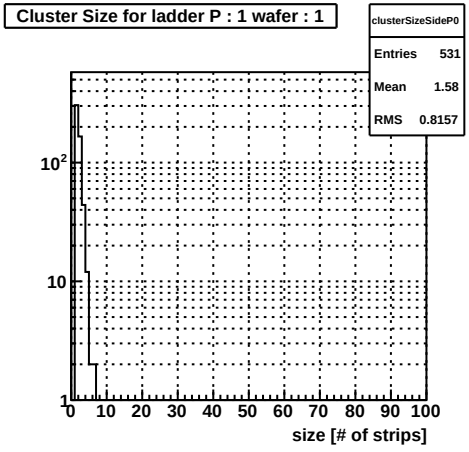
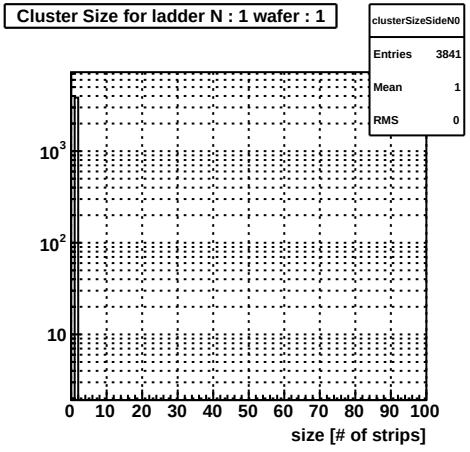
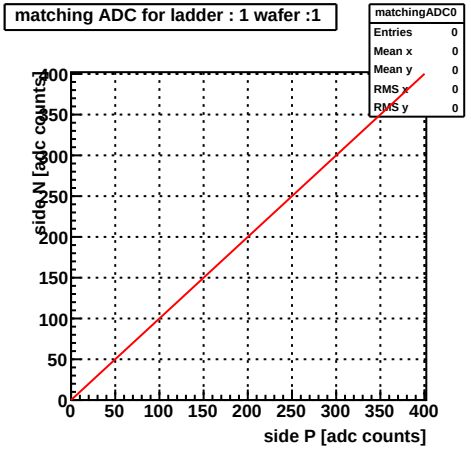
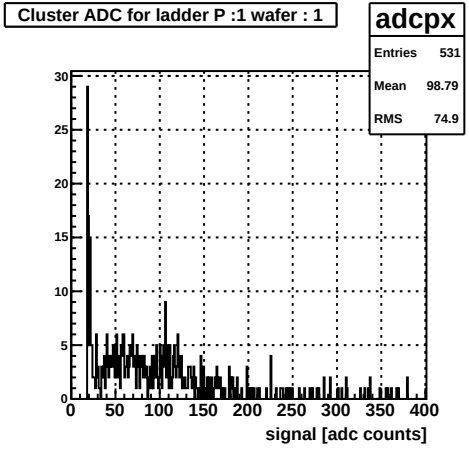
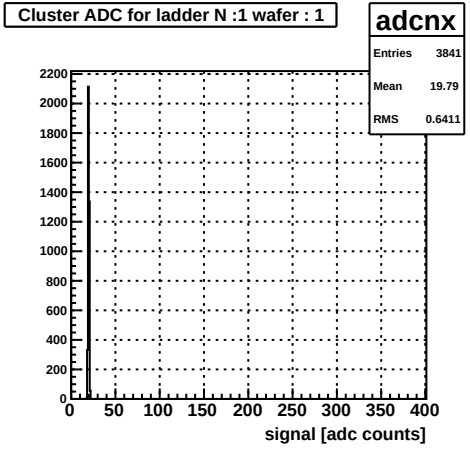
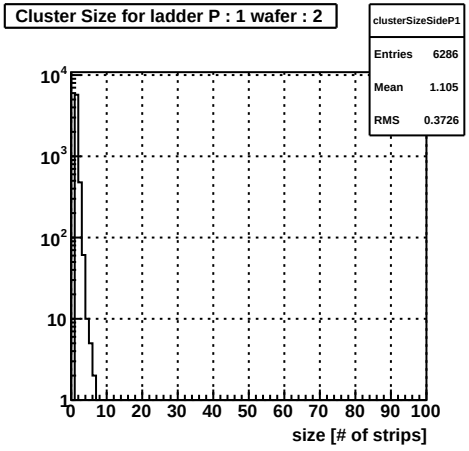

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 531
Mean 1.58
RMS 0.8157
size [# of strips]

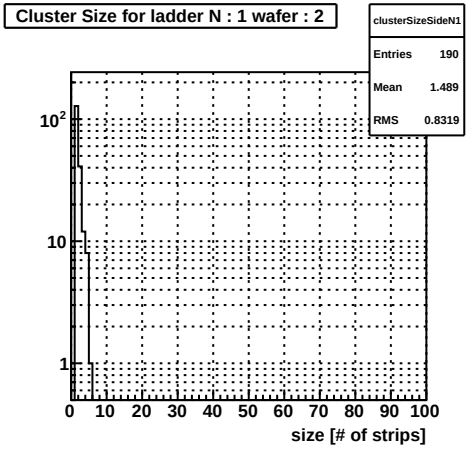

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3841
Mean 1
RMS 0
size [# of strips]

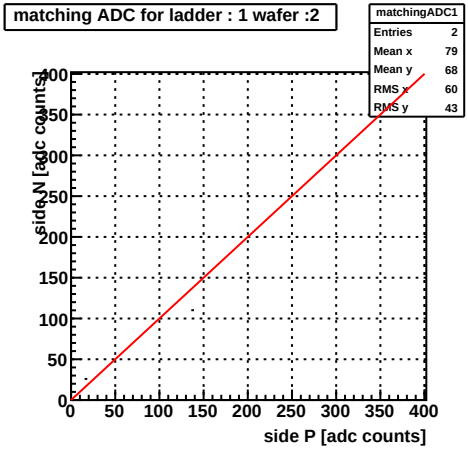

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

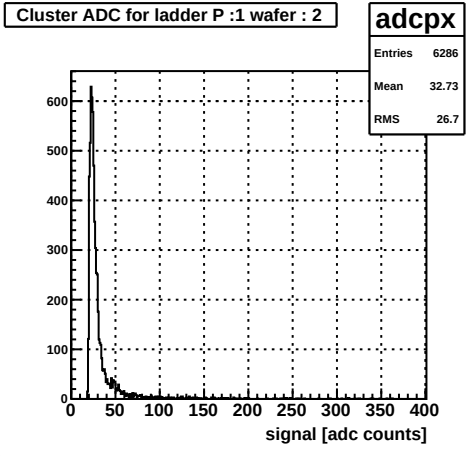

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 531
Mean 98.79
RMS 74.9
signal [adc counts]

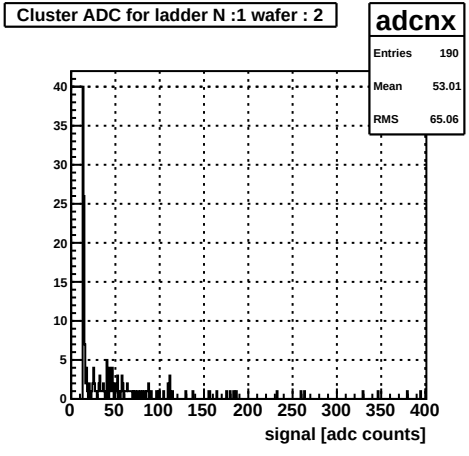

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3841
Mean 19.79
RMS 0.6411
signal [adc counts]

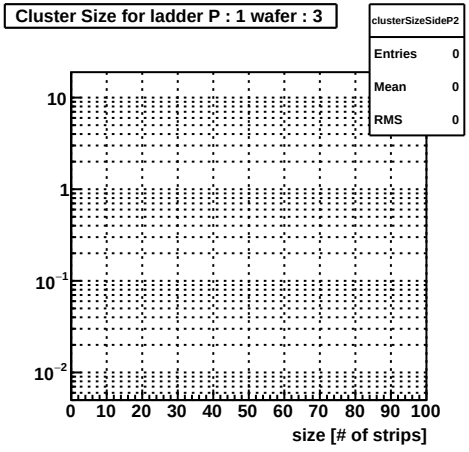

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6286
Mean 1.105
RMS 0.3726
size [# of strips]

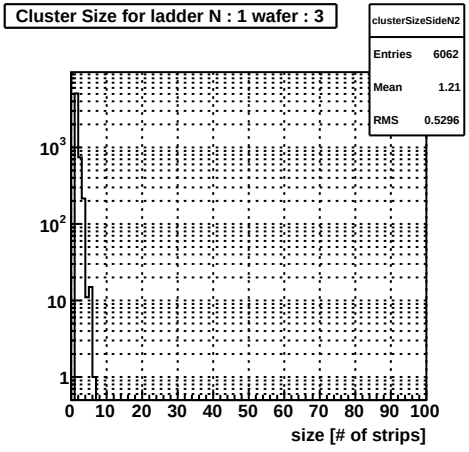

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 190
Mean 1.489
RMS 0.8319
size [# of strips]

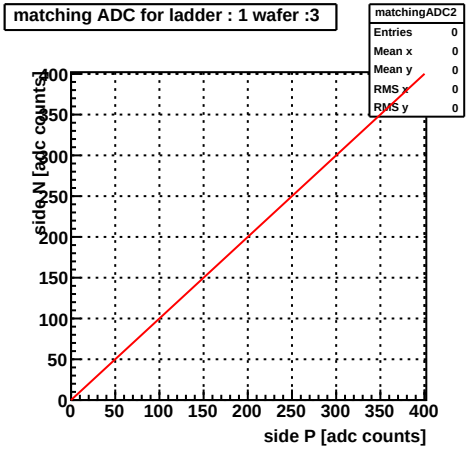

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 79
Mean y 68
RMS x 60
RMS y 43
side N [adc counts]
side P [adc counts]

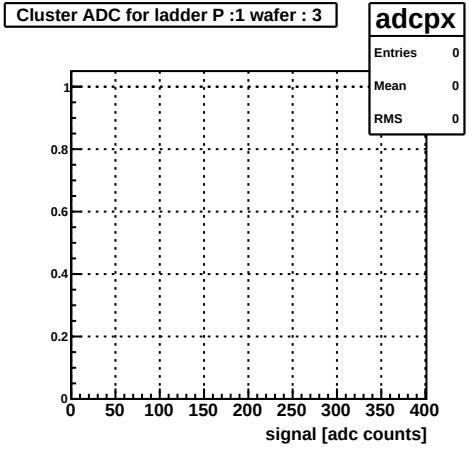

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6286
Mean 32.73
RMS 26.7
signal [adc counts]

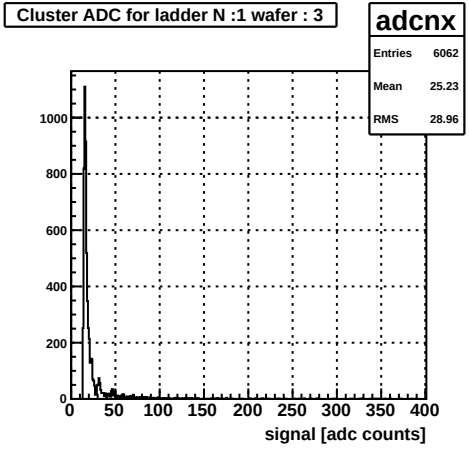

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 190
Mean 53.01
RMS 65.06
signal [adc counts]

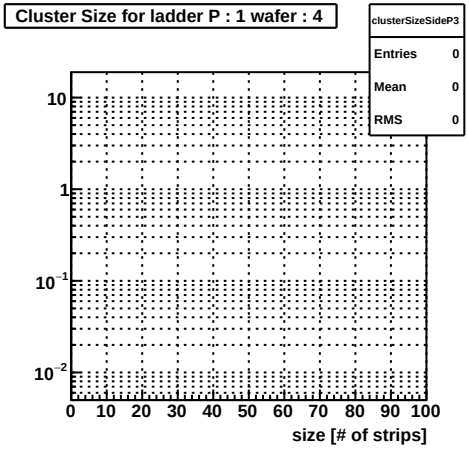

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

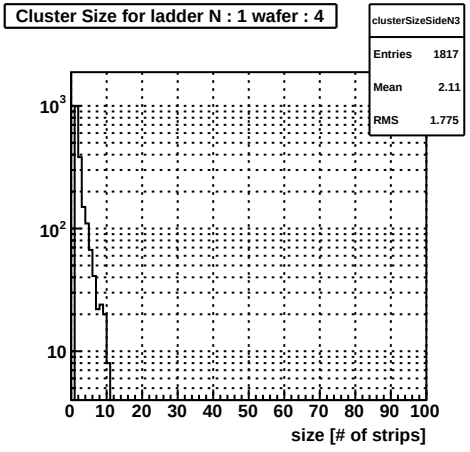

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6062
Mean 1.21
RMS 0.5296
size [# of strips]

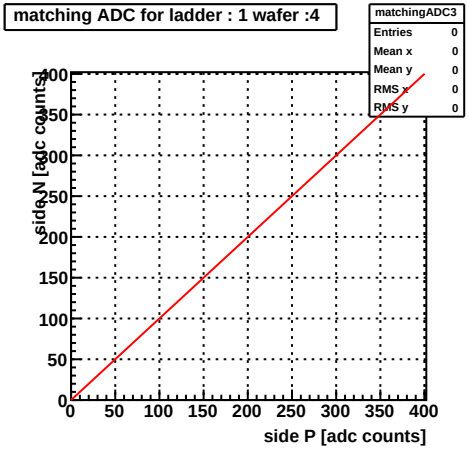

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

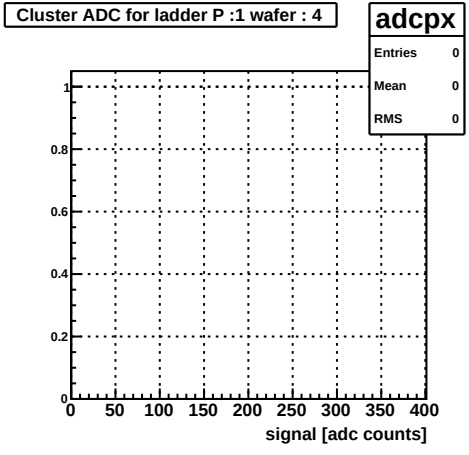

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

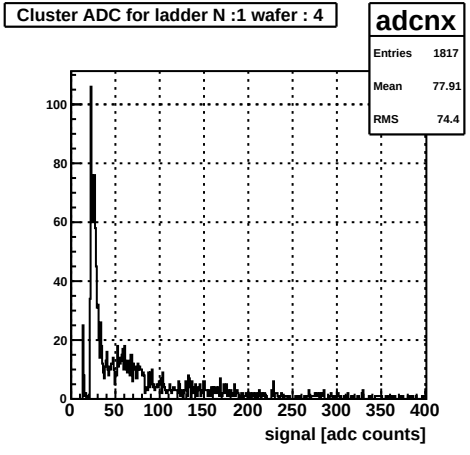

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6062
Mean 25.23
RMS 28.96
signal [adc counts]

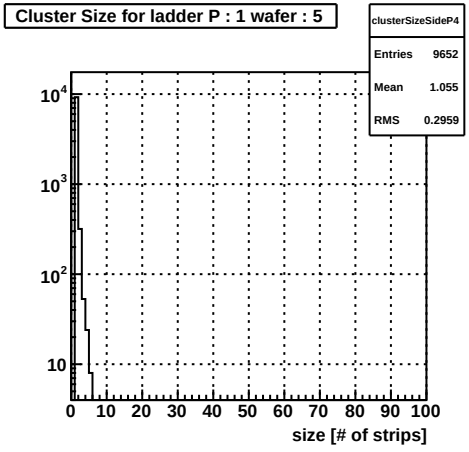

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

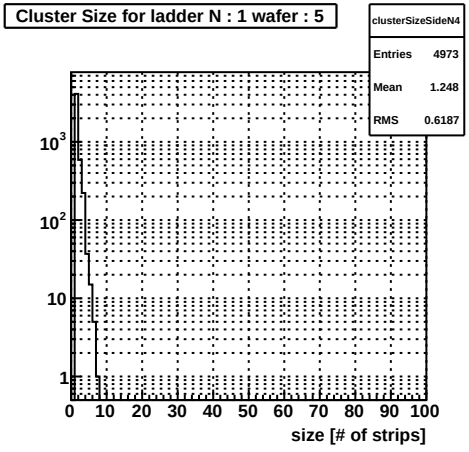

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1817
Mean 2.11
RMS 1.775
size [# of strips]

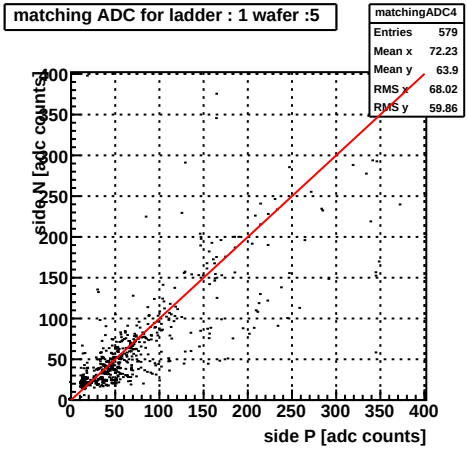

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

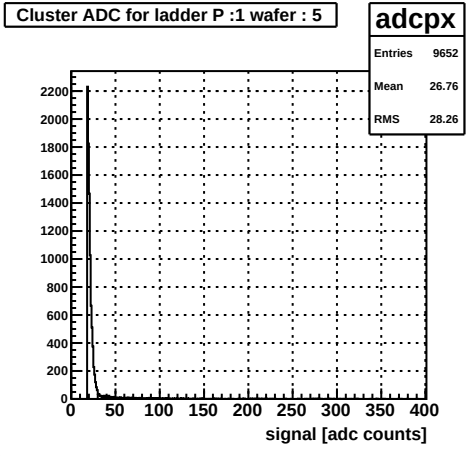

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

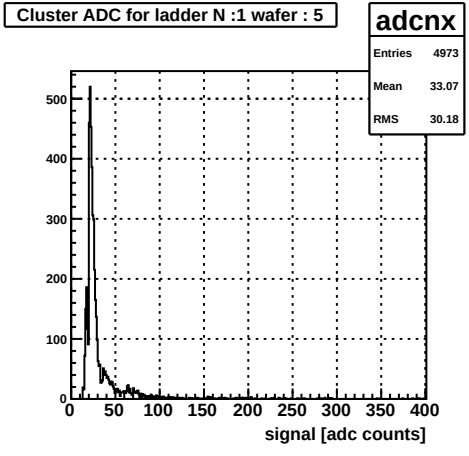

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1817
Mean 77.91
RMS 74.4
signal [adc counts]

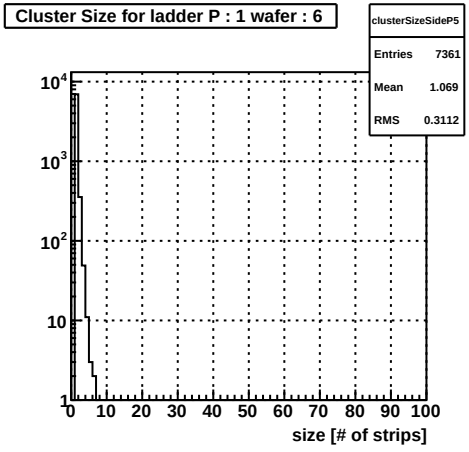

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9652
Mean 1.055
RMS 0.2959
size [# of strips]

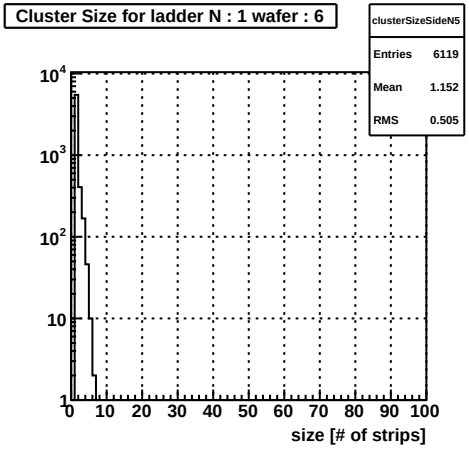

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4973
Mean 1.248
RMS 0.6187
size [# of strips]

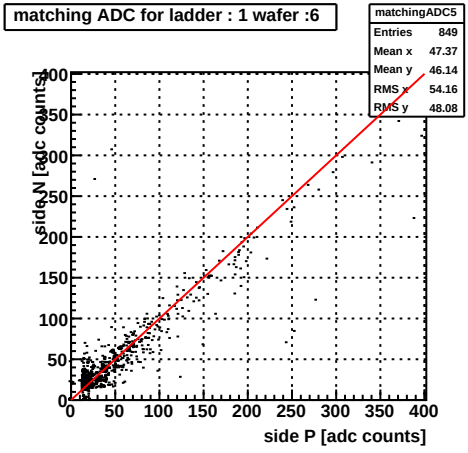

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 579
Mean x 72.23
Mean y 63.9
RMS x 68.02
RMS y 59.86
side N [adc counts]
side P [adc counts]

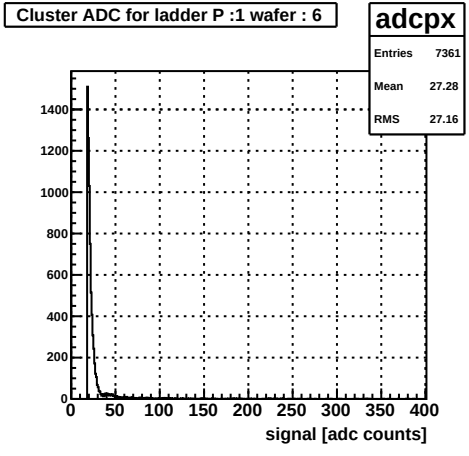

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9652
Mean 26.76
RMS 28.26
signal [adc counts]

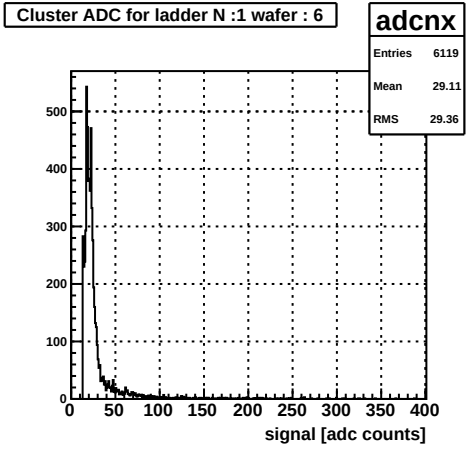

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4973
Mean 33.07
RMS 30.18
signal [adc counts]

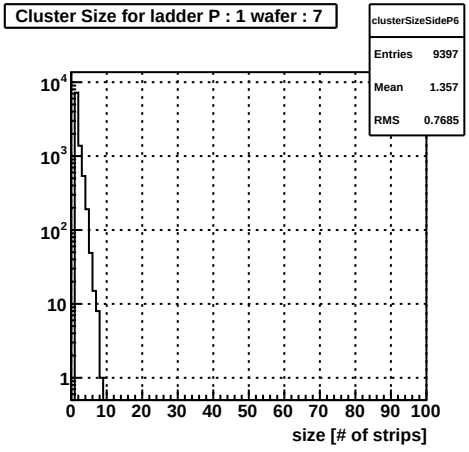

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7361
Mean 1.069
RMS 0.3112
size [# of strips]

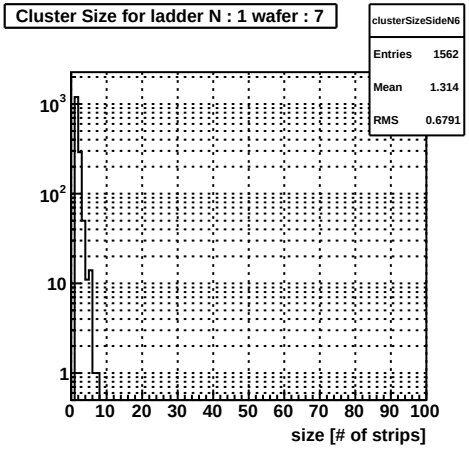

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6119
Mean 1.152
RMS 0.505
size [# of strips]

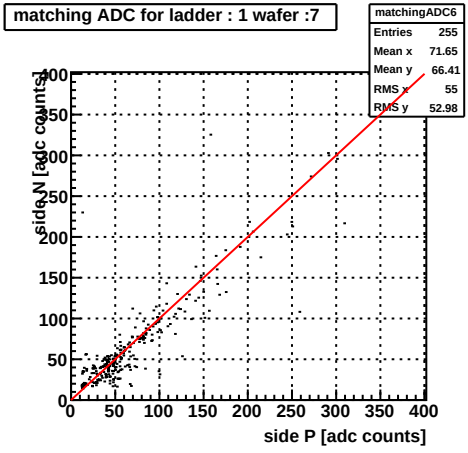

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 849
Mean x 47.37
Mean y 46.14
RMS x 54.16
RMS y 48.08
side N [adc counts]
side P [adc counts]

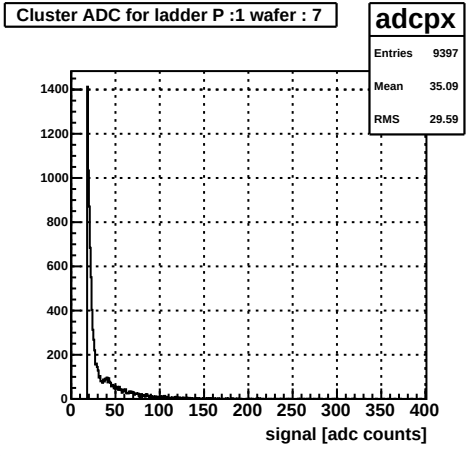

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7361
Mean 27.28
RMS 27.16
signal [adc counts]

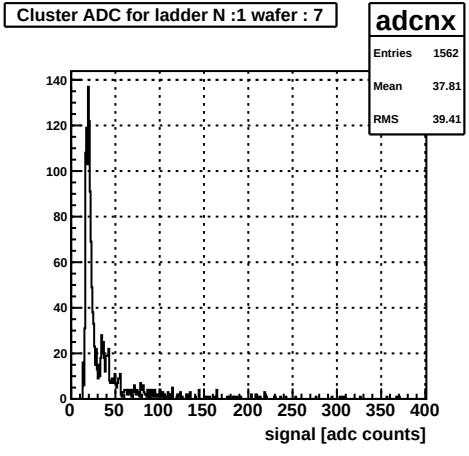

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6119
Mean 29.11
RMS 29.36
signal [adc counts]

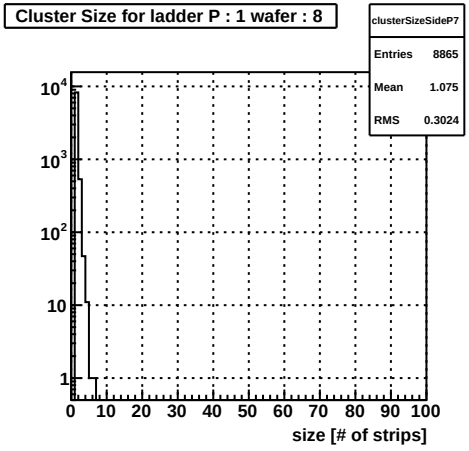

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9397
Mean 1.357
RMS 0.7685
size [# of strips]

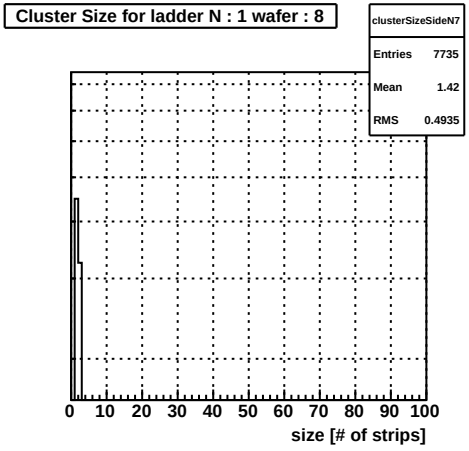

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1562
Mean 1.314
RMS 0.6791
size [# of strips]

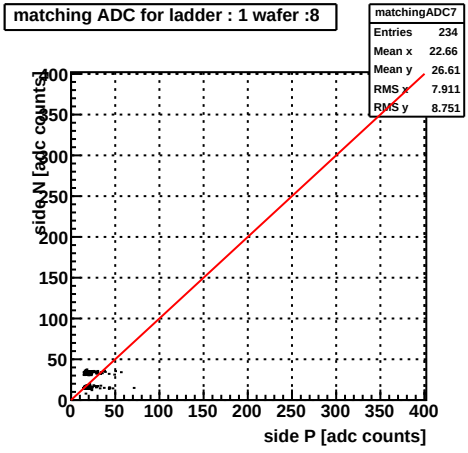

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 255
Mean x 71.65
Mean y 66.41
RMS x 55
RMS y 52.98
side N [adc counts]
side P [adc counts]

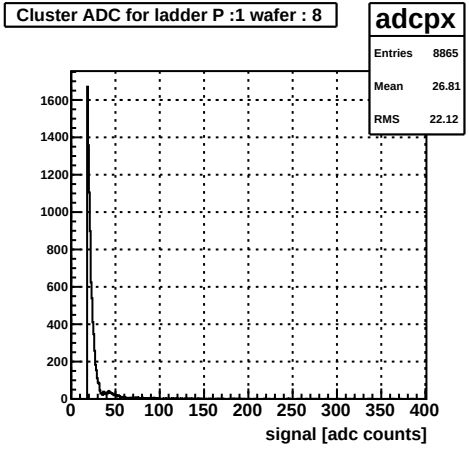

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9397
Mean 35.09
RMS 29.59
signal [adc counts]

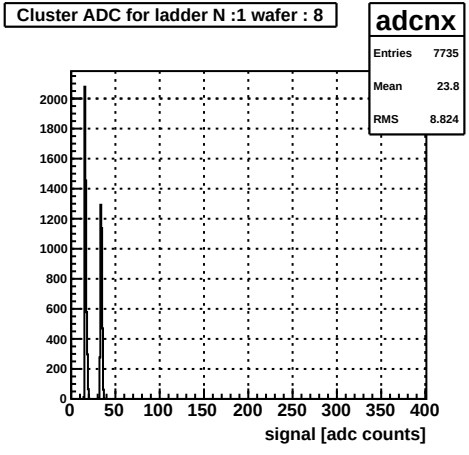

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1562
Mean 37.81
RMS 39.41
signal [adc counts]

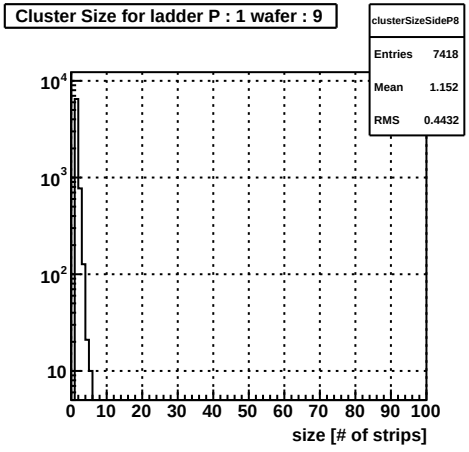

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8865
Mean 1.075
RMS 0.3024
size [# of strips]

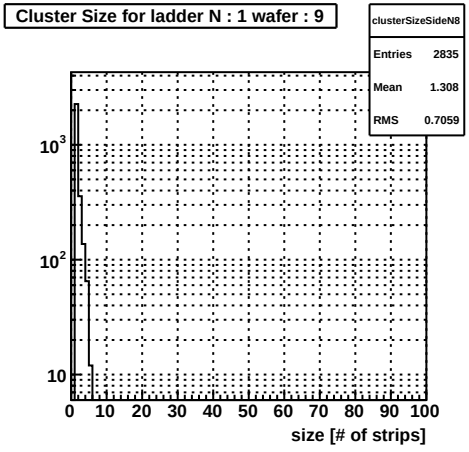

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7735
Mean 1.42
RMS 0.4935
size [# of strips]

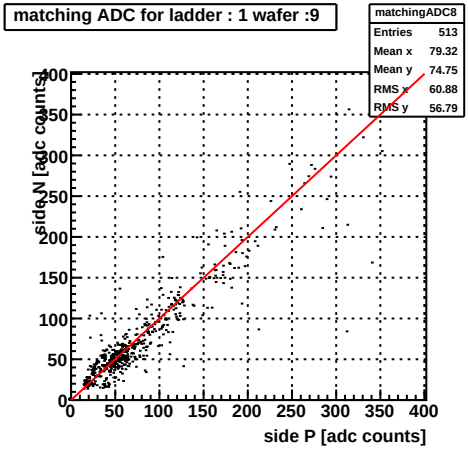

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 234
Mean x 22.66
Mean y 26.61
RMS x 7.911
RMS y 8.751
side N [adc counts]
side P [adc counts]

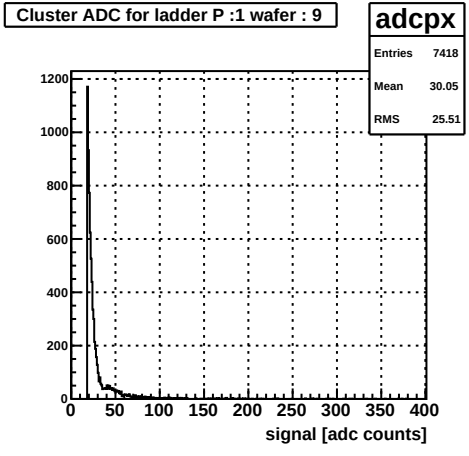

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8865
Mean 26.81
RMS 22.12
signal [adc counts]

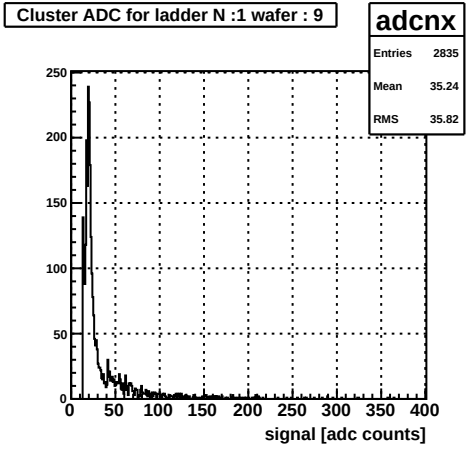

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7735
Mean 23.8
RMS 8.824
signal [adc counts]

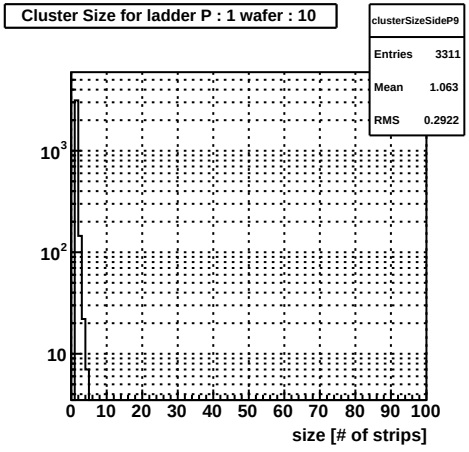

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 7418
Mean 1.152
RMS 0.4432
size [# of strips]

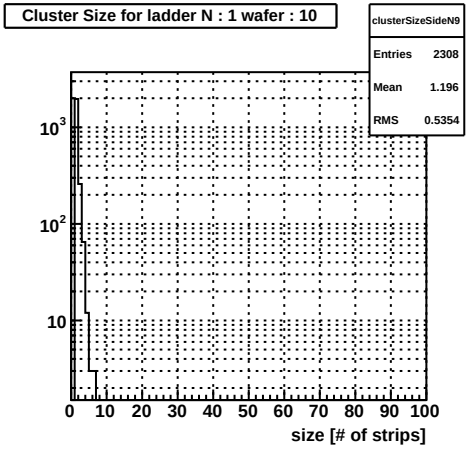

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2835
Mean 1.308
RMS 0.7059
size [# of strips]

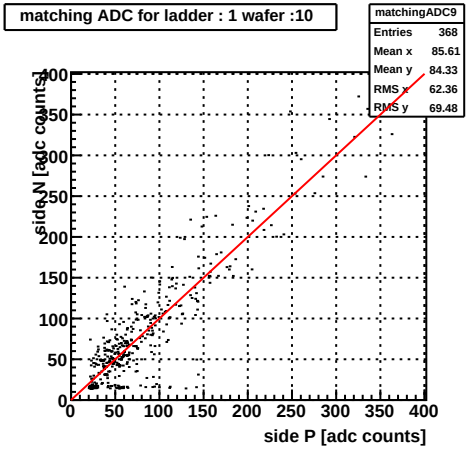

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 513
Mean x 79.32
Mean y 74.75
RMS x 60.88
RMS y 56.79
side N [adc counts]
side P [adc counts]

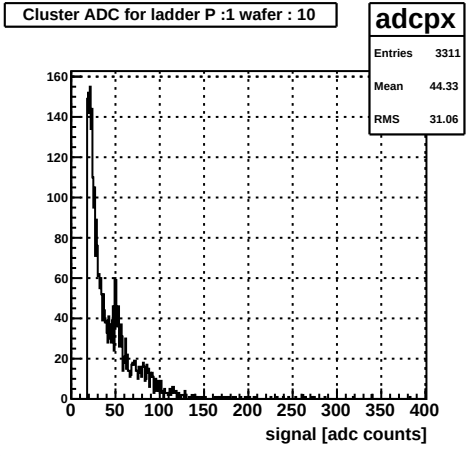

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 7418
Mean 30.05
RMS 25.51
signal [adc counts]

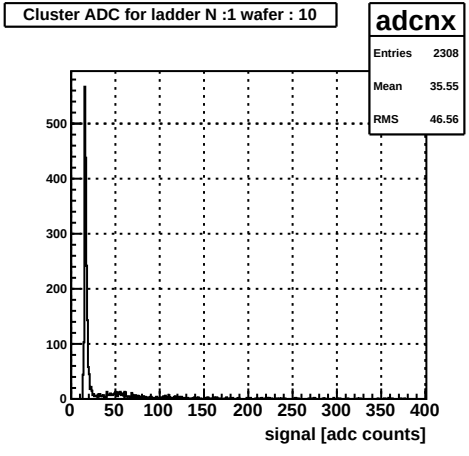

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2835
Mean 35.24
RMS 35.82
signal [adc counts]

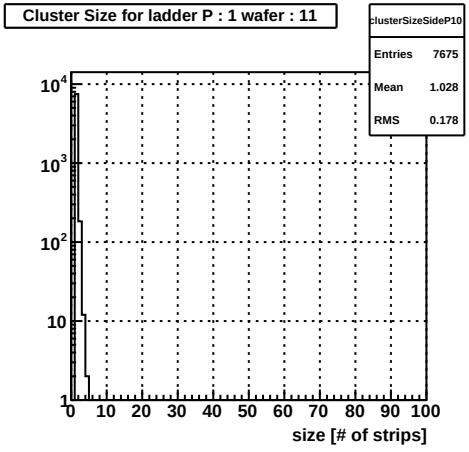

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3311
Mean 1.063
RMS 0.2922
size [# of strips]

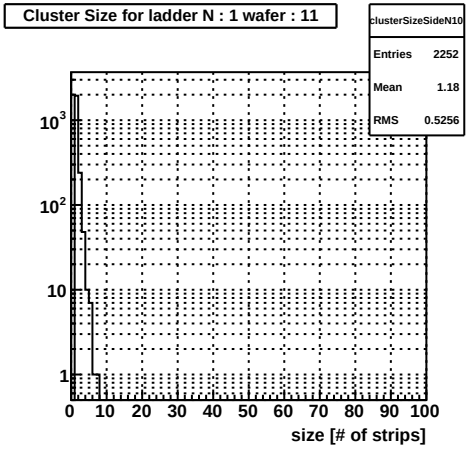

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2308
Mean 1.196
RMS 0.5354
size [# of strips]

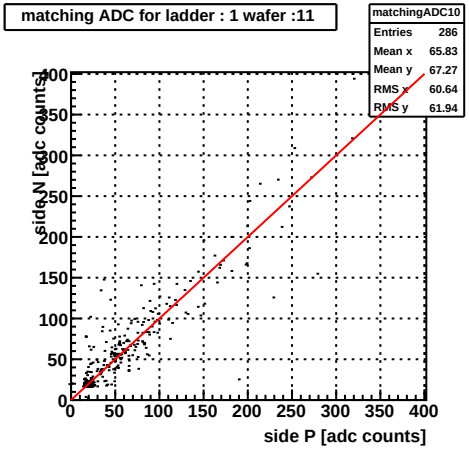

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 368
Mean x 85.61
Mean y 84.33
RMS x 62.36
RMS y 69.48
side N [adc counts]
side P [adc counts]

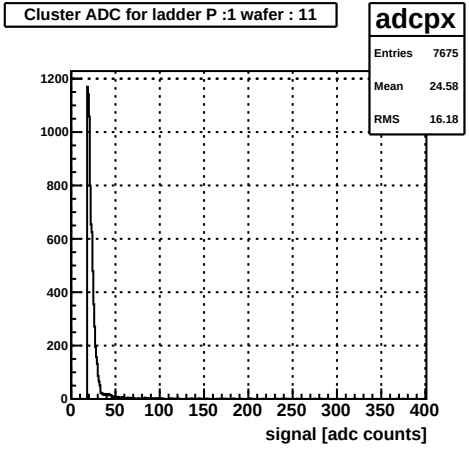

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3311
Mean 44.33
RMS 31.06
signal [adc counts]

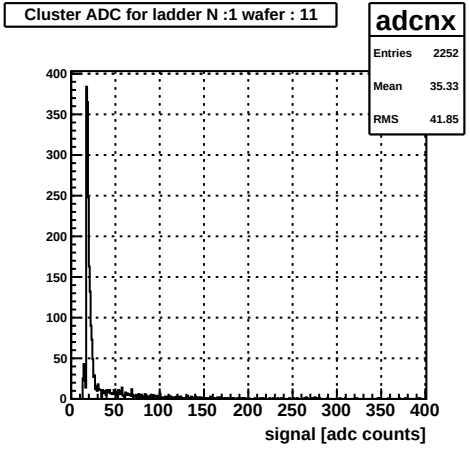

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2308
Mean 35.55
RMS 46.56
signal [adc counts]

