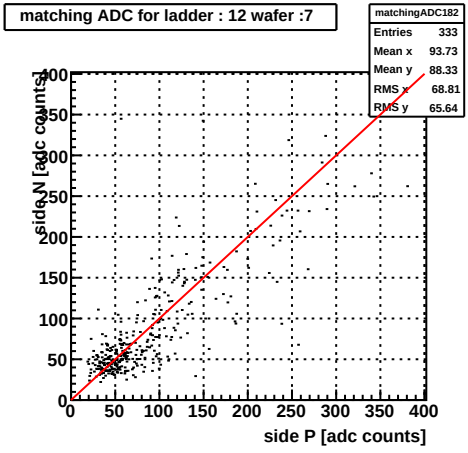

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 347
Mean x 66.81
Mean y 68.42
RMS x 56.24
RMS y 56.24
side N [adc counts]
side P [adc counts]

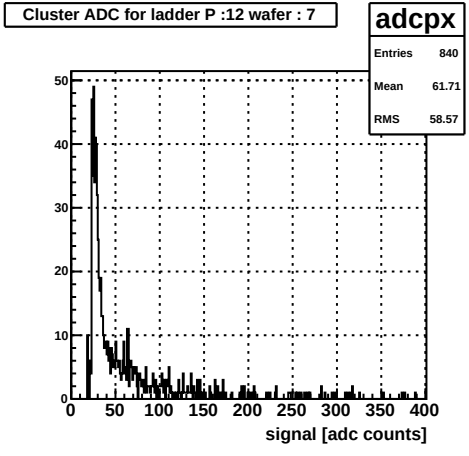

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1482
Mean 42.54
RMS 41.23
signal [adc counts]

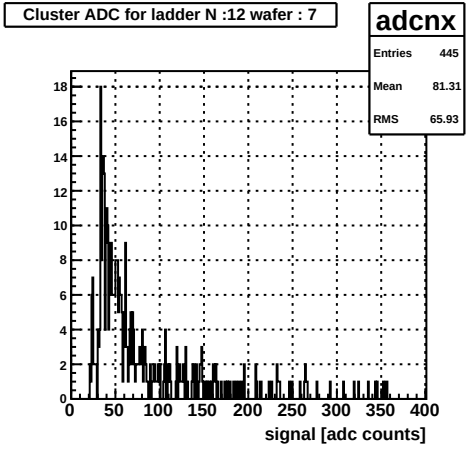

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5124
Mean 34.15
RMS 33.02
signal [adc counts]

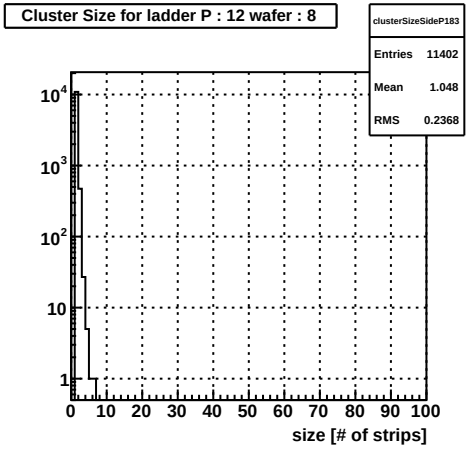

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 840
Mean 1.189
RMS 0.4717
size [# of strips]

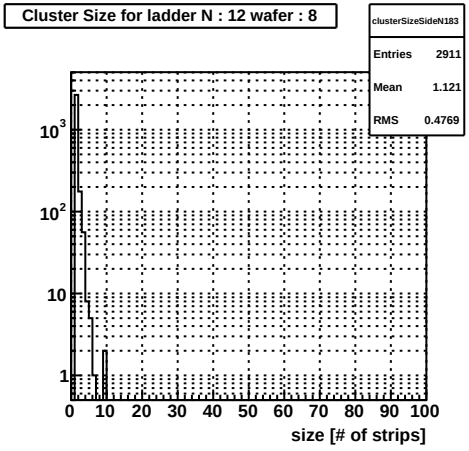

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 445
Mean 1.353
RMS 0.6423
size [# of strips]

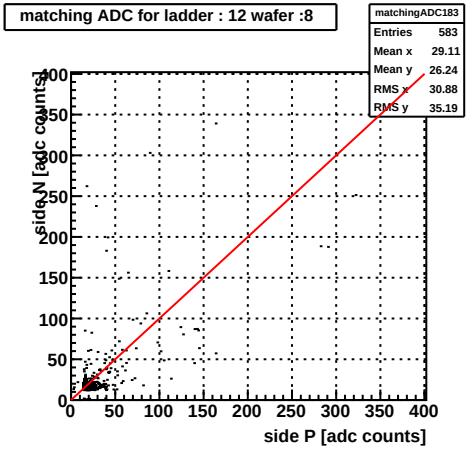

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 333
Mean x 93.73
Mean y 88.33
RMS x 68.81
RMS y 65.64
side N [adc counts]
side P [adc counts]

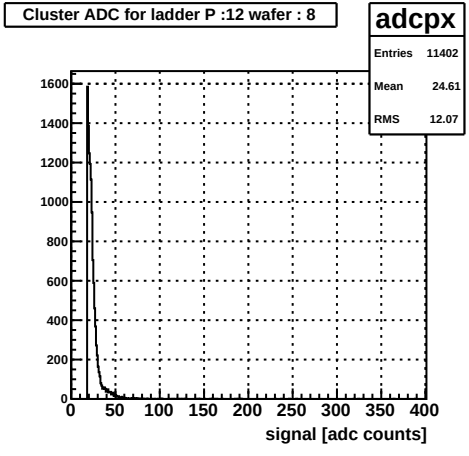

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 840
Mean 61.71
RMS 58.57
signal [adc counts]

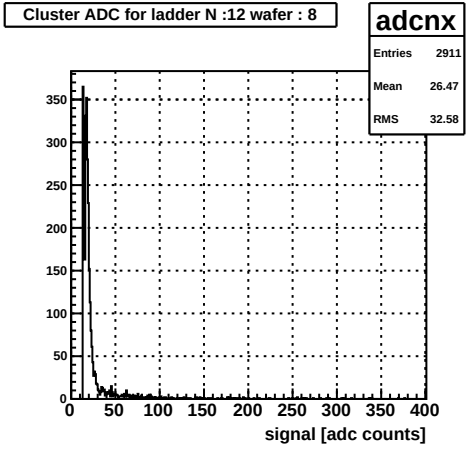

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 445
Mean 81.31
RMS 65.93
signal [adc counts]

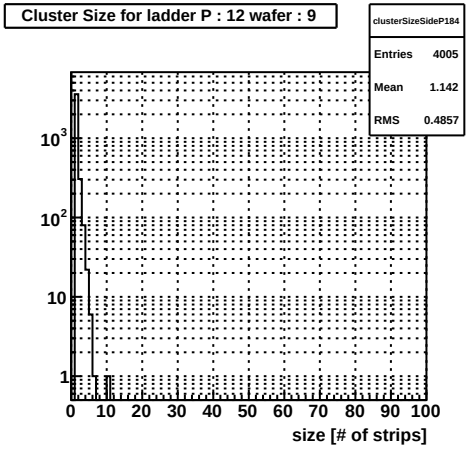

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11402
Mean 1.048
RMS 0.2368
size [# of strips]

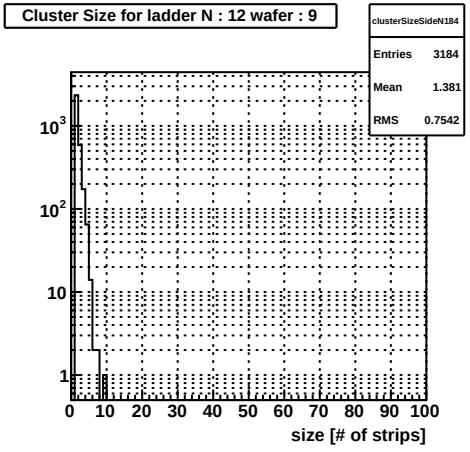

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2911
Mean 1.121
RMS 0.4769
size [# of strips]

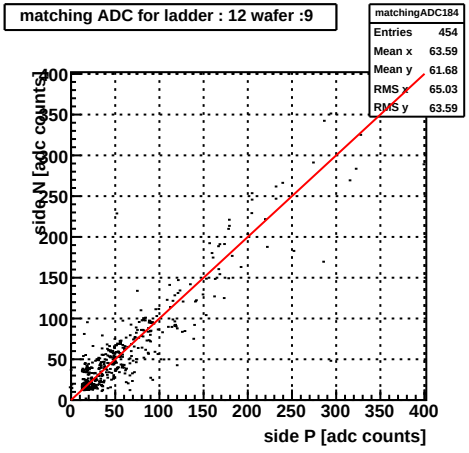

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 583
Mean x 29.11
Mean y 26.24
RMS x 30.88
RMS y 35.19
side N [adc counts]
side P [adc counts]

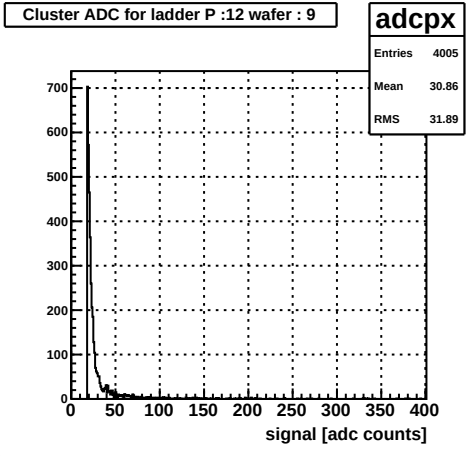

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11402
Mean 24.61
RMS 12.07
signal [adc counts]

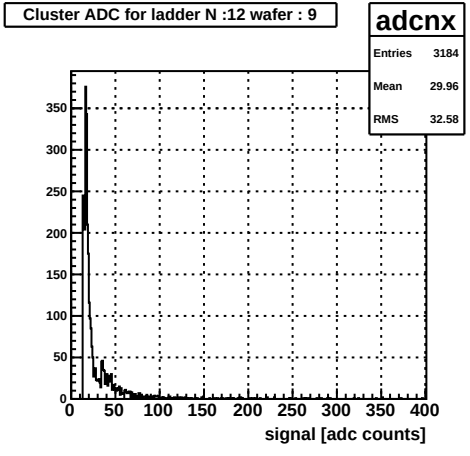

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2911
Mean 26.47
RMS 32.58
signal [adc counts]

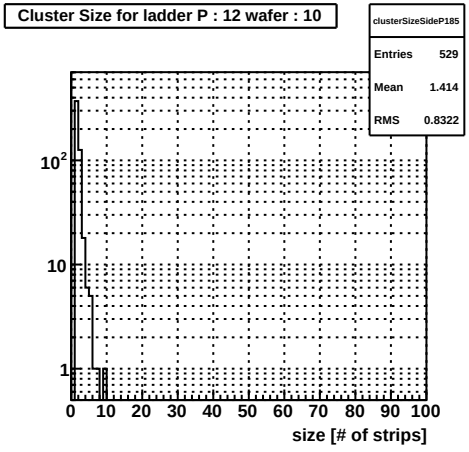

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4005
Mean 1.142
RMS 0.4857
size [# of strips]

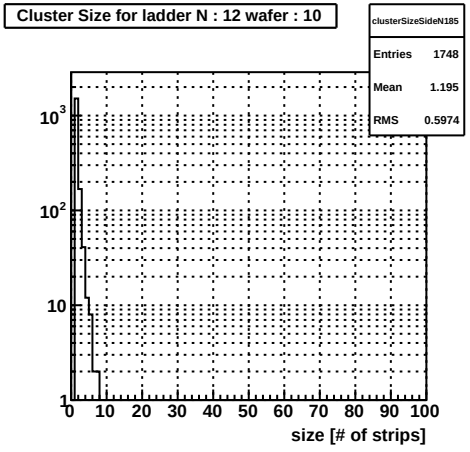

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3184
Mean 1.381
RMS 0.7542
size [# of strips]

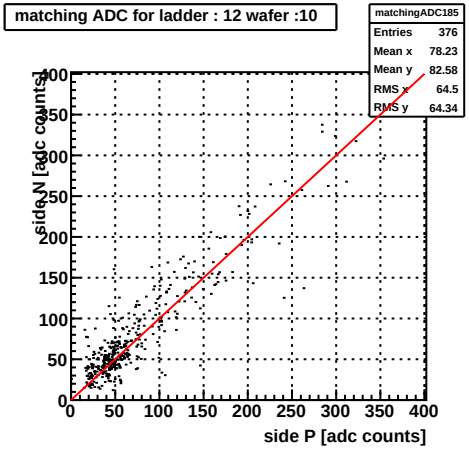

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 454
Mean x 63.59
Mean y 61.68
RMS x 65.03
RMS y 63.59
side N [adc counts]
side P [adc counts]

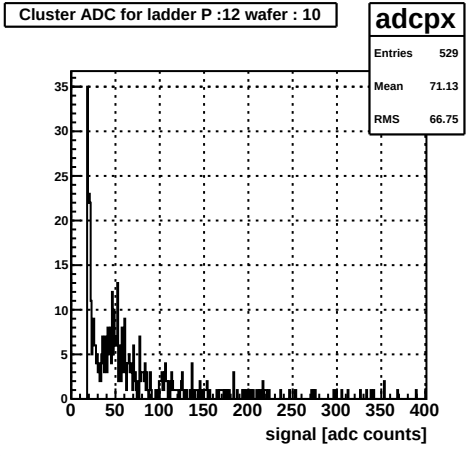

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4005
Mean 30.86
RMS 31.89
signal [adc counts]

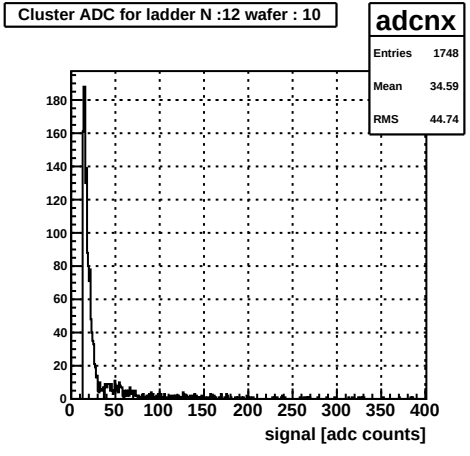

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3184
Mean 29.96
RMS 32.58
signal [adc counts]

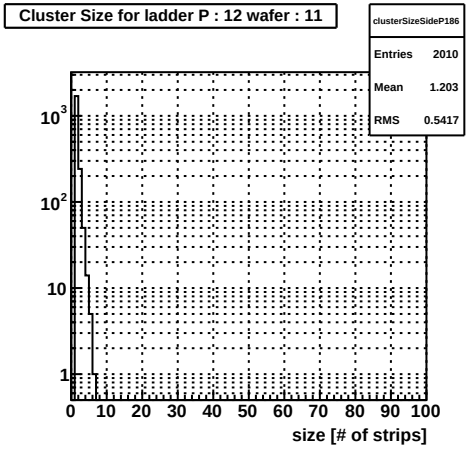

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 529
Mean 1.414
RMS 0.8322
size [# of strips]

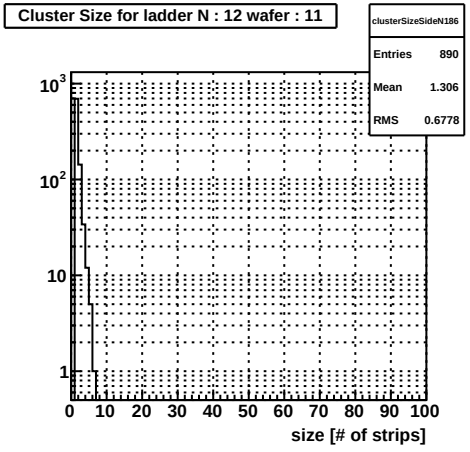

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1748
Mean 1.195
RMS 0.5974
size [# of strips]

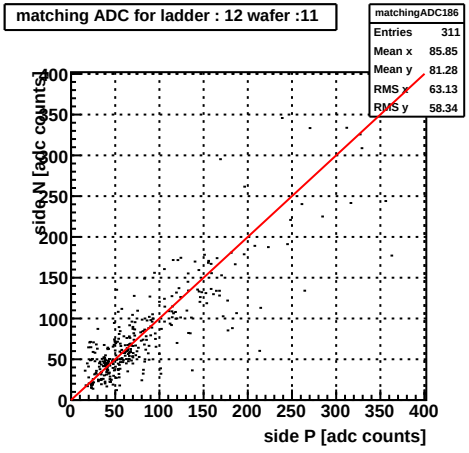

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 376
Mean x 78.23
Mean y 82.58
RMS x 64.5
RMS y 64.34
side N [adc counts]
side P [adc counts]

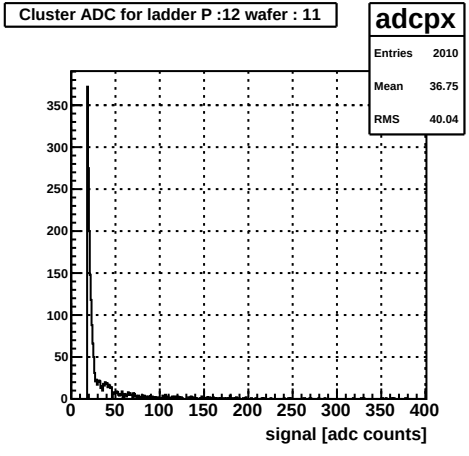

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 529
Mean 71.13
RMS 66.75
signal [adc counts]

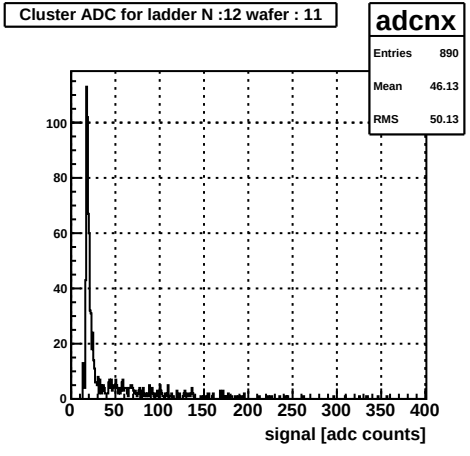

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1748
Mean 34.59
RMS 44.74
signal [adc counts]

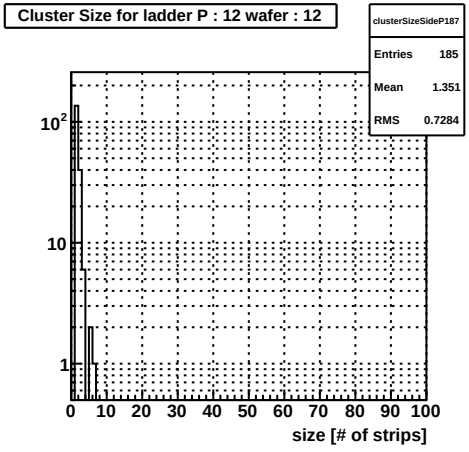

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2010
Mean 1.203
RMS 0.5417
size [# of strips]

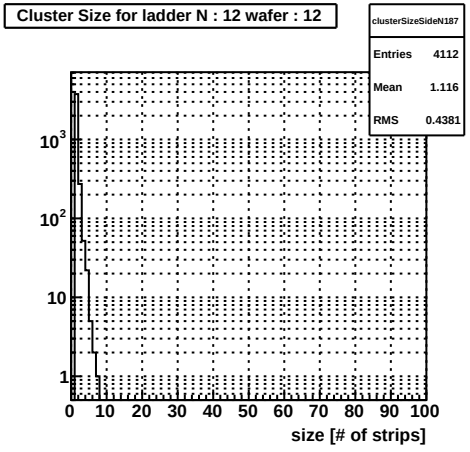

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 890
Mean 1.306
RMS 0.6778
size [# of strips]

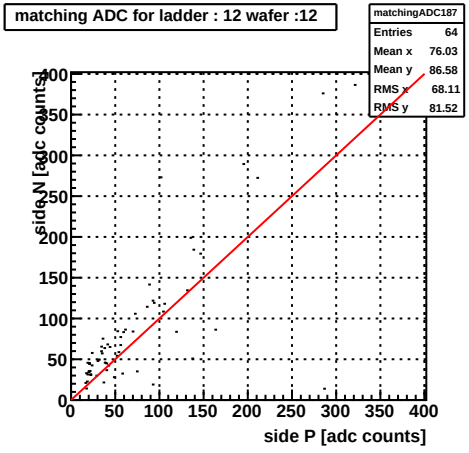

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 311
Mean x 85.85
Mean y 81.28
RMS x 63.13
RMS y 58.34
side N [adc counts]
side P [adc counts]

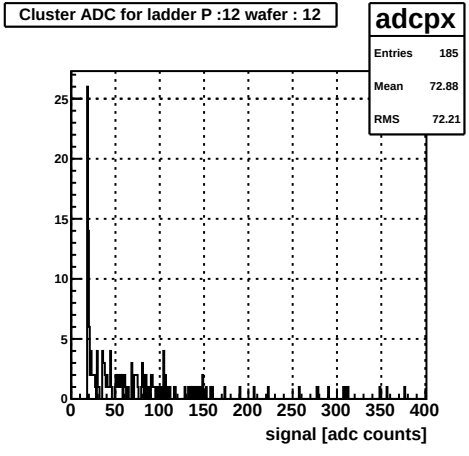

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2010
Mean 36.75
RMS 40.04
signal [adc counts]

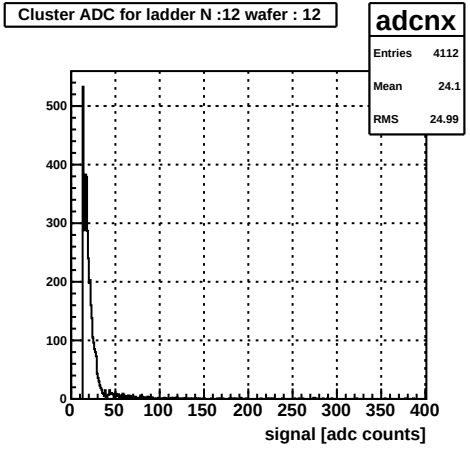

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 890
Mean 46.13
RMS 50.13
signal [adc counts]

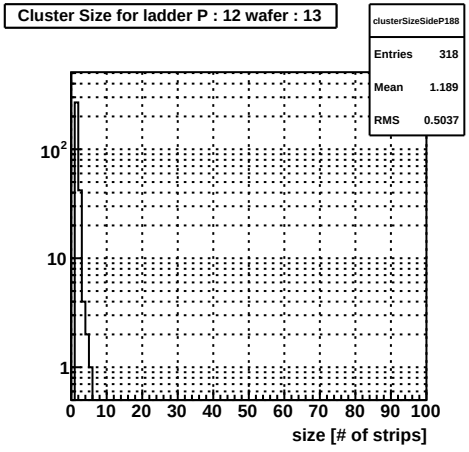

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 185
Mean 1.351
RMS 0.7284
size [# of strips]

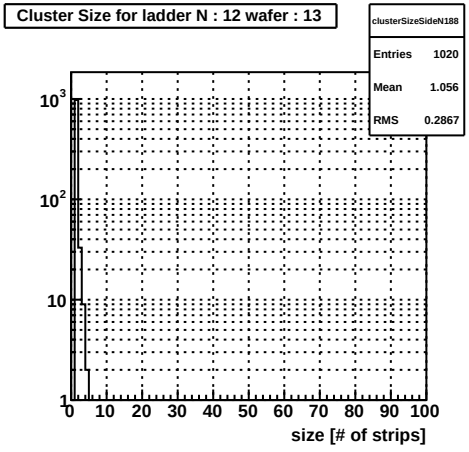

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4112
Mean 1.116
RMS 0.4381
size [# of strips]

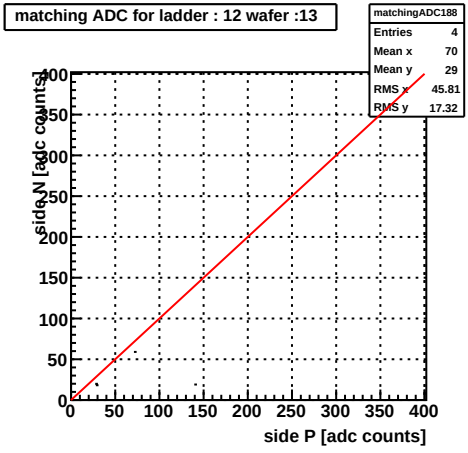

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 64
Mean x 76.03
Mean y 86.58
RMS x 68.11
RMS y 81.52
side N [adc counts]
side P [adc counts]

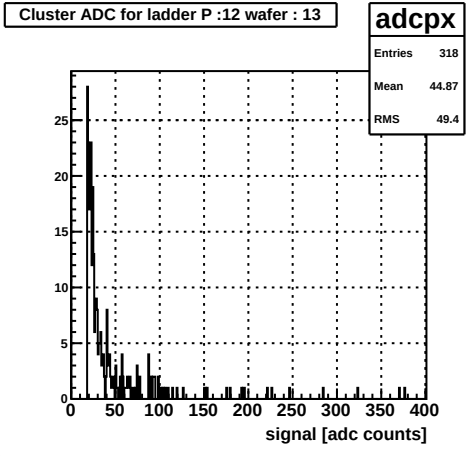

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 185
Mean 72.88
RMS 72.21
signal [adc counts]

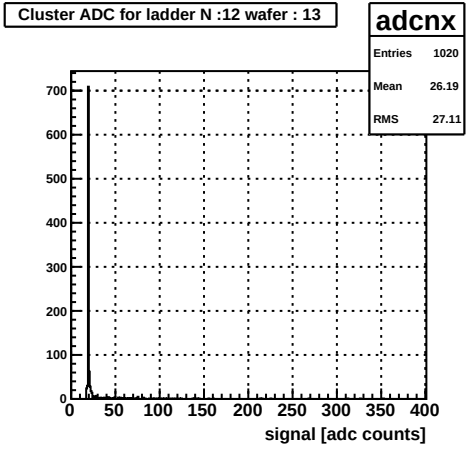

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4112
Mean 24.1
RMS 24.99
signal [adc counts]

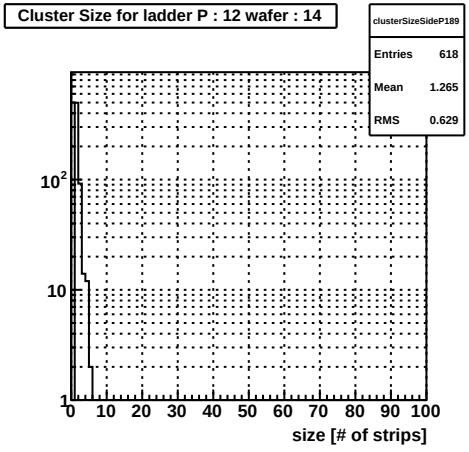

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 318
Mean 1.189
RMS 0.5037
size [# of strips]

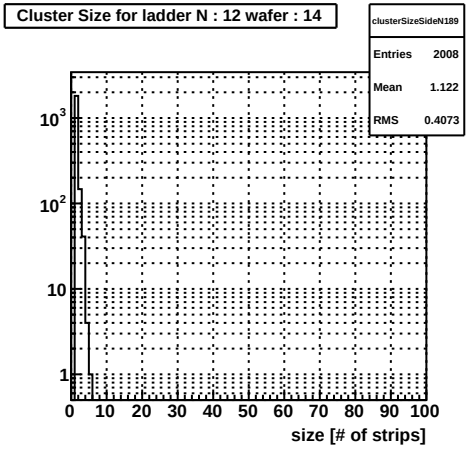

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1020
Mean 1.056
RMS 0.2867
size [# of strips]

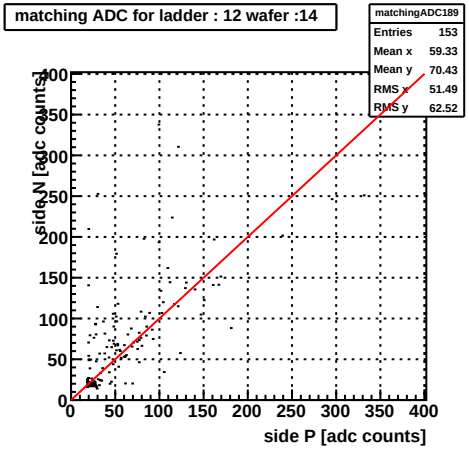

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 4
Mean x 70
Mean y 29
RMS x 45.81
RMS y 17.32
side N [adc counts]
side P [adc counts]

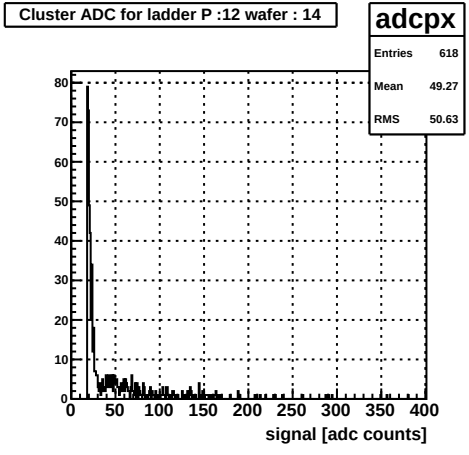

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 318
Mean 44.87
RMS 49.4
signal [adc counts]

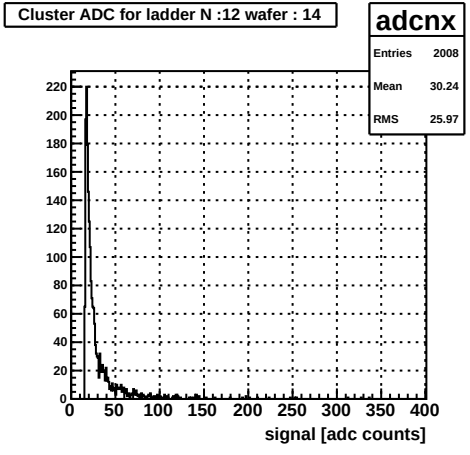

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1020
Mean 26.19
RMS 27.11
signal [adc counts]

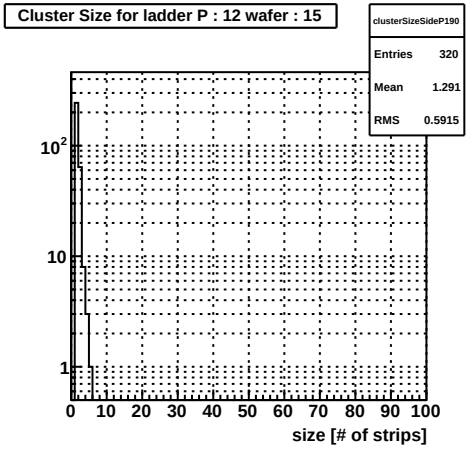

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 618
Mean 1.265
RMS 0.629
size [# of strips]

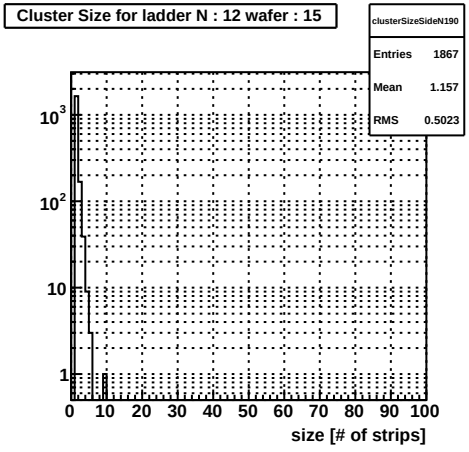

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2008
Mean 1.122
RMS 0.4073
size [# of strips]

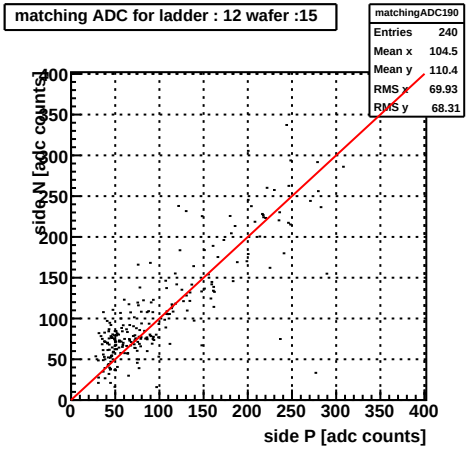

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 153
Mean x 59.33
Mean y 70.43
RMS x 51.49
RMS y 62.52
side N [adc counts]
side P [adc counts]

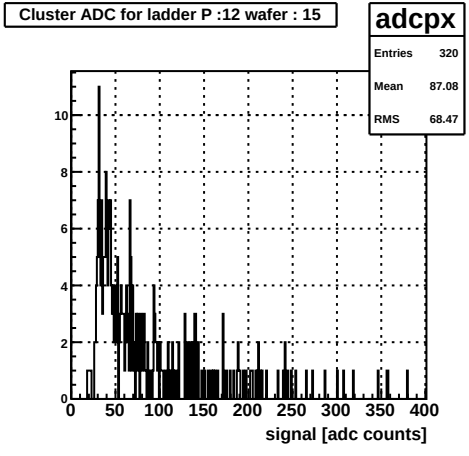

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 618
Mean 49.27
RMS 50.63
signal [adc counts]

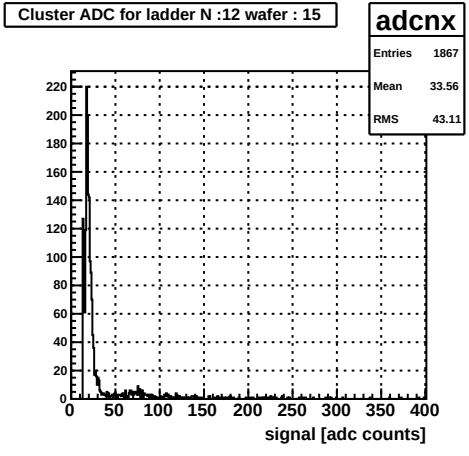

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2008
Mean 30.24
RMS 25.97
signal [adc counts]

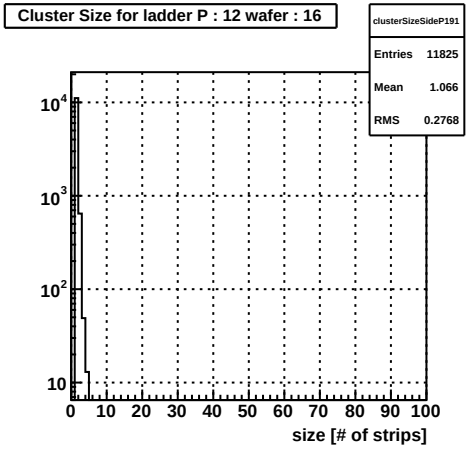

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 320
Mean 1.291
RMS 0.5915
size [# of strips]

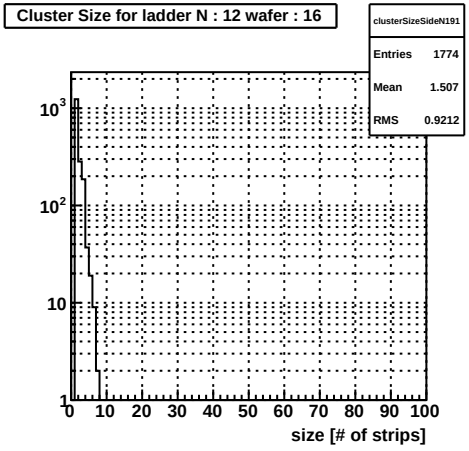

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1867
Mean 1.157
RMS 0.5023
size [# of strips]

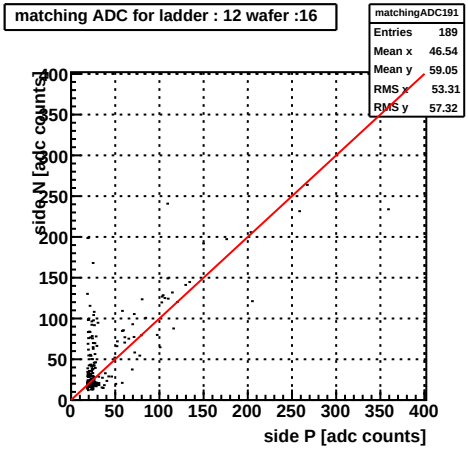

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 240
Mean x 104.5
Mean y 110.4
RMS x 69.93
RMS y 68.31
side N [adc counts]
side P [adc counts]

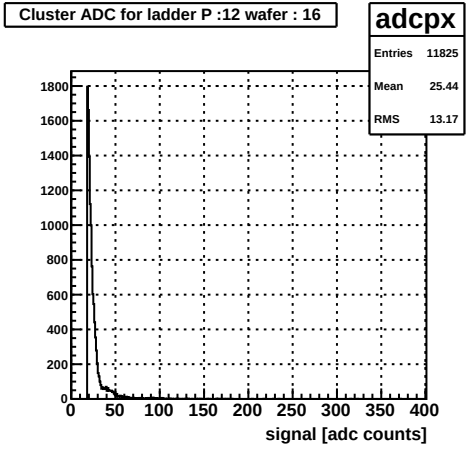

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 320
Mean 87.08
RMS 68.47
signal [adc counts]

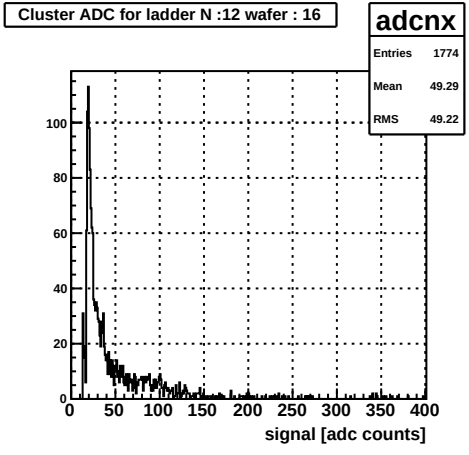

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1867
Mean 33.56
RMS 43.11
signal [adc counts]

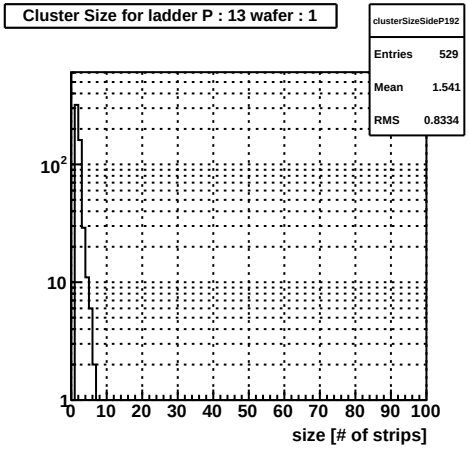

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11825
Mean 1.066
RMS 0.2768
size [# of strips]

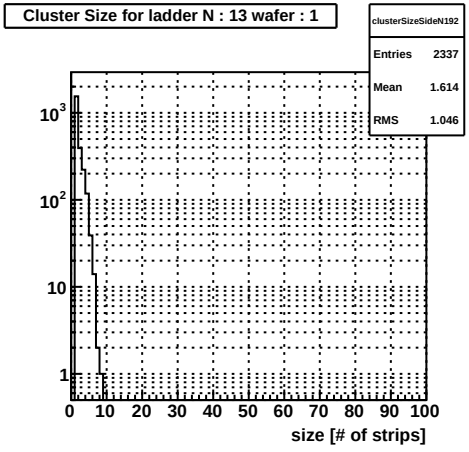

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1774
Mean 1.507
RMS 0.9212
size [# of strips]

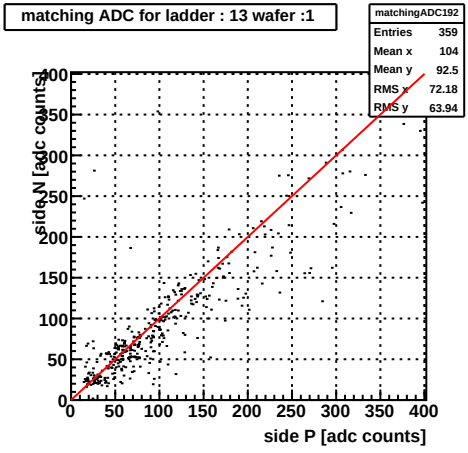

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 189
Mean x 46.54
Mean y 59.05
RMS x 53.31
RMS y 57.32
side N [adc counts]
side P [adc counts]

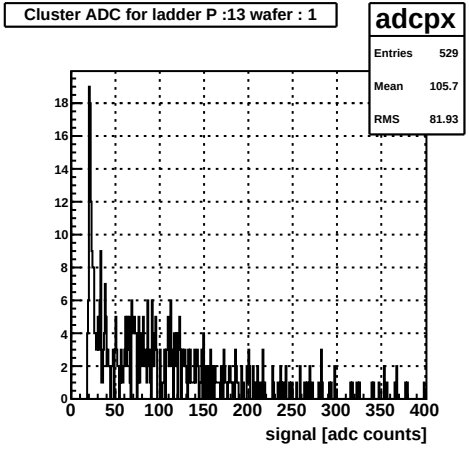

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11825
Mean 25.44
RMS 13.17
signal [adc counts]

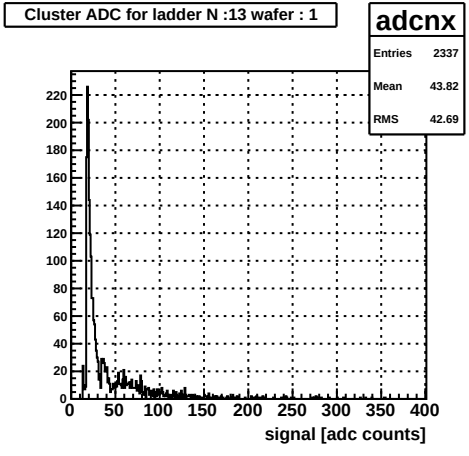

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1774
Mean 49.29
RMS 49.22
signal [adc counts]

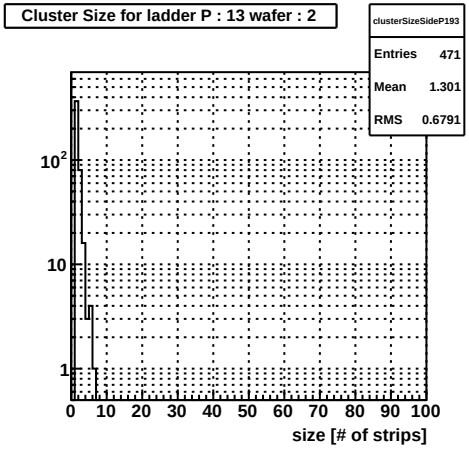

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 529
Mean 1.541
RMS 0.8334
size [# of strips]

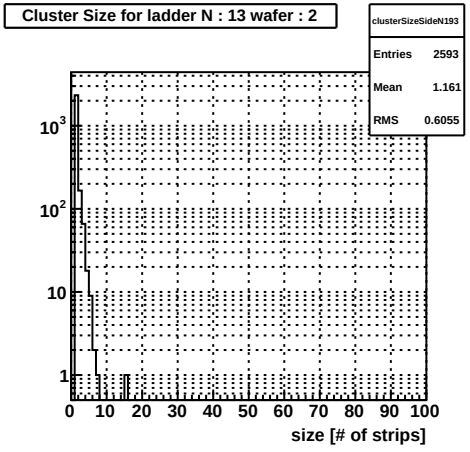

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2337
Mean 1.614
RMS 1.046
size [# of strips]

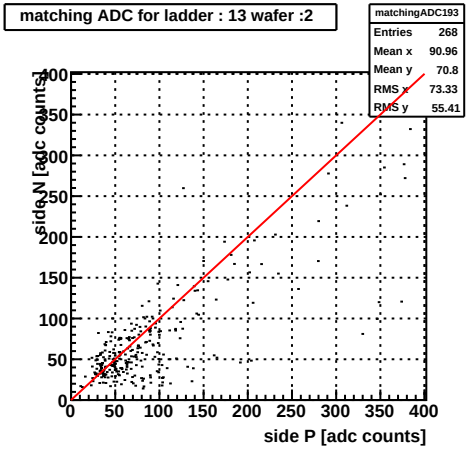

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 359
Mean x 104
Mean y 92.5
RMS x 72.18
RMS y 63.94
side N [adc counts]
side P [adc counts]

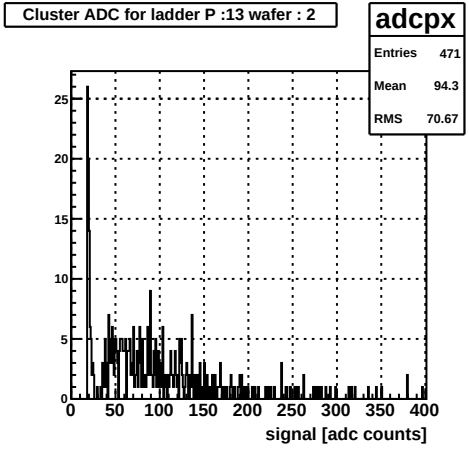

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 529
Mean 105.7
RMS 81.93
signal [adc counts]

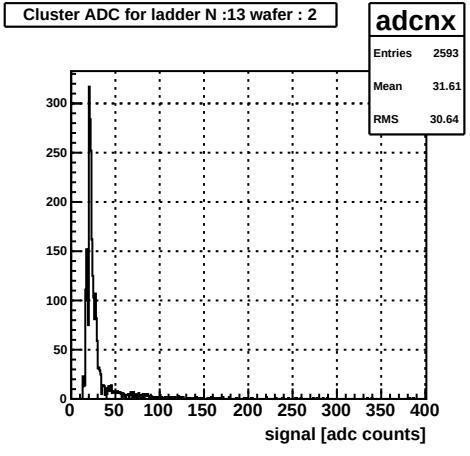

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2337
Mean 43.82
RMS 42.69
signal [adc counts]

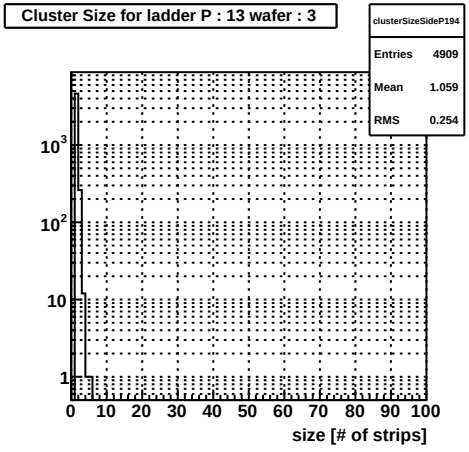

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 471
Mean 1.301
RMS 0.6791
size [# of strips]

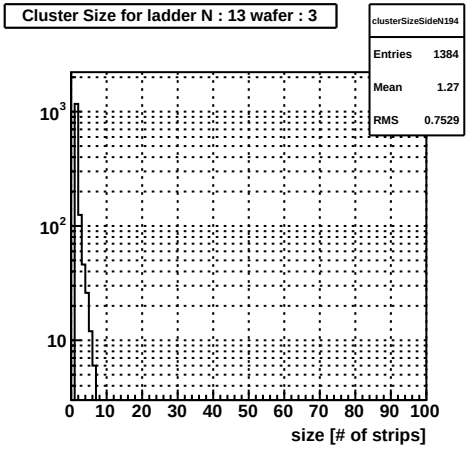

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2593
Mean 1.161
RMS 0.6055
size [# of strips]

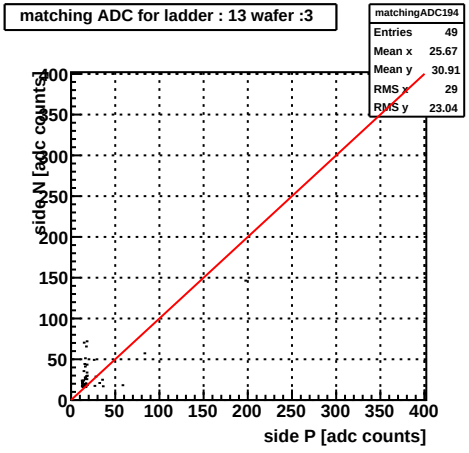

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 268
Mean x 90.96
Mean y 70.8
RMS x 73.33
RMS y 55.41
side N [adc counts]
side P [adc counts]

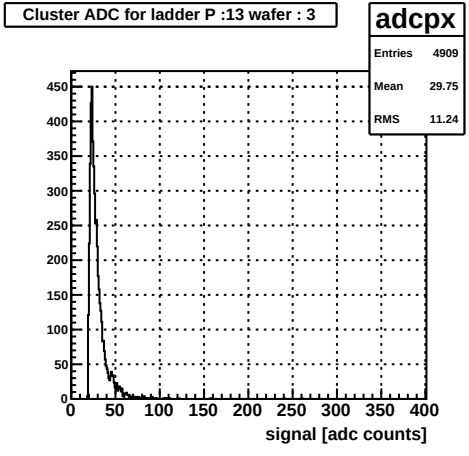

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 471
Mean 94.3
RMS 70.67
signal [adc counts]

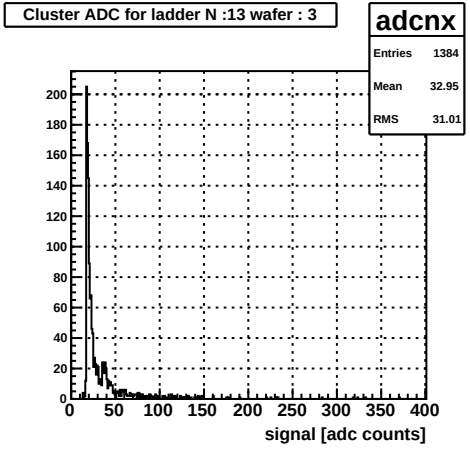

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2593
Mean 31.61
RMS 30.64
signal [adc counts]

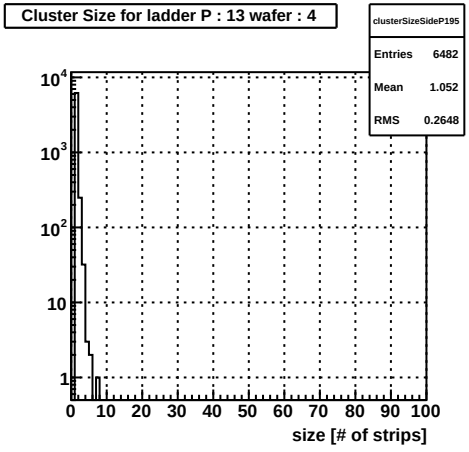

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4909
Mean 1.059
RMS 0.254
size [# of strips]

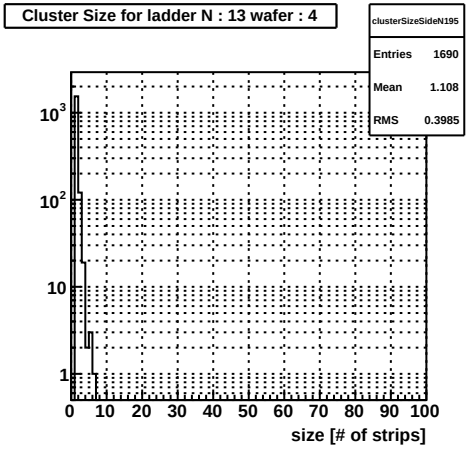

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1384
Mean 1.27
RMS 0.7529
size [# of strips]

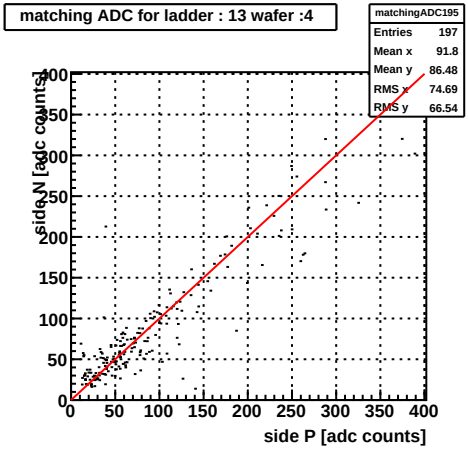

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 49
Mean x 25.67
Mean y 30.91
RMS x 29
RMS y 23.04
side N [adc counts]
side P [adc counts]

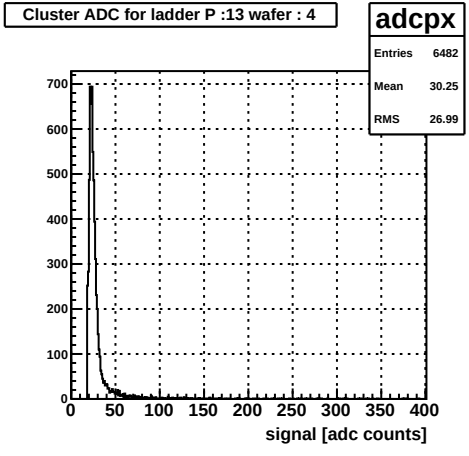

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4909
Mean 29.75
RMS 11.24
signal [adc counts]

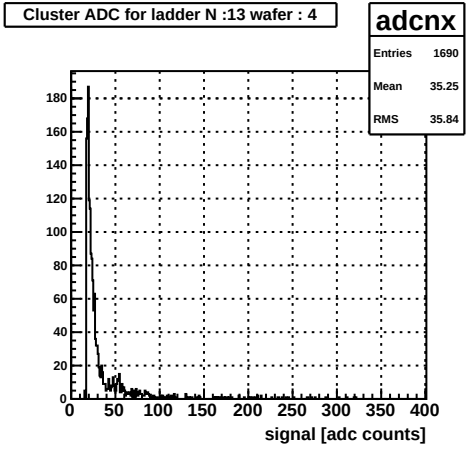

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1384
Mean 32.95
RMS 31.01
signal [adc counts]

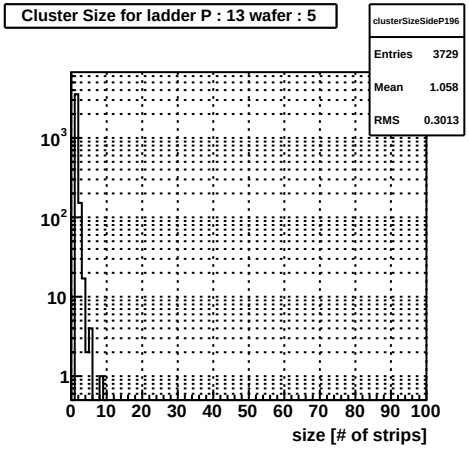

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 6482
Mean 1.052
RMS 0.2648
size [# of strips]

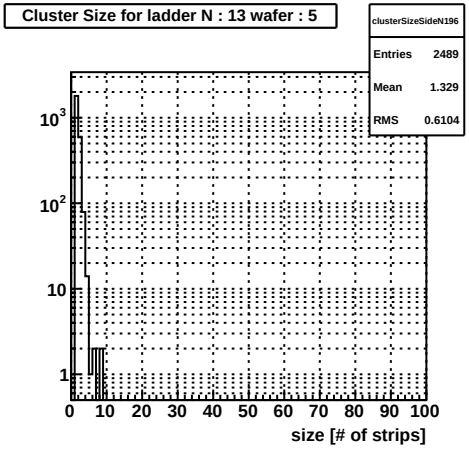

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1690
Mean 1.108
RMS 0.3985
size [# of strips]

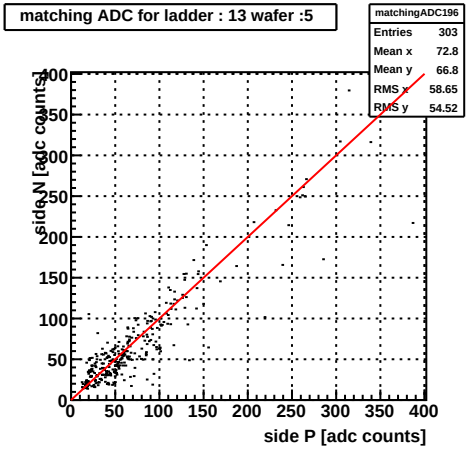

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 197
Mean x 91.8
Mean y 86.48
RMS x 74.69
RMS y 66.54
side N [adc counts]
side P [adc counts]

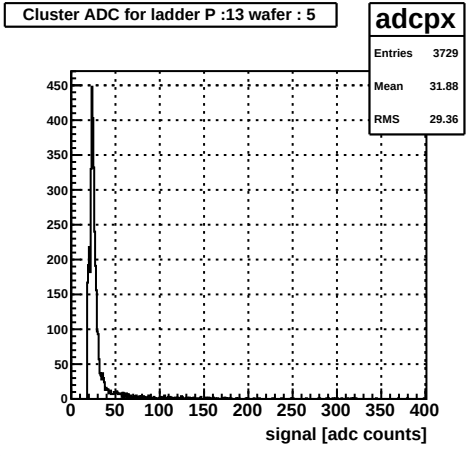

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 6482
Mean 30.25
RMS 26.99
signal [adc counts]

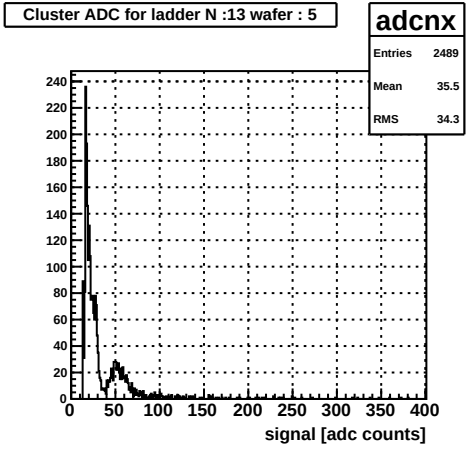

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1690
Mean 35.25
RMS 35.84
signal [adc counts]

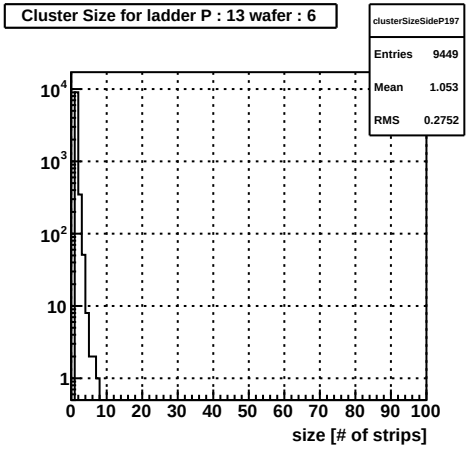

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3729
Mean 1.058
RMS 0.3013
size [# of strips]

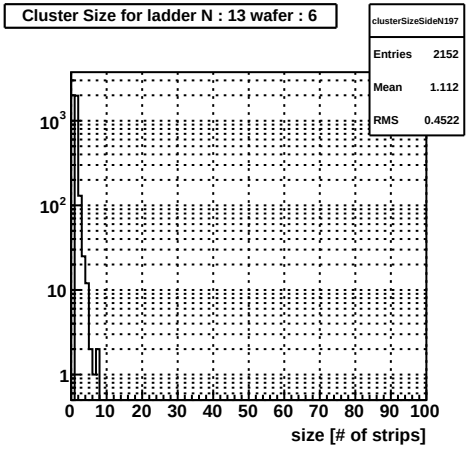

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2489
Mean 1.329
RMS 0.6104
size [# of strips]

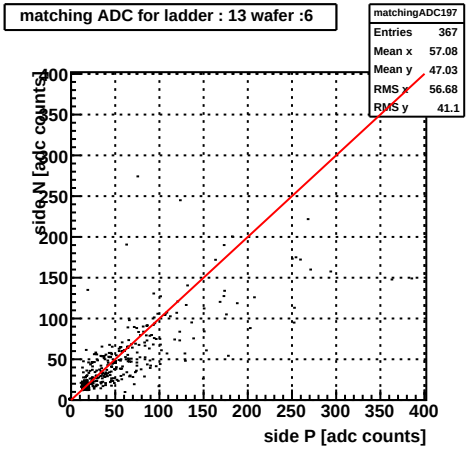

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 303
Mean x 72.8
Mean y 66.8
RMS x 58.65
RMS y 54.52
side N [adc counts]
side P [adc counts]

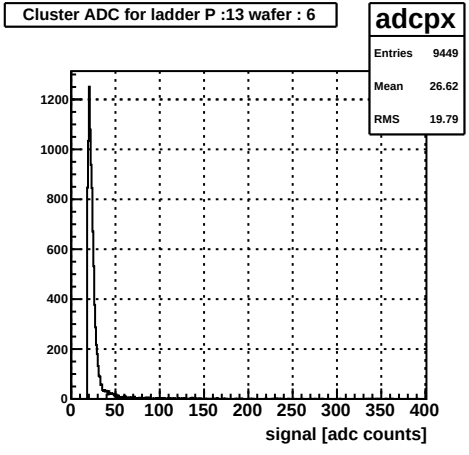

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3729
Mean 31.88
RMS 29.36
signal [adc counts]

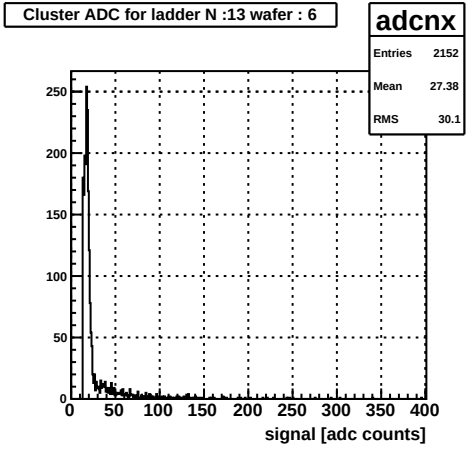

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2489
Mean 35.5
RMS 34.3
signal [adc counts]

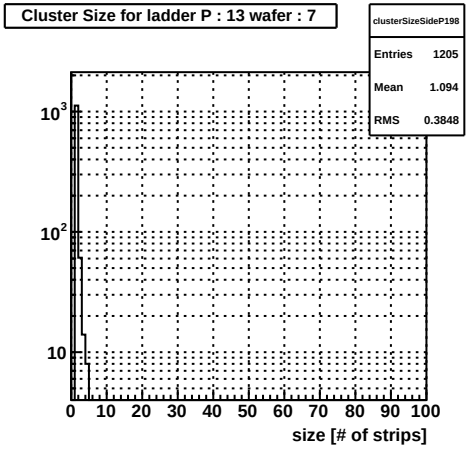

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9449
Mean 1.053
RMS 0.2752
size [# of strips]

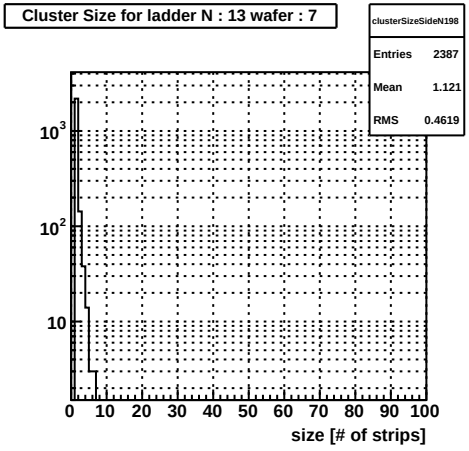

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2152
Mean 1.112
RMS 0.4522
size [# of strips]

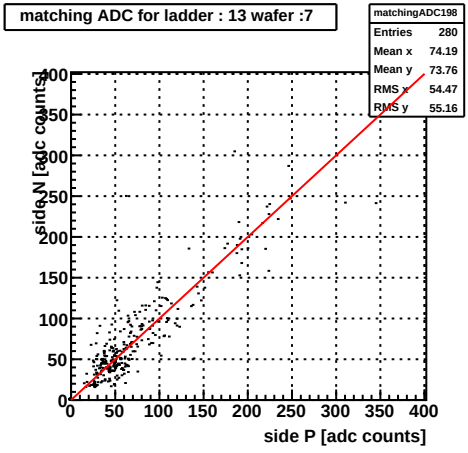

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 367
Mean x 57.08
Mean y 47.03
RMS x 56.68
RMS y 41.1
side N [adc counts]
side P [adc counts]

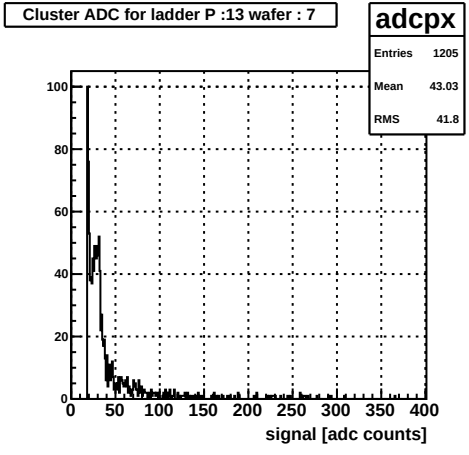

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9449
Mean 26.62
RMS 19.79
signal [adc counts]

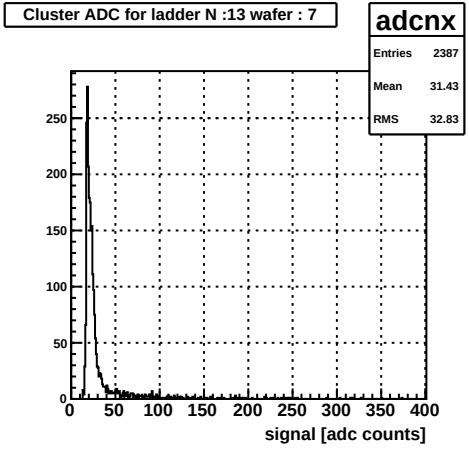

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2152
Mean 27.38
RMS 30.1
signal [adc counts]

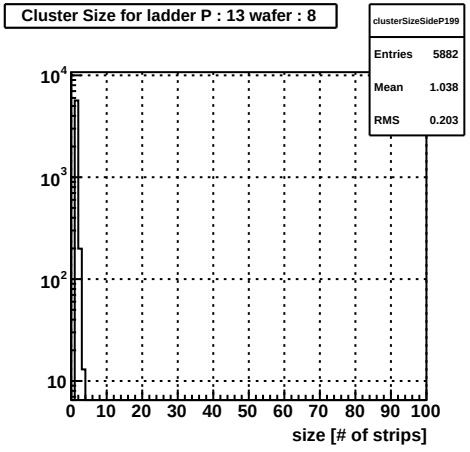

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1205
Mean 1.094
RMS 0.3848
size [# of strips]

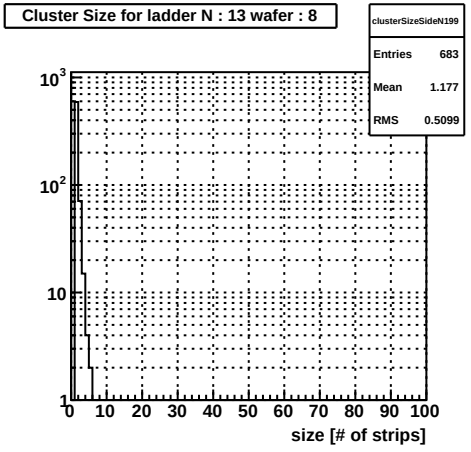

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2387
Mean 1.121
RMS 0.4619
size [# of strips]

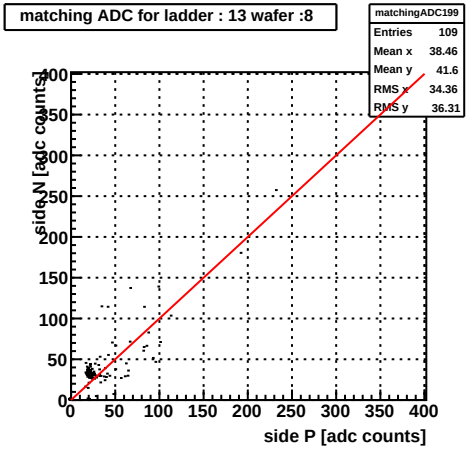

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 280
Mean x 74.19
Mean y 73.76
RMS x 54.47
RMS y 55.16
side N [adc counts]
side P [adc counts]