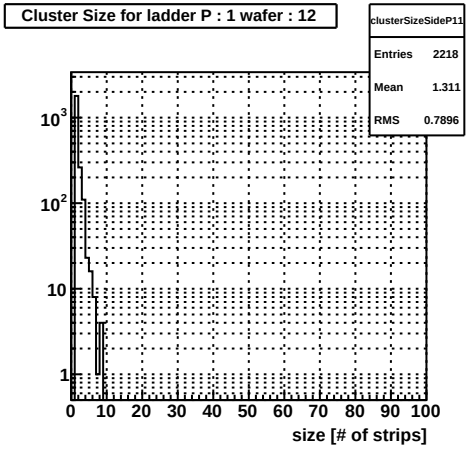

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7675
Mean 1.028
RMS 0.178
size [# of strips]

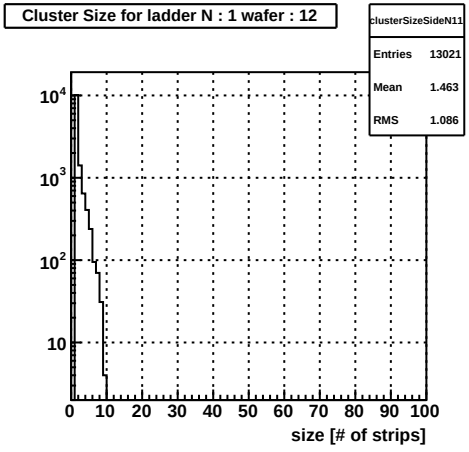

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2252
Mean 1.18
RMS 0.5256
size [# of strips]

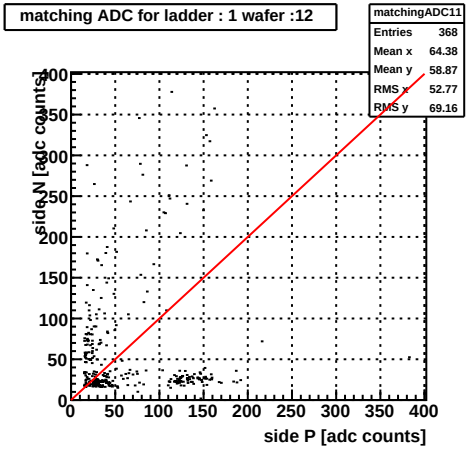

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 286
Mean x 65.83
Mean y 67.27
RMS x 60.64
RMS y 61.94
side N [adc counts]
side P [adc counts]

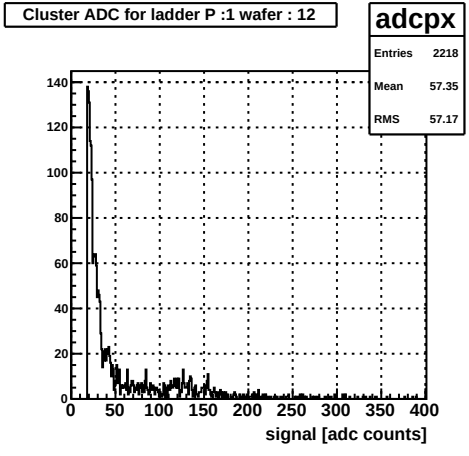

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7675
Mean 24.58
RMS 16.18
signal [adc counts]

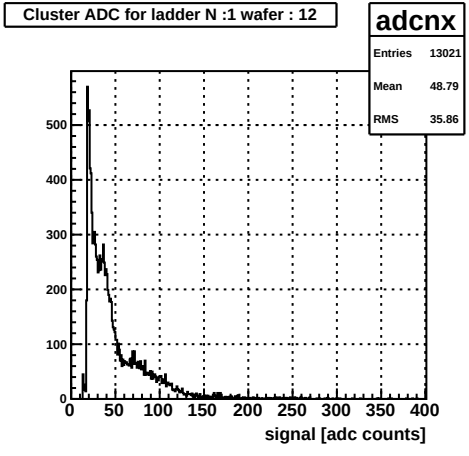

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2252
Mean 35.33
RMS 41.85
signal [adc counts]

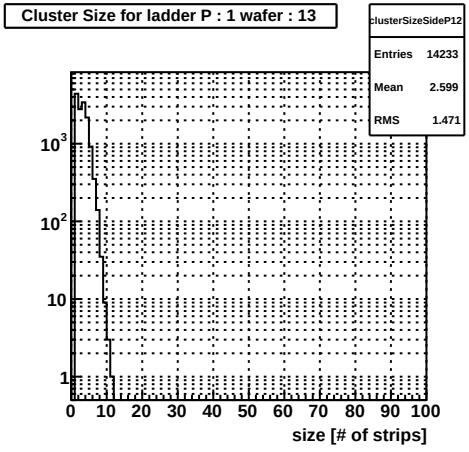

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2218
Mean 1.311
RMS 0.7896
size [# of strips]

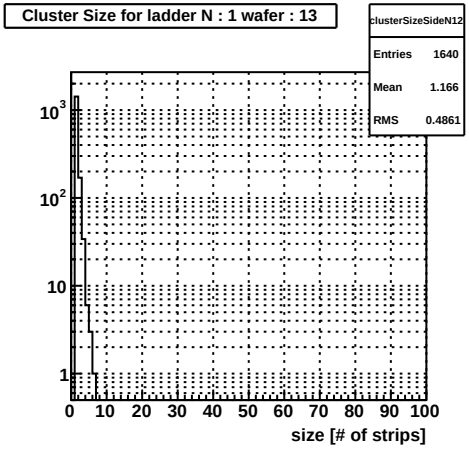

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 13021
Mean 1.463
RMS 1.086
size [# of strips]

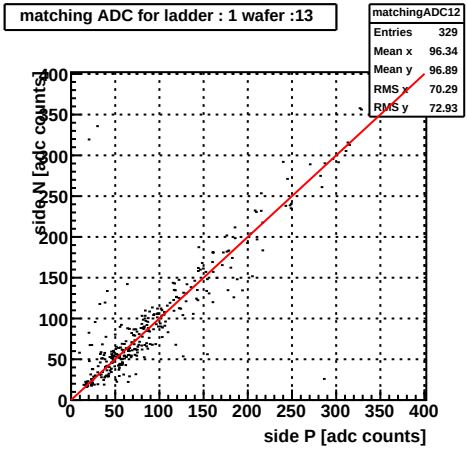

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 368
Mean x 64.38
Mean y 58.87
RMS x 52.77
RMS y 69.16
side N [adc counts]
side P [adc counts]

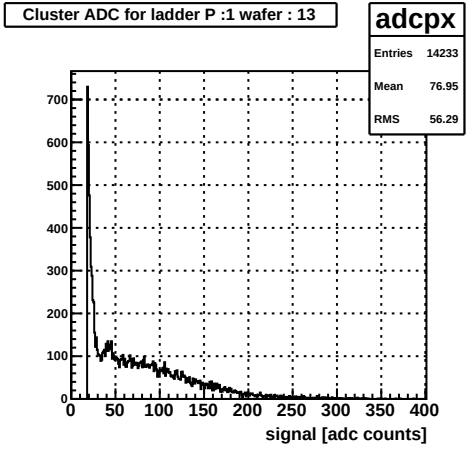

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2218
Mean 57.35
RMS 57.17
signal [adc counts]

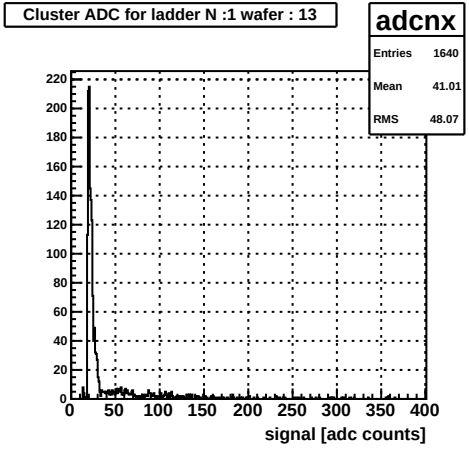

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 13021
Mean 48.79
RMS 35.86
signal [adc counts]

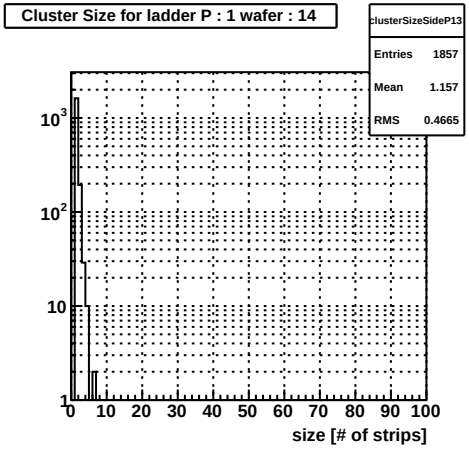

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 14233
Mean 2.599
RMS 1.471
size [# of strips]

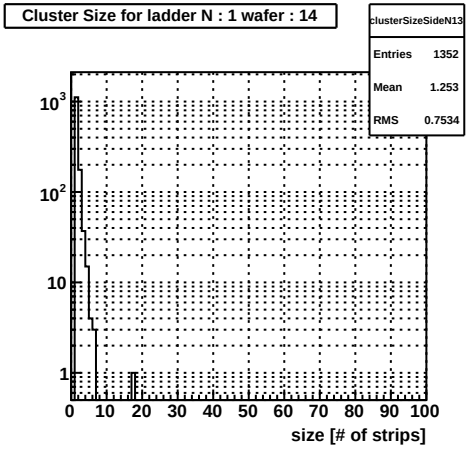

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1640
Mean 1.166
RMS 0.4861
size [# of strips]

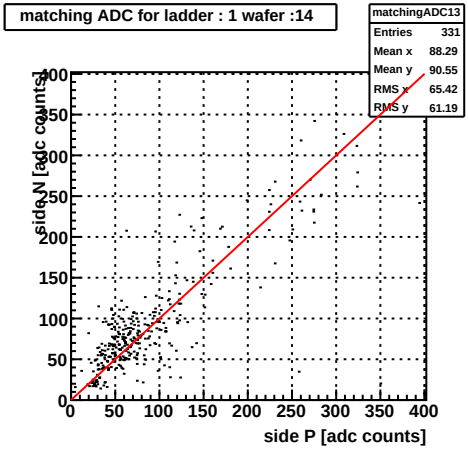

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 329
Mean x 96.34
Mean y 96.89
RMS x 70.29
RMS y 72.93
side N [adc counts]
side P [adc counts]

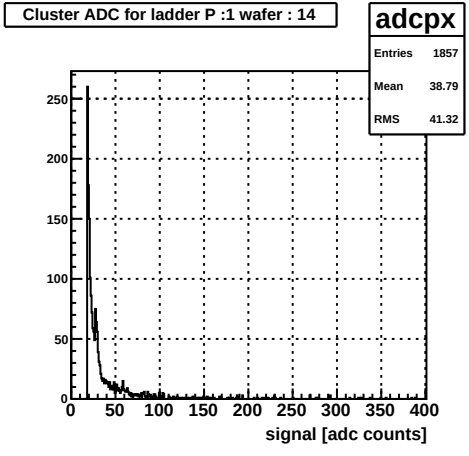

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 14233
Mean 76.95
RMS 56.29
signal [adc counts]

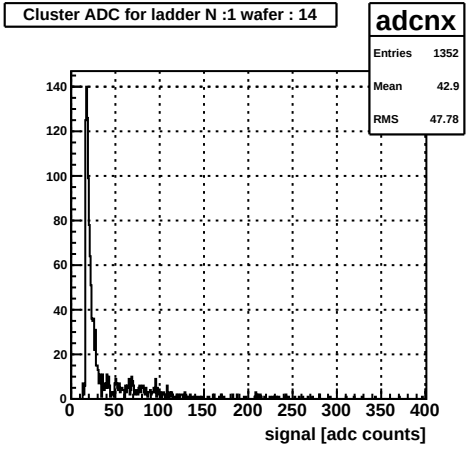

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1640
Mean 41.01
RMS 48.07
signal [adc counts]

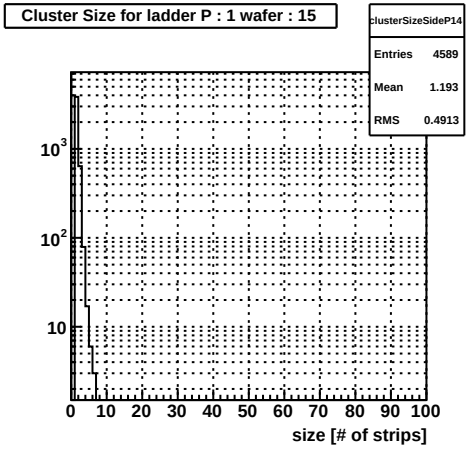

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1857
Mean 1.157
RMS 0.4665
size [# of strips]

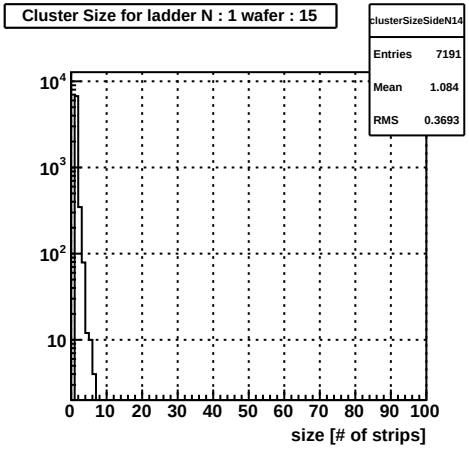

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1352
Mean 1.253
RMS 0.7534
size [# of strips]

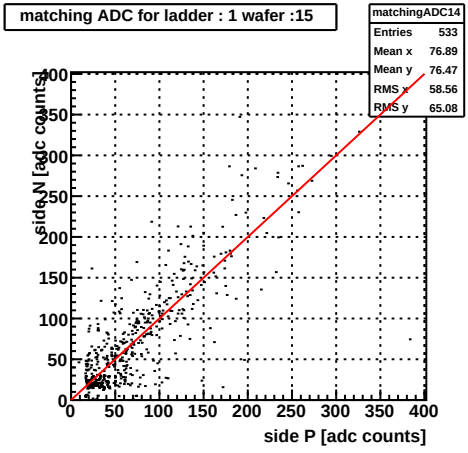

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 331
Mean x 88.29
Mean y 90.55
RMS x 65.42
RMS y 61.19
side N [adc counts]
side P [adc counts]

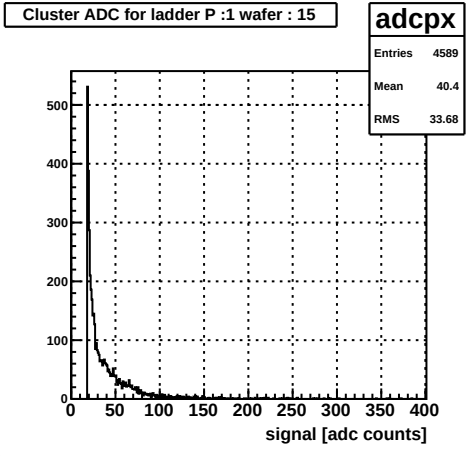

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1857
Mean 38.79
RMS 41.32
signal [adc counts]

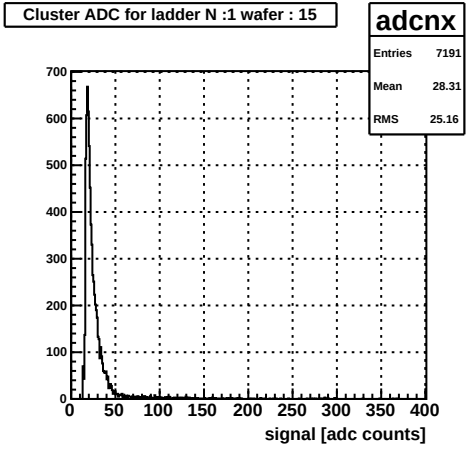

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1352
Mean 42.9
RMS 47.78
signal [adc counts]

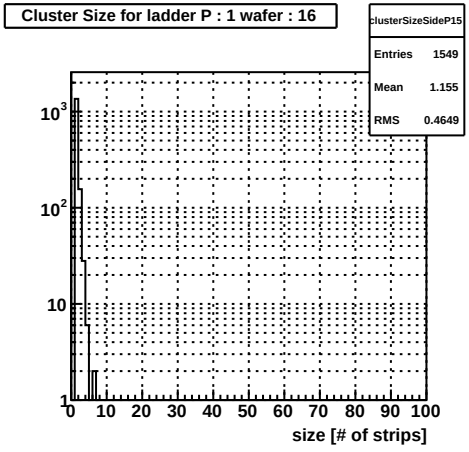

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4589
Mean 1.193
RMS 0.4913
size [# of strips]

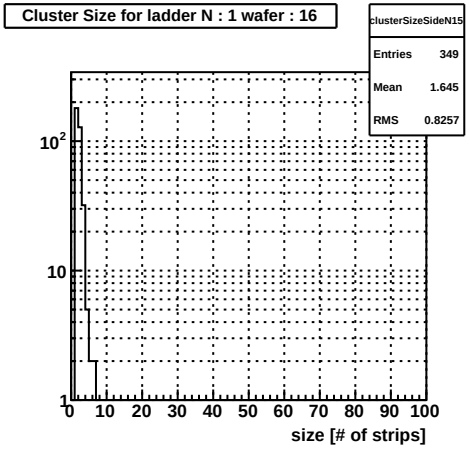

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7191
Mean 1.084
RMS 0.3693
size [# of strips]

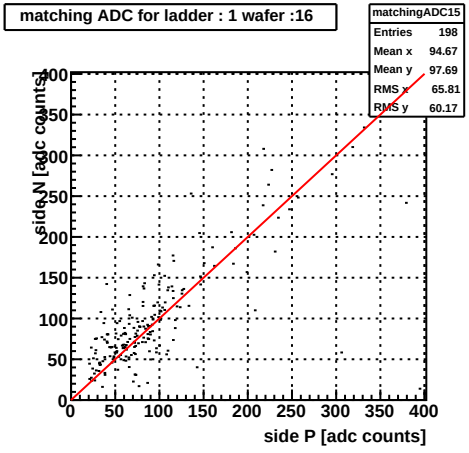

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 533
Mean x 76.89
Mean y 76.47
RMS x 58.56
RMS y 65.08
side N [adc counts]
side P [adc counts]

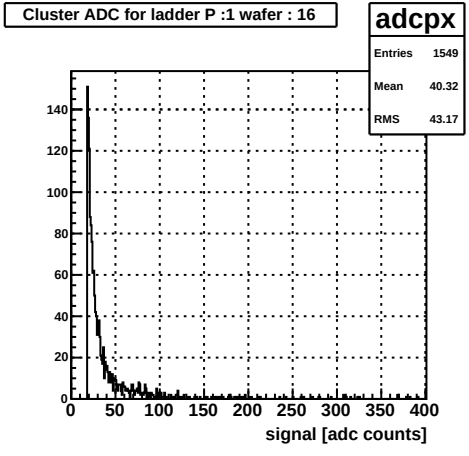

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4589
Mean 40.4
RMS 33.68
signal [adc counts]

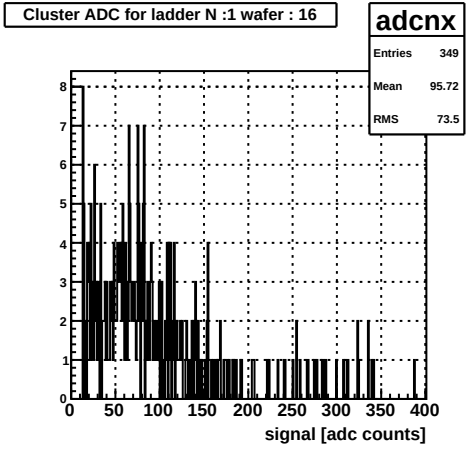

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7191
Mean 28.31
RMS 25.16
signal [adc counts]

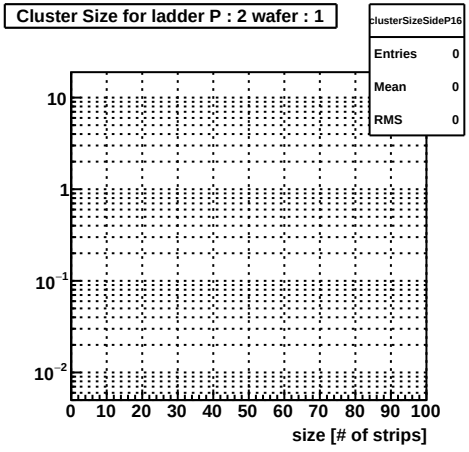

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1549
Mean 1.155
RMS 0.4649
size [# of strips]

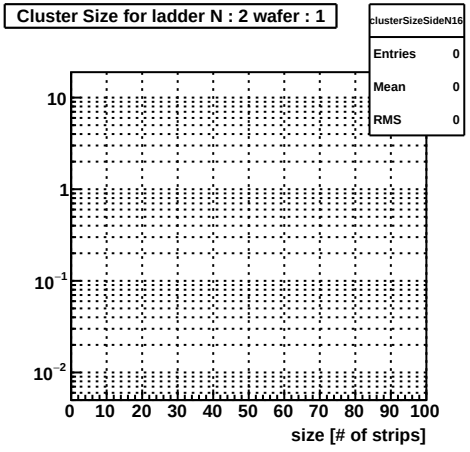

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 349
Mean 1.645
RMS 0.8257
size [# of strips]

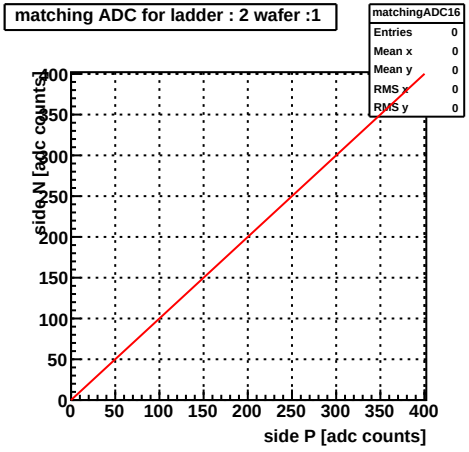

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 198
Mean x 94.67
Mean y 97.69
RMS x 65.81
RMS y 60.17
side N [adc counts]
side P [adc counts]

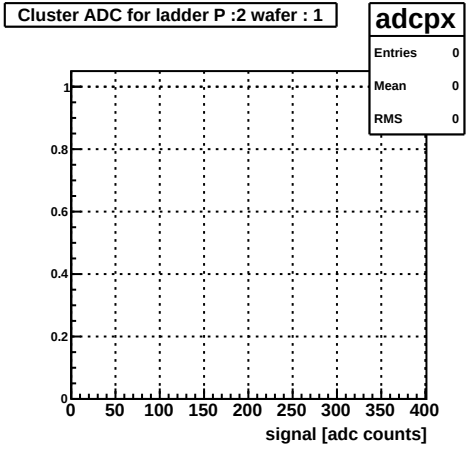

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1549
Mean 40.32
RMS 43.17
signal [adc counts]

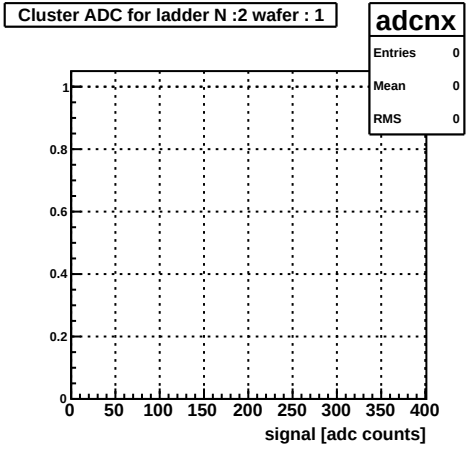

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 349
Mean 95.72
RMS 73.5
signal [adc counts]