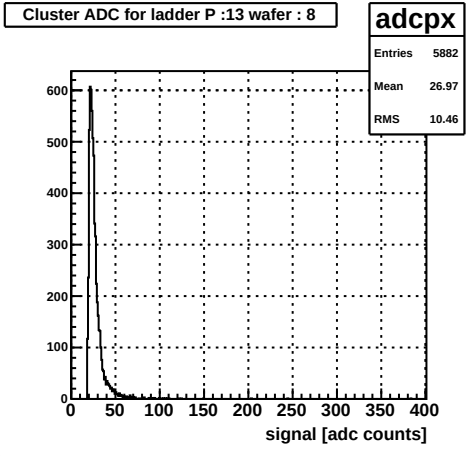

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1205
Mean 43.03
RMS 41.8
signal [adc counts]

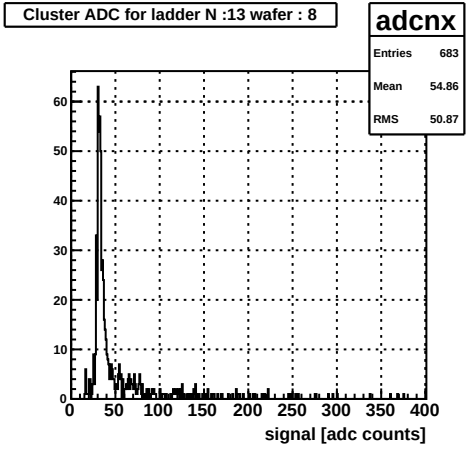

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2387
Mean 31.43
RMS 32.83
signal [adc counts]

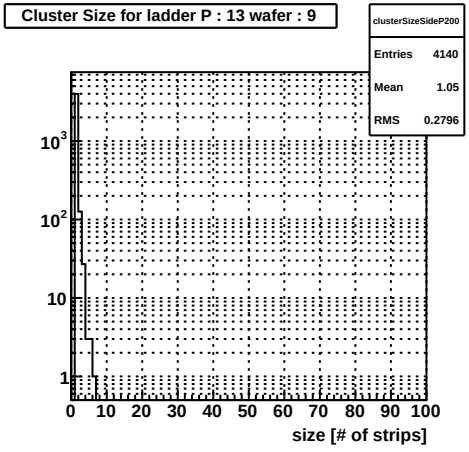

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5882
Mean 1.038
RMS 0.203
size [# of strips]

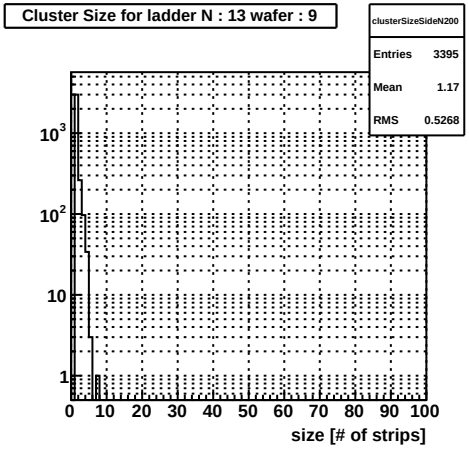

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 683
Mean 1.177
RMS 0.5099
size [# of strips]

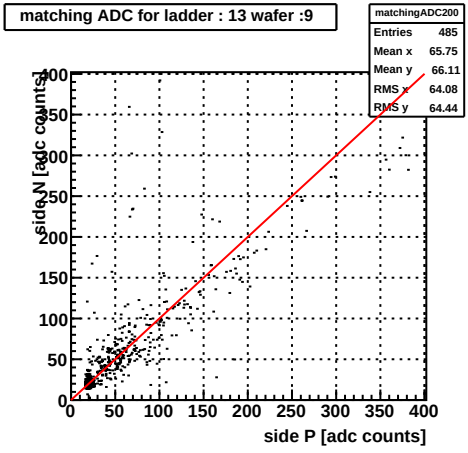

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 109
Mean x 38.46
Mean y 41.6
RMS x 34.36
RMS y 36.31
side N [adc counts]
side P [adc counts]

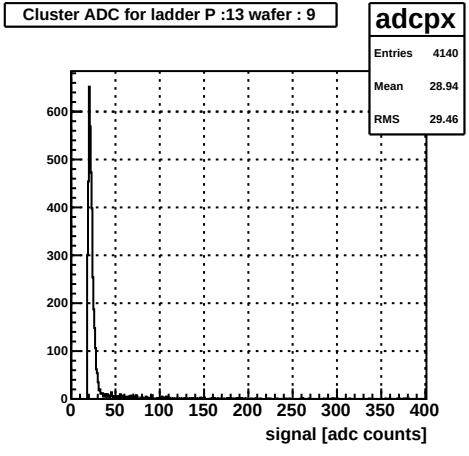

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5882
Mean 26.97
RMS 10.46
signal [adc counts]

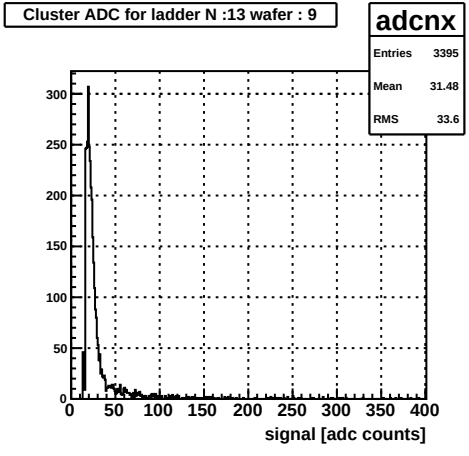

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 683
Mean 54.86
RMS 50.87
signal [adc counts]

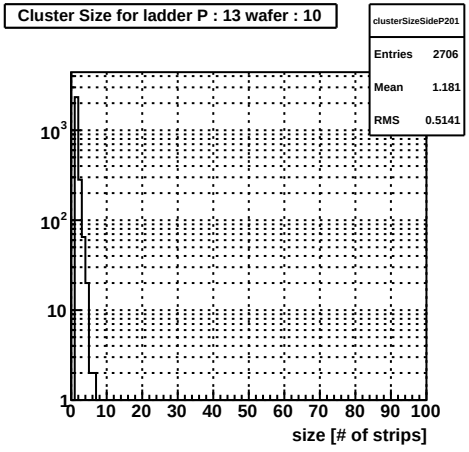

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4140
Mean 1.05
RMS 0.2796
size [# of strips]

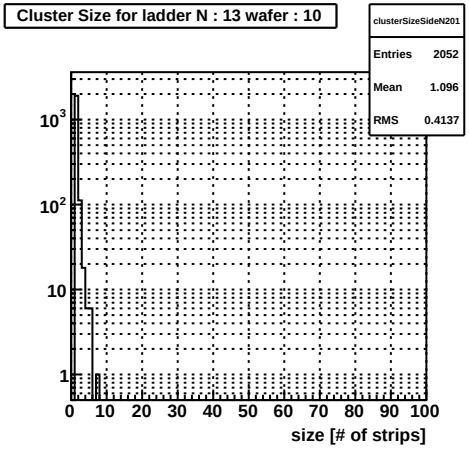

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3395
Mean 1.17
RMS 0.5268
size [# of strips]

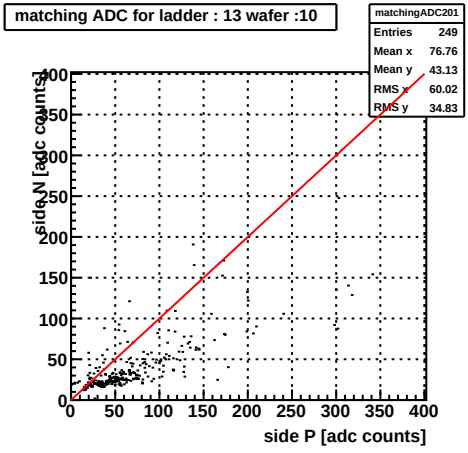

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 485
Mean x 65.75
Mean y 66.11
RMS x 64.08
RMS y 64.44
side N [adc counts]
side P [adc counts]

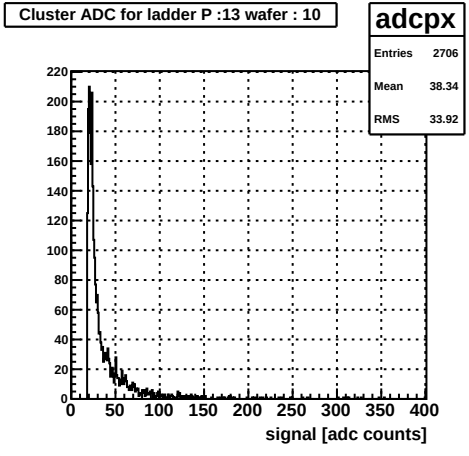

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4140
Mean 28.94
RMS 29.46
signal [adc counts]

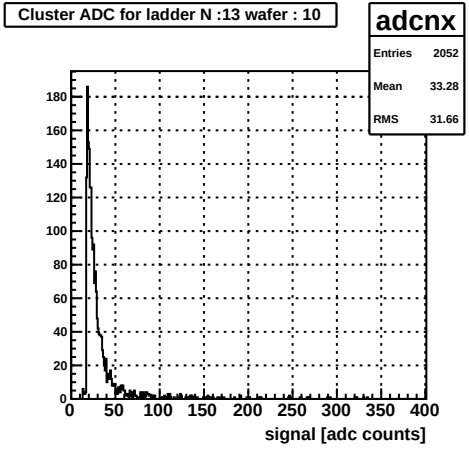

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3395
Mean 31.48
RMS 33.6
signal [adc counts]

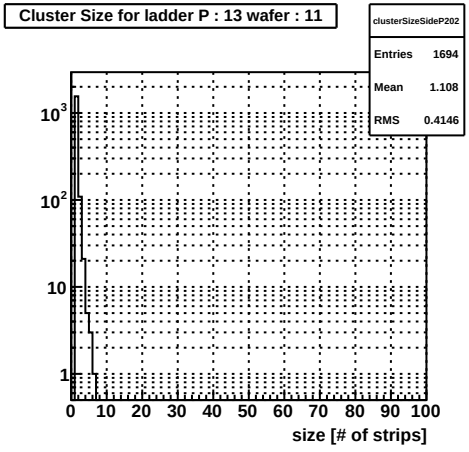

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2706
Mean 1.181
RMS 0.5141
size [# of strips]

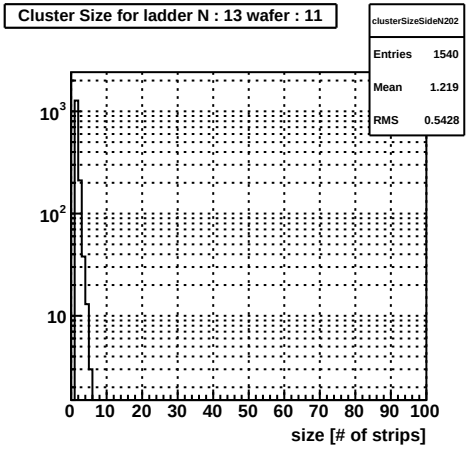

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2052
Mean 1.096
RMS 0.4137
size [# of strips]

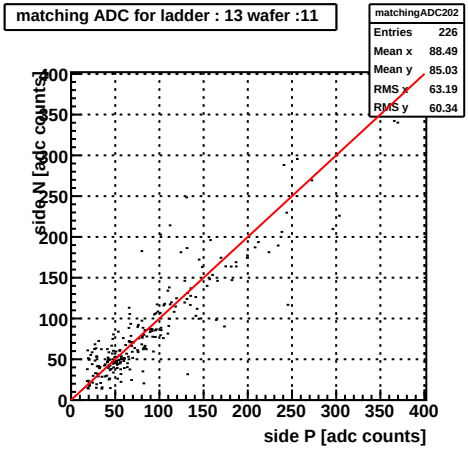

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 249
Mean x 76.76
Mean y 43.13
RMS x 60.02
RMS y 34.83
side N [adc counts]
side P [adc counts]

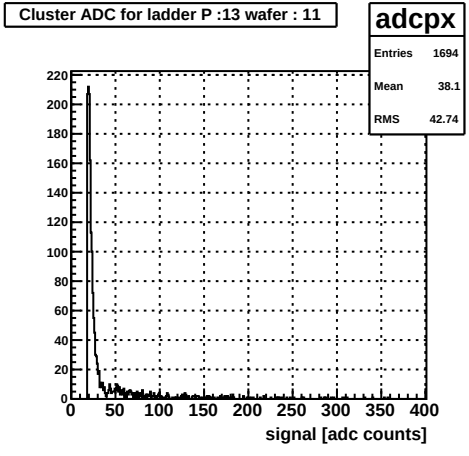

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2706
Mean 38.34
RMS 33.92
signal [adc counts]

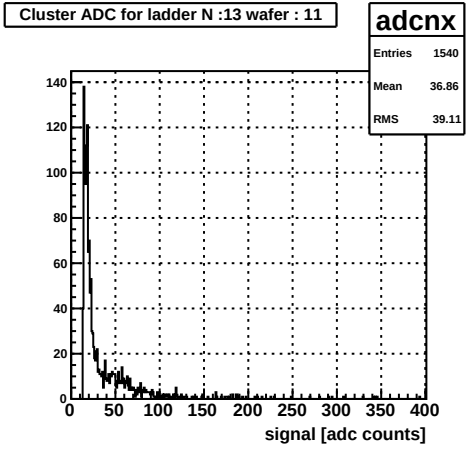

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2052
Mean 33.28
RMS 31.66
signal [adc counts]

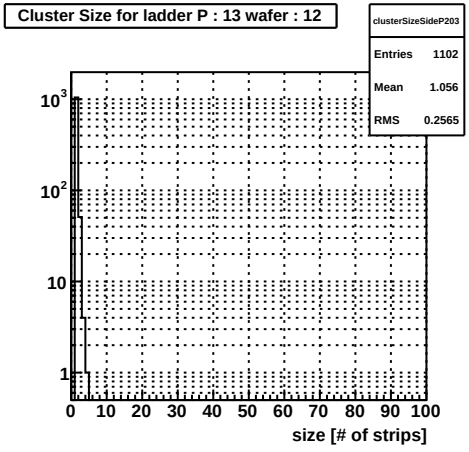

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1694
Mean 1.108
RMS 0.4146
size [# of strips]

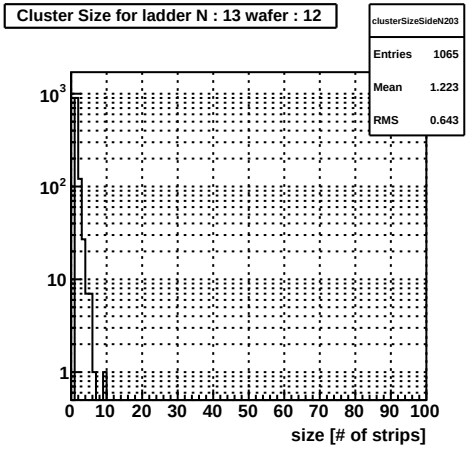

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1540
Mean 1.219
RMS 0.5428
size [# of strips]

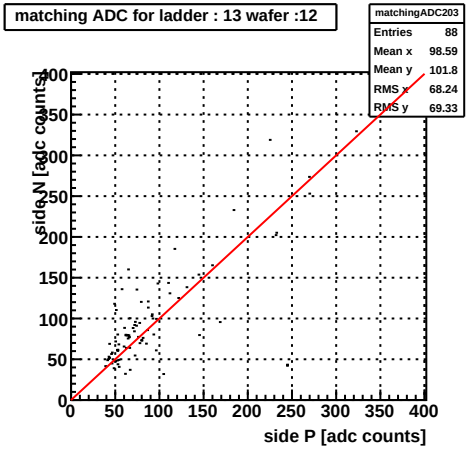

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 226
Mean x 88.49
Mean y 85.03
RMS x 63.19
RMS y 60.34
side N [adc counts]
side P [adc counts]

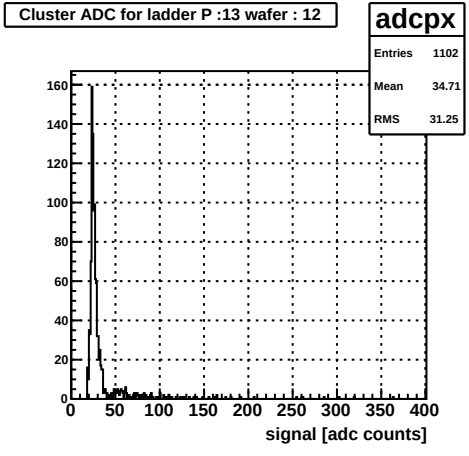

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1694
Mean 38.1
RMS 42.74
signal [adc counts]

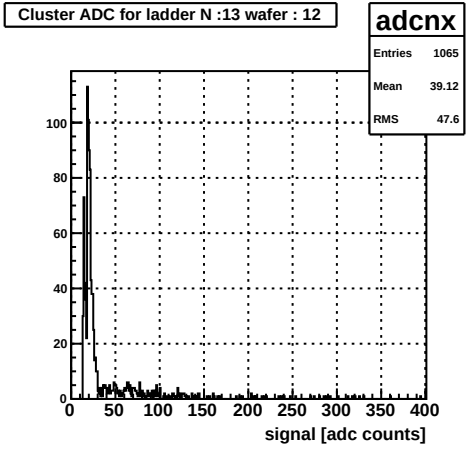

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1540
Mean 36.86
RMS 39.11
signal [adc counts]

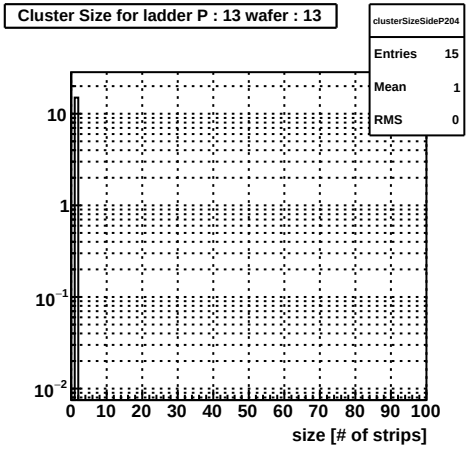

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1102
Mean 1.056
RMS 0.2565
size [# of strips]

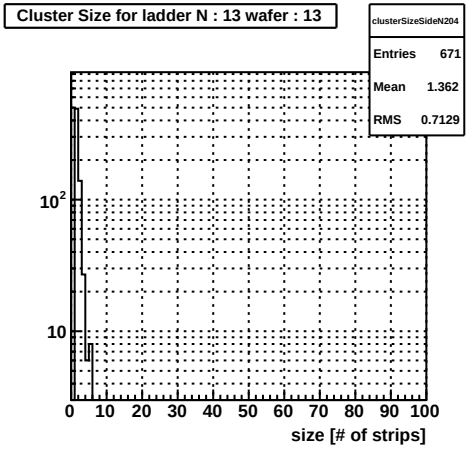

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1065
Mean 1.223
RMS 0.643
size [# of strips]

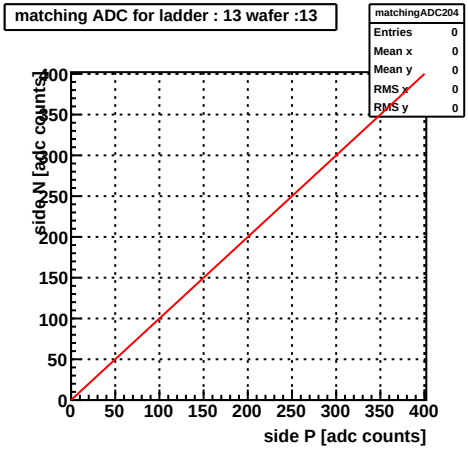

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 88
Mean x 98.59
Mean y 101.8
RMS x 68.24
RMS y 69.33
side N [adc counts]
side P [adc counts]

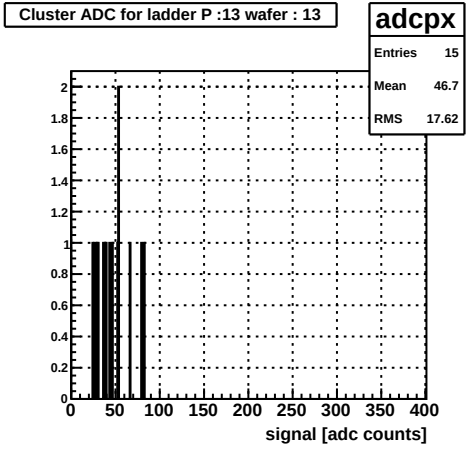

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1102
Mean 34.71
RMS 31.25
signal [adc counts]

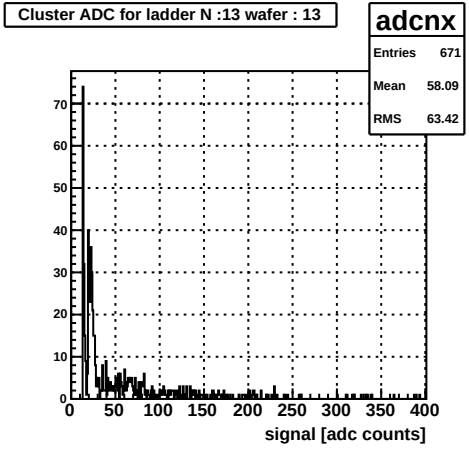

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1065
Mean 39.12
RMS 47.6
signal [adc counts]

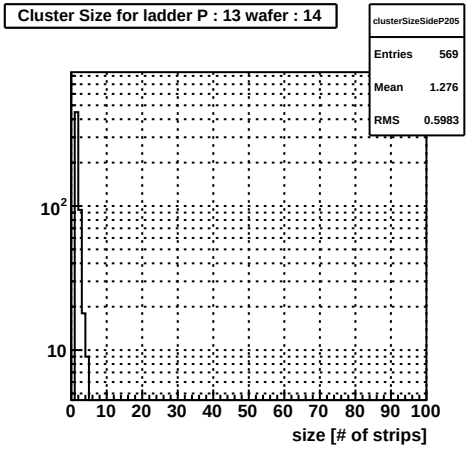

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 15
Mean 1
RMS 0
size [# of strips]

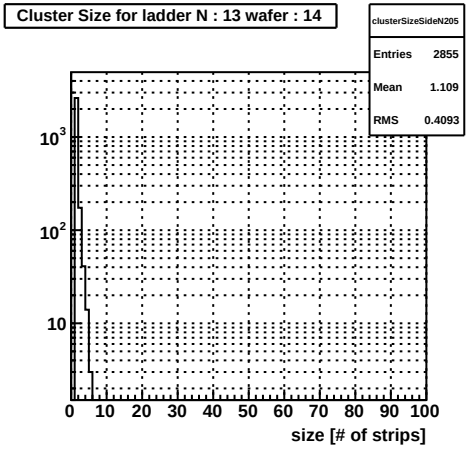

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 671
Mean 1.362
RMS 0.7129
size [# of strips]

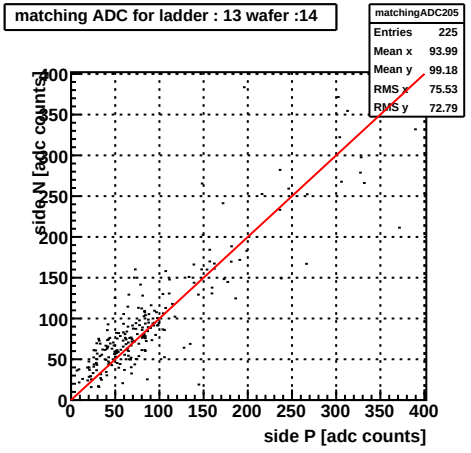

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

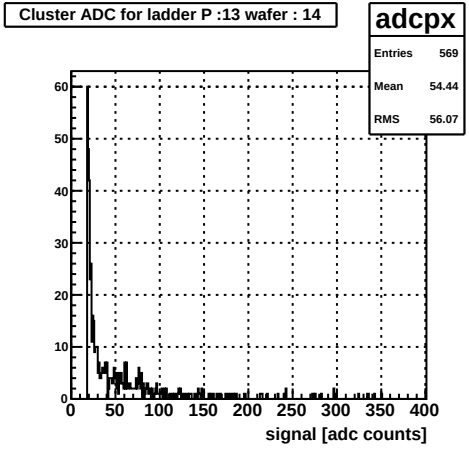

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 15
Mean 46.7
RMS 17.62
signal [adc counts]

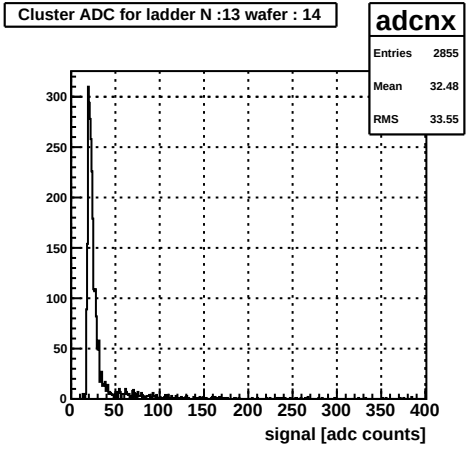

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 671
Mean 58.09
RMS 63.42
signal [adc counts]

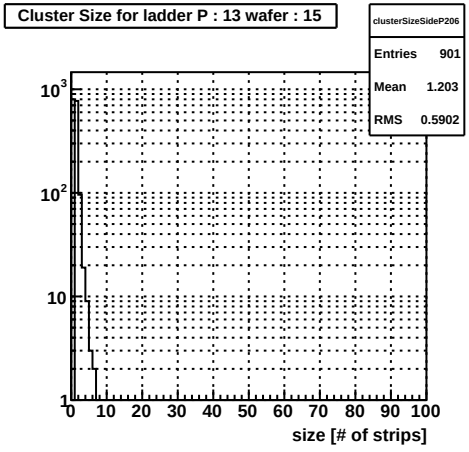

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 569
Mean 1.276
RMS 0.5983
size [# of strips]

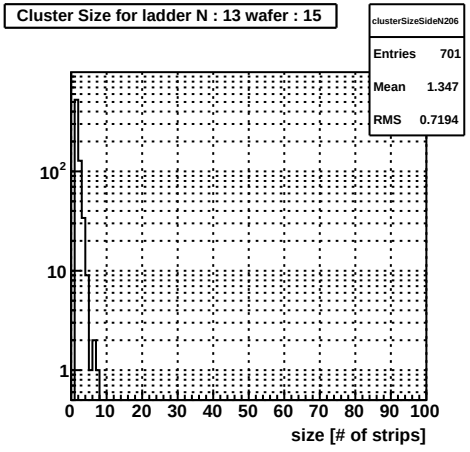

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2855
Mean 1.109
RMS 0.4093
size [# of strips]

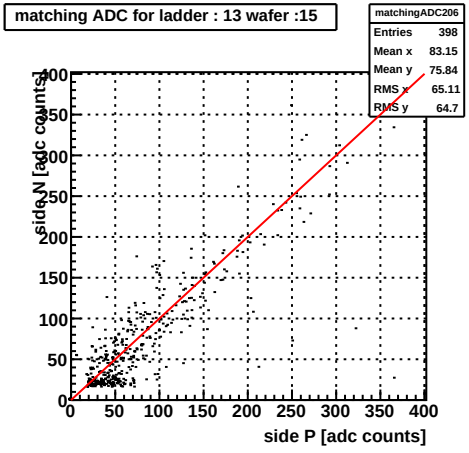

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 225
Mean x 93.99
Mean y 99.18
RMS x 75.53
RMS y 72.79
side N [adc counts]
side P [adc counts]

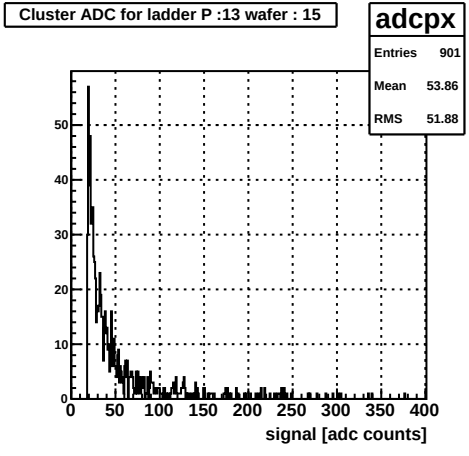

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 569
Mean 54.44
RMS 56.07
signal [adc counts]

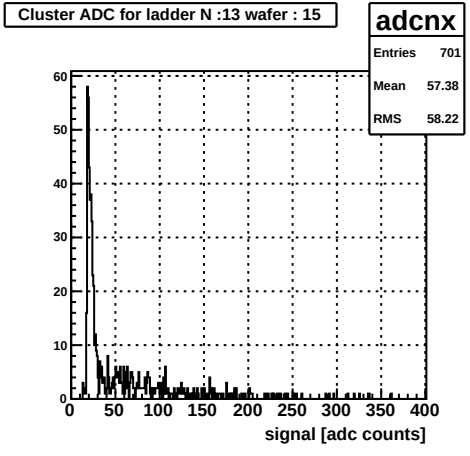

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2855
Mean 32.48
RMS 33.55
signal [adc counts]

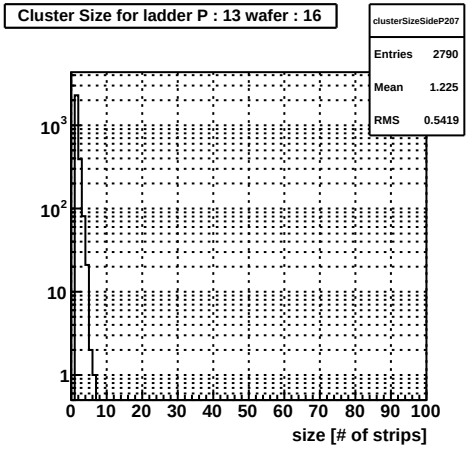

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 901
Mean 1.203
RMS 0.5902
size [# of strips]

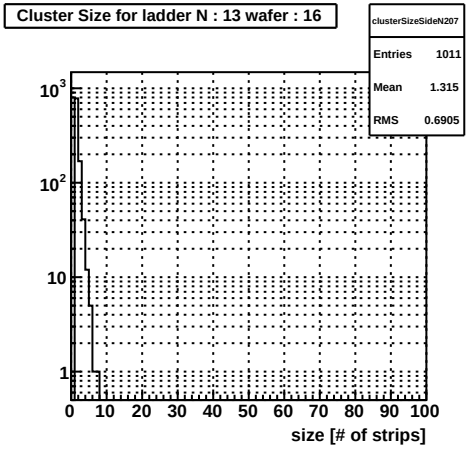

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 701
Mean 1.347
RMS 0.7194
size [# of strips]

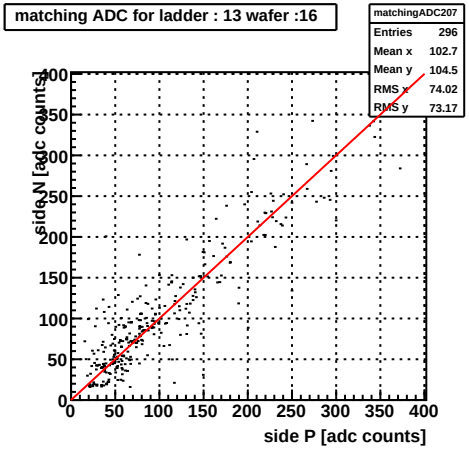

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 398
Mean x 83.15
Mean y 75.84
RMS x 65.11
RMS y 64.7
side N [adc counts]
side P [adc counts]

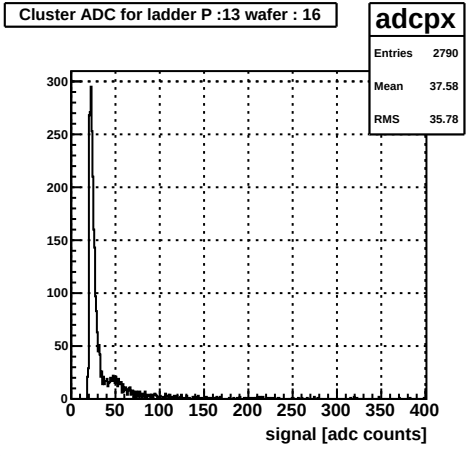

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 901
Mean 53.86
RMS 51.88
signal [adc counts]

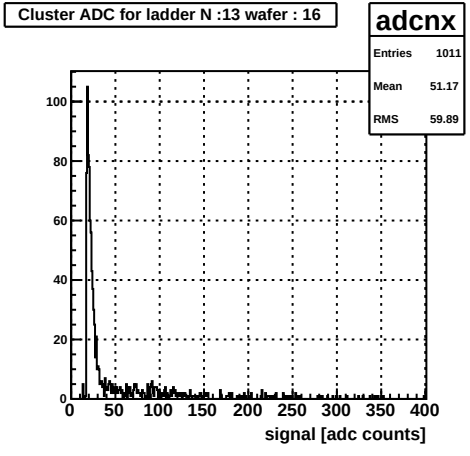

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 701
Mean 57.38
RMS 58.22
signal [adc counts]

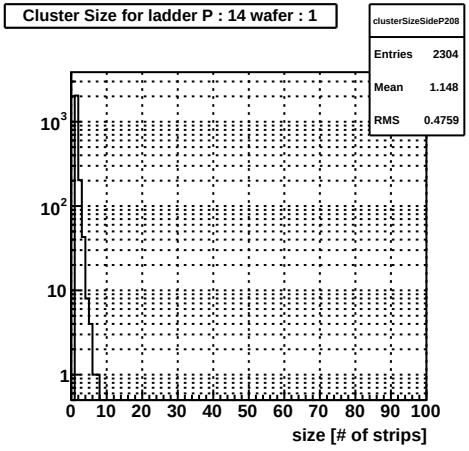

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2790
Mean 1.225
RMS 0.5419
size [# of strips]

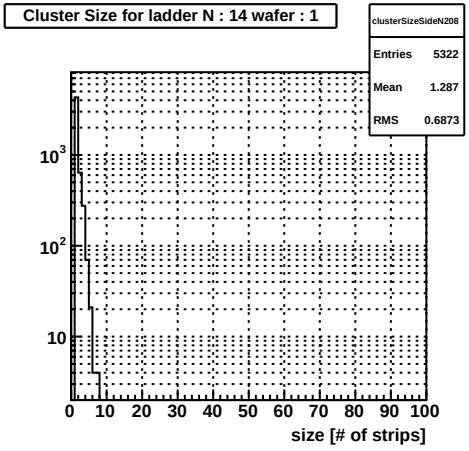

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1011
Mean 1.315
RMS 0.6905
size [# of strips]

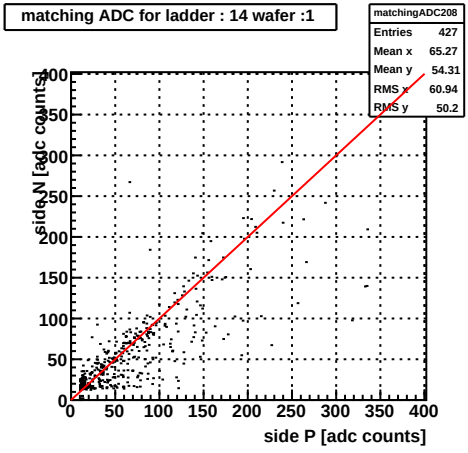

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 296
Mean x 102.7
Mean y 104.5
RMS x 74.02
RMS y 73.17
side N [adc counts]
side P [adc counts]

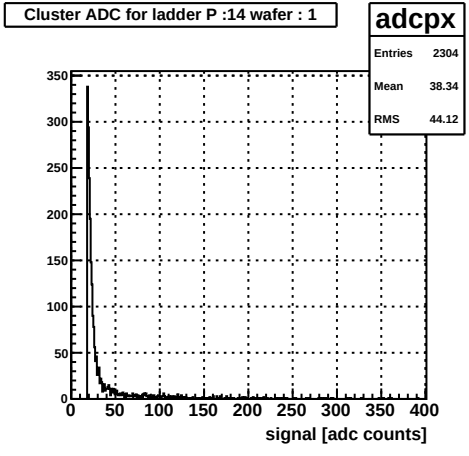

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2790
Mean 37.58
RMS 35.78
signal [adc counts]

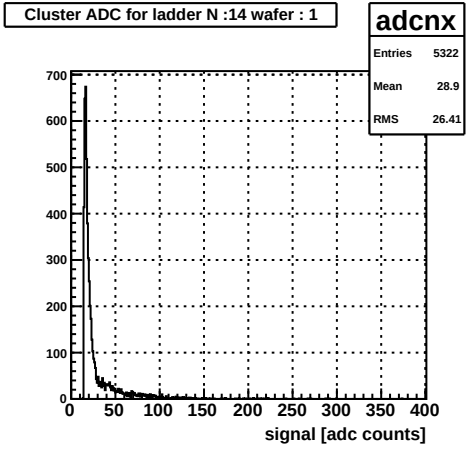

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1011
Mean 51.17
RMS 59.89
signal [adc counts]

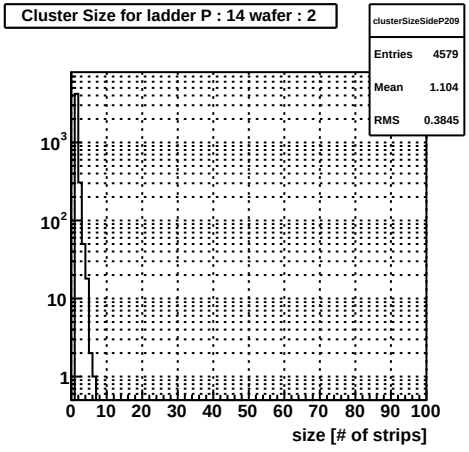

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2304
Mean 1.148
RMS 0.4759
size [# of strips]

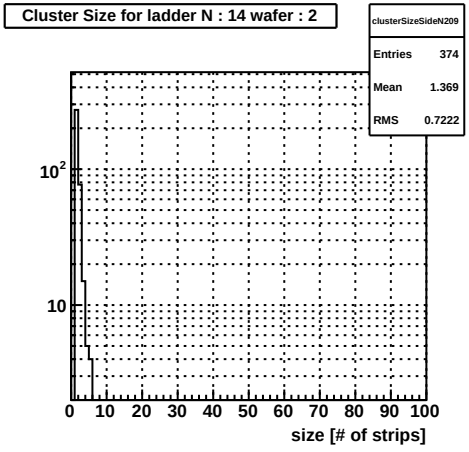

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5322
Mean 1.287
RMS 0.6873
size [# of strips]

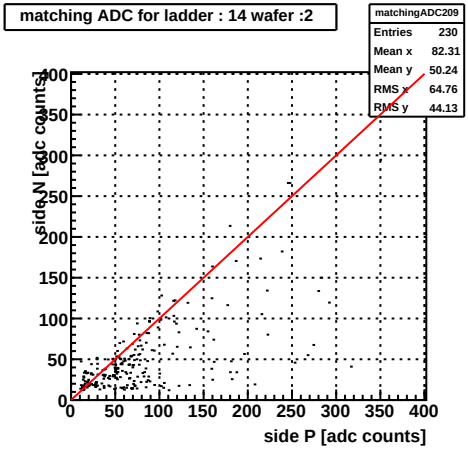

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 427
Mean x 65.27
Mean y 54.31
RMS x 60.94
RMS y 50.2
side N [adc counts]
side P [adc counts]

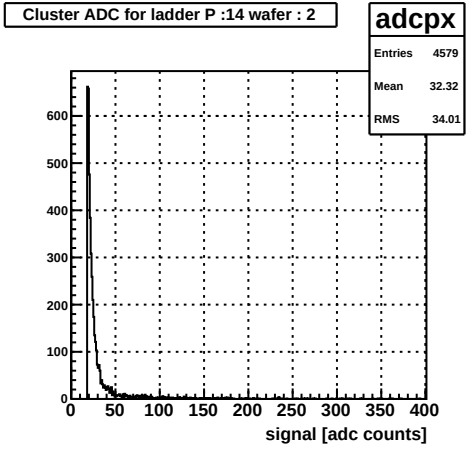

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2304
Mean 38.34
RMS 44.12
signal [adc counts]

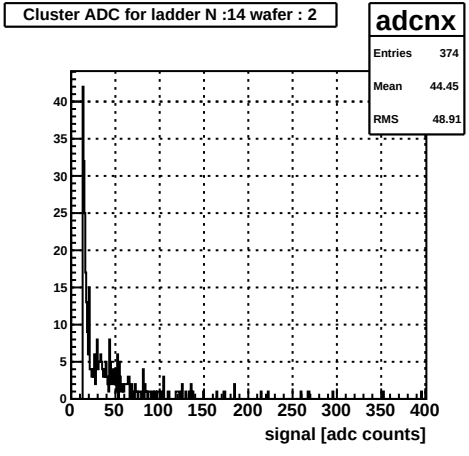

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5322
Mean 28.9
RMS 26.41
signal [adc counts]

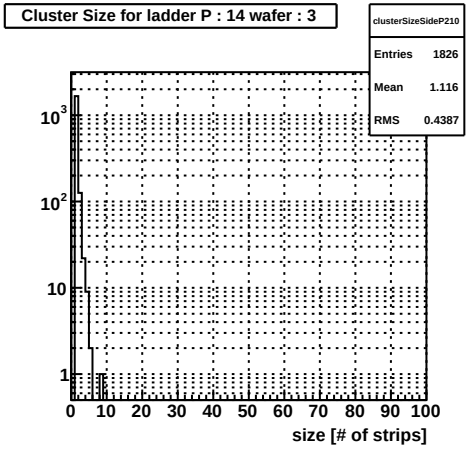

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4579
Mean 1.104
RMS 0.3845
size [# of strips]

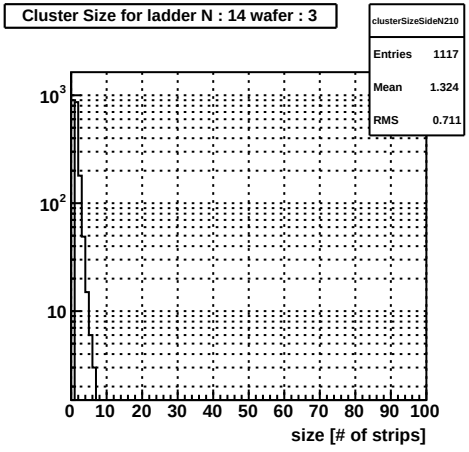

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 374
Mean 1.369
RMS 0.7222
size [# of strips]

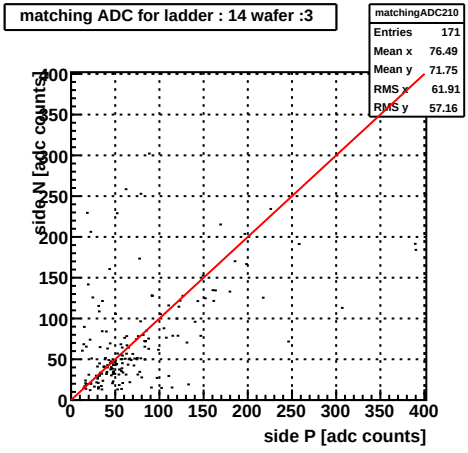

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 230
Mean x 82.31
Mean y 50.24
RMS x 64.76
RMS y 44.13
side N [adc counts]
side P [adc counts]

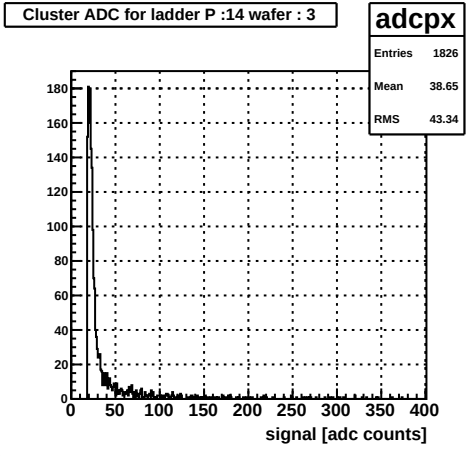

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4579
Mean 32.32
RMS 34.01
signal [adc counts]

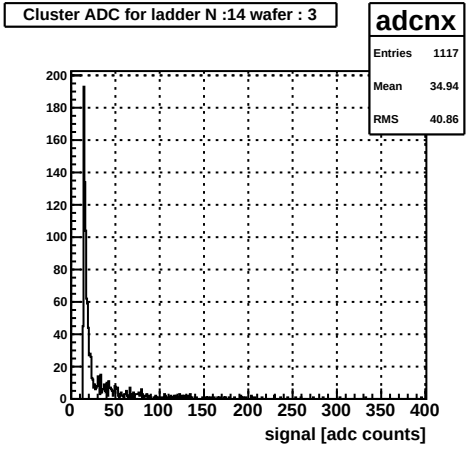

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 374
Mean 44.45
RMS 48.91
signal [adc counts]

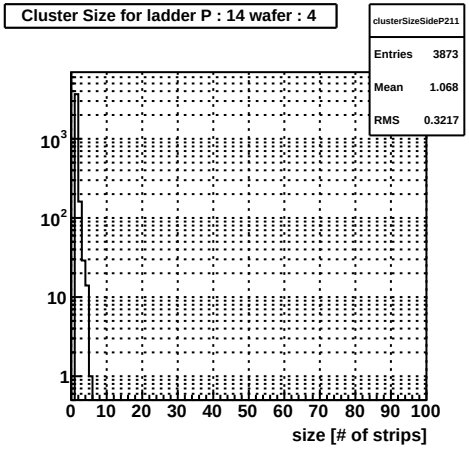

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1826
Mean 1.116
RMS 0.4387
size [# of strips]

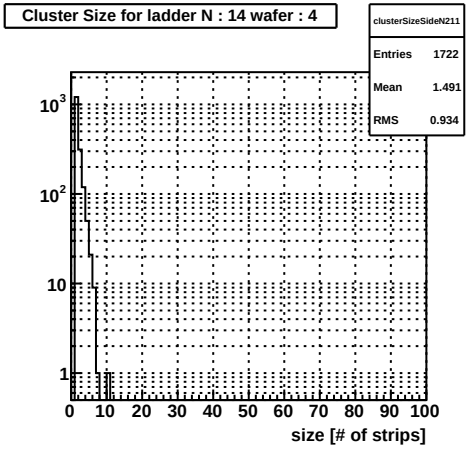

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1117
Mean 1.324
RMS 0.711
size [# of strips]

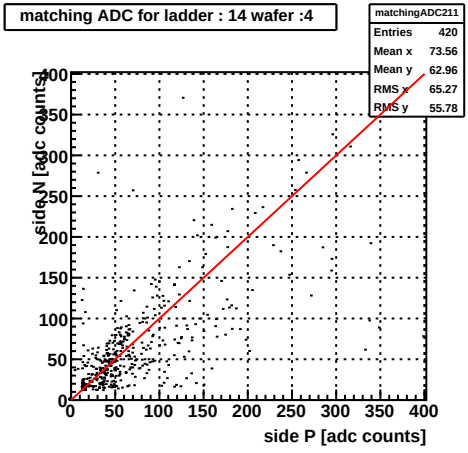

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 171
Mean x 76.49
Mean y 71.75
RMS x 61.91
RMS y 57.16
side N [adc counts]
side P [adc counts]

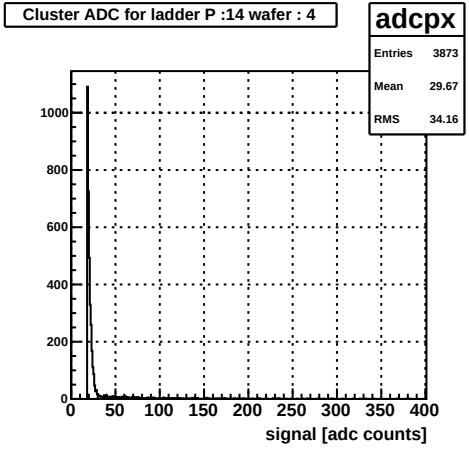

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1826
Mean 38.65
RMS 43.34
signal [adc counts]

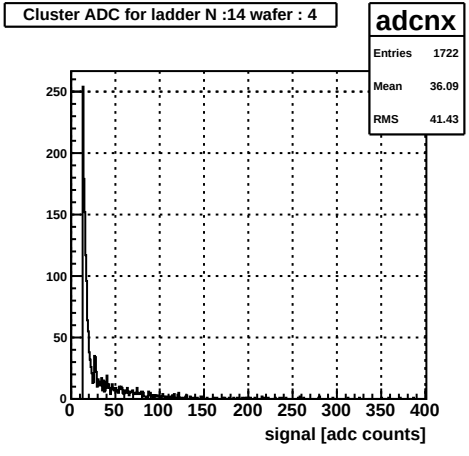

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1117
Mean 34.94
RMS 40.86
signal [adc counts]

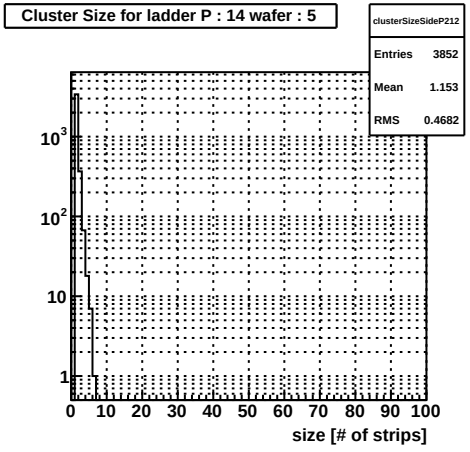

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3873
Mean 1.068
RMS 0.3217
size [# of strips]

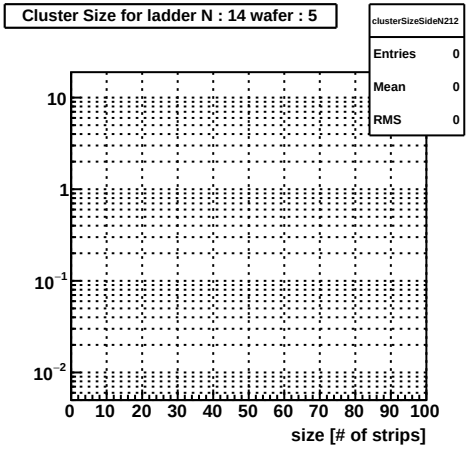

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1722
Mean 1.491
RMS 0.934
size [# of strips]

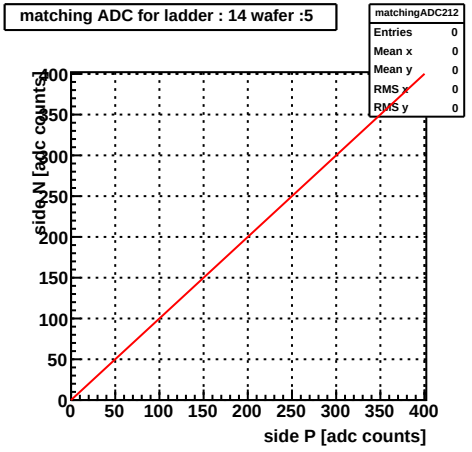

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 420
Mean x 73.56
Mean y 62.96
RMS x 65.27
RMS y 55.78
side N [adc counts]
side P [adc counts]

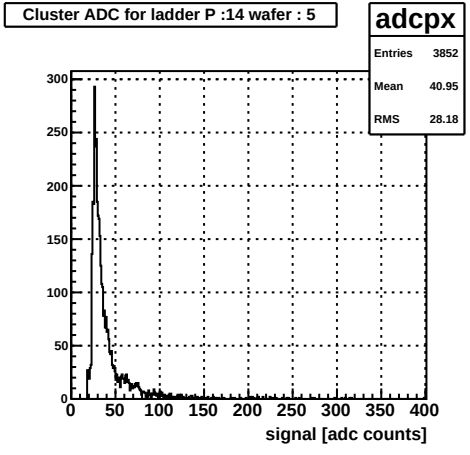

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3873
Mean 29.67
RMS 34.16
signal [adc counts]

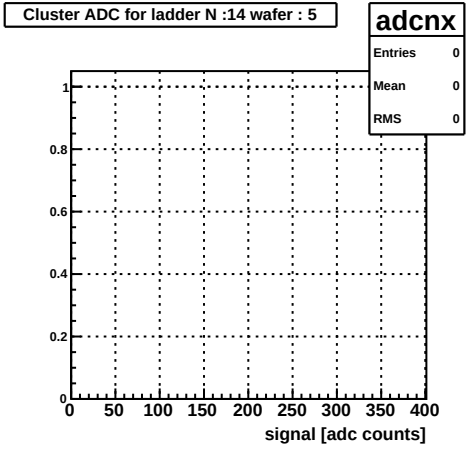

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1722
Mean 36.09
RMS 41.43
signal [adc counts]

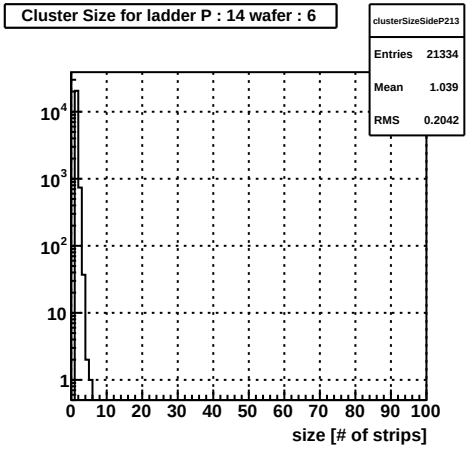

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3852
Mean 1.153
RMS 0.4682
size [# of strips]

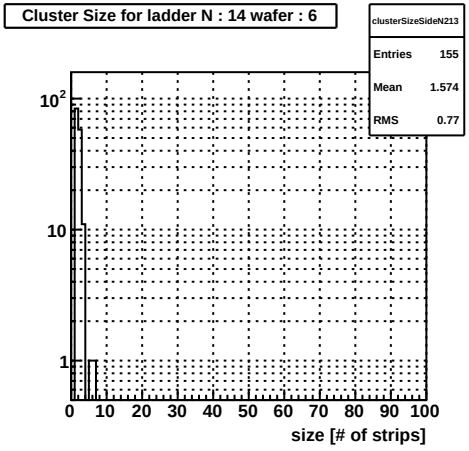

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

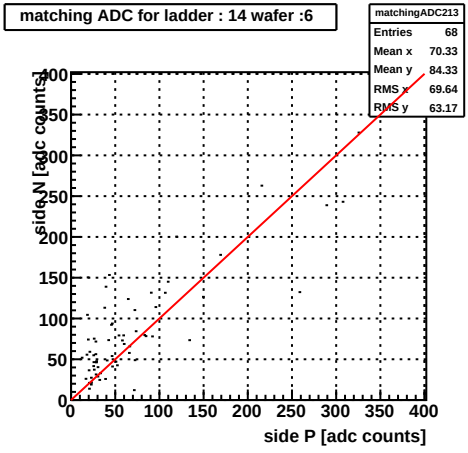

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

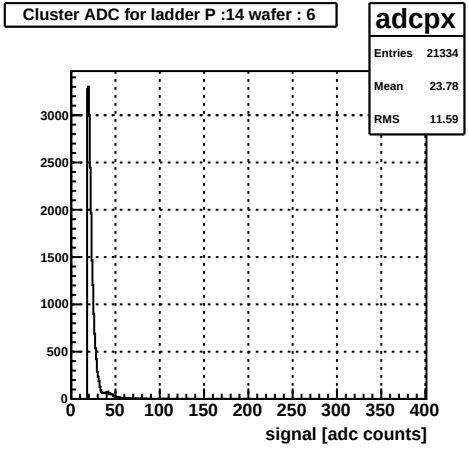

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3852
Mean 40.95
RMS 28.18
signal [adc counts]

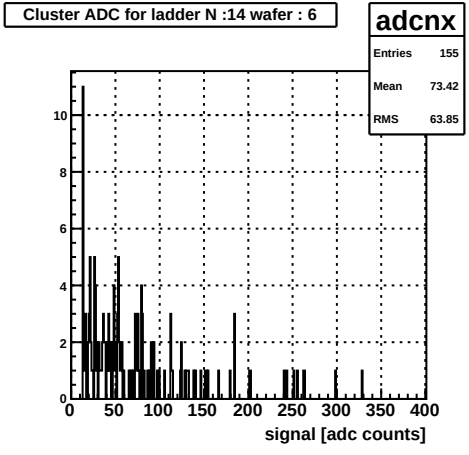

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

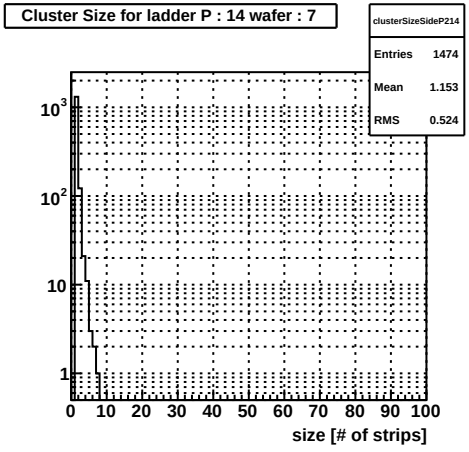

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21334
Mean 1.039
RMS 0.2042
size [# of strips]

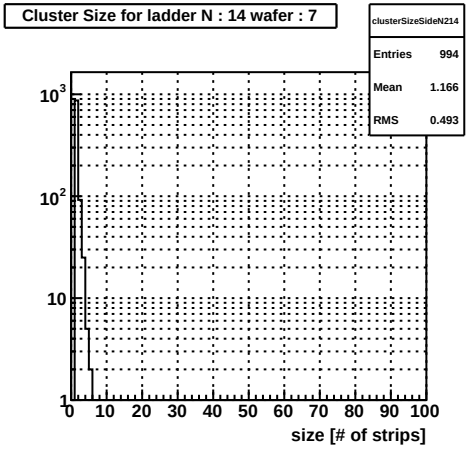

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 155
Mean 1.574
RMS 0.77
size [# of strips]

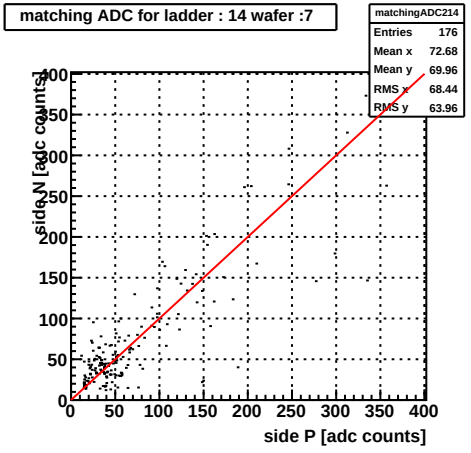

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 68
Mean x 70.33
Mean y 84.33
RMS x 69.64
RMS y 63.17
side N [adc counts]
side P [adc counts]

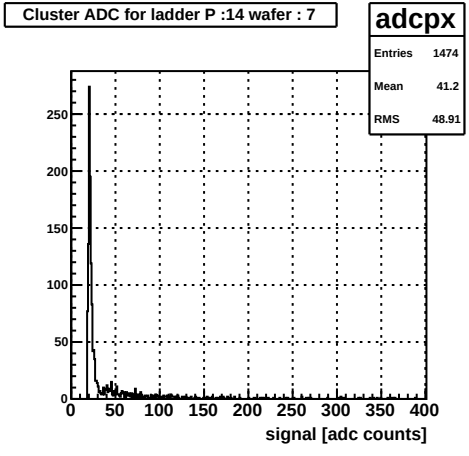

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21334
Mean 23.78
RMS 11.59
signal [adc counts]

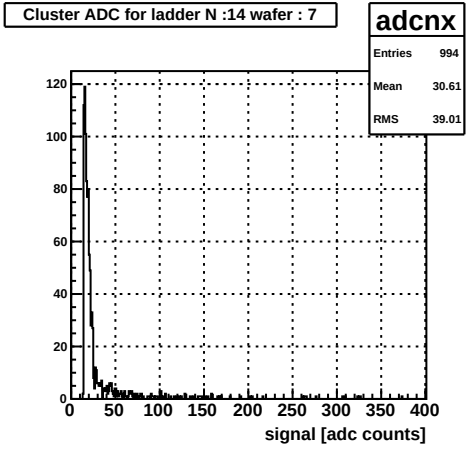

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 155
Mean 73.42
RMS 63.85
signal [adc counts]

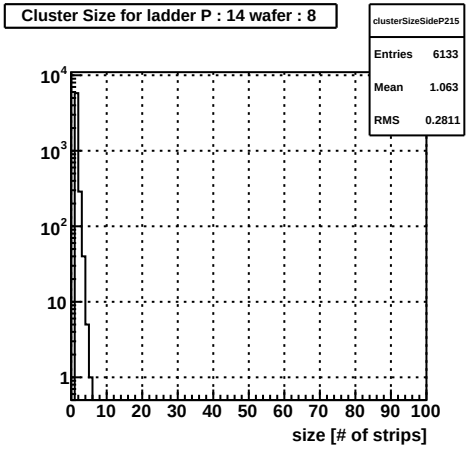

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1474
Mean 1.153
RMS 0.524
size [# of strips]

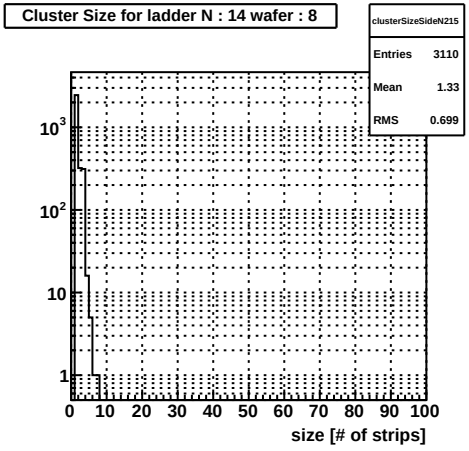

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 994
Mean 1.166
RMS 0.493
size [# of strips]

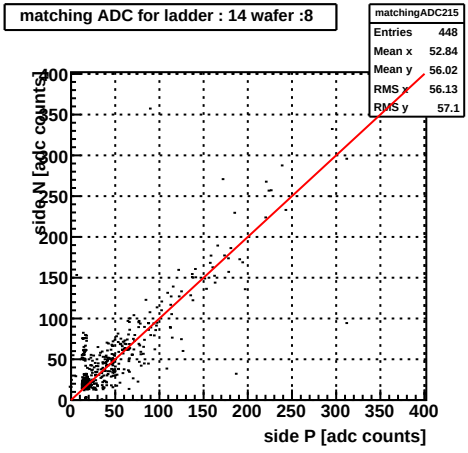

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 176
Mean x 72.68
Mean y 69.96
RMS x 68.44
RMS y 63.96
side N [adc counts]
side P [adc counts]

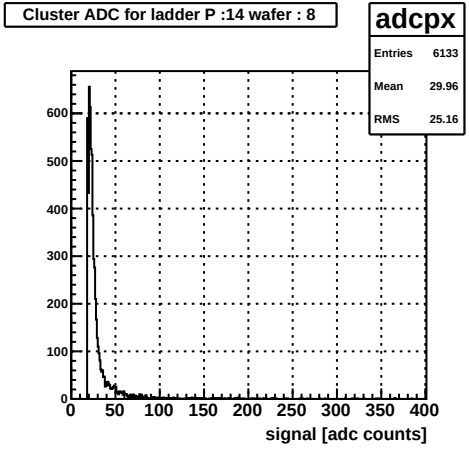

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1474
Mean 41.2
RMS 48.91
signal [adc counts]

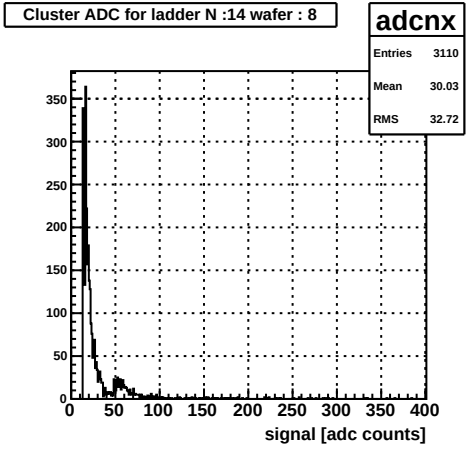

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 994
Mean 30.61
RMS 39.01
signal [adc counts]

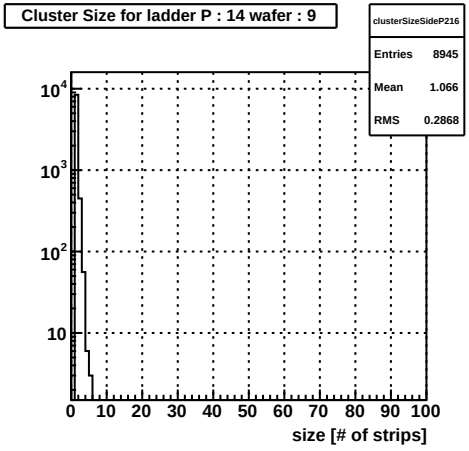

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6133
Mean 1.063
RMS 0.2811
size [# of strips]

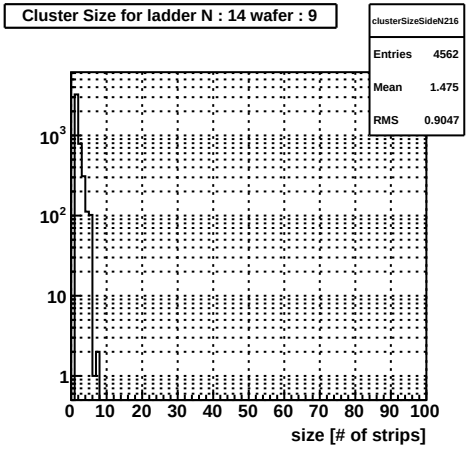

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3110
Mean 1.33
RMS 0.699
size [# of strips]

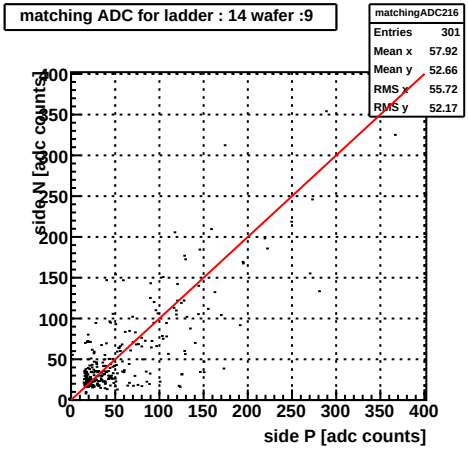

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 448
Mean x 52.84
Mean y 56.02
RMS x 56.13
RMS y 57.1
side N [adc counts]
side P [adc counts]

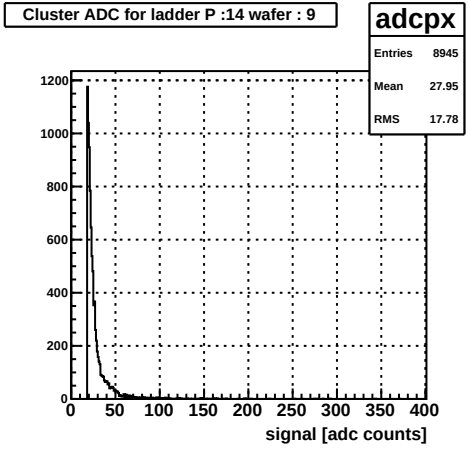

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6133
Mean 29.96
RMS 25.16
signal [adc counts]

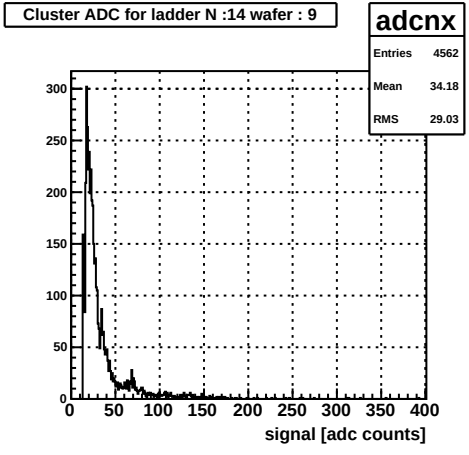

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3110
Mean 30.03
RMS 32.72
signal [adc counts]

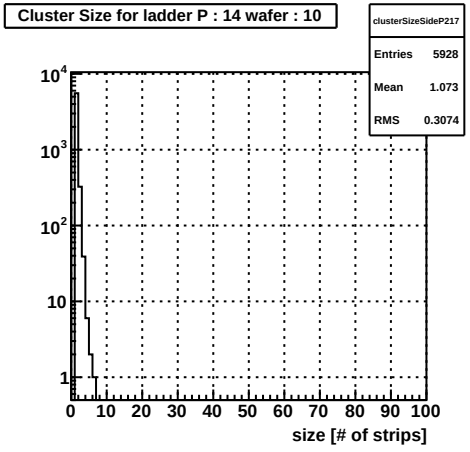

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 8945
Mean 1.066
RMS 0.2868
size [# of strips]

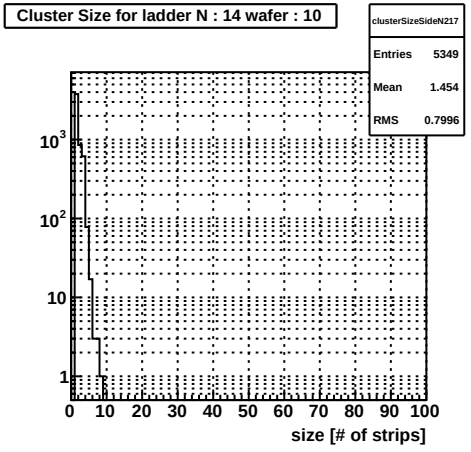

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4562
Mean 1.475
RMS 0.9047
size [# of strips]

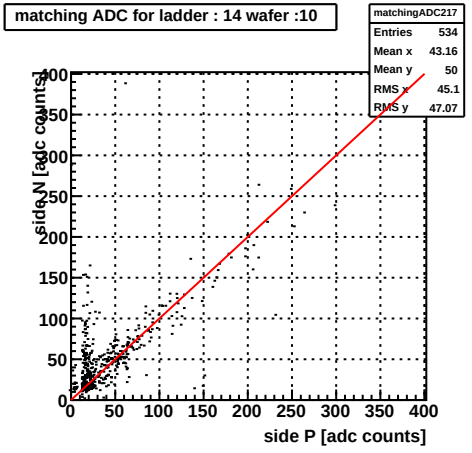

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 301
Mean x 57.92
Mean y 52.66
RMS x 55.72
RMS y 52.17
side N [adc counts]
side P [adc counts]

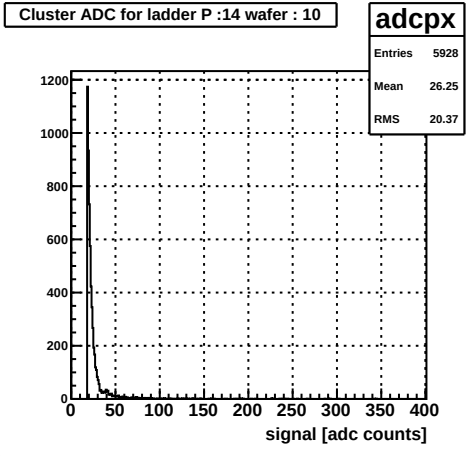

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 8945
Mean 27.95
RMS 17.78
signal [adc counts]

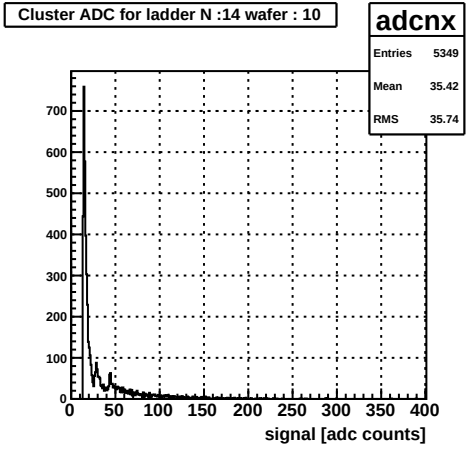

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4562
Mean 34.18
RMS 29.03
signal [adc counts]

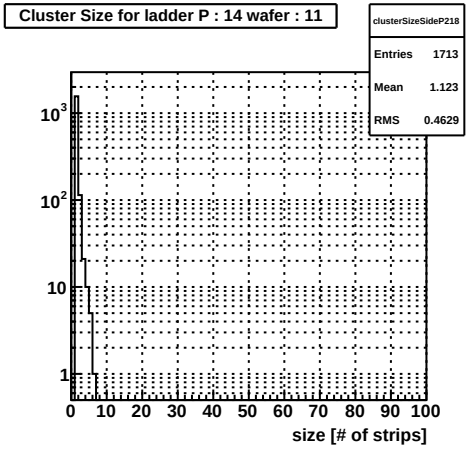

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 5928
Mean 1.073
RMS 0.3074
size [# of strips]

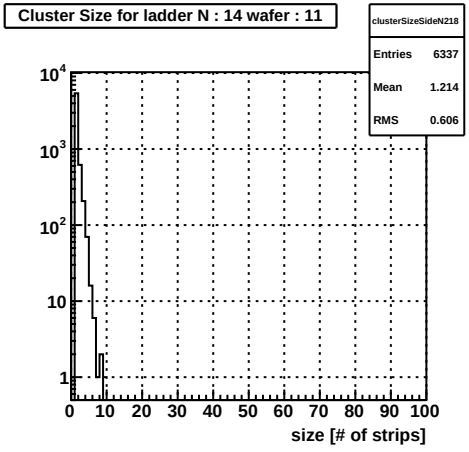

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5349
Mean 1.454
RMS 0.7996
size [# of strips]

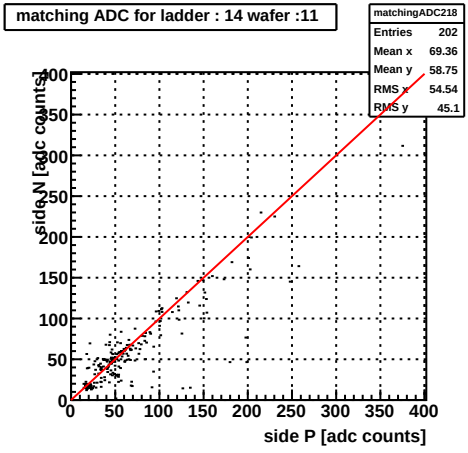

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 534
Mean x 43.16
Mean y 50
RMS x 45.1
RMS y 47.07
side N [adc counts]
side P [adc counts]

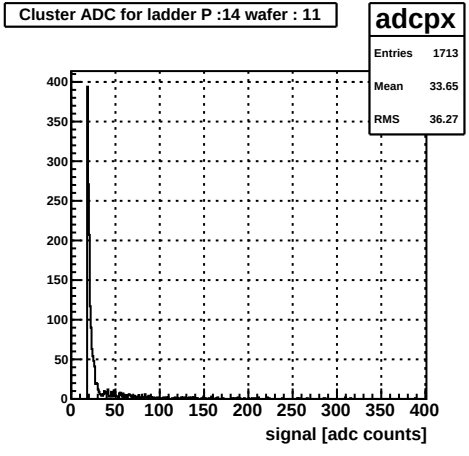

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 5928
Mean 26.25
RMS 20.37
signal [adc counts]

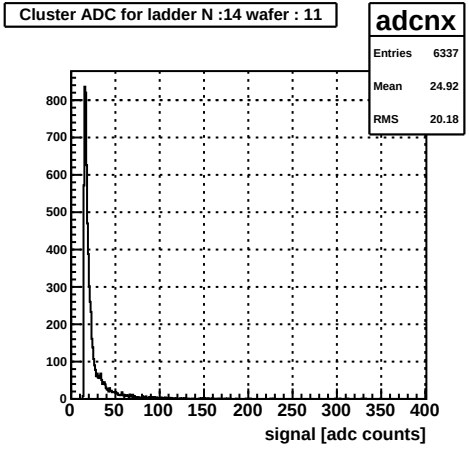

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5349
Mean 35.42
RMS 35.74
signal [adc counts]

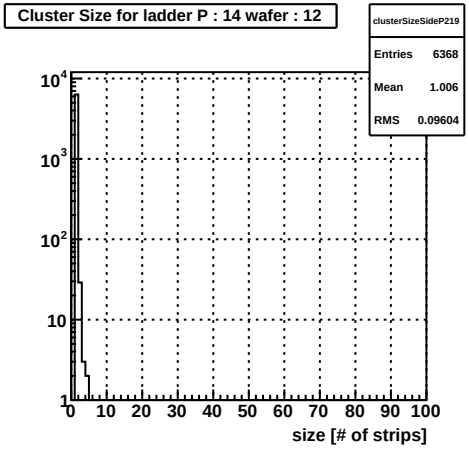

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1713
Mean 1.123
RMS 0.4629
size [# of strips]

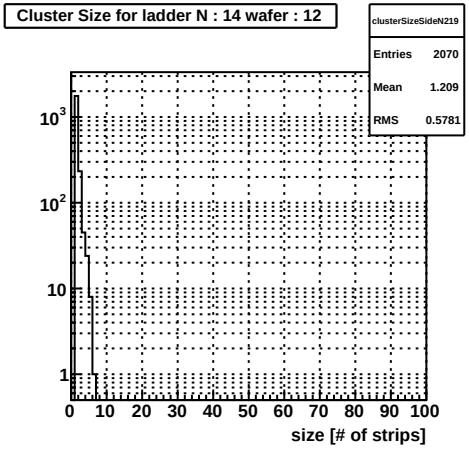

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6337
Mean 1.214
RMS 0.606
size [# of strips]

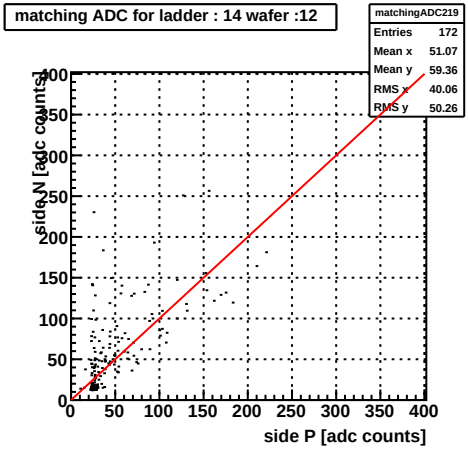

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 202
Mean x 69.36
Mean y 58.75
RMS x 54.54
RMS y 45.1
side N [adc counts]
side P [adc counts]

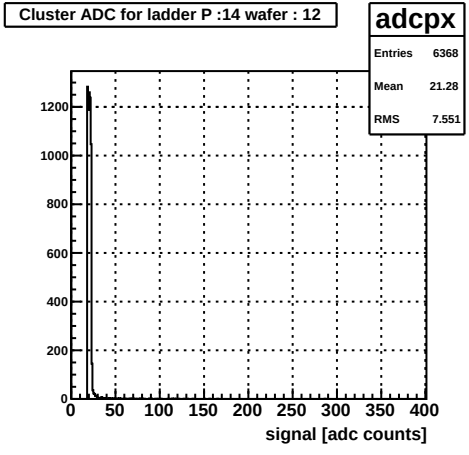

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1713
Mean 33.65
RMS 36.27
signal [adc counts]

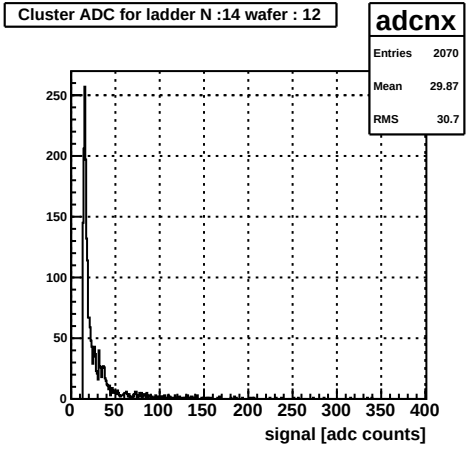

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6337
Mean 24.92
RMS 20.18
signal [adc counts]

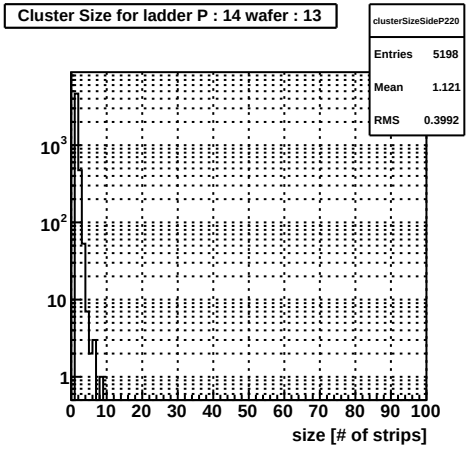

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 6368
Mean 1.006
RMS 0.09604
size [# of strips]

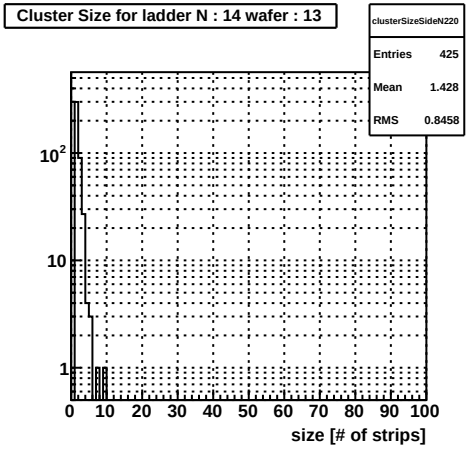

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2070
Mean 1.209
RMS 0.5781
size [# of strips]

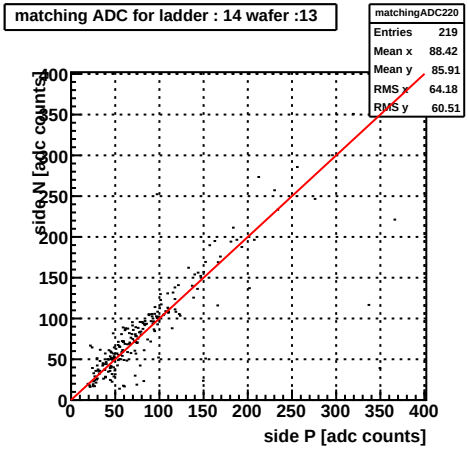

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 172
Mean x 51.07
Mean y 59.36
RMS x 40.06
RMS y 50.26
side N [adc counts]
side P [adc counts]

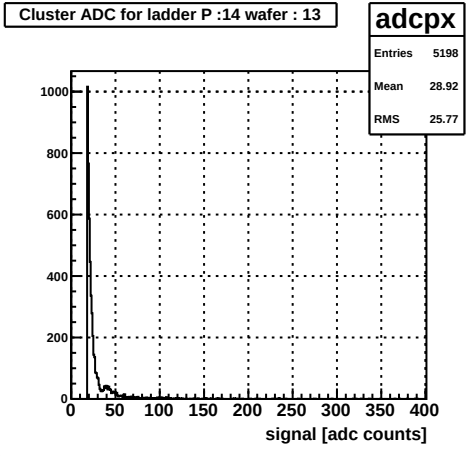

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 6368
Mean 21.28
RMS 7.551
signal [adc counts]

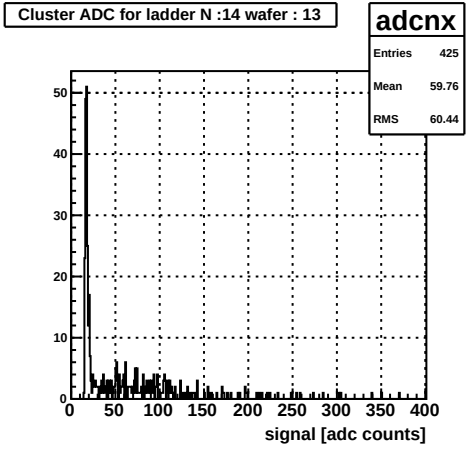

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2070
Mean 29.87
RMS 30.7
signal [adc counts]

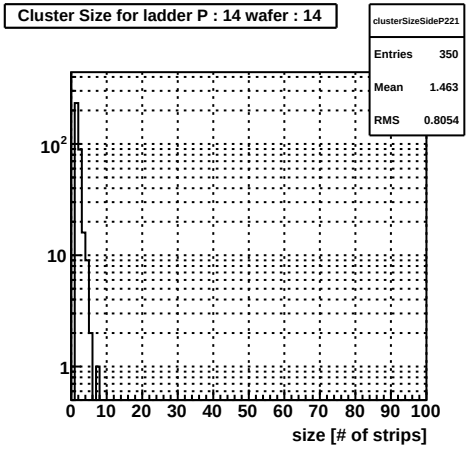

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5198
Mean 1.121
RMS 0.3992
size [# of strips]

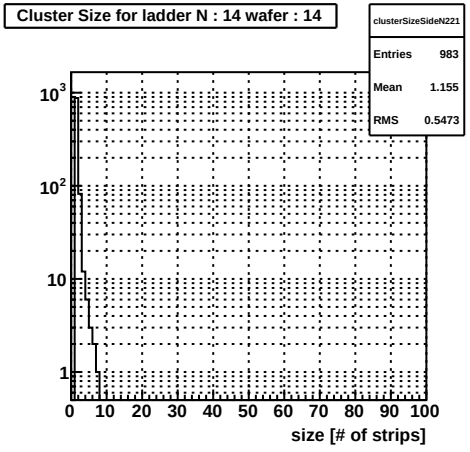

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 425
Mean 1.428
RMS 0.8458
size [# of strips]

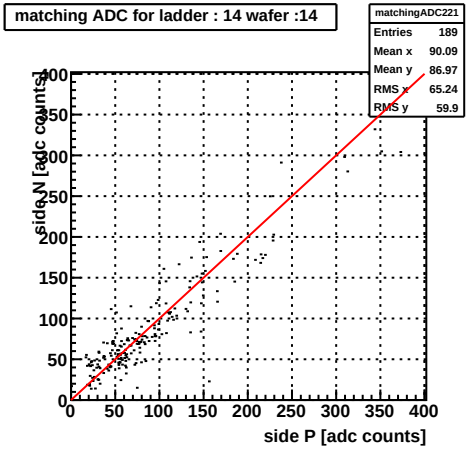

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 219
Mean x 88.42
Mean y 85.91
RMS x 64.18
RMS y 60.51
side N [adc counts]
side P [adc counts]

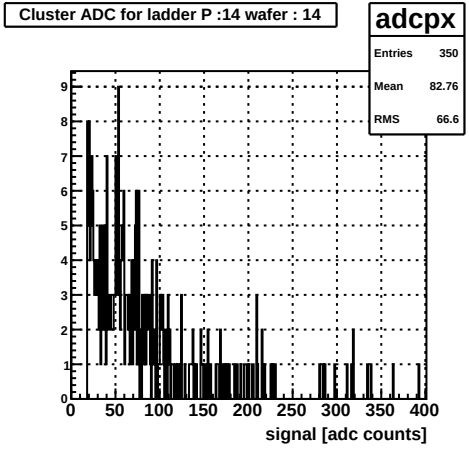

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5198
Mean 28.92
RMS 25.77
signal [adc counts]

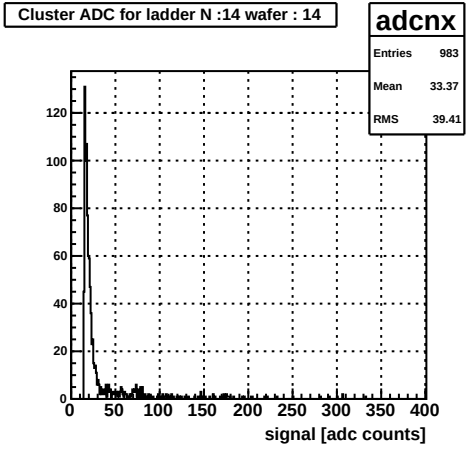

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 425
Mean 59.76
RMS 60.44
signal [adc counts]

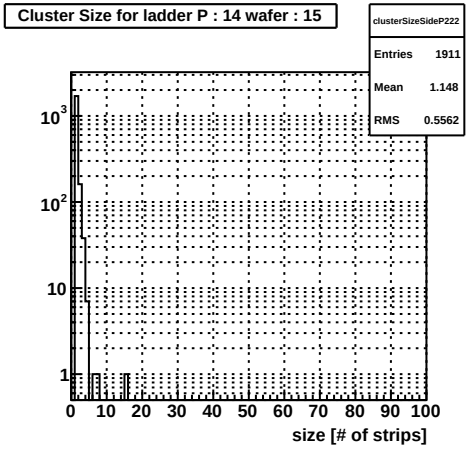

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 350
Mean 1.463
RMS 0.8054
size [# of strips]

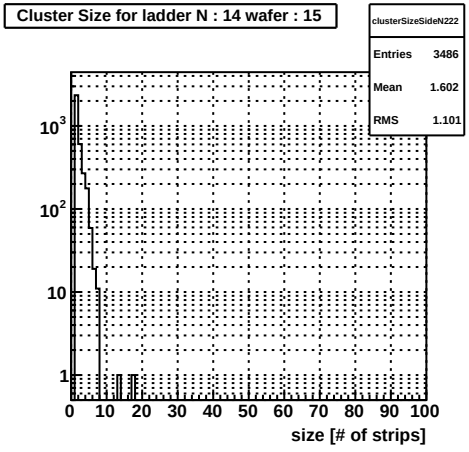

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 983
Mean 1.155
RMS 0.5473
size [# of strips]

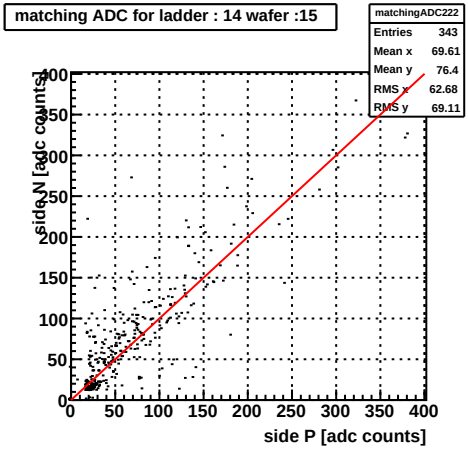

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 189
Mean x 90.09
Mean y 86.97
RMS x 65.24
RMS y 59.9
side N [adc counts]
side P [adc counts]

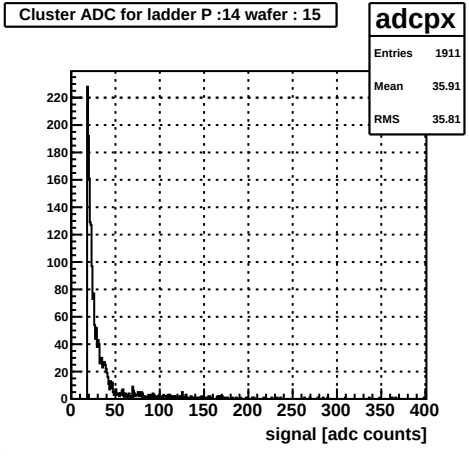

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 350
Mean 82.76
RMS 66.6
signal [adc counts]

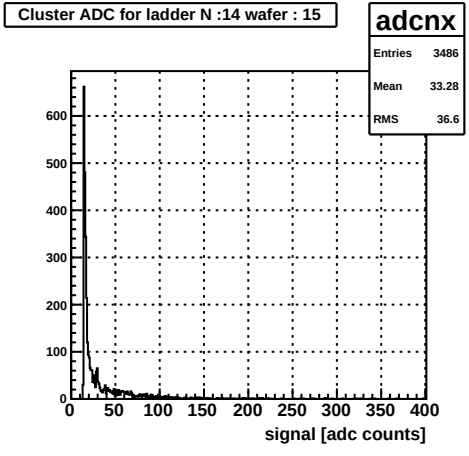

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 983
Mean 33.37
RMS 39.41
signal [adc counts]

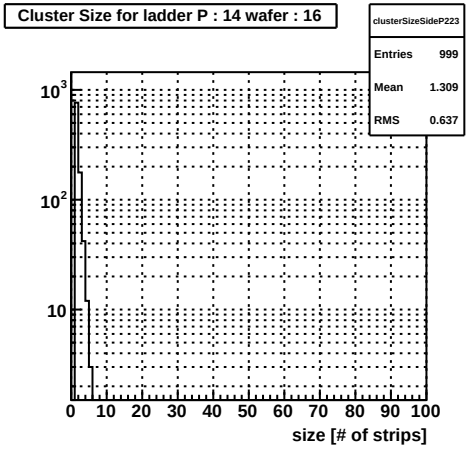

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1911
Mean 1.148
RMS 0.5562
size [# of strips]

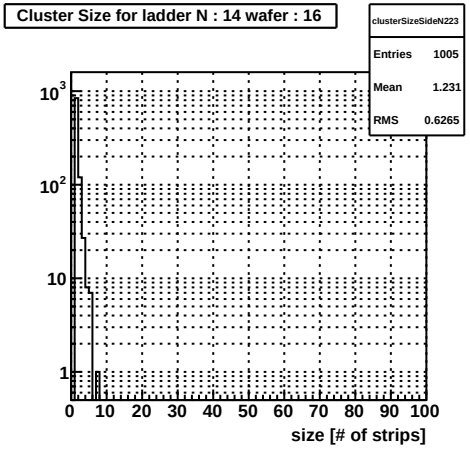

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3486
Mean 1.602
RMS 1.101
size [# of strips]

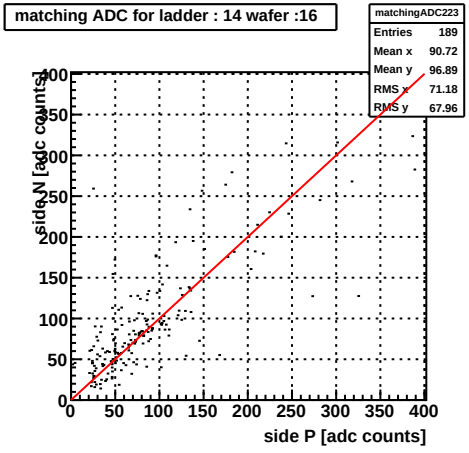

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 343
Mean x 69.61
Mean y 76.4
RMS x 62.68
RMS y 69.11
side N [adc counts]
side P [adc counts]

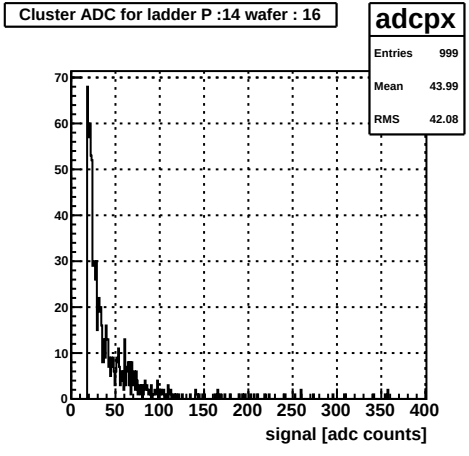

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1911
Mean 35.91
RMS 35.81
signal [adc counts]

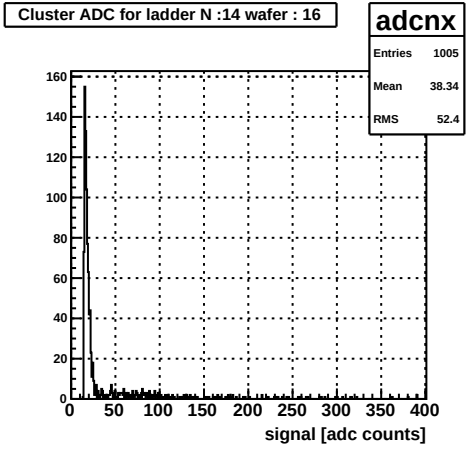

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3486
Mean 33.28
RMS 36.6
signal [adc counts]

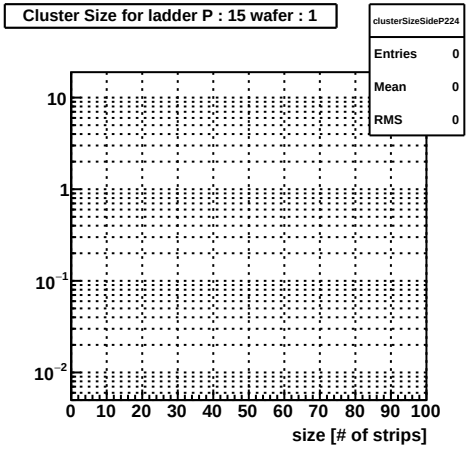

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 999
Mean 1.309
RMS 0.637
size [# of strips]

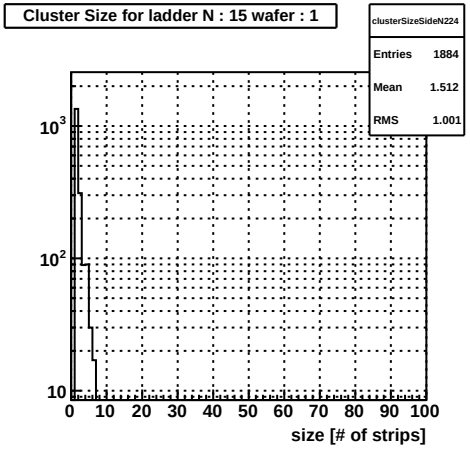

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1005
Mean 1.231
RMS 0.6265
size [# of strips]

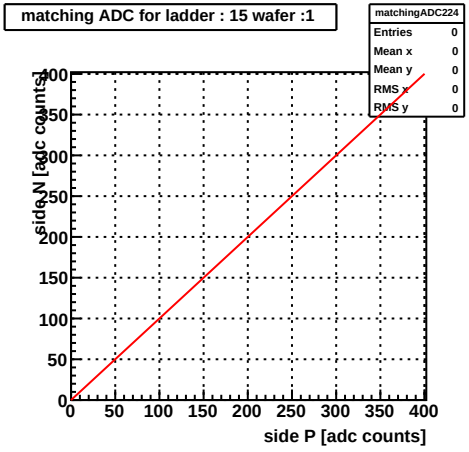

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 189
Mean x 90.72
Mean y 96.89
RMS x 71.18
RMS y 67.96
side N [adc counts]
side P [adc counts]

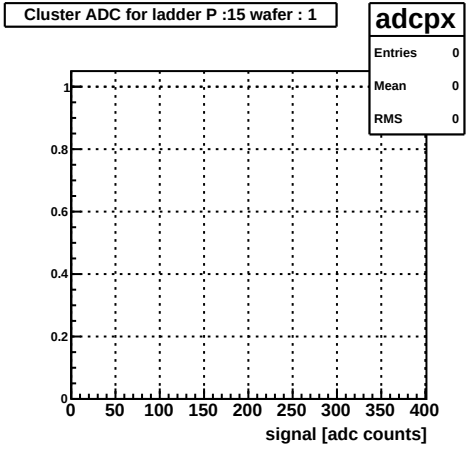

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 999
Mean 43.99
RMS 42.08
signal [adc counts]

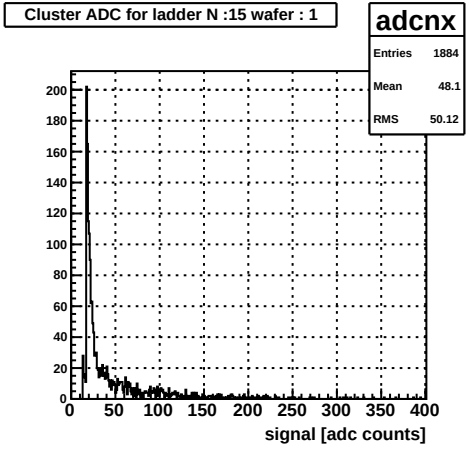

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1005
Mean 38.34
RMS 52.4
signal [adc counts]

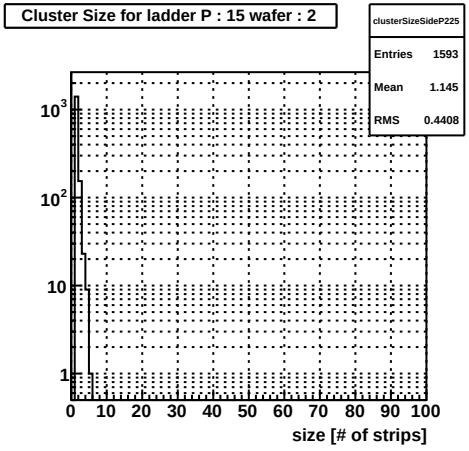

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

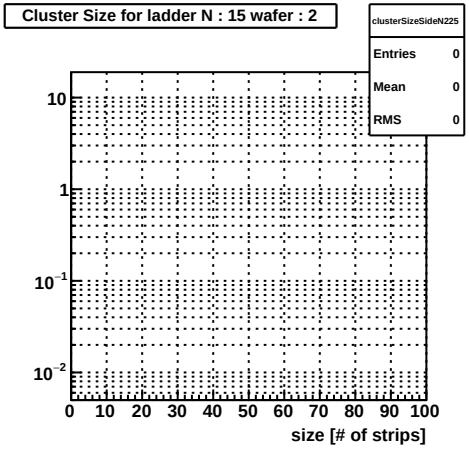

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1884
Mean 1.512
RMS 1.001
size [# of strips]

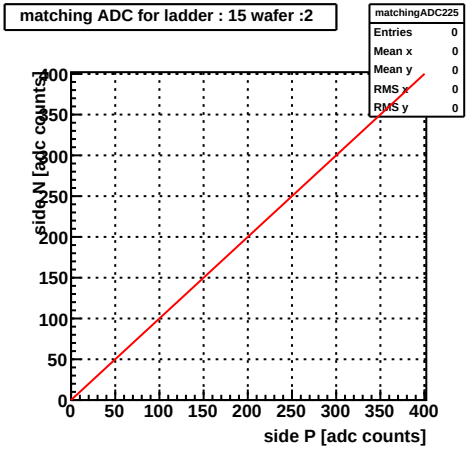

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

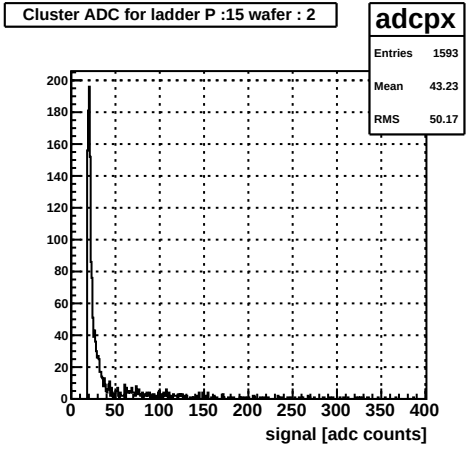

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

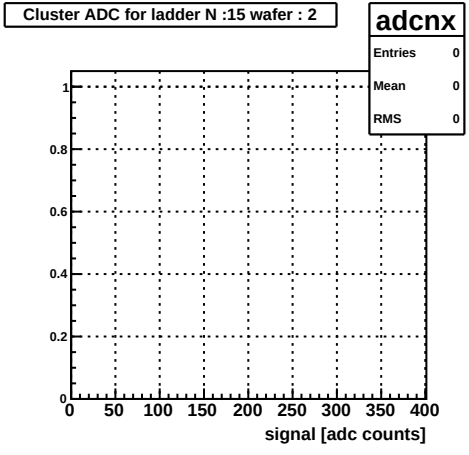

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1884
Mean 48.1
RMS 50.12
signal [adc counts]

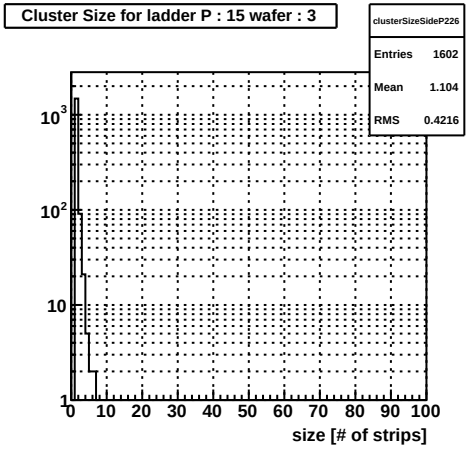

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1593
Mean 1.145
RMS 0.4408
size [# of strips]

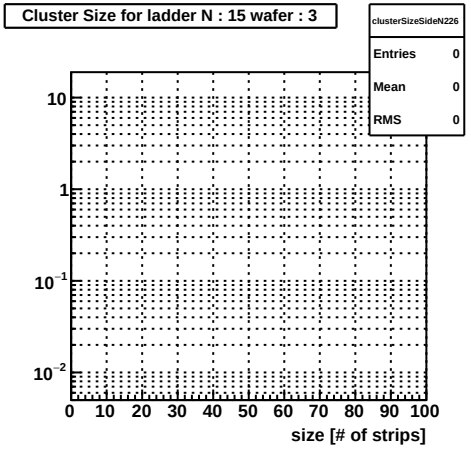

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

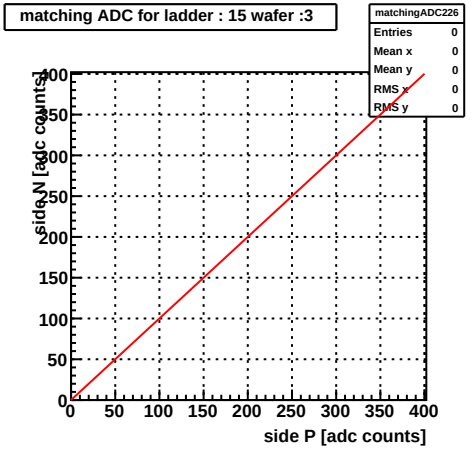

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

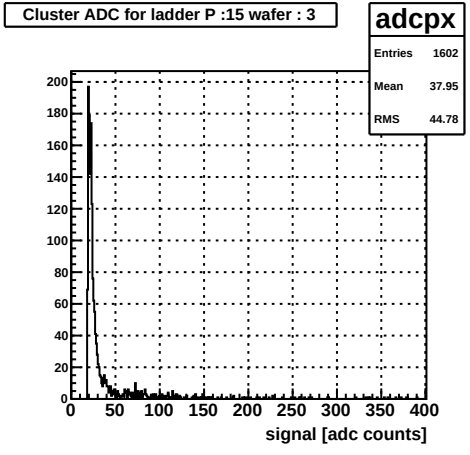

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1593
Mean 43.23
RMS 50.17
signal [adc counts]

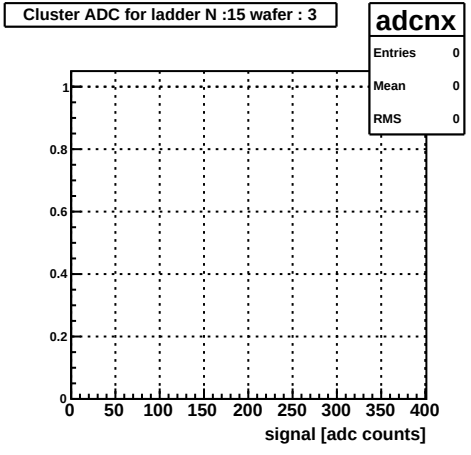

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

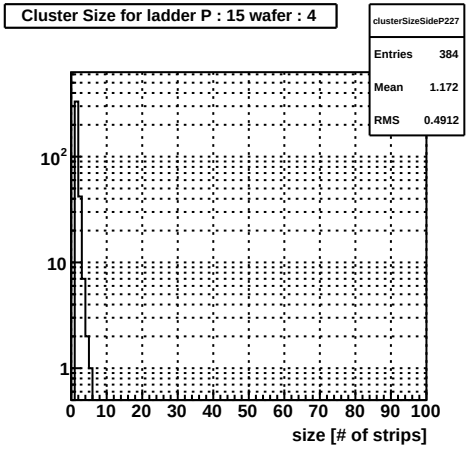

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1602
Mean 1.104
RMS 0.4216
size [# of strips]

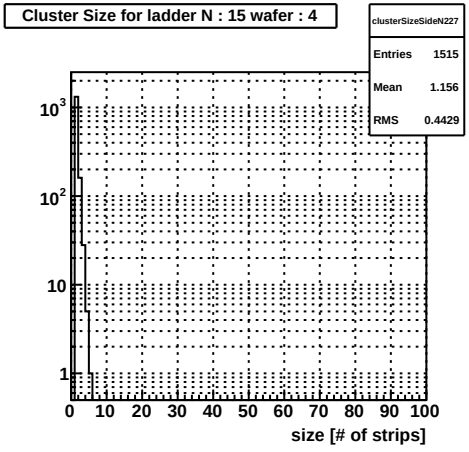

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

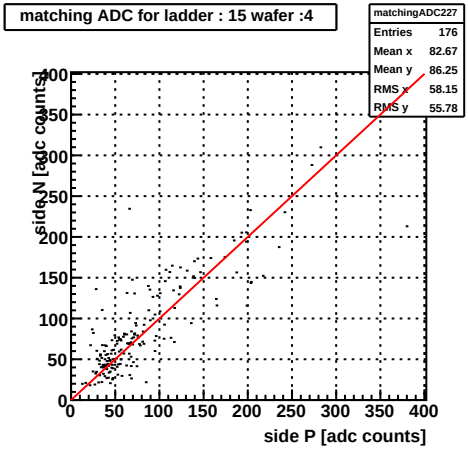

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

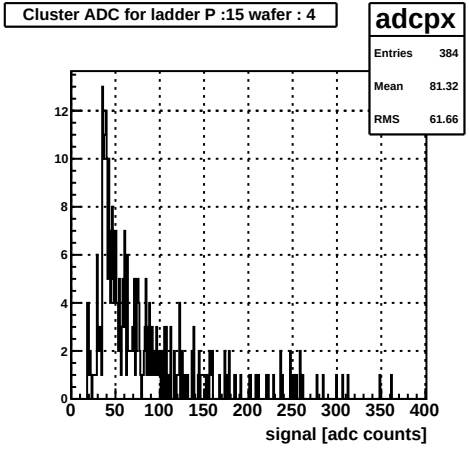

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1602
Mean 37.95
RMS 44.78
signal [adc counts]

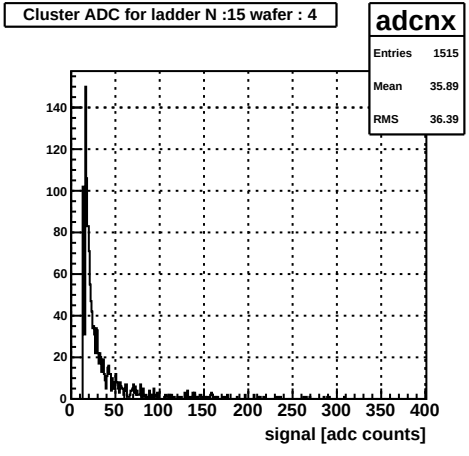

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

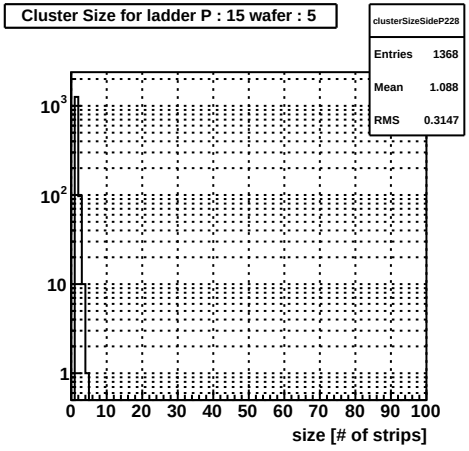

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 384
Mean 1.172
RMS 0.4912
size [# of strips]

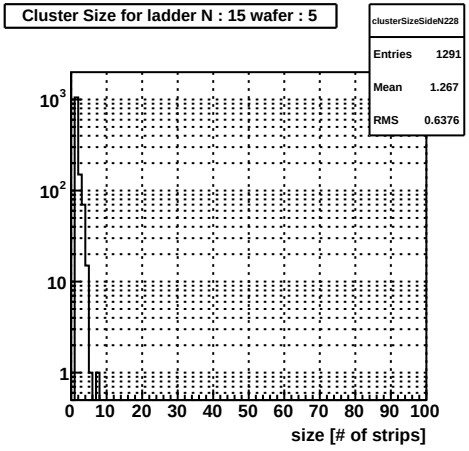

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1515
Mean 1.156
RMS 0.4429
size [# of strips]

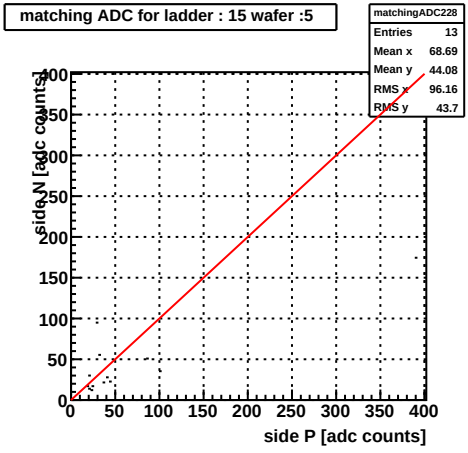

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 176
Mean x 82.67
Mean y 86.25
RMS x 58.15
RMS y 55.78
side N [adc counts]
side P [adc counts]

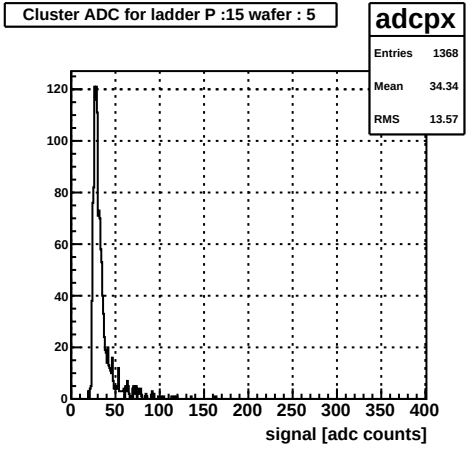

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 384
Mean 81.32
RMS 61.66
signal [adc counts]

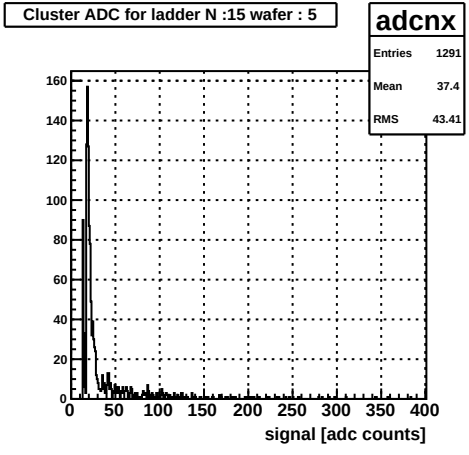

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1515
Mean 35.89
RMS 36.39
signal [adc counts]

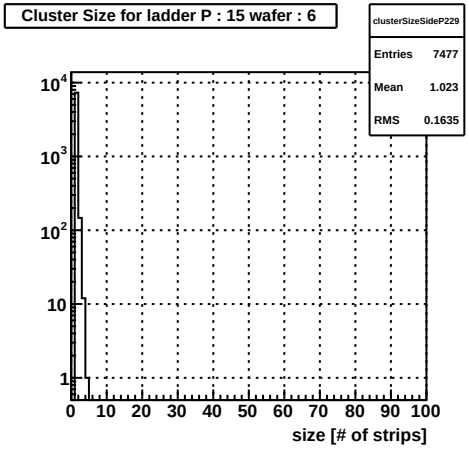

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1368
Mean 1.088
RMS 0.3147
size [# of strips]

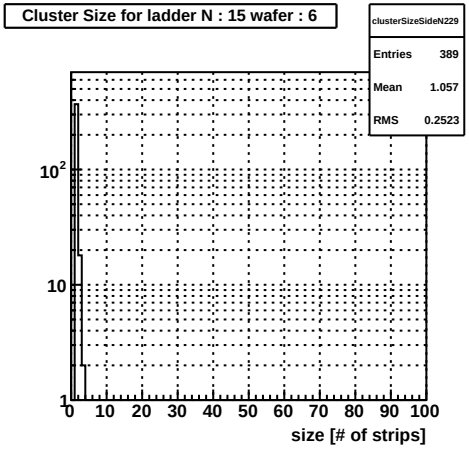

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1291
Mean 1.267
RMS 0.6376
size [# of strips]

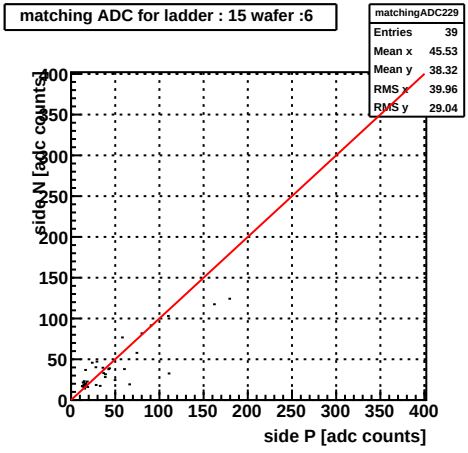

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 13
Mean x 68.69
Mean y 44.08
RMS x 96.16
RMS y 43.7
side N [adc counts]
side P [adc counts]

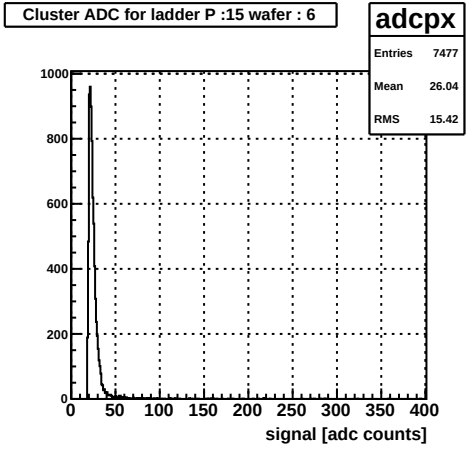

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1368
Mean 34.34
RMS 13.57
signal [adc counts]

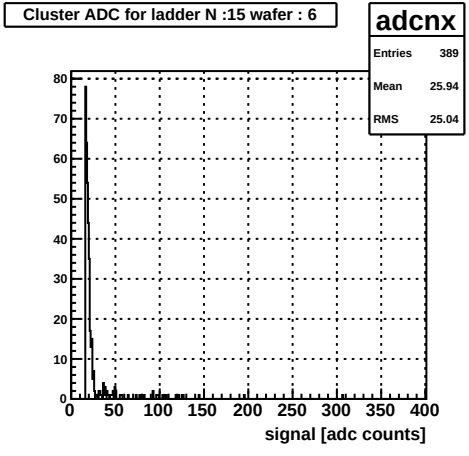

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1291
Mean 37.4
RMS 43.41
signal [adc counts]

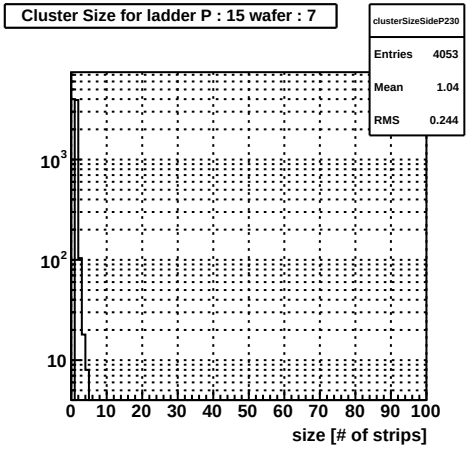

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7477
Mean 1.023
RMS 0.1635
size [# of strips]

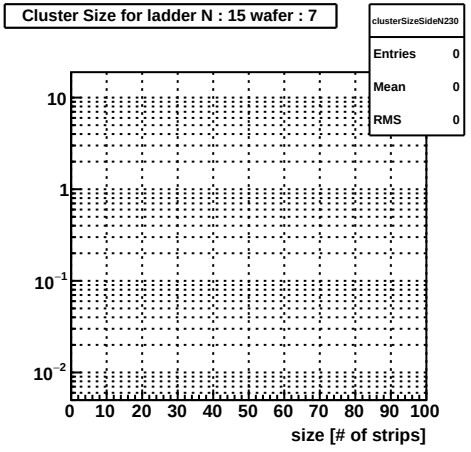

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 389
Mean 1.057
RMS 0.2523
size [# of strips]

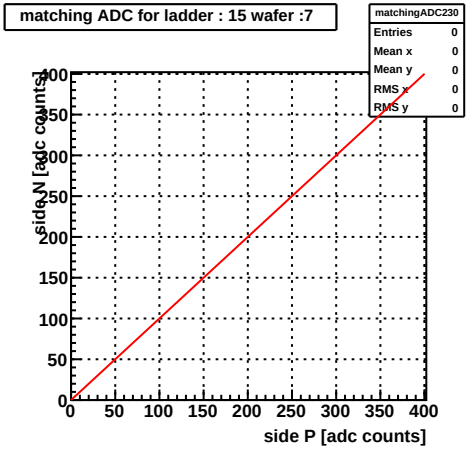

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 39
Mean x 45.53
Mean y 38.32
RMS x 39.96
RMS y 29.04
side N [adc counts]
side P [adc counts]

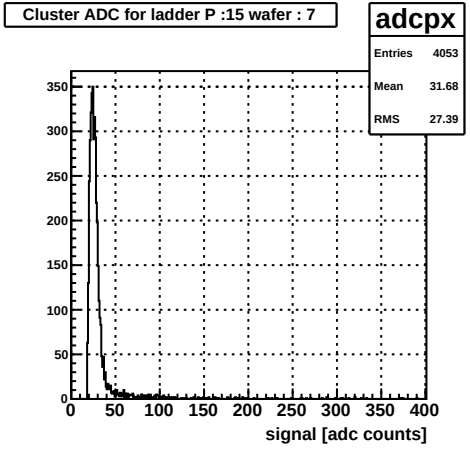

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7477
Mean 26.04
RMS 15.42
signal [adc counts]

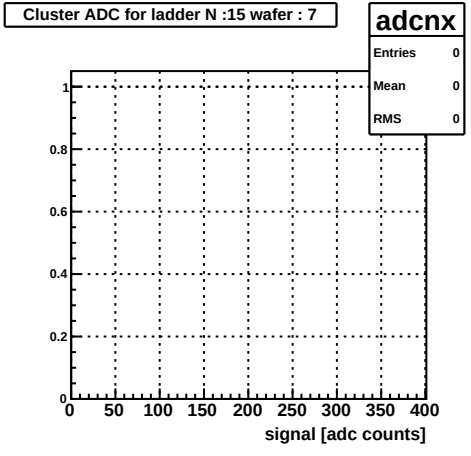

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 389
Mean 25.94
RMS 25.04
signal [adc counts]

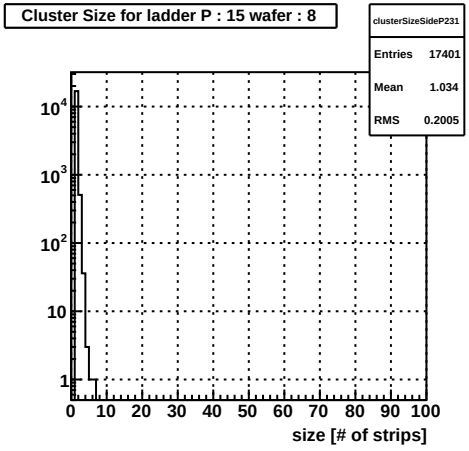

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4053
Mean 1.04
RMS 0.244
size [# of strips]

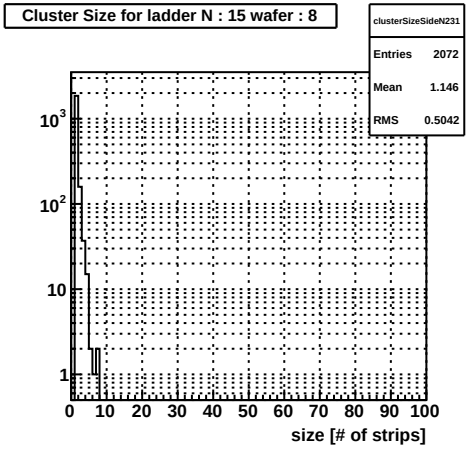

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

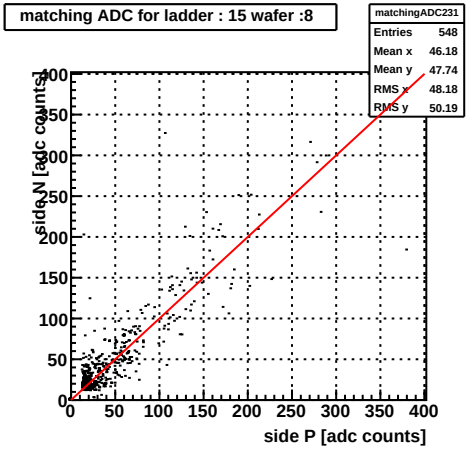

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

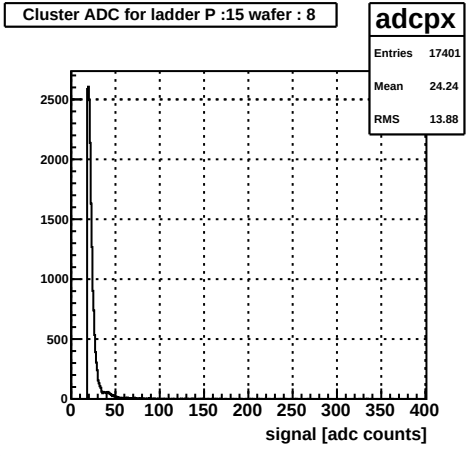

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4053
Mean 31.68
RMS 27.39
signal [adc counts]

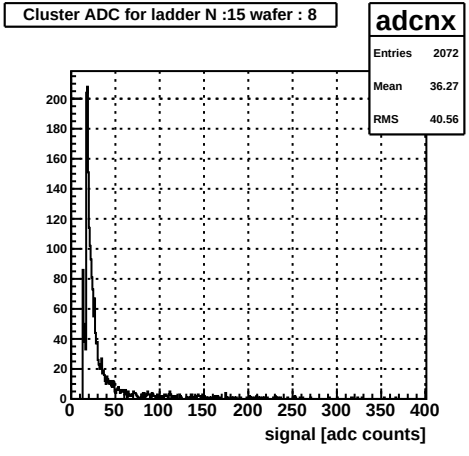

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

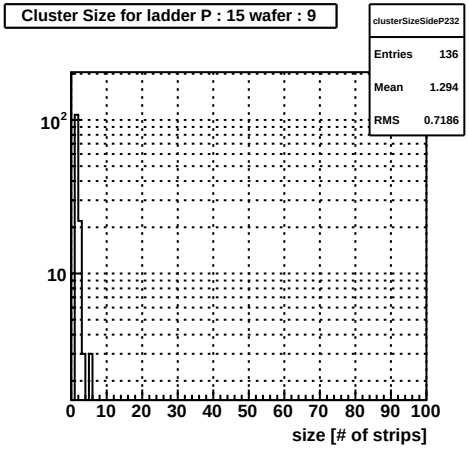

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 17401
Mean 1.034
RMS 0.2005
size [# of strips]

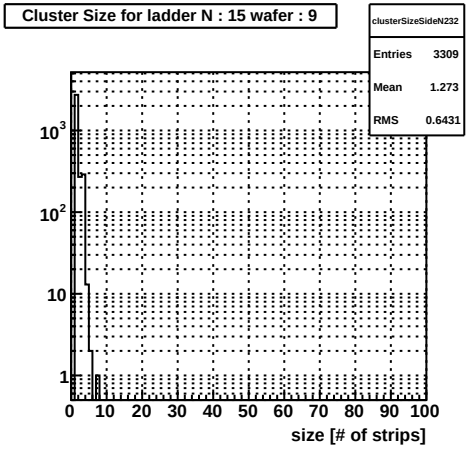

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2072
Mean 1.146
RMS 0.5042
size [# of strips]

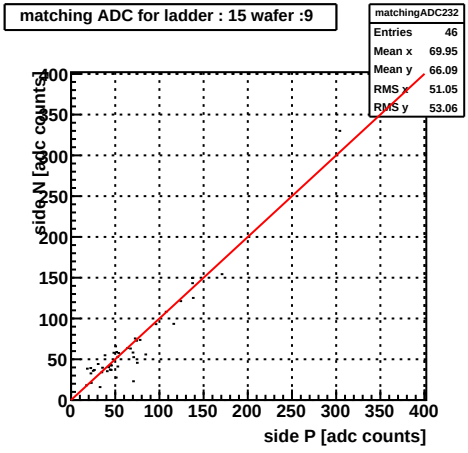

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 548
Mean x 46.18
Mean y 47.74
RMS x 48.18
RMS y 50.19
side N [adc counts]
side P [adc counts]

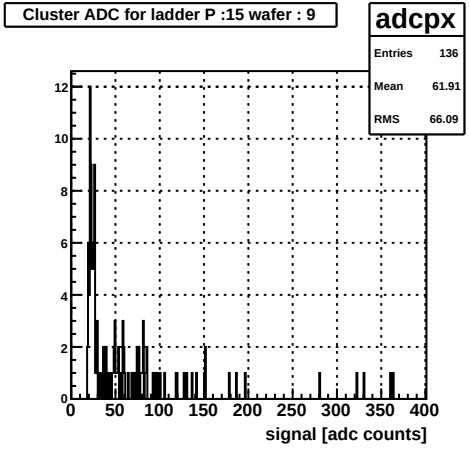

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 17401
Mean 24.24
RMS 13.88
signal [adc counts]

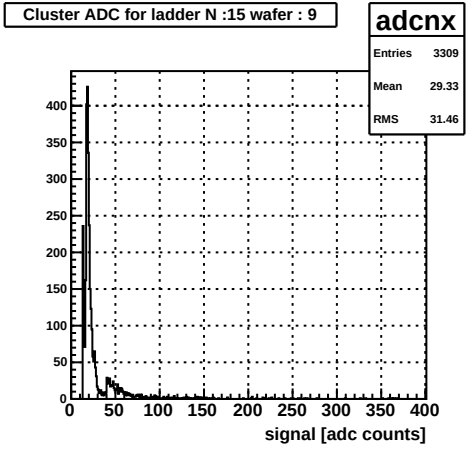

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2072
Mean 36.27
RMS 40.56
signal [adc counts]

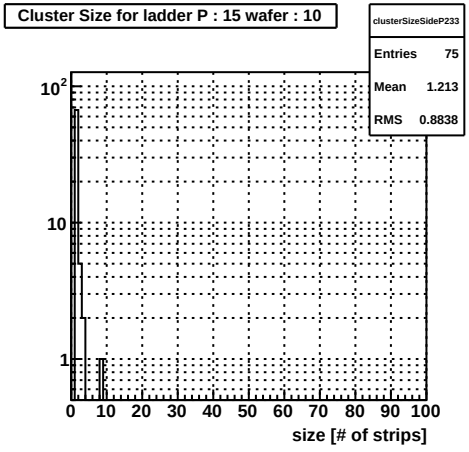

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 136
Mean 1.294
RMS 0.7186
size [# of strips]

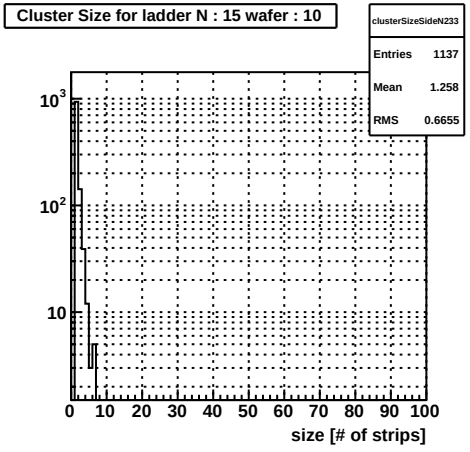

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3309
Mean 1.273
RMS 0.6431
size [# of strips]

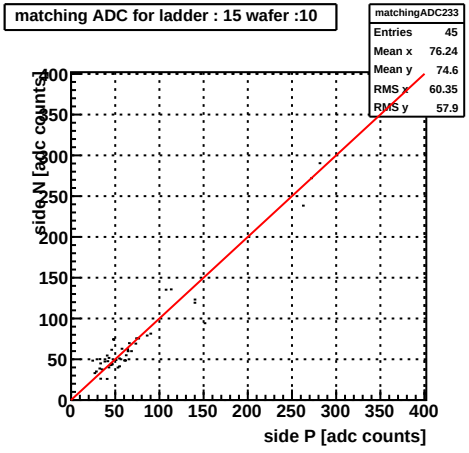

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 46
Mean x 69.95
Mean y 66.09
RMS x 51.05
RMS y 53.06
side N [adc counts]
side P [adc counts]

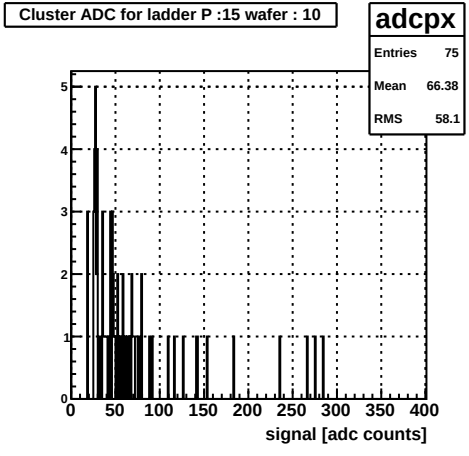

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 136
Mean 61.91
RMS 66.09
signal [adc counts]

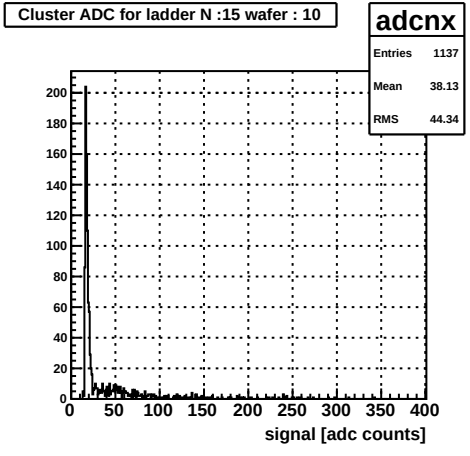

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3309
Mean 29.33
RMS 31.46
signal [adc counts]

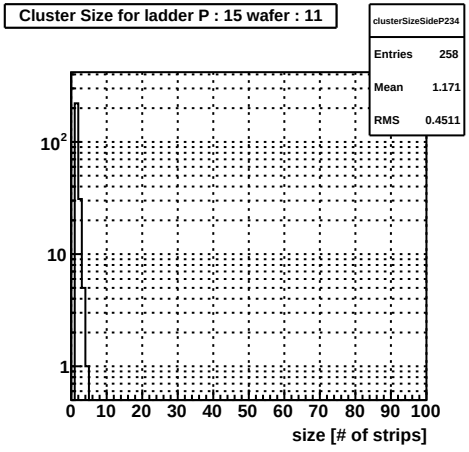

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 75
Mean 1.213
RMS 0.8838
size [# of strips]