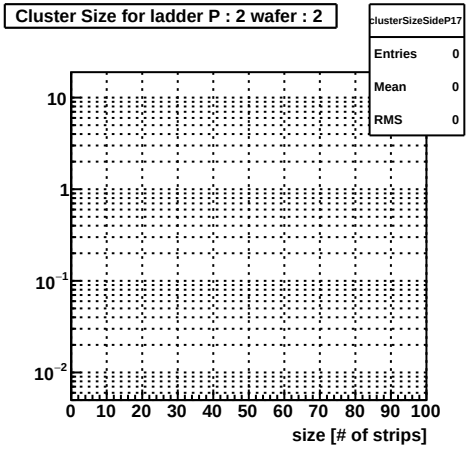

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

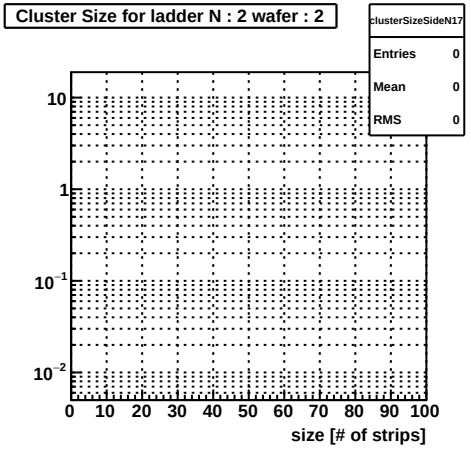

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

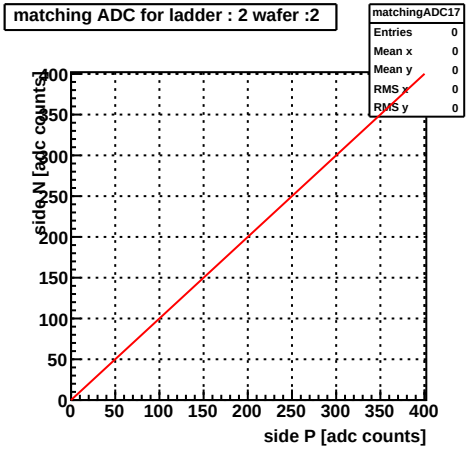

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

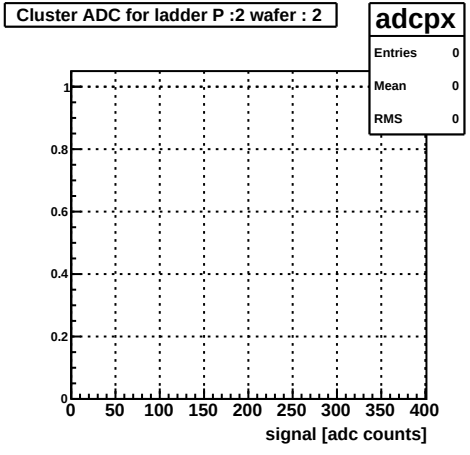

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

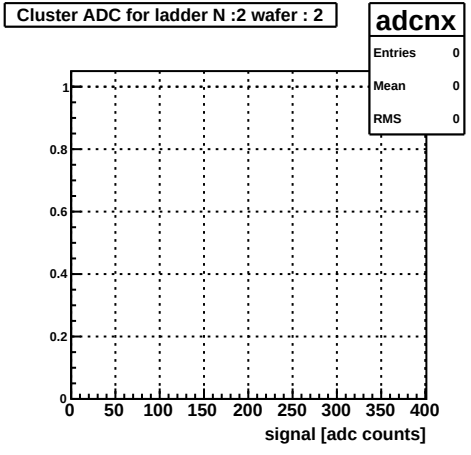

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

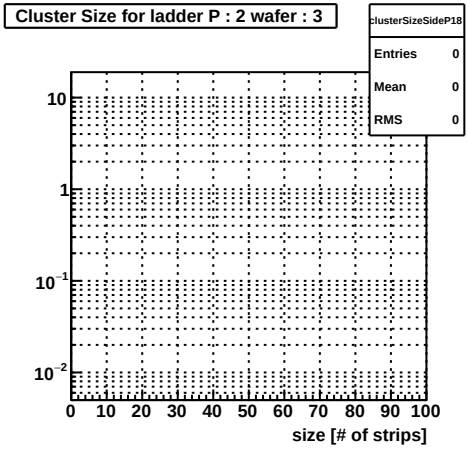

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

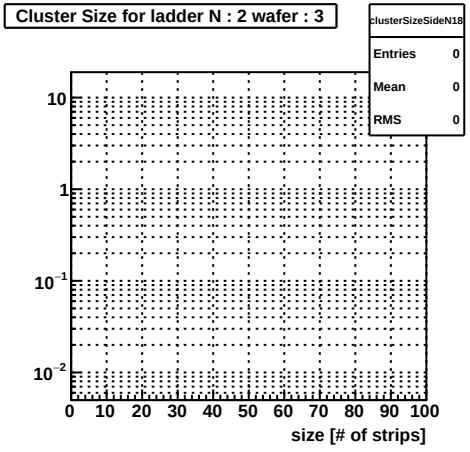

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

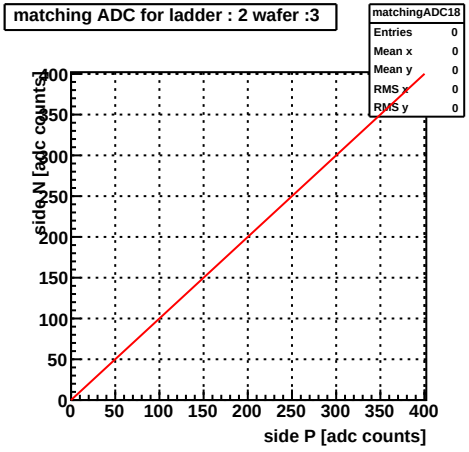

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

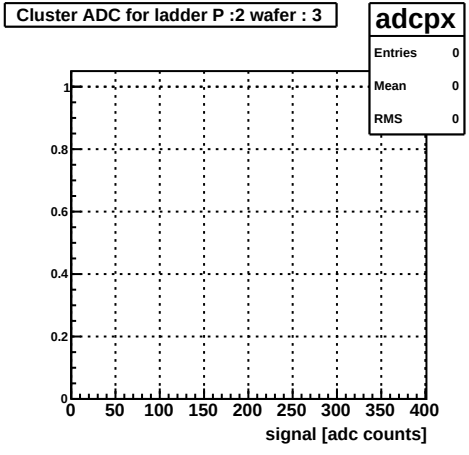

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

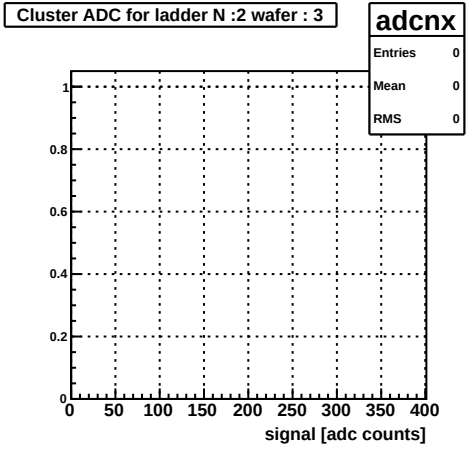

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

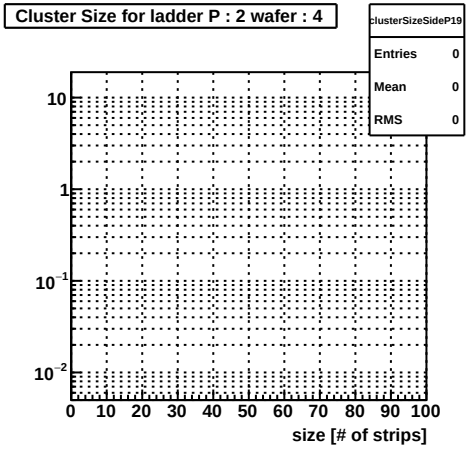

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

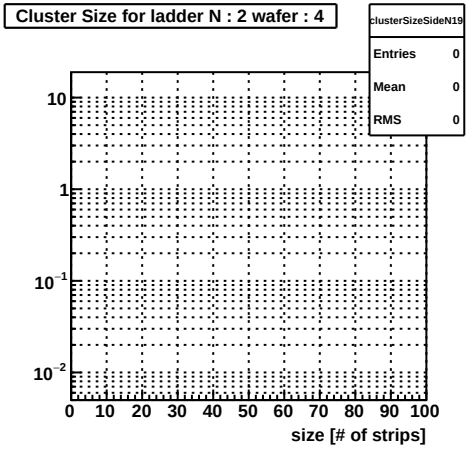

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

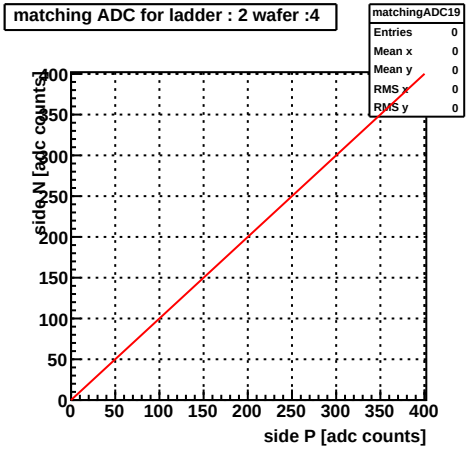

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

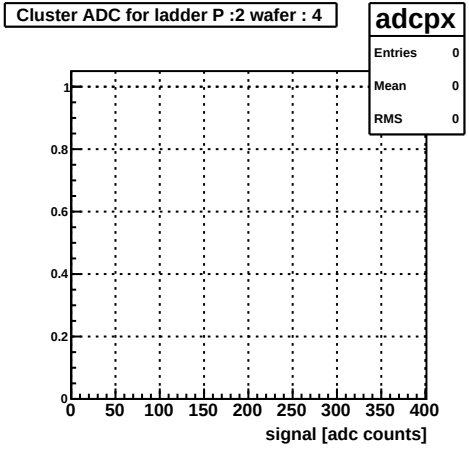

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

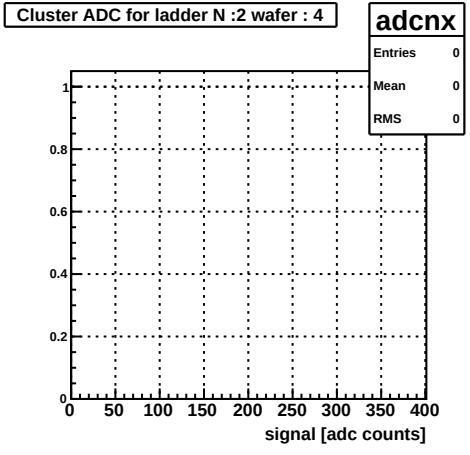

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

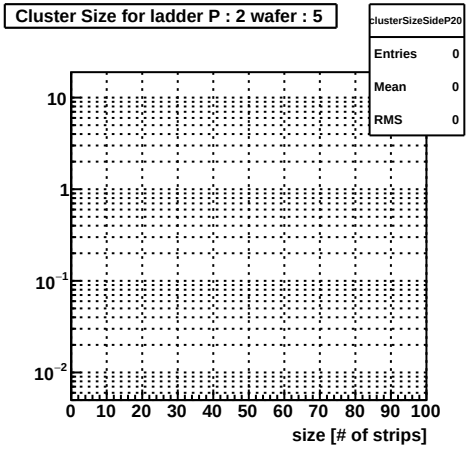

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

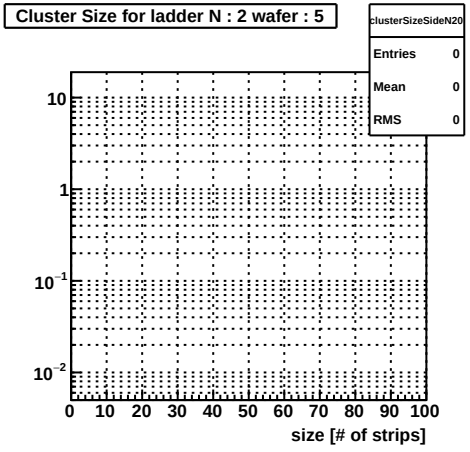

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

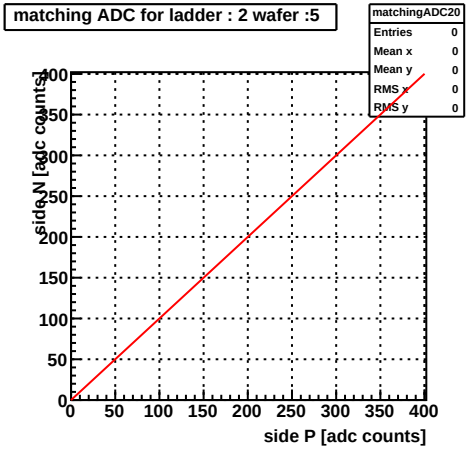

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

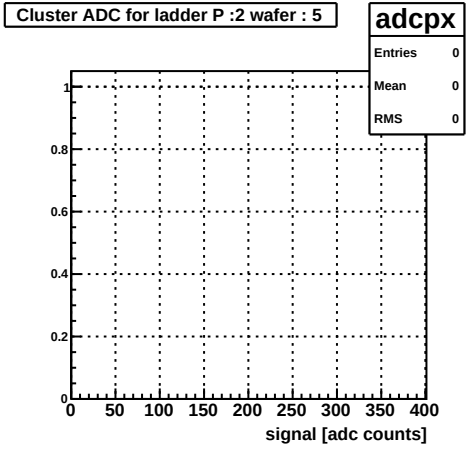

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

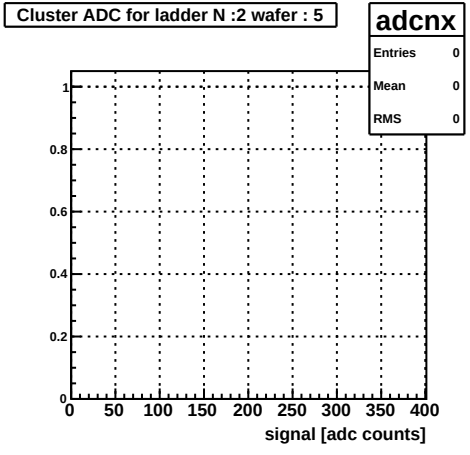

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

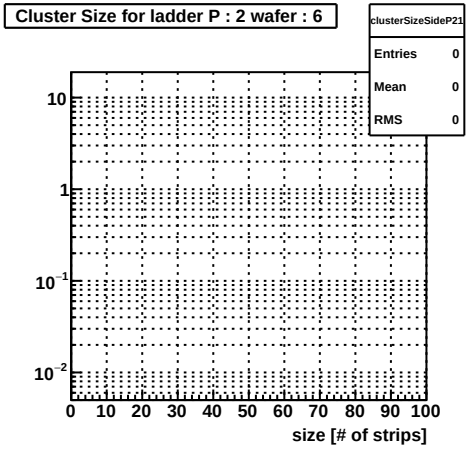

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

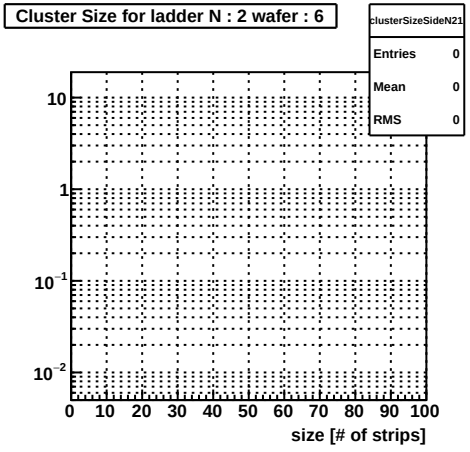

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

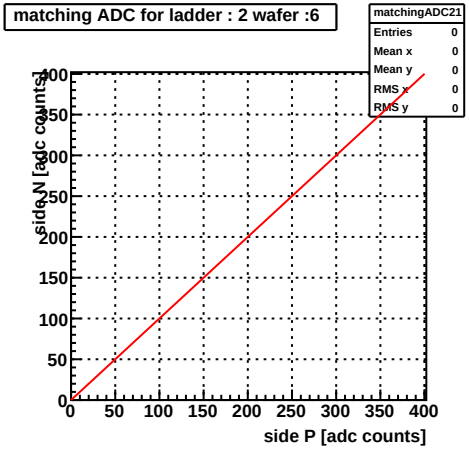

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

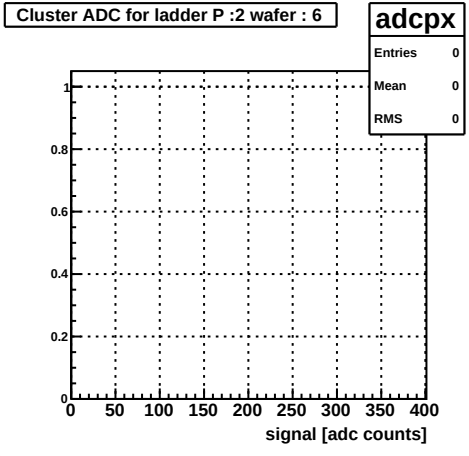

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

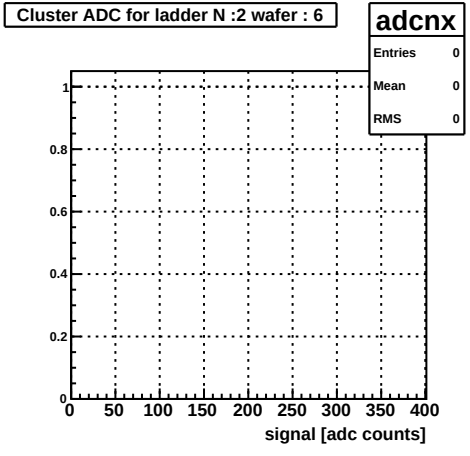

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

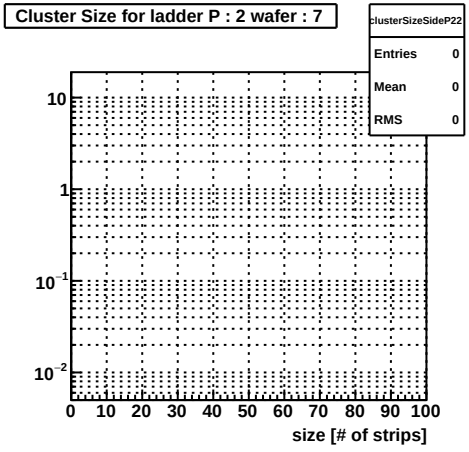

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

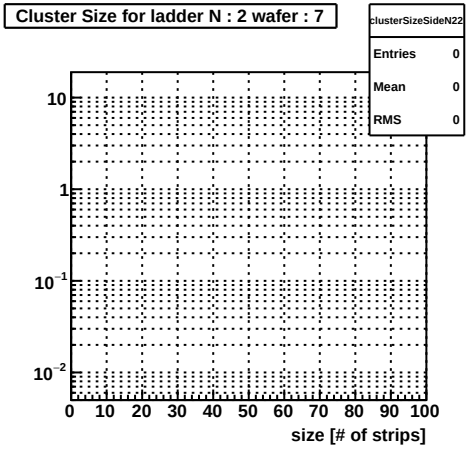

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

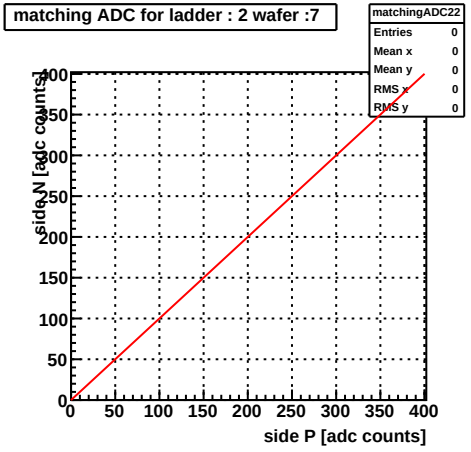

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

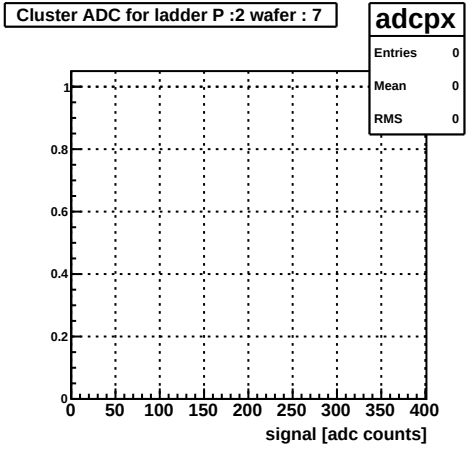

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

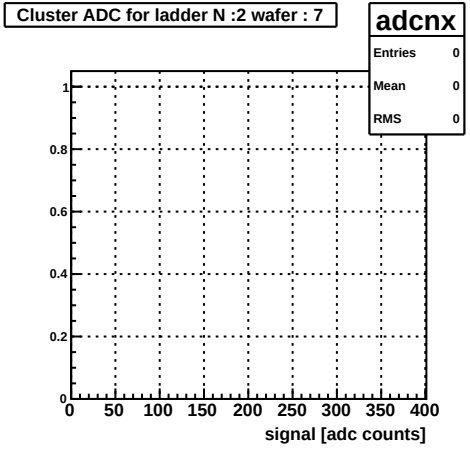

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

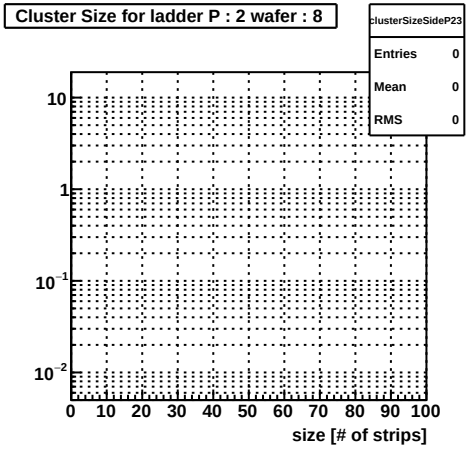

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

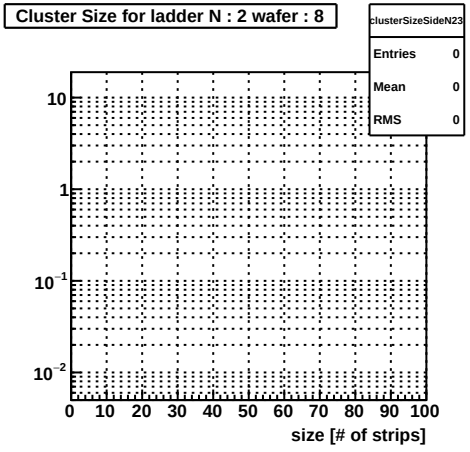

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

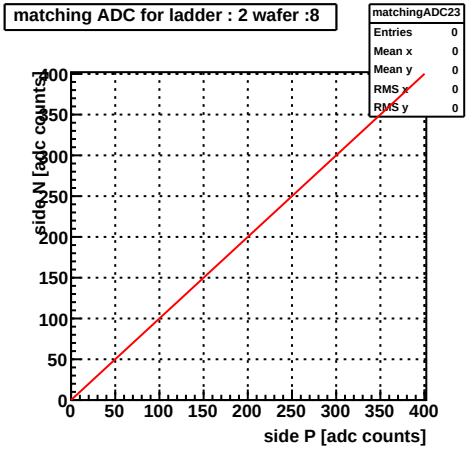

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

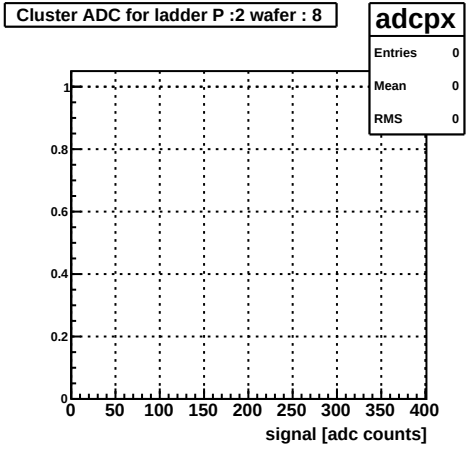

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

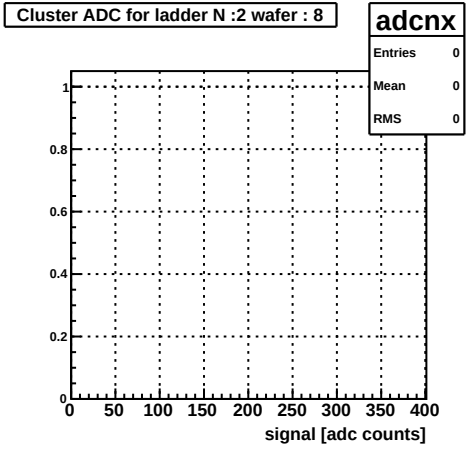

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

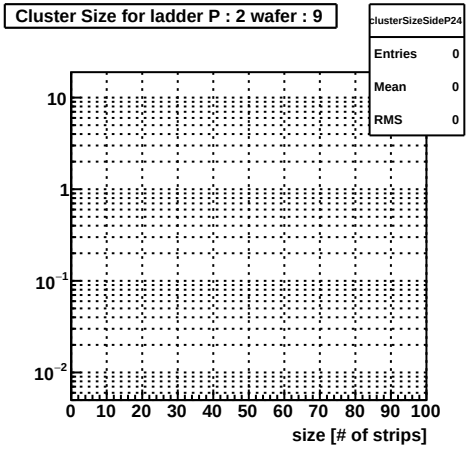

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

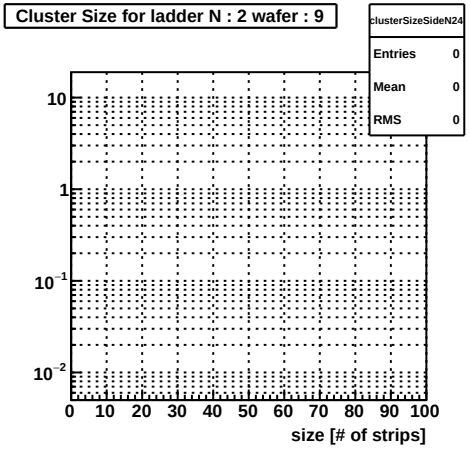

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

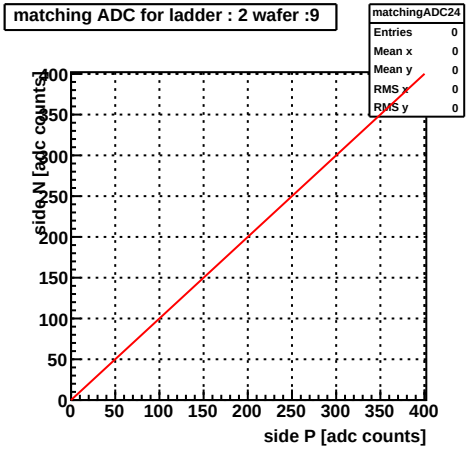

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

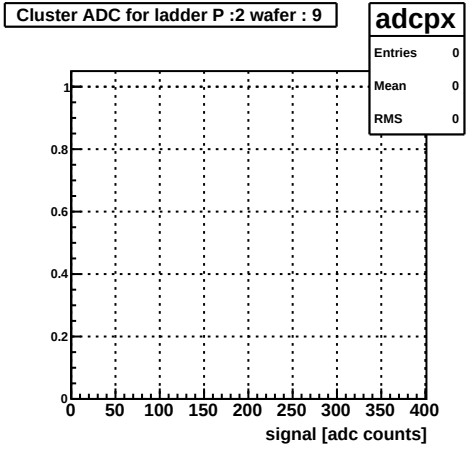

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

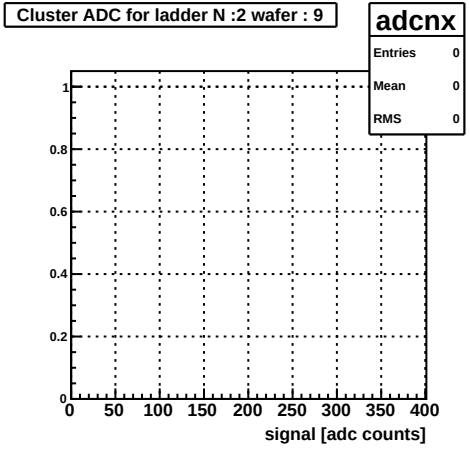

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

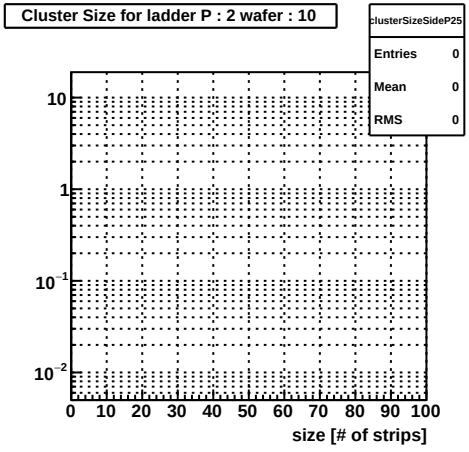

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

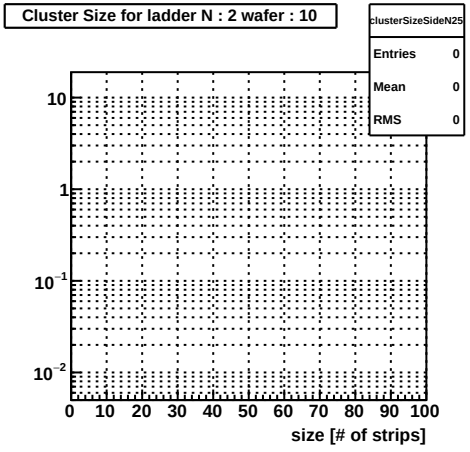

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

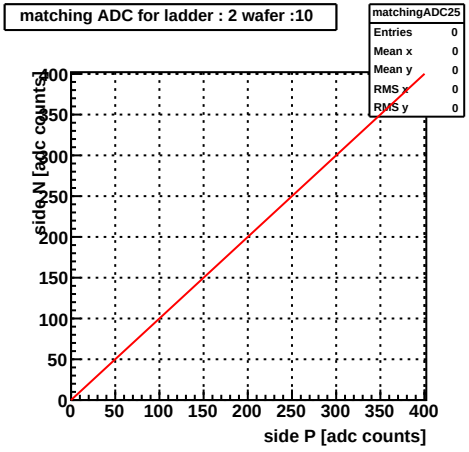

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

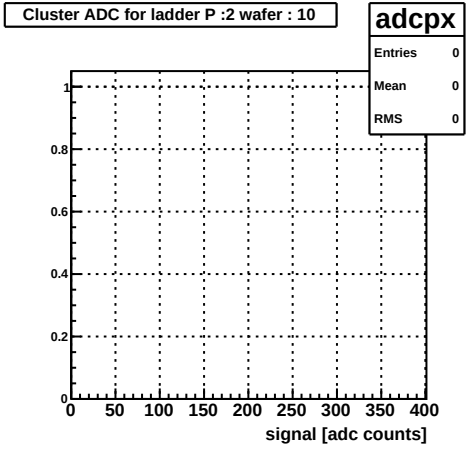

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

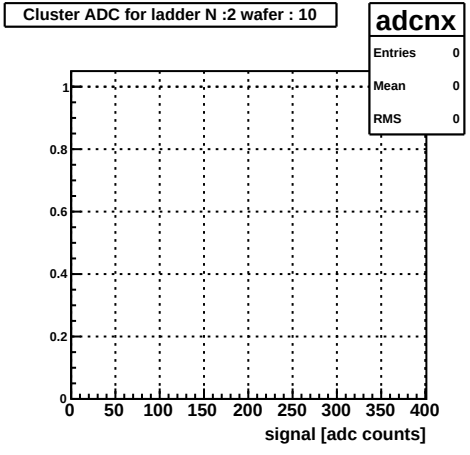

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

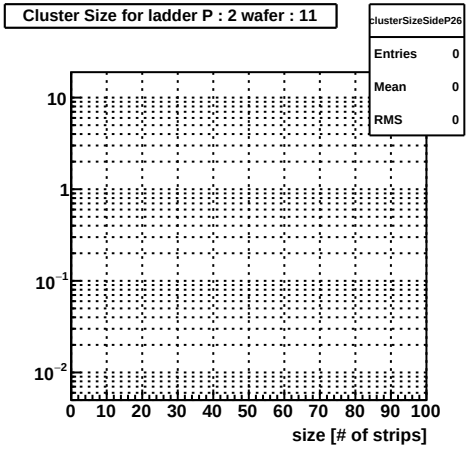

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

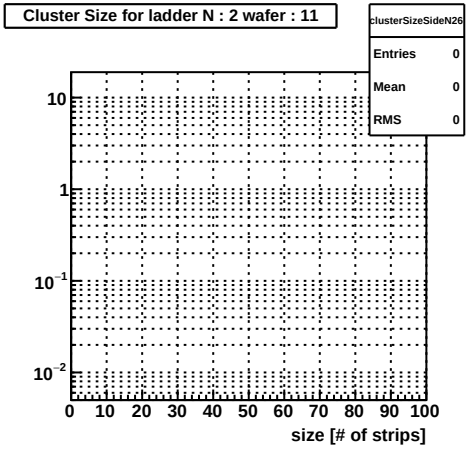

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

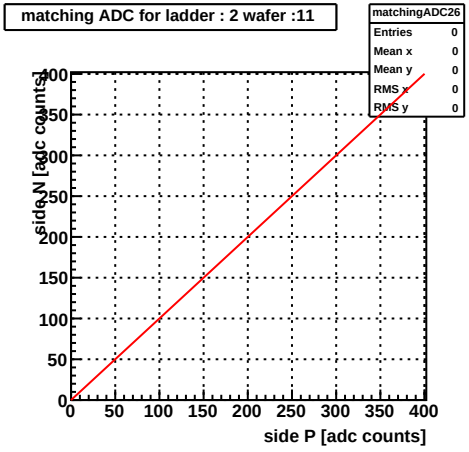

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

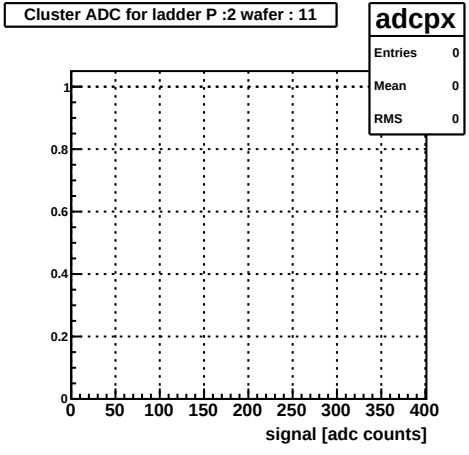

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

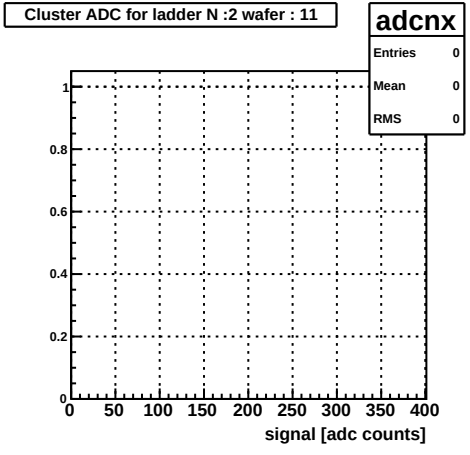

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

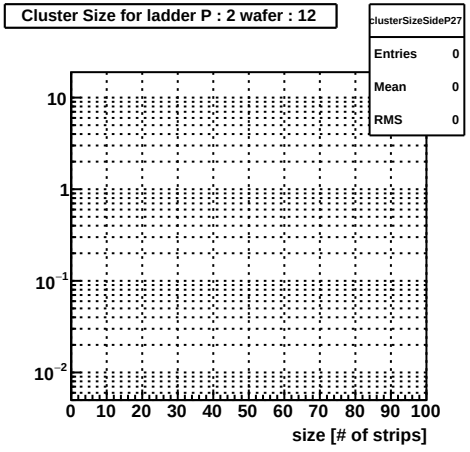

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

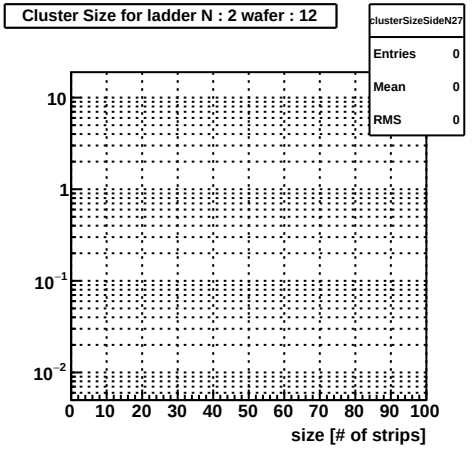

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

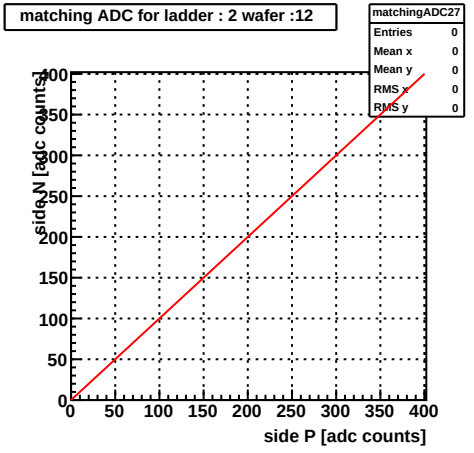

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

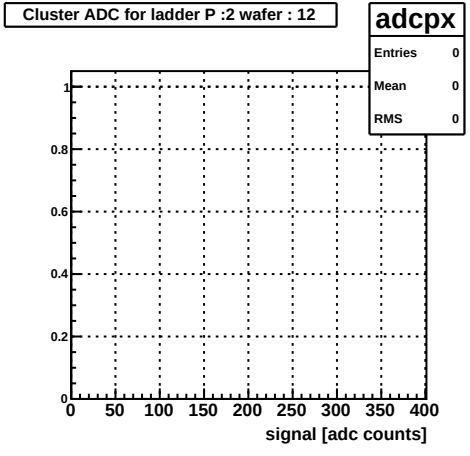

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

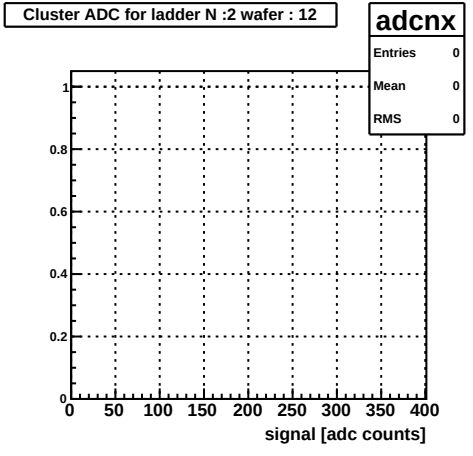

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

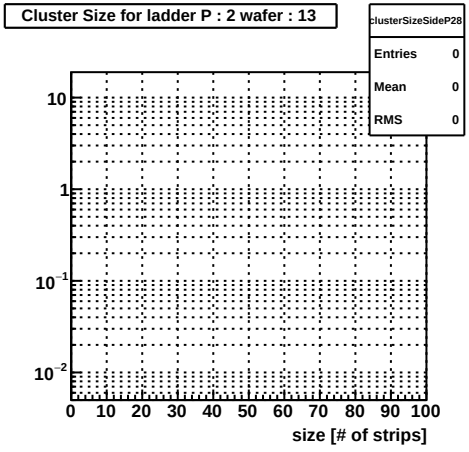

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

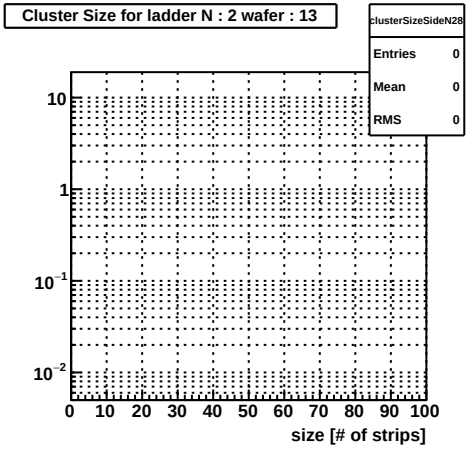

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

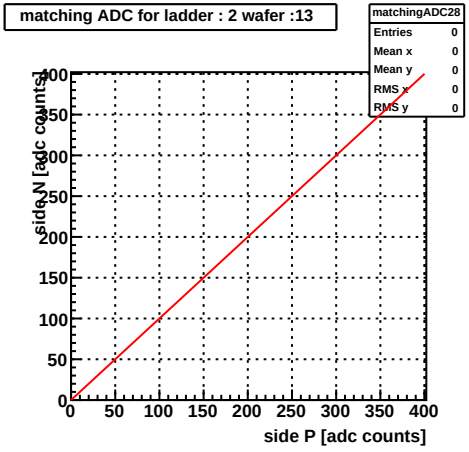

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

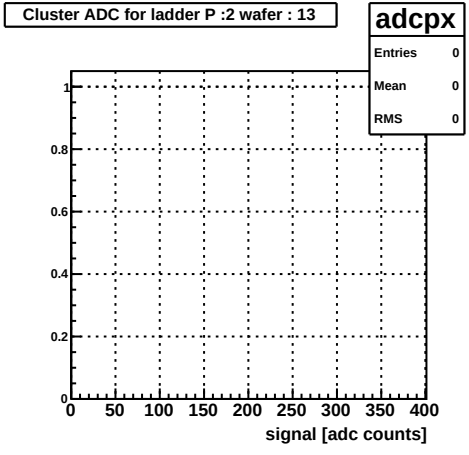

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

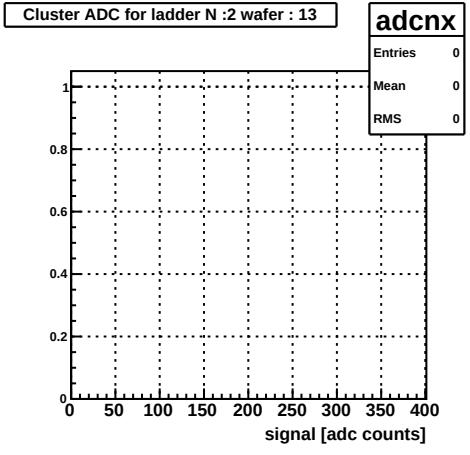

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

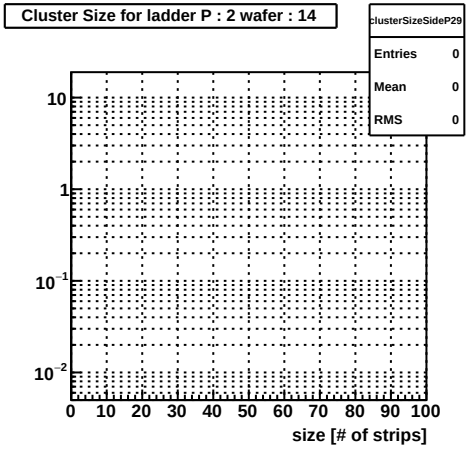

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

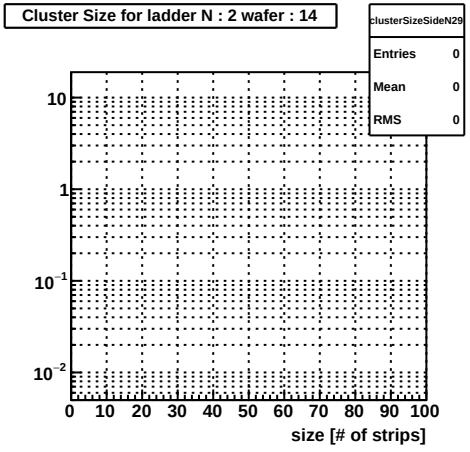

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

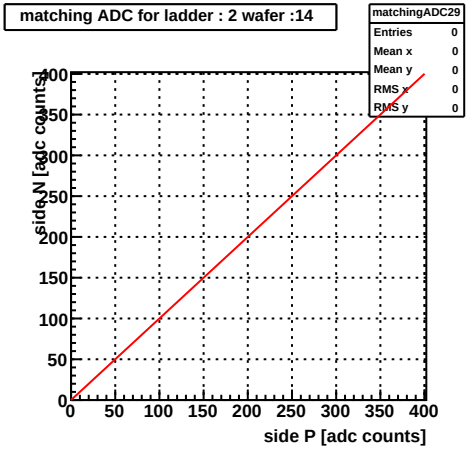

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

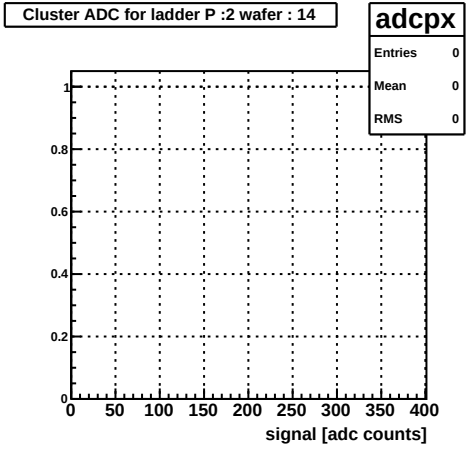

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

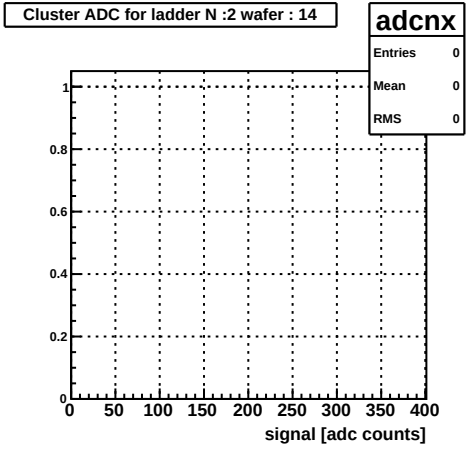

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

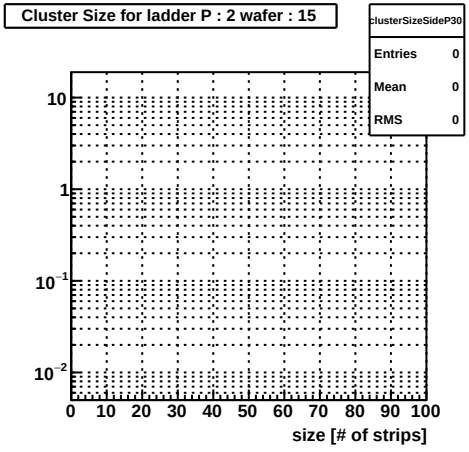

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

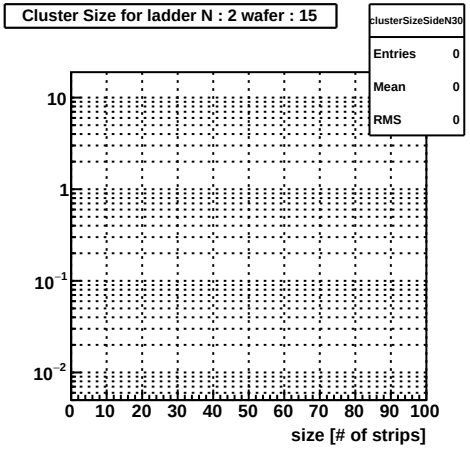

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

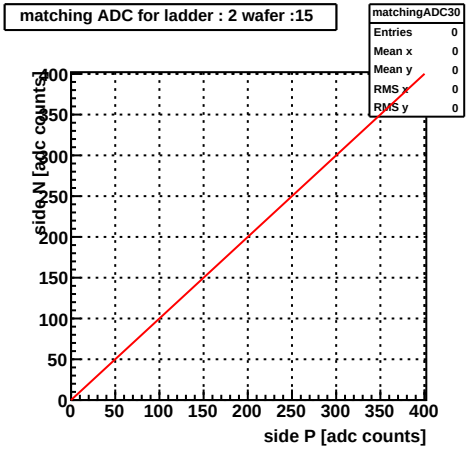

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

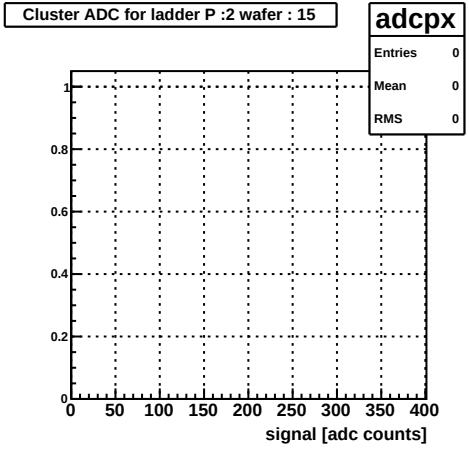

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

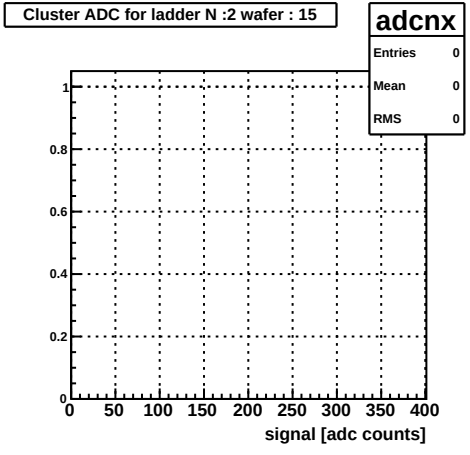

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

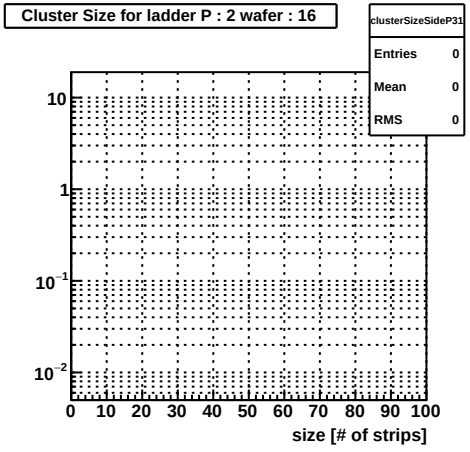

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

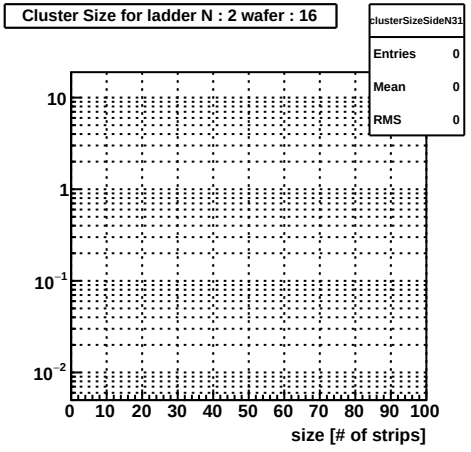

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

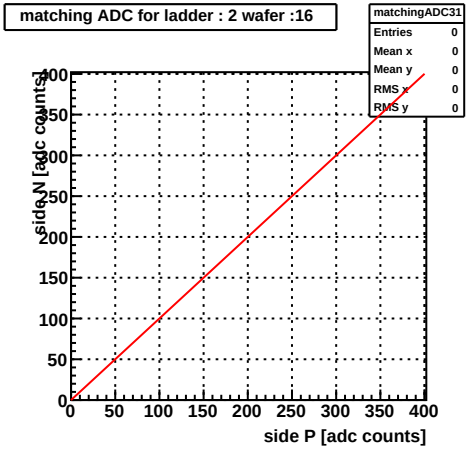

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

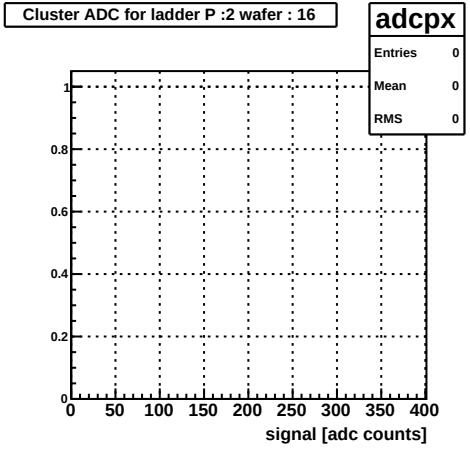

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

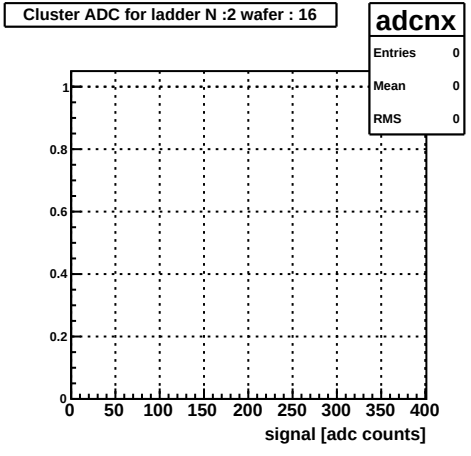

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

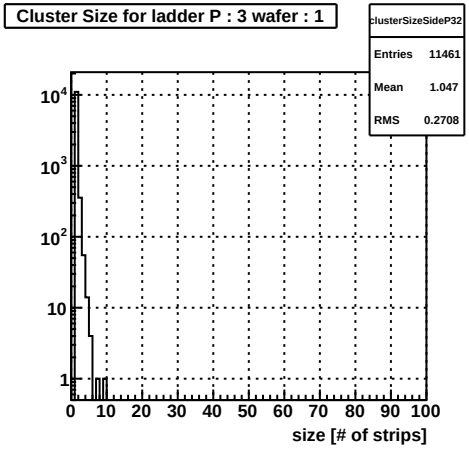

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

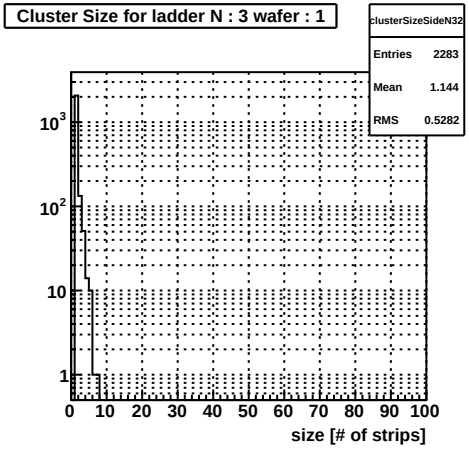

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

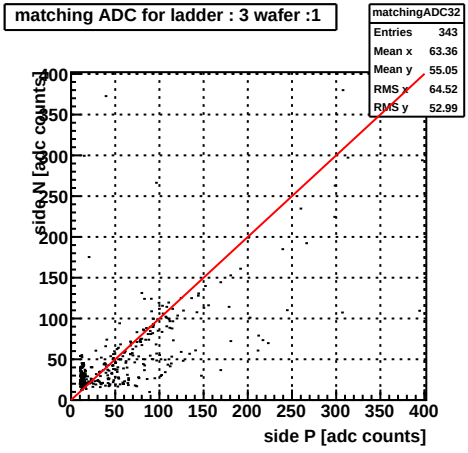

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

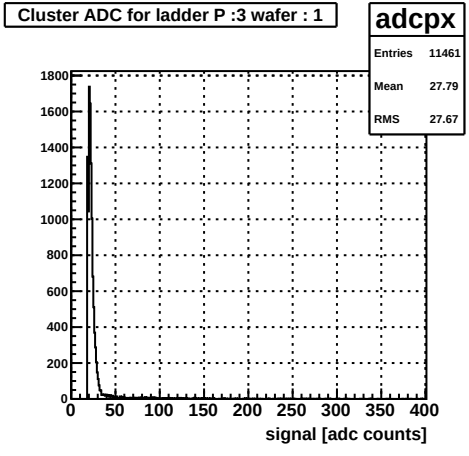

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

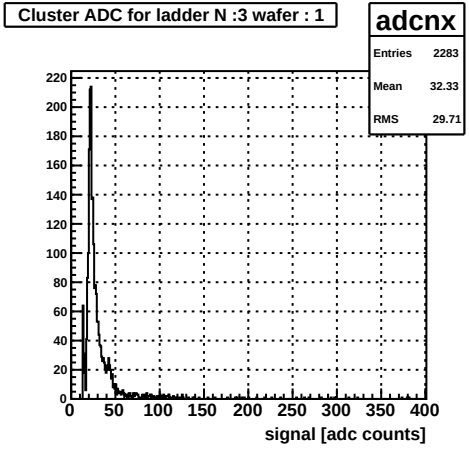

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

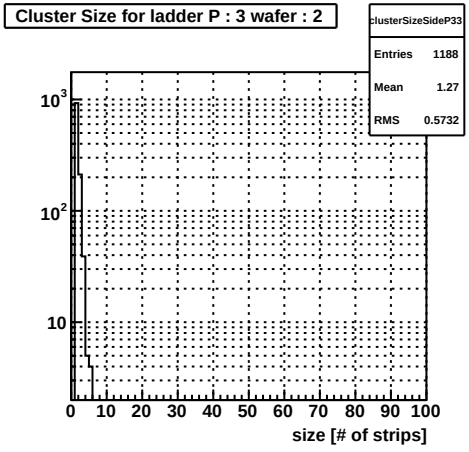

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11461
Mean 1.047
RMS 0.2708
size [# of strips]

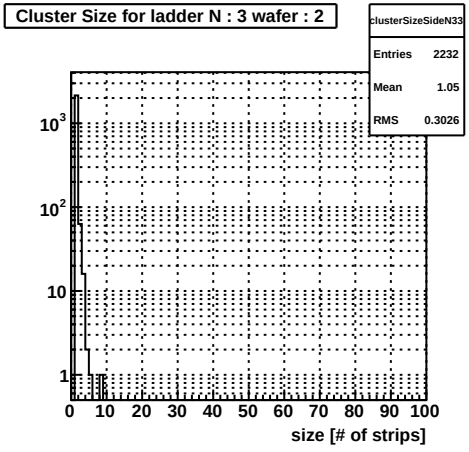

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2283
Mean 1.144
RMS 0.5282
size [# of strips]

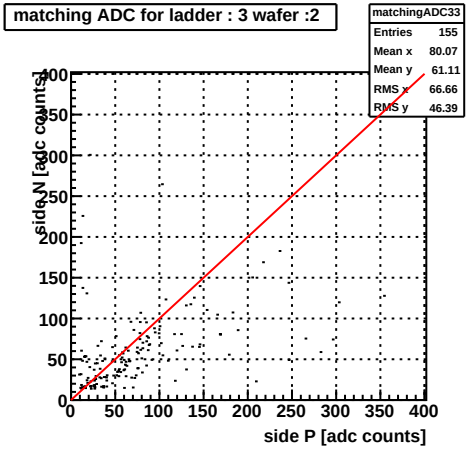

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 343
Mean x 63.36
Mean y 55.05
RMS x 64.52
RMS y 52.99
side N [adc counts]
side P [adc counts]

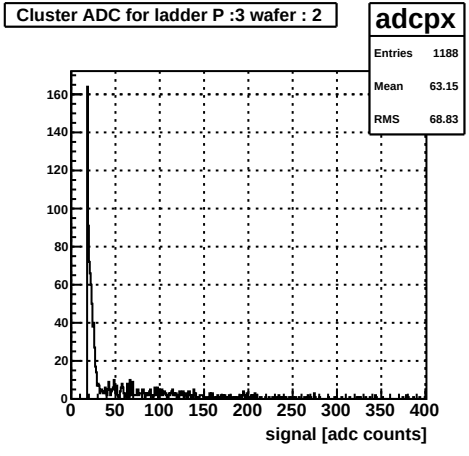

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11461
Mean 27.79
RMS 27.67
signal [adc counts]

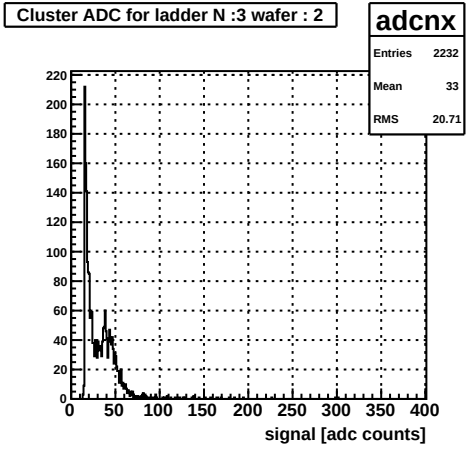

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2283
Mean 32.33
RMS 29.71
signal [adc counts]

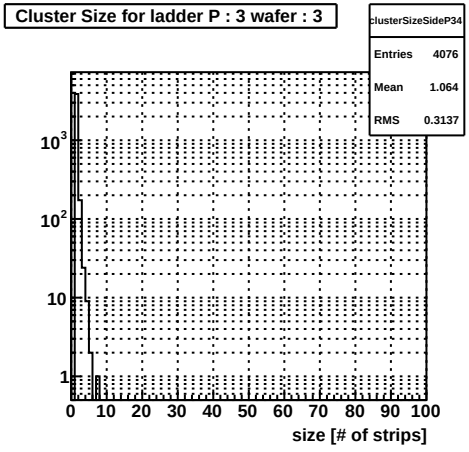

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1188
Mean 1.27
RMS 0.5732
size [# of strips]

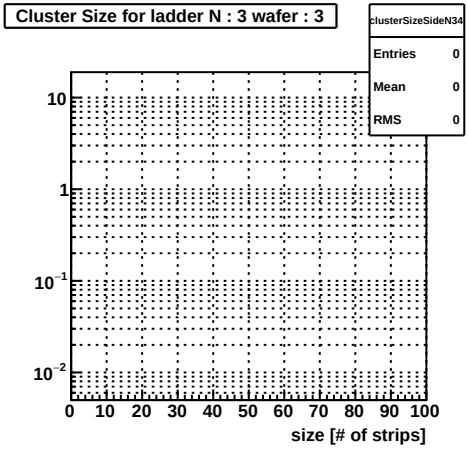

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2232
Mean 1.05
RMS 0.3026
size [# of strips]

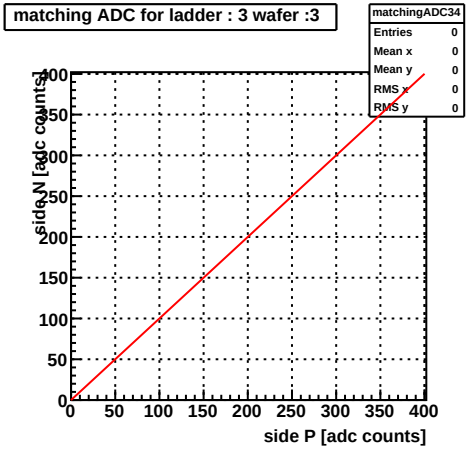

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 155
Mean x 80.07
Mean y 61.11
RMS x 66.66
RMS y 46.39
side N [adc counts]
side P [adc counts]

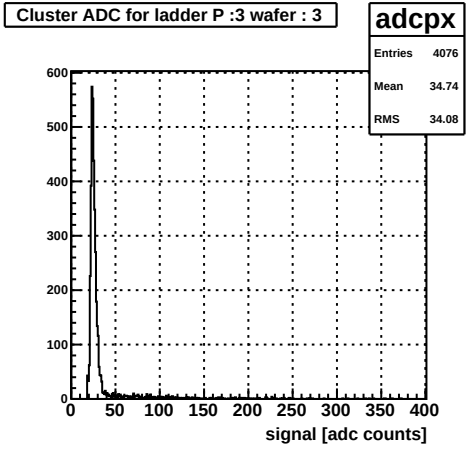

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1188
Mean 63.15
RMS 68.83
signal [adc counts]

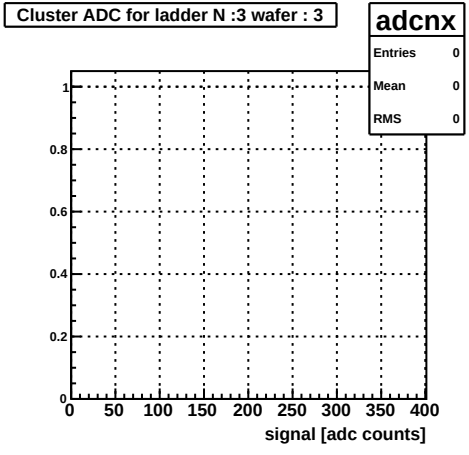

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2232
Mean 33
RMS 20.71
signal [adc counts]

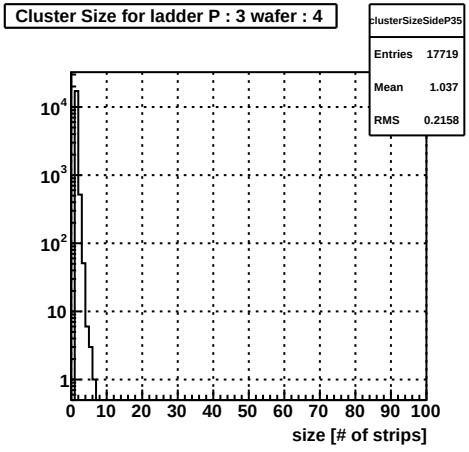

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4076
Mean 1.064
RMS 0.3137
size [# of strips]

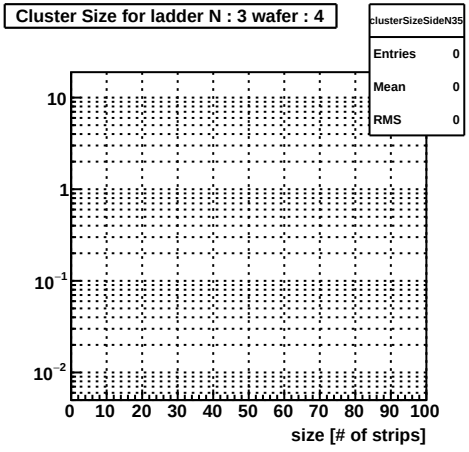

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

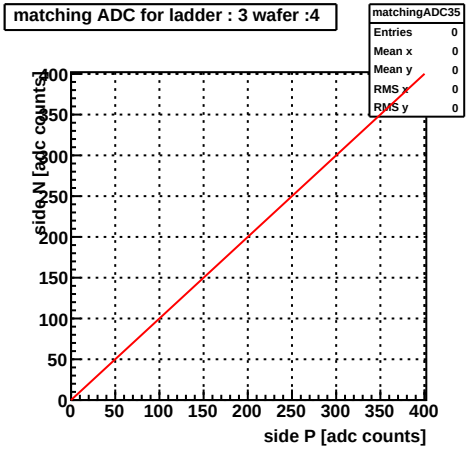

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

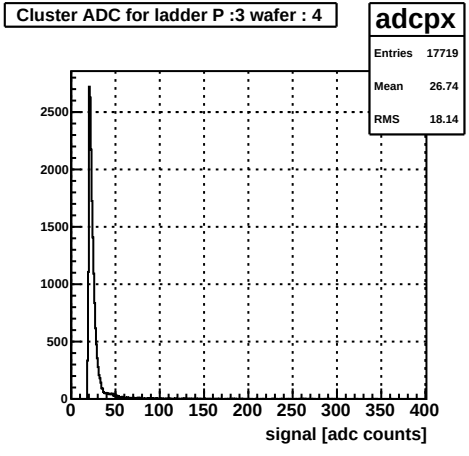

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4076
Mean 34.74
RMS 34.08
signal [adc counts]

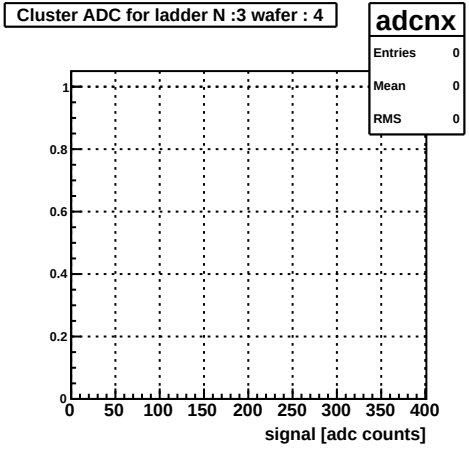

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

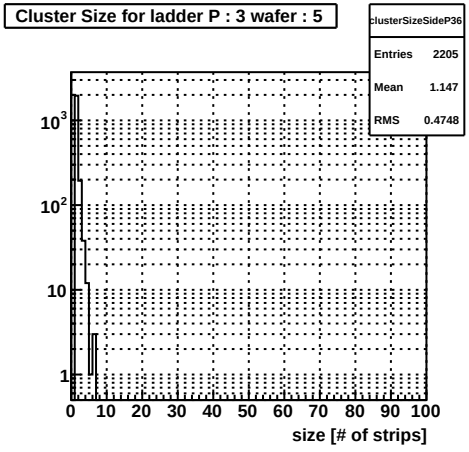

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17719
Mean 1.037
RMS 0.2158
size [# of strips]

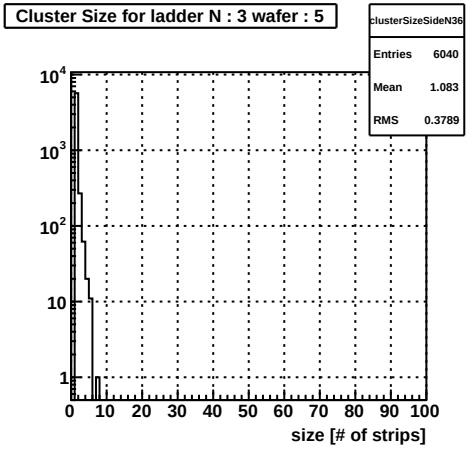

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

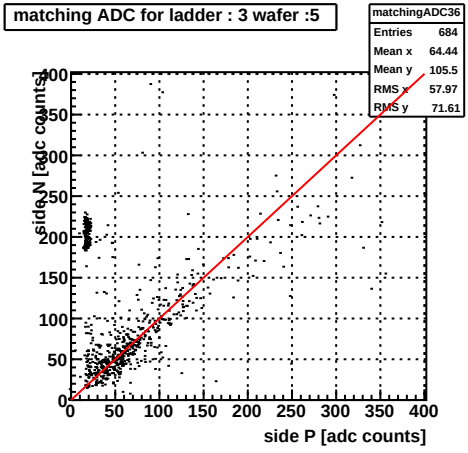

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

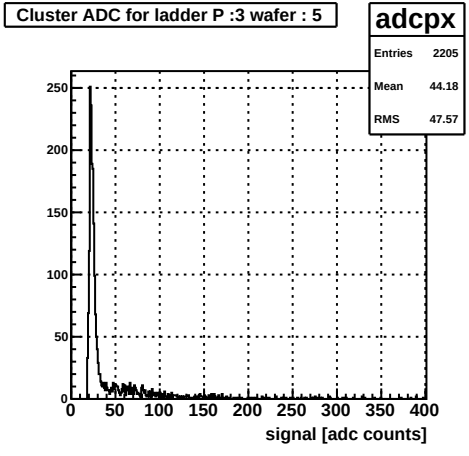

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17719
Mean 26.74
RMS 18.14
signal [adc counts]

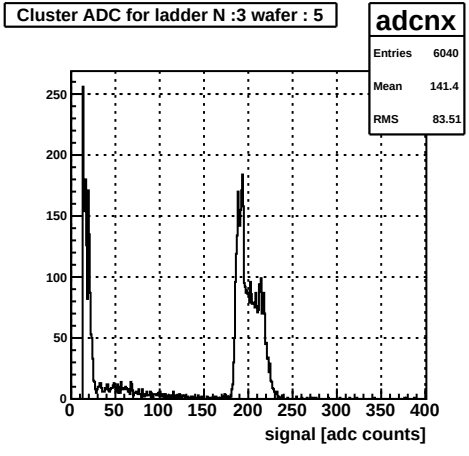

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

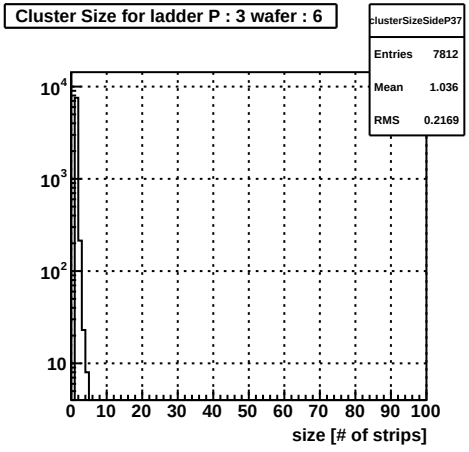

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2205
Mean 1.147
RMS 0.4748
size [# of strips]

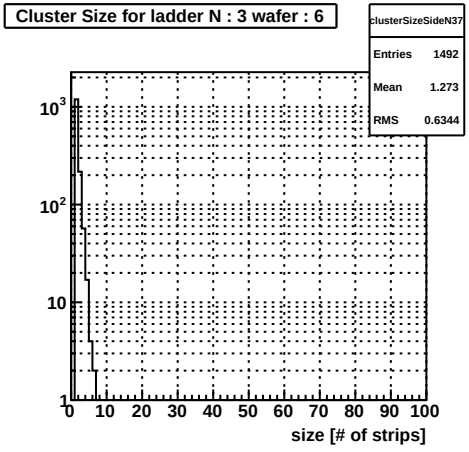

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6040
Mean 1.083
RMS 0.3789
size [# of strips]

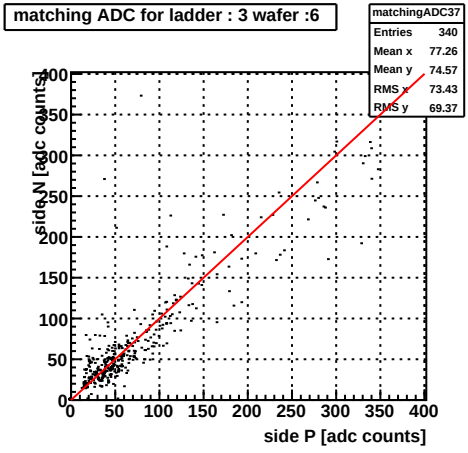

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 684
Mean x 64.44
Mean y 105.5
RMS x 57.97
RMS y 71.61
side N [adc counts]
side P [adc counts]

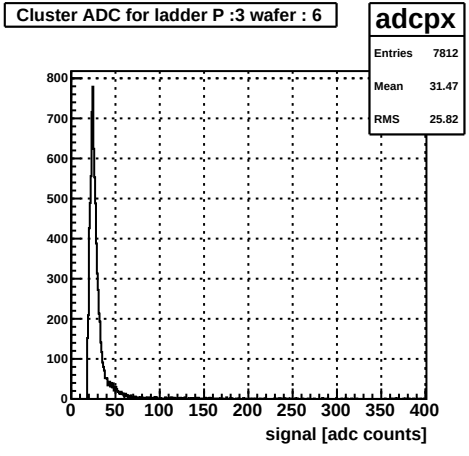

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2205
Mean 44.18
RMS 47.57
signal [adc counts]

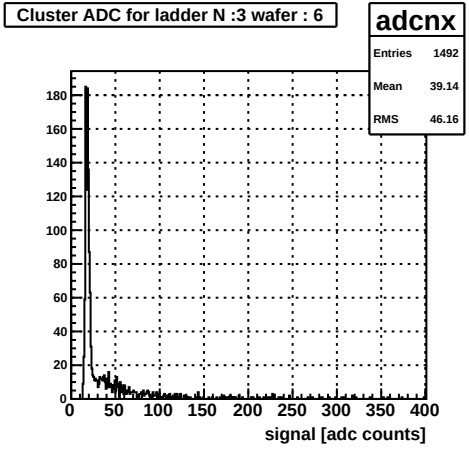

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6040
Mean 141.4
RMS 83.51
signal [adc counts]

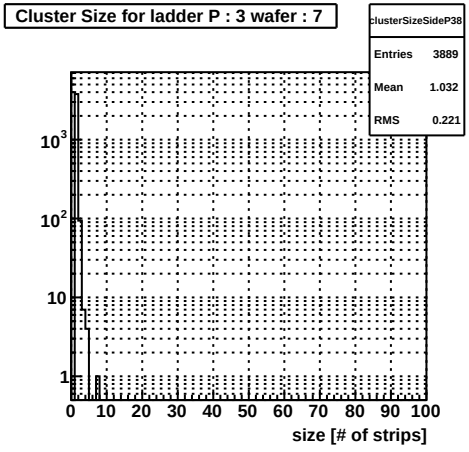

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7812
Mean 1.036
RMS 0.2169
size [# of strips]

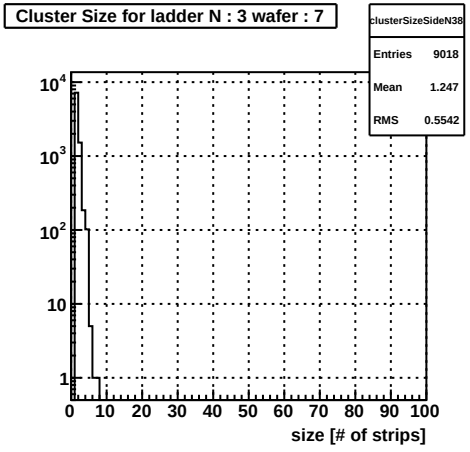

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1492
Mean 1.273
RMS 0.6344
size [# of strips]

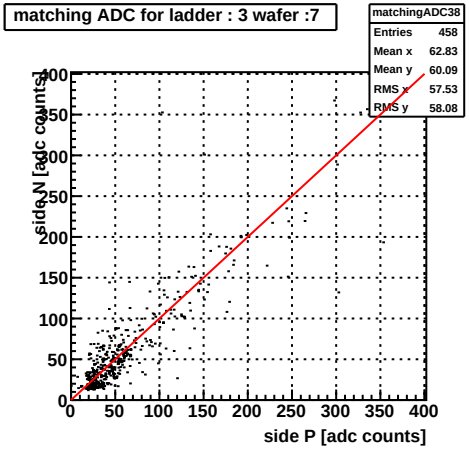

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 340
Mean x 77.26
Mean y 74.57
RMS x 73.43
RMS y 69.37
side N [adc counts]
side P [adc counts]

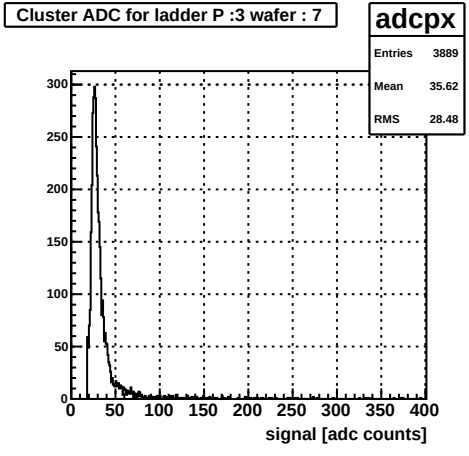

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7812
Mean 31.47
RMS 25.82
signal [adc counts]

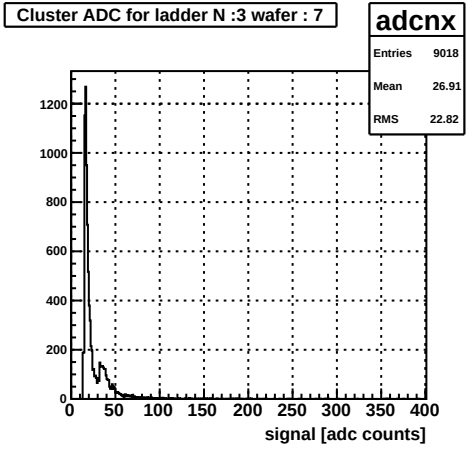

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1492
Mean 39.14
RMS 46.16
signal [adc counts]

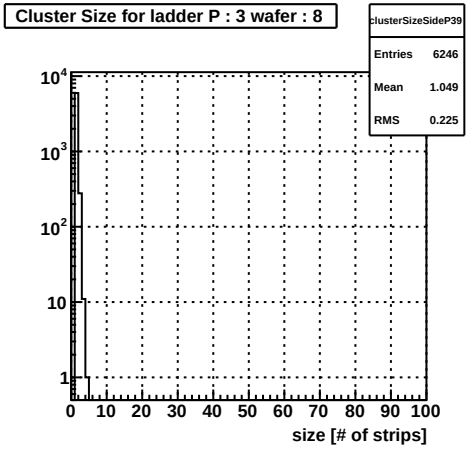

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3889
Mean 1.032
RMS 0.221
size [# of strips]

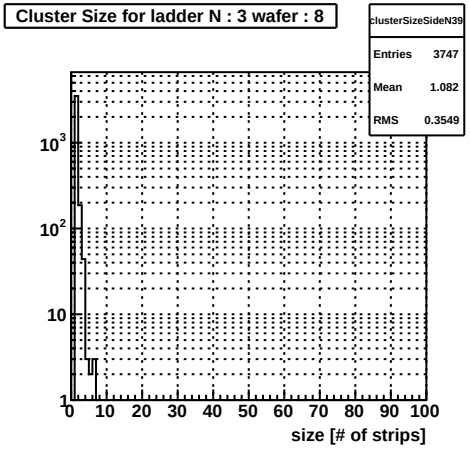

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 9018
Mean 1.247
RMS 0.5542
size [# of strips]

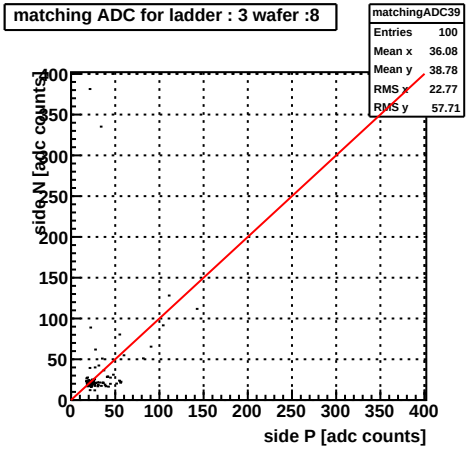

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 458
Mean x 62.83
Mean y 60.09
RMS x 57.53
RMS y 58.08
side N [adc counts]
side P [adc counts]

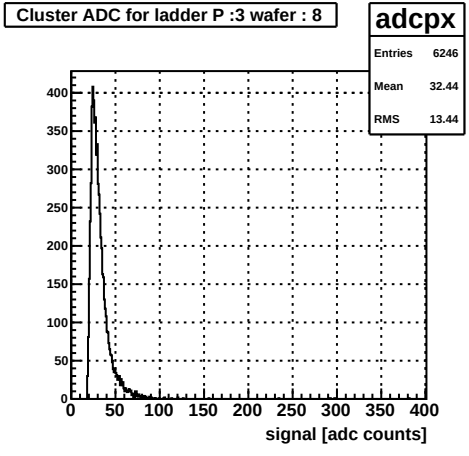

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3889
Mean 35.62
RMS 28.48
signal [adc counts]

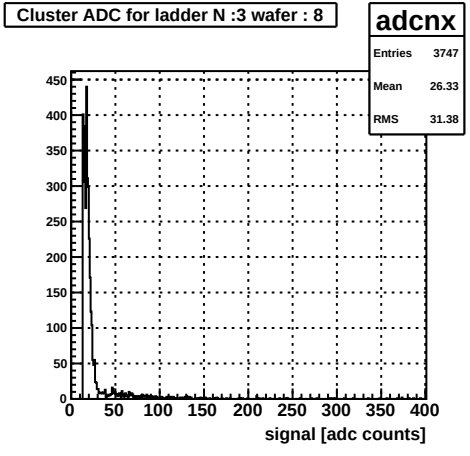

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 9018
Mean 26.91
RMS 22.82
signal [adc counts]

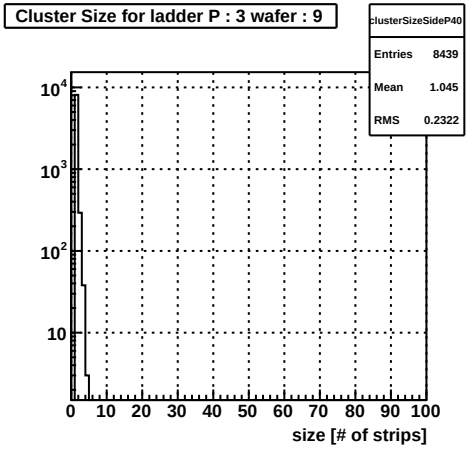

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 6246
Mean 1.049
RMS 0.225
size [# of strips]

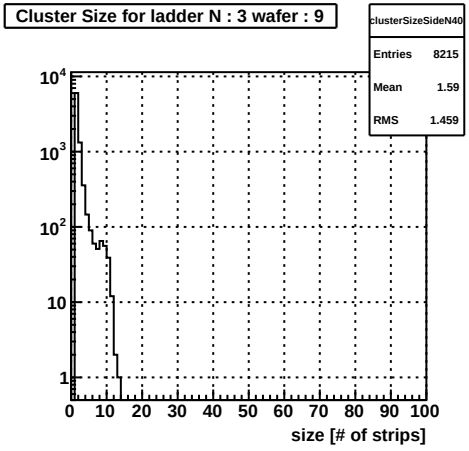

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3747
Mean 1.082
RMS 0.3549
size [# of strips]

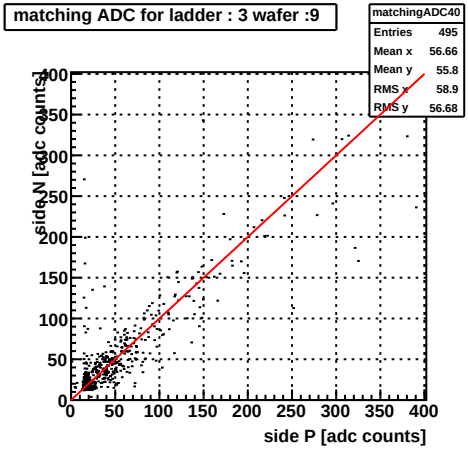

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 100
Mean x 36.08
Mean y 38.78
RMS x 22.77
RMS y 57.71
side N [adc counts]
side P [adc counts]

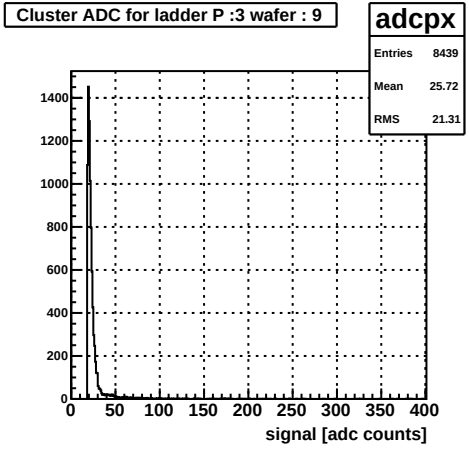

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 6246
Mean 32.44
RMS 13.44
signal [adc counts]

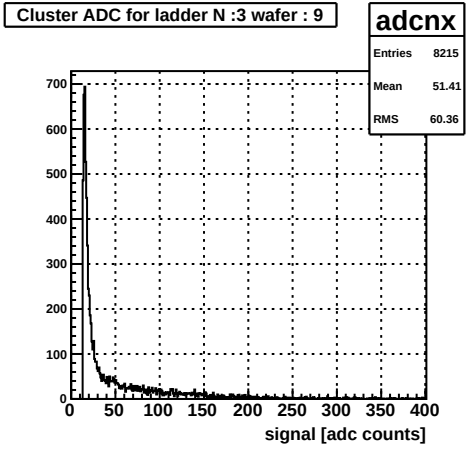

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3747
Mean 26.33
RMS 31.38
signal [adc counts]

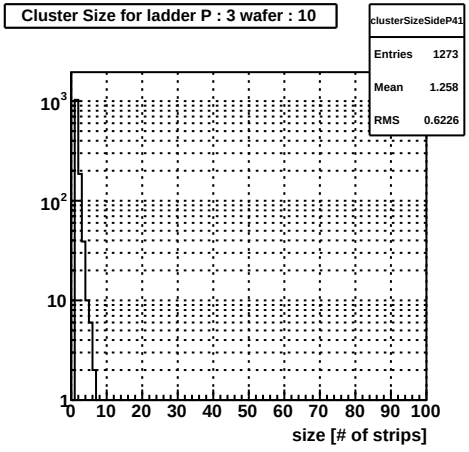

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8439
Mean 1.045
RMS 0.2322
size [# of strips]

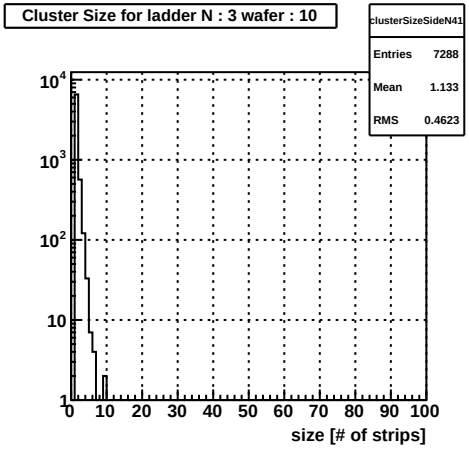

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8215
Mean 1.59
RMS 1.459
size [# of strips]

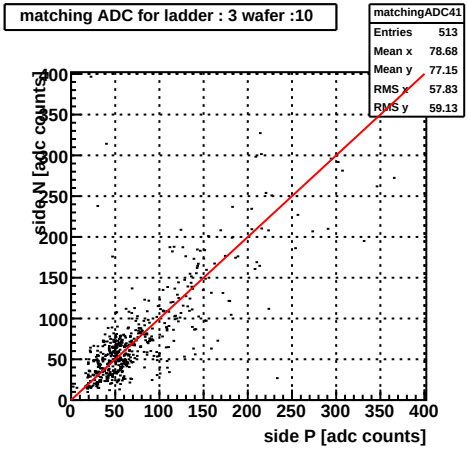

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 495
Mean x 56.66
Mean y 55.8
RMS x 58.9
RMS y 56.68
side N [adc counts]
side P [adc counts]

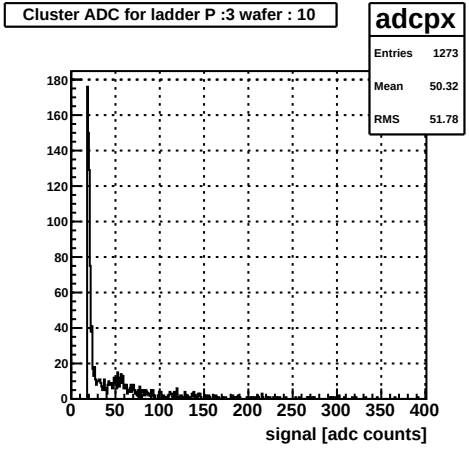

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8439
Mean 25.72
RMS 21.31
signal [adc counts]

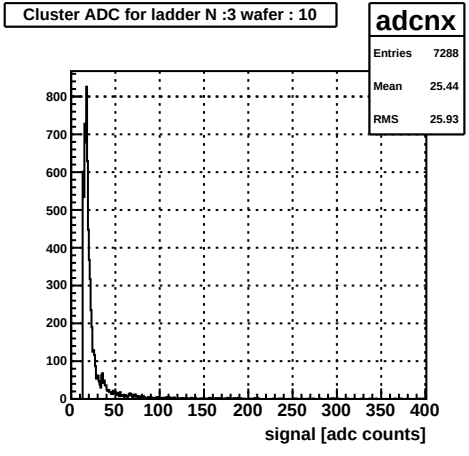

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8215
Mean 51.41
RMS 60.36
signal [adc counts]

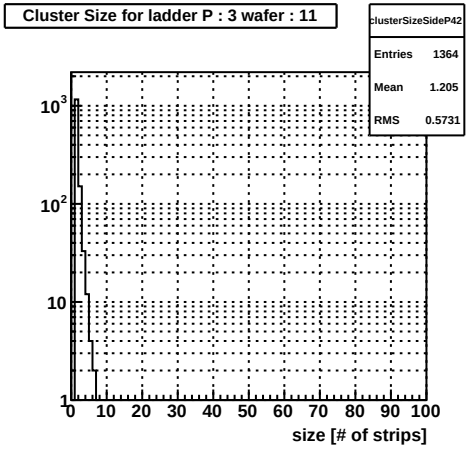

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1273
Mean 1.258
RMS 0.6226
size [# of strips]

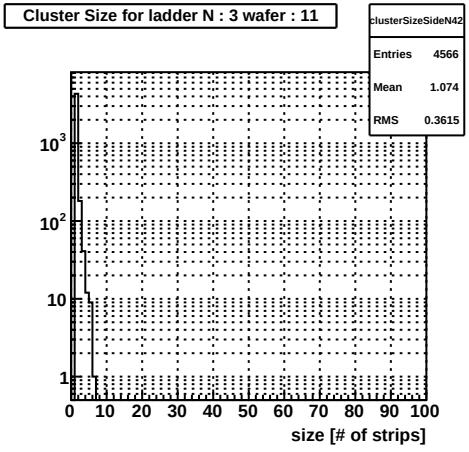

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 7288
Mean 1.133
RMS 0.4623
size [# of strips]

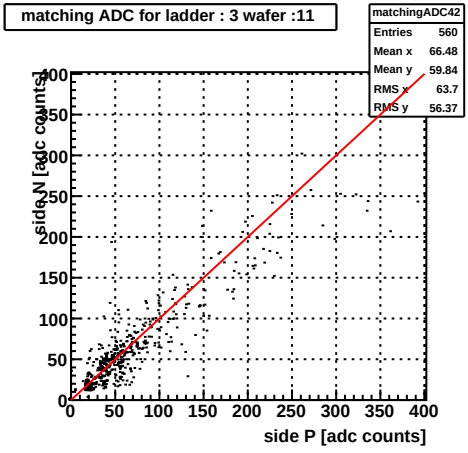

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 513
Mean x 78.68
Mean y 77.15
RMS x 57.83
RMS y 59.13
side N [adc counts]
side P [adc counts]

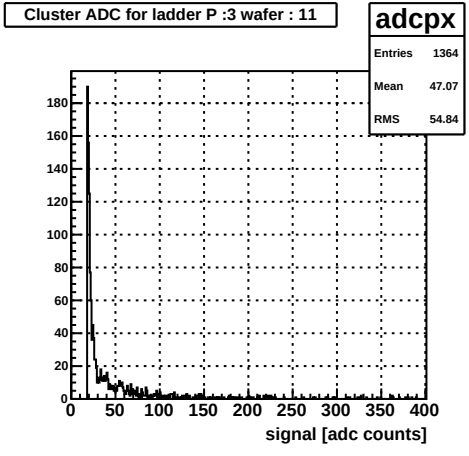

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1273
Mean 50.32
RMS 51.78
signal [adc counts]

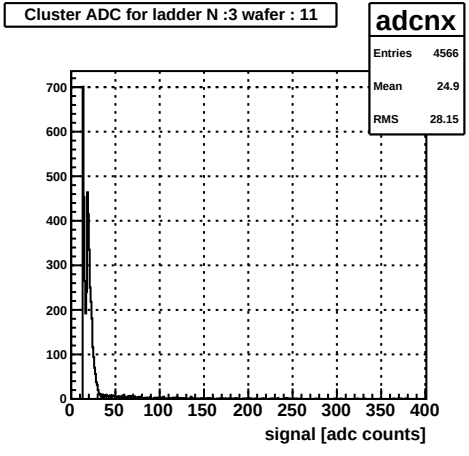

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 7288
Mean 25.44
RMS 25.93
signal [adc counts]

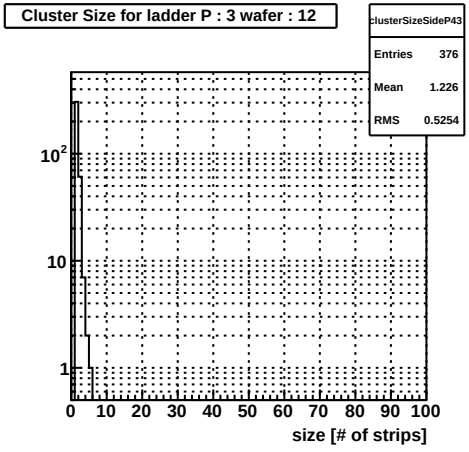

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1364
Mean 1.205
RMS 0.5731
size [# of strips]

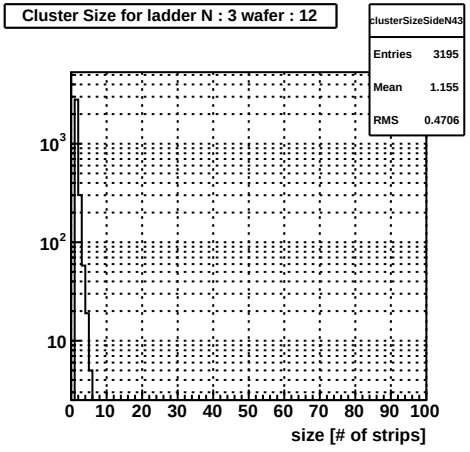

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4566
Mean 1.074
RMS 0.3615
size [# of strips]

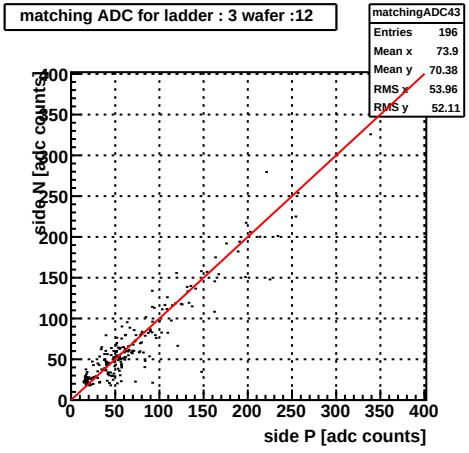

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 560
Mean x 66.48
Mean y 59.84
RMS x 63.7
RMS y 56.37
side N [adc counts]
side P [adc counts]

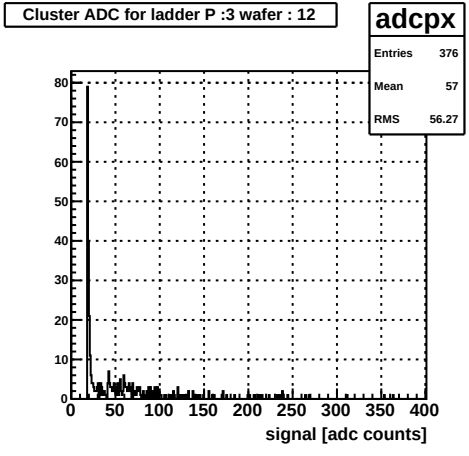

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1364
Mean 47.07
RMS 54.84
signal [adc counts]

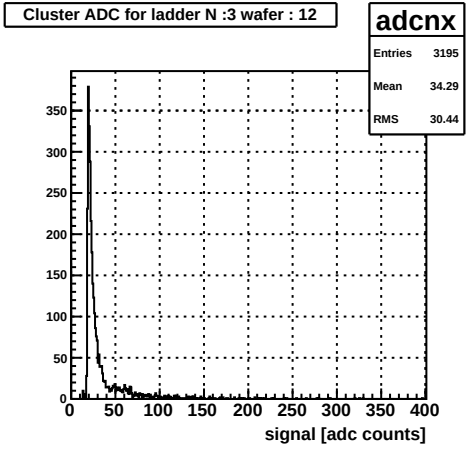

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4566
Mean 24.9
RMS 28.15
signal [adc counts]

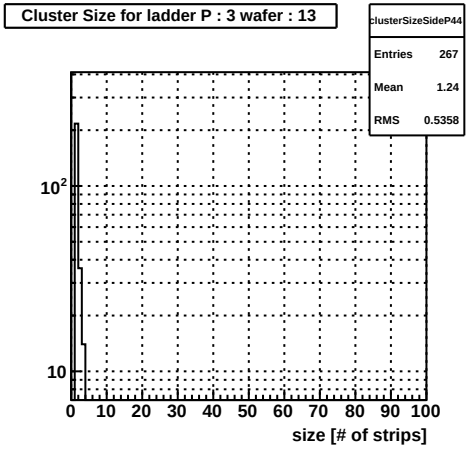

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 376
Mean 1.226
RMS 0.5254
size [# of strips]

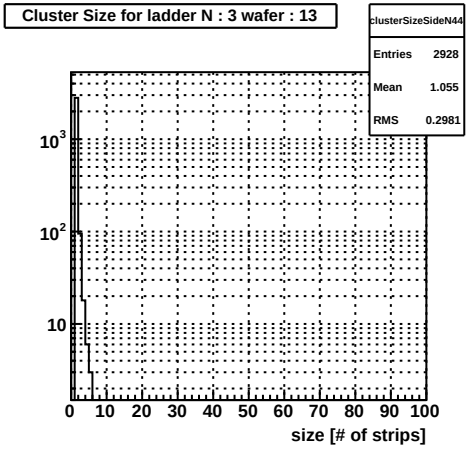

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3195
Mean 1.155
RMS 0.4706
size [# of strips]

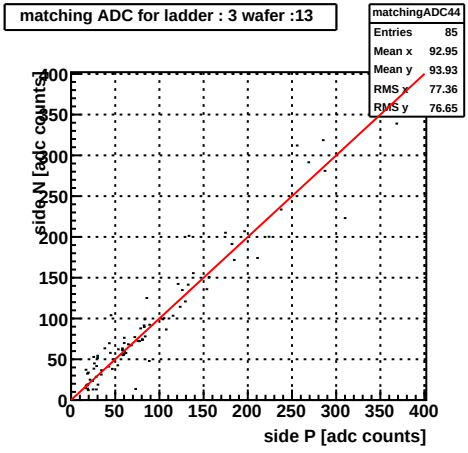

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 196
Mean x 73.9
Mean y 70.38
RMS x 53.96
RMS y 52.11
side N [adc counts]
side P [adc counts]

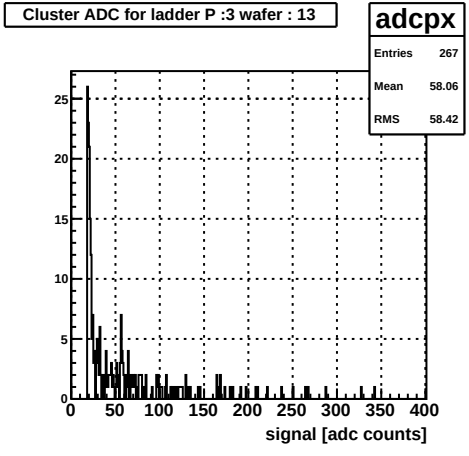

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 376
Mean 57
RMS 56.27
signal [adc counts]