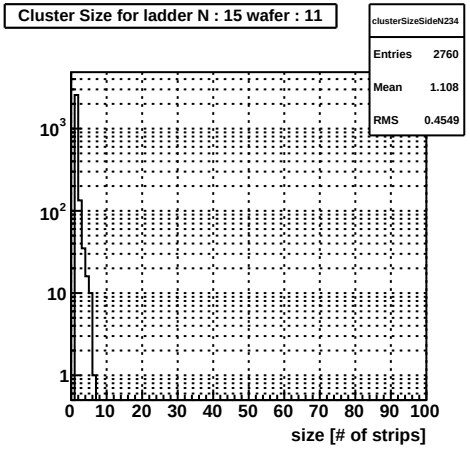

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1137
Mean 1.258
RMS 0.6655
size [# of strips]

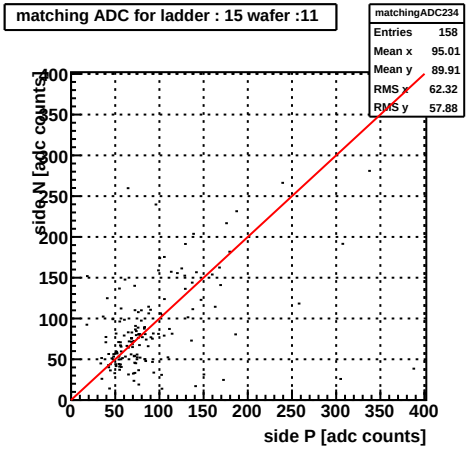

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 45
Mean x 76.24
Mean y 74.6
RMS x 60.35
RMS y 57.9
side N [adc counts]
side P [adc counts]

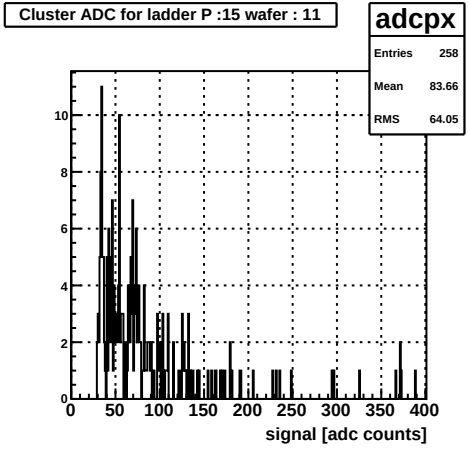

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 75
Mean 66.38
RMS 58.1
signal [adc counts]

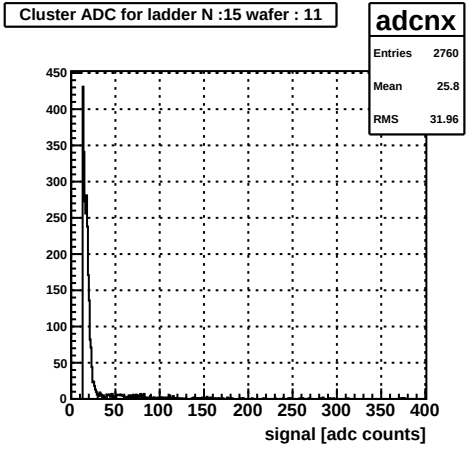

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1137
Mean 38.13
RMS 44.34
signal [adc counts]

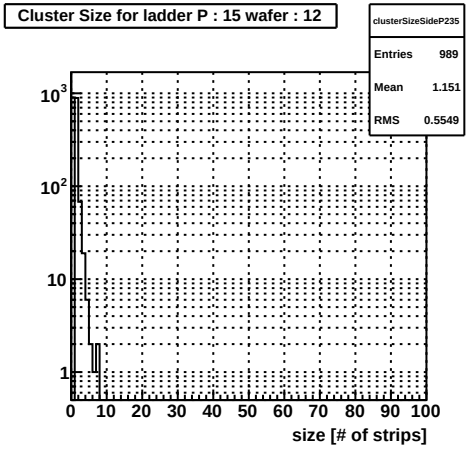

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 258
Mean 1.171
RMS 0.4511
size [# of strips]

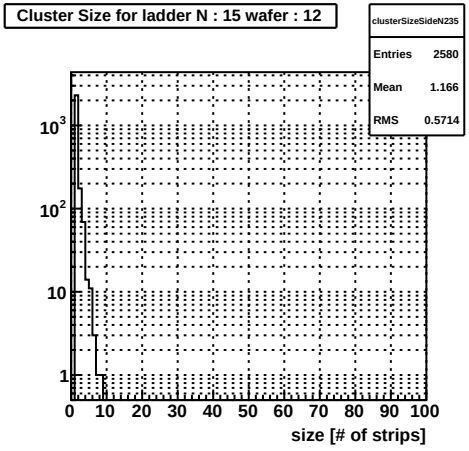

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2760
Mean 1.108
RMS 0.4549
size [# of strips]

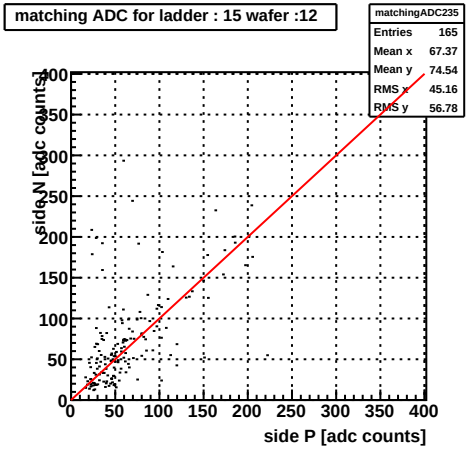

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 158
Mean x 95.01
Mean y 89.91
RMS x 62.32
RMS y 57.88
side N [adc counts]
side P [adc counts]

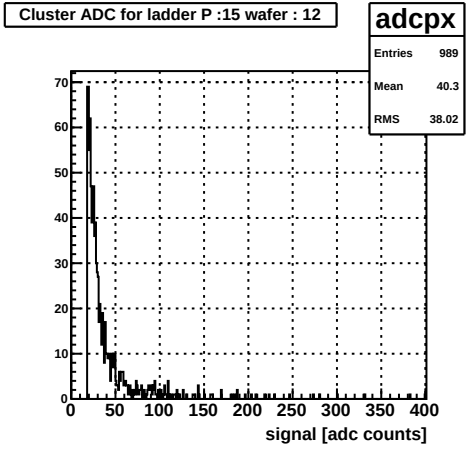

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 258
Mean 83.66
RMS 64.05
signal [adc counts]

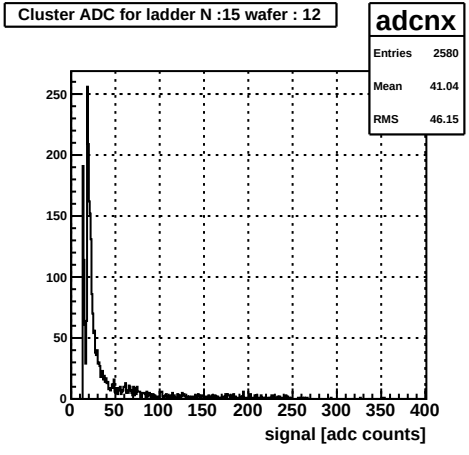

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2760
Mean 25.8
RMS 31.96
signal [adc counts]

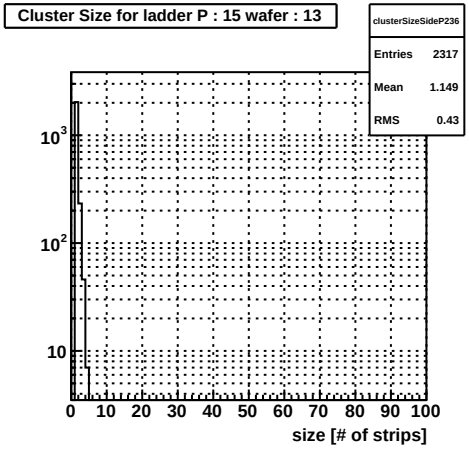

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 989
Mean 1.151
RMS 0.5549
size [# of strips]

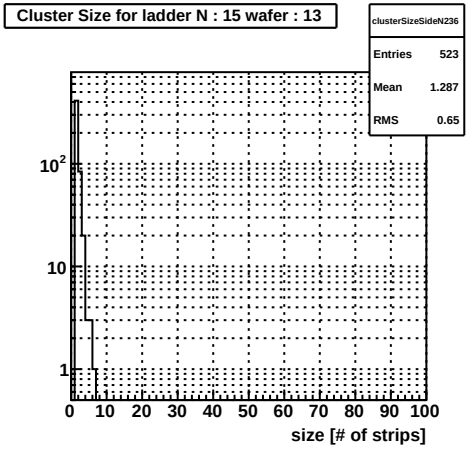

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2580
Mean 1.166
RMS 0.5714
size [# of strips]

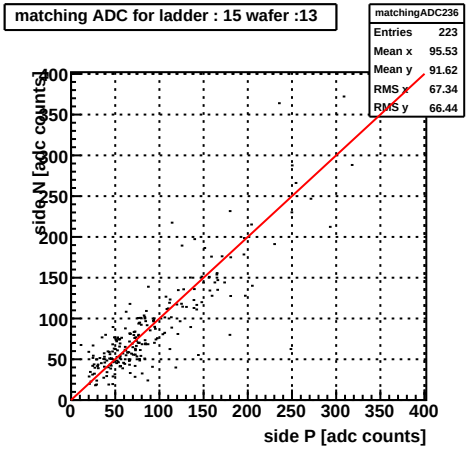

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 165
Mean x 67.37
Mean y 74.54
RMS x 45.16
RMS y 56.78
side N [adc counts]
side P [adc counts]

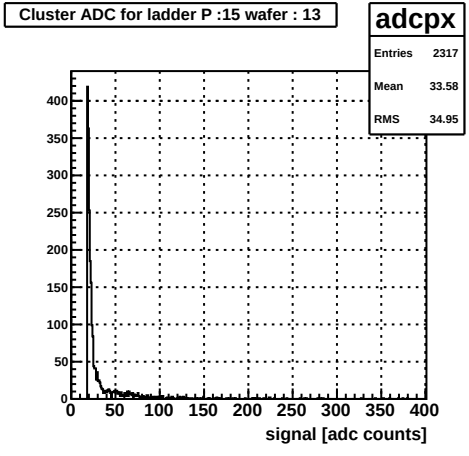

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 989
Mean 40.3
RMS 38.02
signal [adc counts]

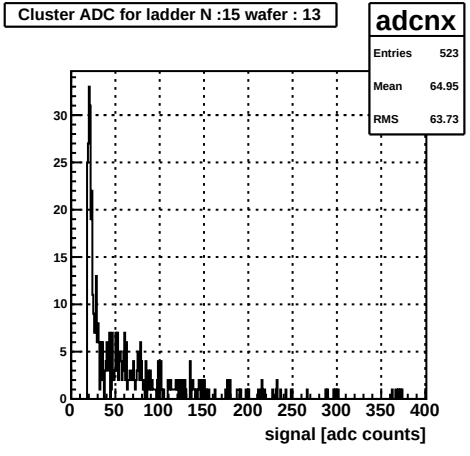

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2580
Mean 41.04
RMS 46.15
signal [adc counts]

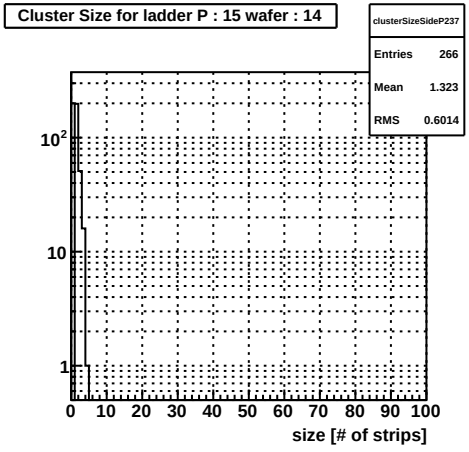

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2317
Mean 1.149
RMS 0.43
size [# of strips]

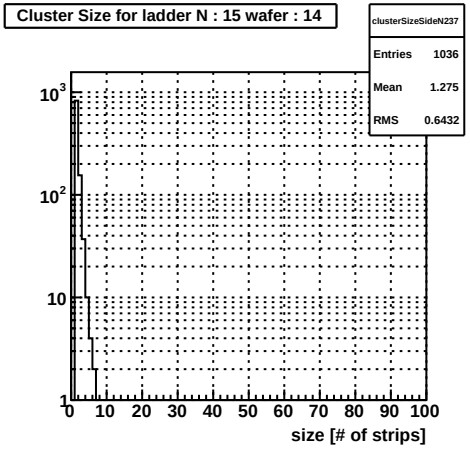

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 523
Mean 1.287
RMS 0.65
size [# of strips]

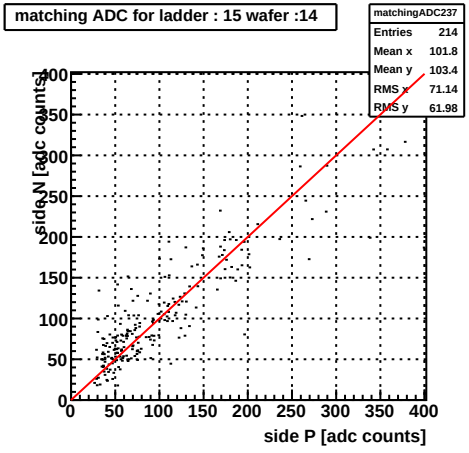

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 223
Mean x 95.53
Mean y 91.62
RMS x 67.34
RMS y 66.44
side N [adc counts]
side P [adc counts]

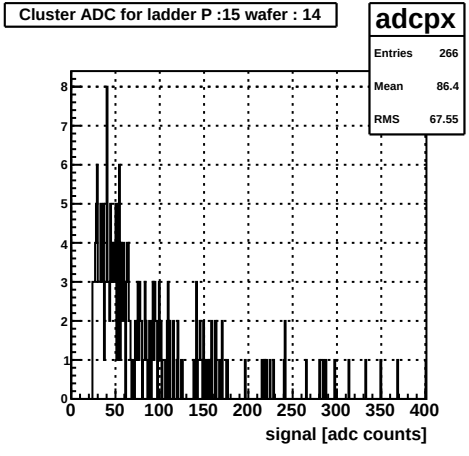

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2317
Mean 33.58
RMS 34.95
signal [adc counts]

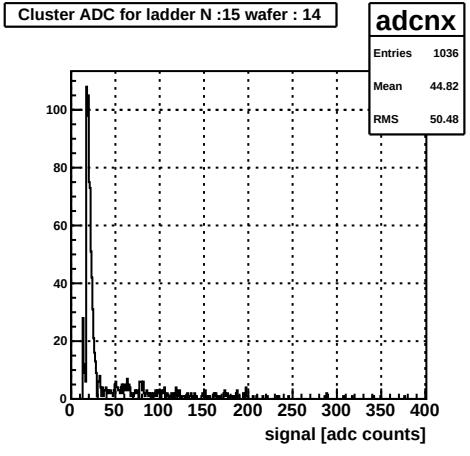

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 523
Mean 64.95
RMS 63.73
signal [adc counts]

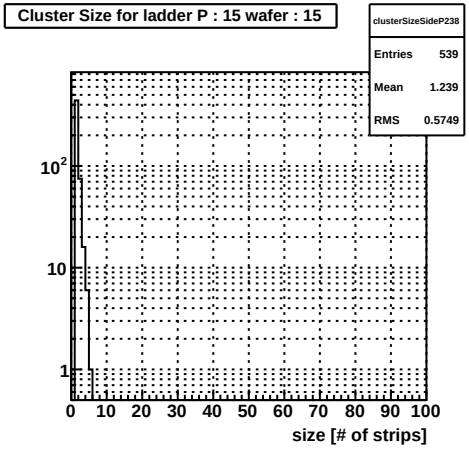

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 266
Mean 1.323
RMS 0.6014
size [# of strips]

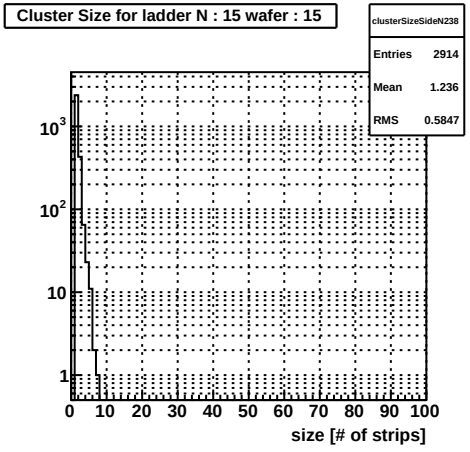

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1036
Mean 1.275
RMS 0.6432
size [# of strips]

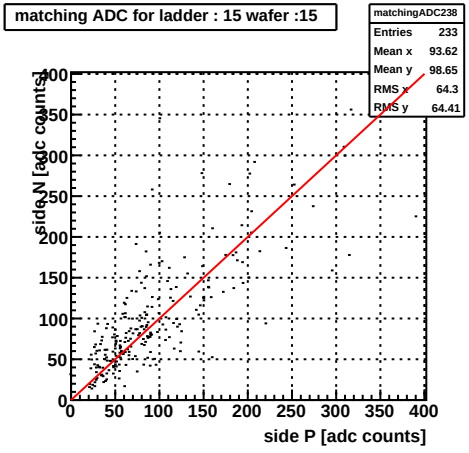

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 214
Mean x 101.8
Mean y 103.4
RMS x 71.14
RMS y 61.98
side N [adc counts]
side P [adc counts]

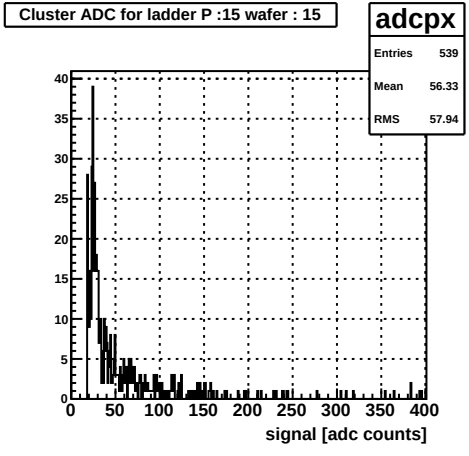

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 266
Mean 86.4
RMS 67.55
signal [adc counts]

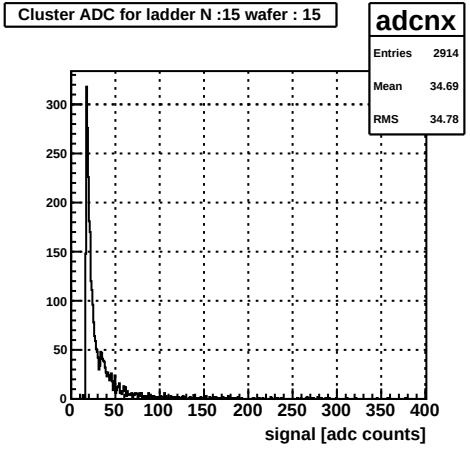

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1036
Mean 44.82
RMS 50.48
signal [adc counts]

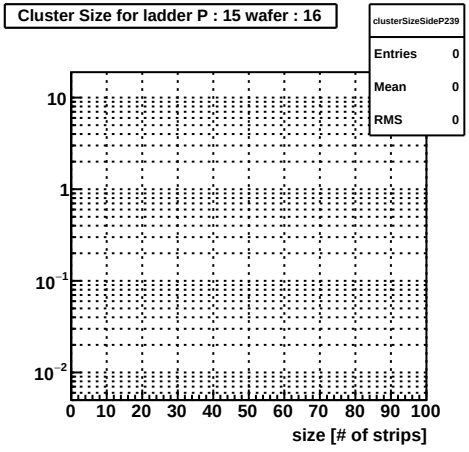

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 539
Mean 1.239
RMS 0.5749
size [# of strips]

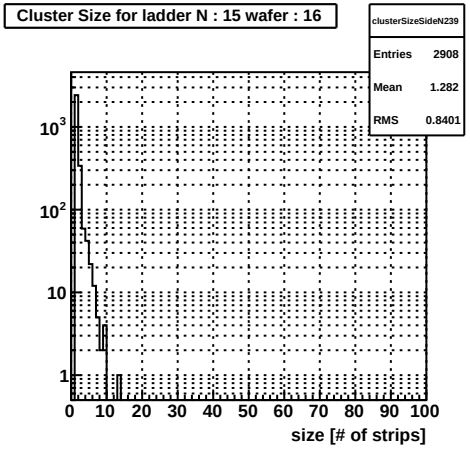

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2914
Mean 1.236
RMS 0.5847
size [# of strips]

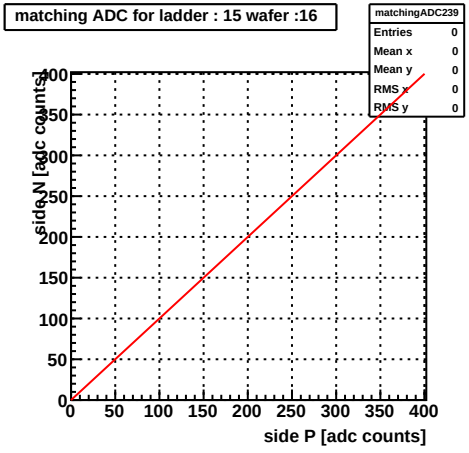

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 233
Mean x 93.62
Mean y 98.65
RMS x 64.3
RMS y 64.41
side N [adc counts]
side P [adc counts]

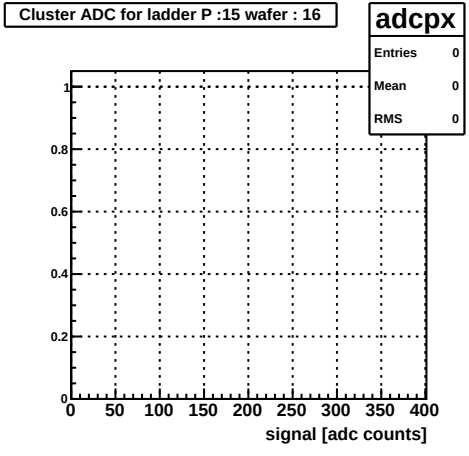

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 539
Mean 56.33
RMS 57.94
signal [adc counts]

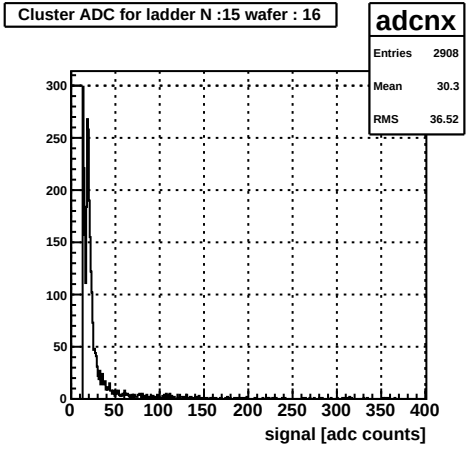

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2914
Mean 34.69
RMS 34.78
signal [adc counts]

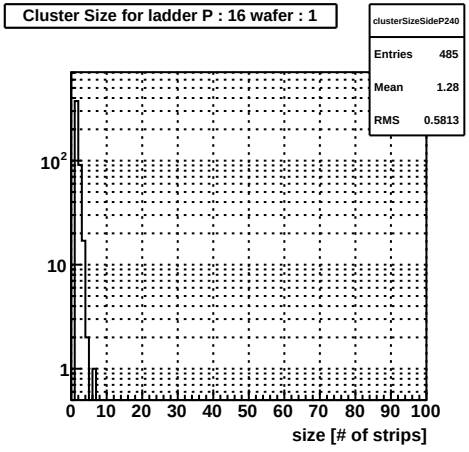

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

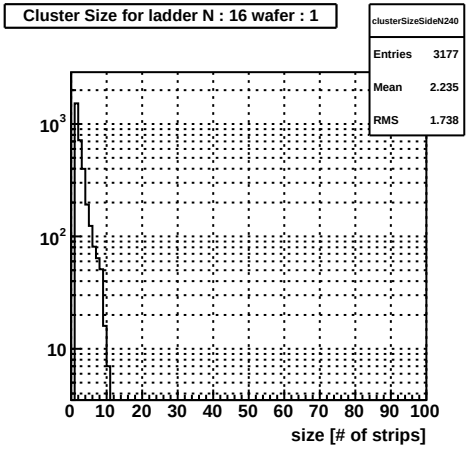

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2908
Mean 1.282
RMS 0.8401
size [# of strips]

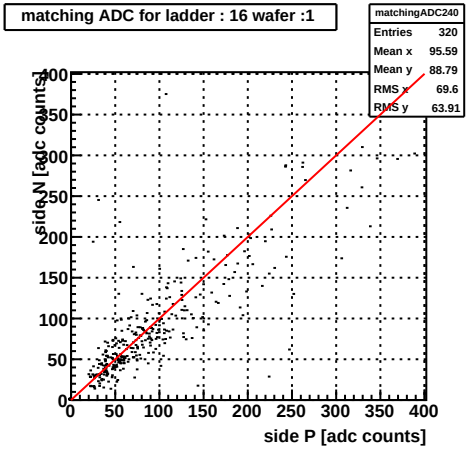

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

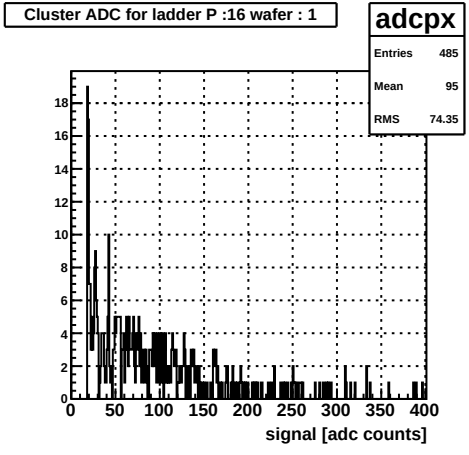

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

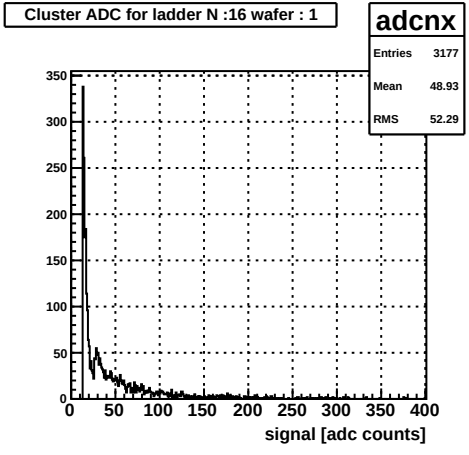

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2908
Mean 30.3
RMS 36.52
signal [adc counts]

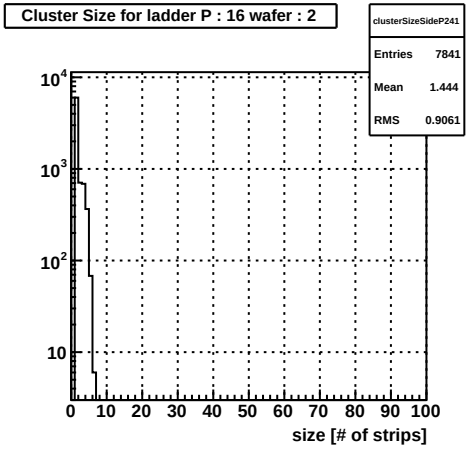

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 485
Mean 1.28
RMS 0.5813
size [# of strips]

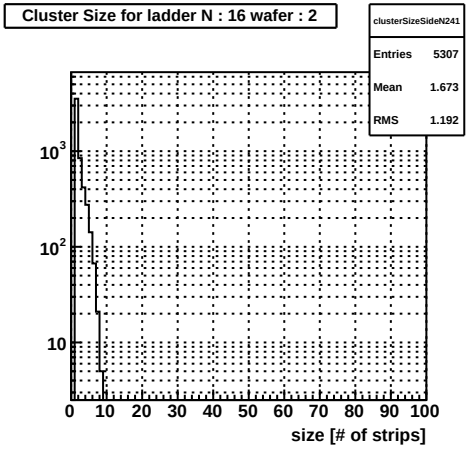

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3177
Mean 2.235
RMS 1.738
size [# of strips]

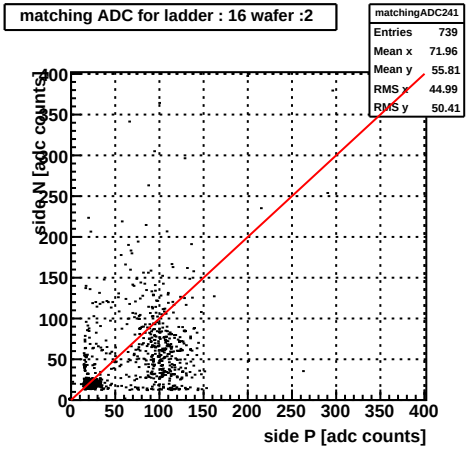

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 320
Mean x 95.59
Mean y 88.79
RMS x 69.6
RMS y 63.91
side N [adc counts]
side P [adc counts]

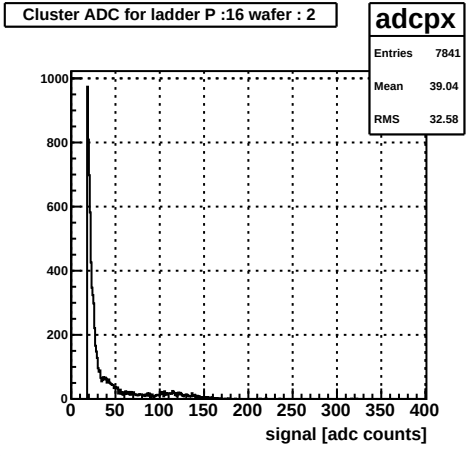

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 485
Mean 95
RMS 74.35
signal [adc counts]

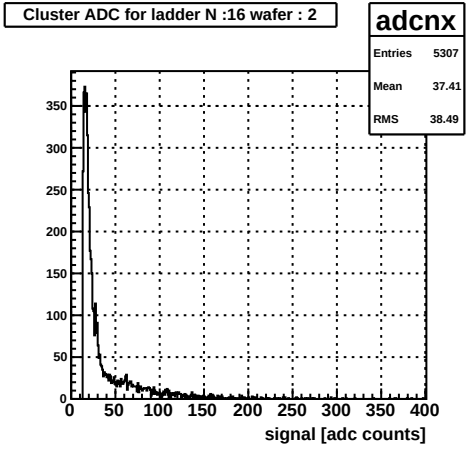

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3177
Mean 48.93
RMS 52.29
signal [adc counts]

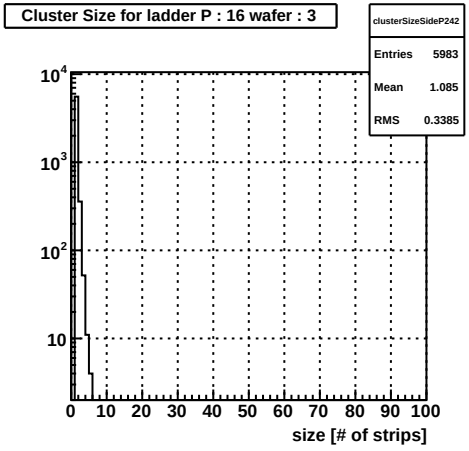

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 7841
Mean 1.444
RMS 0.9061
size [# of strips]

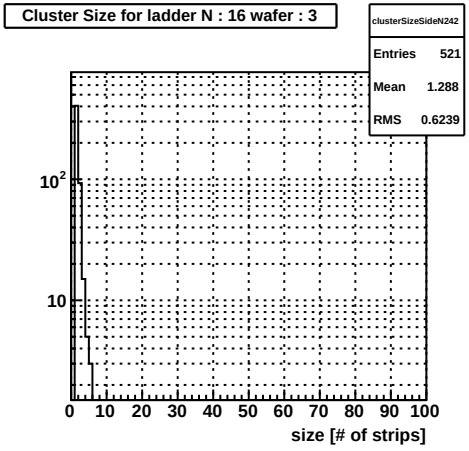

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5307
Mean 1.673
RMS 1.192
size [# of strips]

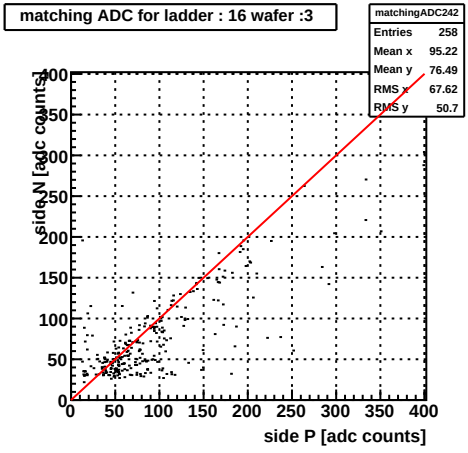

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 739
Mean x 71.96
Mean y 55.81
RMS x 44.99
RMS y 50.41
side N [adc counts]
side P [adc counts]

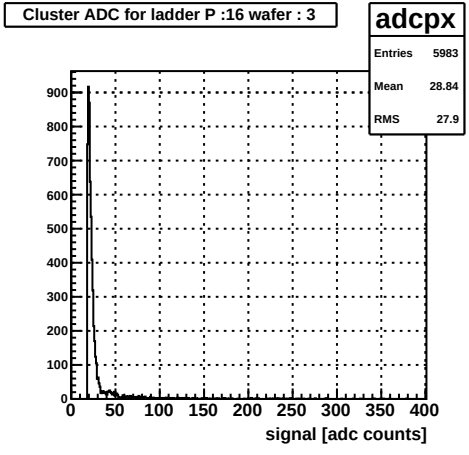

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 7841
Mean 39.04
RMS 32.58
signal [adc counts]

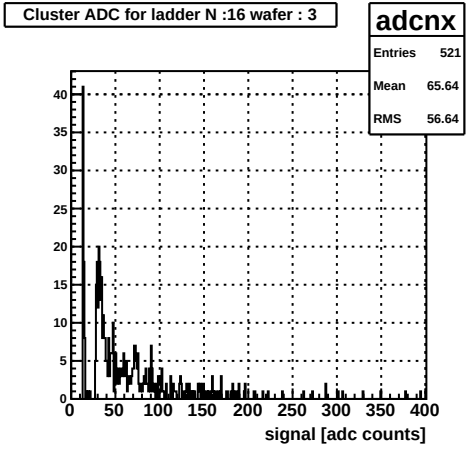

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5307
Mean 37.41
RMS 38.49
signal [adc counts]

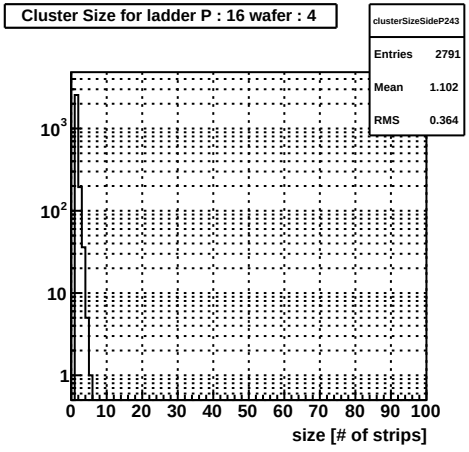

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 5983
Mean 1.085
RMS 0.3385
size [# of strips]

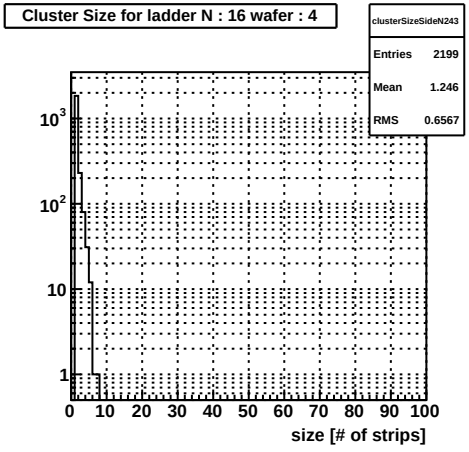

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 521
Mean 1.288
RMS 0.6239
size [# of strips]

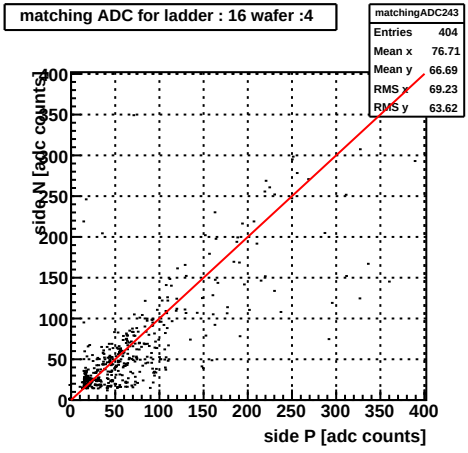

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 258
Mean x 95.22
Mean y 76.49
RMS x 67.62
RMS y 50.7
side N [adc counts]
side P [adc counts]

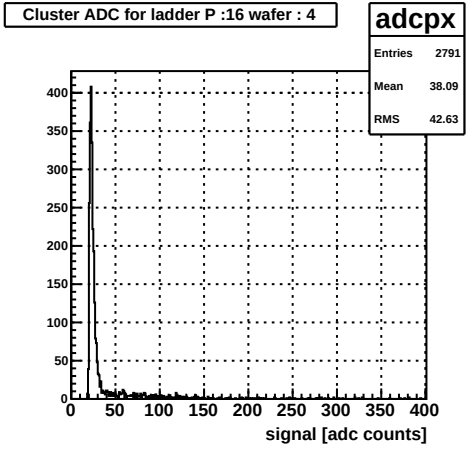

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 5983
Mean 28.84
RMS 27.9
signal [adc counts]

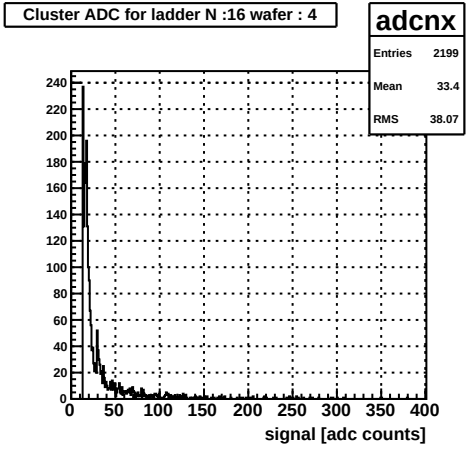

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 521
Mean 65.64
RMS 56.64
signal [adc counts]

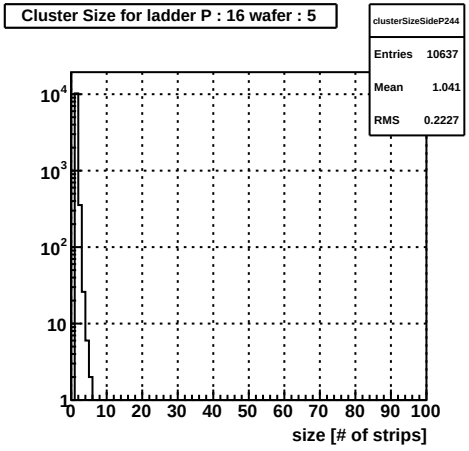

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2791
Mean 1.102
RMS 0.364
size [# of strips]

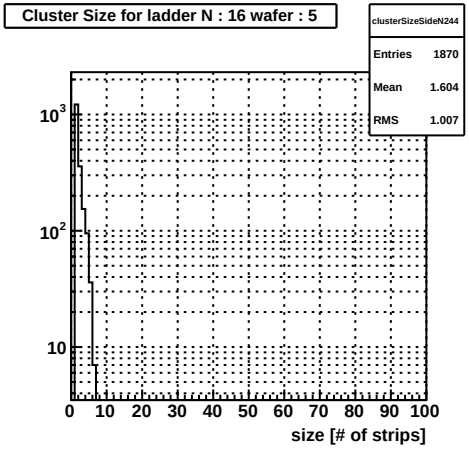

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2199
Mean 1.246
RMS 0.6567
size [# of strips]

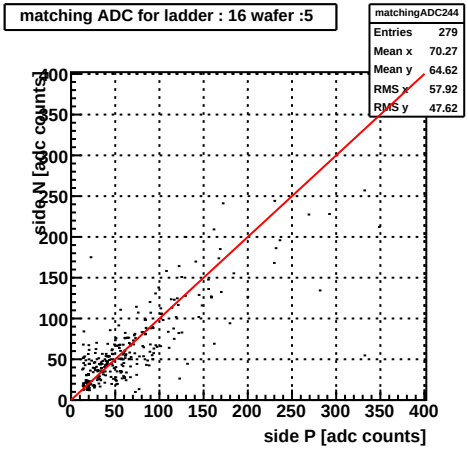

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 404
Mean x 76.71
Mean y 66.69
RMS x 69.23
RMS y 63.62
side N [adc counts]
side P [adc counts]

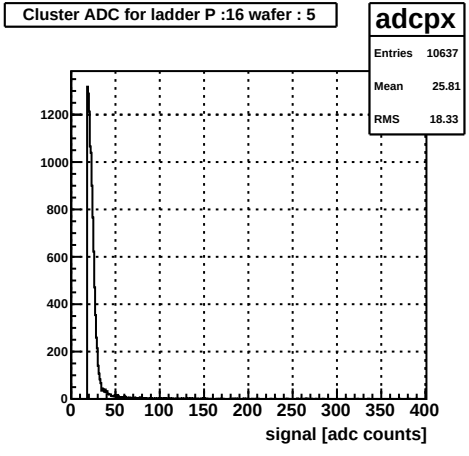

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2791
Mean 38.09
RMS 42.63
signal [adc counts]

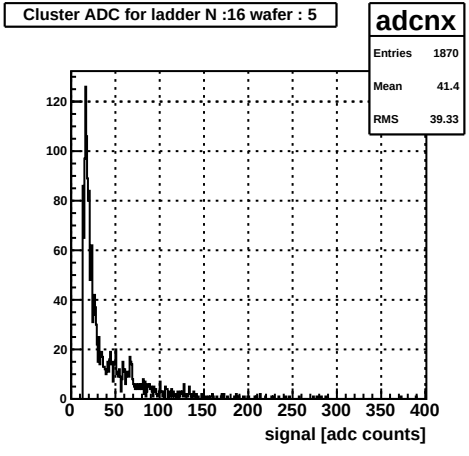

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2199
Mean 33.4
RMS 38.07
signal [adc counts]

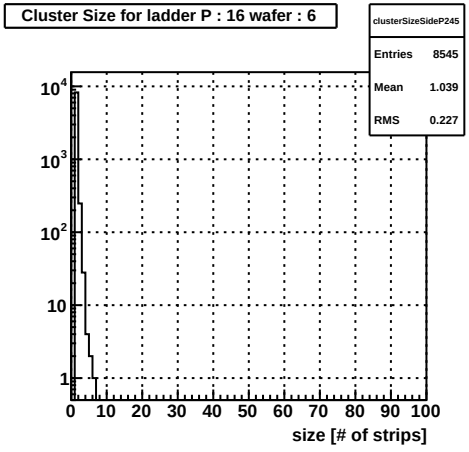

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 10637
Mean 1.041
RMS 0.2227
size [# of strips]

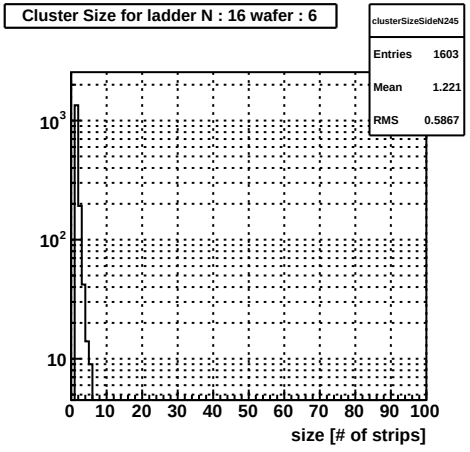

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1870
Mean 1.604
RMS 1.007
size [# of strips]

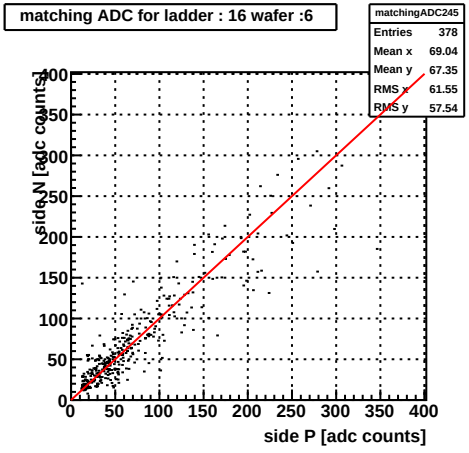

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 279
Mean x 70.27
Mean y 64.62
RMS x 57.92
RMS y 47.62
side N [adc counts]
side P [adc counts]

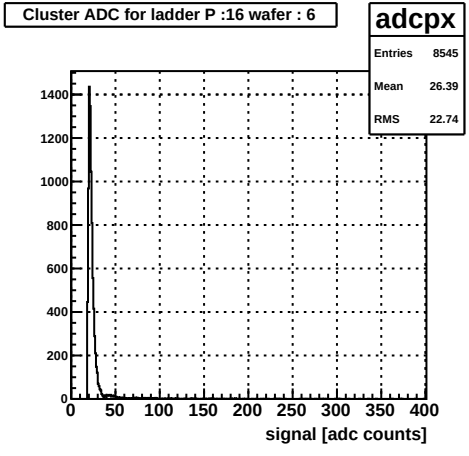

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 10637
Mean 25.81
RMS 18.33
signal [adc counts]

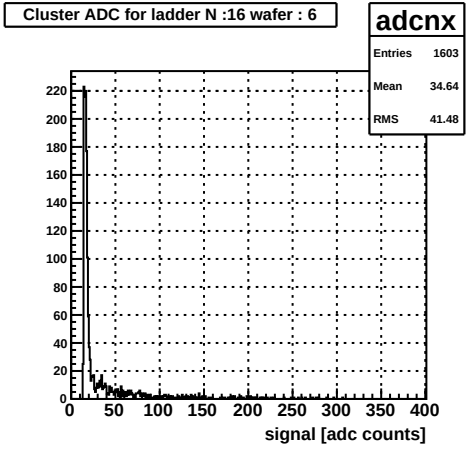

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1870
Mean 41.4
RMS 39.33
signal [adc counts]

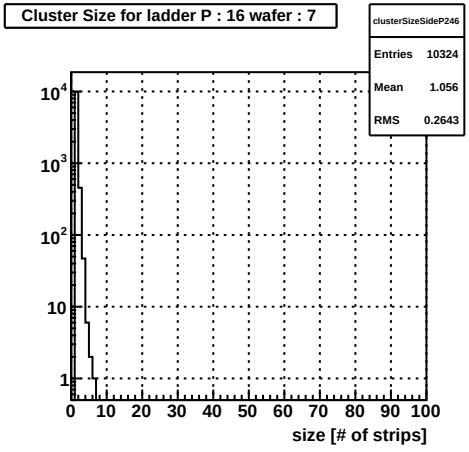

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8545
Mean 1.039
RMS 0.227
size [# of strips]

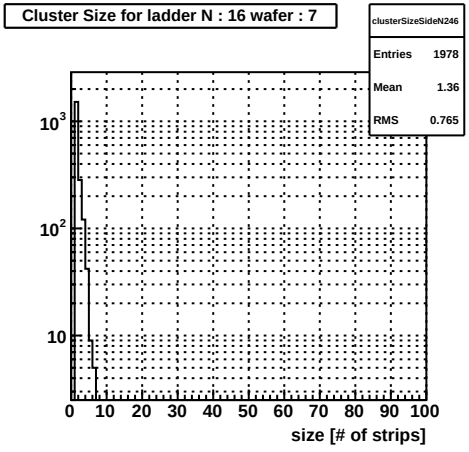

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1603
Mean 1.221
RMS 0.5867
size [# of strips]

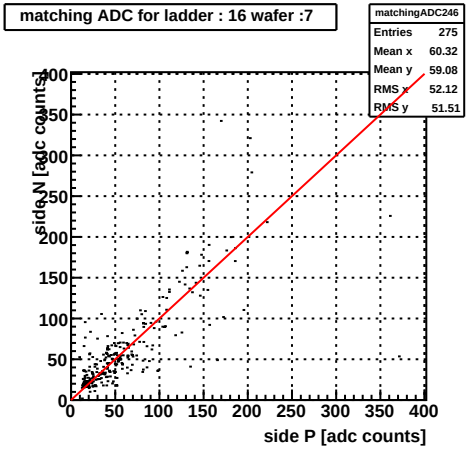

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 378
Mean x 69.04
Mean y 67.35
RMS x 61.55
RMS y 57.54
side N [adc counts]
side P [adc counts]

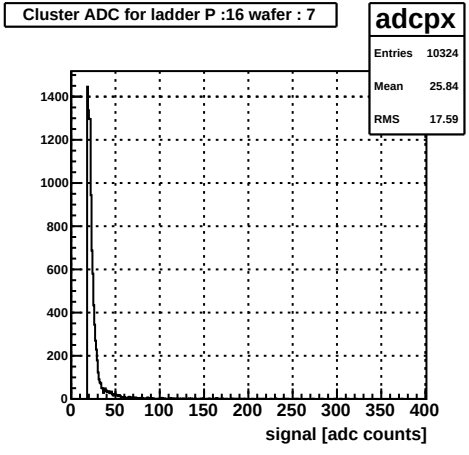

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8545
Mean 26.39
RMS 22.74
signal [adc counts]

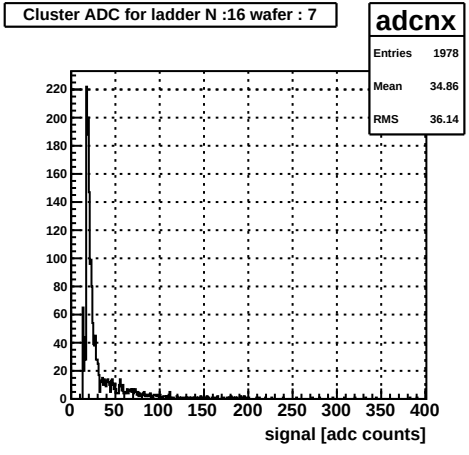

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1603
Mean 34.64
RMS 41.48
signal [adc counts]

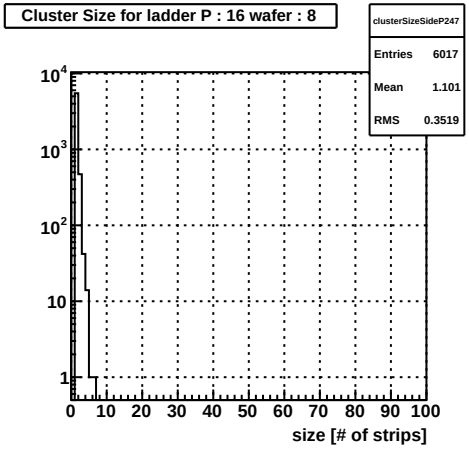

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 10324
Mean 1.056
RMS 0.2643
size [# of strips]

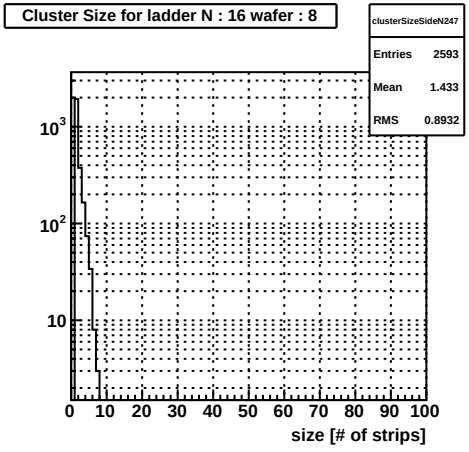

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1978
Mean 1.36
RMS 0.765
size [# of strips]

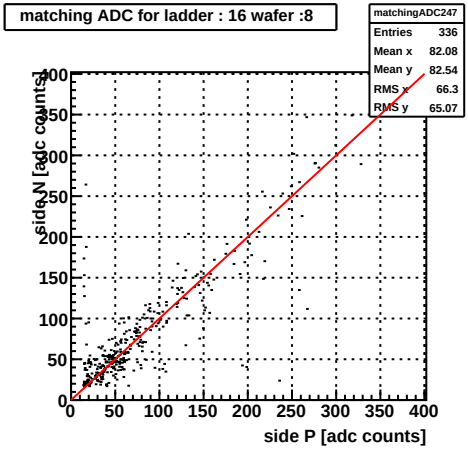

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 275
Mean x 60.32
Mean y 59.08
RMS x 52.12
RMS y 51.51
side N [adc counts]
side P [adc counts]

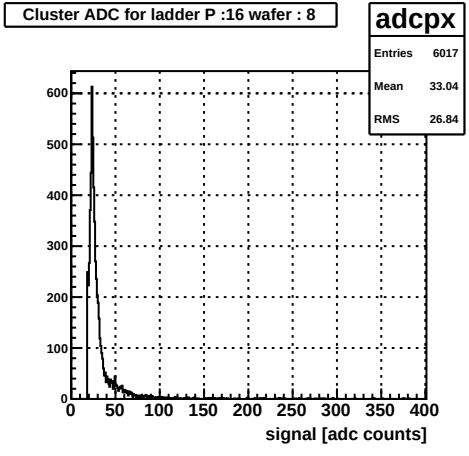

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 10324
Mean 25.84
RMS 17.59
signal [adc counts]

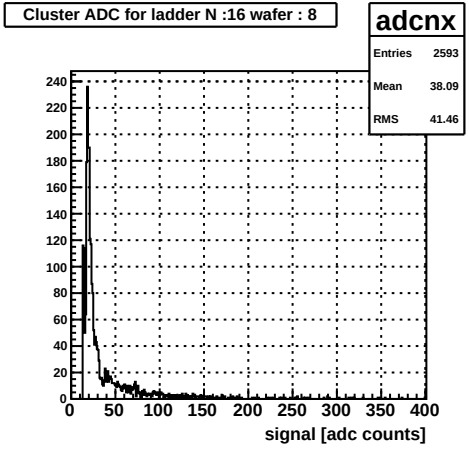

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1978
Mean 34.86
RMS 36.14
signal [adc counts]

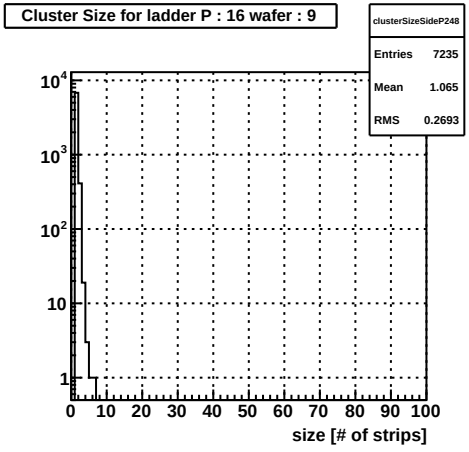

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 6017
Mean 1.101
RMS 0.3519
size [# of strips]

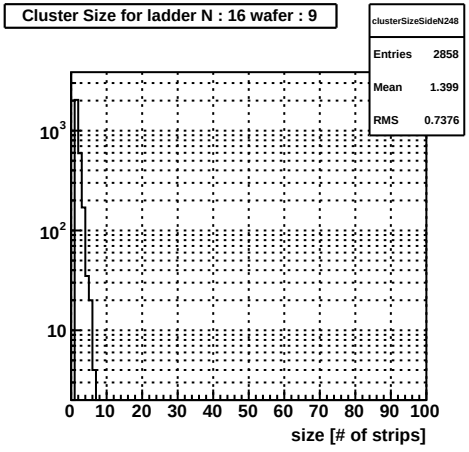

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2593
Mean 1.433
RMS 0.8932
size [# of strips]

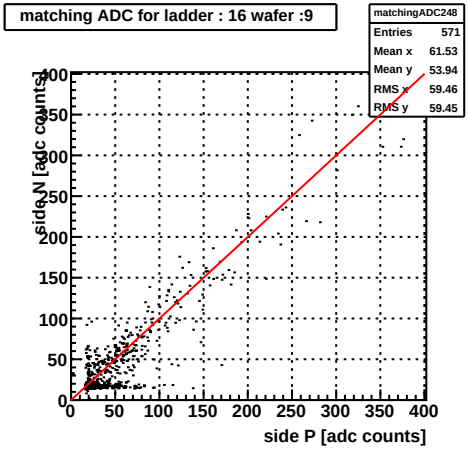

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 336
Mean x 82.08
Mean y 82.54
RMS x 66.3
RMS y 65.07
side N [adc counts]
side P [adc counts]

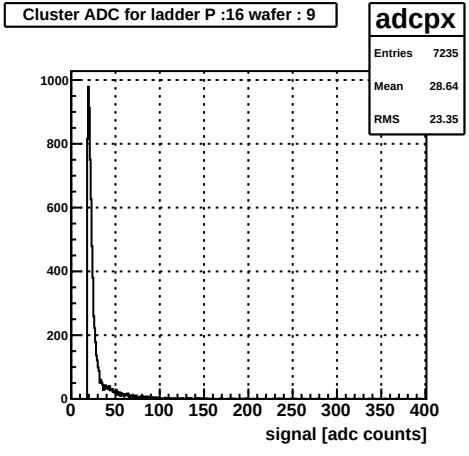

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 6017
Mean 33.04
RMS 26.84
signal [adc counts]

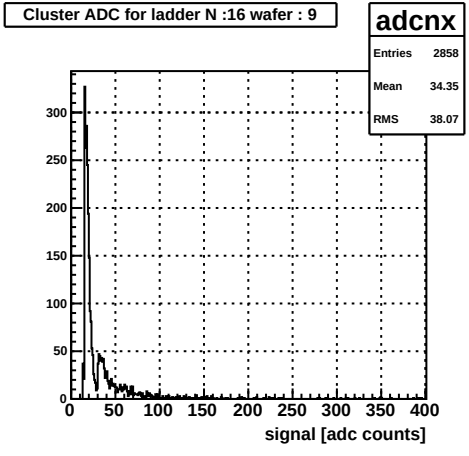

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2593
Mean 38.09
RMS 41.46
signal [adc counts]

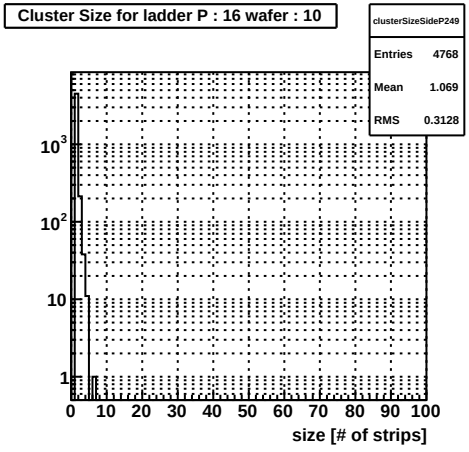

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 7235
Mean 1.065
RMS 0.2693
size [# of strips]

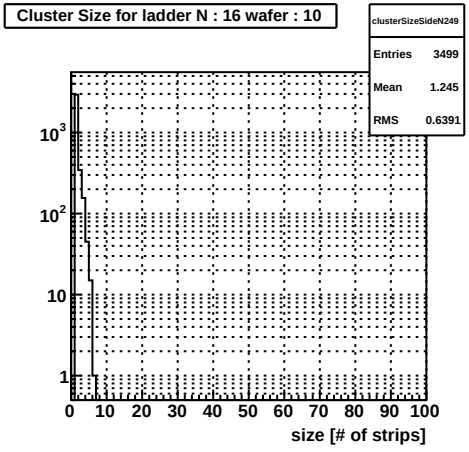

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2858
Mean 1.399
RMS 0.7376
size [# of strips]

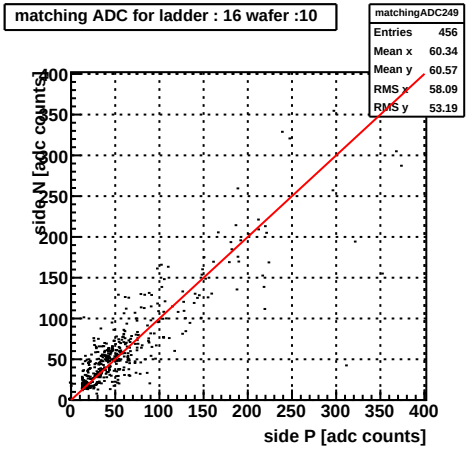

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 571
Mean x 61.53
Mean y 53.94
RMS x 59.46
RMS y 59.45
side N [adc counts]
side P [adc counts]

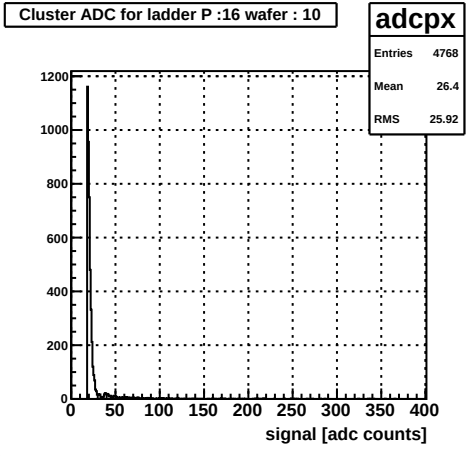

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 7235
Mean 28.64
RMS 23.35
signal [adc counts]

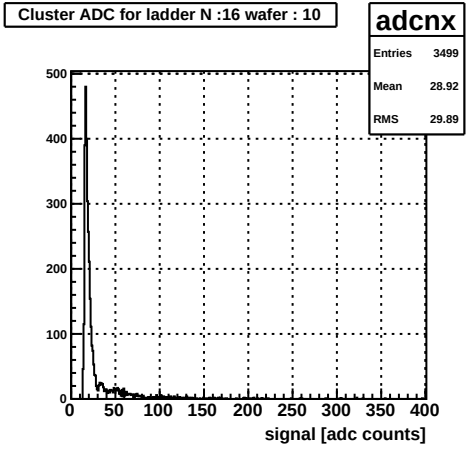

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2858
Mean 34.35
RMS 38.07
signal [adc counts]

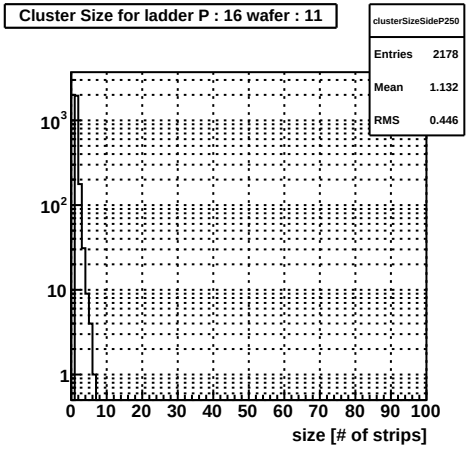

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4768
Mean 1.069
RMS 0.3128
size [# of strips]

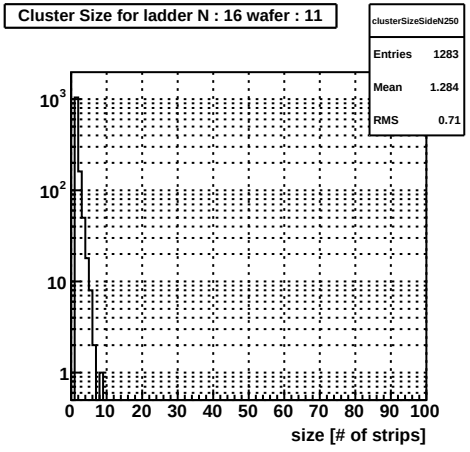

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3499
Mean 1.245
RMS 0.6391
size [# of strips]

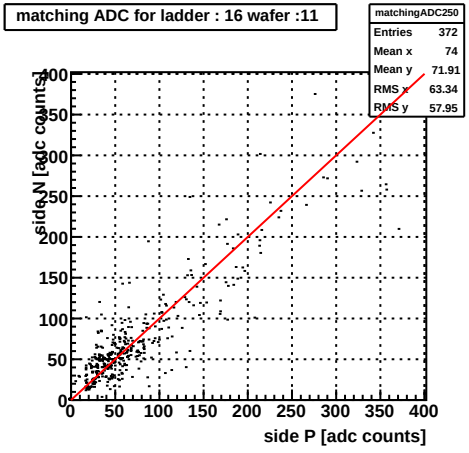

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 456
Mean x 60.34
Mean y 60.57
RMS x 58.09
RMS y 53.19
side N [adc counts]
side P [adc counts]

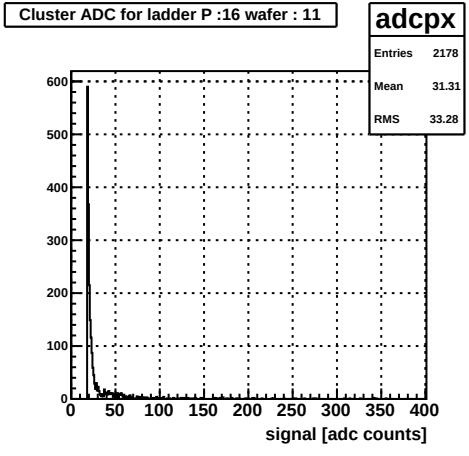

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4768
Mean 26.4
RMS 25.92
signal [adc counts]

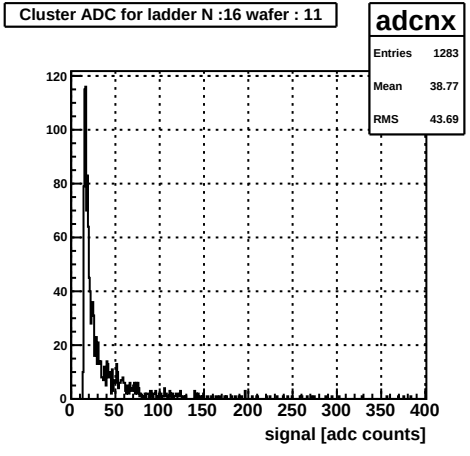

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3499
Mean 28.92
RMS 29.89
signal [adc counts]

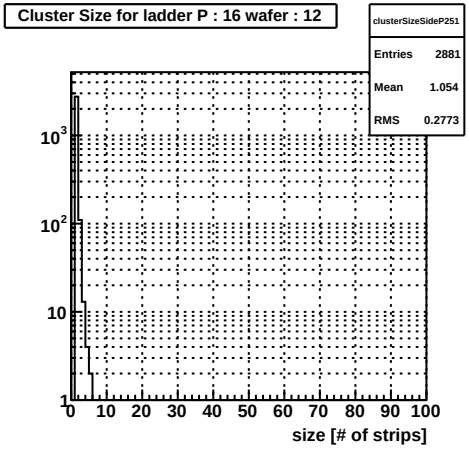

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2178
Mean 1.132
RMS 0.446
size [# of strips]

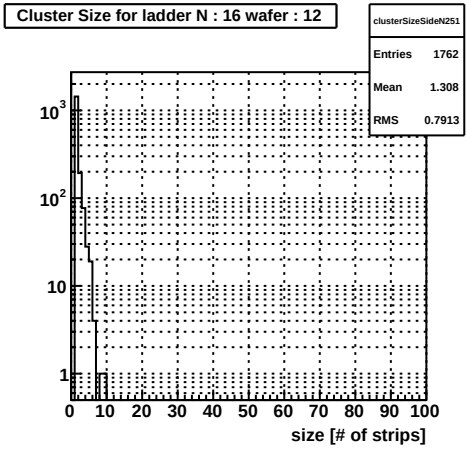

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1283
Mean 1.284
RMS 0.71
size [# of strips]