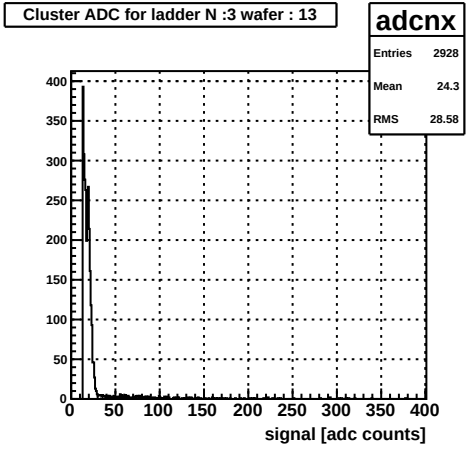

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3195
Mean 34.29
RMS 30.44
signal [adc counts]

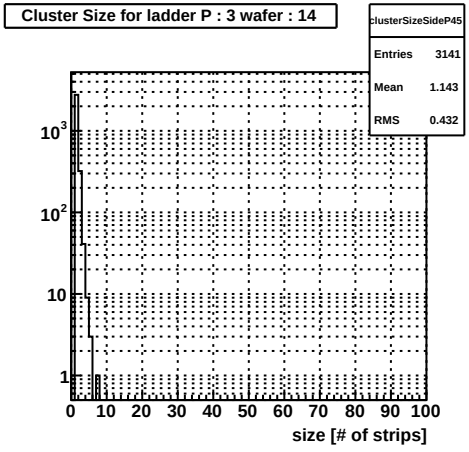

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 267
Mean 1.24
RMS 0.5358
size [# of strips]

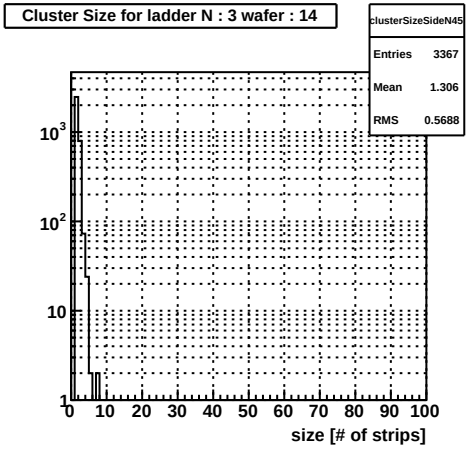

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2928
Mean 1.055
RMS 0.2981
size [# of strips]

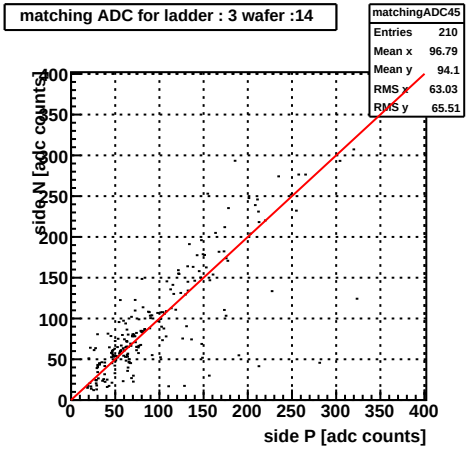

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 85
Mean x 92.95
Mean y 93.93
RMS x 77.36
RMS y 76.65
side N [adc counts]
side P [adc counts]

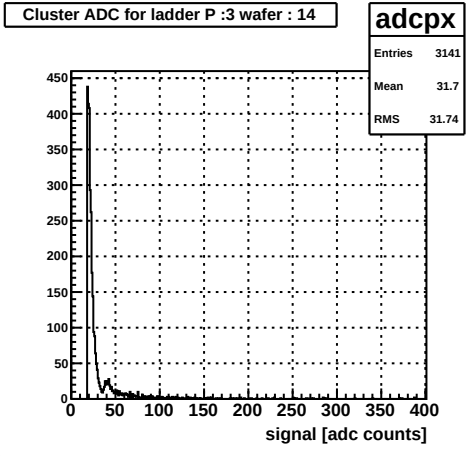

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 267
Mean 58.06
RMS 58.42
signal [adc counts]

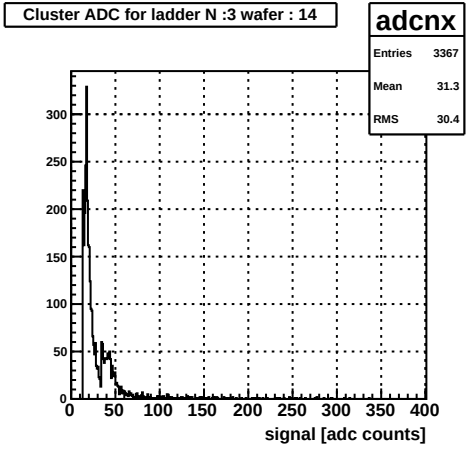

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2928
Mean 24.3
RMS 28.58
signal [adc counts]

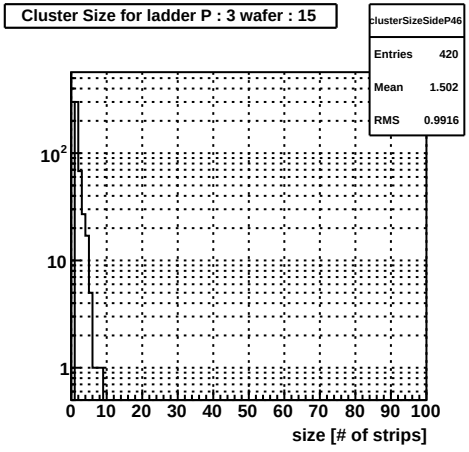

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3141
Mean 1.143
RMS 0.432
size [# of strips]

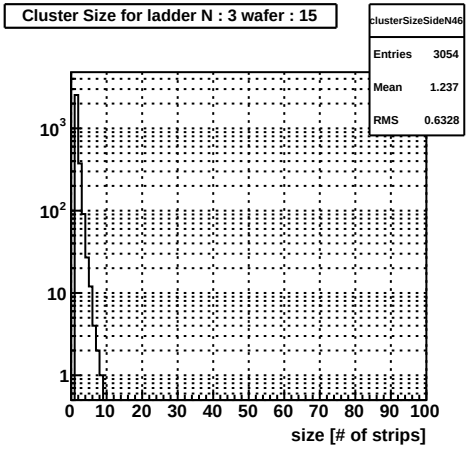

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3367
Mean 1.306
RMS 0.5688
size [# of strips]

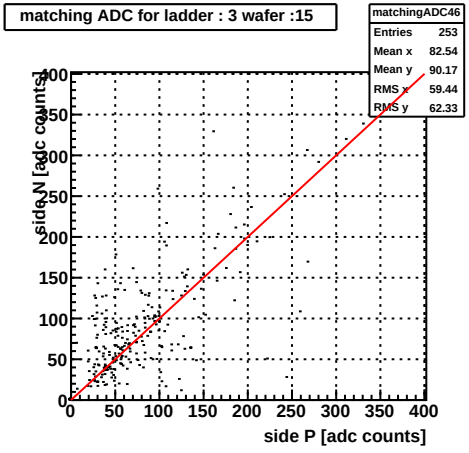

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 210
Mean x 96.79
Mean y 94.1
RMS x 63.03
RMS y 65.51
side N [adc counts]
side P [adc counts]

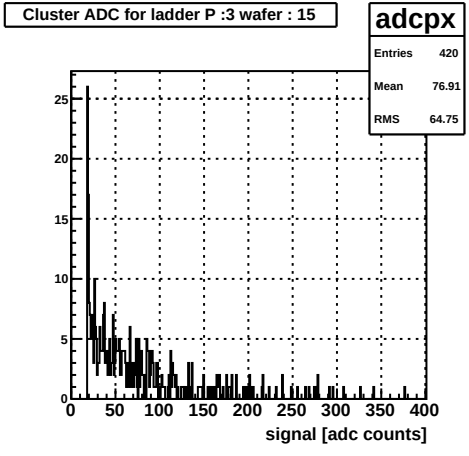

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3141
Mean 31.7
RMS 31.74
signal [adc counts]

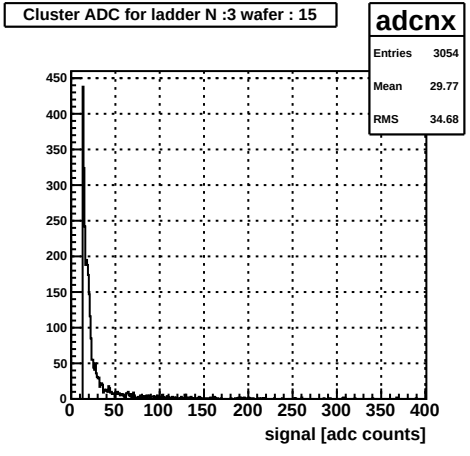

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3367
Mean 31.3
RMS 30.4
signal [adc counts]

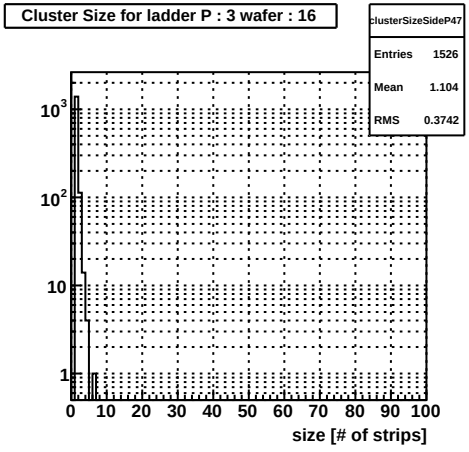

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 420
Mean 1.502
RMS 0.9916
size [# of strips]

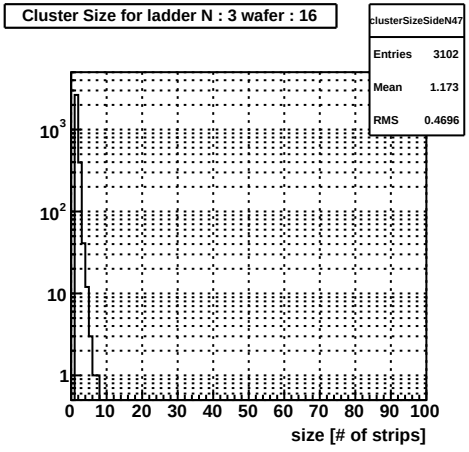

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3054
Mean 1.237
RMS 0.6328
size [# of strips]

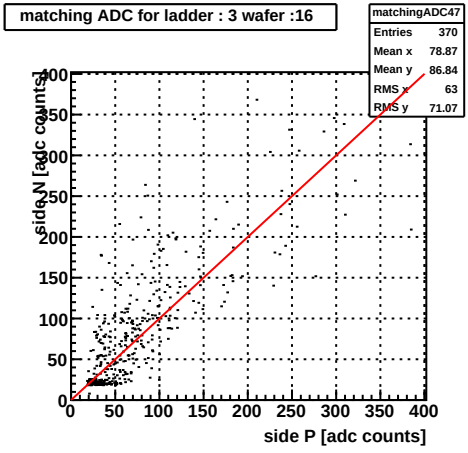

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 253
Mean x 82.54
Mean y 90.17
RMS x 59.44
RMS y 62.33
side N [adc counts]
side P [adc counts]

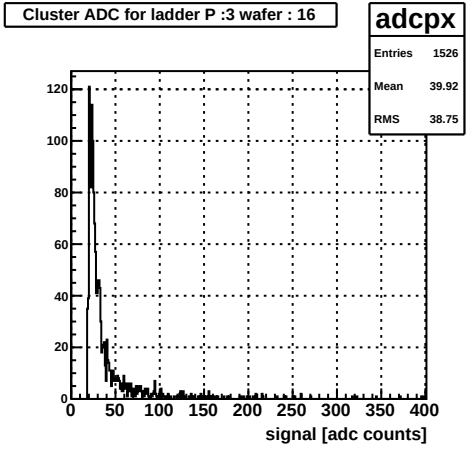

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 420
Mean 76.91
RMS 64.75
signal [adc counts]

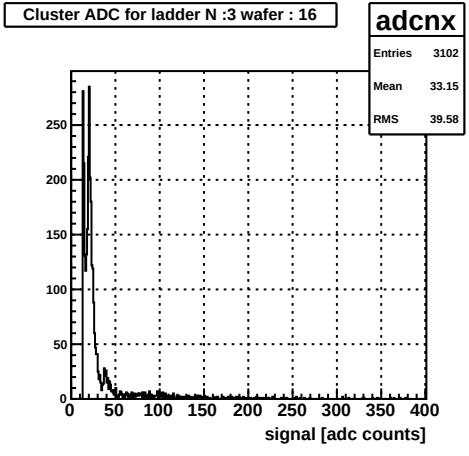

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3054
Mean 29.77
RMS 34.68
signal [adc counts]

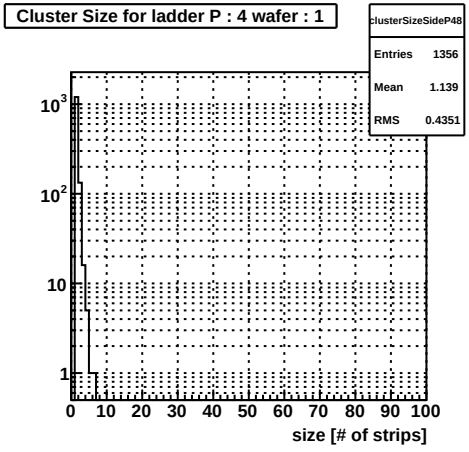

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1526
Mean 1.104
RMS 0.3742
size [# of strips]

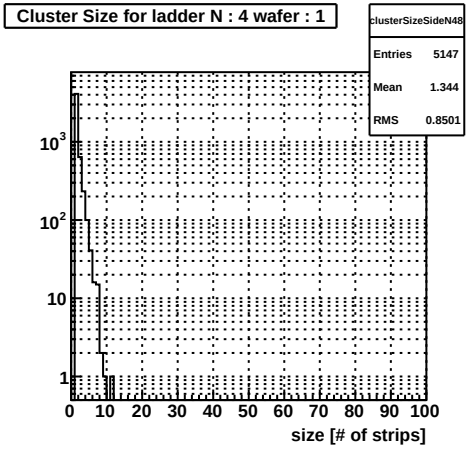

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3102
Mean 1.173
RMS 0.4696
size [# of strips]

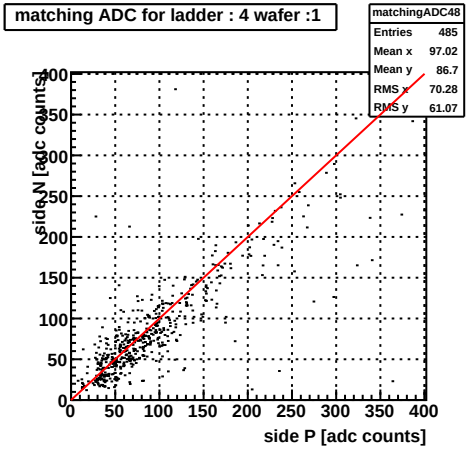

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 370
Mean x 78.87
Mean y 86.84
RMS x 63
RMS y 71.07
side N [adc counts]
side P [adc counts]

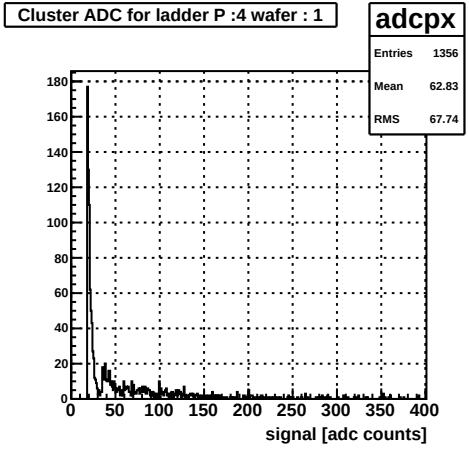

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1526
Mean 39.92
RMS 38.75
signal [adc counts]

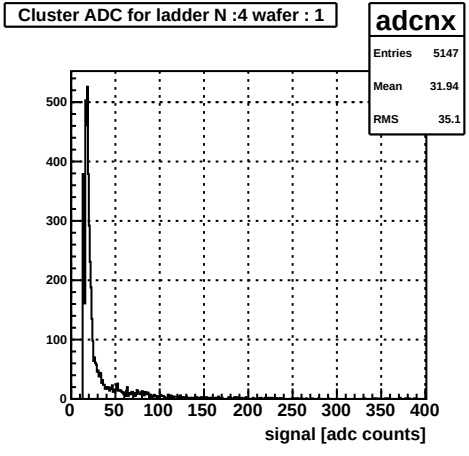

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3102
Mean 33.15
RMS 39.58
signal [adc counts]

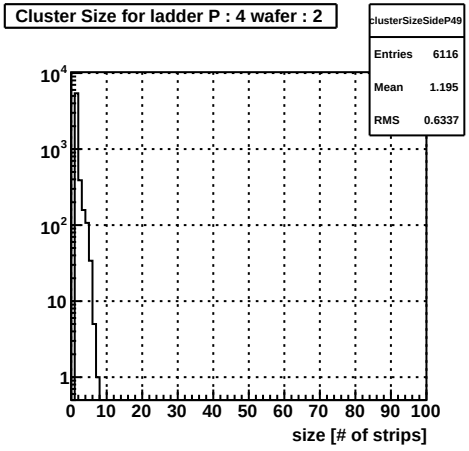

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1356
Mean 1.139
RMS 0.4351
size [# of strips]

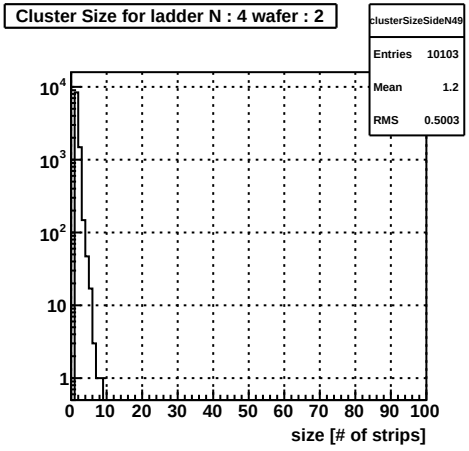

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5147
Mean 1.344
RMS 0.8501
size [# of strips]

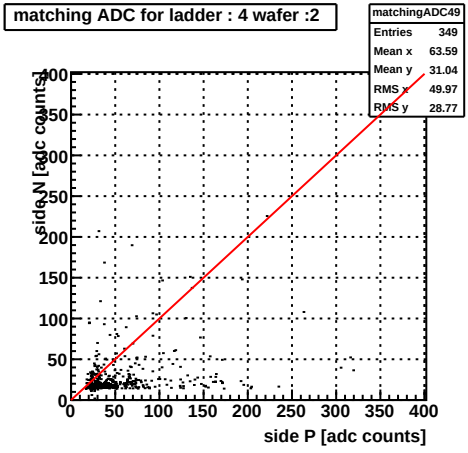

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 485
Mean x 97.02
Mean y 86.7
RMS x 70.28
RMS y 61.07
side N [adc counts]
side P [adc counts]

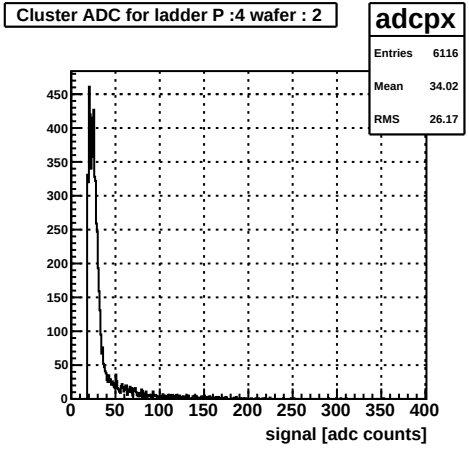

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1356
Mean 62.83
RMS 67.74
signal [adc counts]

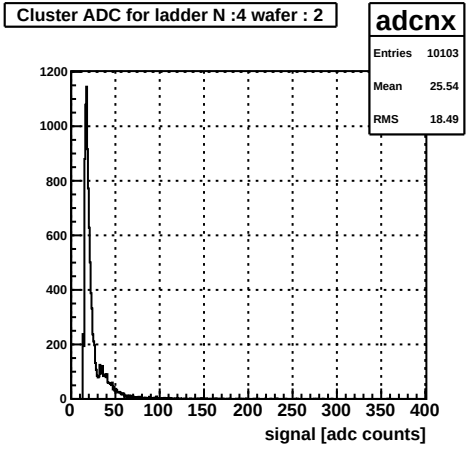

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5147
Mean 31.94
RMS 35.1
signal [adc counts]

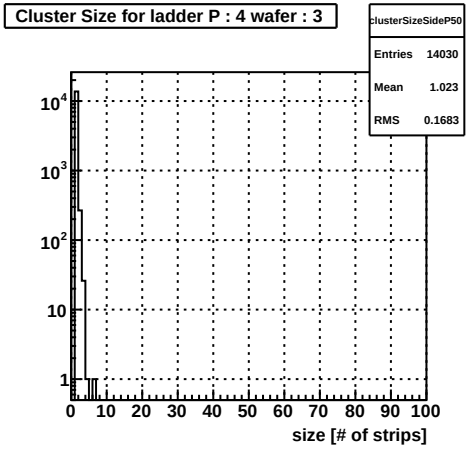

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6116
Mean 1.195
RMS 0.6337
size [# of strips]

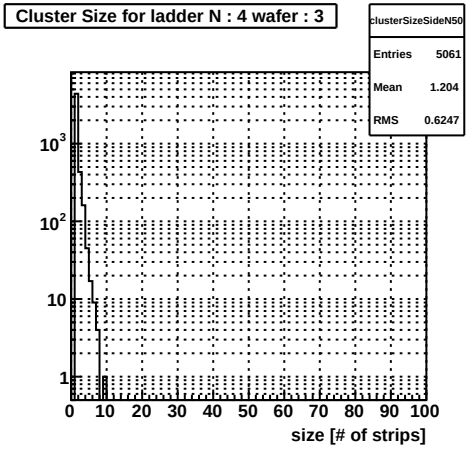

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10103
Mean 1.2
RMS 0.5003
size [# of strips]

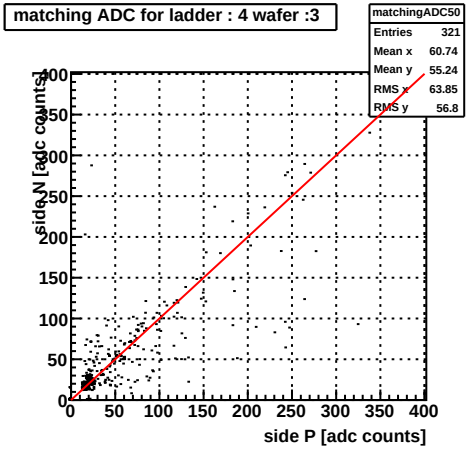

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 349
Mean x 63.59
Mean y 31.04
RMS x 49.97
RMS y 28.77
side N [adc counts]
side P [adc counts]

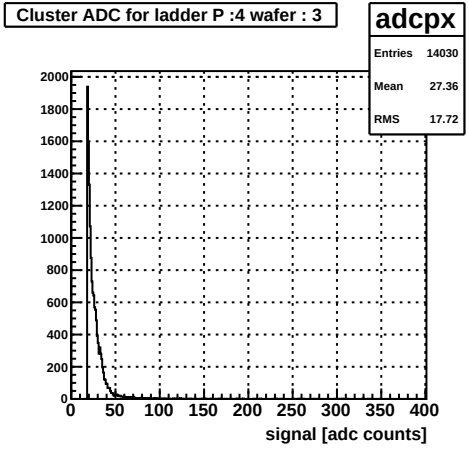

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6116
Mean 34.02
RMS 26.17
signal [adc counts]

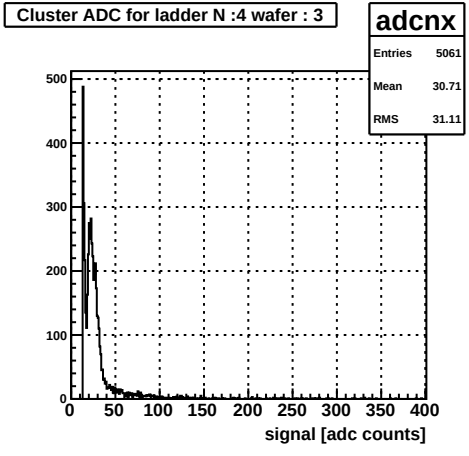

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10103
Mean 25.54
RMS 18.49
signal [adc counts]

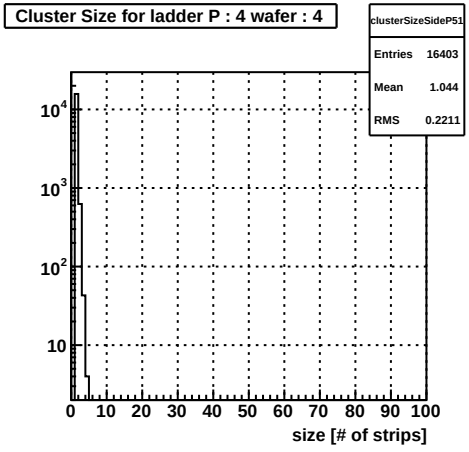

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14030
Mean 1.023
RMS 0.1683
size [# of strips]

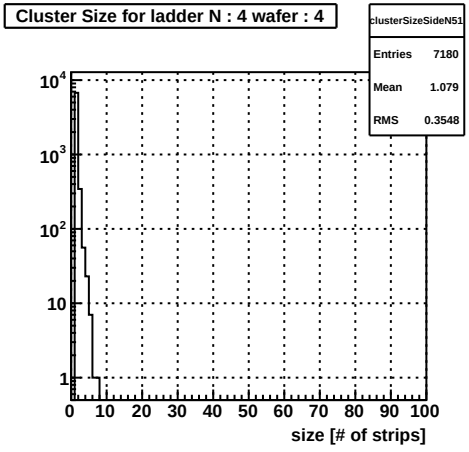

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5061
Mean 1.204
RMS 0.6247
size [# of strips]

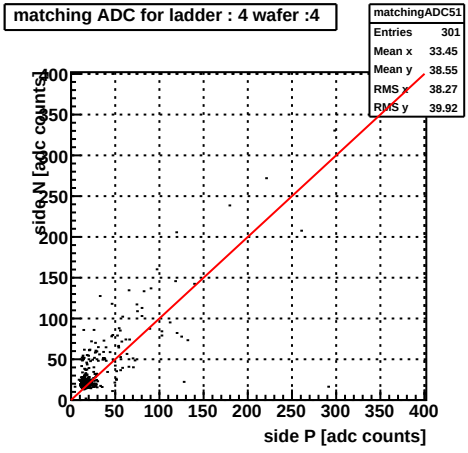

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 321
Mean x 60.74
Mean y 55.24
RMS x 63.85
RMS y 56.8
side N [adc counts]
side P [adc counts]

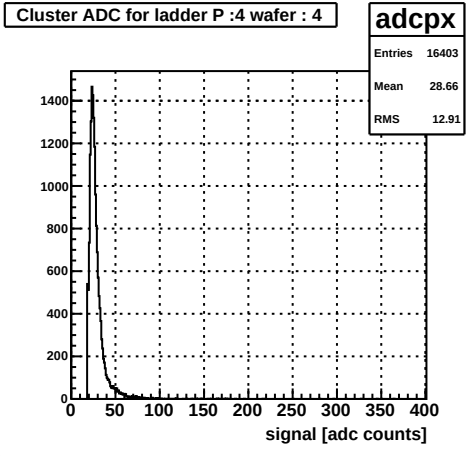

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14030
Mean 27.36
RMS 17.72
signal [adc counts]

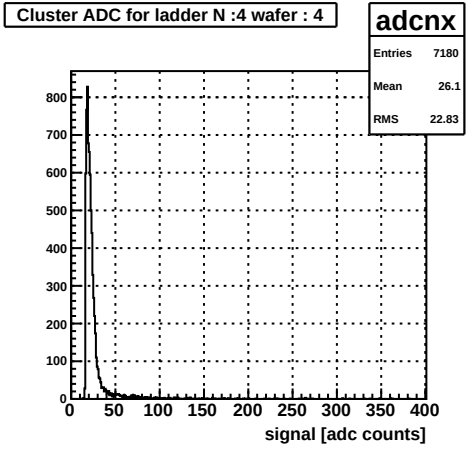

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5061
Mean 30.71
RMS 31.11
signal [adc counts]

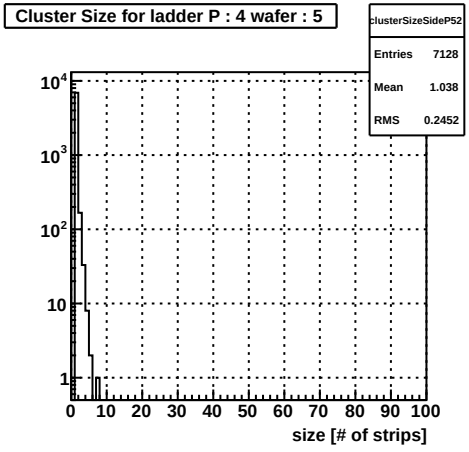

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 16403
Mean 1.044
RMS 0.2211
size [# of strips]

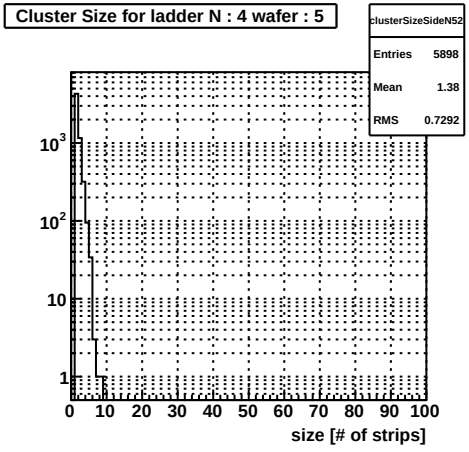

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7180
Mean 1.079
RMS 0.3548
size [# of strips]

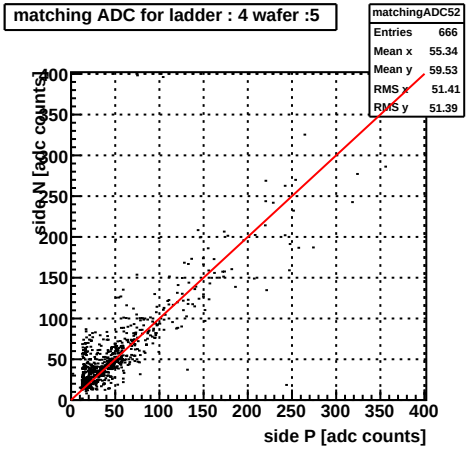

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 301
Mean x 33.45
Mean y 38.55
RMS x 38.27
RMS y 39.92
side N [adc counts]
side P [adc counts]

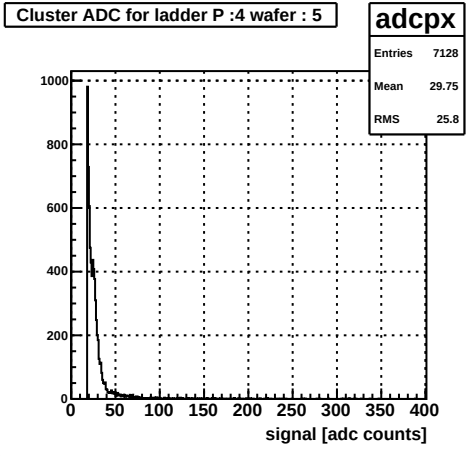

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 16403
Mean 28.66
RMS 12.91
signal [adc counts]

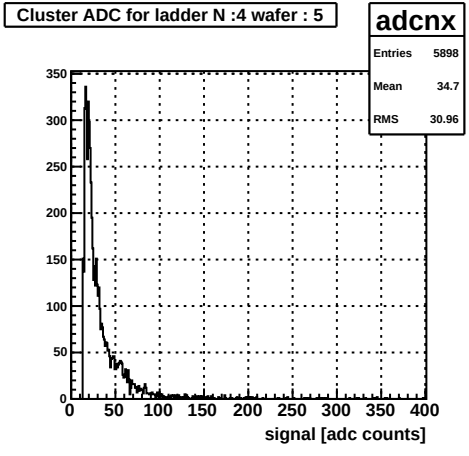

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7180
Mean 26.1
RMS 22.83
signal [adc counts]

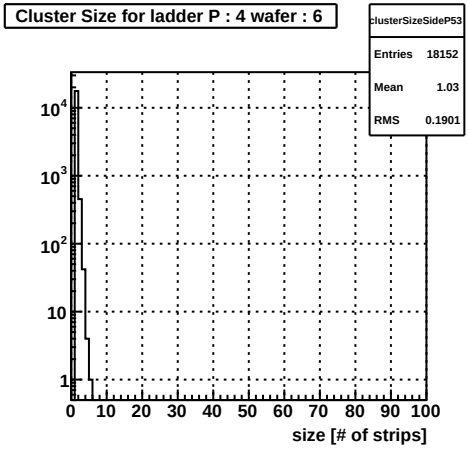

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7128
Mean 1.038
RMS 0.2452
size [# of strips]

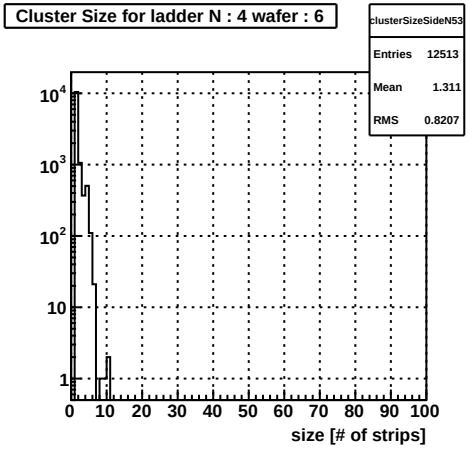

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5898
Mean 1.38
RMS 0.7292
size [# of strips]

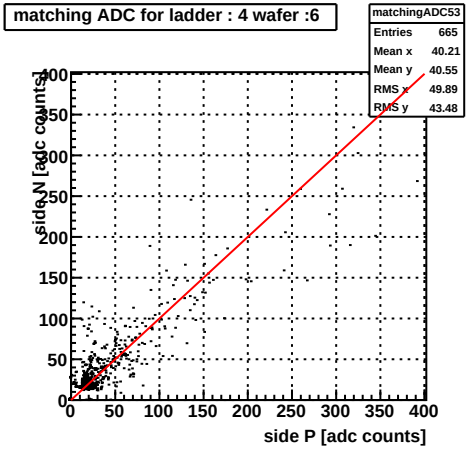

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 666
Mean x 55.34
Mean y 59.53
RMS x 51.41
RMS y 51.39
side N [adc counts]
side P [adc counts]

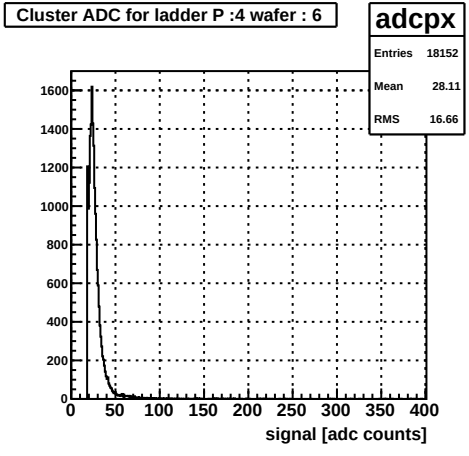

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7128
Mean 29.75
RMS 25.8
signal [adc counts]

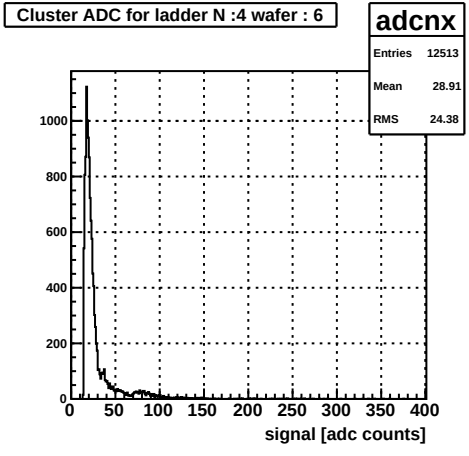

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5898
Mean 34.7
RMS 30.96
signal [adc counts]

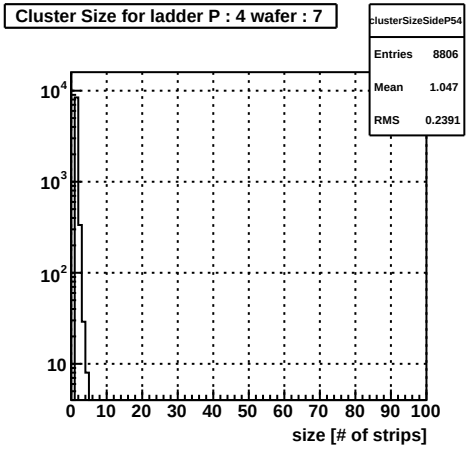

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18152
Mean 1.03
RMS 0.1901
size [# of strips]

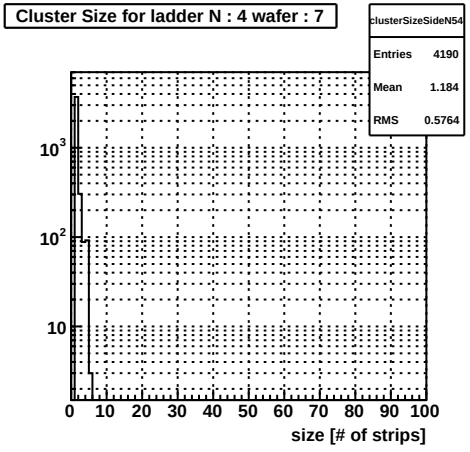

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 12513
Mean 1.311
RMS 0.8207
size [# of strips]

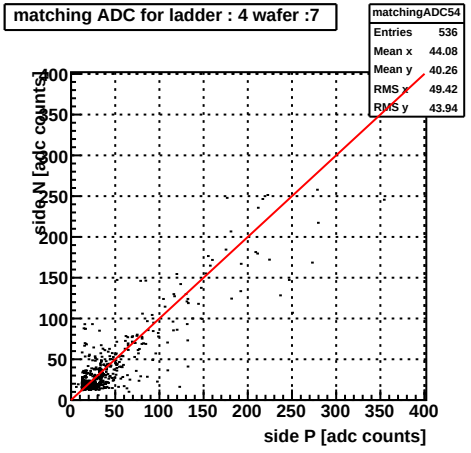

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 665
Mean x 40.21
Mean y 40.55
RMS x 49.89
RMS y 43.48
side N [adc counts]
side P [adc counts]

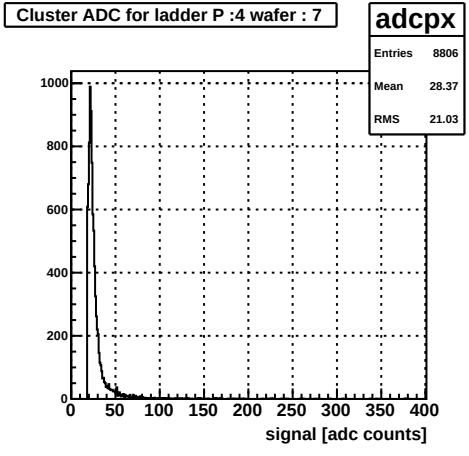

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18152
Mean 28.11
RMS 16.66
signal [adc counts]

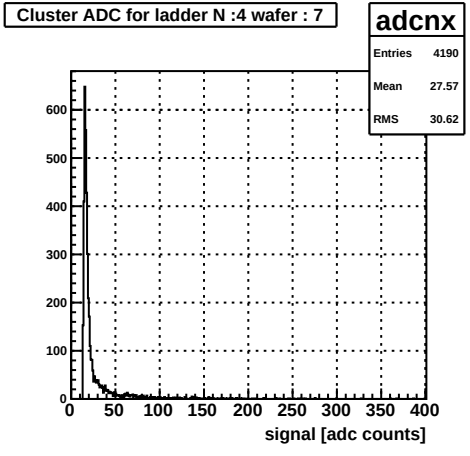

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 12513
Mean 28.91
RMS 24.38
signal [adc counts]

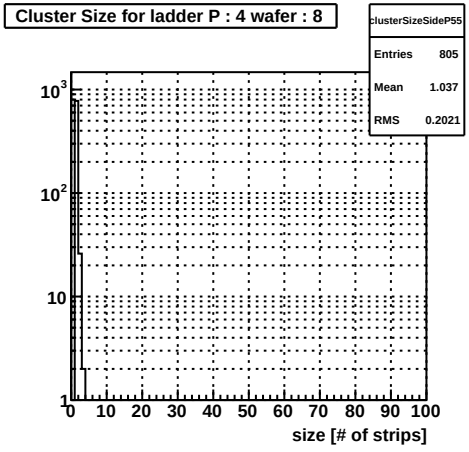

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8806
Mean 1.047
RMS 0.2391
size [# of strips]

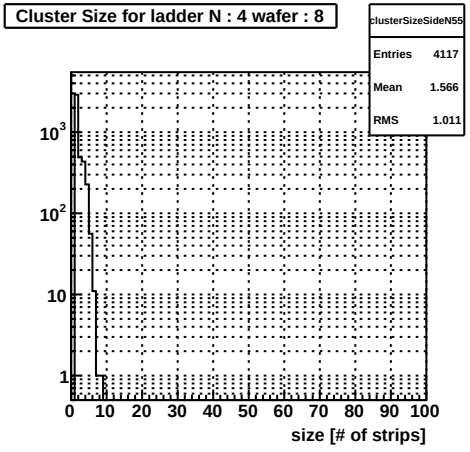

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4190
Mean 1.184
RMS 0.5764
size [# of strips]

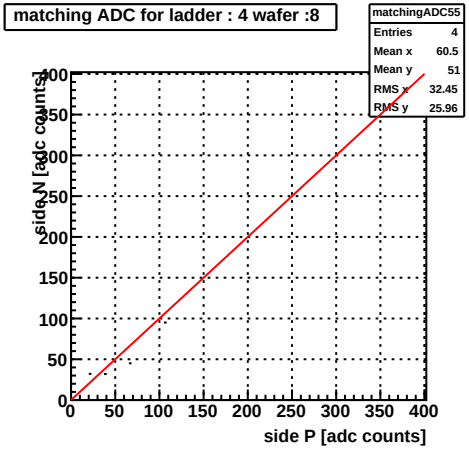

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 536
Mean x 44.08
Mean y 40.26
RMS x 49.42
RMS y 43.94
side N [adc counts]
side P [adc counts]

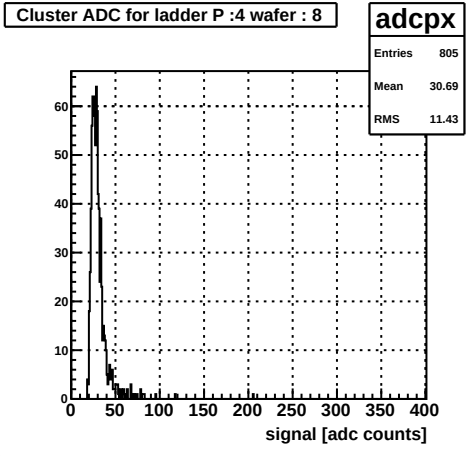

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8806
Mean 28.37
RMS 21.03
signal [adc counts]

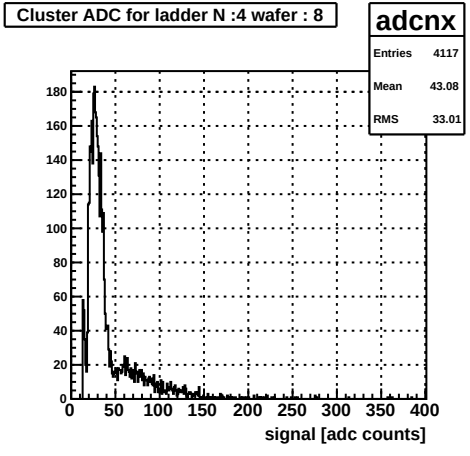

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4190
Mean 27.57
RMS 30.62
signal [adc counts]

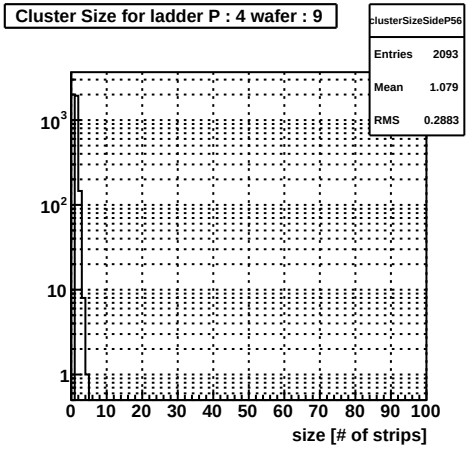

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 805
Mean 1.037
RMS 0.2021
size [# of strips]

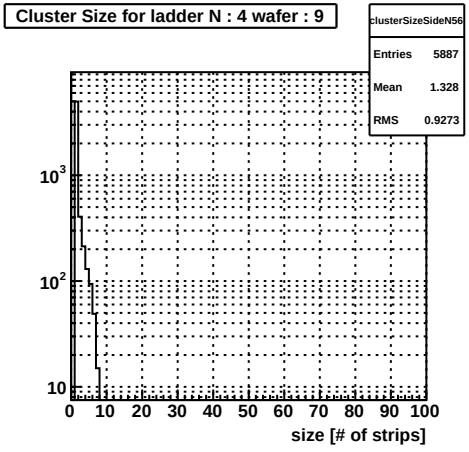

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4117
Mean 1.566
RMS 1.011
size [# of strips]

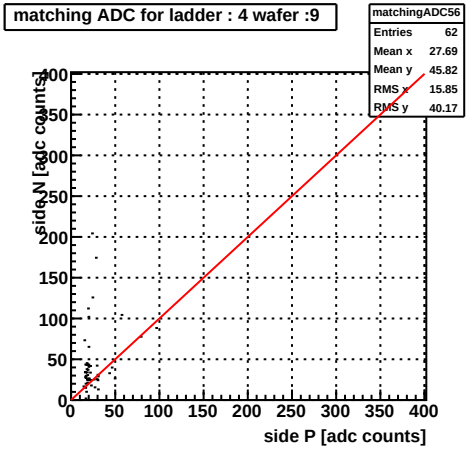

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 4
Mean x 60.5
Mean y 51
RMS x 32.45
RMS y 25.96
side N [adc counts]
side P [adc counts]

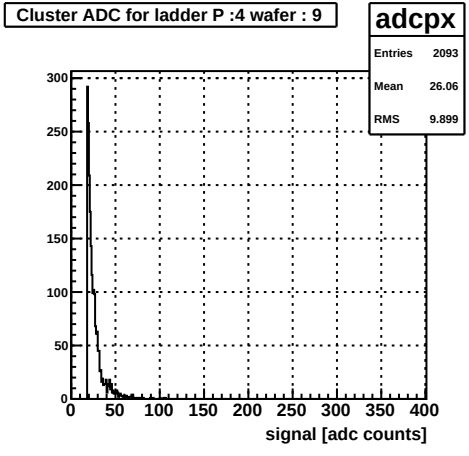

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 805
Mean 30.69
RMS 11.43
signal [adc counts]

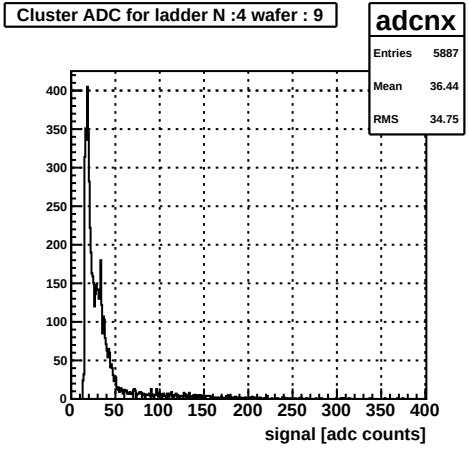

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4117
Mean 43.08
RMS 33.01
signal [adc counts]

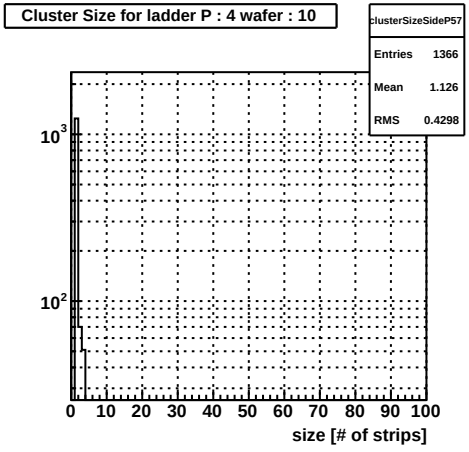

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2093
Mean 1.079
RMS 0.2883
size [# of strips]

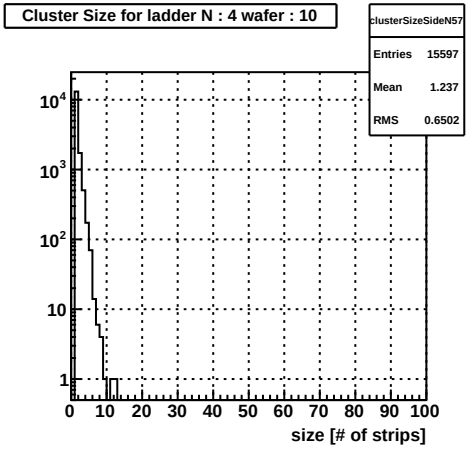

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5887
Mean 1.328
RMS 0.9273
size [# of strips]

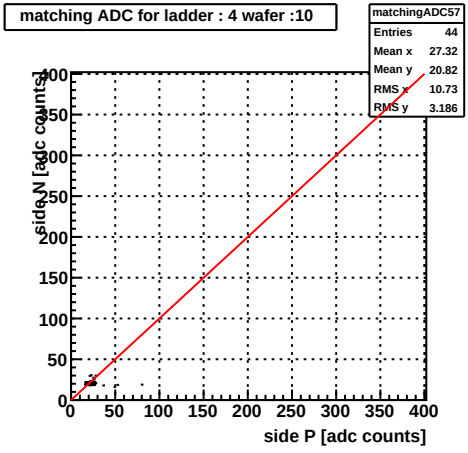

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 62
Mean x 27.69
Mean y 45.82
RMS x 15.85
RMS y 40.17
side N [adc counts]
side P [adc counts]

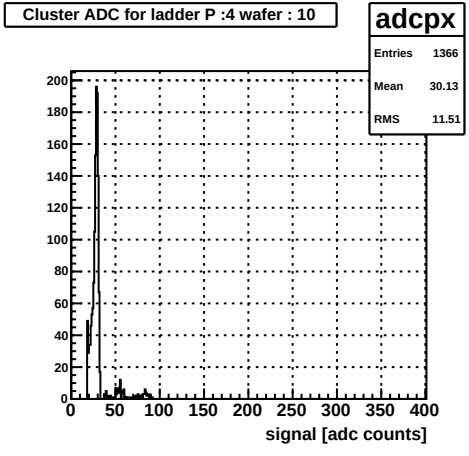

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2093
Mean 26.06
RMS 9.899
signal [adc counts]

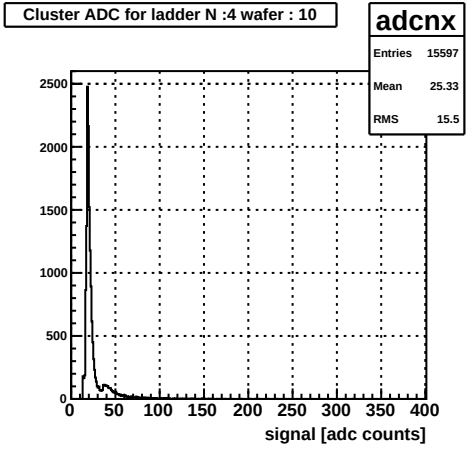

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5887
Mean 36.44
RMS 34.75
signal [adc counts]

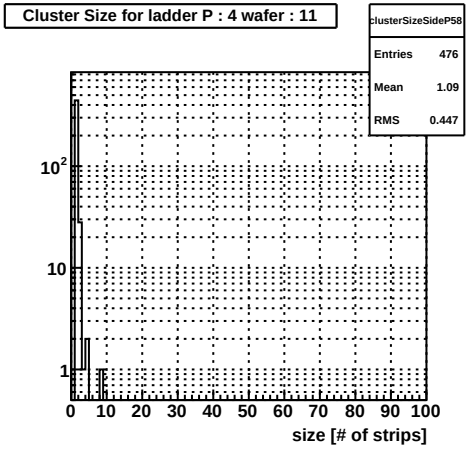

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1366
Mean 1.126
RMS 0.4298
size [# of strips]

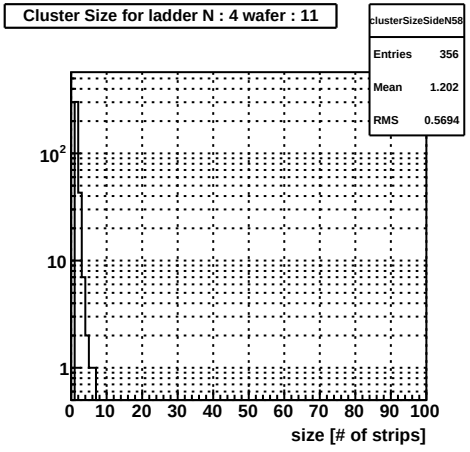

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15597
Mean 1.237
RMS 0.6502
size [# of strips]

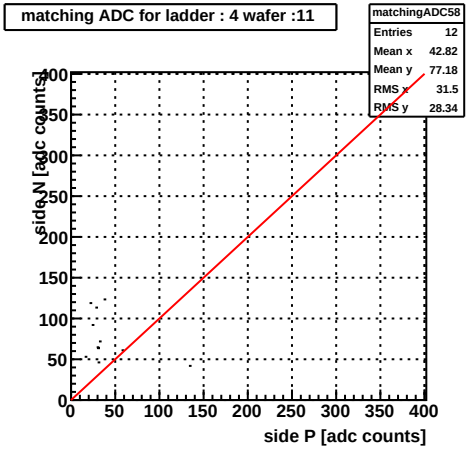

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 44
Mean x 27.32
Mean y 20.82
RMS x 10.73
RMS y 3.186
side N [adc counts]
side P [adc counts]

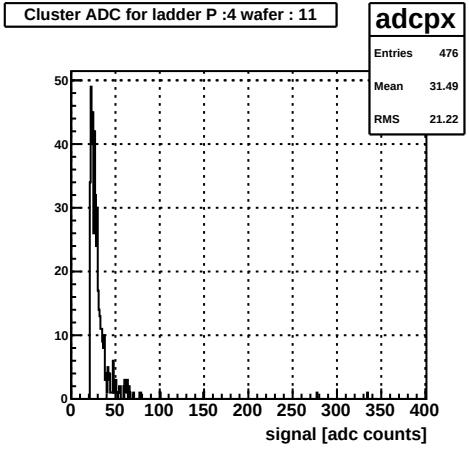

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1366
Mean 30.13
RMS 11.51
signal [adc counts]

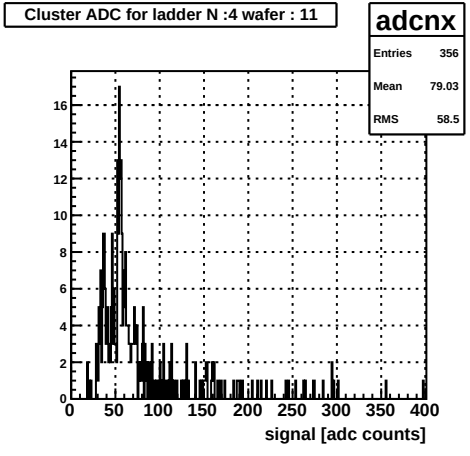

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15597
Mean 25.33
RMS 15.5
signal [adc counts]

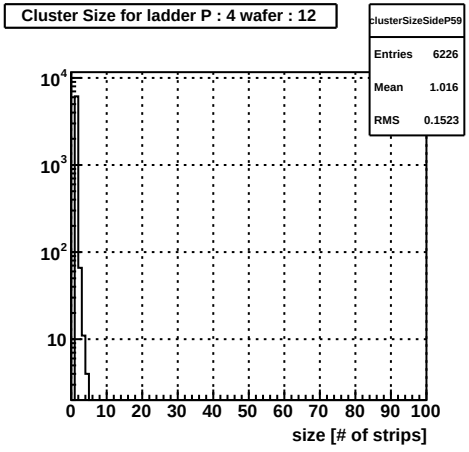

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 476
Mean 1.09
RMS 0.447
size [# of strips]

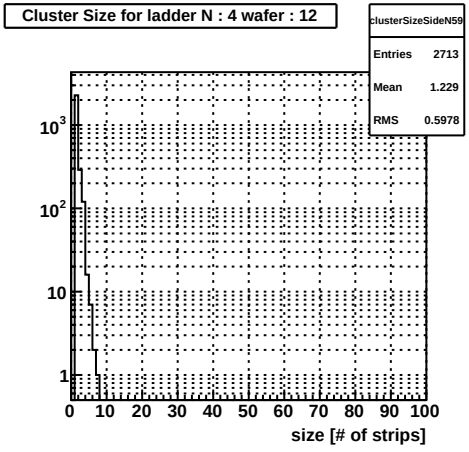

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 356
Mean 1.202
RMS 0.5694
size [# of strips]

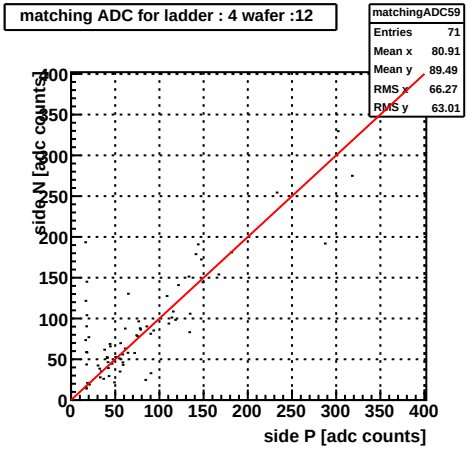

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 12
Mean x 42.82
Mean y 77.18
RMS x 31.5
RMS y 28.34
side N [adc counts]
side P [adc counts]

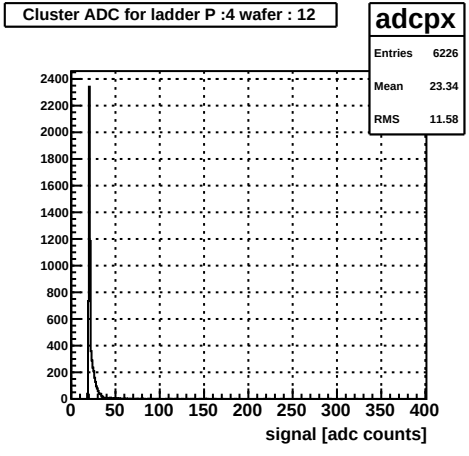

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 476
Mean 31.49
RMS 21.22
signal [adc counts]

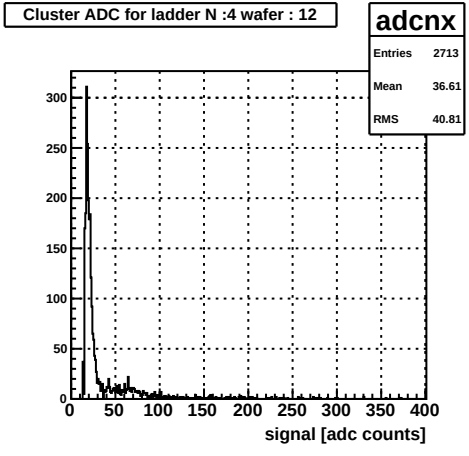

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 356
Mean 79.03
RMS 58.5
signal [adc counts]

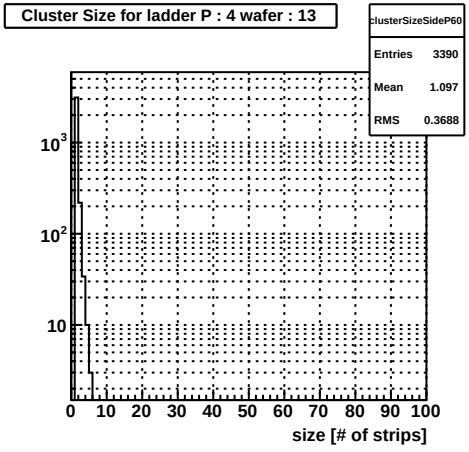

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6226
Mean 1.016
RMS 0.1523
size [# of strips]

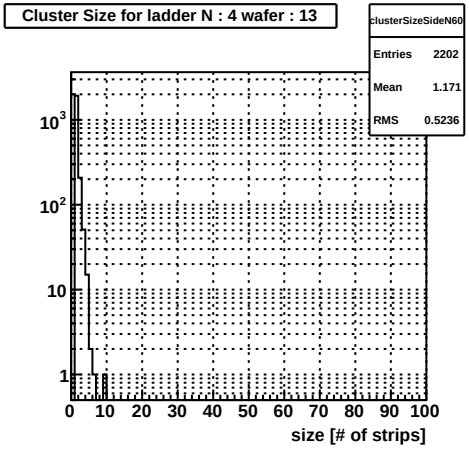

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2713
Mean 1.229
RMS 0.5978
size [# of strips]

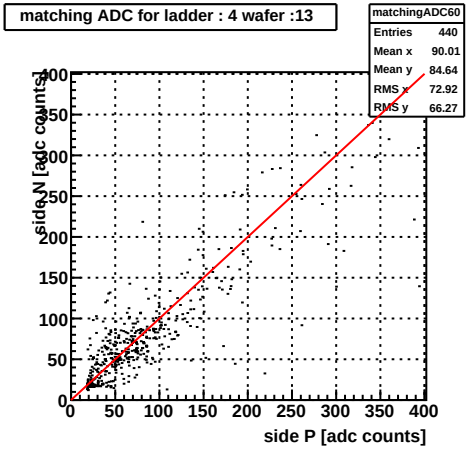

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 71
Mean x 80.91
Mean y 89.49
RMS x 66.27
RMS y 63.01
side N [adc counts]
side P [adc counts]

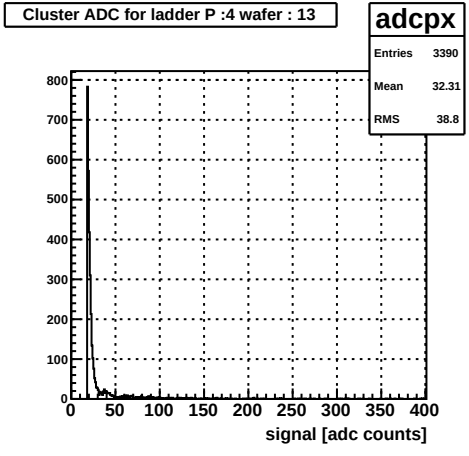

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6226
Mean 23.34
RMS 11.58
signal [adc counts]

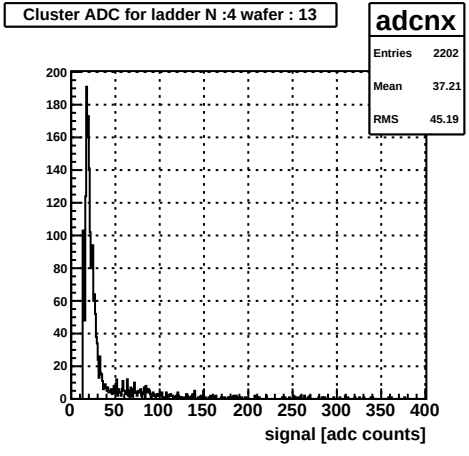

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2713
Mean 36.61
RMS 40.81
signal [adc counts]

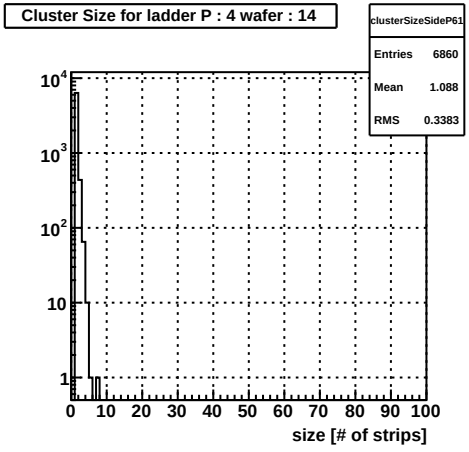

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3390
Mean 1.097
RMS 0.3688
size [# of strips]

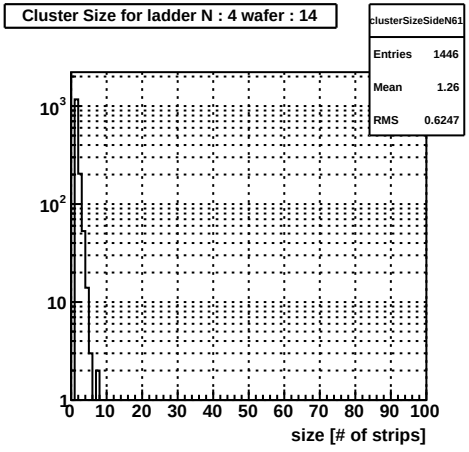

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2202
Mean 1.171
RMS 0.5236
size [# of strips]

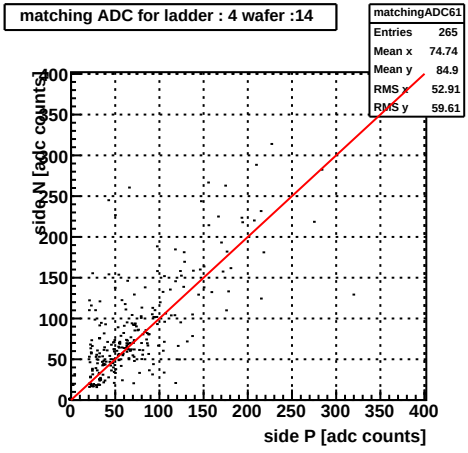

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 440
Mean x 90.01
Mean y 84.64
RMS x 72.92
RMS y 66.27
side N [adc counts]
side P [adc counts]

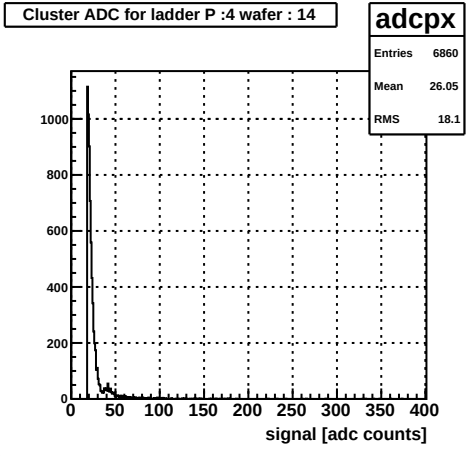

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3390
Mean 32.31
RMS 38.8
signal [adc counts]

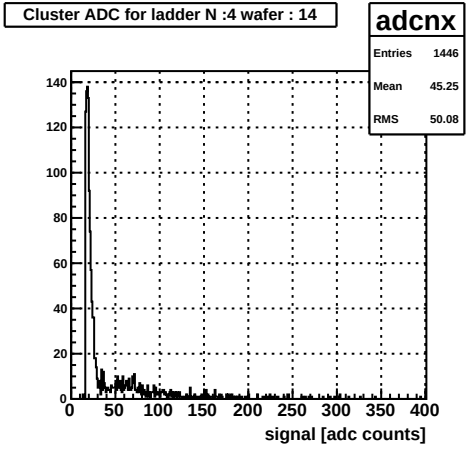

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2202
Mean 37.21
RMS 45.19
signal [adc counts]

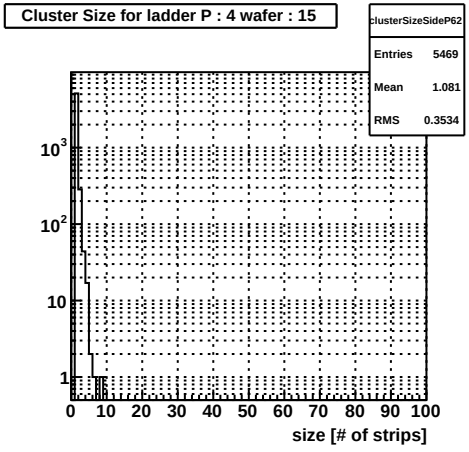

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 6860
Mean 1.088
RMS 0.3383
size [# of strips]

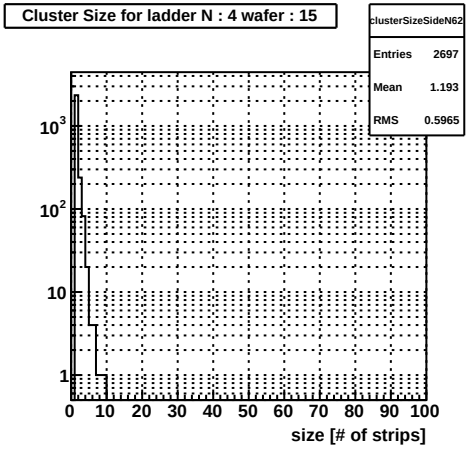

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1446
Mean 1.26
RMS 0.6247
size [# of strips]

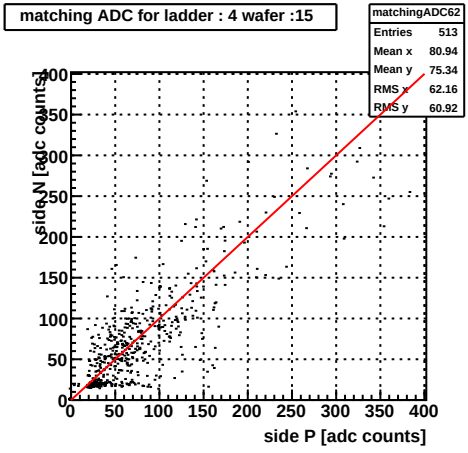

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 265
Mean x 74.74
Mean y 84.9
RMS x 52.91
RMS y 59.61
side N [adc counts]
side P [adc counts]

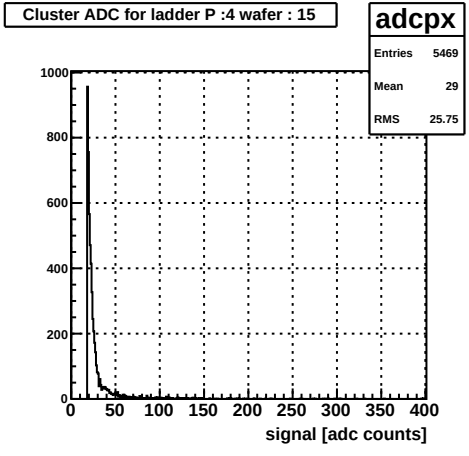

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 6860
Mean 26.05
RMS 18.1
signal [adc counts]

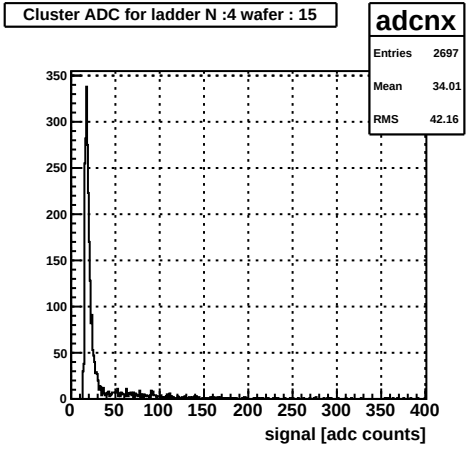

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1446
Mean 45.25
RMS 50.08
signal [adc counts]

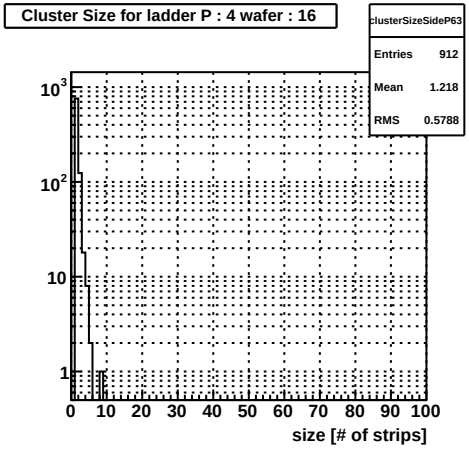

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5469
Mean 1.081
RMS 0.3534
size [# of strips]

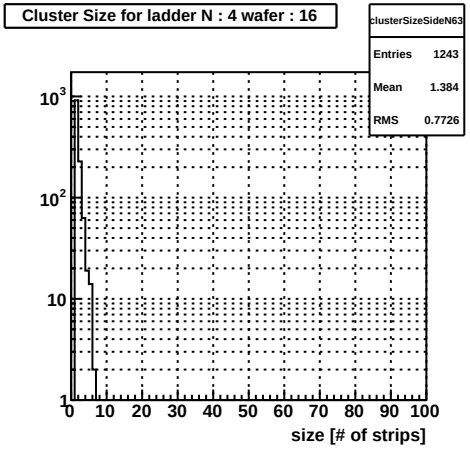

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2697
Mean 1.193
RMS 0.5965
size [# of strips]

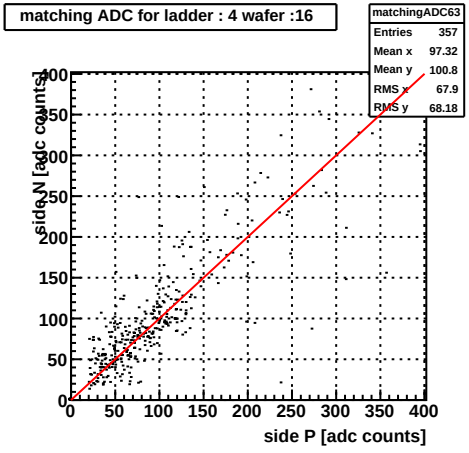

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 513
Mean x 80.94
Mean y 75.34
RMS x 62.16
RMS y 60.92
side N [adc counts]
side P [adc counts]

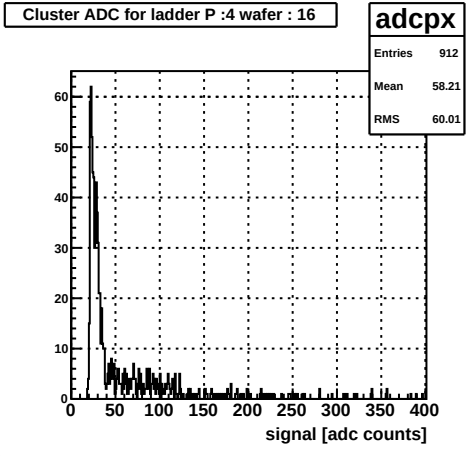

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5469
Mean 29
RMS 25.75
signal [adc counts]

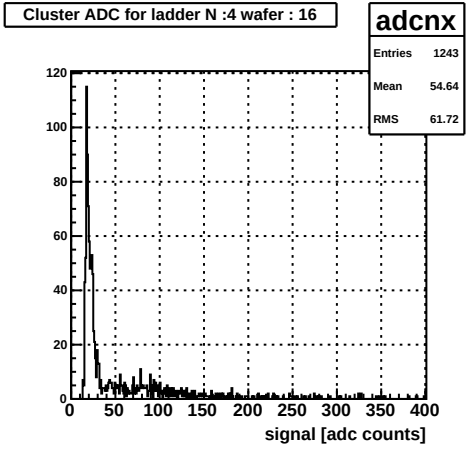

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2697
Mean 34.01
RMS 42.16
signal [adc counts]

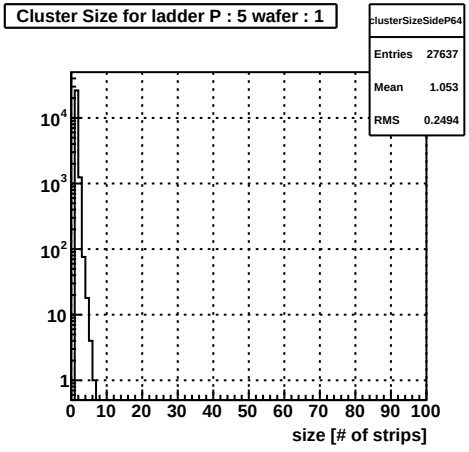

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 912
Mean 1.218
RMS 0.5788
size [# of strips]

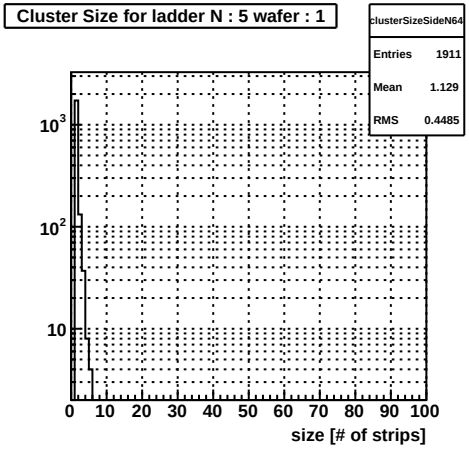

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1243
Mean 1.384
RMS 0.7726
size [# of strips]

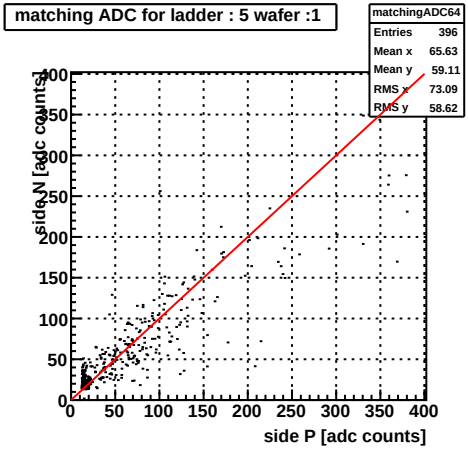

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 357
Mean x 97.32
Mean y 100.8
RMS x 67.9
RMS y 68.18
side N [adc counts]
side P [adc counts]

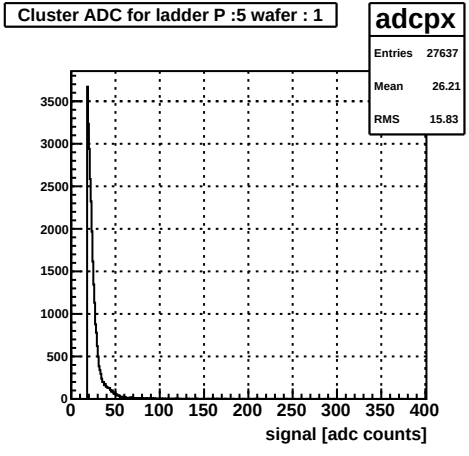

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 912
Mean 58.21
RMS 60.01
signal [adc counts]

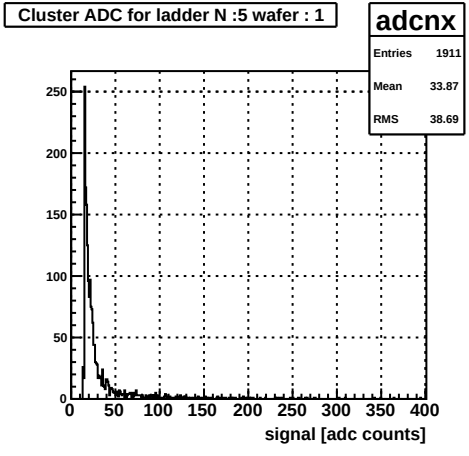

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1243
Mean 54.64
RMS 61.72
signal [adc counts]

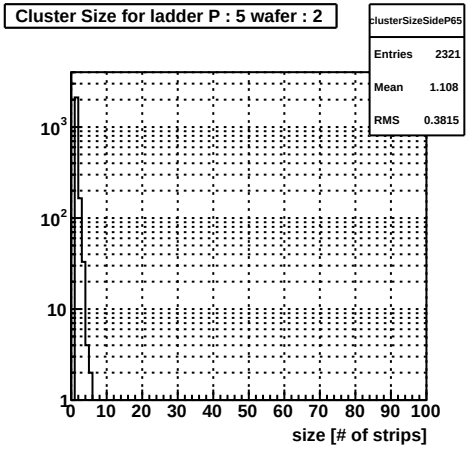

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 27637
Mean 1.053
RMS 0.2494
size [# of strips]

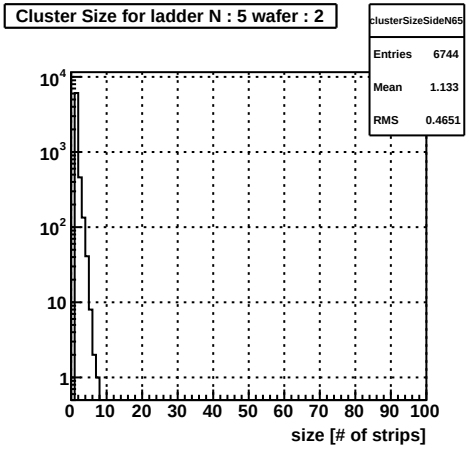

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1911
Mean 1.129
RMS 0.4485
size [# of strips]

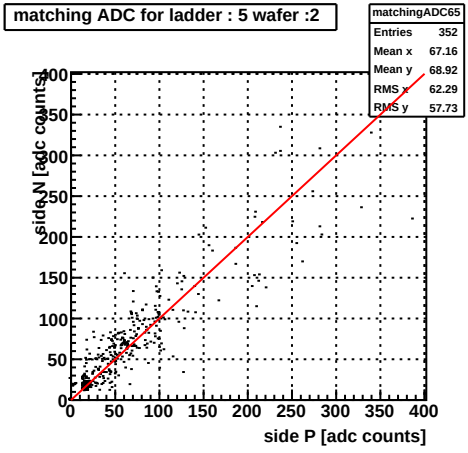

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 396
Mean x 65.63
Mean y 59.11
RMS x 73.09
RMS y 58.62
side N [adc counts]
side P [adc counts]

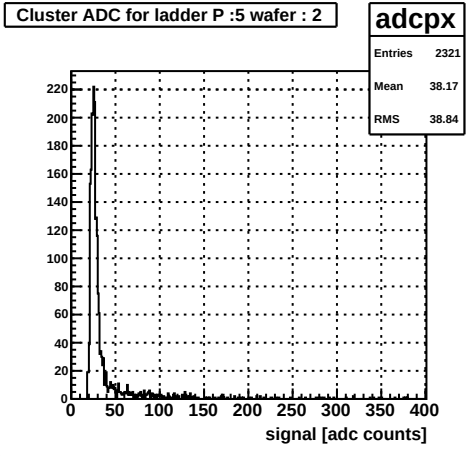

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 27637
Mean 26.21
RMS 15.83
signal [adc counts]

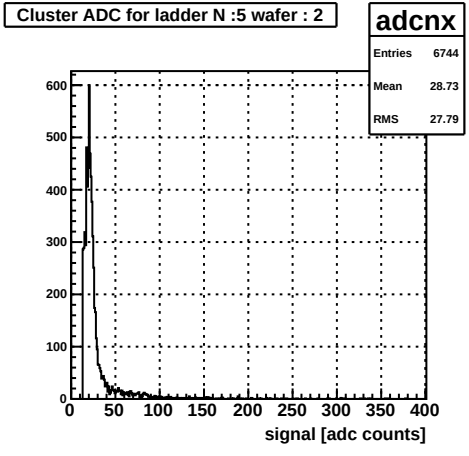

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1911
Mean 33.87
RMS 38.69
signal [adc counts]

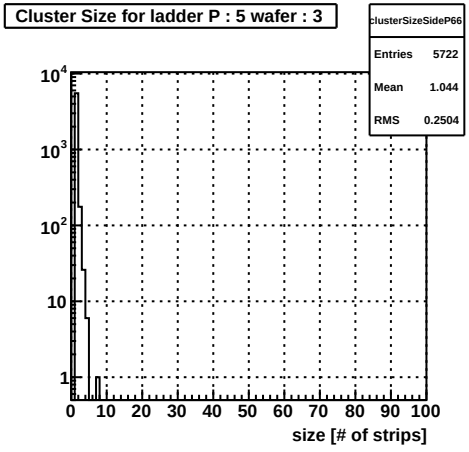

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2321
Mean 1.108
RMS 0.3815
size [# of strips]