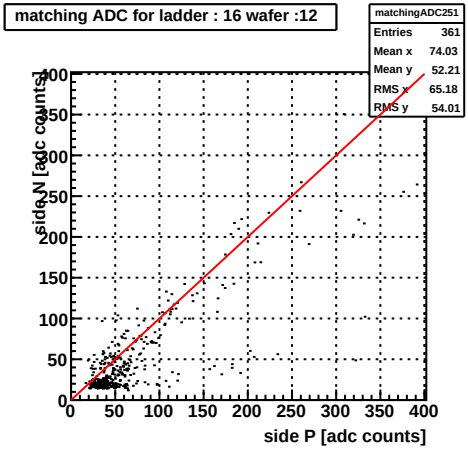

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 372
Mean x 74
Mean y 71.91
RMS x 63.34
RMS y 57.95
side N [adc counts]
side P [adc counts]

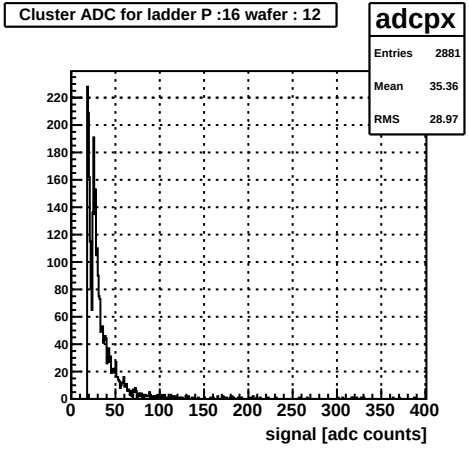

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2178
Mean 31.31
RMS 33.28
signal [adc counts]

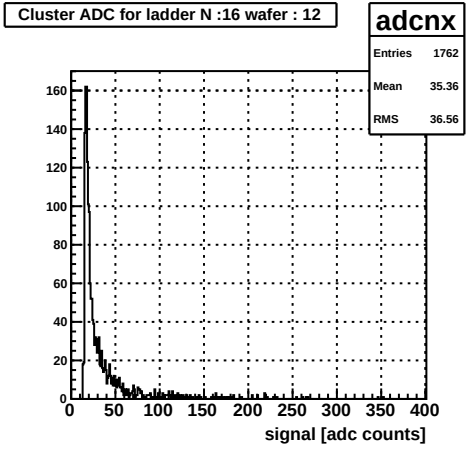

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1283
Mean 38.77
RMS 43.69
signal [adc counts]

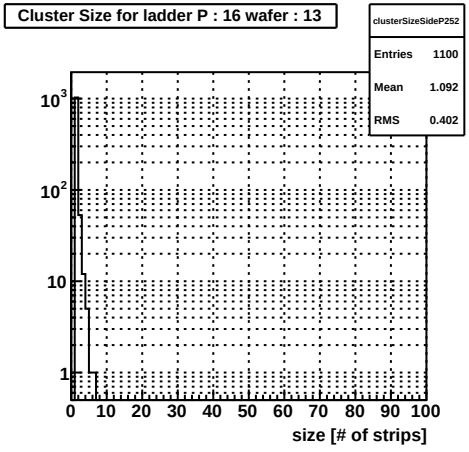

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2881
Mean 1.054
RMS 0.2773
size [# of strips]

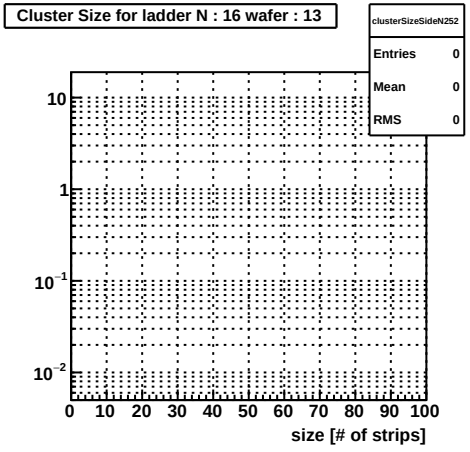

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1762
Mean 1.308
RMS 0.7913
size [# of strips]

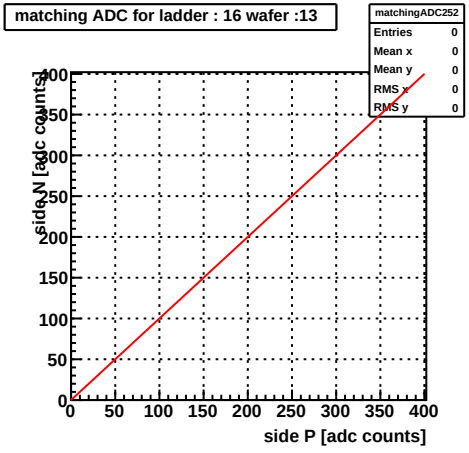

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 361
Mean x 74.03
Mean y 52.21
RMS x 65.18
RMS y 54.01
side N [adc counts]
side P [adc counts]

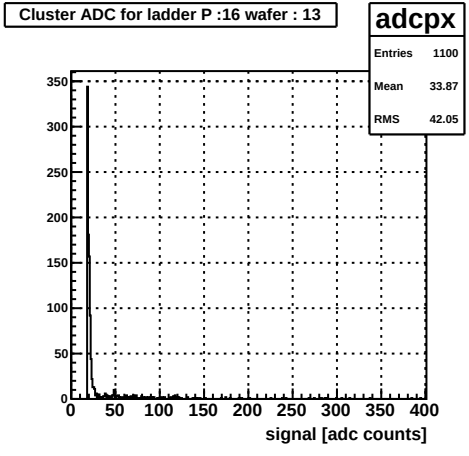

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2881
Mean 35.36
RMS 28.97
signal [adc counts]

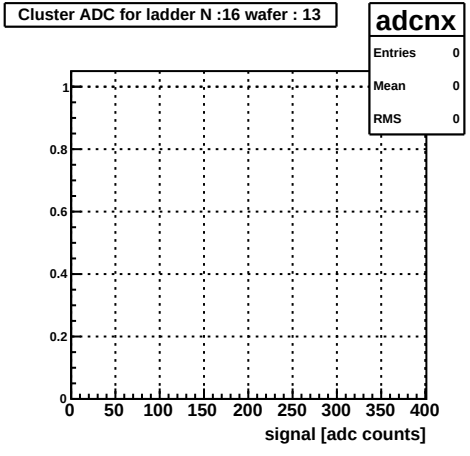

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1762
Mean 35.36
RMS 36.56
signal [adc counts]

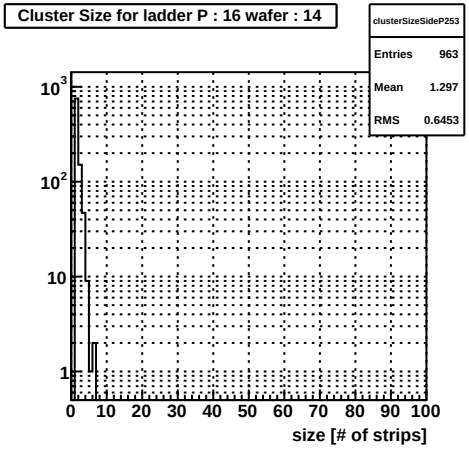

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1100
Mean 1.092
RMS 0.402
size [# of strips]

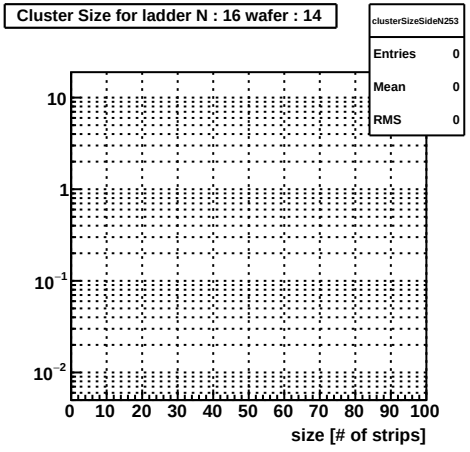

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

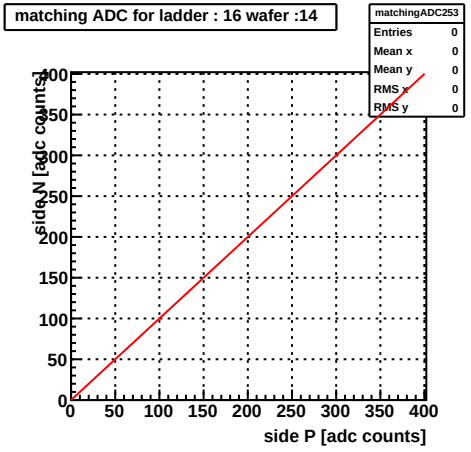

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

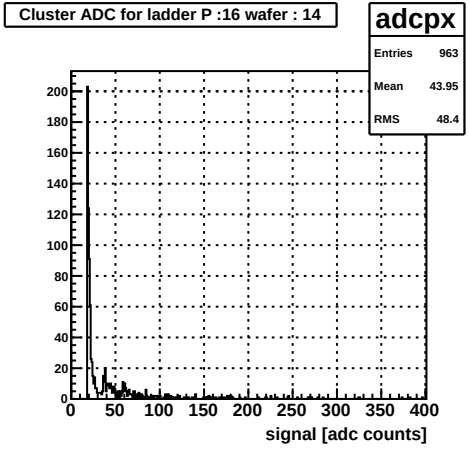

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1100
Mean 33.87
RMS 42.05
signal [adc counts]

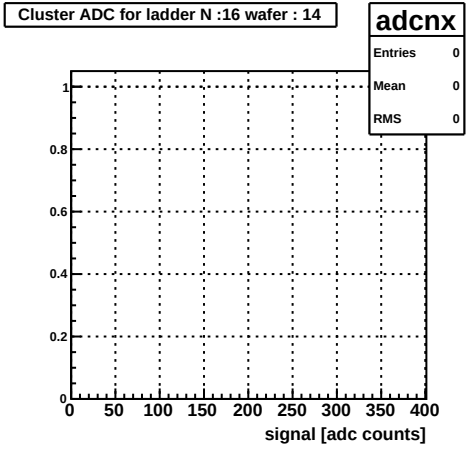

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

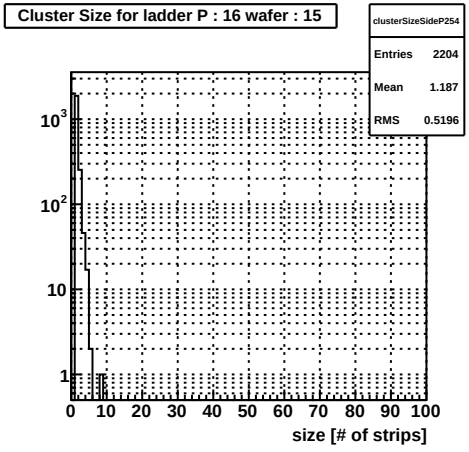

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 963
Mean 1.297
RMS 0.6453
size [# of strips]

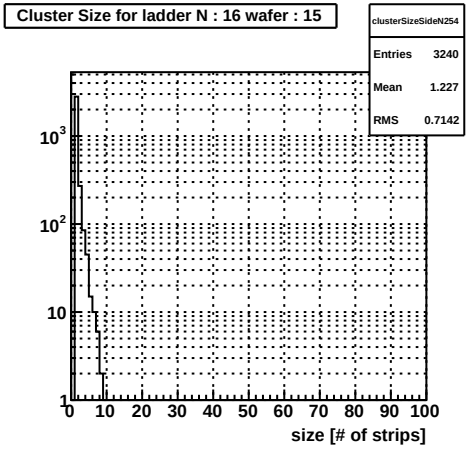

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

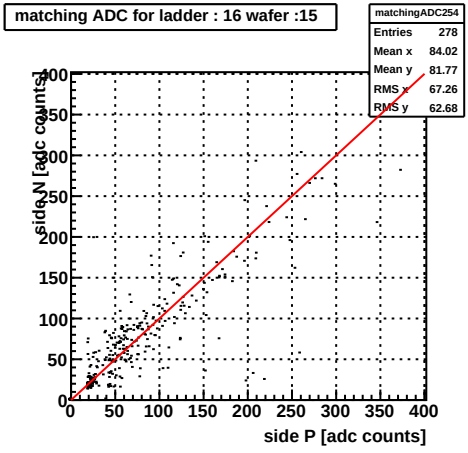

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

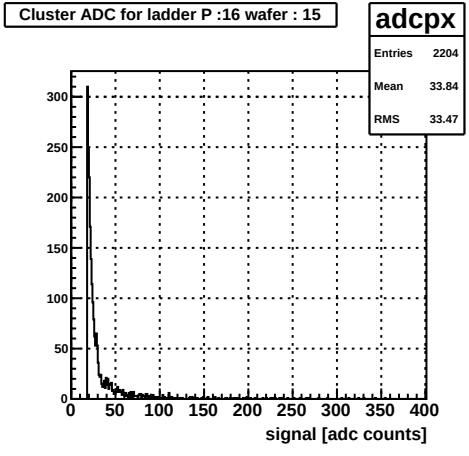

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 963
Mean 43.95
RMS 48.4
signal [adc counts]

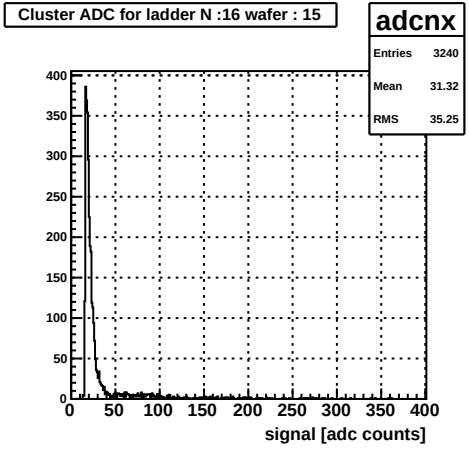

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

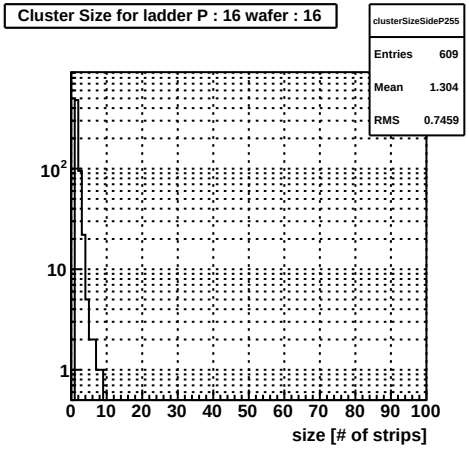

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2204
Mean 1.187
RMS 0.5196
size [# of strips]

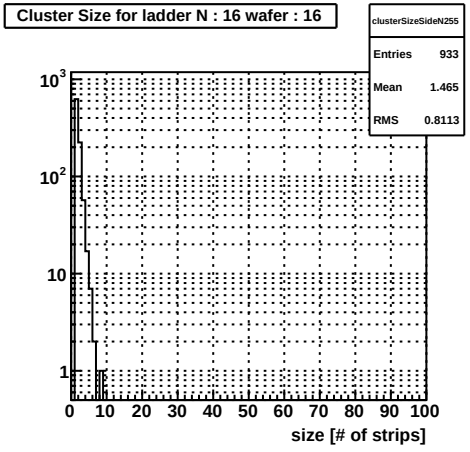

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3240
Mean 1.227
RMS 0.7142
size [# of strips]

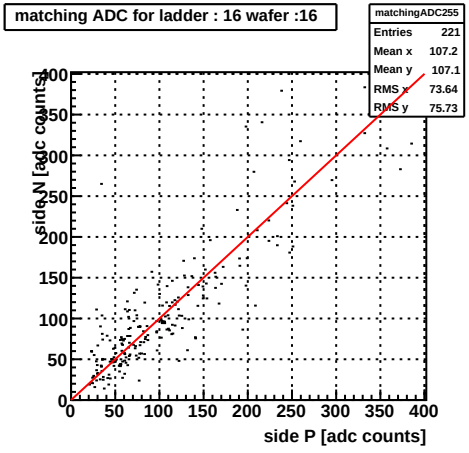

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 278
Mean x 84.02
Mean y 81.77
RMS x 67.26
RMS y 62.68
side N [adc counts]
side P [adc counts]

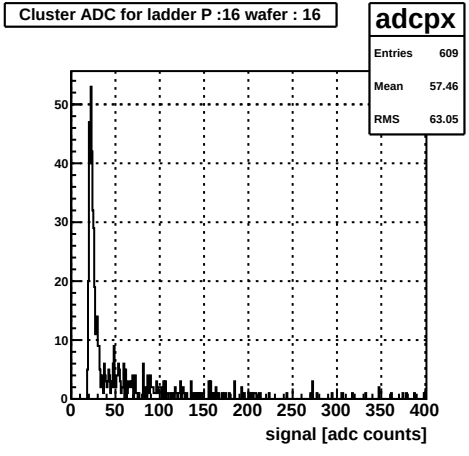

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2204
Mean 33.84
RMS 33.47
signal [adc counts]

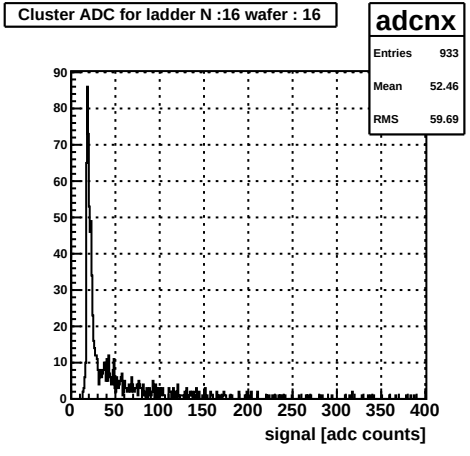

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3240
Mean 31.32
RMS 35.25
signal [adc counts]

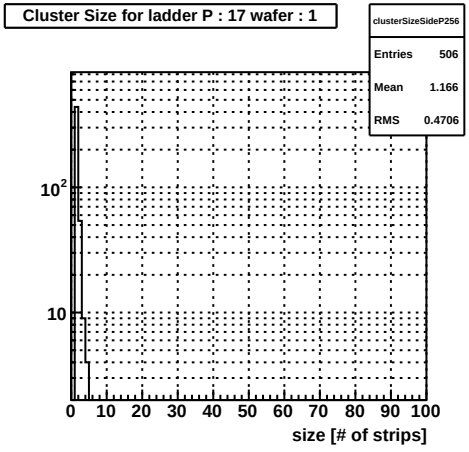

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 609
Mean 1.304
RMS 0.7459
size [# of strips]

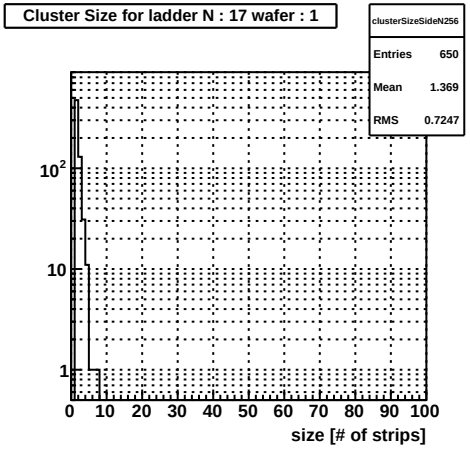

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 933
Mean 1.465
RMS 0.8113
size [# of strips]

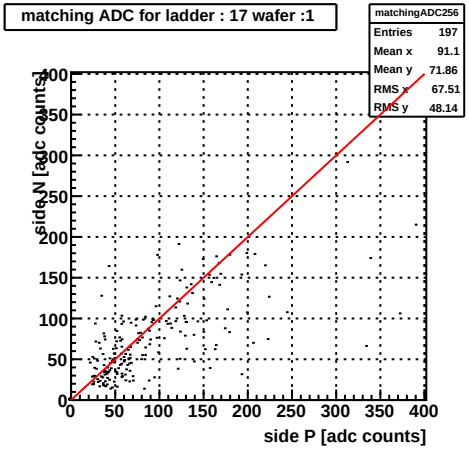

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 221
Mean x 107.2
Mean y 107.1
RMS x 73.64
RMS y 75.73
side N [adc counts]
side P [adc counts]

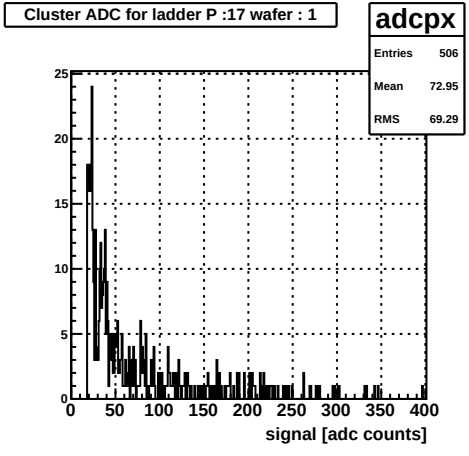

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 609
Mean 57.46
RMS 63.05
signal [adc counts]

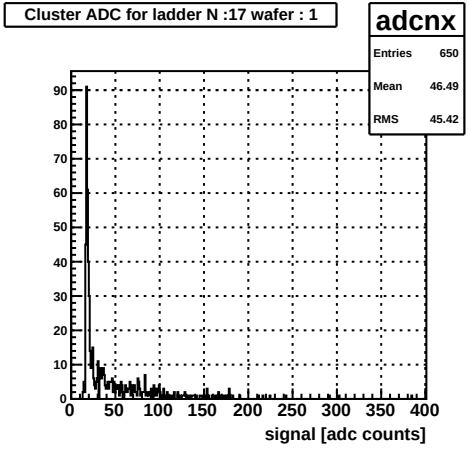

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 933
Mean 52.46
RMS 59.69
signal [adc counts]

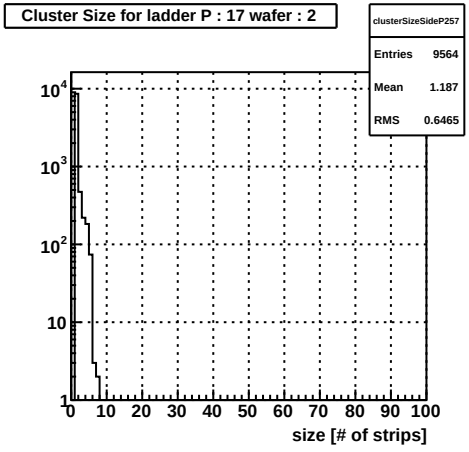

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 506
Mean 1.166
RMS 0.4706
size [# of strips]

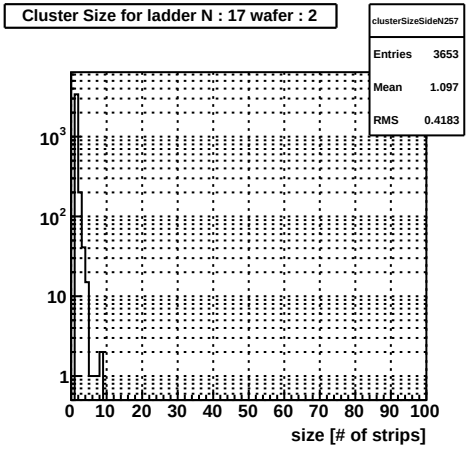

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 650
Mean 1.369
RMS 0.7247
size [# of strips]

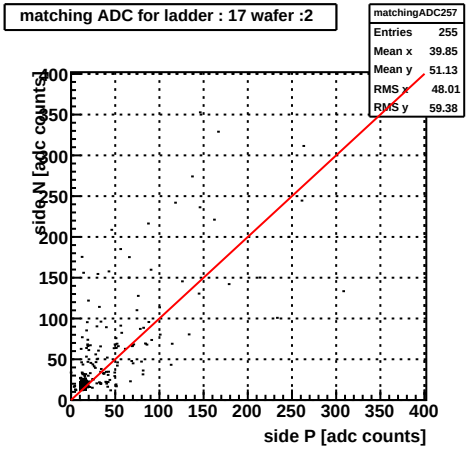

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 197
Mean x 91.1
Mean y 71.86
RMS x 67.51
RMS y 48.14
side N [adc counts]
side P [adc counts]

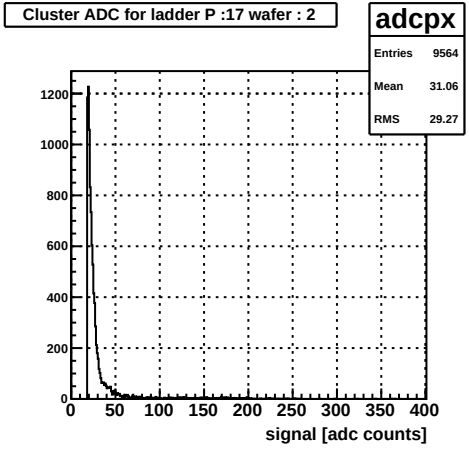

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 506
Mean 72.95
RMS 69.29
signal [adc counts]

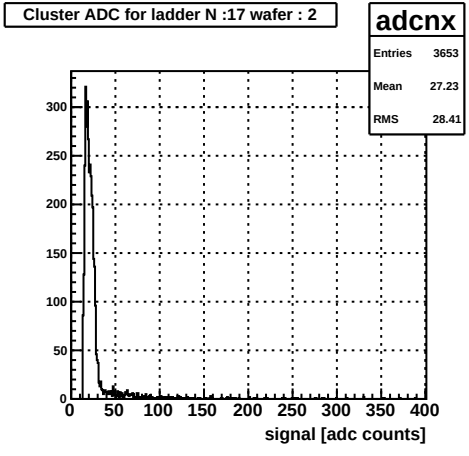

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 650
Mean 46.49
RMS 45.42
signal [adc counts]

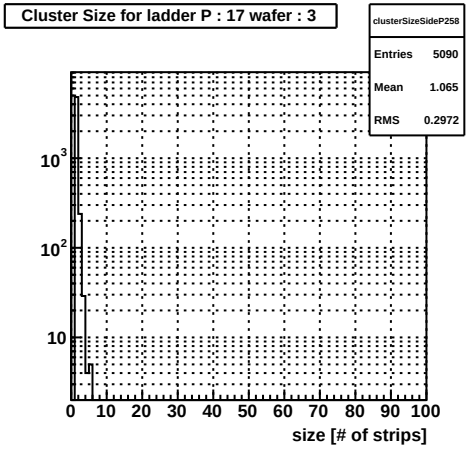

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9564
Mean 1.187
RMS 0.6465
size [# of strips]

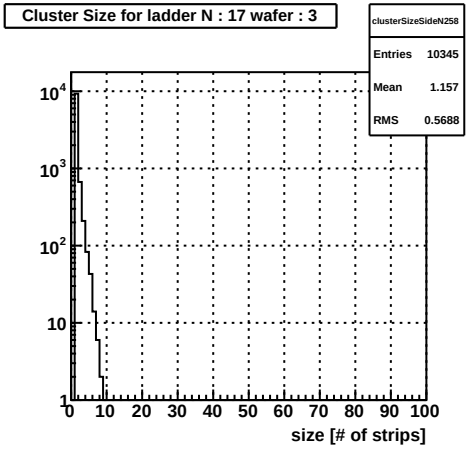

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3653
Mean 1.097
RMS 0.4183
size [# of strips]

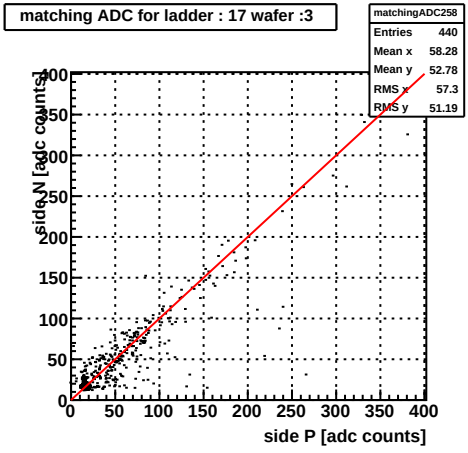

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 255
Mean x 39.85
Mean y 51.13
RMS x 48.01
RMS y 59.38
side N [adc counts]
side P [adc counts]

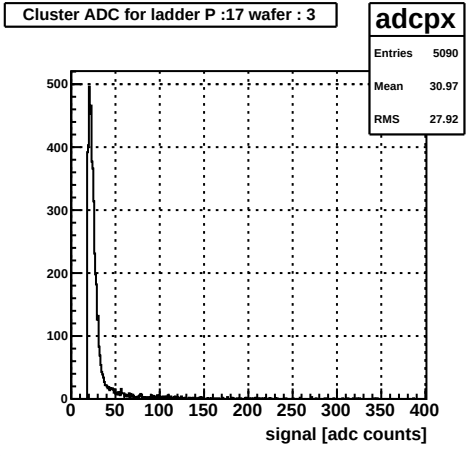

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9564
Mean 31.06
RMS 29.27
signal [adc counts]

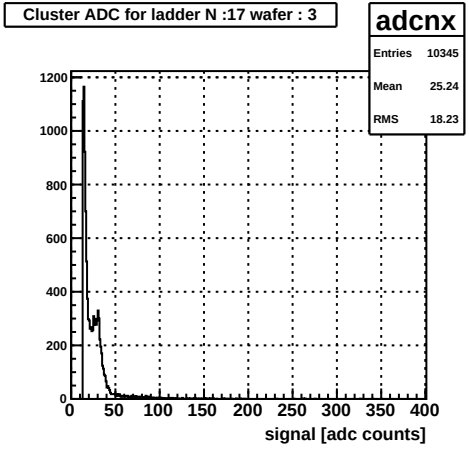

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3653
Mean 27.23
RMS 28.41
signal [adc counts]

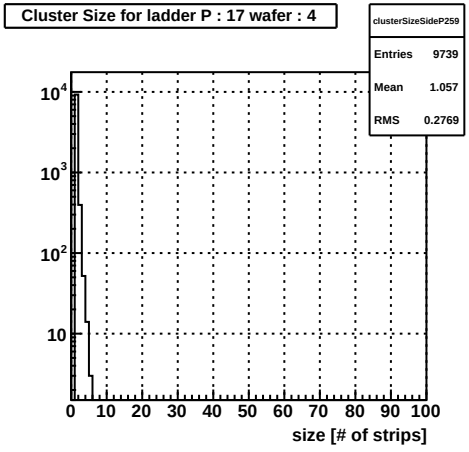

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5090
Mean 1.065
RMS 0.2972
size [# of strips]

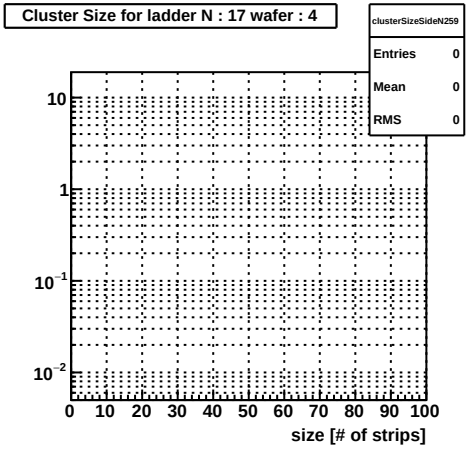

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10345
Mean 1.157
RMS 0.5688
size [# of strips]

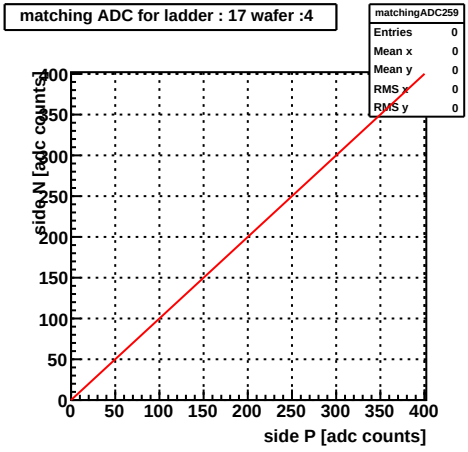

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 440
Mean x 58.28
Mean y 52.78
RMS x 57.3
RMS y 51.19
side N [adc counts]
side P [adc counts]

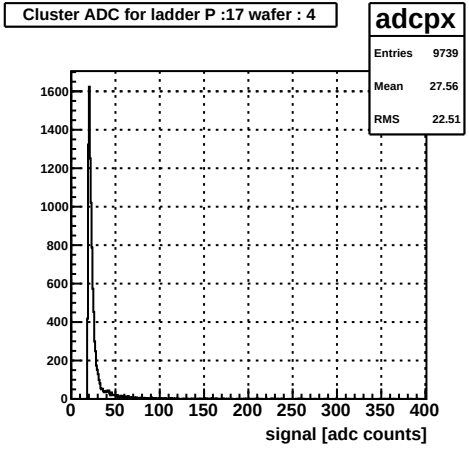

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5090
Mean 30.97
RMS 27.92
signal [adc counts]

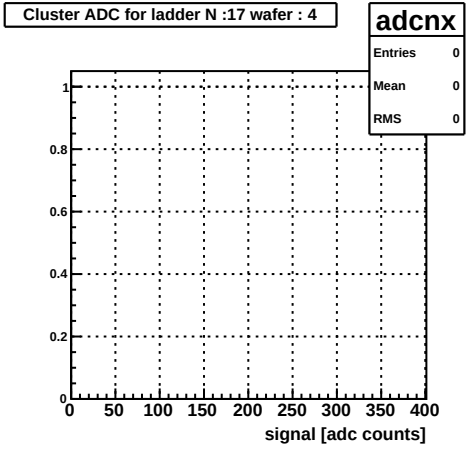

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10345
Mean 25.24
RMS 18.23
signal [adc counts]

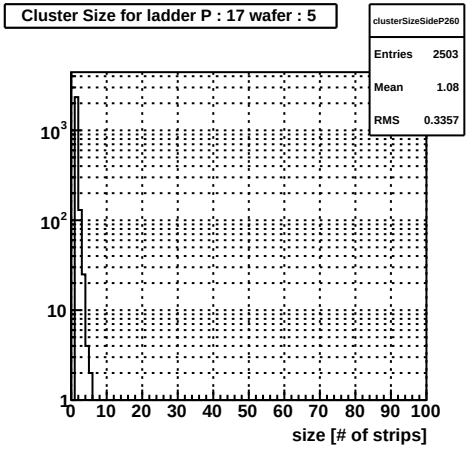

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9739
Mean 1.057
RMS 0.2769
size [# of strips]

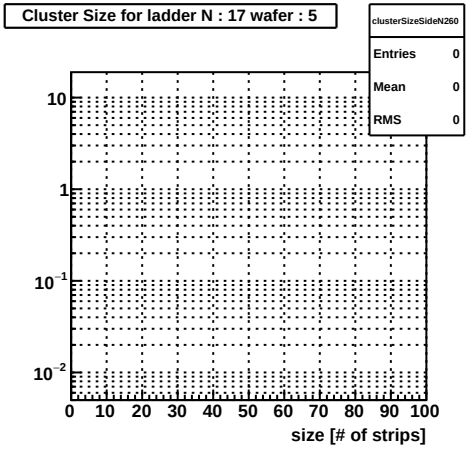

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

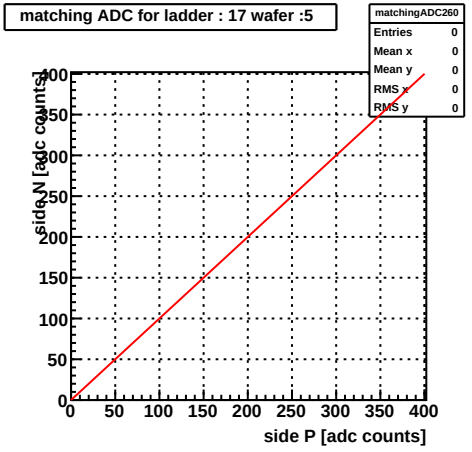

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

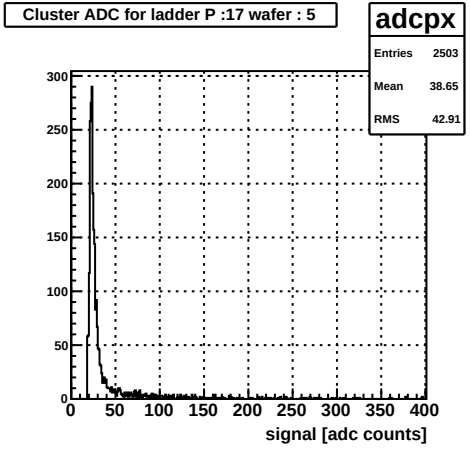

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9739
Mean 27.56
RMS 22.51
signal [adc counts]

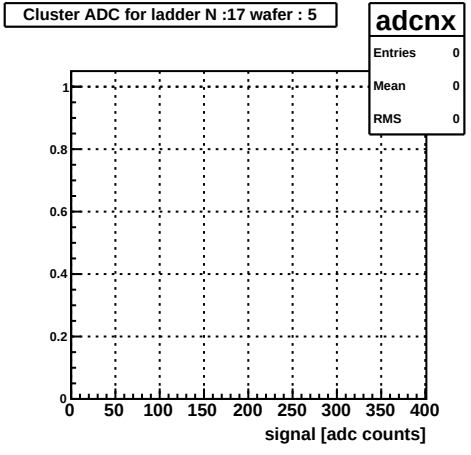

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

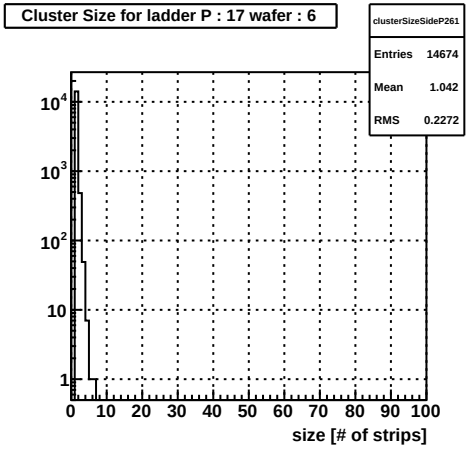

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2503
Mean 1.08
RMS 0.3357
size [# of strips]

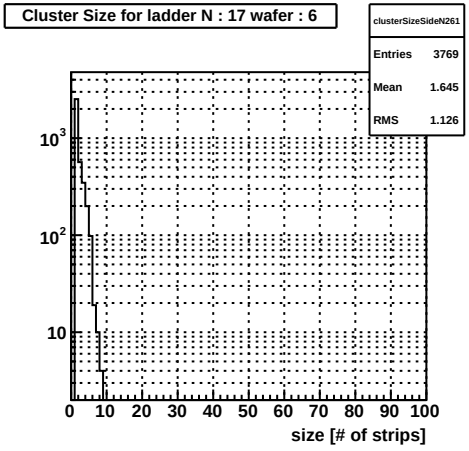

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

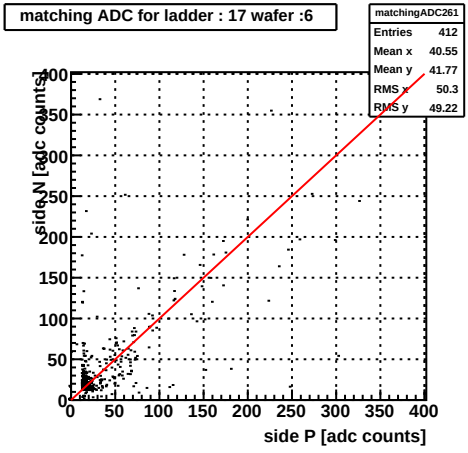

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

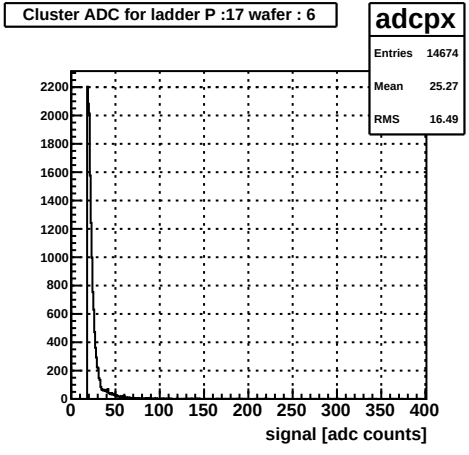

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2503
Mean 38.65
RMS 42.91
signal [adc counts]

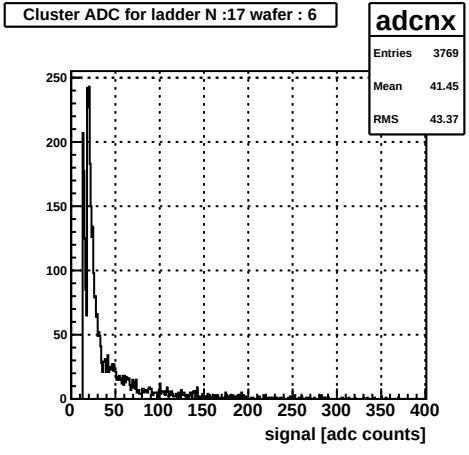

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

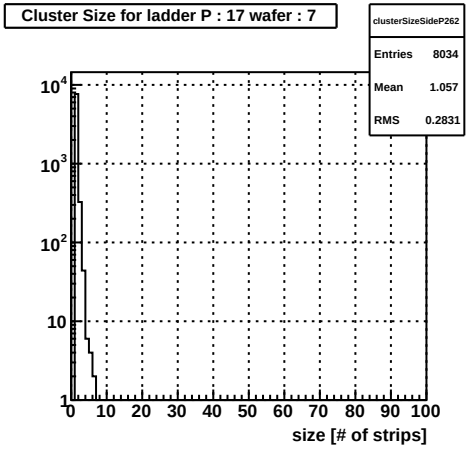

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14674
Mean 1.042
RMS 0.2272
size [# of strips]

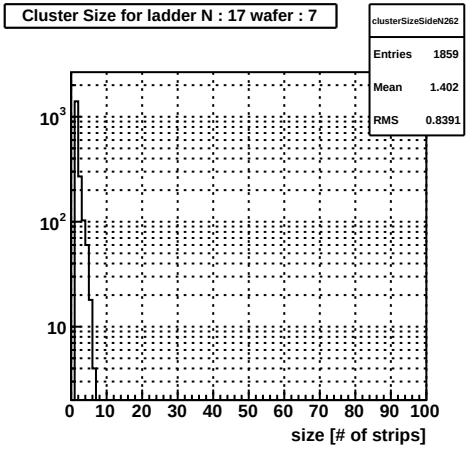

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3769
Mean 1.645
RMS 1.126
size [# of strips]

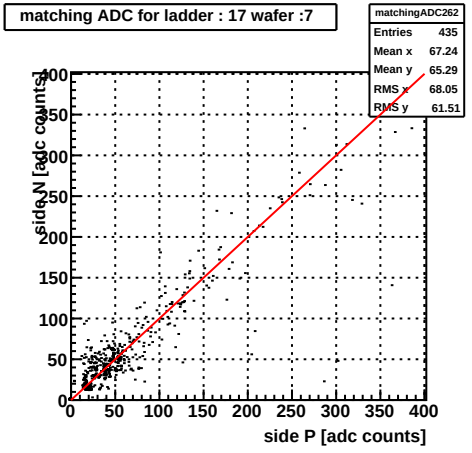

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 412
Mean x 40.55
Mean y 41.77
RMS x 50.3
RMS y 49.22
side N [adc counts]
side P [adc counts]

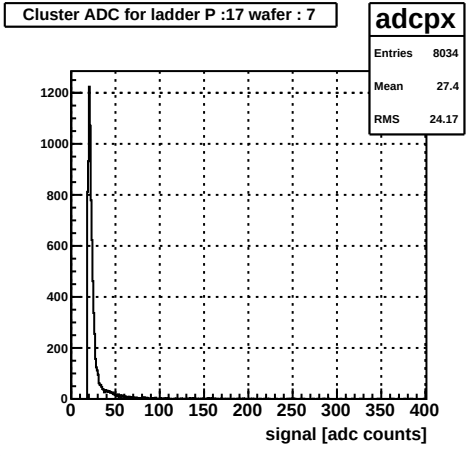

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14674
Mean 25.27
RMS 16.49
signal [adc counts]

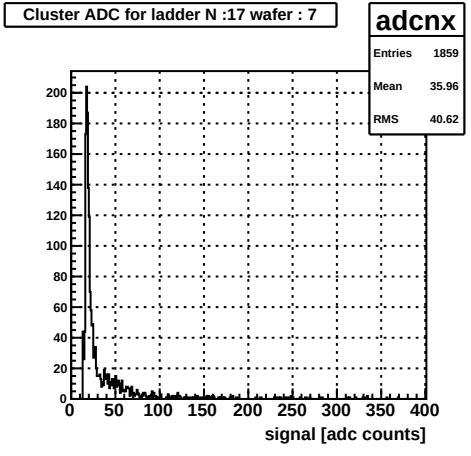

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3769
Mean 41.45
RMS 43.37
signal [adc counts]

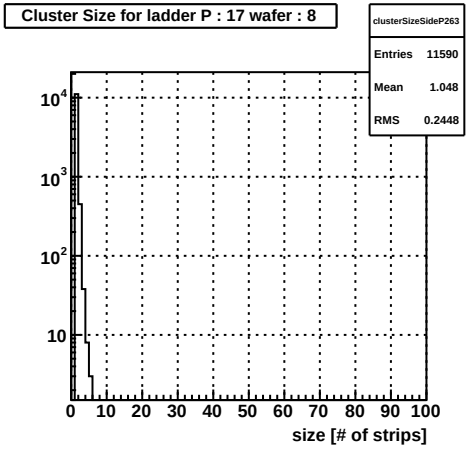

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 8034
Mean 1.057
RMS 0.2831
size [# of strips]

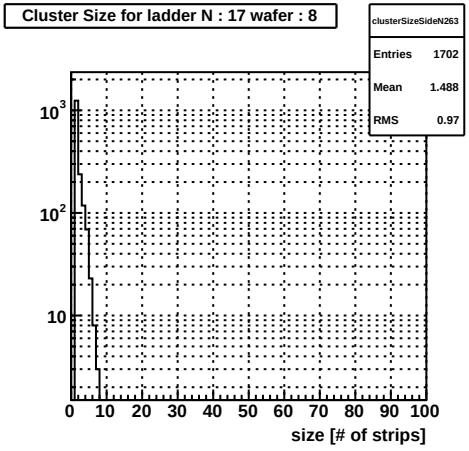

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1859
Mean 1.402
RMS 0.8391
size [# of strips]

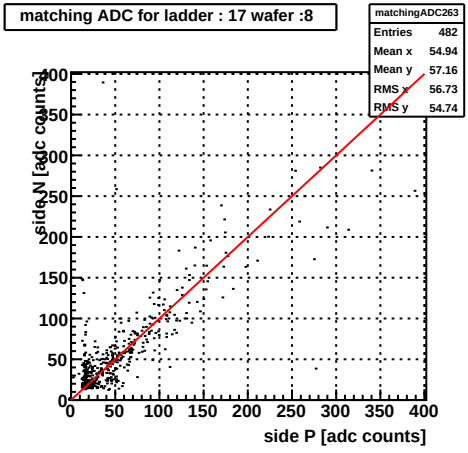

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 435
Mean x 67.24
Mean y 65.29
RMS x 68.05
RMS y 61.51
side N [adc counts]
side P [adc counts]

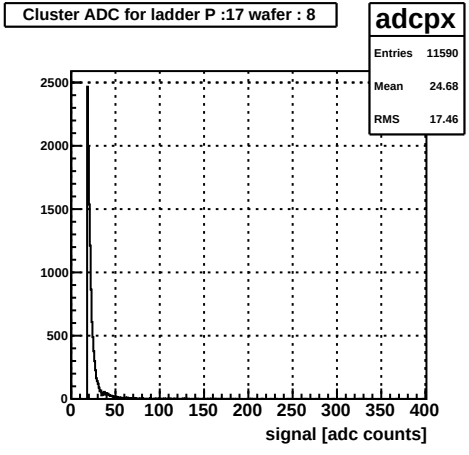

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 8034
Mean 27.4
RMS 24.17
signal [adc counts]

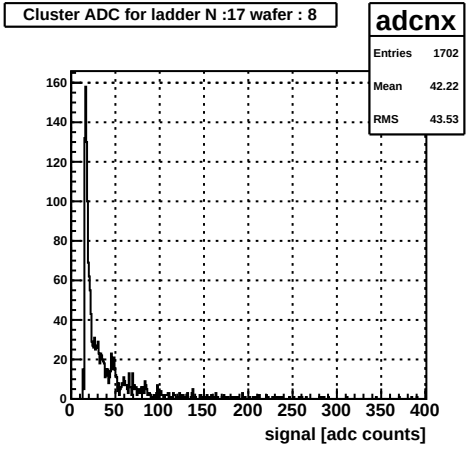

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1859
Mean 35.96
RMS 40.62
signal [adc counts]

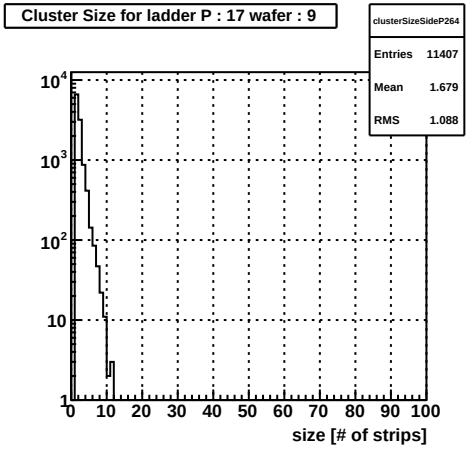

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 11590
Mean 1.048
RMS 0.2448
size [# of strips]

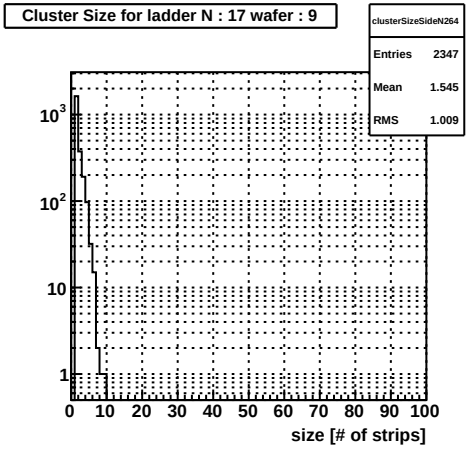

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1702
Mean 1.488
RMS 0.97
size [# of strips]

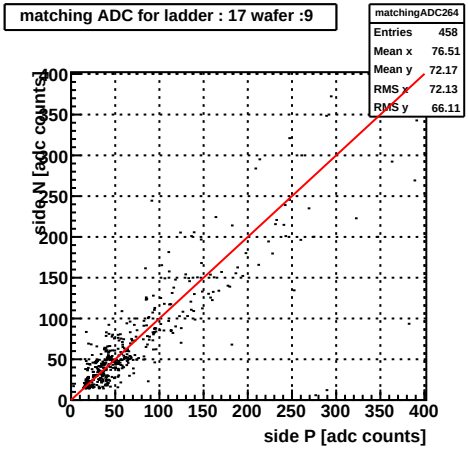

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 482
Mean x 54.94
Mean y 57.16
RMS x 56.73
RMS y 54.74
side N [adc counts]
side P [adc counts]

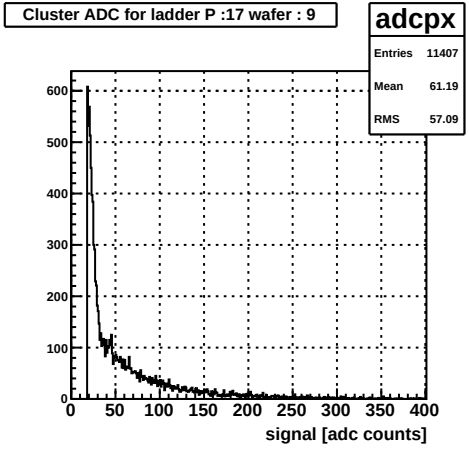

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 11590
Mean 24.68
RMS 17.46
signal [adc counts]

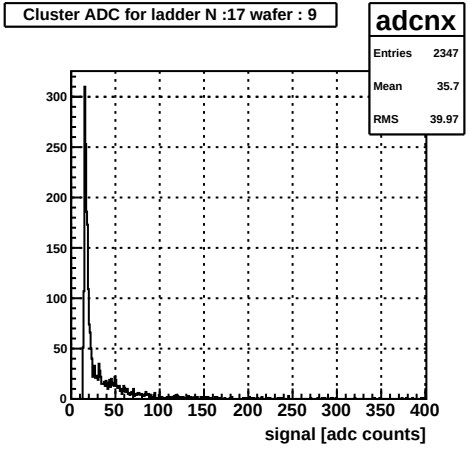

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1702
Mean 42.22
RMS 43.53
signal [adc counts]

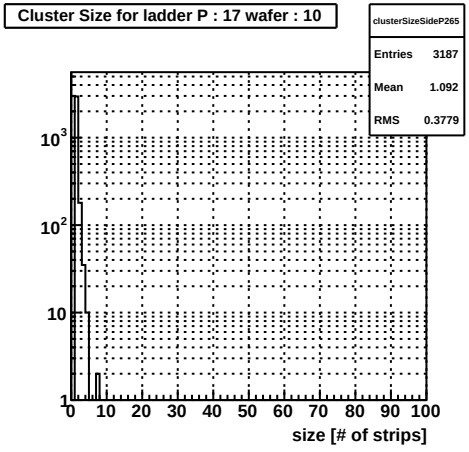

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 11407
Mean 1.679
RMS 1.088
size [# of strips]

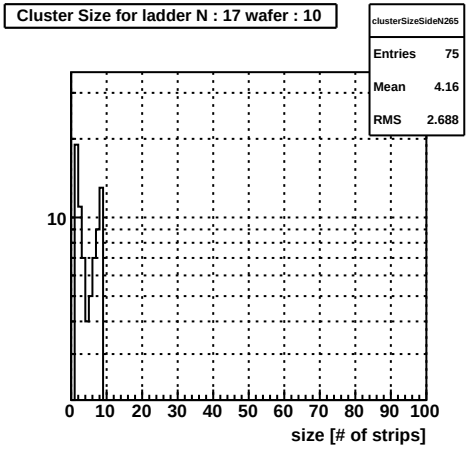

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2347
Mean 1.545
RMS 1.009
size [# of strips]

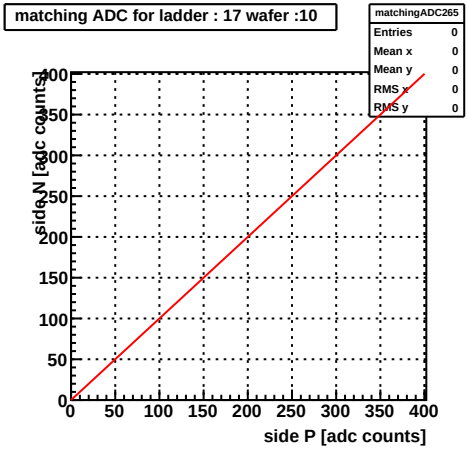

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 458
Mean x 76.51
Mean y 72.17
RMS x 72.13
RMS y 66.11
side N [adc counts]
side P [adc counts]

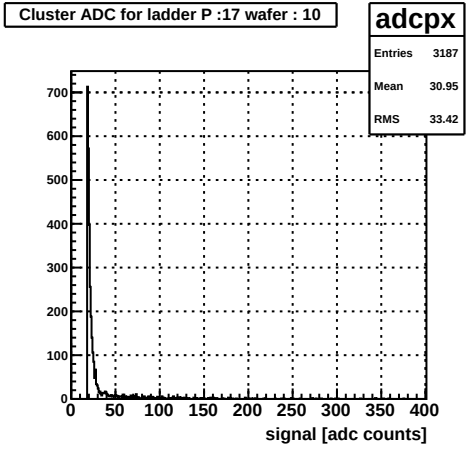

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 11407
Mean 61.19
RMS 57.09
signal [adc counts]

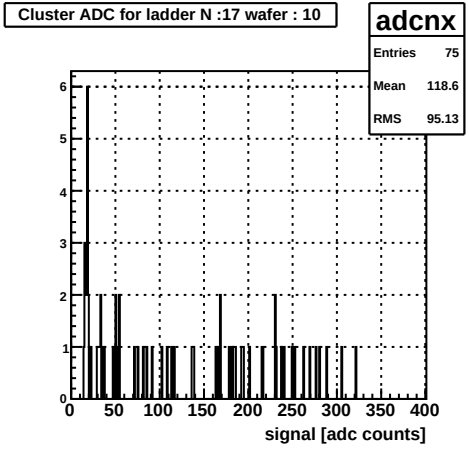

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2347
Mean 35.7
RMS 39.97
signal [adc counts]

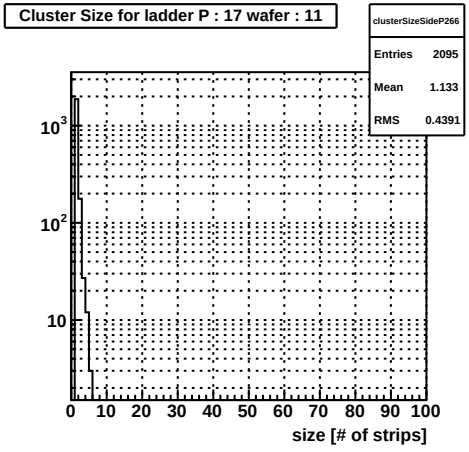

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3187
Mean 1.092
RMS 0.3779
size [# of strips]

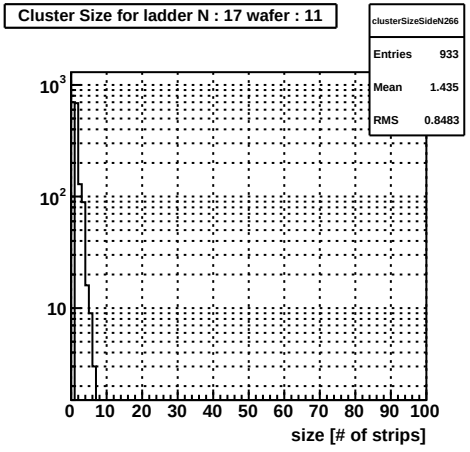

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 75
Mean 4.16
RMS 2.688
size [# of strips]

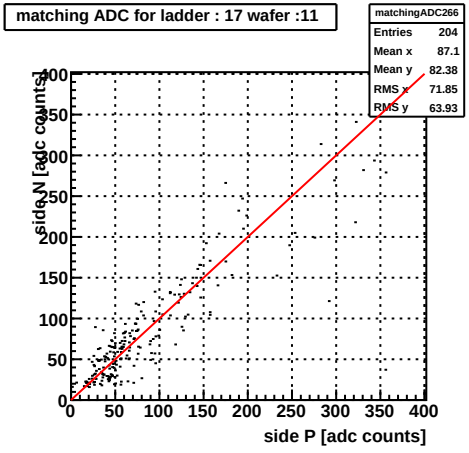

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

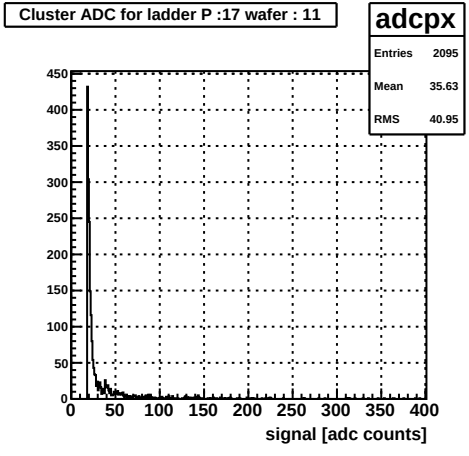

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3187
Mean 30.95
RMS 33.42
signal [adc counts]

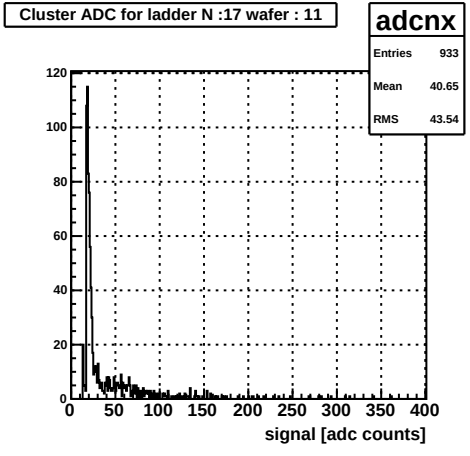

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 75
Mean 118.6
RMS 95.13
signal [adc counts]

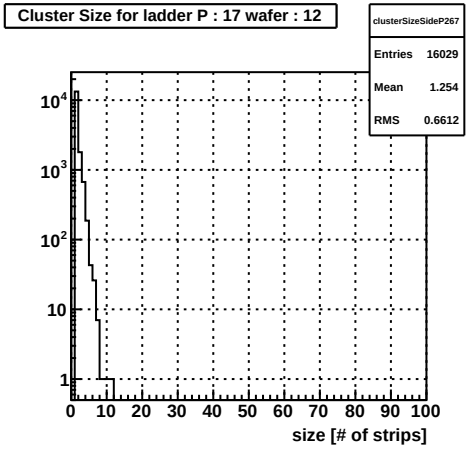

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2095
Mean 1.133
RMS 0.4391
size [# of strips]

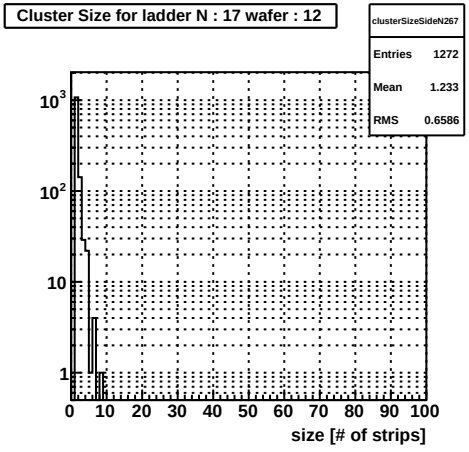

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 933
Mean 1.435
RMS 0.8483
size [# of strips]

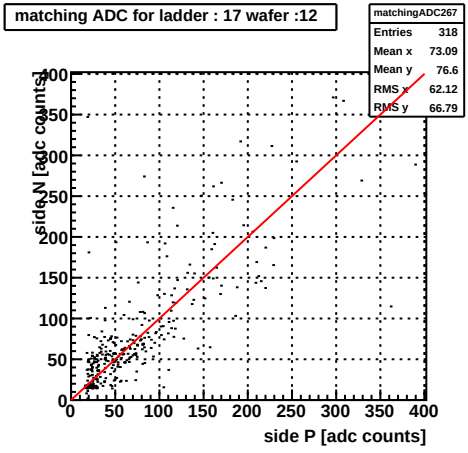

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 204
Mean x 87.1
Mean y 82.38
RMS x 71.85
RMS y 63.93
side N [adc counts]
side P [adc counts]

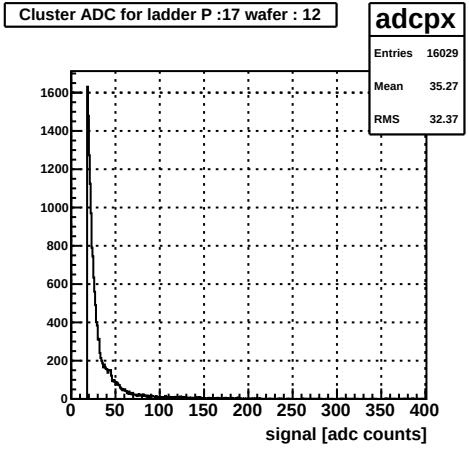

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2095
Mean 35.63
RMS 40.95
signal [adc counts]

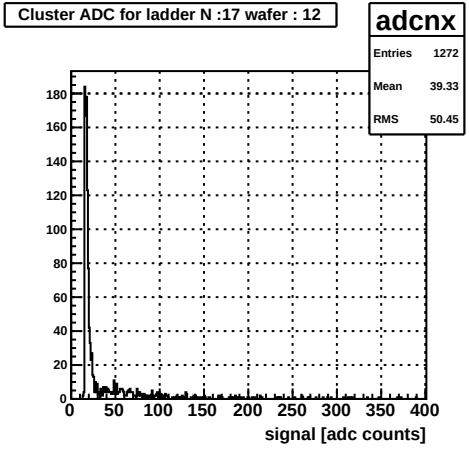

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 933
Mean 40.65
RMS 43.54
signal [adc counts]

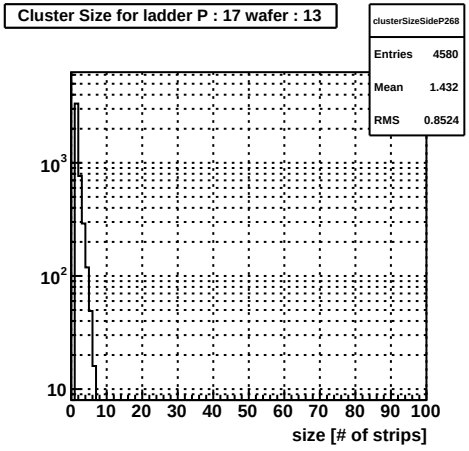

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 16029
Mean 1.254
RMS 0.6612
size [# of strips]

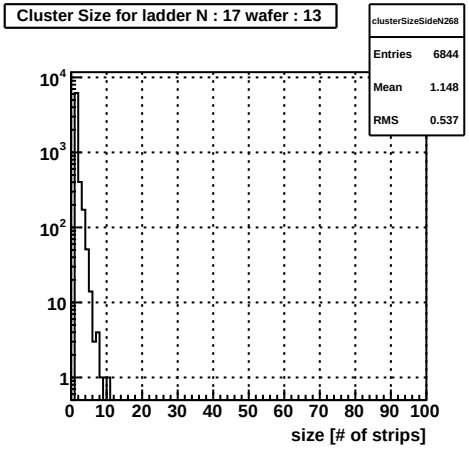

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1272
Mean 1.233
RMS 0.6586
size [# of strips]

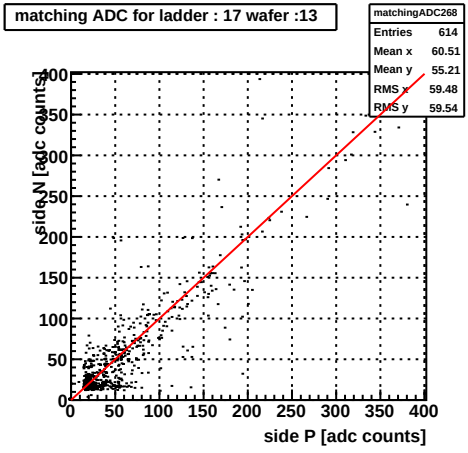

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 318
Mean x 73.09
Mean y 76.6
RMS x 62.12
RMS y 66.79
side N [adc counts]
side P [adc counts]

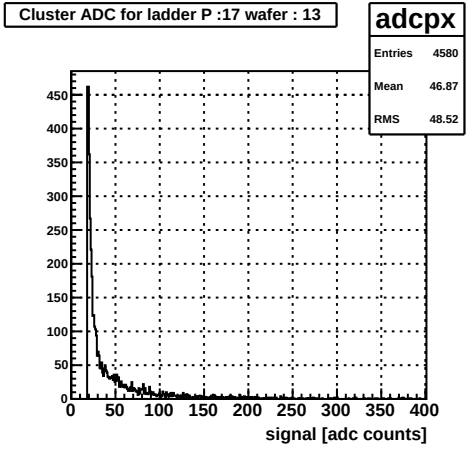

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 16029
Mean 35.27
RMS 32.37
signal [adc counts]