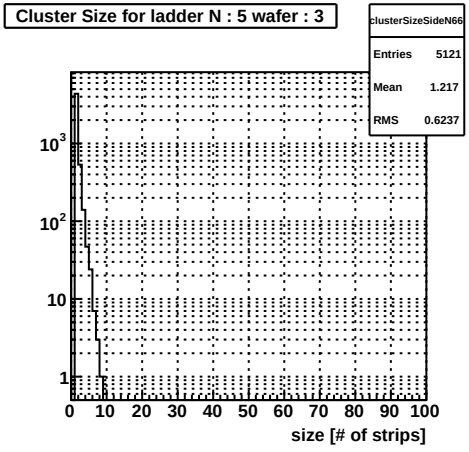

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 6744
Mean 1.133
RMS 0.4651
size [# of strips]

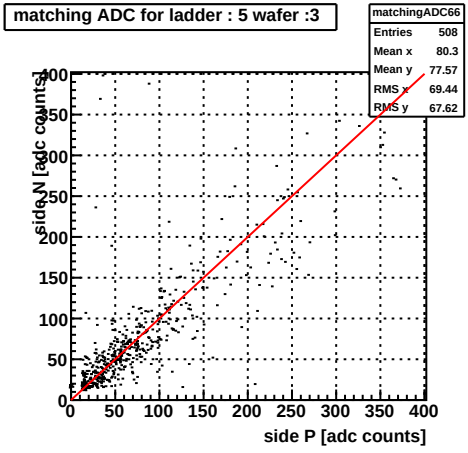

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 352
Mean x 67.16
Mean y 68.92
RMS x 62.29
RMS y 57.73
side N [adc counts]
side P [adc counts]

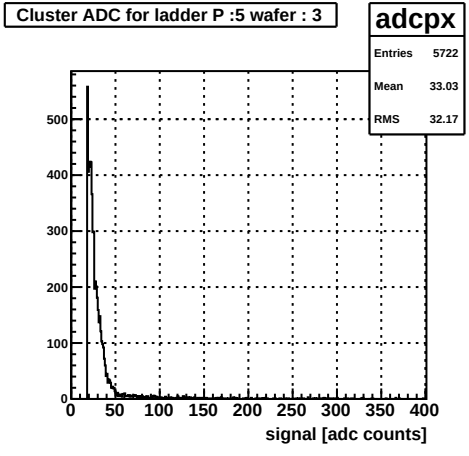

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2321
Mean 38.17
RMS 38.84
signal [adc counts]

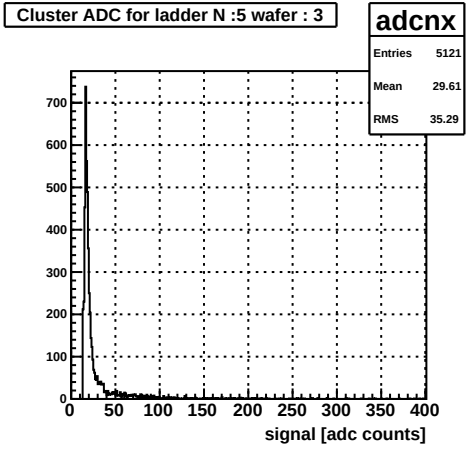

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 6744
Mean 28.73
RMS 27.79
signal [adc counts]

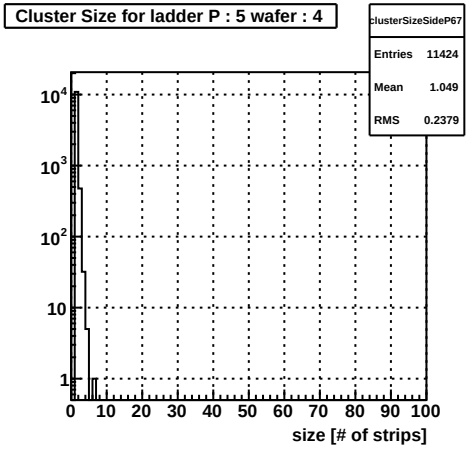

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5722
Mean 1.044
RMS 0.2504
size [# of strips]

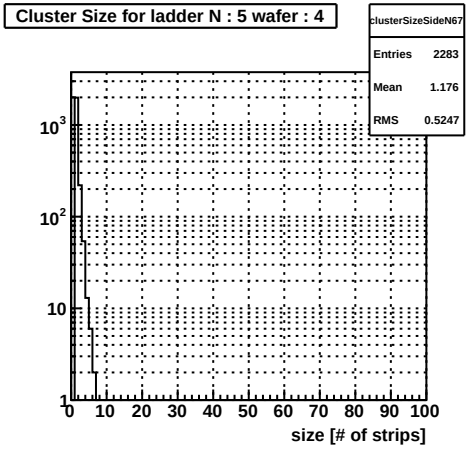

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 5121
Mean 1.217
RMS 0.6237
size [# of strips]

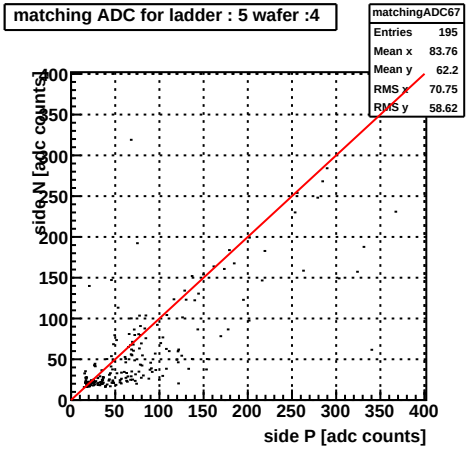

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 508
Mean x 80.3
Mean y 77.57
RMS x 69.44
RMS y 67.62
side N [adc counts]
side P [adc counts]

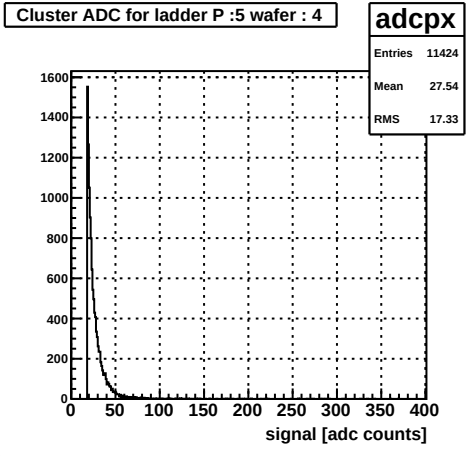

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5722
Mean 33.03
RMS 32.17
signal [adc counts]

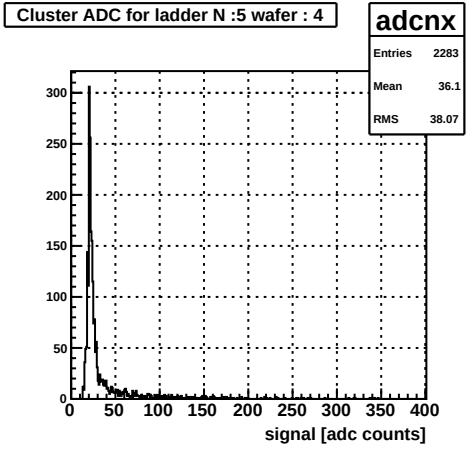

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 5121
Mean 29.61
RMS 35.29
signal [adc counts]

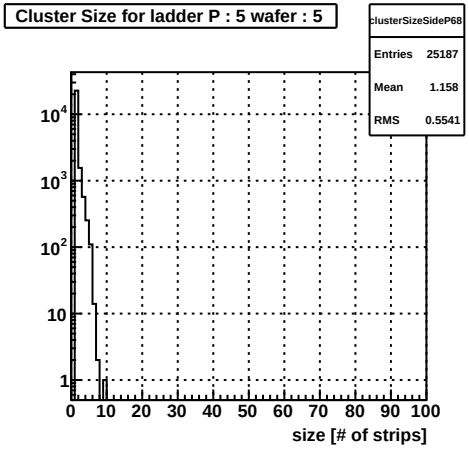

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11424
Mean 1.049
RMS 0.2379
size [# of strips]

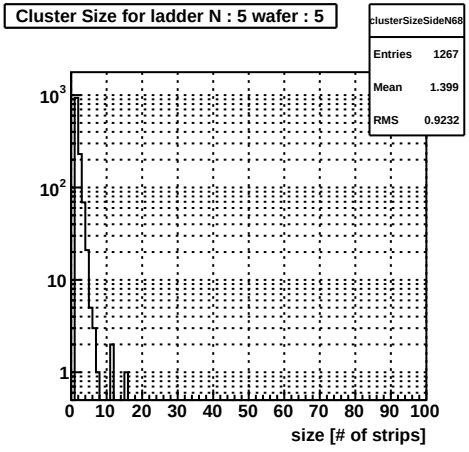

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2283
Mean 1.176
RMS 0.5247
size [# of strips]

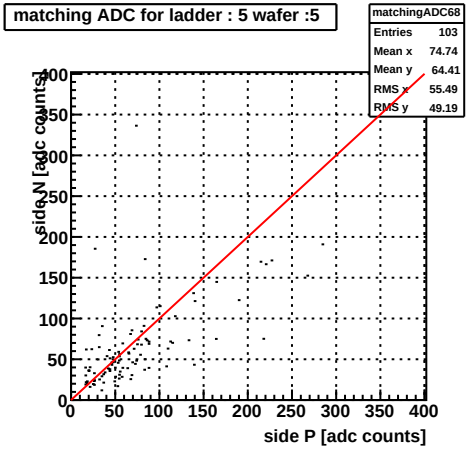

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 195
Mean x 83.76
Mean y 62.2
RMS x 70.75
RMS y 58.62
side N [adc counts]
side P [adc counts]

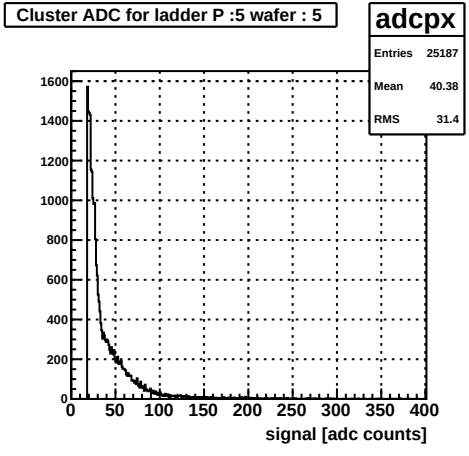

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11424
Mean 27.54
RMS 17.33
signal [adc counts]

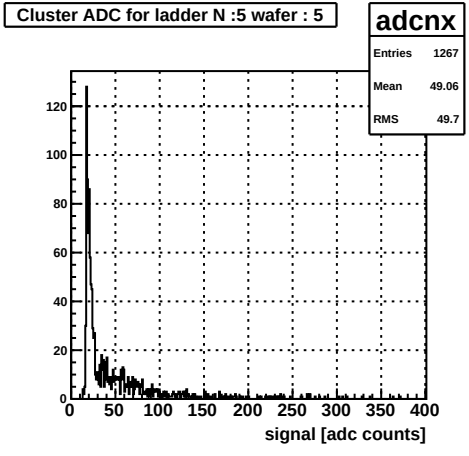

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2283
Mean 36.1
RMS 38.07
signal [adc counts]

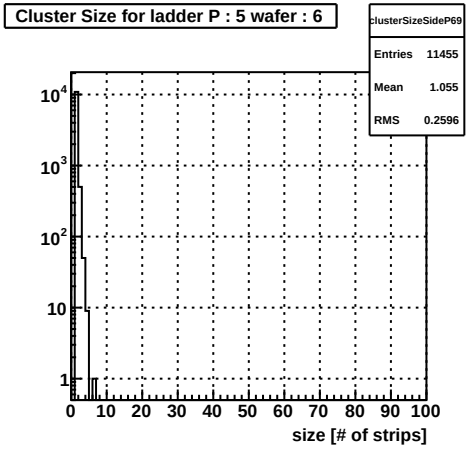

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 25187
Mean 1.158
RMS 0.5541
size [# of strips]

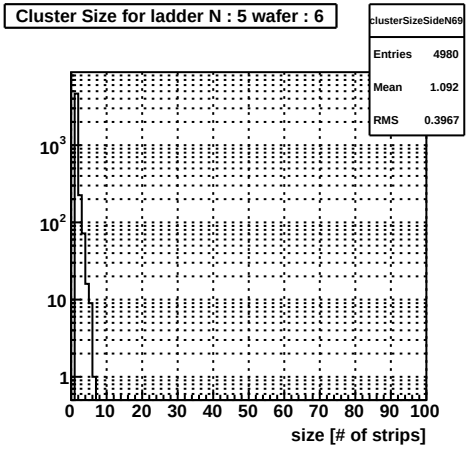

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1267
Mean 1.399
RMS 0.9232
size [# of strips]

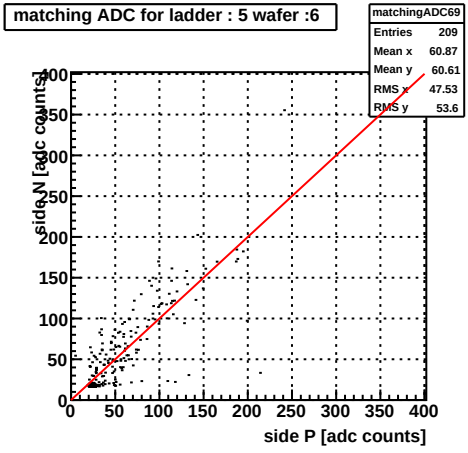

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 103
Mean x 74.74
Mean y 64.41
RMS x 55.49
RMS y 49.19
side N [adc counts]
side P [adc counts]

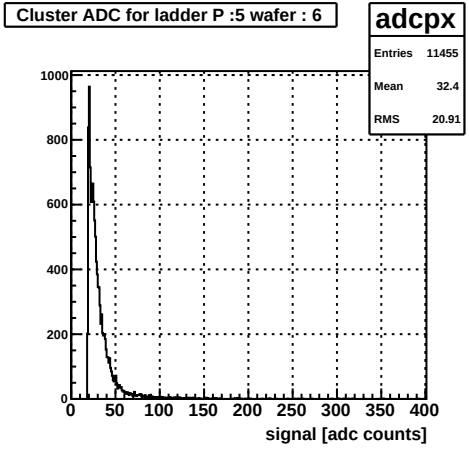

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 25187
Mean 40.38
RMS 31.4
signal [adc counts]

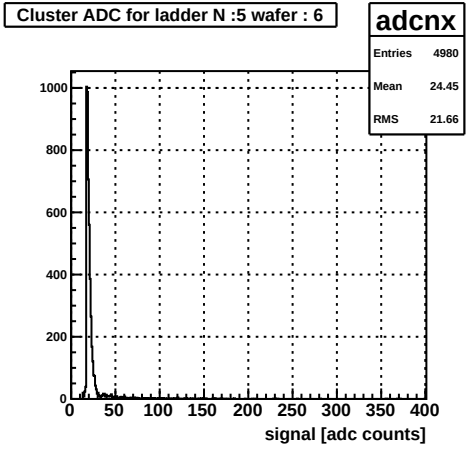

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1267
Mean 49.06
RMS 49.7
signal [adc counts]

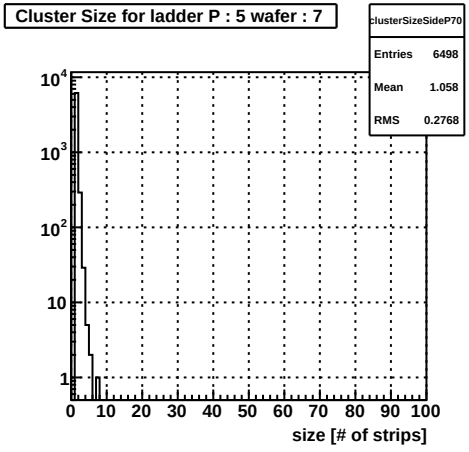

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11455
Mean 1.055
RMS 0.2596
size [# of strips]

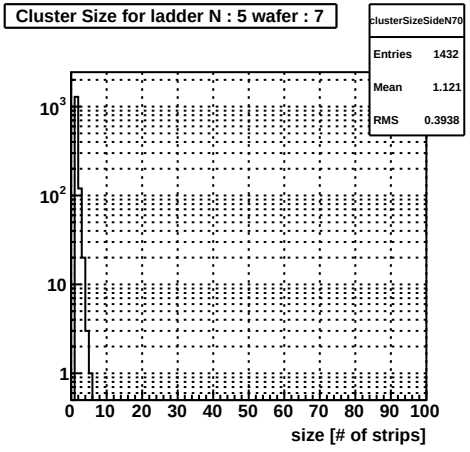

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4980
Mean 1.092
RMS 0.3967
size [# of strips]

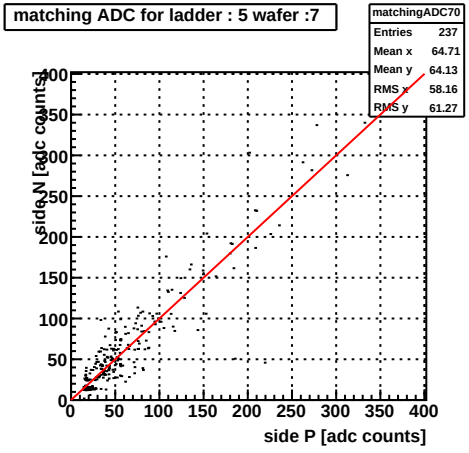

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 209
Mean x 60.87
Mean y 60.61
RMS x 47.53
RMS y 53.6
side N [adc counts]
side P [adc counts]

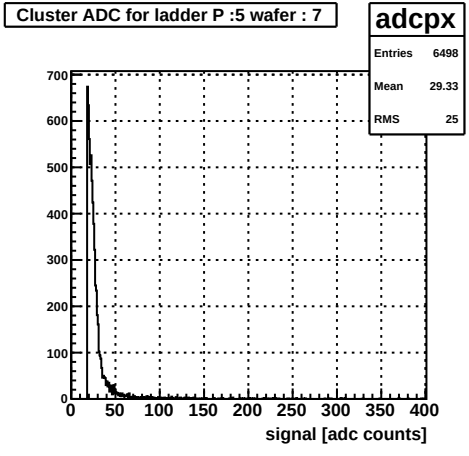

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11455
Mean 32.4
RMS 20.91
signal [adc counts]

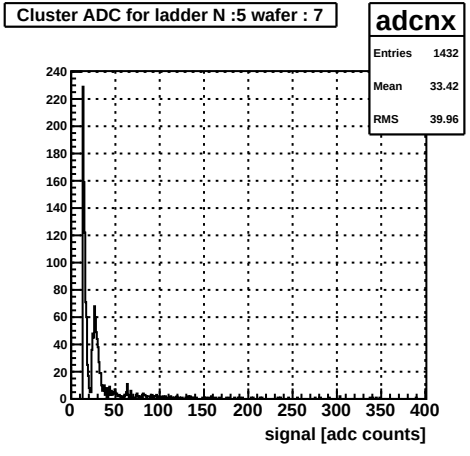

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4980
Mean 24.45
RMS 21.66
signal [adc counts]

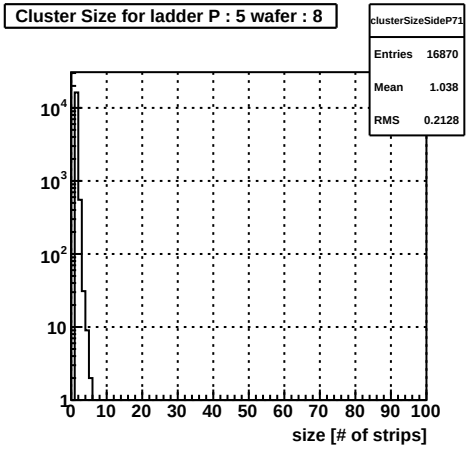

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6498
Mean 1.058
RMS 0.2768
size [# of strips]

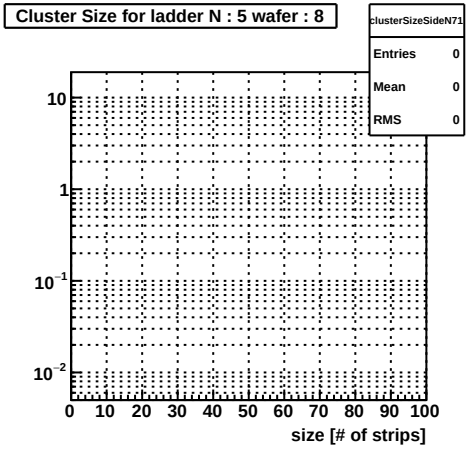

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1432
Mean 1.121
RMS 0.3938
size [# of strips]

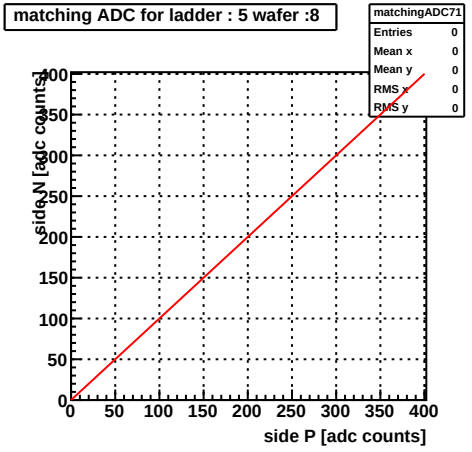

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 237
Mean x 64.71
Mean y 64.13
RMS x 58.16
RMS y 61.27
side N [adc counts]
side P [adc counts]

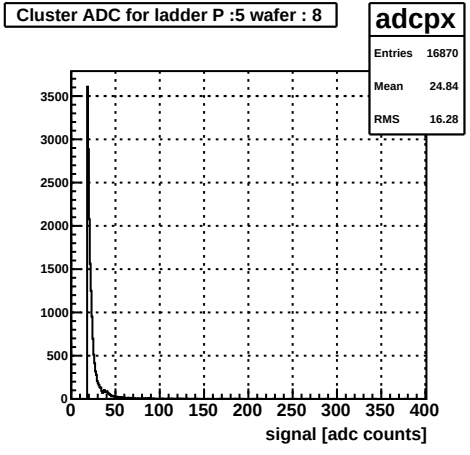

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6498
Mean 29.33
RMS 25
signal [adc counts]

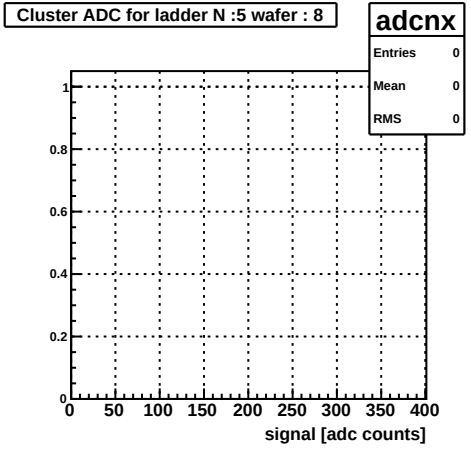

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1432
Mean 33.42
RMS 39.96
signal [adc counts]

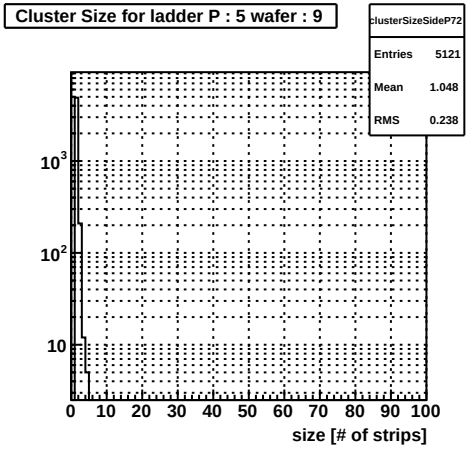

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16870
Mean 1.038
RMS 0.2128
size [# of strips]

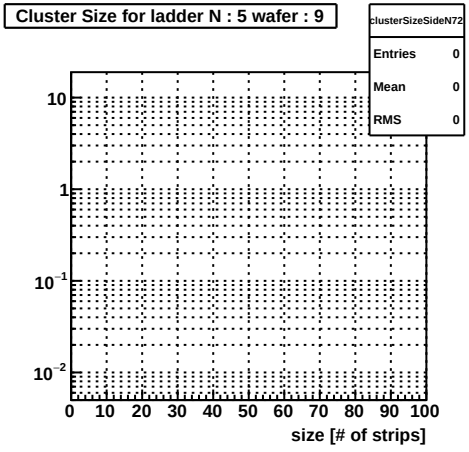

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

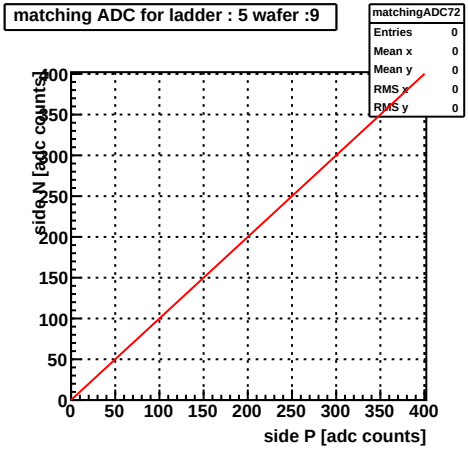

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

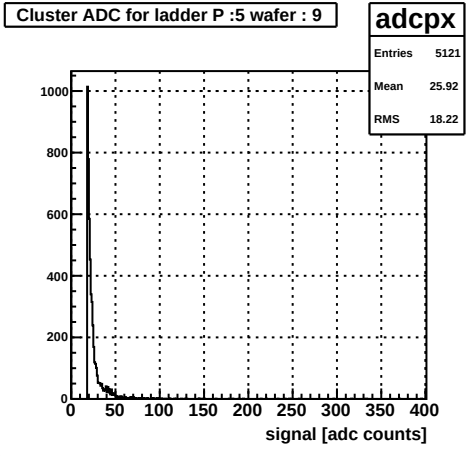

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16870
Mean 24.84
RMS 16.28
signal [adc counts]

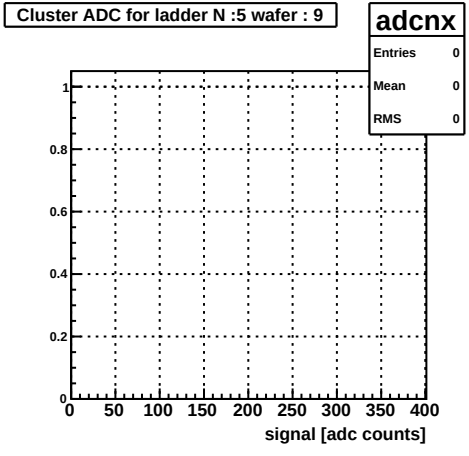

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

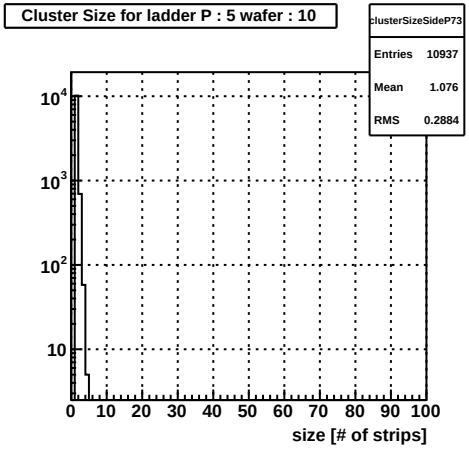

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5121
Mean 1.048
RMS 0.238
size [# of strips]

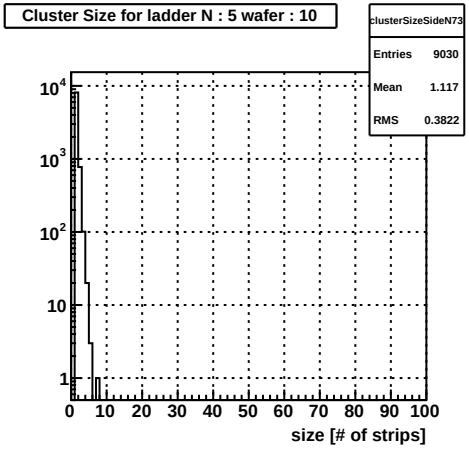

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

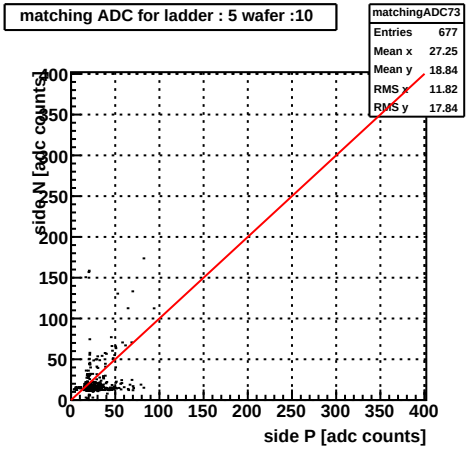

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

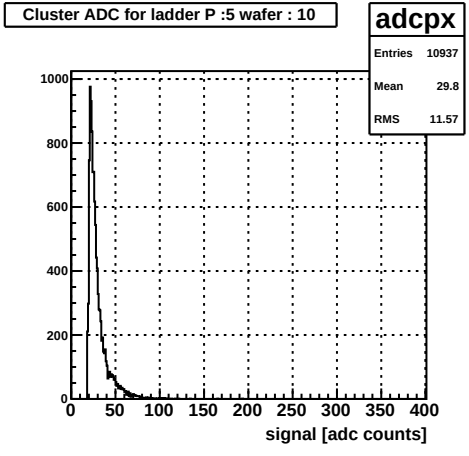

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5121
Mean 25.92
RMS 18.22
signal [adc counts]

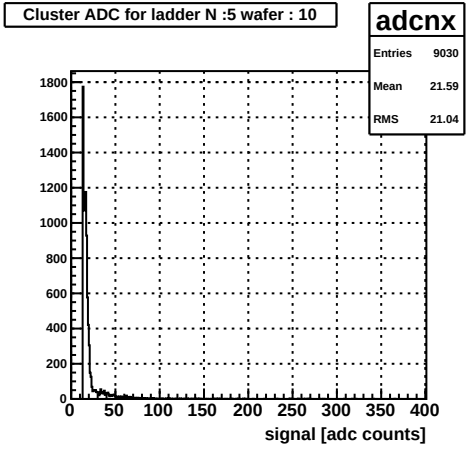

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

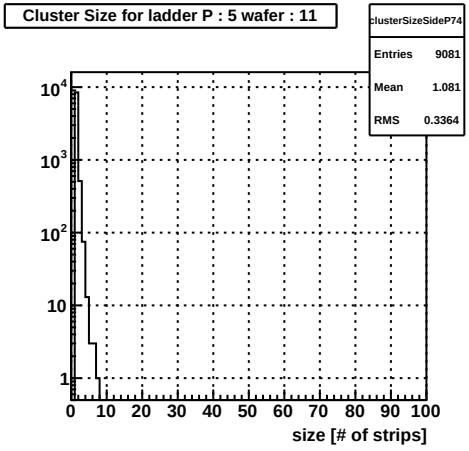

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10937
Mean 1.076
RMS 0.2884
size [# of strips]

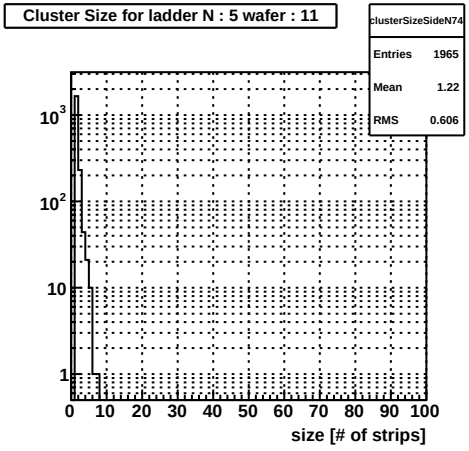

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9030
Mean 1.117
RMS 0.3822
size [# of strips]

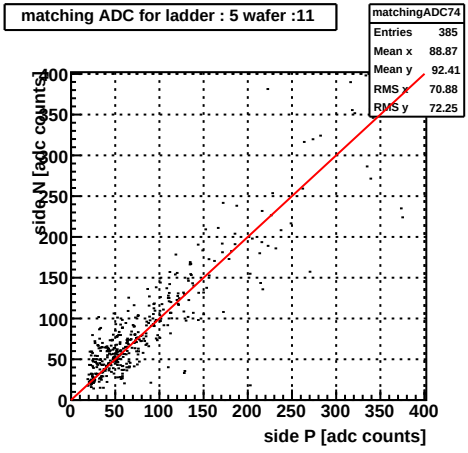

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 677
Mean x 27.25
Mean y 18.84
RMS x 11.82
RMS y 17.84
side N [adc counts]
side P [adc counts]

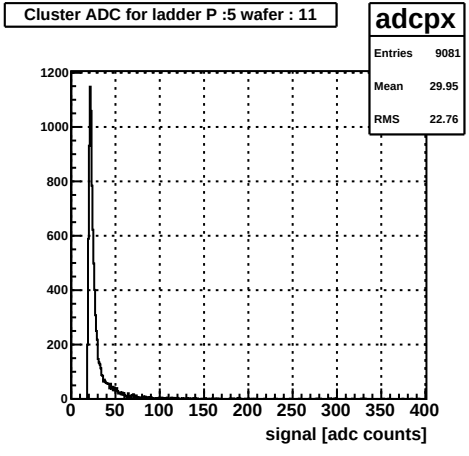

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10937
Mean 29.8
RMS 11.57
signal [adc counts]

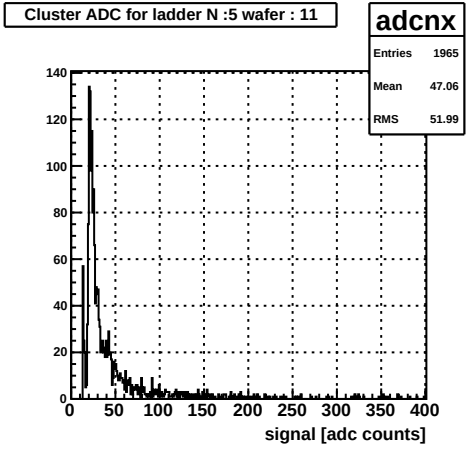

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9030
Mean 21.59
RMS 21.04
signal [adc counts]

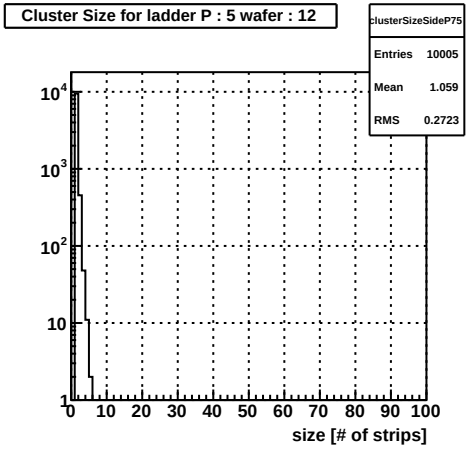

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9081
Mean 1.081
RMS 0.3364
size [# of strips]

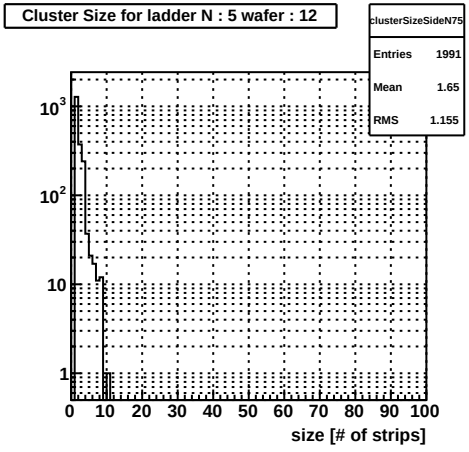

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1965
Mean 1.22
RMS 0.606
size [# of strips]

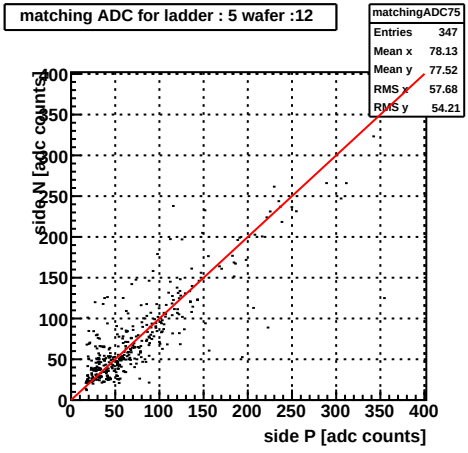

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 385
Mean x 88.87
Mean y 92.41
RMS x 70.88
RMS y 72.25
side N [adc counts]
side P [adc counts]

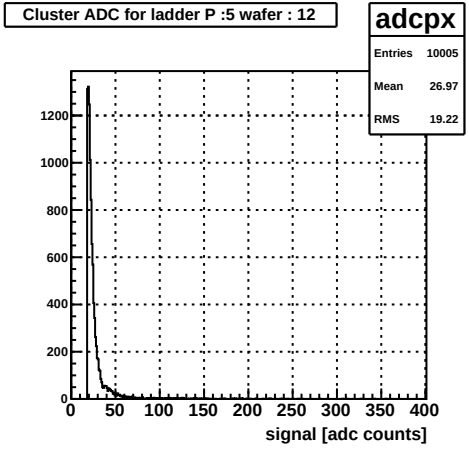

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9081
Mean 29.95
RMS 22.76
signal [adc counts]

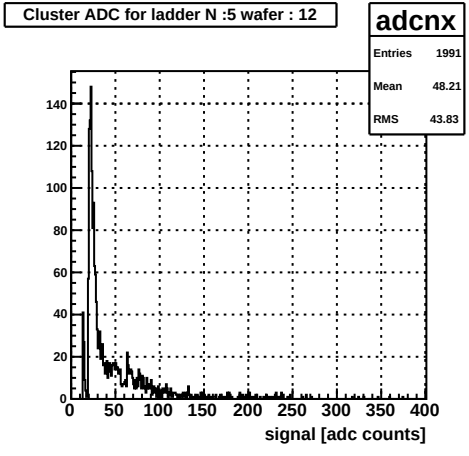

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1965
Mean 47.06
RMS 51.99
signal [adc counts]

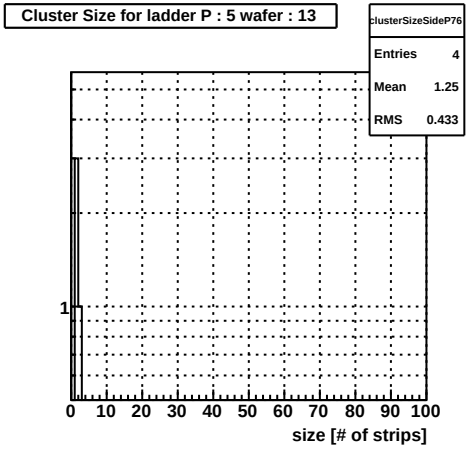

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10005
Mean 1.059
RMS 0.2723
size [# of strips]

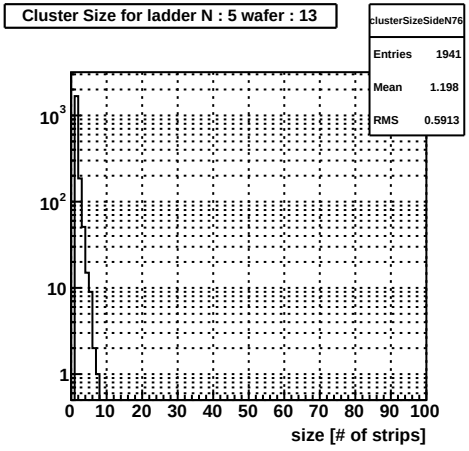

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1991
Mean 1.65
RMS 1.155
size [# of strips]

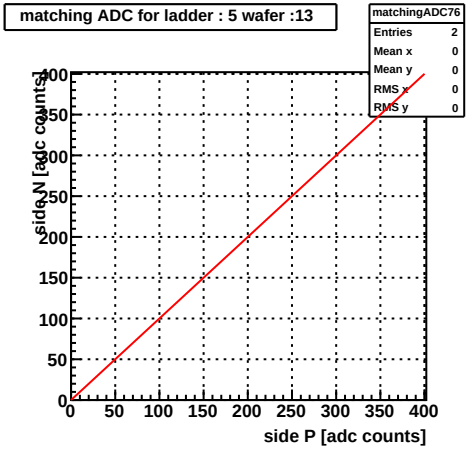

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 347
Mean x 78.13
Mean y 77.52
RMS x 57.68
RMS y 54.21
side N [adc counts]
side P [adc counts]

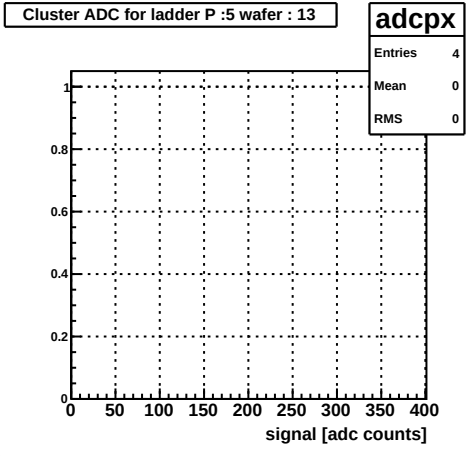

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10005
Mean 26.97
RMS 19.22
signal [adc counts]

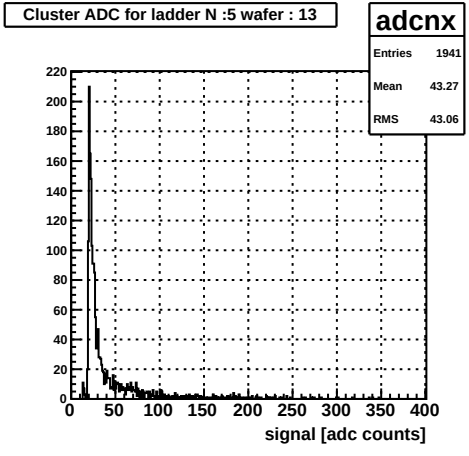

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1991
Mean 48.21
RMS 43.83
signal [adc counts]