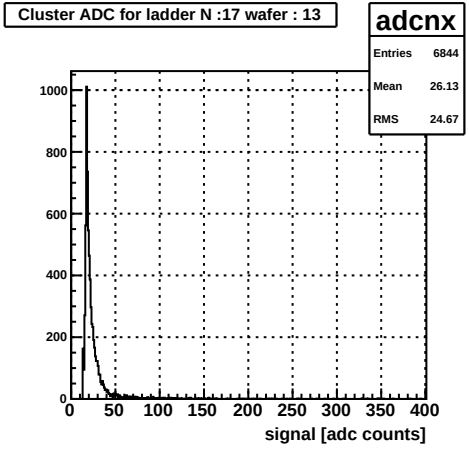

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1272
Mean 39.33
RMS 50.45
signal [adc counts]

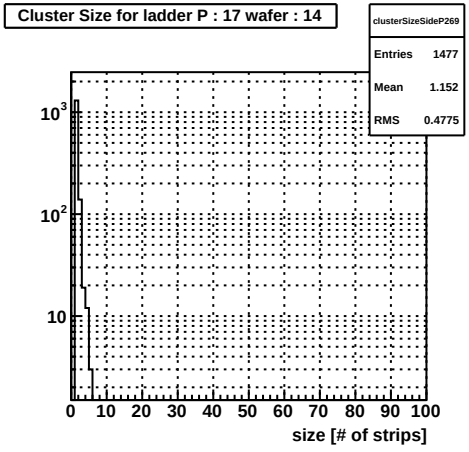

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 4580
Mean 1.432
RMS 0.8524
size [# of strips]

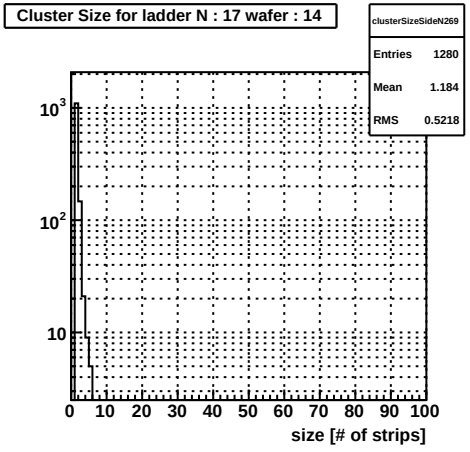

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6844
Mean 1.148
RMS 0.537
size [# of strips]

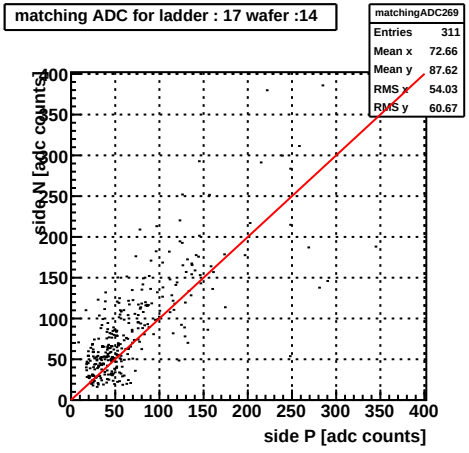

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 614
Mean x 60.51
Mean y 55.21
RMS x 59.48
RMS y 59.54
side N [adc counts]
side P [adc counts]

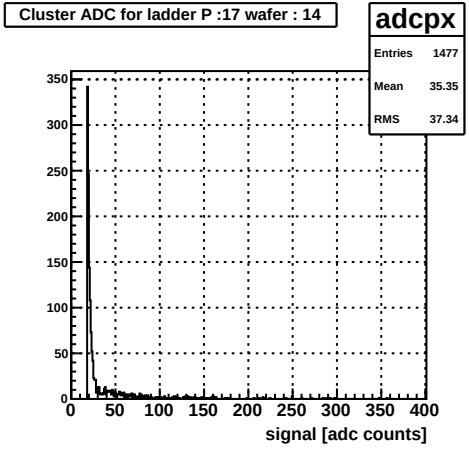

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 4580
Mean 46.87
RMS 48.52
signal [adc counts]

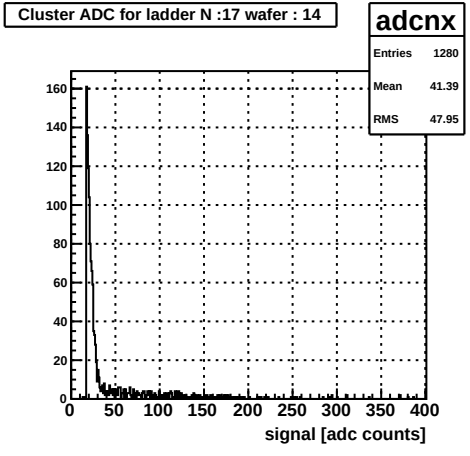

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6844
Mean 26.13
RMS 24.67
signal [adc counts]

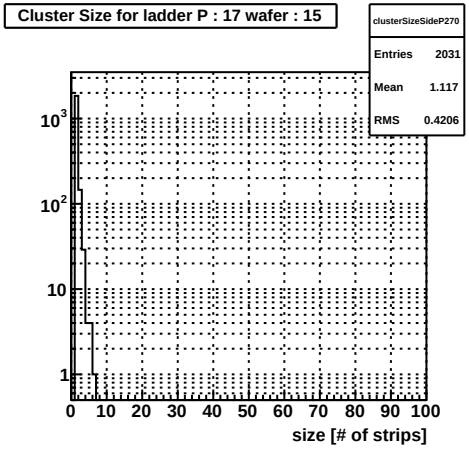

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1477
Mean 1.152
RMS 0.4775
size [# of strips]

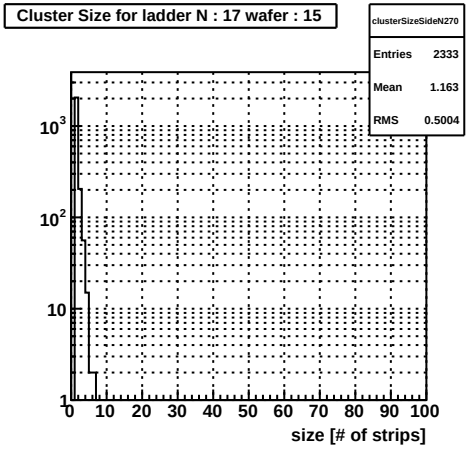

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1280
Mean 1.184
RMS 0.5218
size [# of strips]

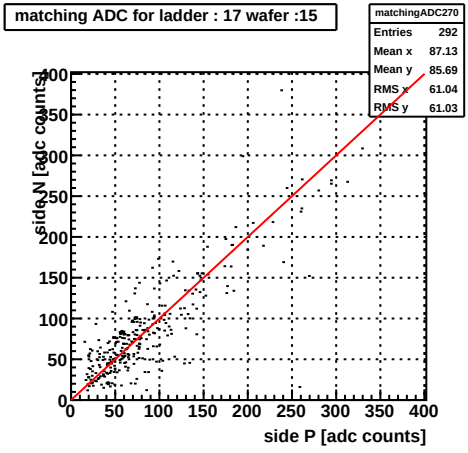

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 311
Mean x 72.66
Mean y 87.62
RMS x 54.03
RMS y 60.67
side N [adc counts]
side P [adc counts]

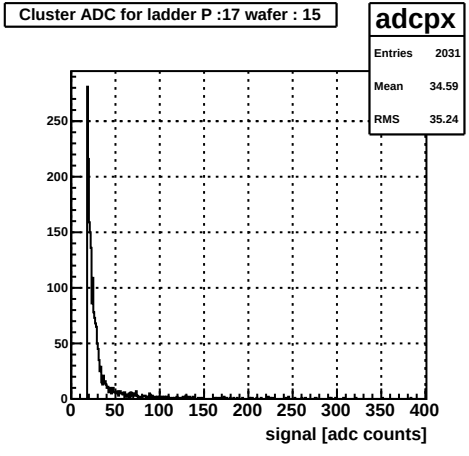

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1477
Mean 35.35
RMS 37.34
signal [adc counts]

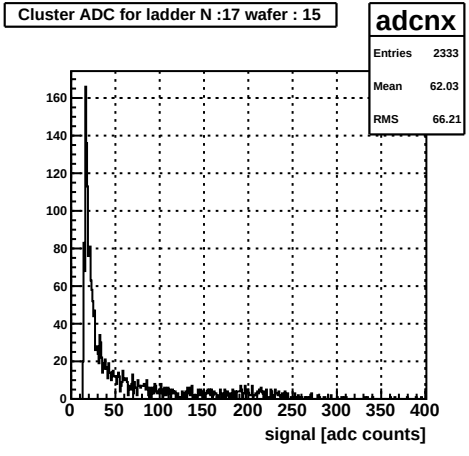

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1280
Mean 41.39
RMS 47.95
signal [adc counts]

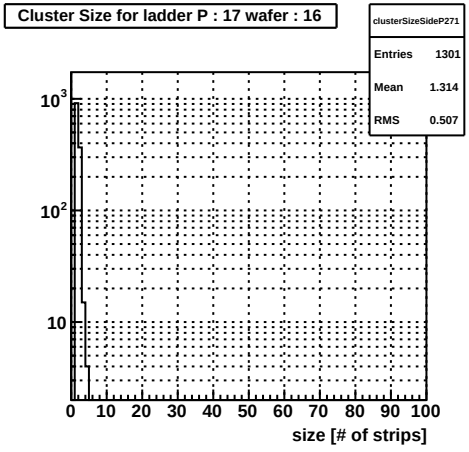

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2031
Mean 1.117
RMS 0.4206
size [# of strips]

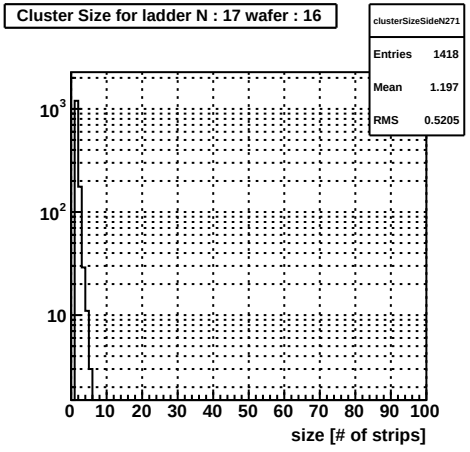

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2333
Mean 1.163
RMS 0.5004
size [# of strips]

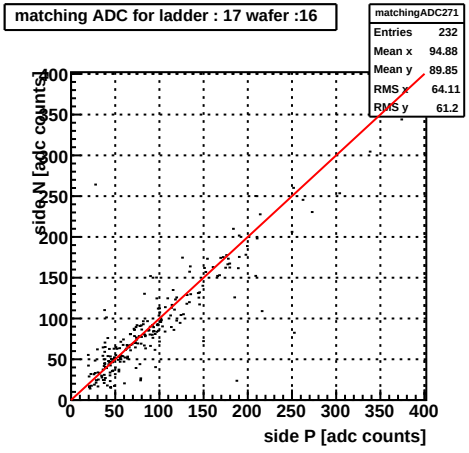

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 292
Mean x 87.13
Mean y 85.69
RMS x 61.04
RMS y 61.03
side N [adc counts]
side P [adc counts]

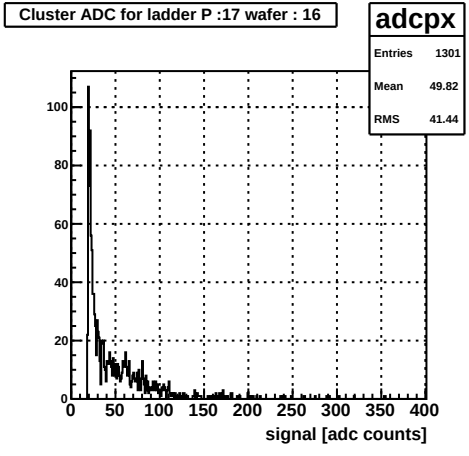

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2031
Mean 34.59
RMS 35.24
signal [adc counts]

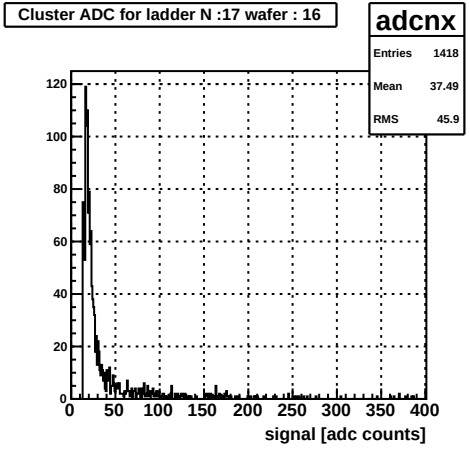

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2333
Mean 62.03
RMS 66.21
signal [adc counts]

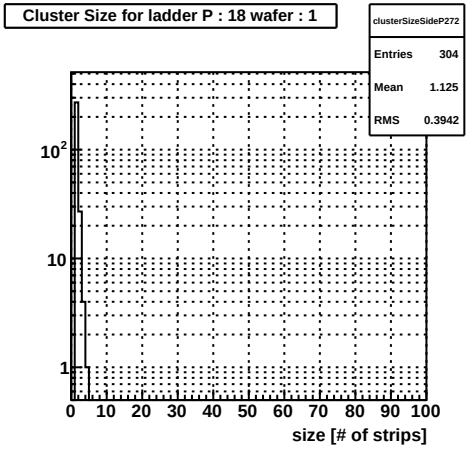

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1301
Mean 1.314
RMS 0.507
size [# of strips]

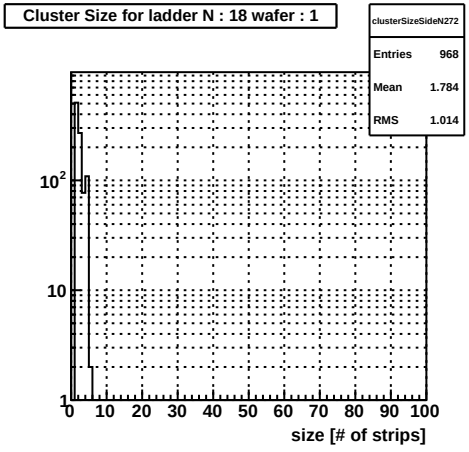

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1418
Mean 1.197
RMS 0.5205
size [# of strips]

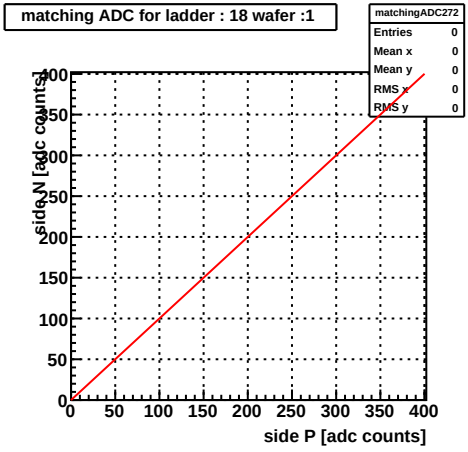

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 232
Mean x 94.88
Mean y 89.85
RMS x 64.11
RMS y 61.2
side N [adc counts]
side P [adc counts]

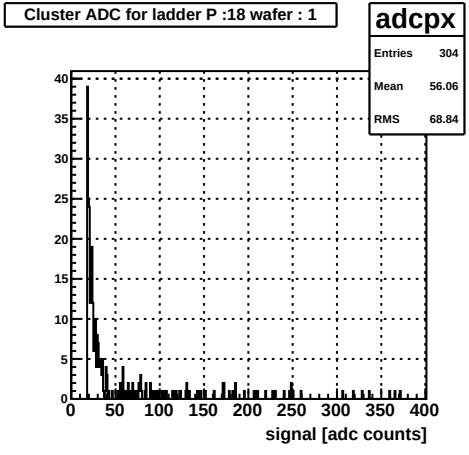

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1301
Mean 49.82
RMS 41.44
signal [adc counts]

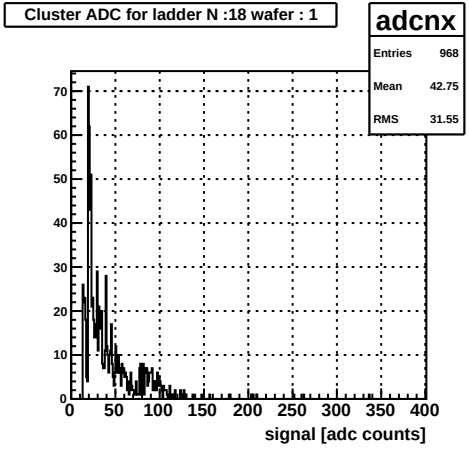

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1418
Mean 37.49
RMS 45.9
signal [adc counts]

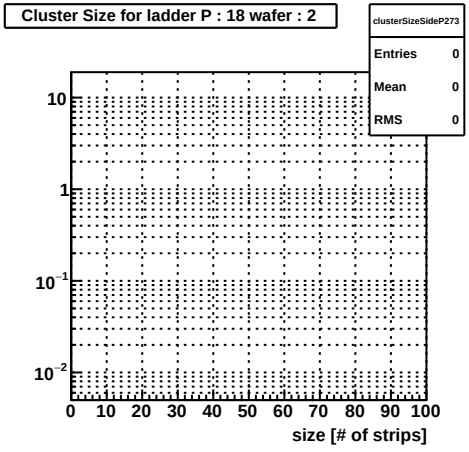

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 304
Mean 1.125
RMS 0.3942
size [# of strips]

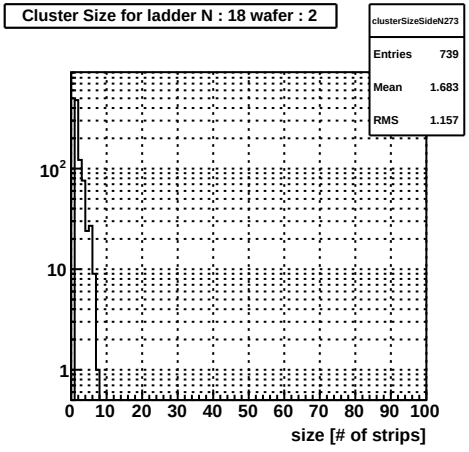

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 968
Mean 1.784
RMS 1.014
size [# of strips]

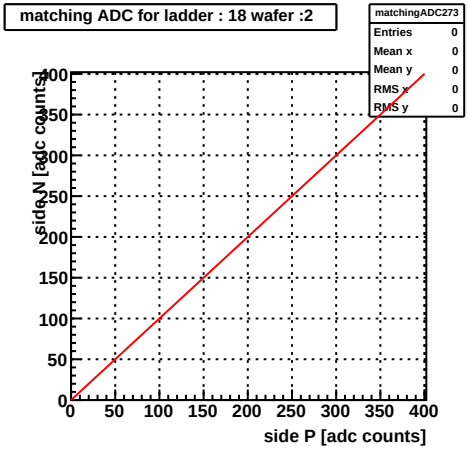

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

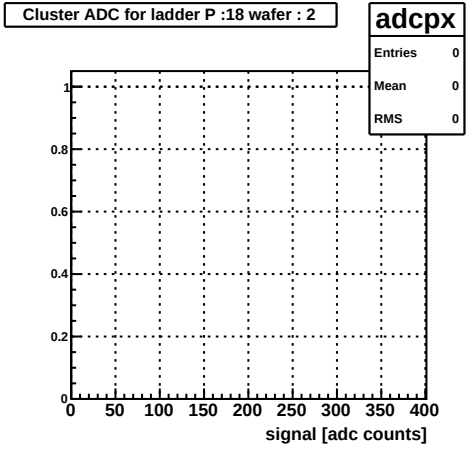

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 304
Mean 56.06
RMS 68.84
signal [adc counts]

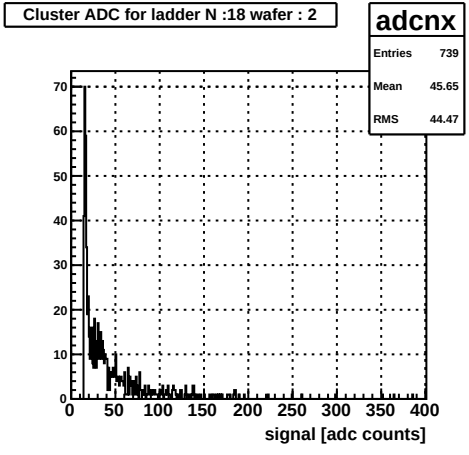

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 968
Mean 42.75
RMS 31.55
signal [adc counts]

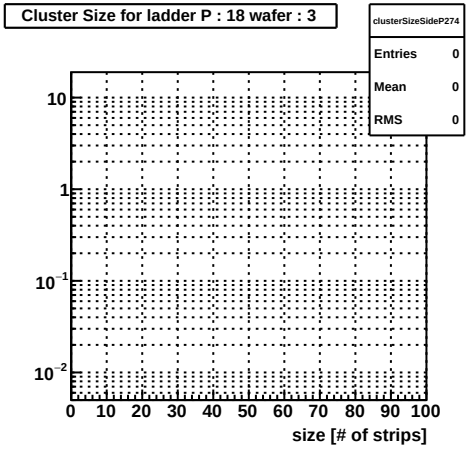

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

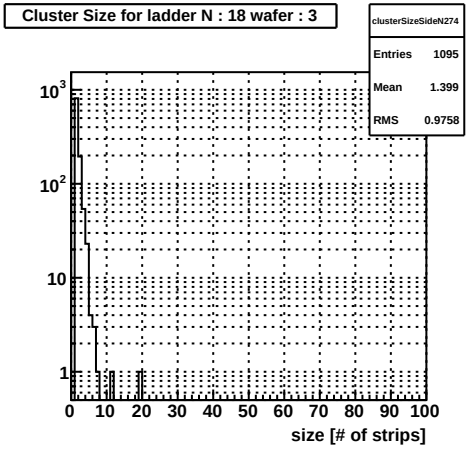

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 739
Mean 1.683
RMS 1.157
size [# of strips]

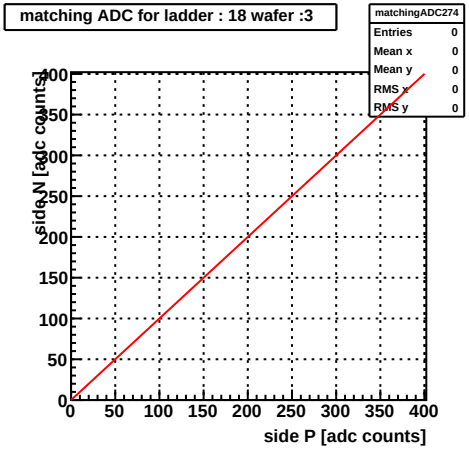

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

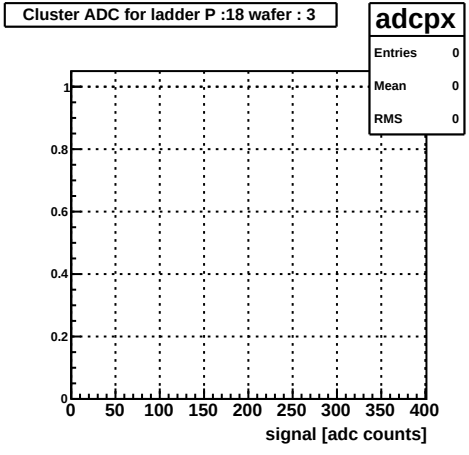

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

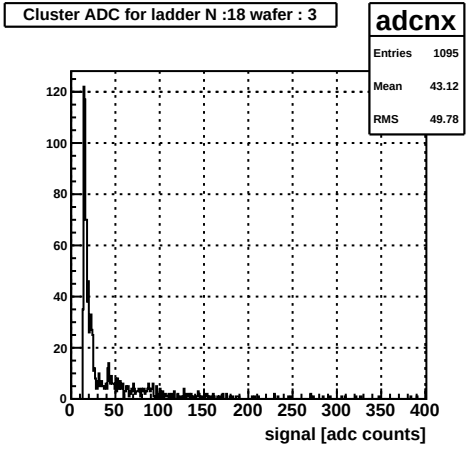

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 739
Mean 45.65
RMS 44.47
signal [adc counts]

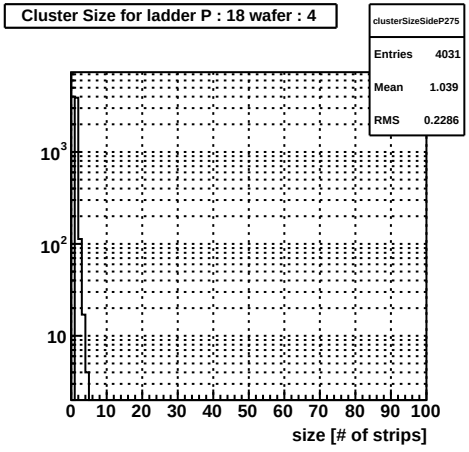

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

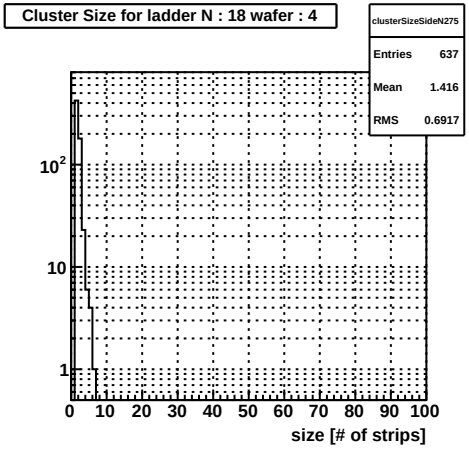

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1095
Mean 1.399
RMS 0.9758
size [# of strips]

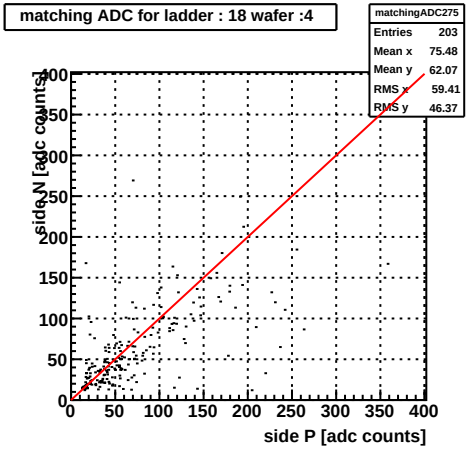

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

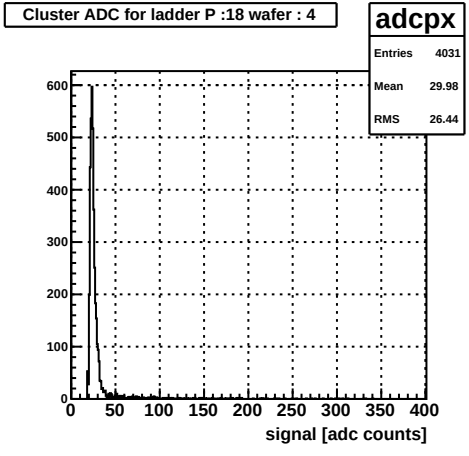

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

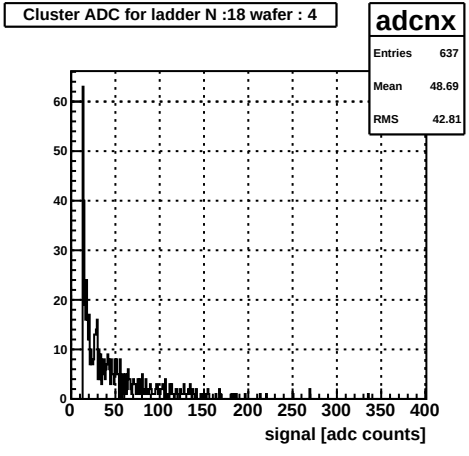

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1095
Mean 43.12
RMS 49.78
signal [adc counts]

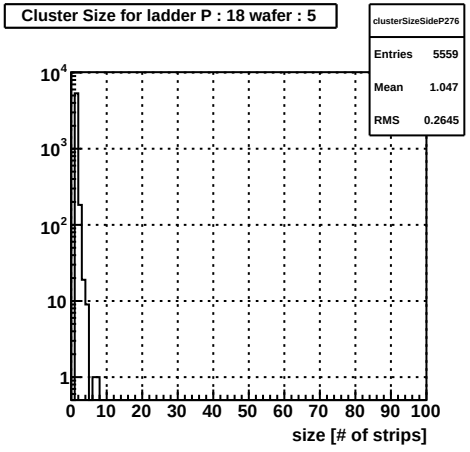

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4031
Mean 1.039
RMS 0.2286
size [# of strips]

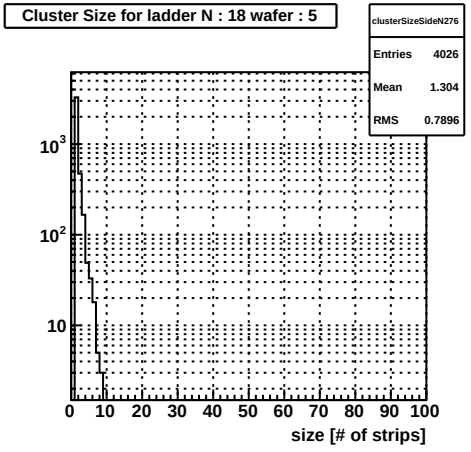

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 637
Mean 1.416
RMS 0.6917
size [# of strips]

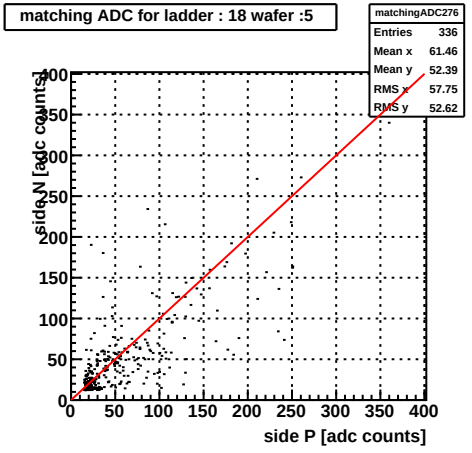

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 203
Mean x 75.48
Mean y 62.07
RMS x 59.41
RMS y 46.37
side N [adc counts]
side P [adc counts]

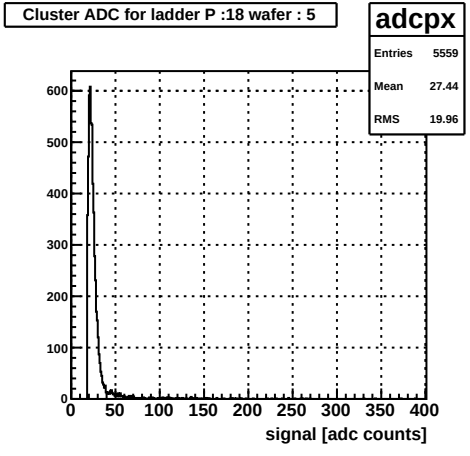

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4031
Mean 29.98
RMS 26.44
signal [adc counts]

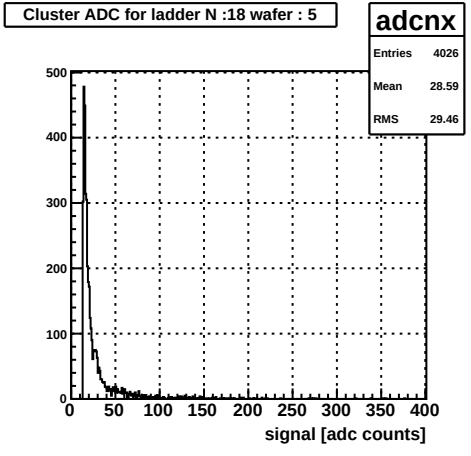

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 637
Mean 48.69
RMS 42.81
signal [adc counts]

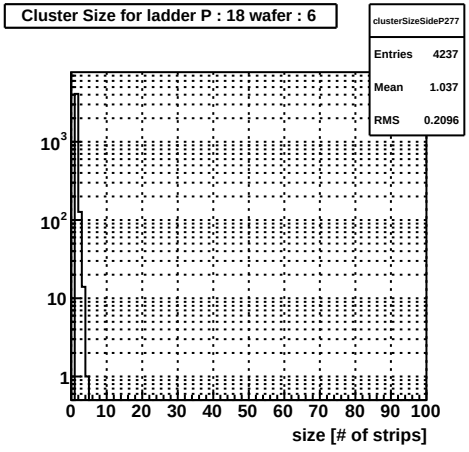

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5559
Mean 1.047
RMS 0.2645
size [# of strips]

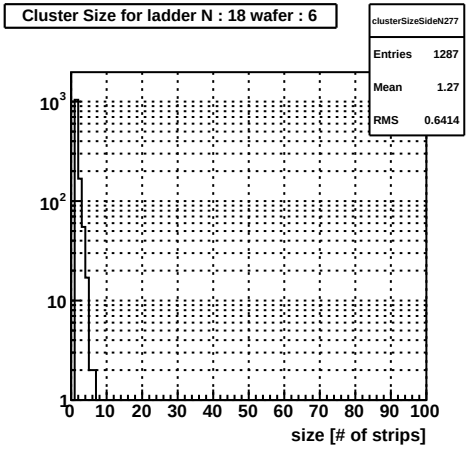

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4026
Mean 1.304
RMS 0.7896
size [# of strips]

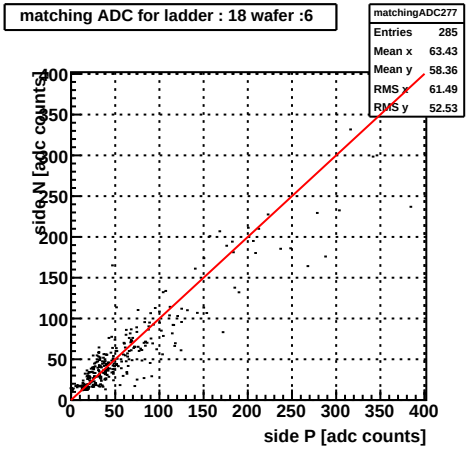

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 336
Mean x 61.46
Mean y 52.39
RMS x 57.75
RMS y 52.62
side N [adc counts]
side P [adc counts]

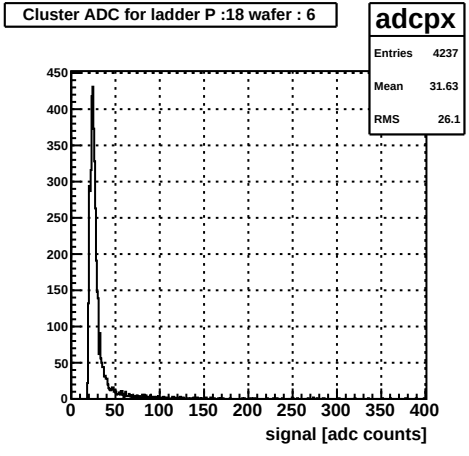

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5559
Mean 27.44
RMS 19.96
signal [adc counts]

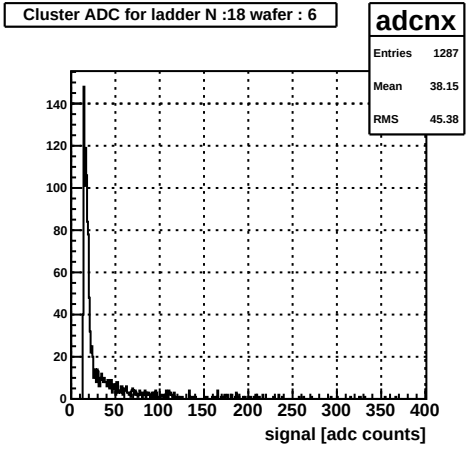

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4026
Mean 28.59
RMS 29.46
signal [adc counts]

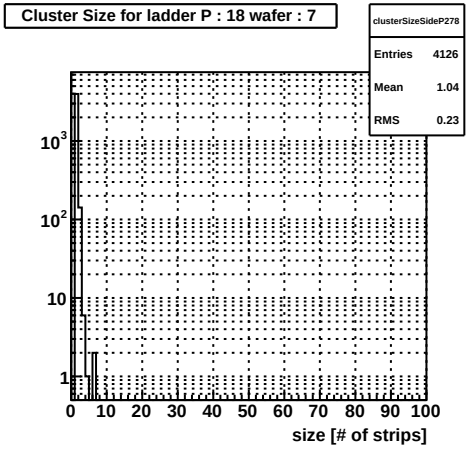

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4237
Mean 1.037
RMS 0.2096
size [# of strips]

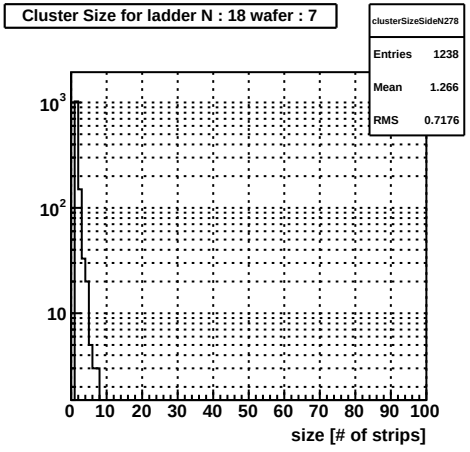

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1287
Mean 1.27
RMS 0.6414
size [# of strips]

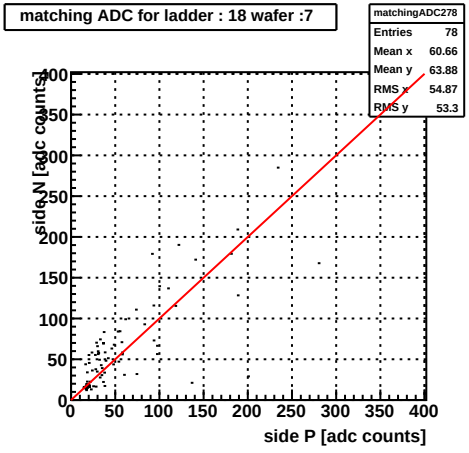

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 285
Mean x 63.43
Mean y 58.36
RMS x 61.49
RMS y 52.53
side N [adc counts]
side P [adc counts]

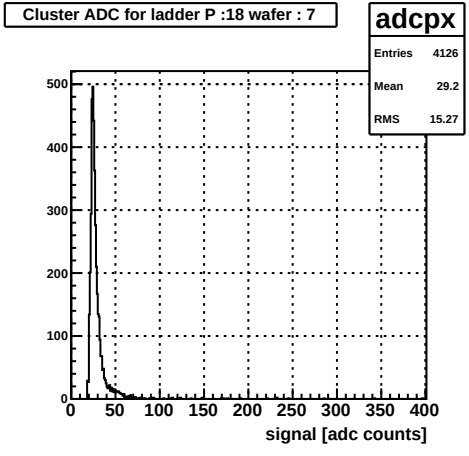

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4237
Mean 31.63
RMS 26.1
signal [adc counts]

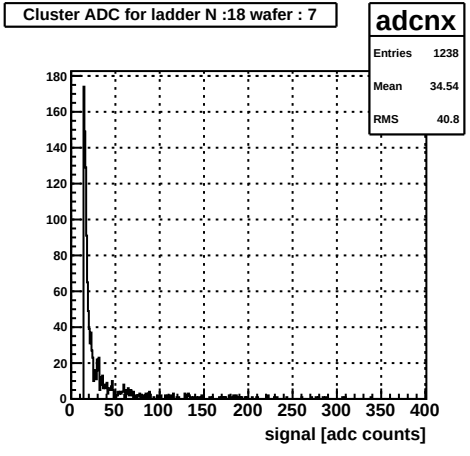

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1287
Mean 38.15
RMS 45.38
signal [adc counts]

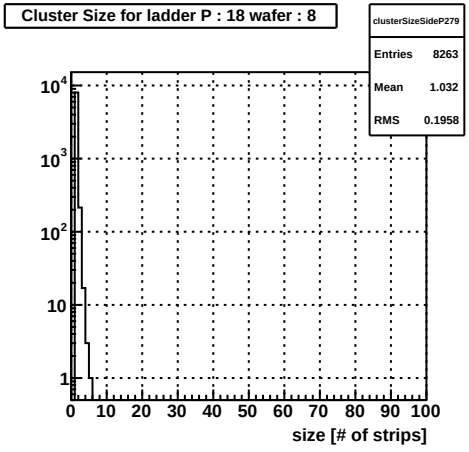

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4126
Mean 1.04
RMS 0.23
size [# of strips]

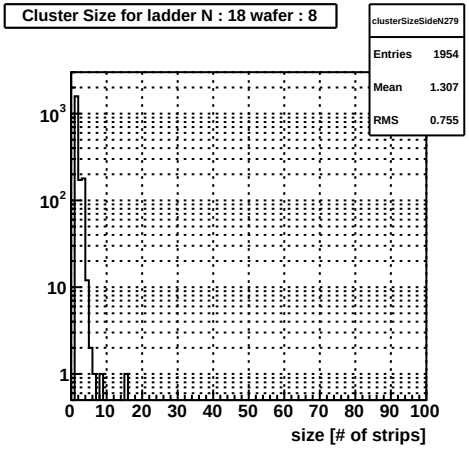

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1238
Mean 1.266
RMS 0.7176
size [# of strips]

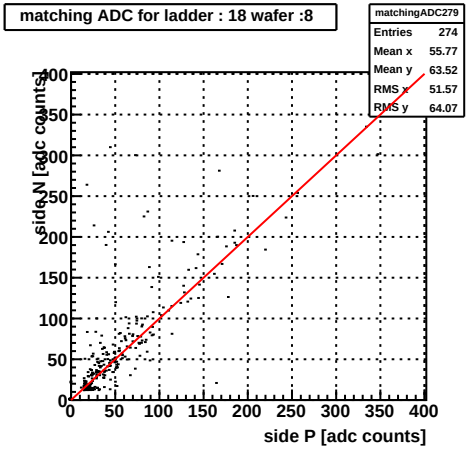

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 78
Mean x 60.66
Mean y 63.88
RMS x 54.87
RMS y 53.3
side N [adc counts]
side P [adc counts]

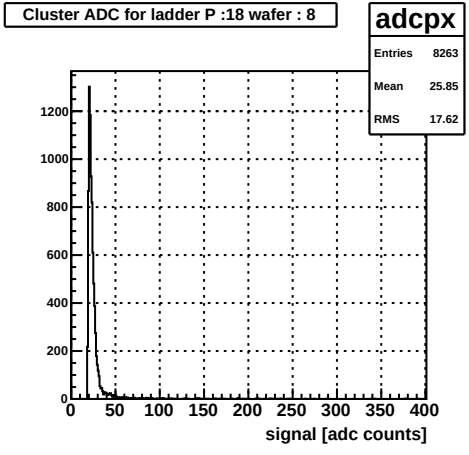

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4126
Mean 29.2
RMS 15.27
signal [adc counts]

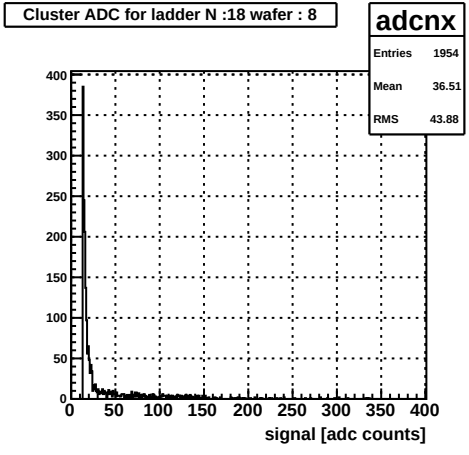

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1238
Mean 34.54
RMS 40.8
signal [adc counts]

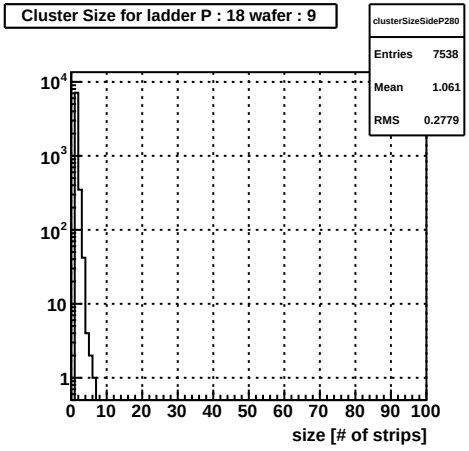

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8263
Mean 1.032
RMS 0.1958
size [# of strips]

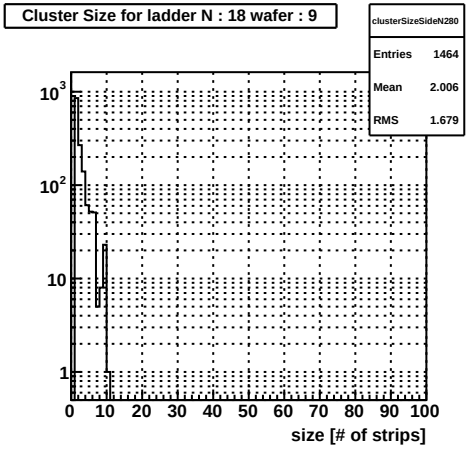

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1954
Mean 1.307
RMS 0.755
size [# of strips]

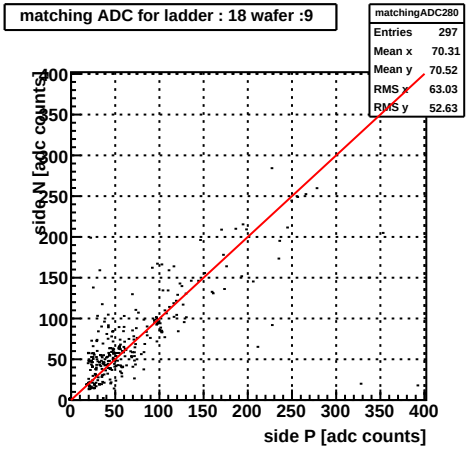

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 274
Mean x 55.77
Mean y 63.52
RMS x 51.57
RMS y 64.07
side N [adc counts]
side P [adc counts]

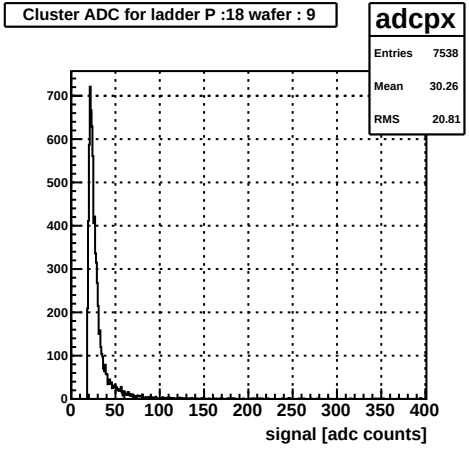

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8263
Mean 25.85
RMS 17.62
signal [adc counts]

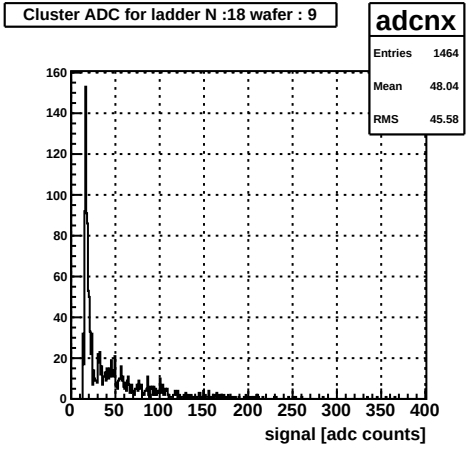

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1954
Mean 36.51
RMS 43.88
signal [adc counts]

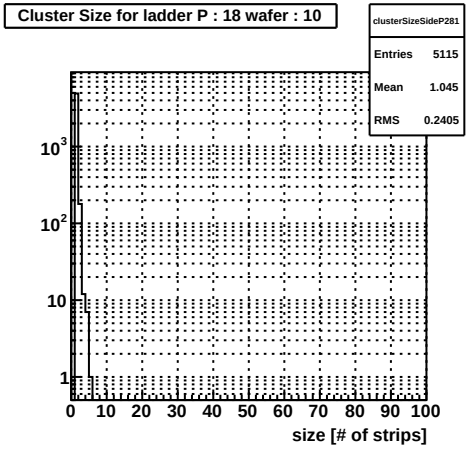

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7538
Mean 1.061
RMS 0.2779
size [# of strips]

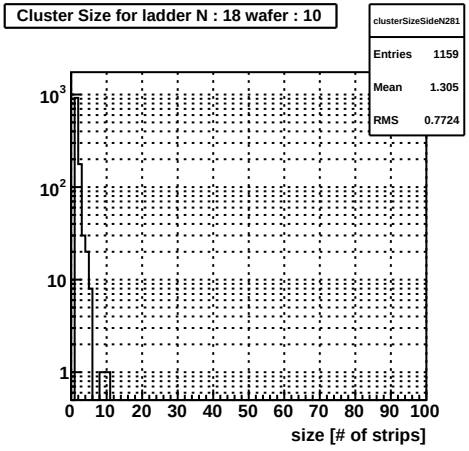

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1464
Mean 2.006
RMS 1.679
size [# of strips]

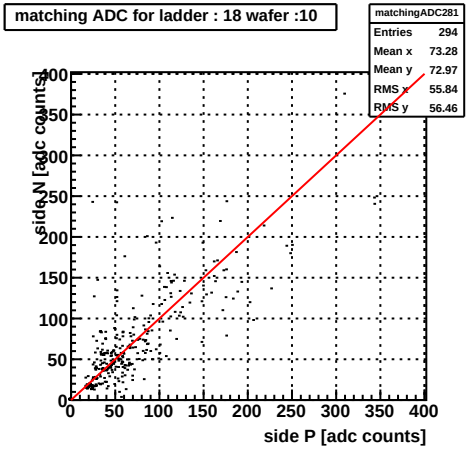

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 297
Mean x 70.31
Mean y 70.52
RMS x 63.03
RMS y 52.63
side N [adc counts]
side P [adc counts]

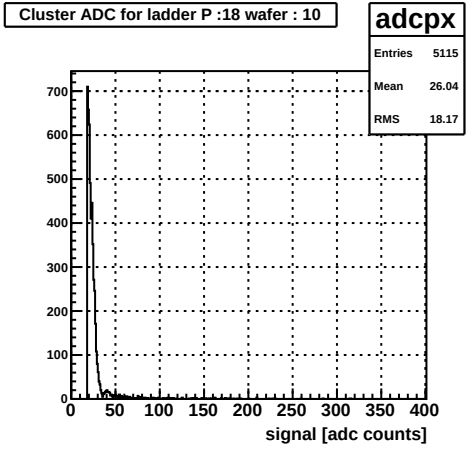

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7538
Mean 30.26
RMS 20.81
signal [adc counts]

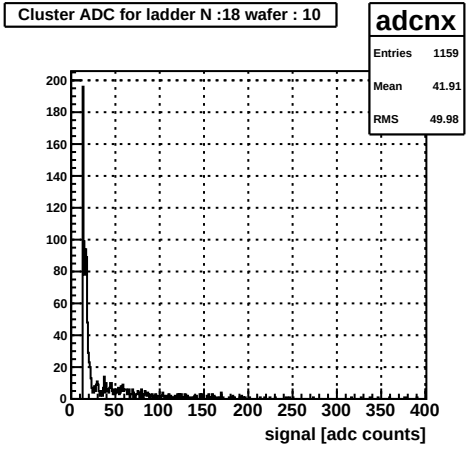

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1464
Mean 48.04
RMS 45.58
signal [adc counts]

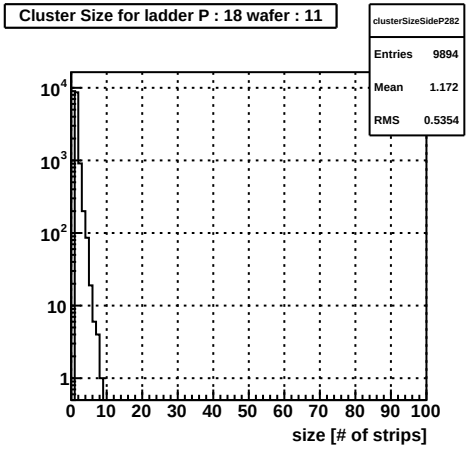

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 5115
Mean 1.045
RMS 0.2405
size [# of strips]

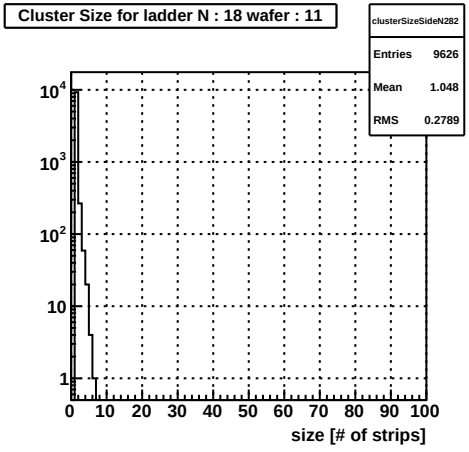

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1159
Mean 1.305
RMS 0.7724
size [# of strips]

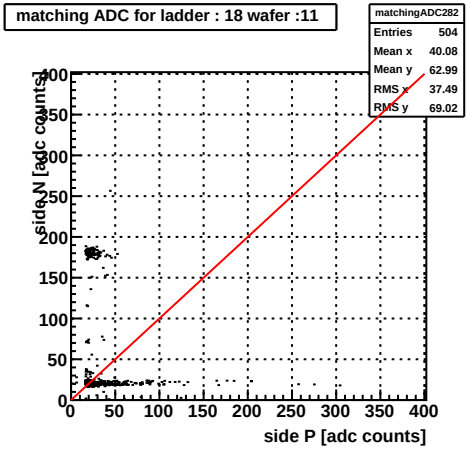

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 294
Mean x 73.28
Mean y 72.97
RMS x 55.84
RMS y 56.46
side N [adc counts]
side P [adc counts]

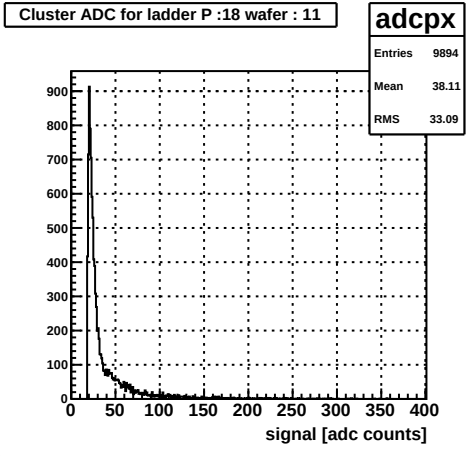

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 5115
Mean 26.04
RMS 18.17
signal [adc counts]

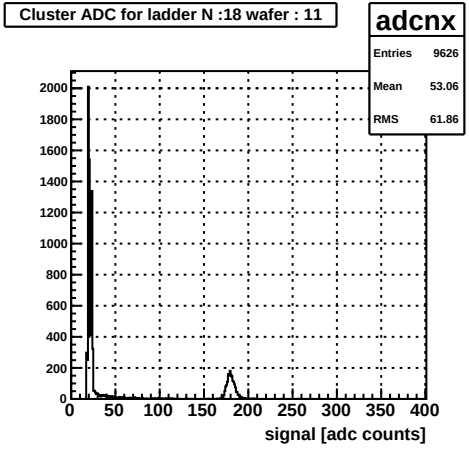

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1159
Mean 41.91
RMS 49.98
signal [adc counts]

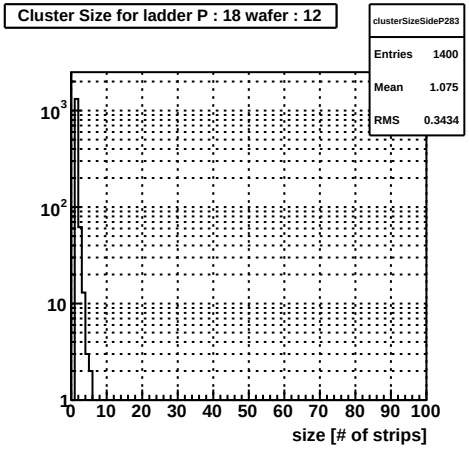

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 9894
Mean 1.172
RMS 0.5354
size [# of strips]

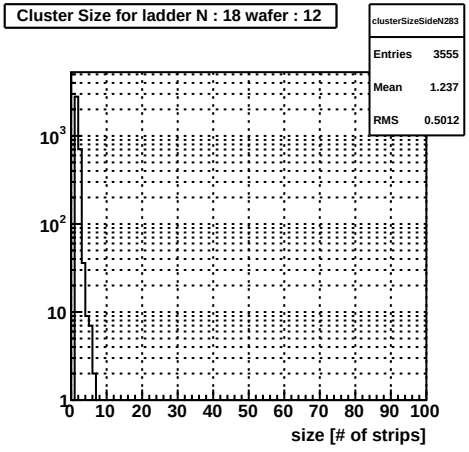

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9626
Mean 1.048
RMS 0.2789
size [# of strips]

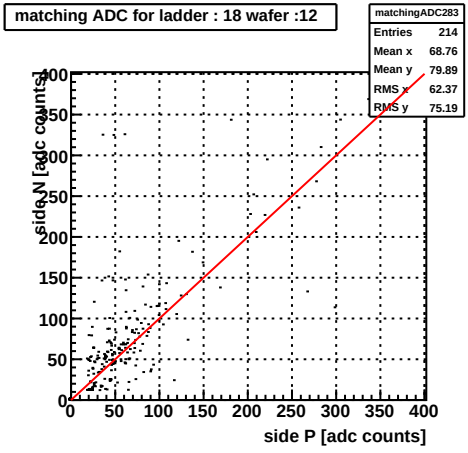

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 504
Mean x 40.08
Mean y 62.99
RMS x 37.49
RMS y 69.02
side N [adc counts]
side P [adc counts]

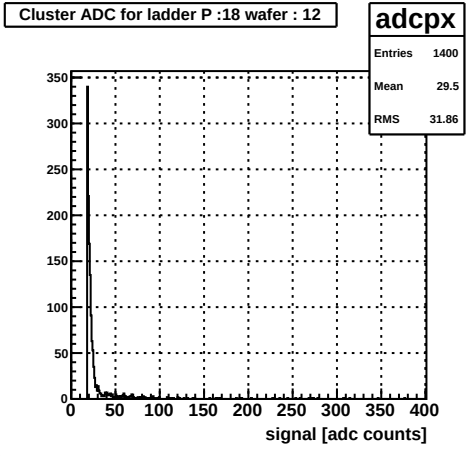

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 9894
Mean 38.11
RMS 33.09
signal [adc counts]

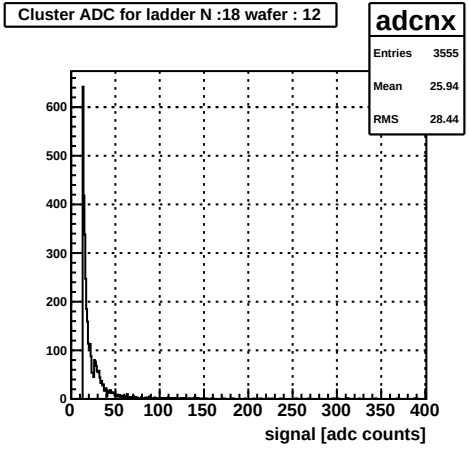

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9626
Mean 53.06
RMS 61.86
signal [adc counts]

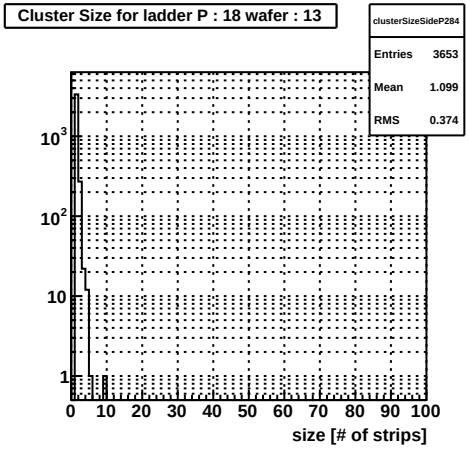

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1400
Mean 1.075
RMS 0.3434
size [# of strips]

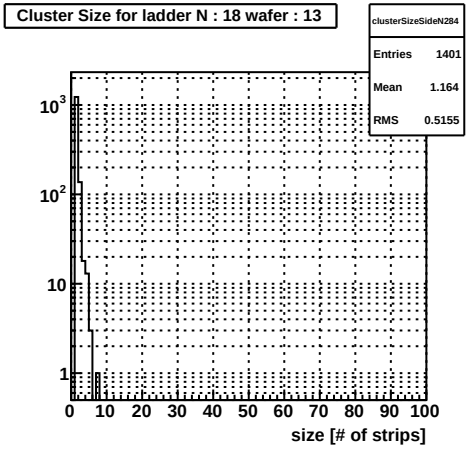

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3555
Mean 1.237
RMS 0.5012
size [# of strips]

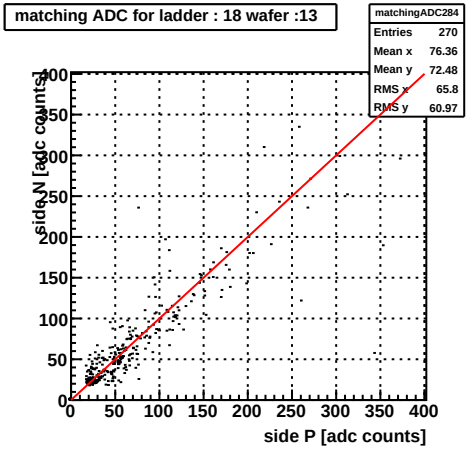

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 214
Mean x 68.76
Mean y 79.89
RMS x 62.37
RMS y 75.19
side N [adc counts]
side P [adc counts]

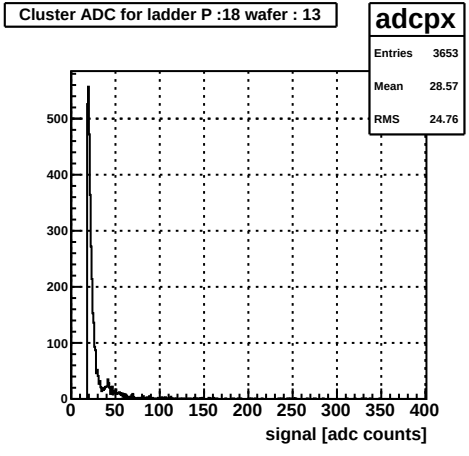

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1400
Mean 29.5
RMS 31.86
signal [adc counts]

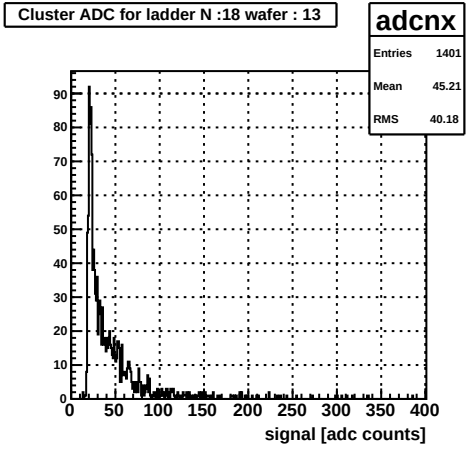

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3555
Mean 25.94
RMS 28.44
signal [adc counts]

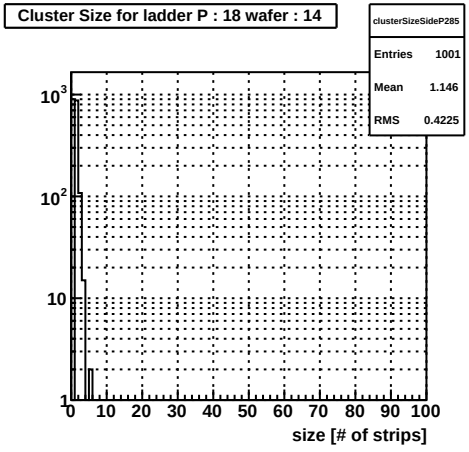

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3653
Mean 1.099
RMS 0.374
size [# of strips]

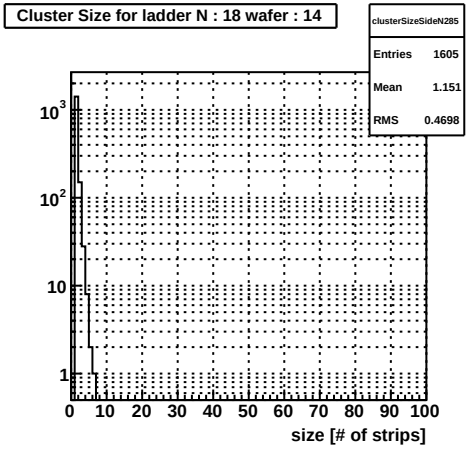

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1401
Mean 1.164
RMS 0.5155
size [# of strips]

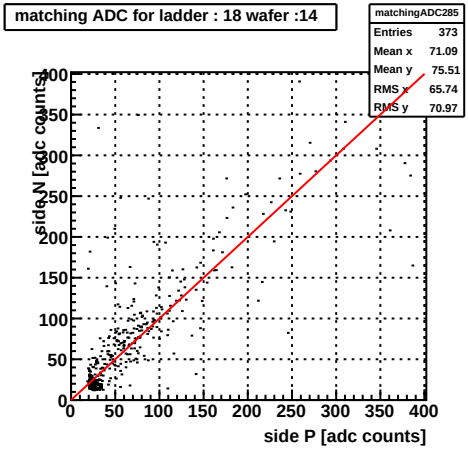

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 270
Mean x 76.36
Mean y 72.48
RMS x 65.8
RMS y 60.97
side N [adc counts]
side P [adc counts]

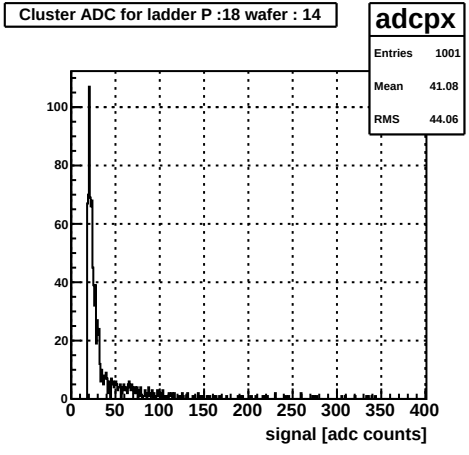

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3653
Mean 28.57
RMS 24.76
signal [adc counts]

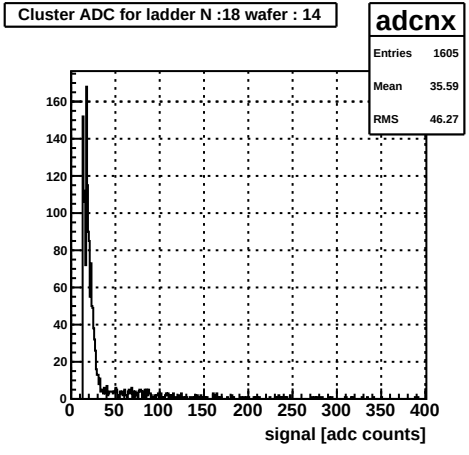

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1401
Mean 45.21
RMS 40.18
signal [adc counts]

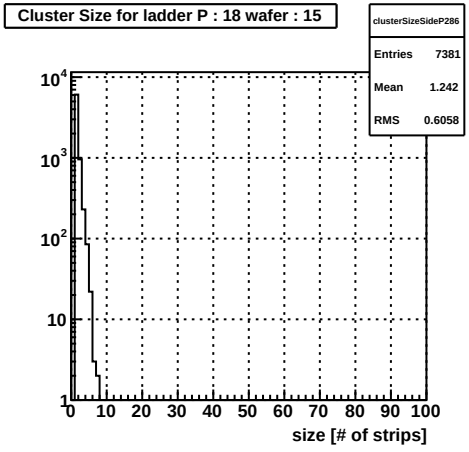

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1001
Mean 1.146
RMS 0.4225
size [# of strips]

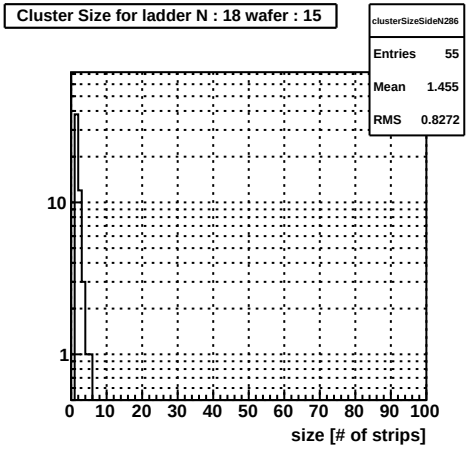

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1605
Mean 1.151
RMS 0.4698
size [# of strips]

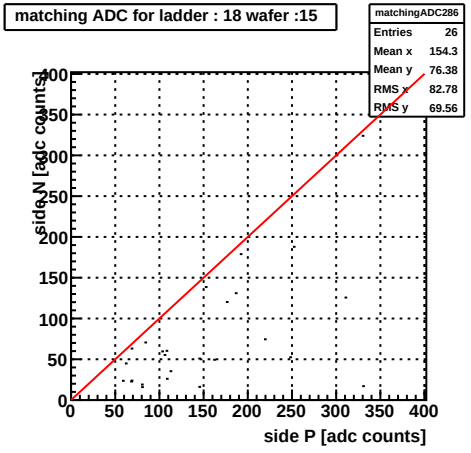

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 373
Mean x 71.09
Mean y 75.51
RMS x 65.74
RMS y 70.97
side N [adc counts]
side P [adc counts]

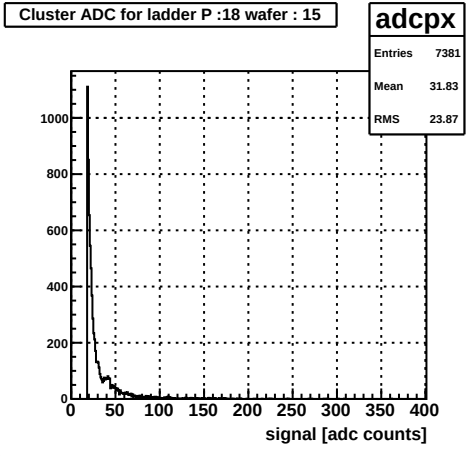

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1001
Mean 41.08
RMS 44.06
signal [adc counts]

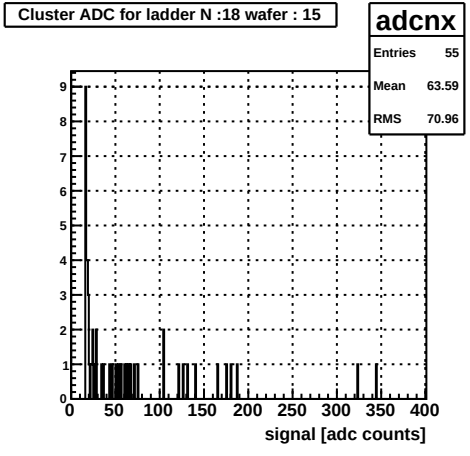

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1605
Mean 35.59
RMS 46.27
signal [adc counts]

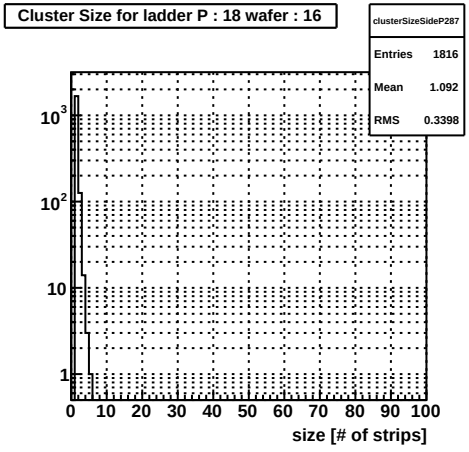

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7381
Mean 1.242
RMS 0.6058
size [# of strips]

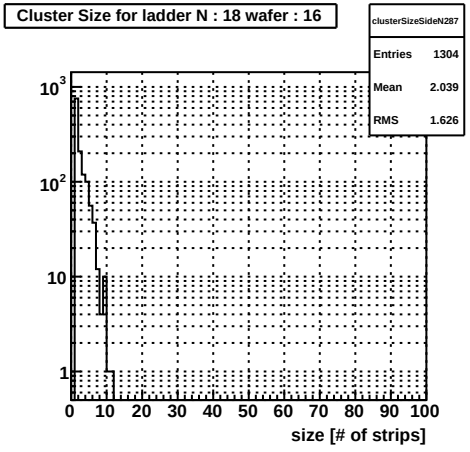

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 55
Mean 1.455
RMS 0.8272
size [# of strips]

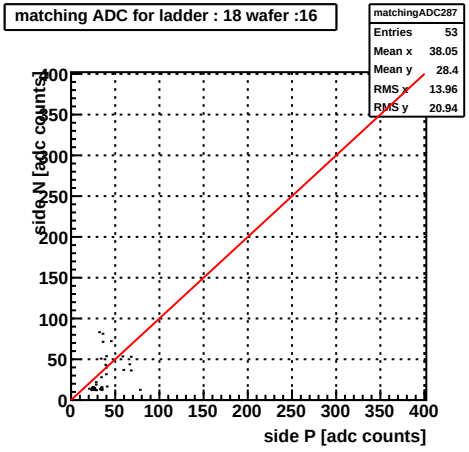

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 26
Mean x 154.3
Mean y 76.38
RMS x 82.78
RMS y 69.56
side N [adc counts]
side P [adc counts]

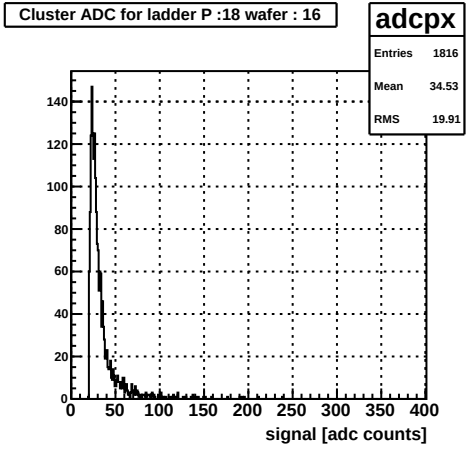

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7381
Mean 31.83
RMS 23.87
signal [adc counts]

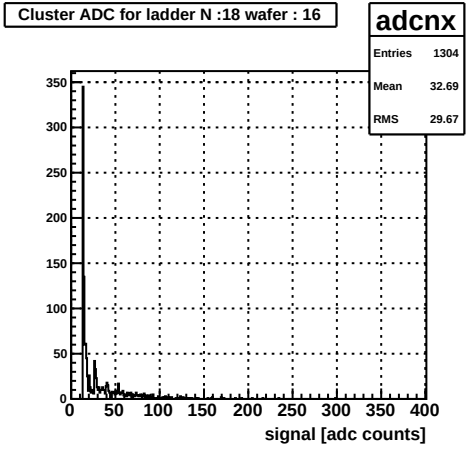

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 55
Mean 63.59
RMS 70.96
signal [adc counts]

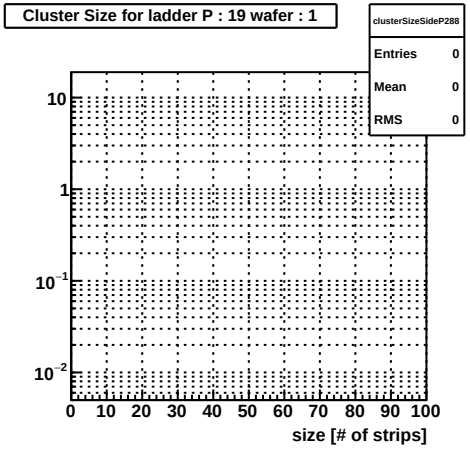

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1816
Mean 1.092
RMS 0.3398
size [# of strips]

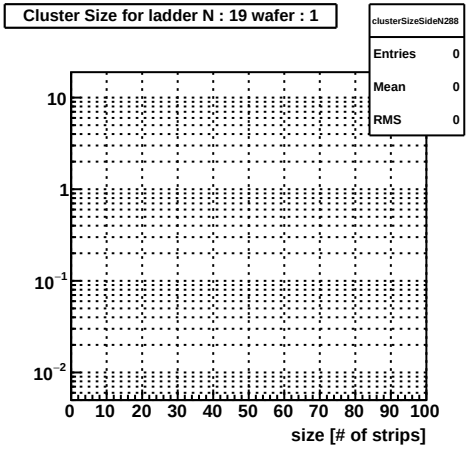

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1304
Mean 2.039
RMS 1.626
size [# of strips]

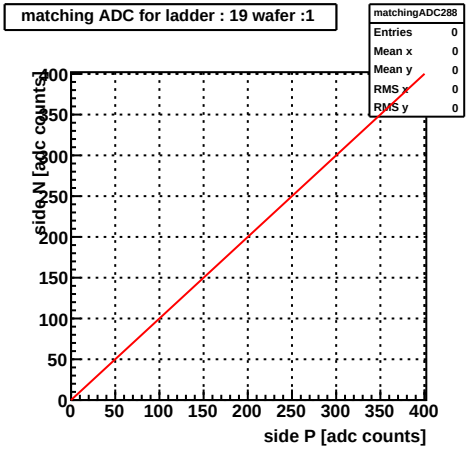

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 53
Mean x 38.05
Mean y 28.4
RMS x 13.96
RMS y 20.94
side N [adc counts]
side P [adc counts]

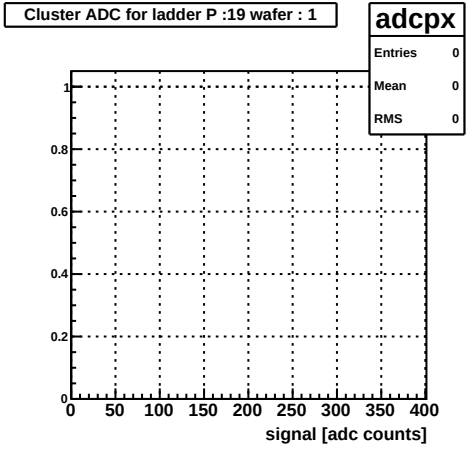

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1816
Mean 34.53
RMS 19.91
signal [adc counts]

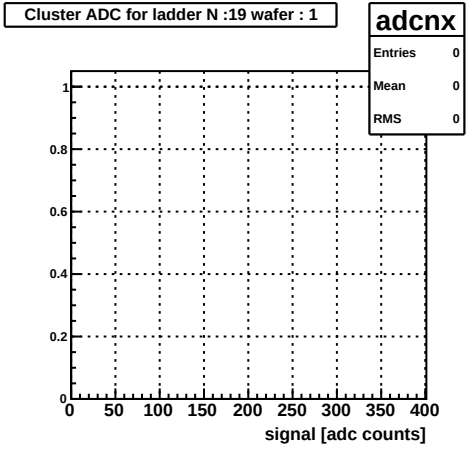

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1304
Mean 32.69
RMS 29.67
signal [adc counts]

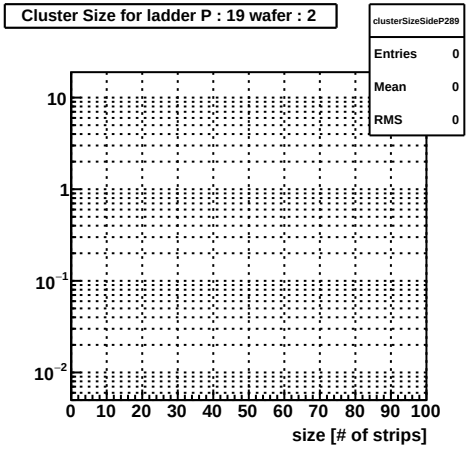

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

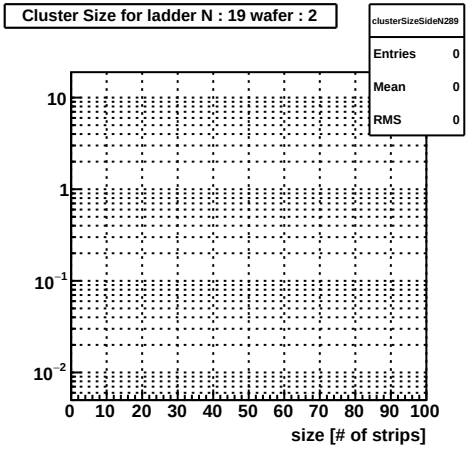

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

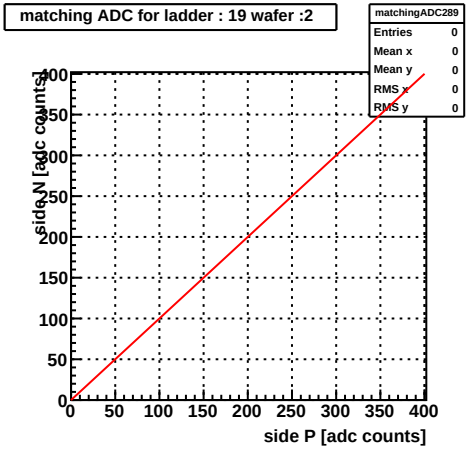

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

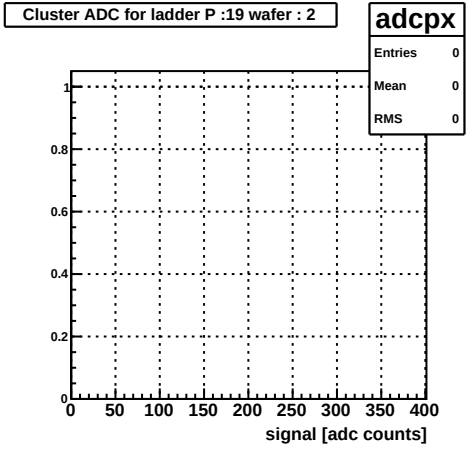

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

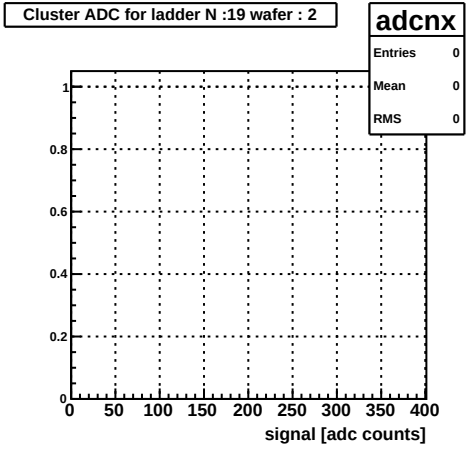

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

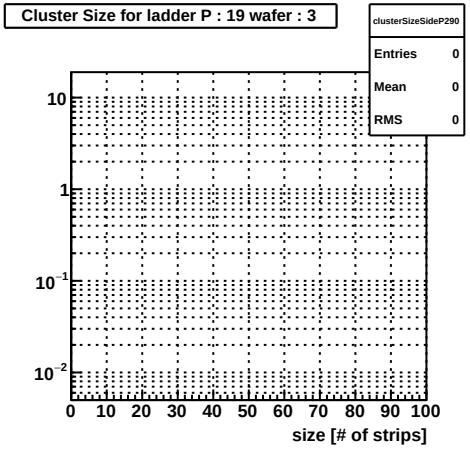

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

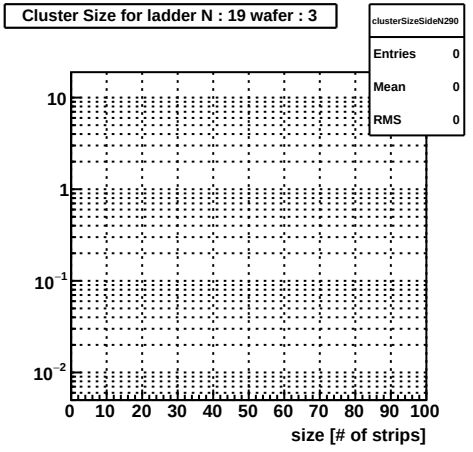

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

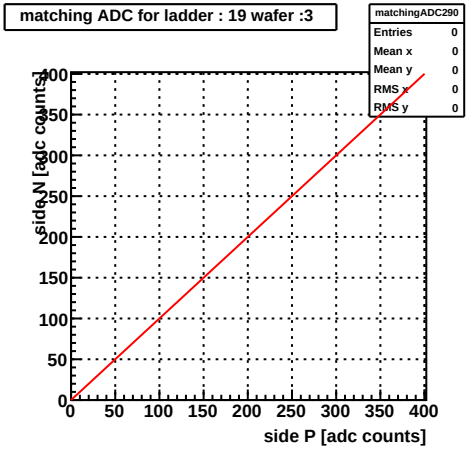

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

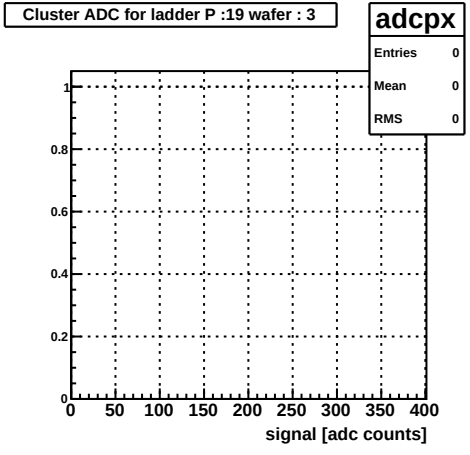

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

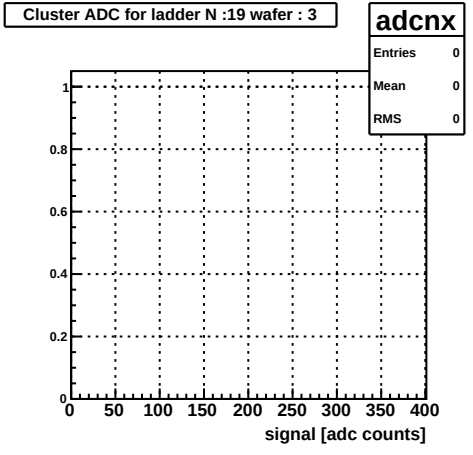

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

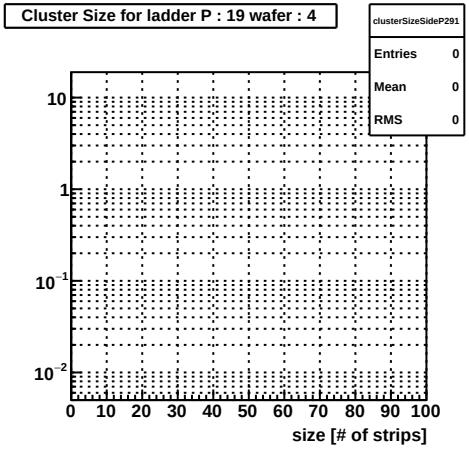

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

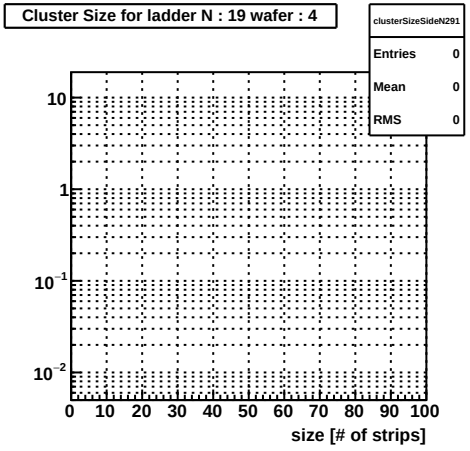

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

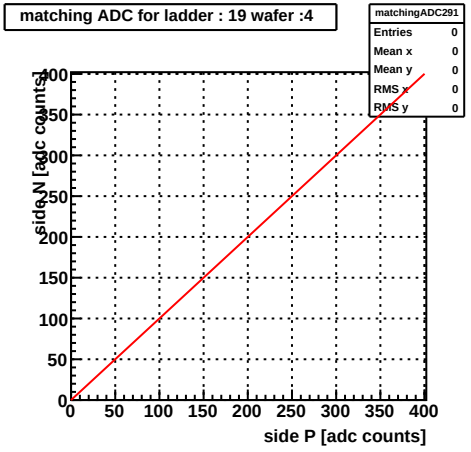

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

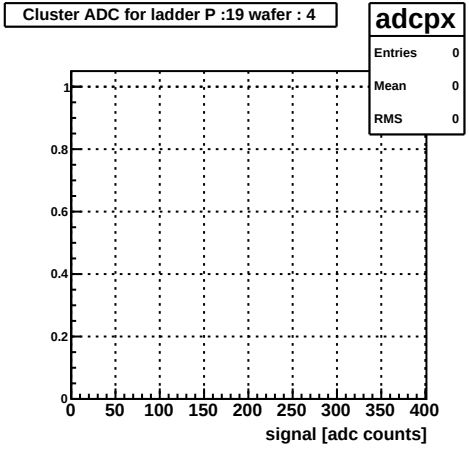

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

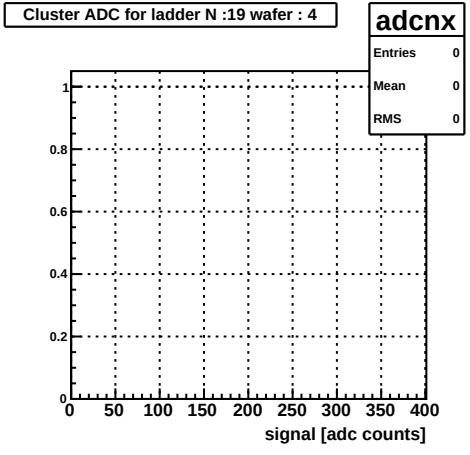

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

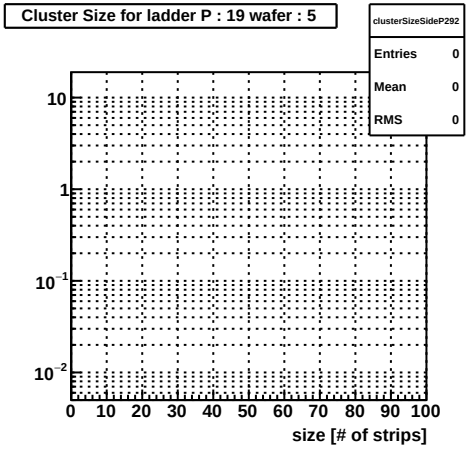

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

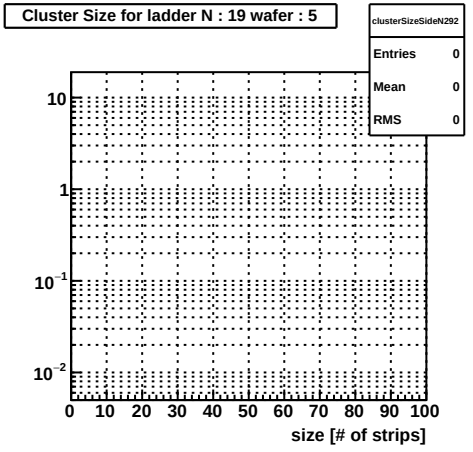

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

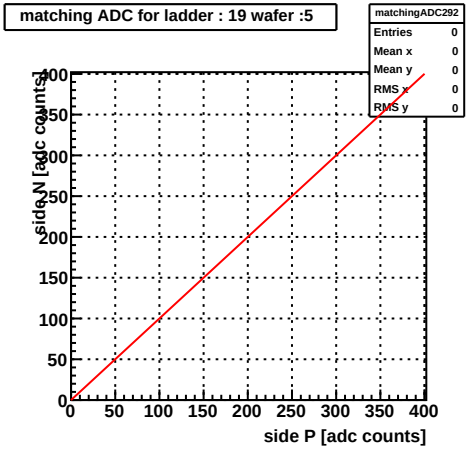

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

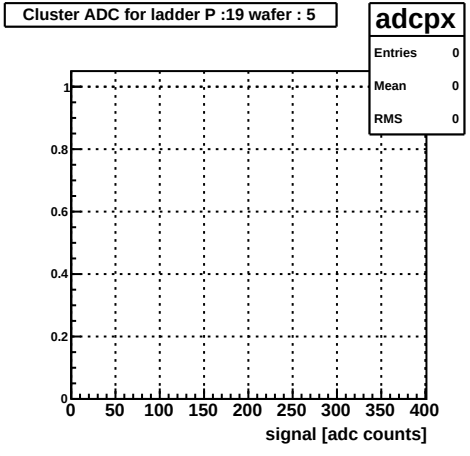

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

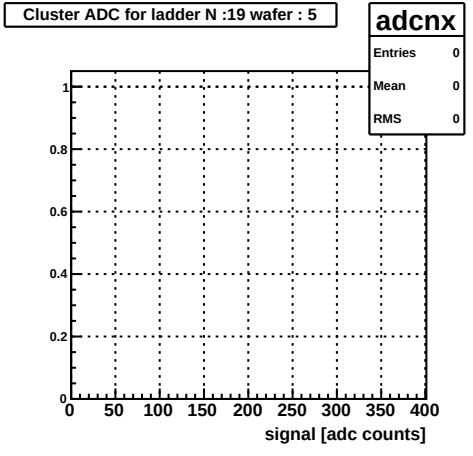

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

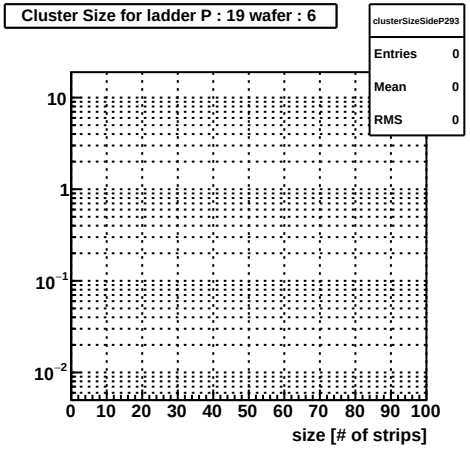

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

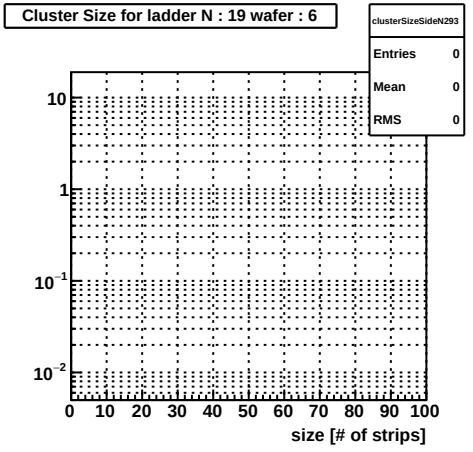

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

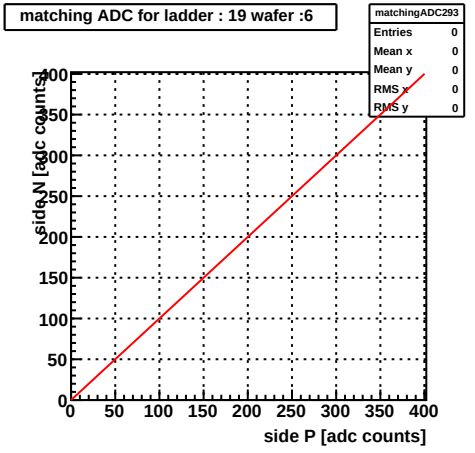

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

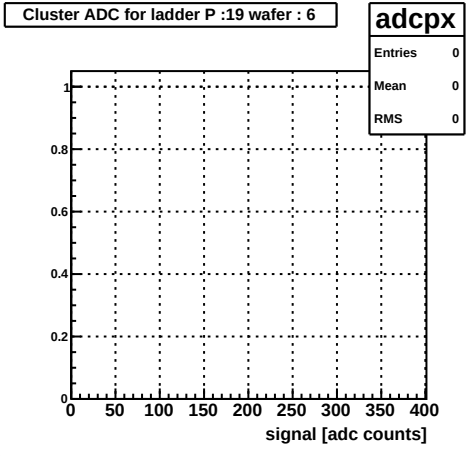

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

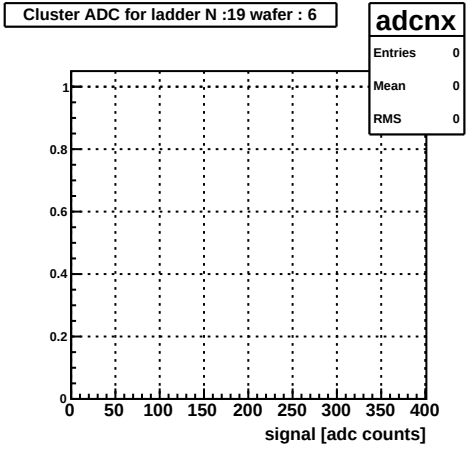

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

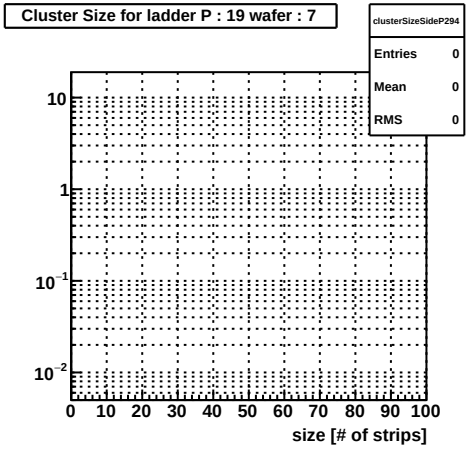

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

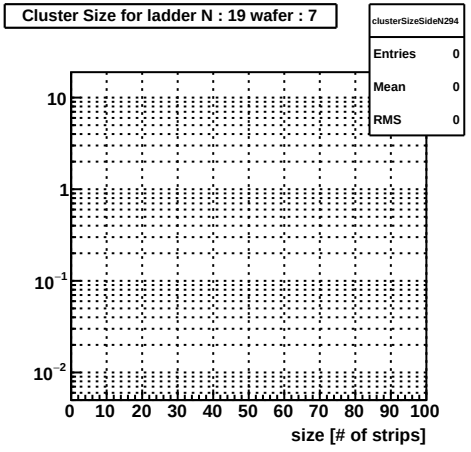

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

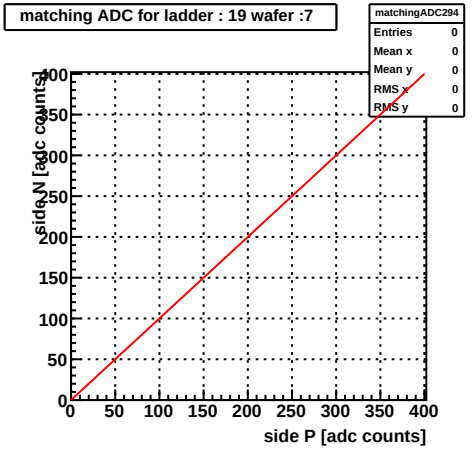

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

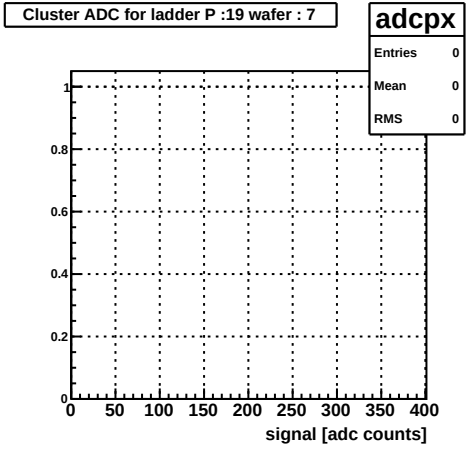

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

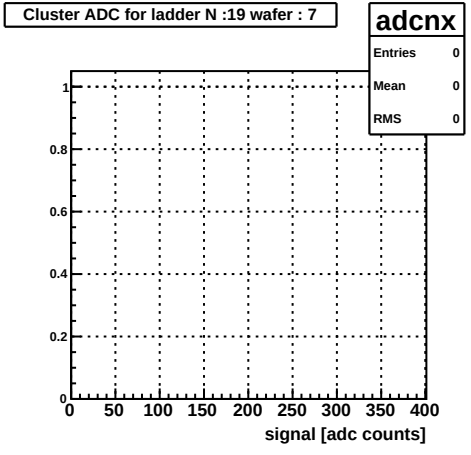

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

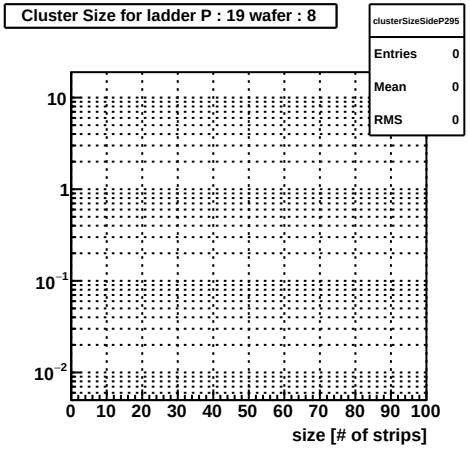

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

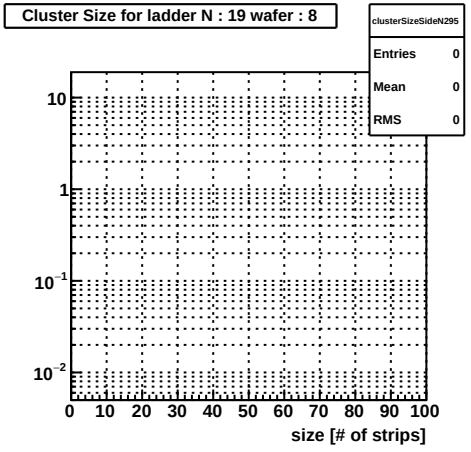

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

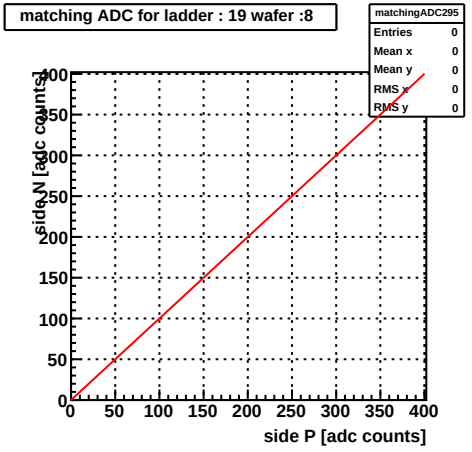

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

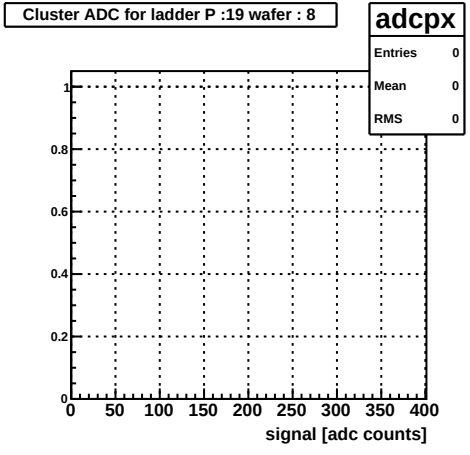

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

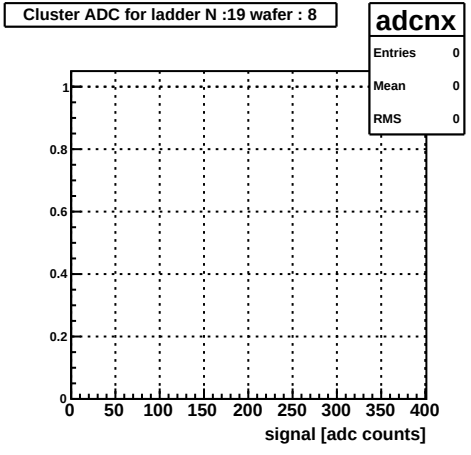

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

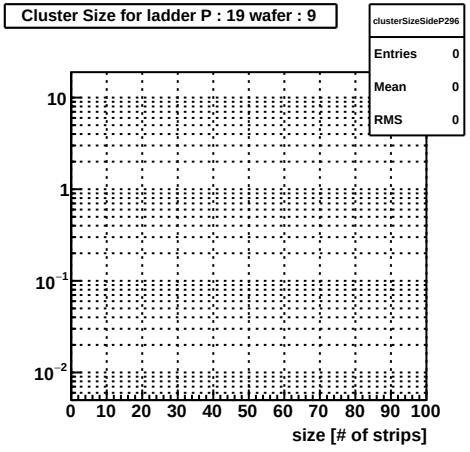

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

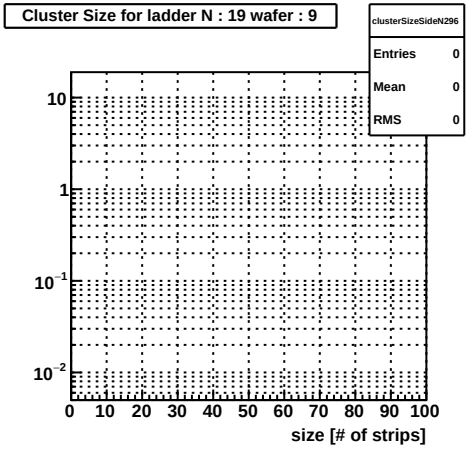

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

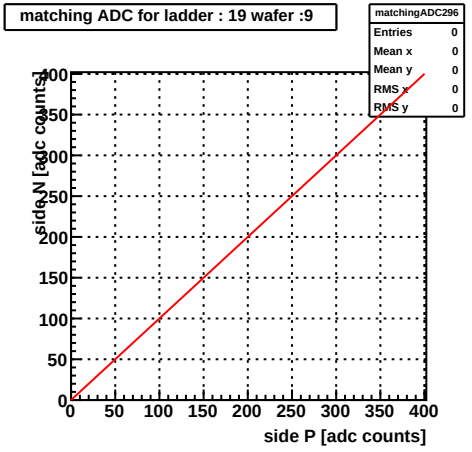

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

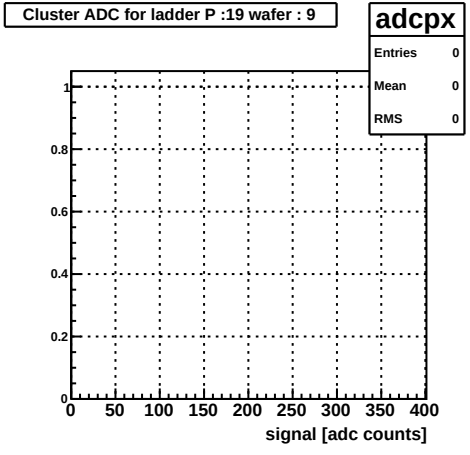

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

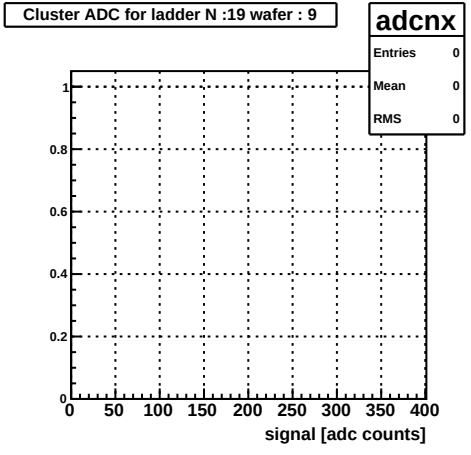

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

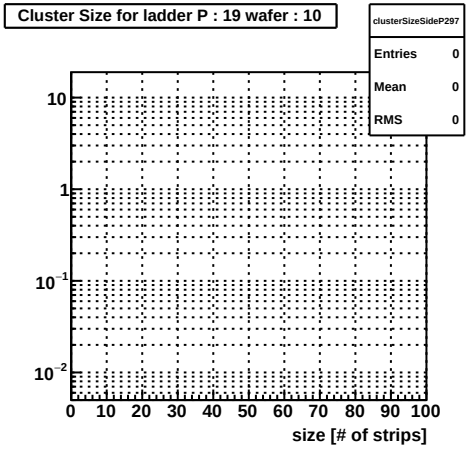

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

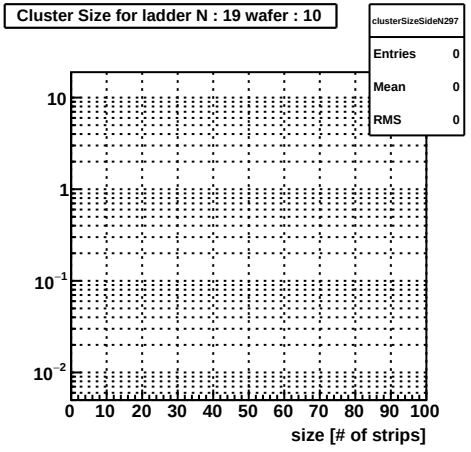

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

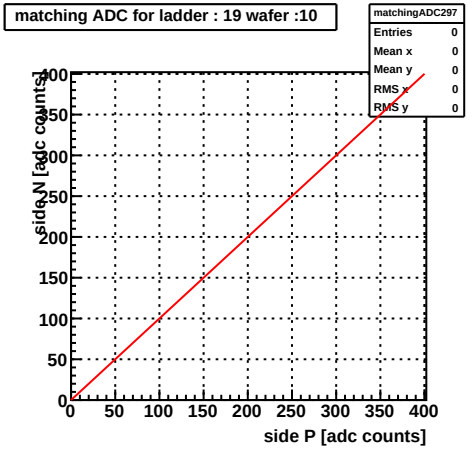

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

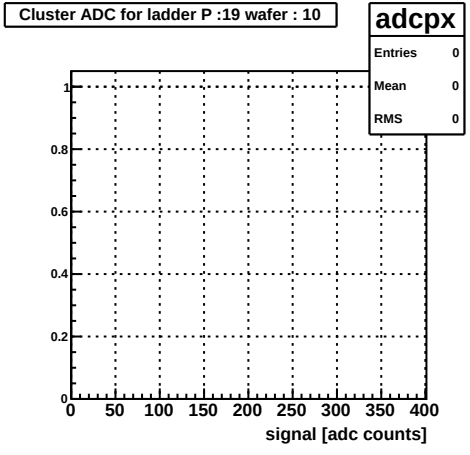

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

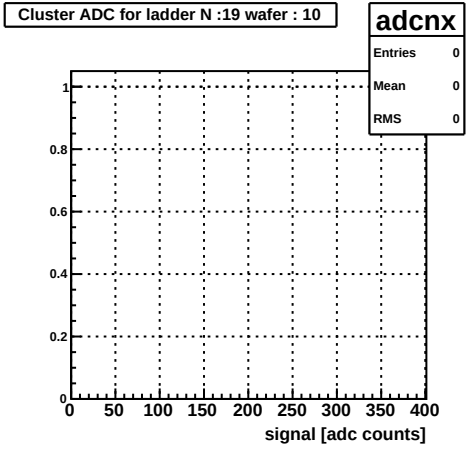

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

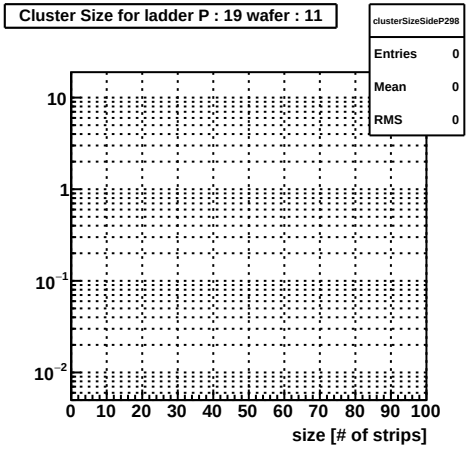

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

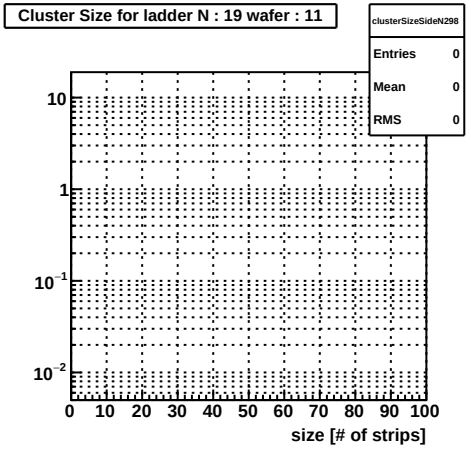

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

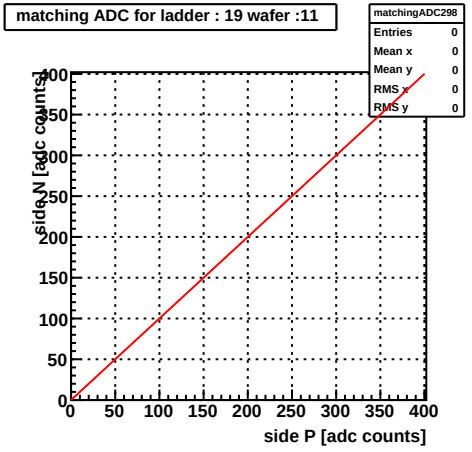

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

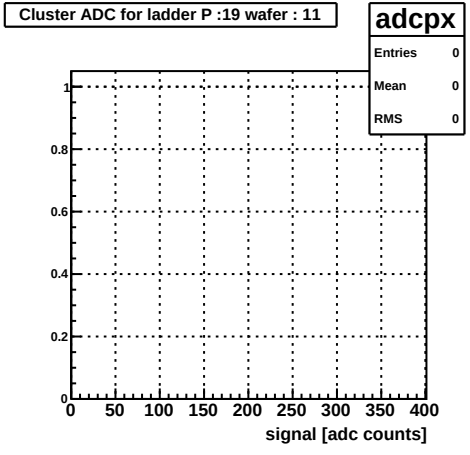

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

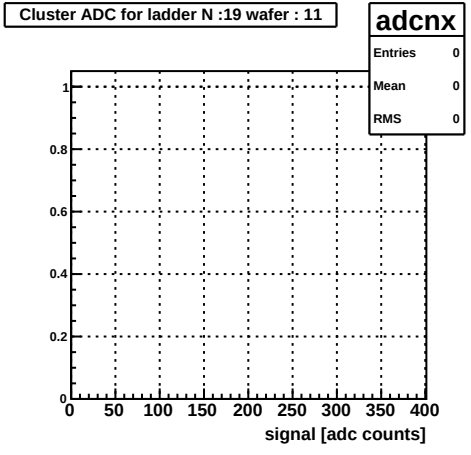

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

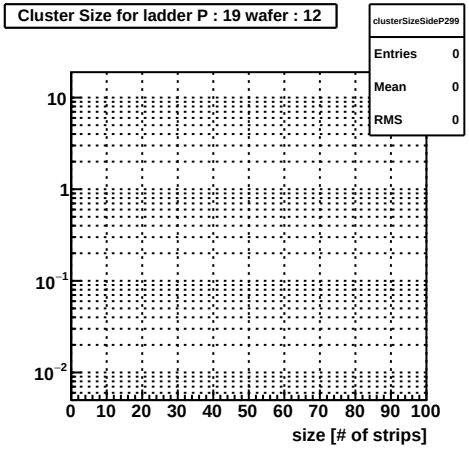

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

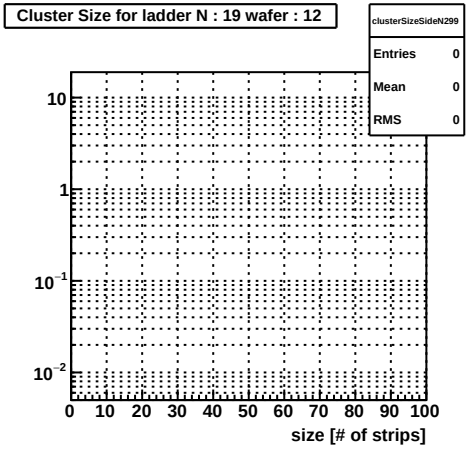

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

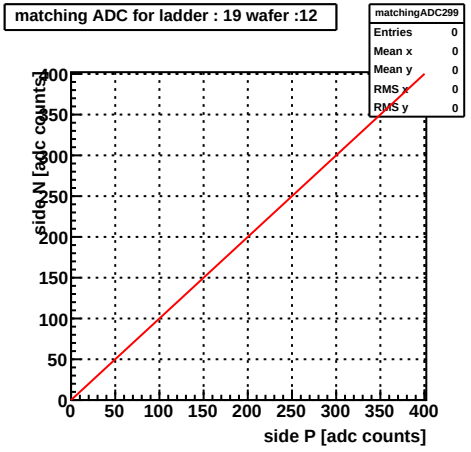

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

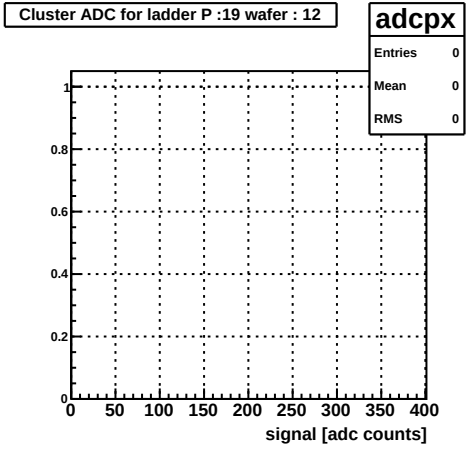

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

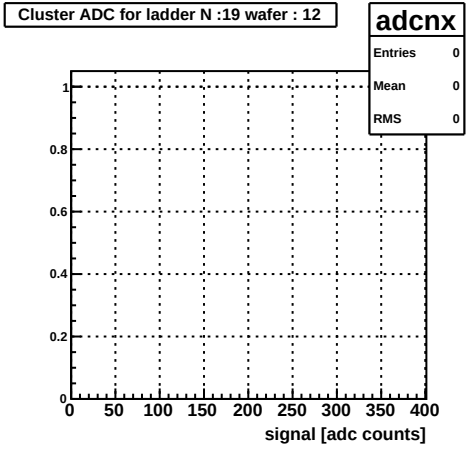

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

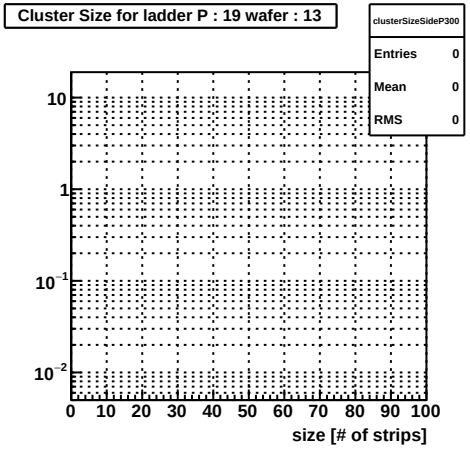

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

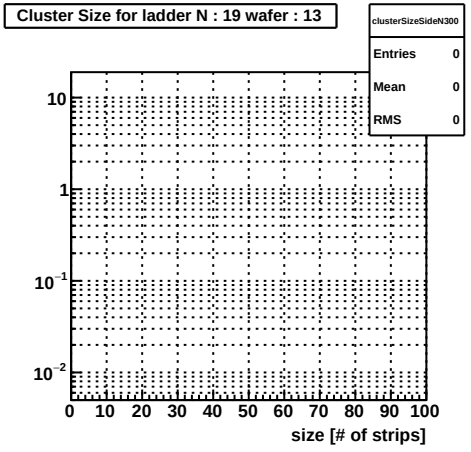

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

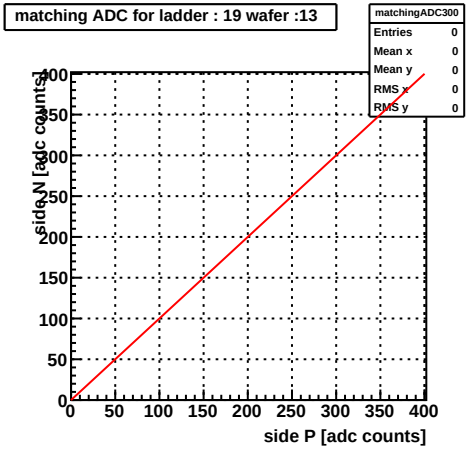

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

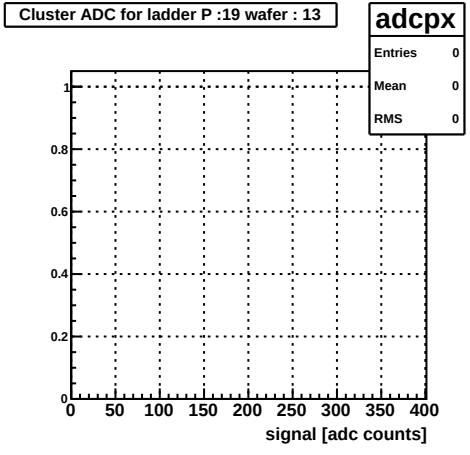

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

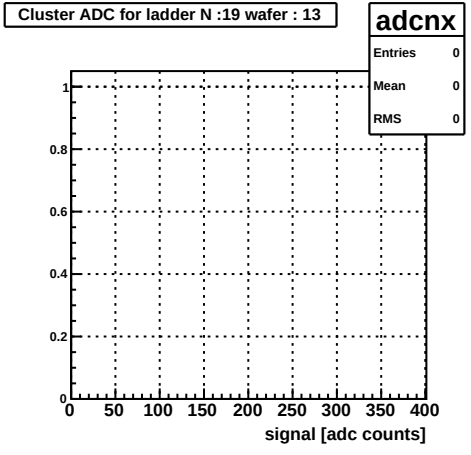

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

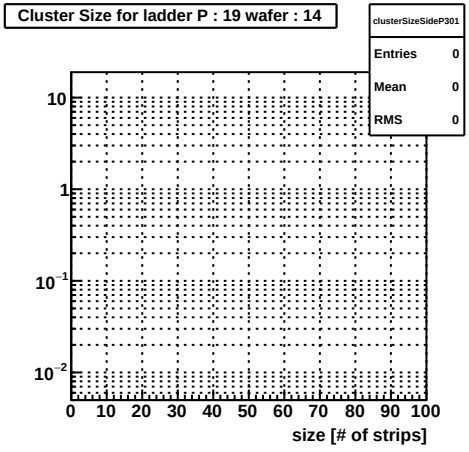

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

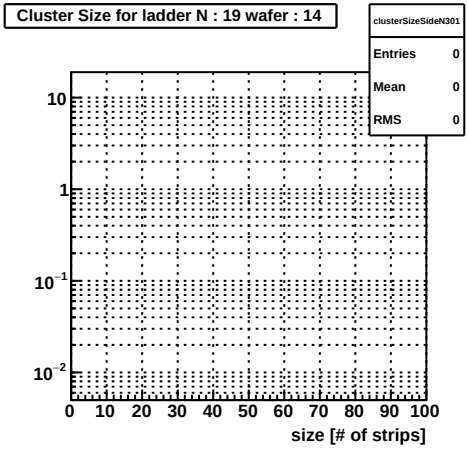

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

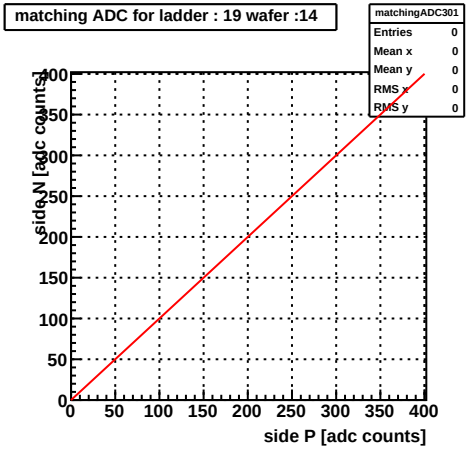

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

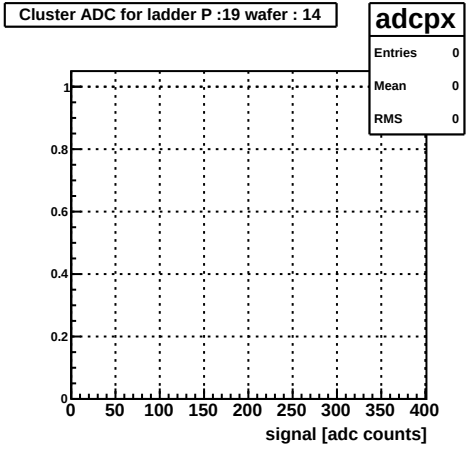

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

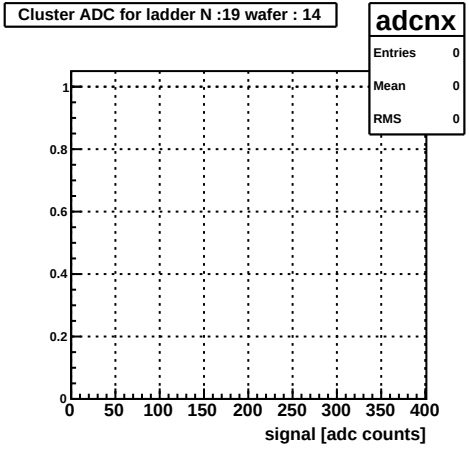

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

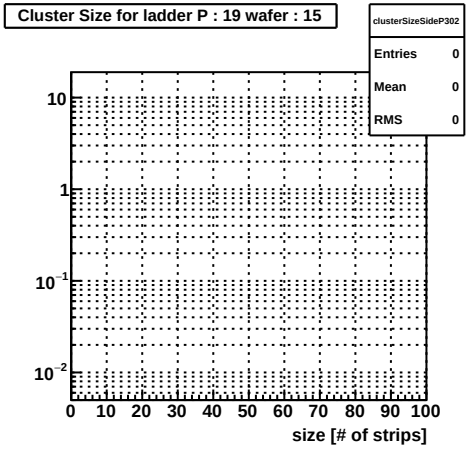

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

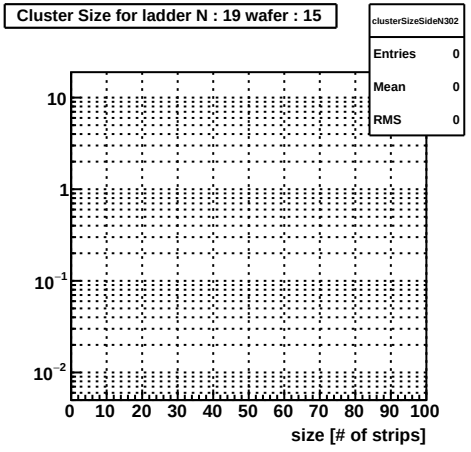

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

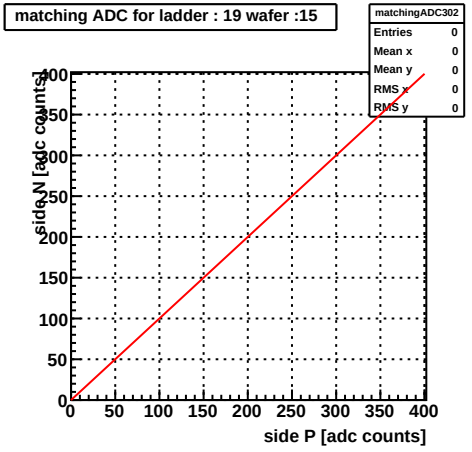

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

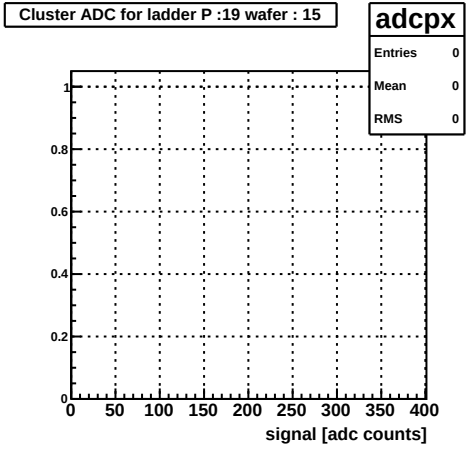

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

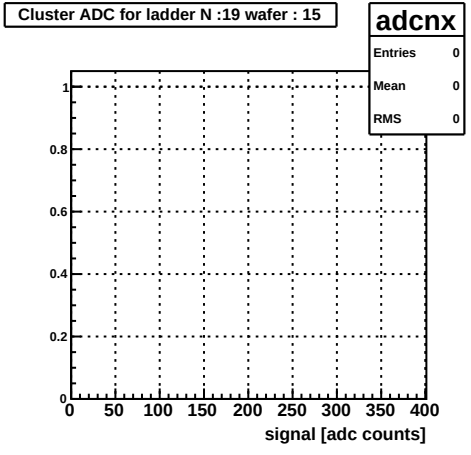

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

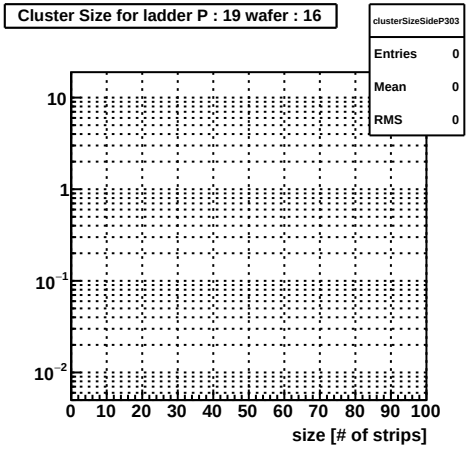

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

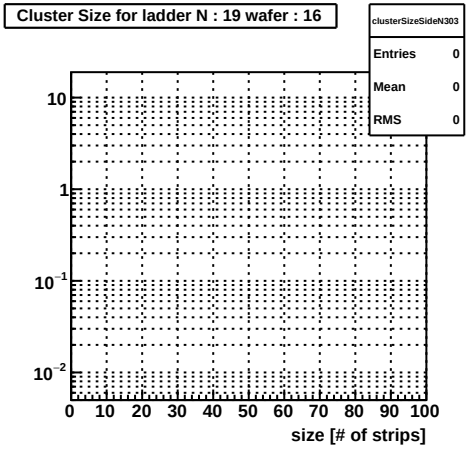

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

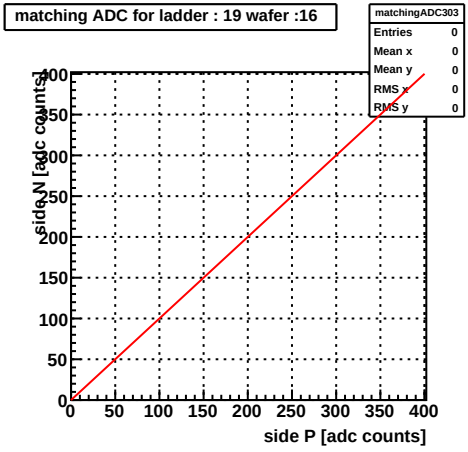

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

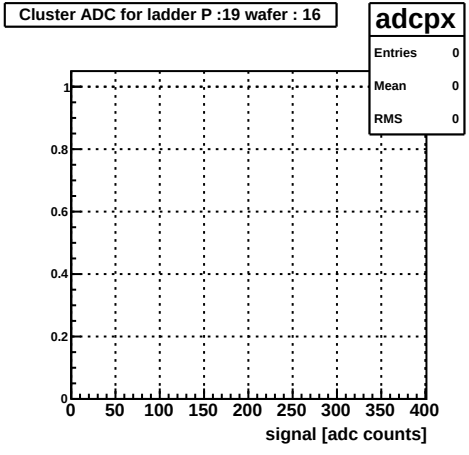

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

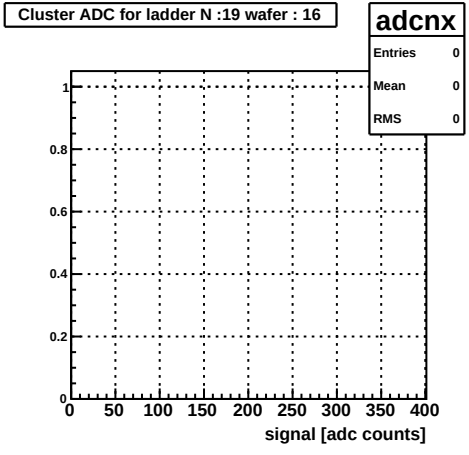

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

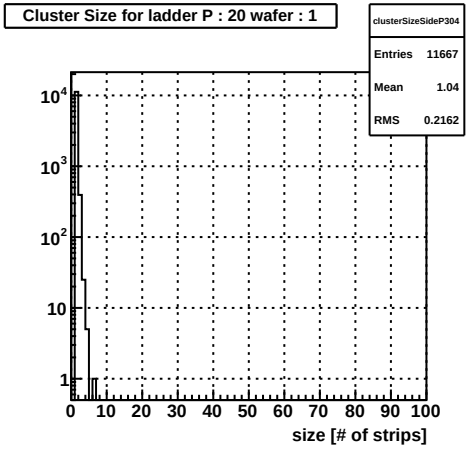

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

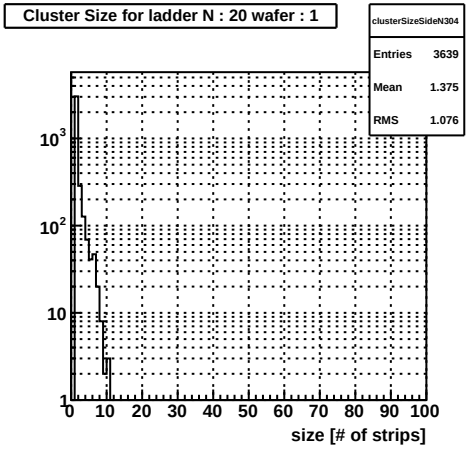

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

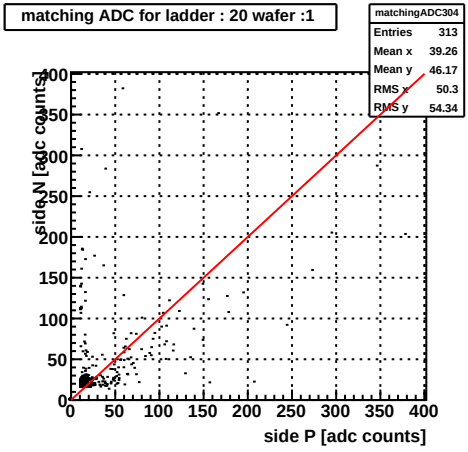

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

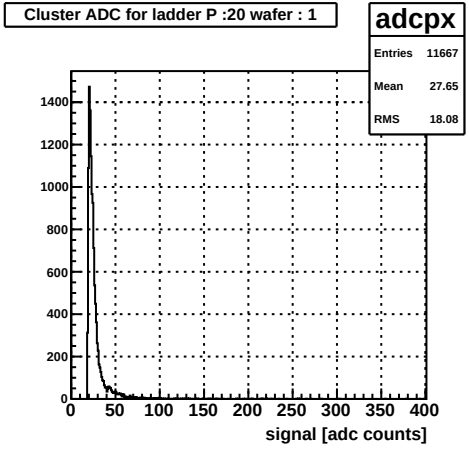

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

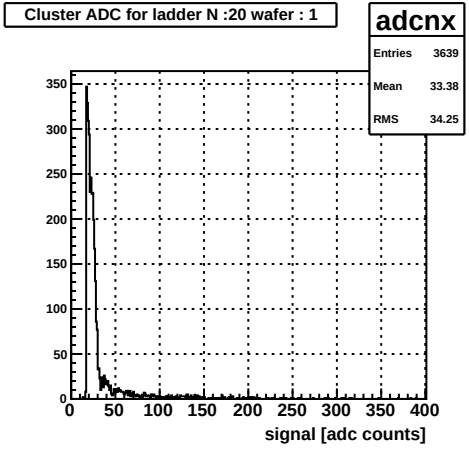

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

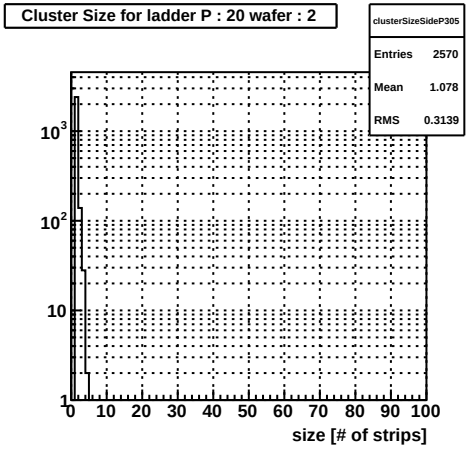

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 11667
Mean 1.04
RMS 0.2162
size [# of strips]

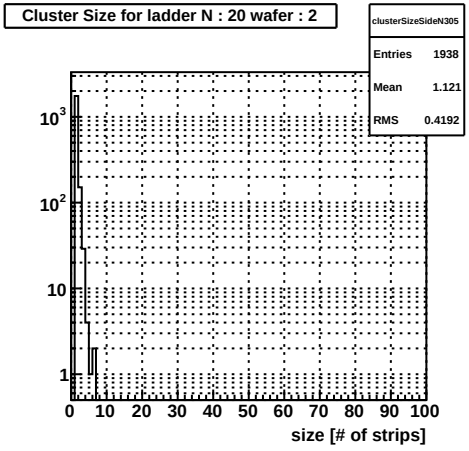

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3639
Mean 1.375
RMS 1.076
size [# of strips]

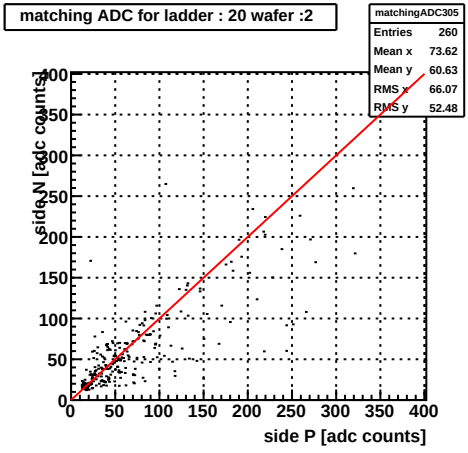

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 313
Mean x 39.26
Mean y 46.17
RMS x 50.3
RMS y 54.34
side N [adc counts]
side P [adc counts]

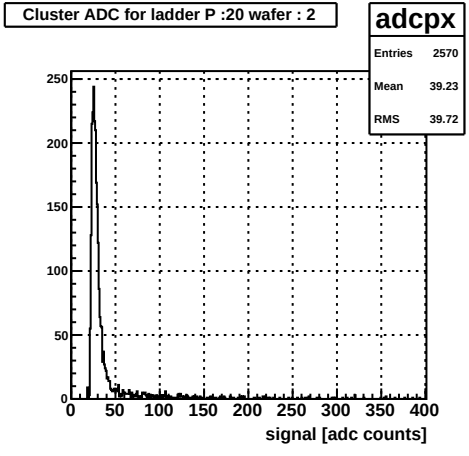

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 11667
Mean 27.65
RMS 18.08
signal [adc counts]

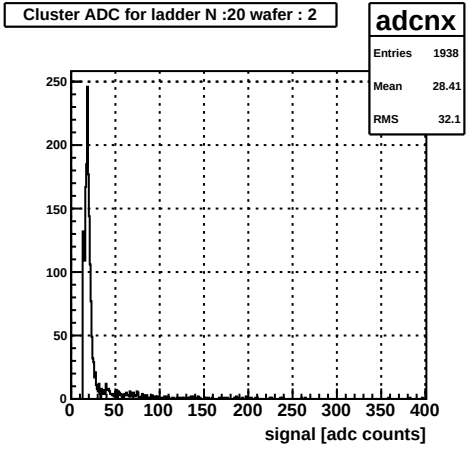

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3639
Mean 33.38
RMS 34.25
signal [adc counts]

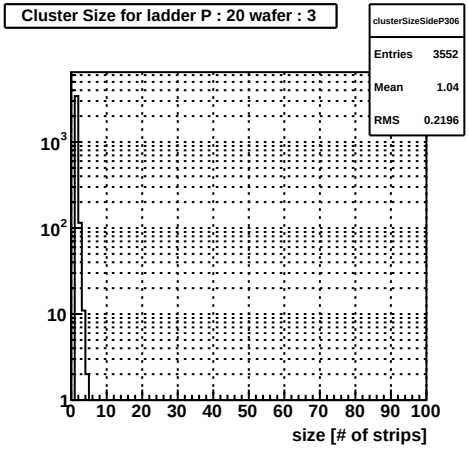

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2570
Mean 1.078
RMS 0.3139
size [# of strips]

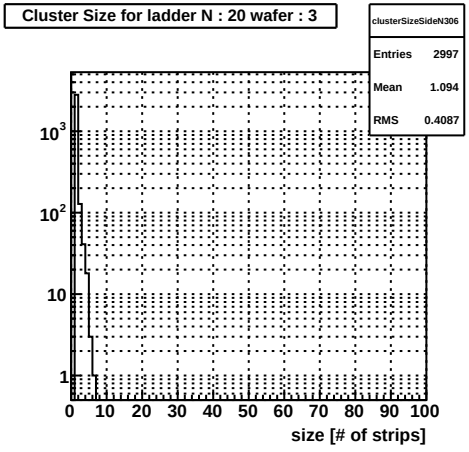

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1938
Mean 1.121
RMS 0.4192
size [# of strips]

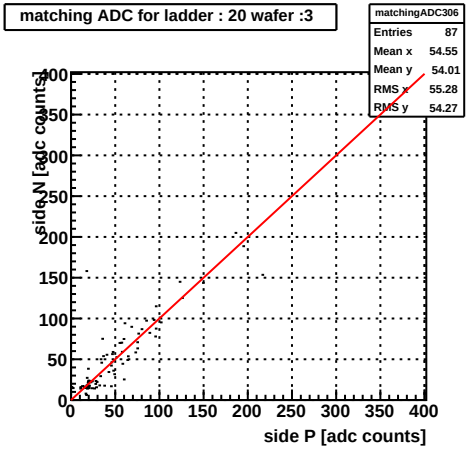

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 260
Mean x 73.62
Mean y 60.63
RMS x 66.07
RMS y 52.48
side N [adc counts]
side P [adc counts]

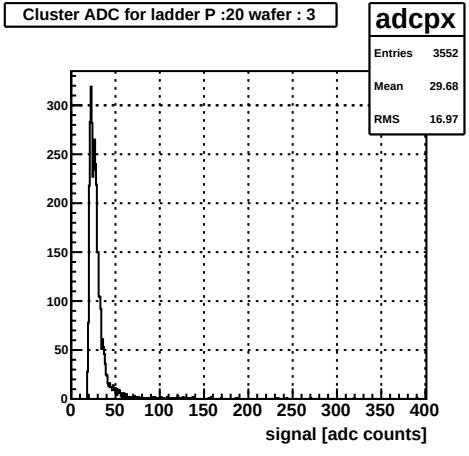

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2570
Mean 39.23
RMS 39.72
signal [adc counts]

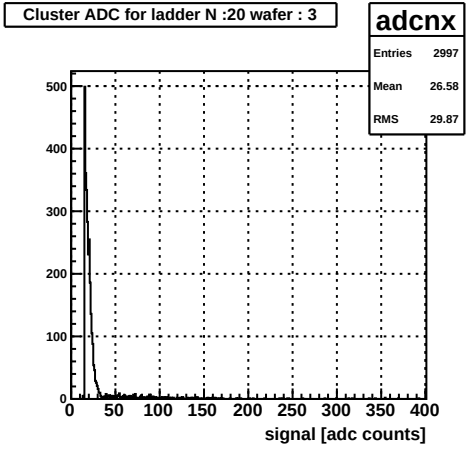

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1938
Mean 28.41
RMS 32.1
signal [adc counts]

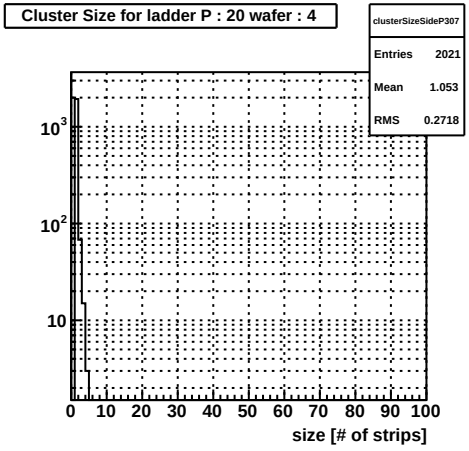

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3552
Mean 1.04
RMS 0.2196
size [# of strips]

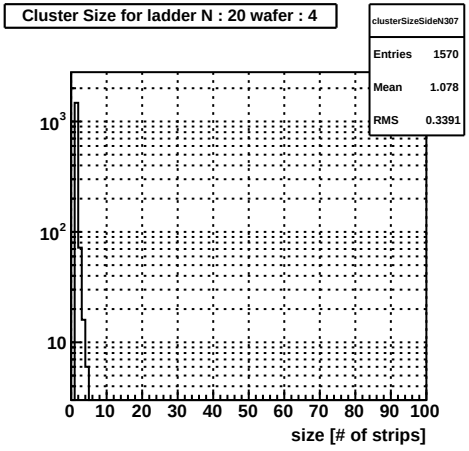

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2997
Mean 1.094
RMS 0.4087
size [# of strips]

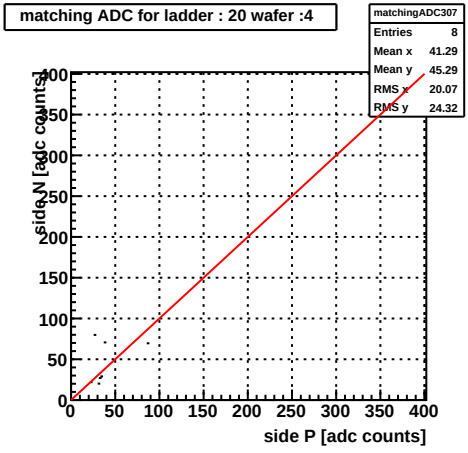

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 87
Mean x 54.55
Mean y 54.01
RMS x 55.28
RMS y 54.27
side N [adc counts]
side P [adc counts]

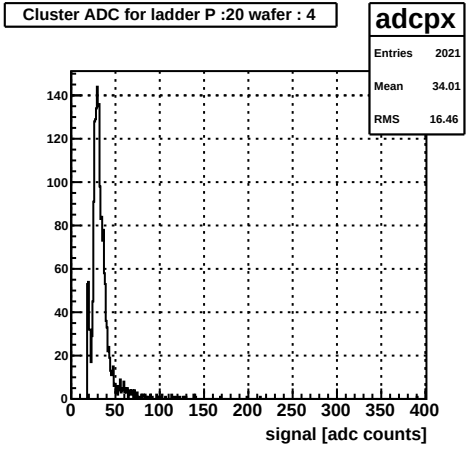

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3552
Mean 29.68
RMS 16.97
signal [adc counts]

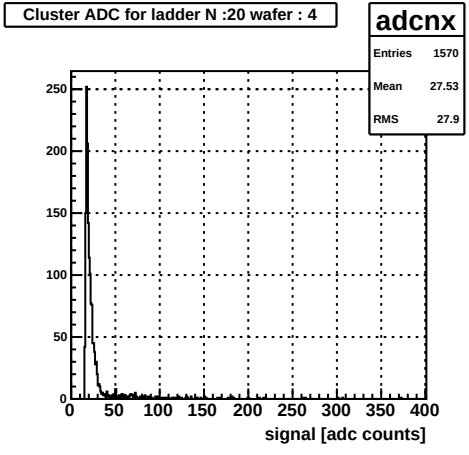

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2997
Mean 26.58
RMS 29.87
signal [adc counts]

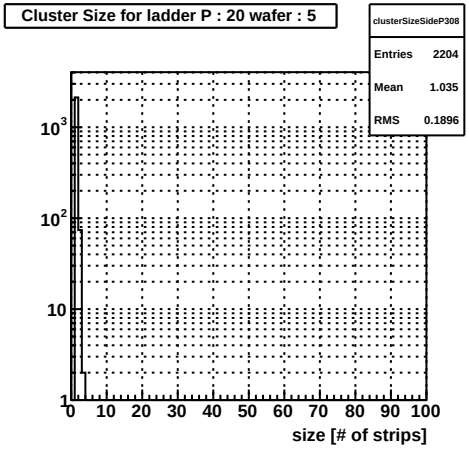

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2021
Mean 1.053
RMS 0.2718
size [# of strips]

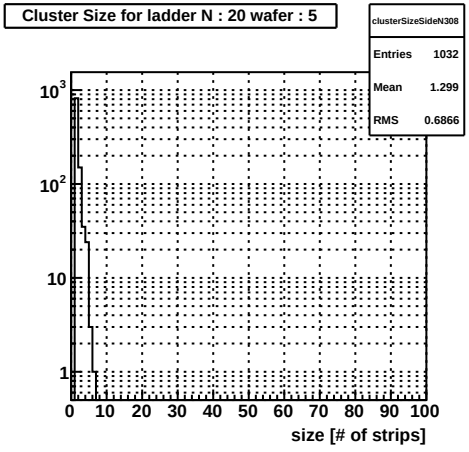

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1570
Mean 1.078
RMS 0.3391
size [# of strips]

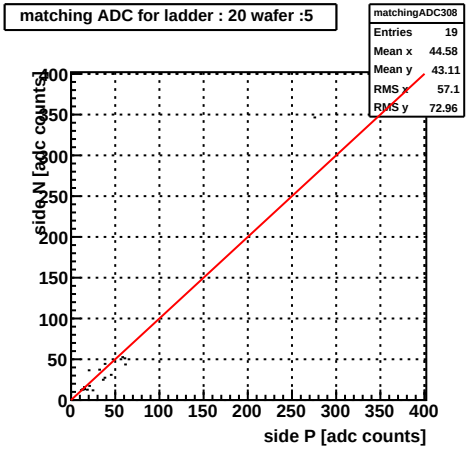

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 8
Mean x 41.29
Mean y 45.29
RMS x 20.07
RMS y 24.32
side N [adc counts]
side P [adc counts]

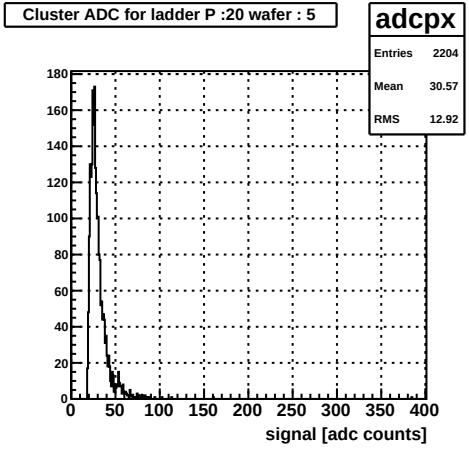

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2021
Mean 34.01
RMS 16.46
signal [adc counts]

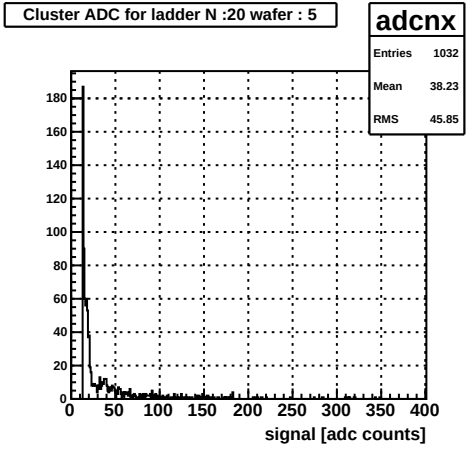

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1570
Mean 27.53
RMS 27.9
signal [adc counts]

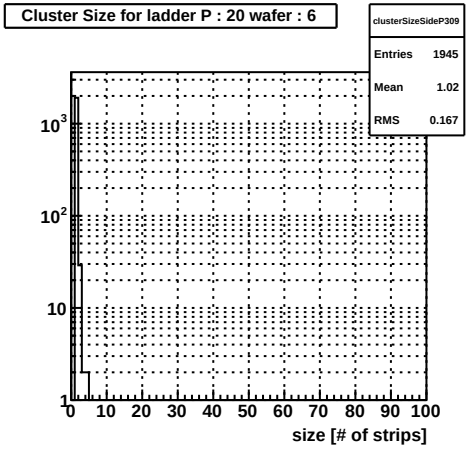

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2204
Mean 1.035
RMS 0.1896
size [# of strips]

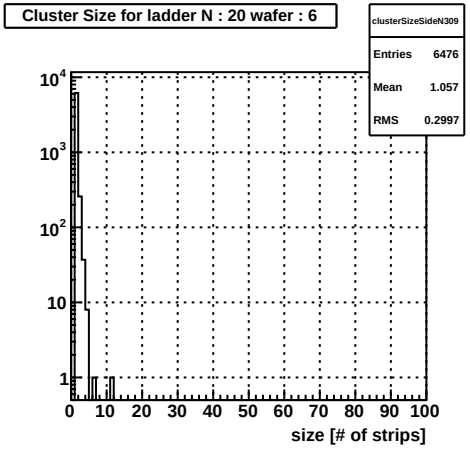

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1032
Mean 1.299
RMS 0.6866
size [# of strips]

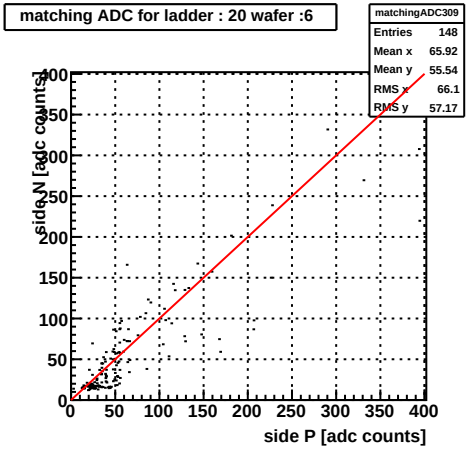

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 19
Mean x 44.58
Mean y 43.11
RMS x 57.1
RMS y 72.96
side N [adc counts]
side P [adc counts]

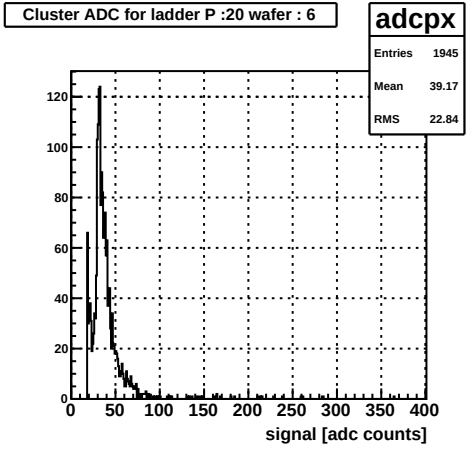

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2204
Mean 30.57
RMS 12.92
signal [adc counts]

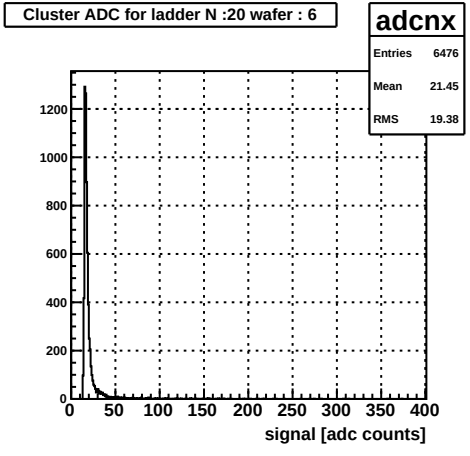

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1032
Mean 38.23
RMS 45.85
signal [adc counts]

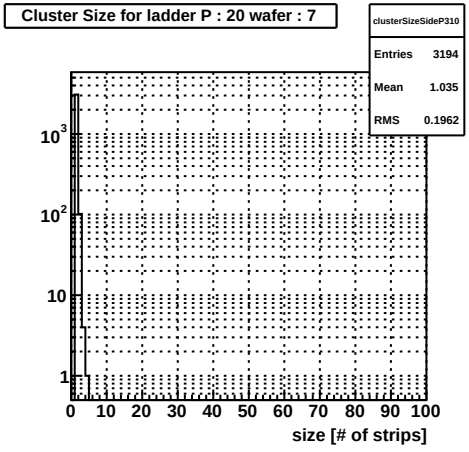

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1945
Mean 1.02
RMS 0.167
size [# of strips]

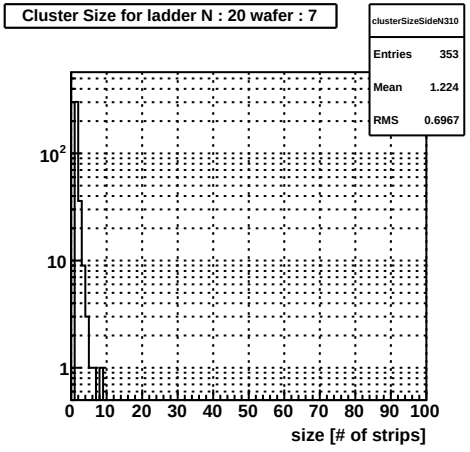

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 6476
Mean 1.057
RMS 0.2997
size [# of strips]

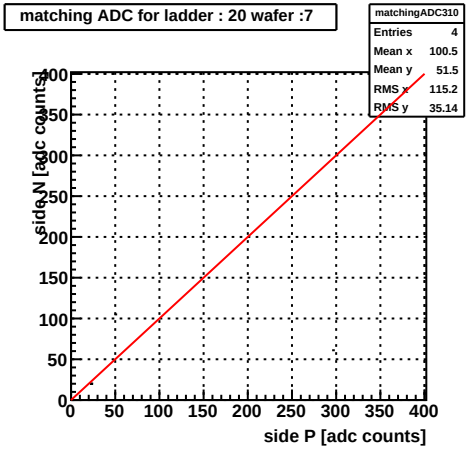

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 148
Mean x 65.92
Mean y 55.54
RMS x 66.1
RMS y 57.17
side N [adc counts]
side P [adc counts]

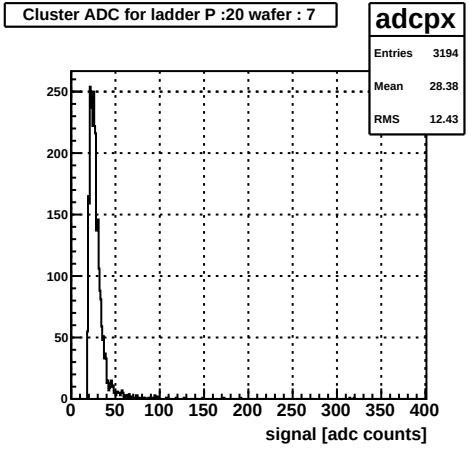

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1945
Mean 39.17
RMS 22.84
signal [adc counts]

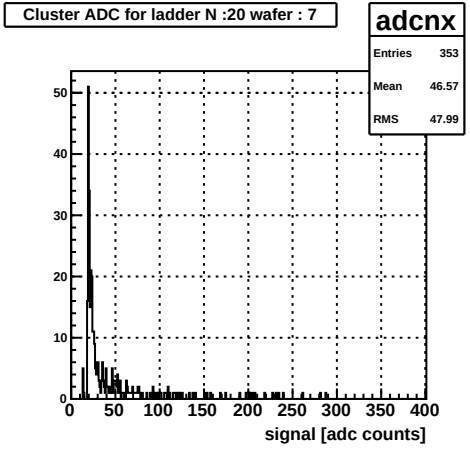

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 6476
Mean 21.45
RMS 19.38
signal [adc counts]

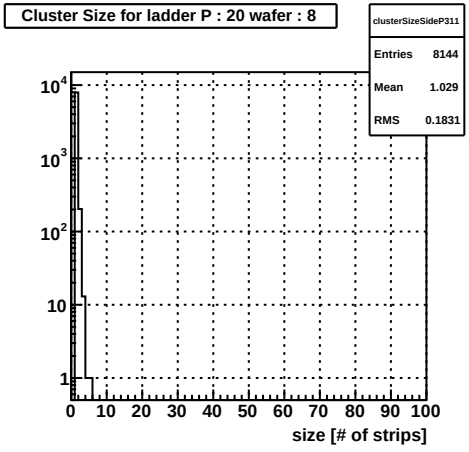

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3194
Mean 1.035
RMS 0.1962
size [# of strips]

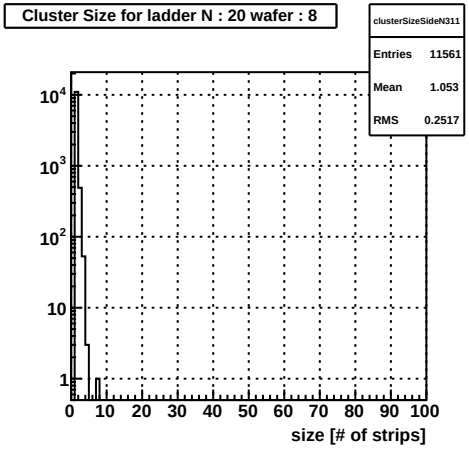

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 353
Mean 1.224
RMS 0.6967
size [# of strips]

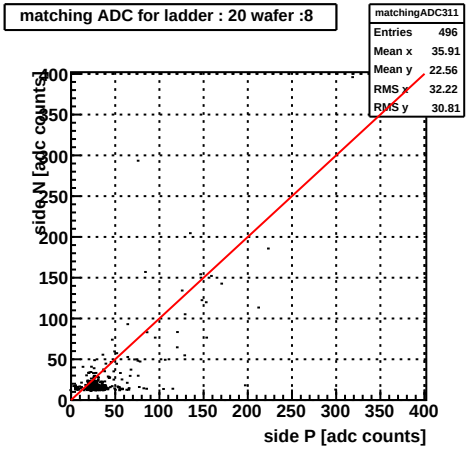

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 100.5
Mean y 51.5
RMS x 115.2
RMS y 35.14
side N [adc counts]
side P [adc counts]

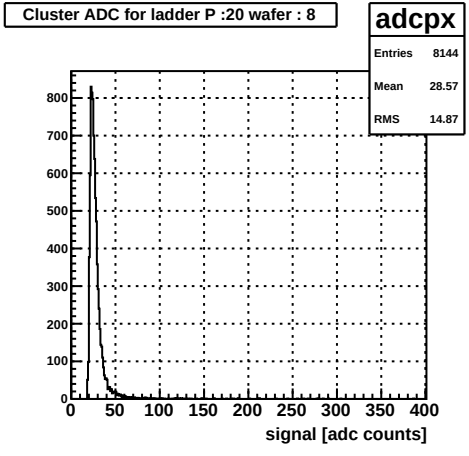

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3194
Mean 28.38
RMS 12.43
signal [adc counts]

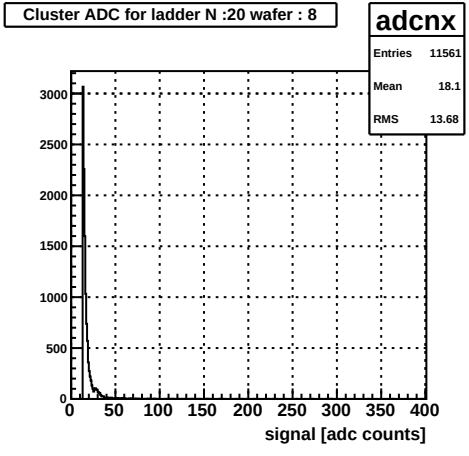

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 353
Mean 46.57
RMS 47.99
signal [adc counts]

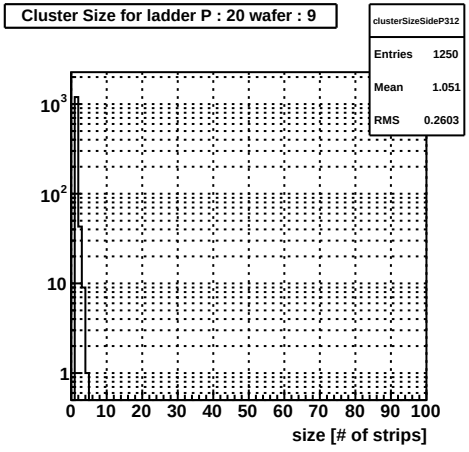

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8144
Mean 1.029
RMS 0.1831
size [# of strips]

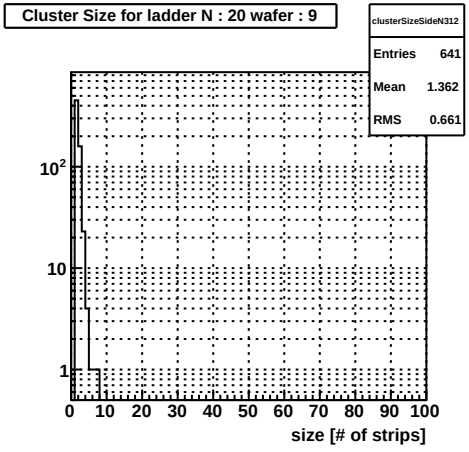

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11561
Mean 1.053
RMS 0.2517
size [# of strips]

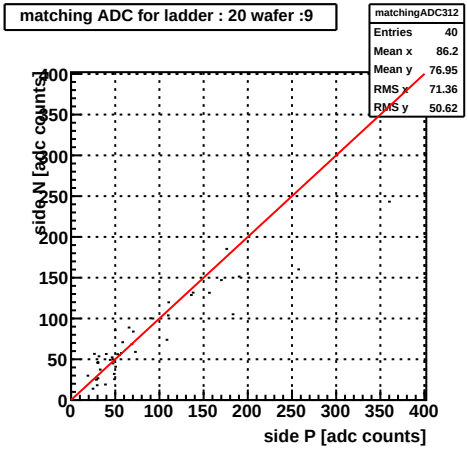

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 496
Mean x 35.91
Mean y 22.56
RMS x 32.22
RMS y 30.81
side N [adc counts]
side P [adc counts]

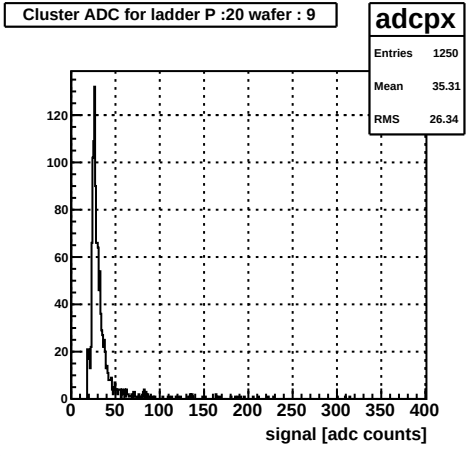

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8144
Mean 28.57
RMS 14.87
signal [adc counts]

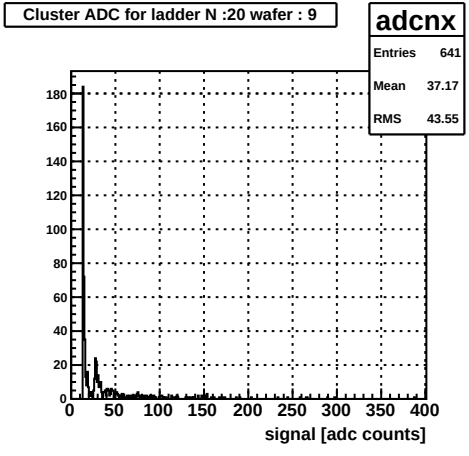

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11561
Mean 18.1
RMS 13.68
signal [adc counts]

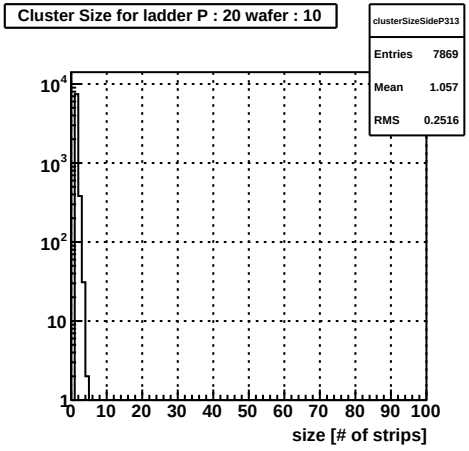

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1250
Mean 1.051
RMS 0.2603
size [# of strips]

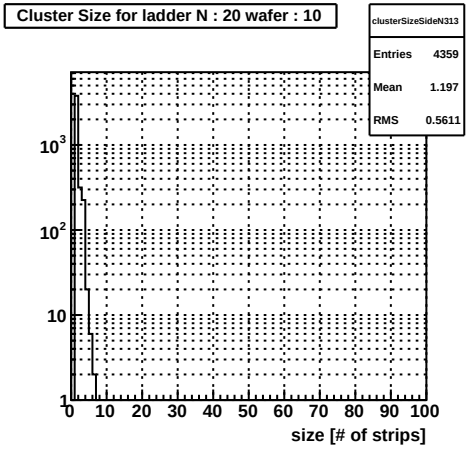

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 641
Mean 1.362
RMS 0.661
size [# of strips]

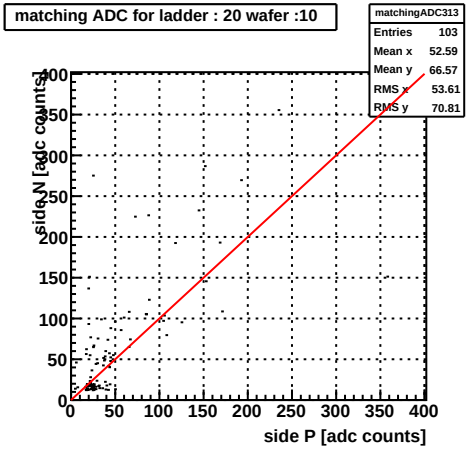

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 40
Mean x 86.2
Mean y 76.95
RMS x 71.36
RMS y 50.62
side N [adc counts]
side P [adc counts]

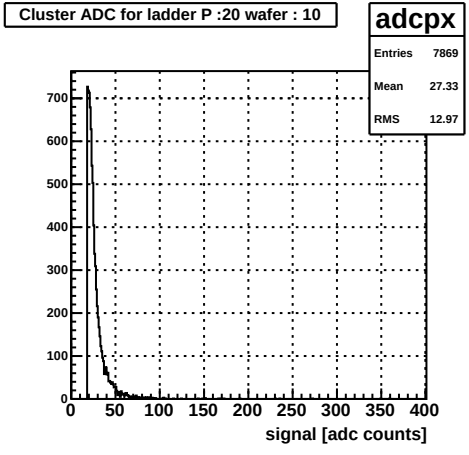

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1250
Mean 35.31
RMS 26.34
signal [adc counts]

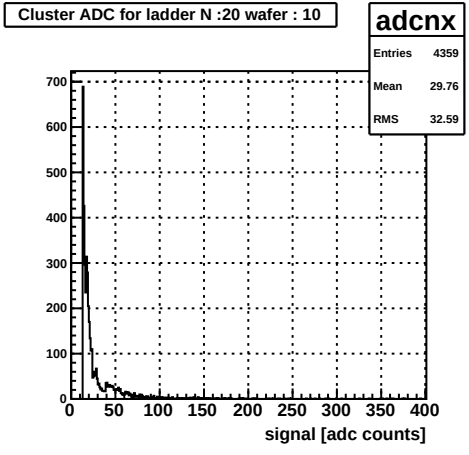

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 641
Mean 37.17
RMS 43.55
signal [adc counts]

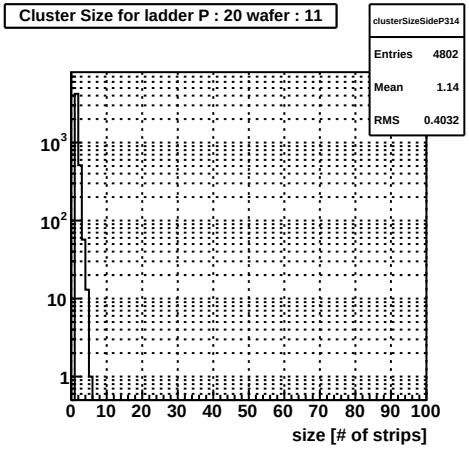

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 7869
Mean 1.057
RMS 0.2516
size [# of strips]

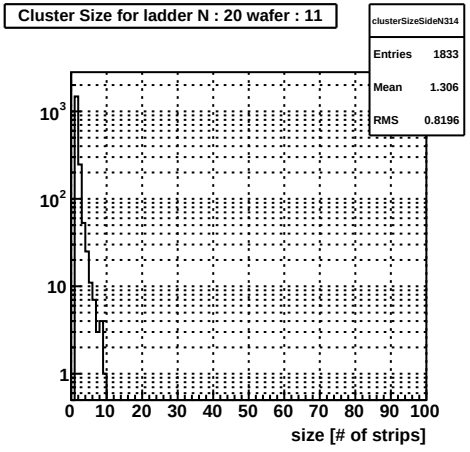

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4359
Mean 1.197
RMS 0.5611
size [# of strips]

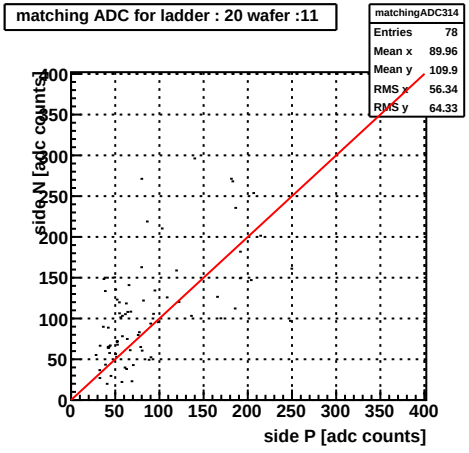

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 103
Mean x 52.59
Mean y 66.57
RMS x 53.61
RMS y 70.81
side N [adc counts]
side P [adc counts]

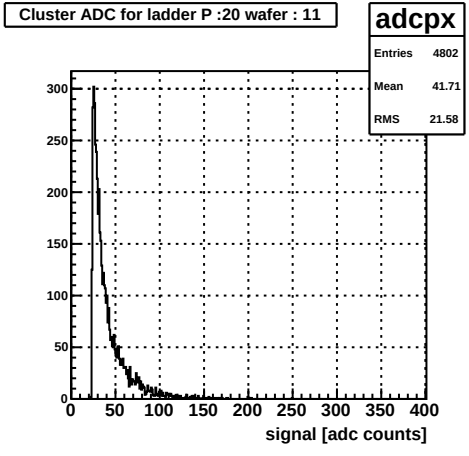

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 7869
Mean 27.33
RMS 12.97
signal [adc counts]

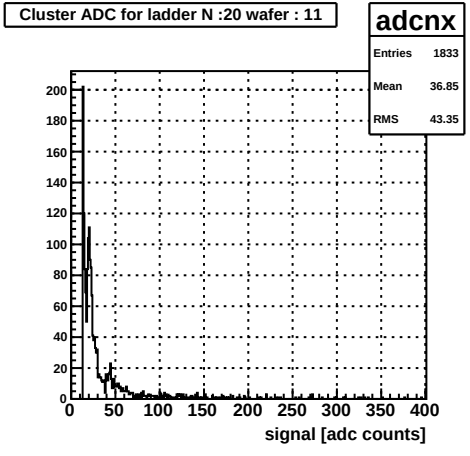

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4359
Mean 29.76
RMS 32.59
signal [adc counts]

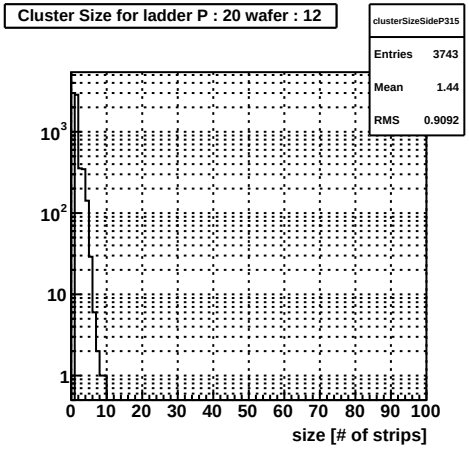

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4802
Mean 1.14
RMS 0.4032
size [# of strips]

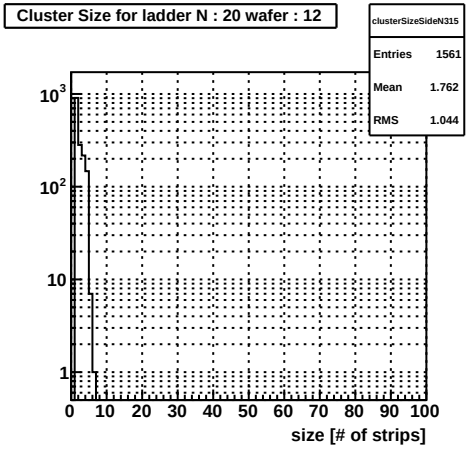

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1833
Mean 1.306
RMS 0.8196
size [# of strips]

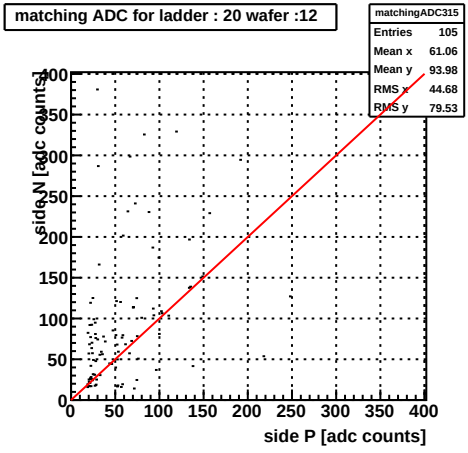

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 78
Mean x 89.96
Mean y 109.9
RMS x 56.34
RMS y 64.33
side N [adc counts]
side P [adc counts]

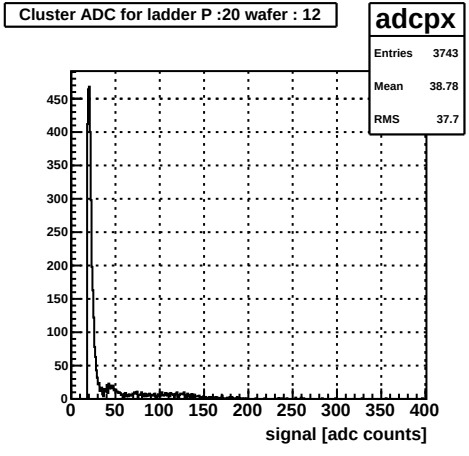

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4802
Mean 41.71
RMS 21.58
signal [adc counts]

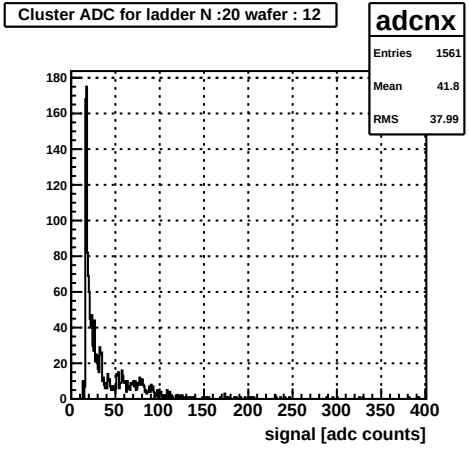

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1833
Mean 36.85
RMS 43.35
signal [adc counts]

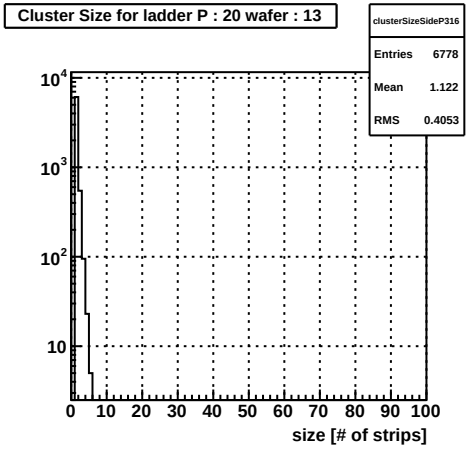

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3743
Mean 1.44
RMS 0.9092
size [# of strips]

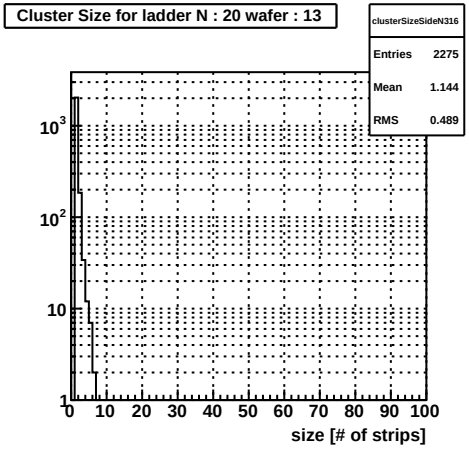

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1561
Mean 1.762
RMS 1.044
size [# of strips]

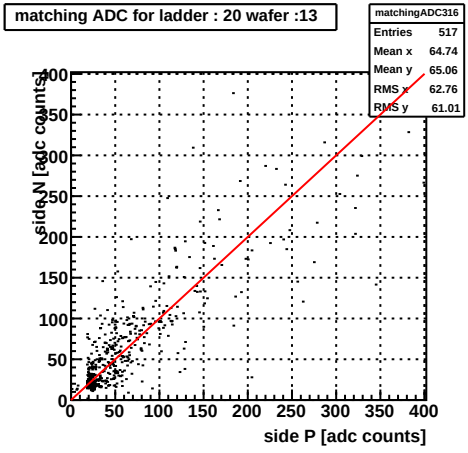

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 105
Mean x 61.06
Mean y 93.98
RMS x 44.68
RMS y 79.53
side N [adc counts]
side P [adc counts]

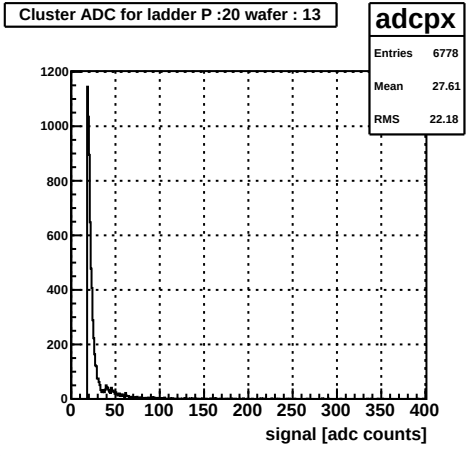

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3743
Mean 38.78
RMS 37.7
signal [adc counts]

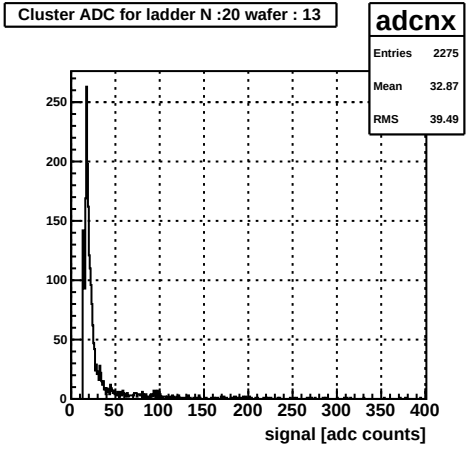

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1561
Mean 41.8
RMS 37.99
signal [adc counts]

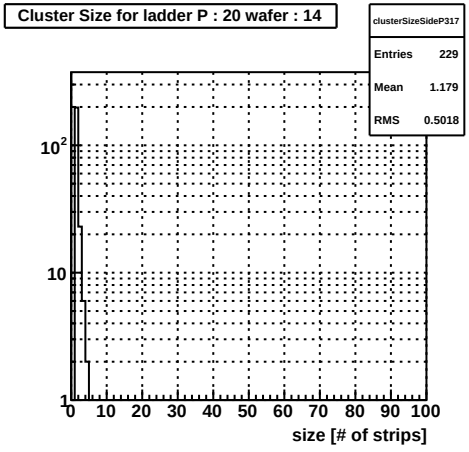

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6778
Mean 1.122
RMS 0.4053
size [# of strips]

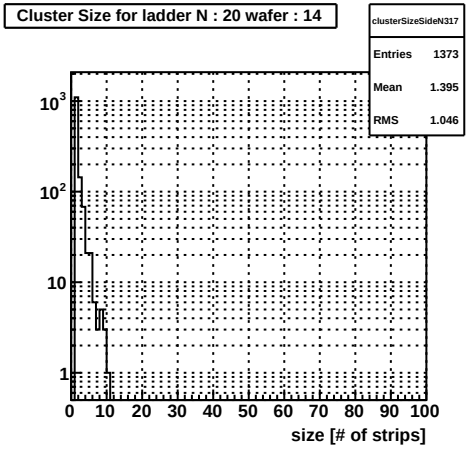

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2275
Mean 1.144
RMS 0.489
size [# of strips]

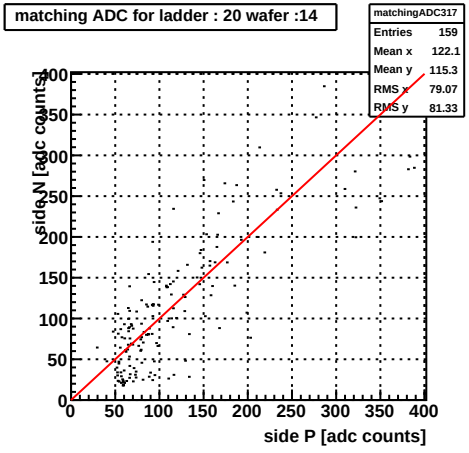

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 517
Mean x 64.74
Mean y 65.06
RMS x 62.76
RMS y 61.01
side N [adc counts]
side P [adc counts]

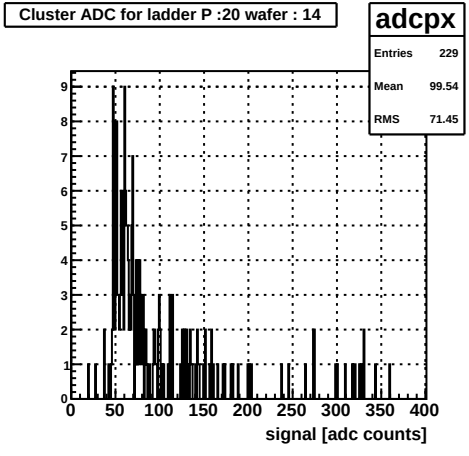

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6778
Mean 27.61
RMS 22.18
signal [adc counts]

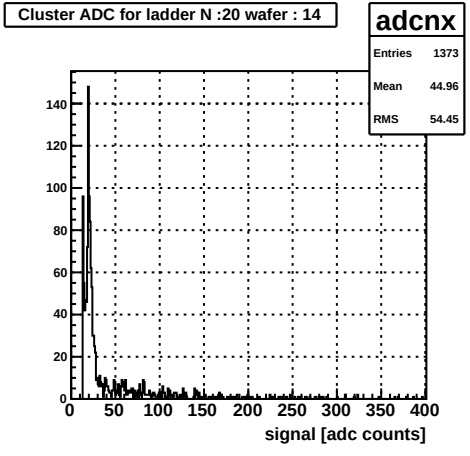

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2275
Mean 32.87
RMS 39.49
signal [adc counts]

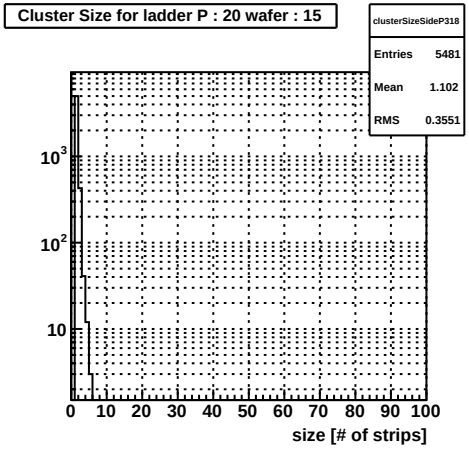

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 229
Mean 1.179
RMS 0.5018
size [# of strips]

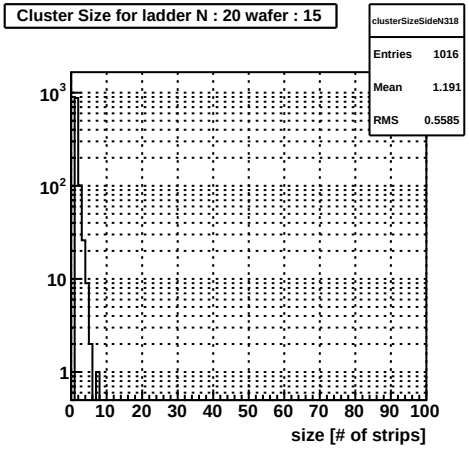

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1373
Mean 1.395
RMS 1.046
size [# of strips]

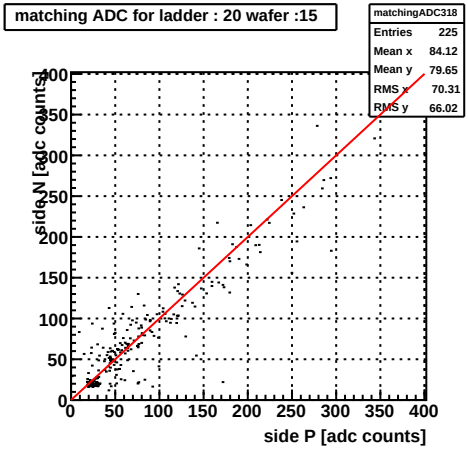

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 159
Mean x 122.1
Mean y 115.3
RMS x 79.07
RMS y 81.33
side N [adc counts]
side P [adc counts]

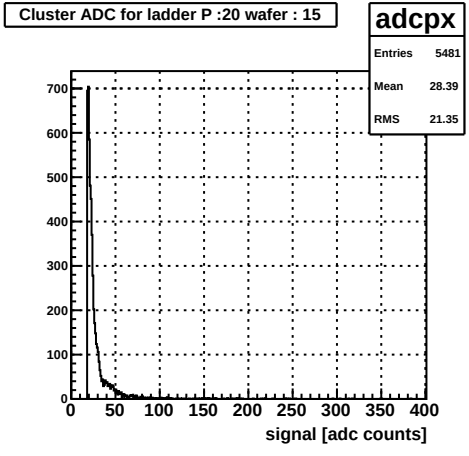

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 229
Mean 99.54
RMS 71.45
signal [adc counts]

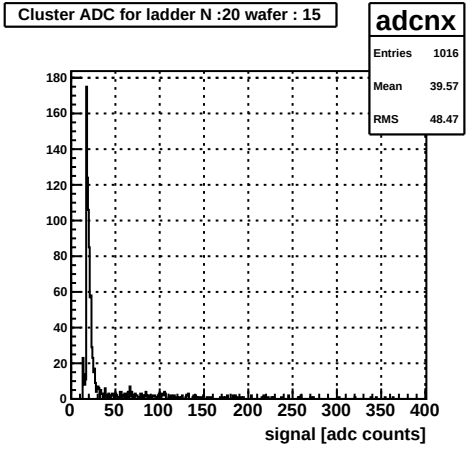

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1373
Mean 44.96
RMS 54.45
signal [adc counts]

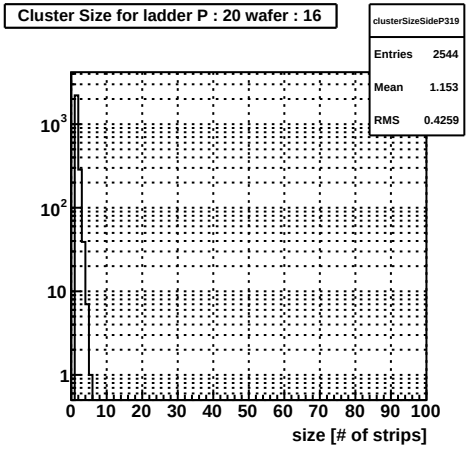

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5481
Mean 1.102
RMS 0.3551
size [# of strips]

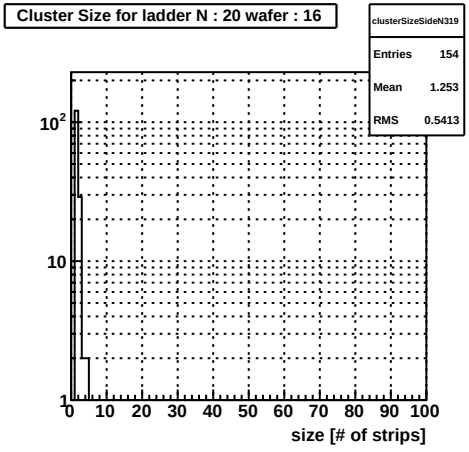

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1016
Mean 1.191
RMS 0.5585
size [# of strips]

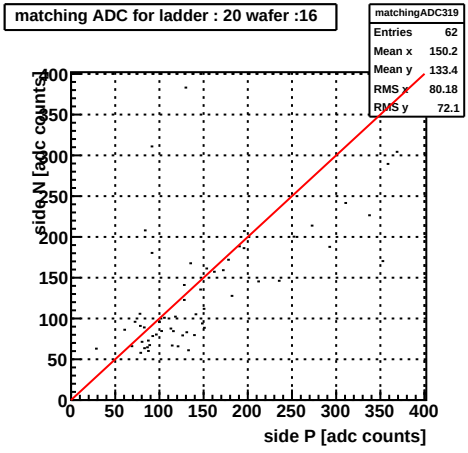

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 225
Mean x 84.12
Mean y 79.65
RMS x 70.31
RMS y 66.02
side N [adc counts]
side P [adc counts]

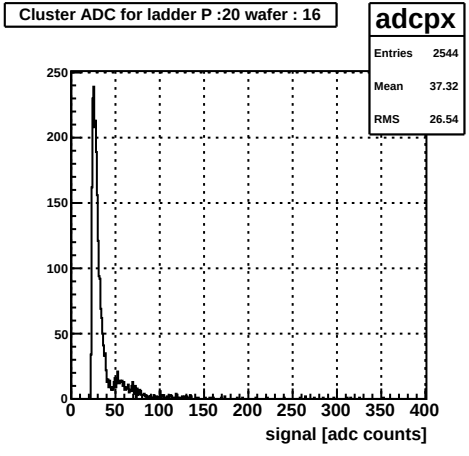

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5481
Mean 28.39
RMS 21.35
signal [adc counts]

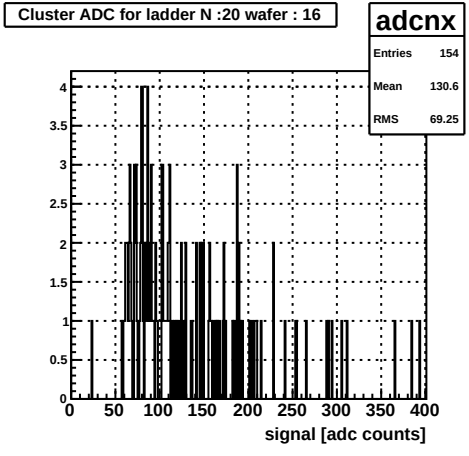

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1016
Mean 39.57
RMS 48.47
signal [adc counts]

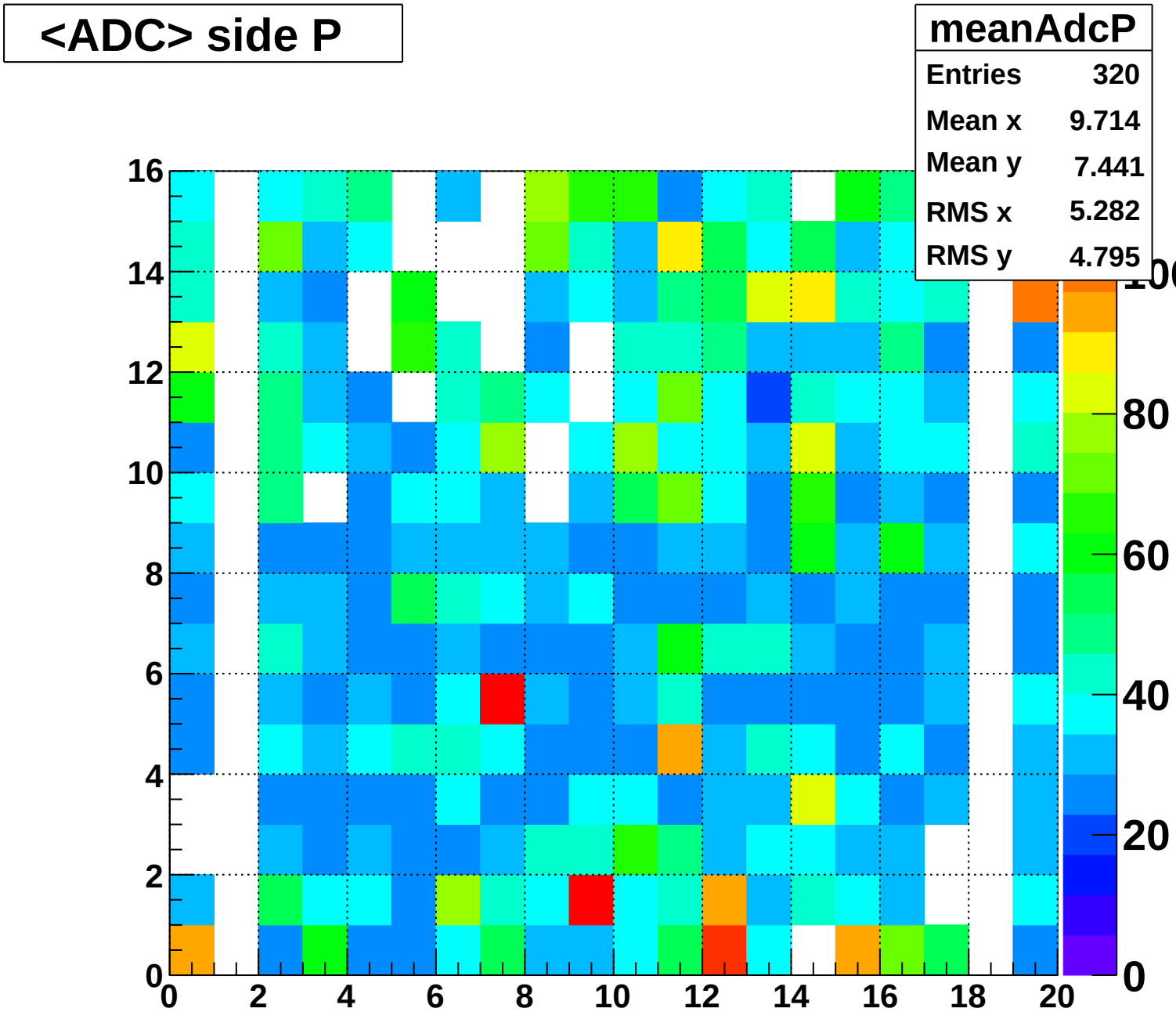

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2544
Mean 1.153
RMS 0.4259
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 154
Mean 1.253
RMS 0.5413
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 62
Mean x 150.2
Mean y 133.4
RMS x 80.18
RMS y 72.1
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2544
Mean 37.32
RMS 26.54
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 154
Mean 130.6
RMS 69.25
signal [adc counts]



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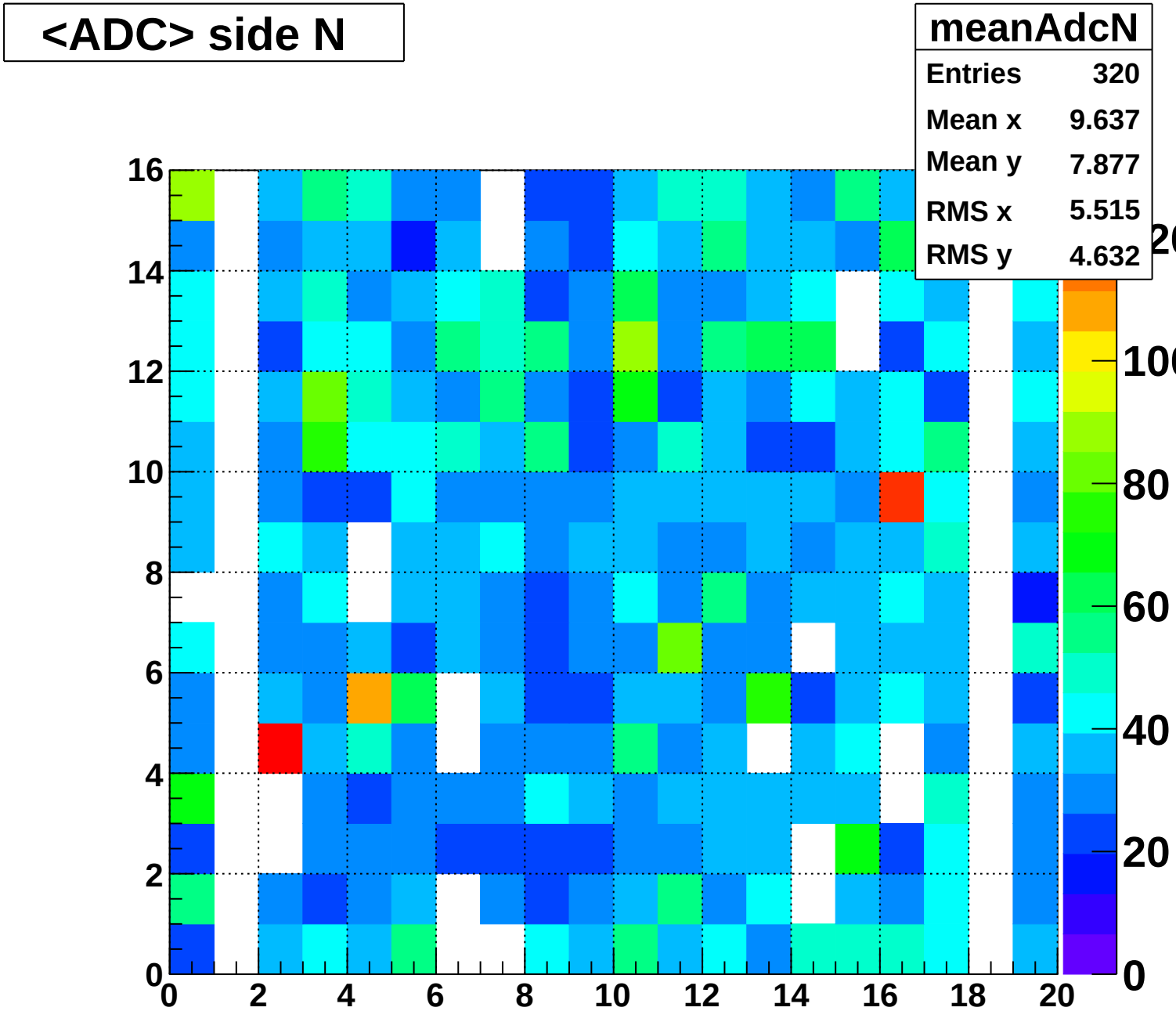

2016-05-27 02:17:03