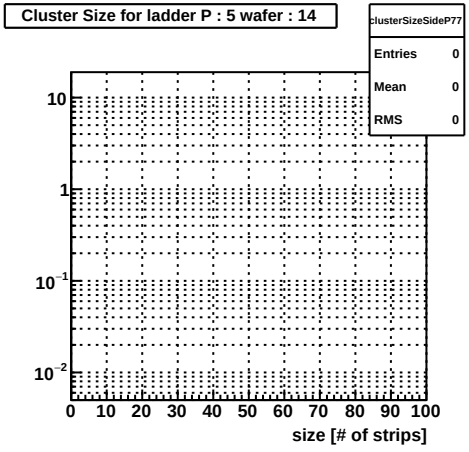

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

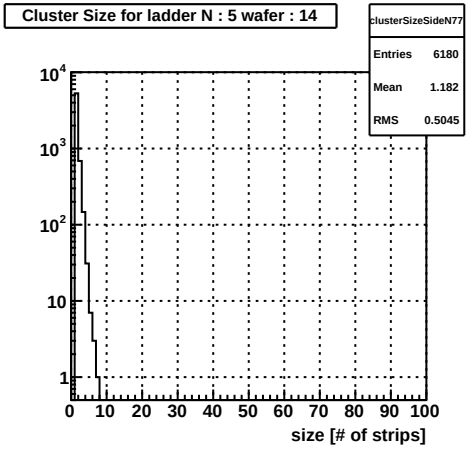

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1941
Mean 1.198
RMS 0.5913
size [# of strips]

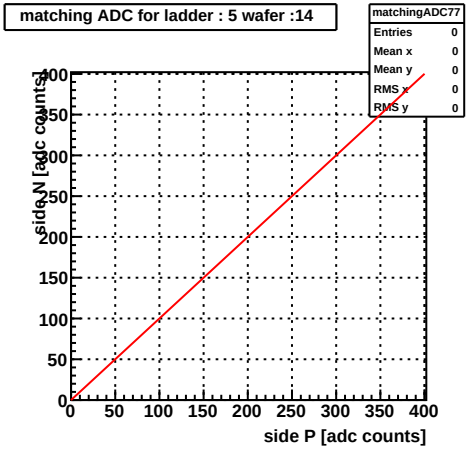

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

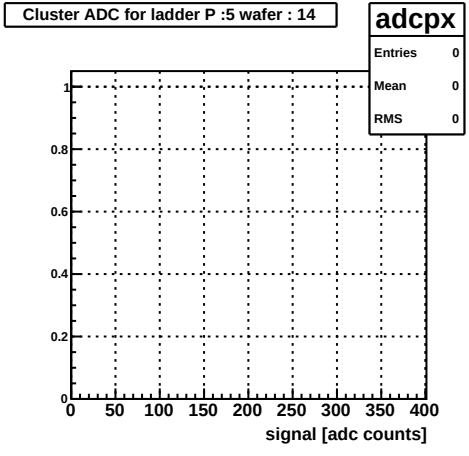

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

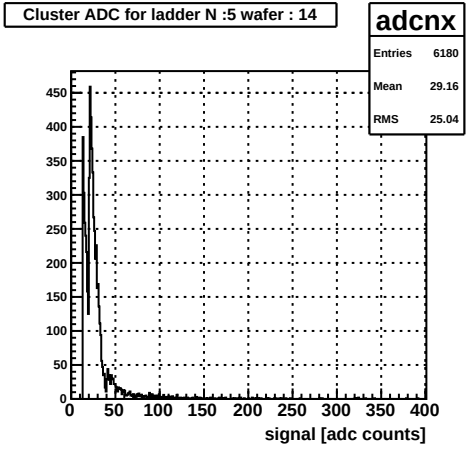

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1941
Mean 43.27
RMS 43.06
signal [adc counts]

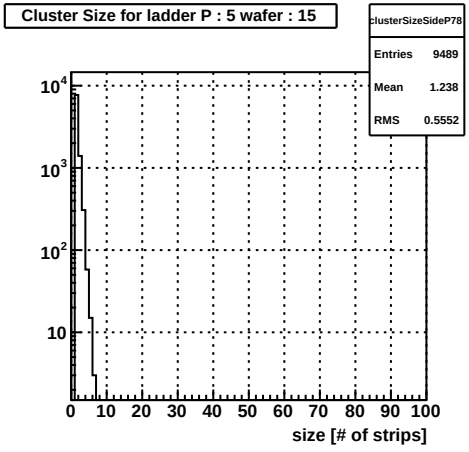

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

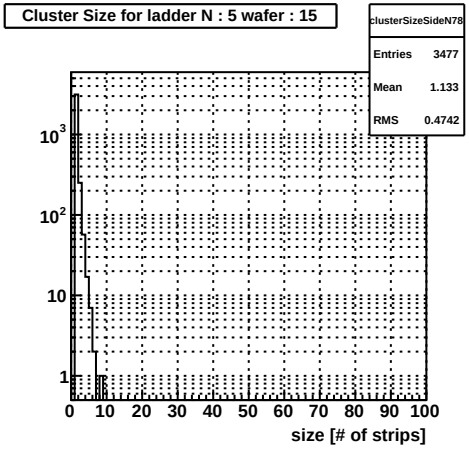

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6180
Mean 1.182
RMS 0.5045
size [# of strips]

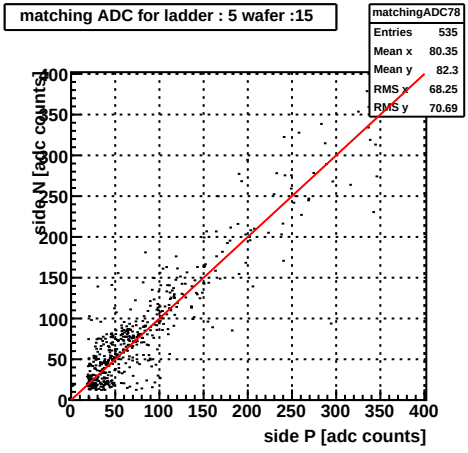

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

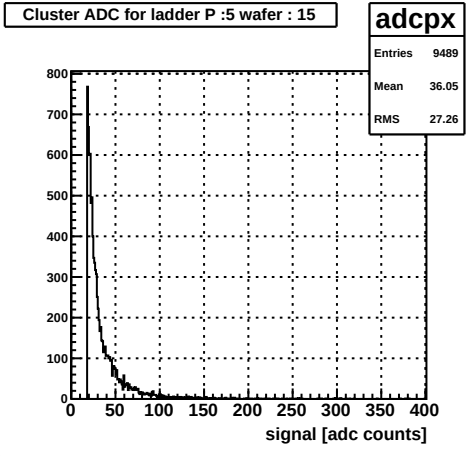

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

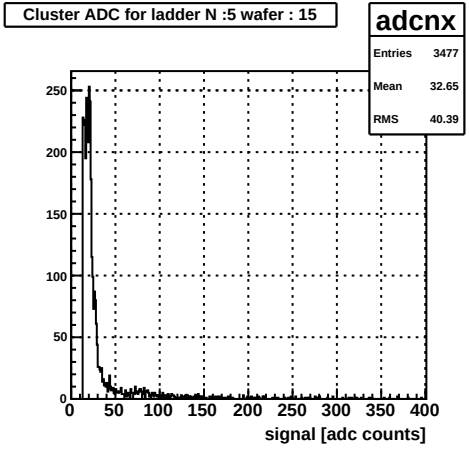

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6180
Mean 29.16
RMS 25.04
signal [adc counts]

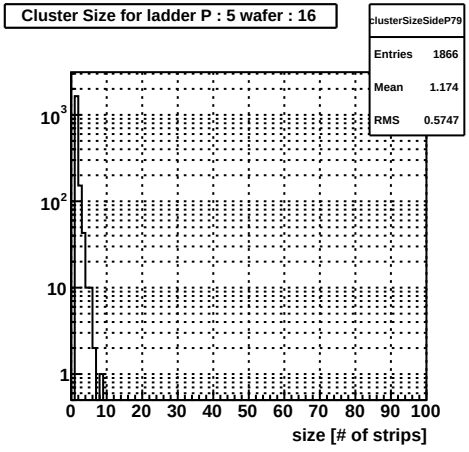

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 9489
Mean 1.238
RMS 0.5552
size [# of strips]

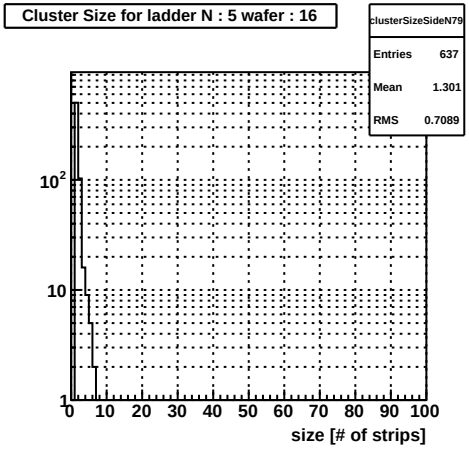

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3477
Mean 1.133
RMS 0.4742
size [# of strips]

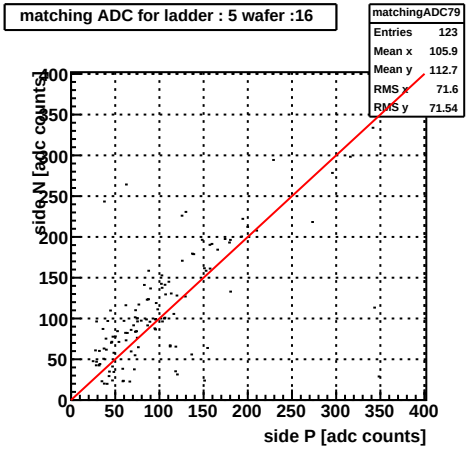

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 535
Mean x 80.35
Mean y 82.3
RMS x 68.25
RMS y 70.69
side N [adc counts]
side P [adc counts]

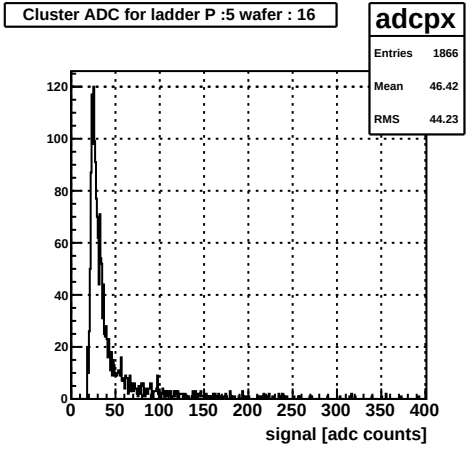

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 9489
Mean 36.05
RMS 27.26
signal [adc counts]

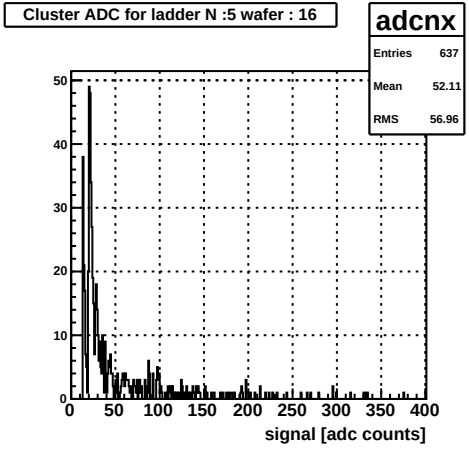

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3477
Mean 32.65
RMS 40.39
signal [adc counts]

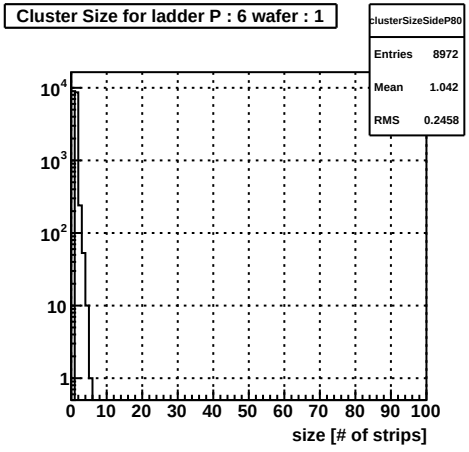

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1866
Mean 1.174
RMS 0.5747
size [# of strips]

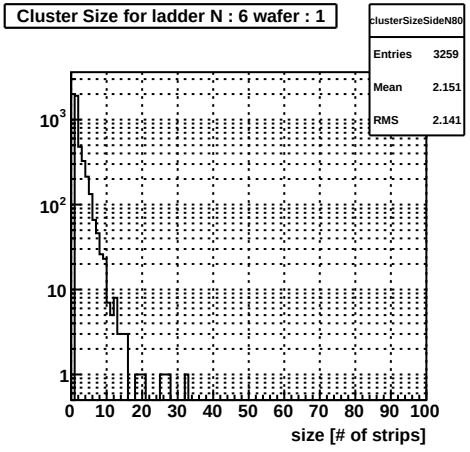

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 637
Mean 1.301
RMS 0.7089
size [# of strips]

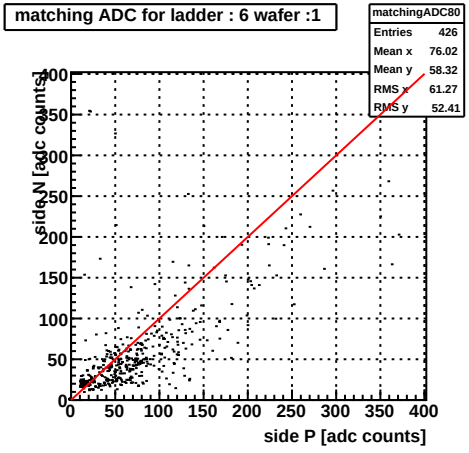

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 123
Mean x 105.9
Mean y 112.7
RMS x 71.6
RMS y 71.54
side N [adc counts]
side P [adc counts]

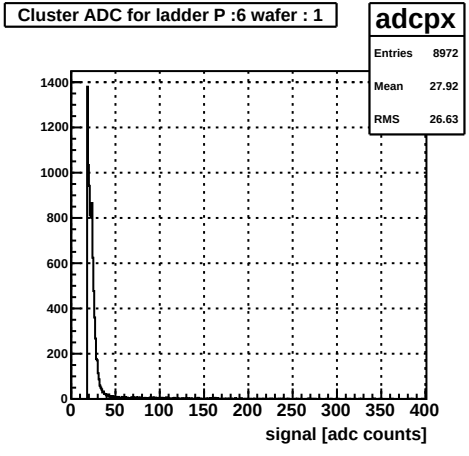

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1866
Mean 46.42
RMS 44.23
signal [adc counts]

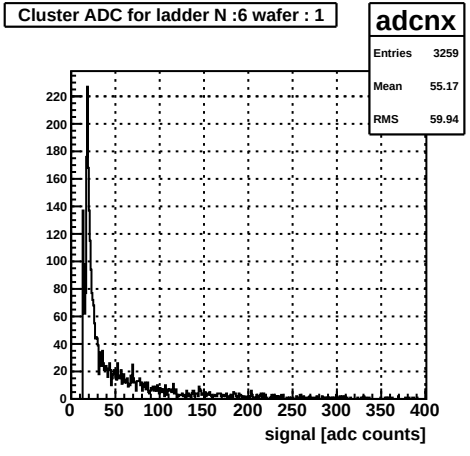

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 637
Mean 52.11
RMS 56.96
signal [adc counts]

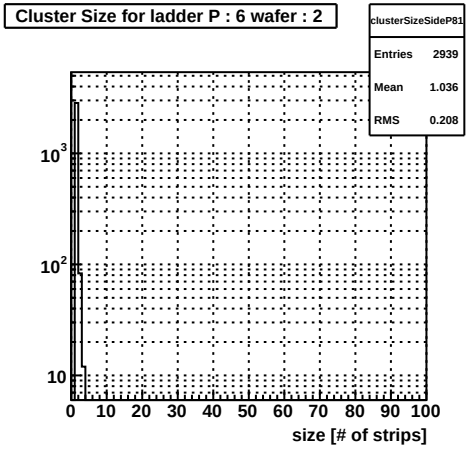

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8972
Mean 1.042
RMS 0.2458
size [# of strips]

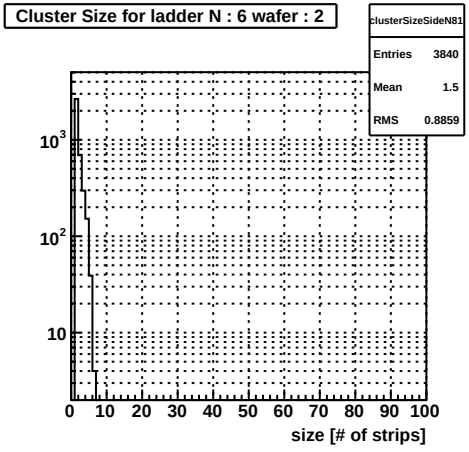

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3259
Mean 2.151
RMS 2.141
size [# of strips]

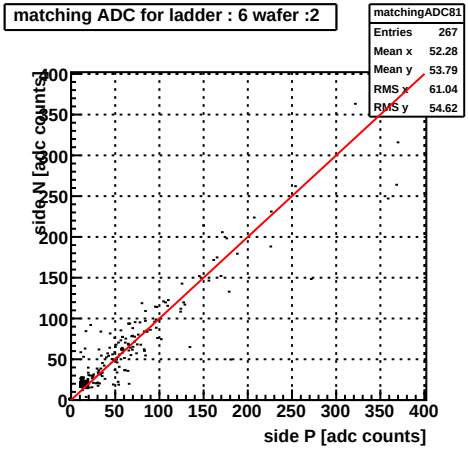

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 426
Mean x 76.02
Mean y 58.32
RMS x 61.27
RMS y 52.41
side N [adc counts]
side P [adc counts]

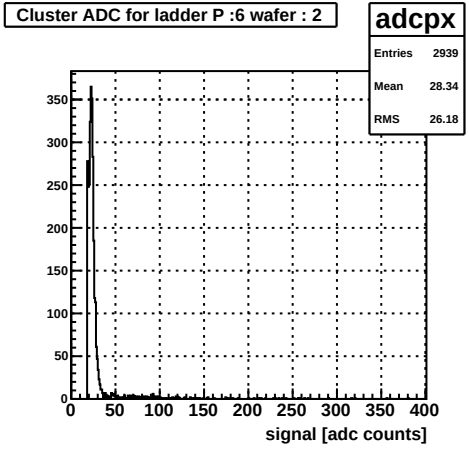

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8972
Mean 27.92
RMS 26.63
signal [adc counts]

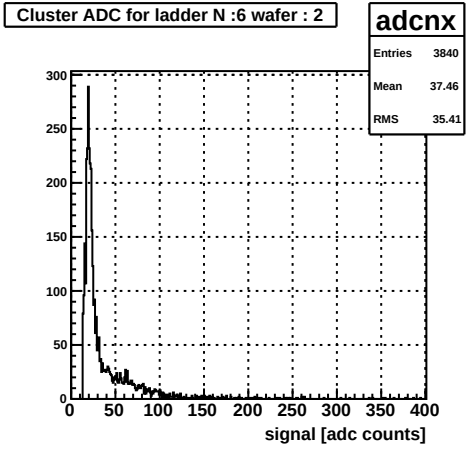

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3259
Mean 55.17
RMS 59.94
signal [adc counts]

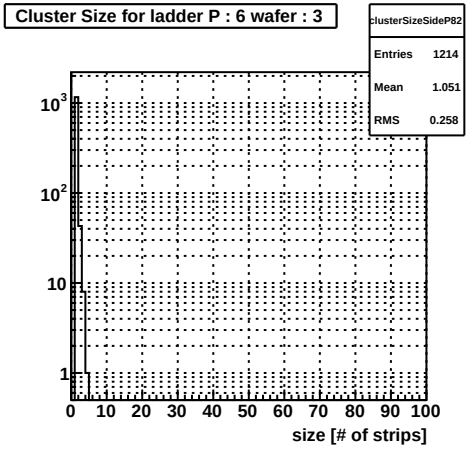

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2939
Mean 1.036
RMS 0.208
size [# of strips]

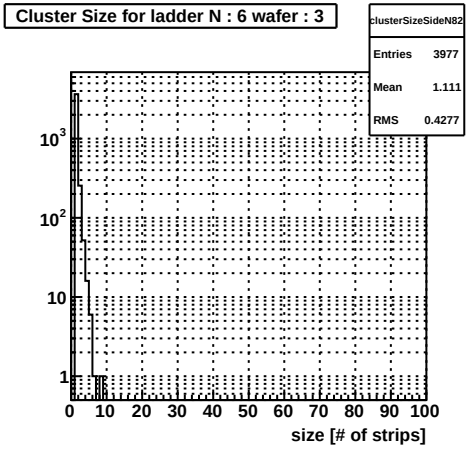

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3840
Mean 1.5
RMS 0.8859
size [# of strips]

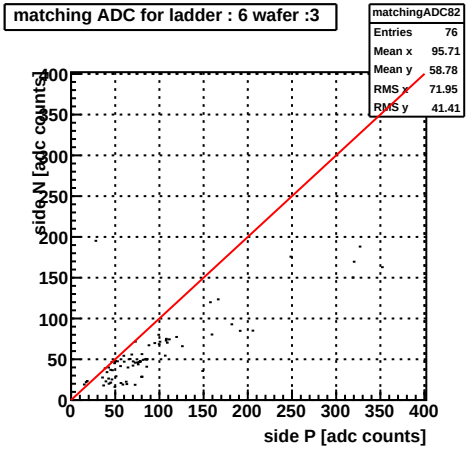

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 267
Mean x 52.28
Mean y 53.79
RMS x 61.04
RMS y 54.62
side N [adc counts]
side P [adc counts]

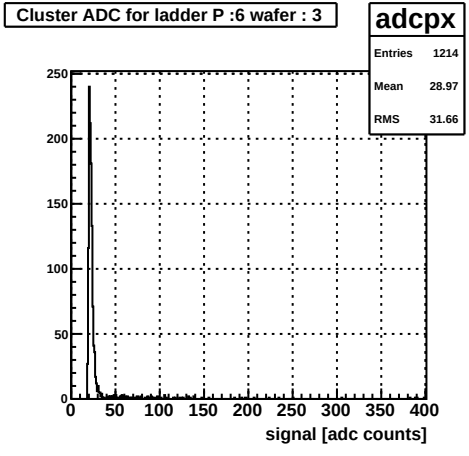

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2939
Mean 28.34
RMS 26.18
signal [adc counts]

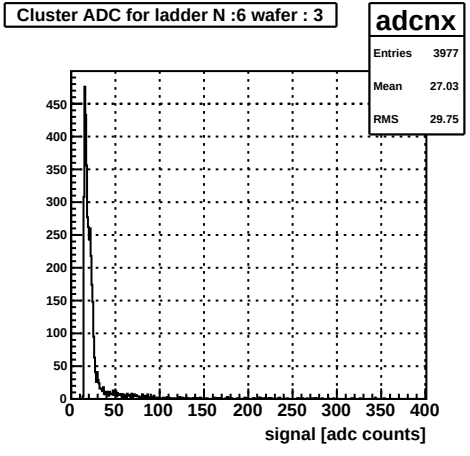

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3840
Mean 37.46
RMS 35.41
signal [adc counts]

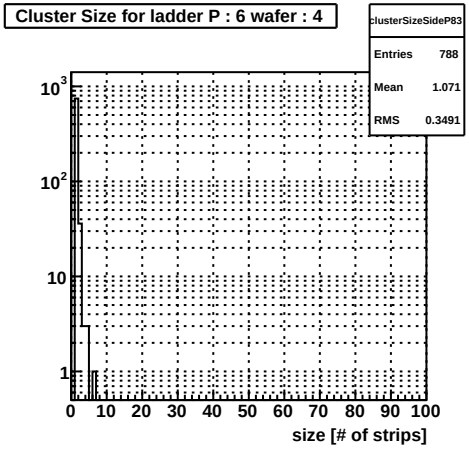

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1214
Mean 1.051
RMS 0.258
size [# of strips]

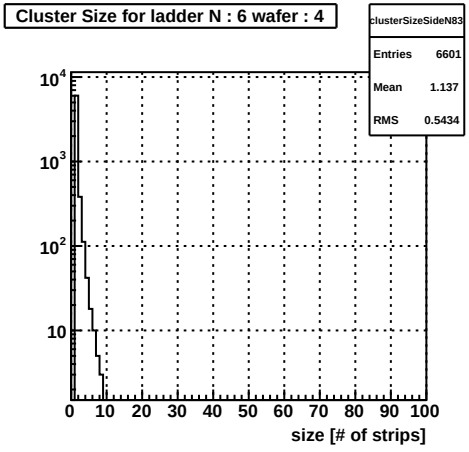

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3977
Mean 1.111
RMS 0.4277
size [# of strips]

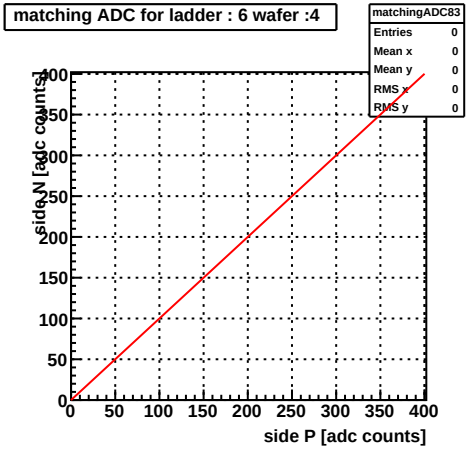

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 76
Mean x 95.71
Mean y 58.78
RMS x 71.95
RMS y 41.41
side N [adc counts]
side P [adc counts]

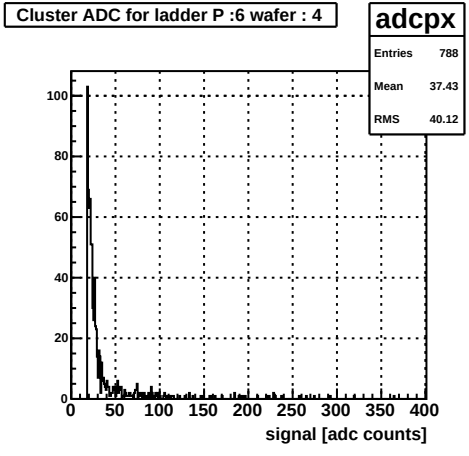

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1214
Mean 28.97
RMS 31.66
signal [adc counts]

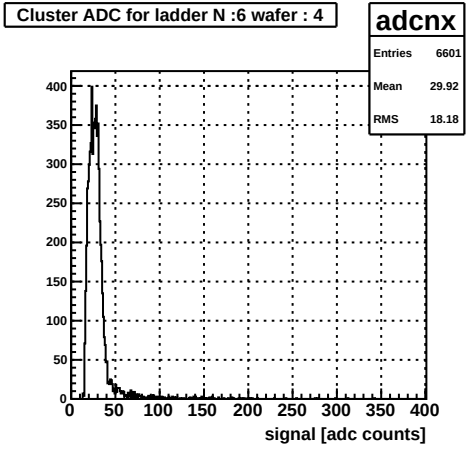

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3977
Mean 27.03
RMS 29.75
signal [adc counts]

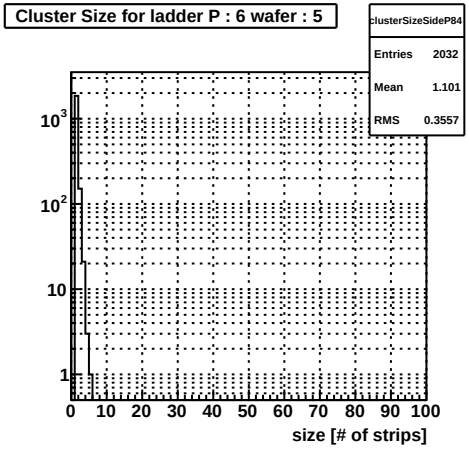

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 788
Mean 1.071
RMS 0.3491
size [# of strips]

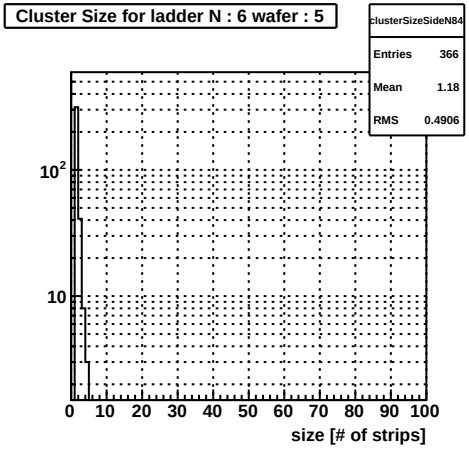

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6601
Mean 1.137
RMS 0.5434
size [# of strips]

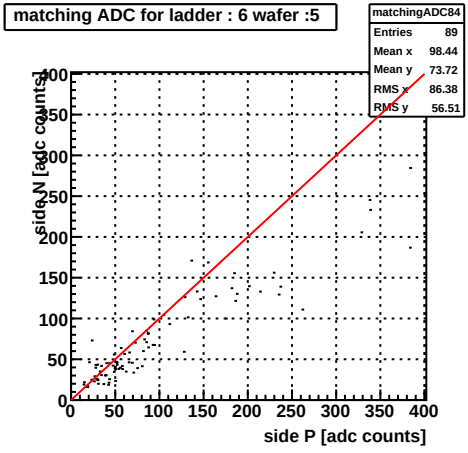

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

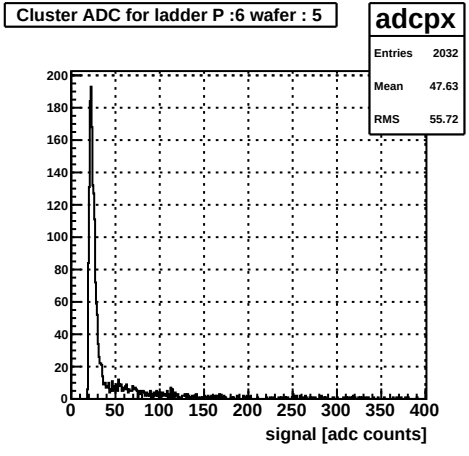

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 788
Mean 37.43
RMS 40.12
signal [adc counts]

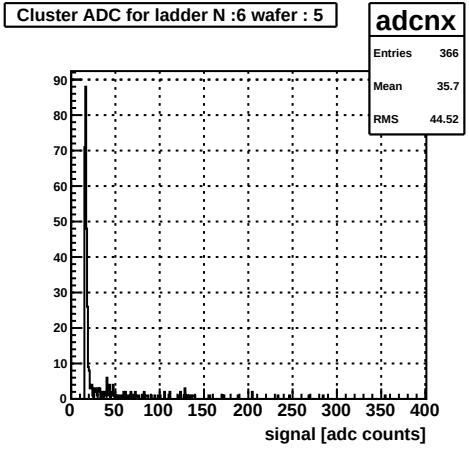

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6601
Mean 29.92
RMS 18.18
signal [adc counts]

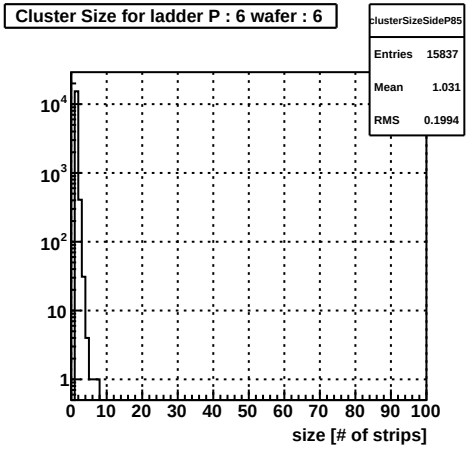

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2032
Mean 1.101
RMS 0.3557
size [# of strips]

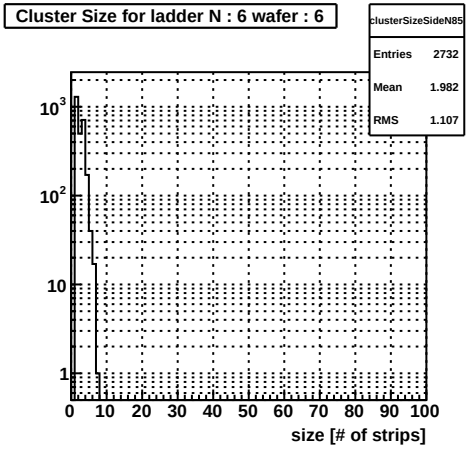

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 366
Mean 1.18
RMS 0.4906
size [# of strips]

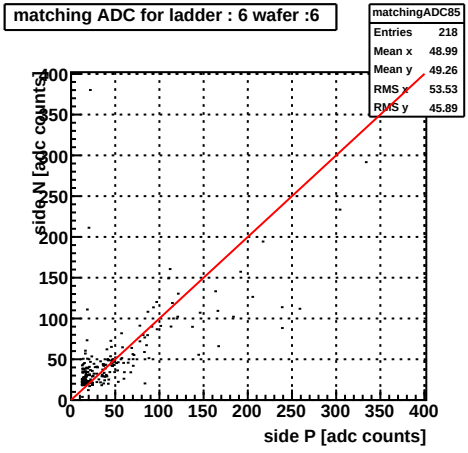

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 89
Mean x 98.44
Mean y 73.72
RMS x 86.38
RMS y 56.51
side N [adc counts]
side P [adc counts]

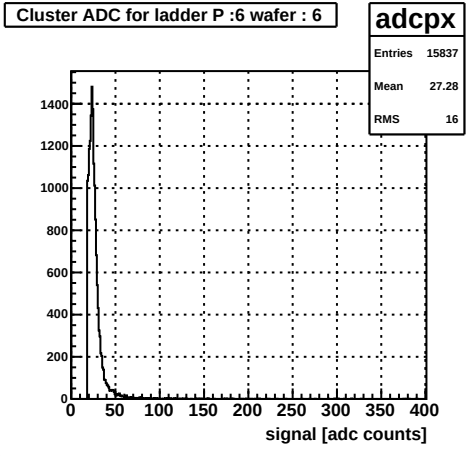

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2032
Mean 47.63
RMS 55.72
signal [adc counts]

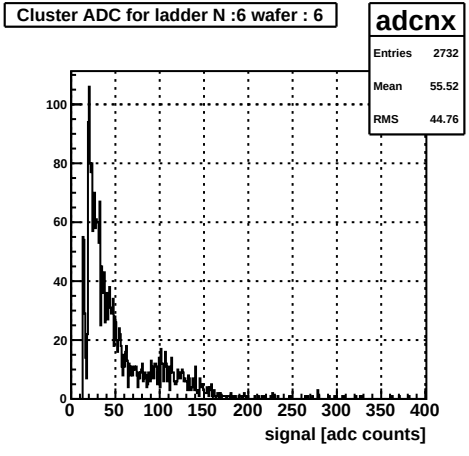

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 366
Mean 35.7
RMS 44.52
signal [adc counts]

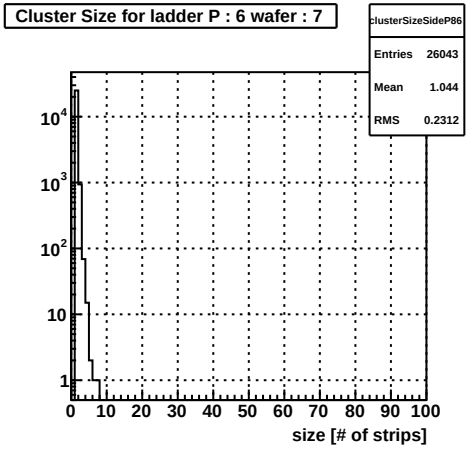

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15837
Mean 1.031
RMS 0.1994
size [# of strips]

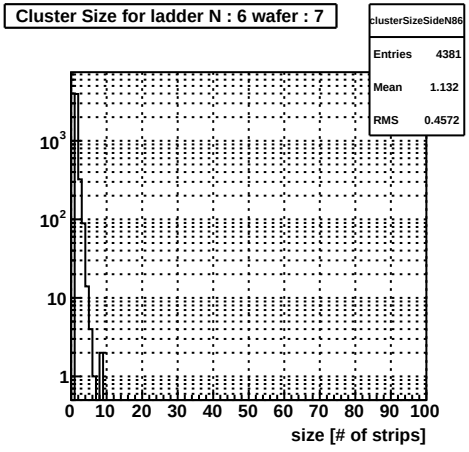

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2732
Mean 1.982
RMS 1.107
size [# of strips]

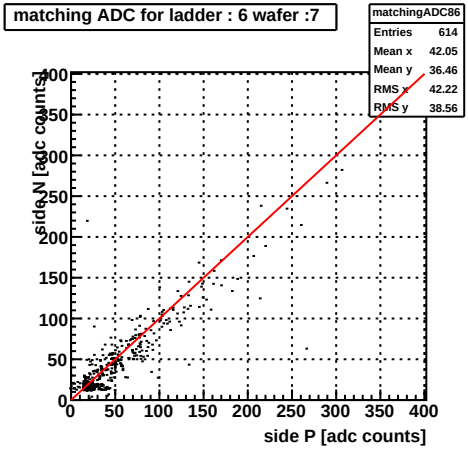

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 218
Mean x 48.99
Mean y 49.26
RMS x 53.53
RMS y 45.89
side N [adc counts]
side P [adc counts]

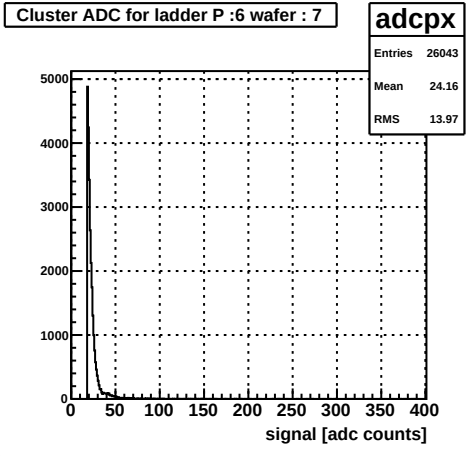

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15837
Mean 27.28
RMS 16
signal [adc counts]

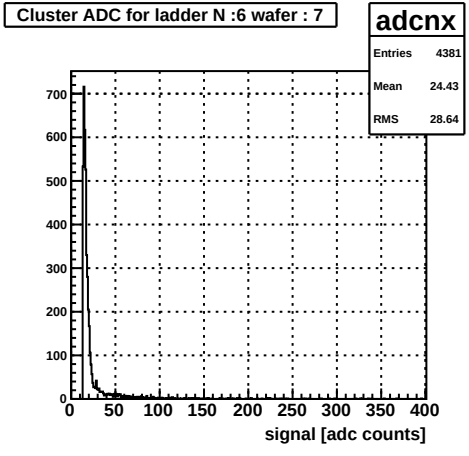

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2732
Mean 55.52
RMS 44.76
signal [adc counts]

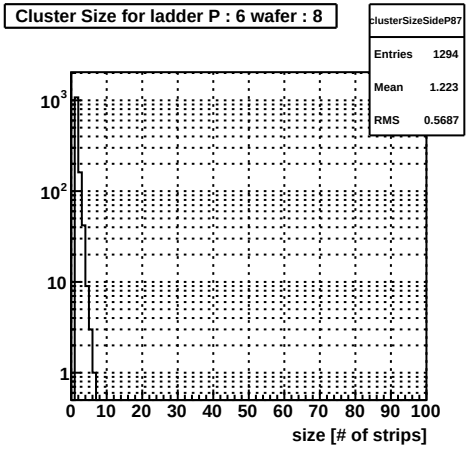

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26043
Mean 1.044
RMS 0.2312
size [# of strips]

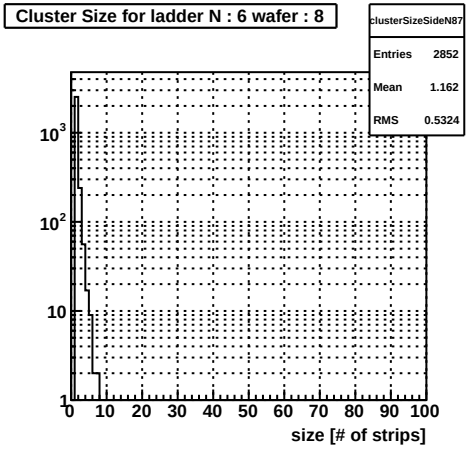

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4381
Mean 1.132
RMS 0.4572
size [# of strips]

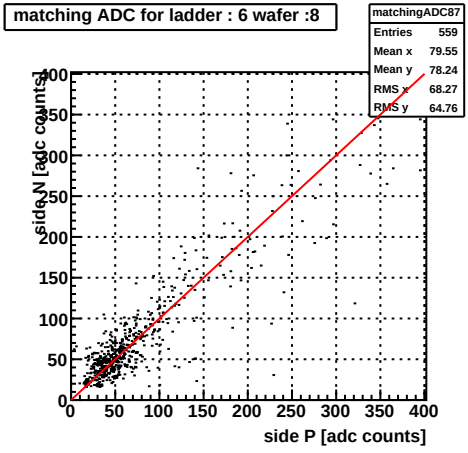

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 614
Mean x 42.05
Mean y 36.46
RMS x 42.22
RMS y 38.56
side N [adc counts]
side P [adc counts]

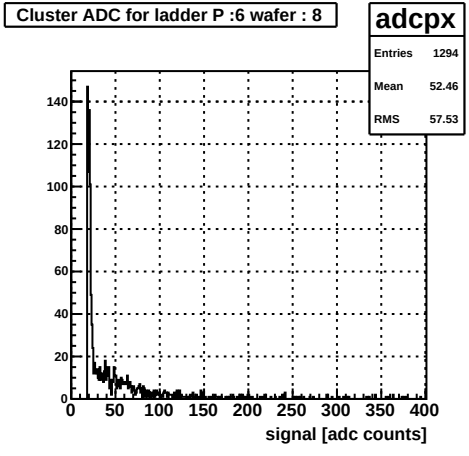

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26043
Mean 24.16
RMS 13.97
signal [adc counts]

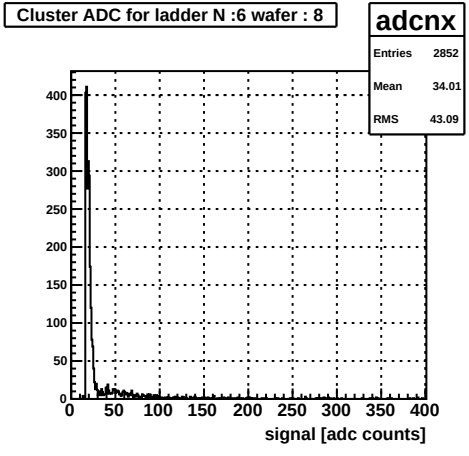

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4381
Mean 24.43
RMS 28.64
signal [adc counts]

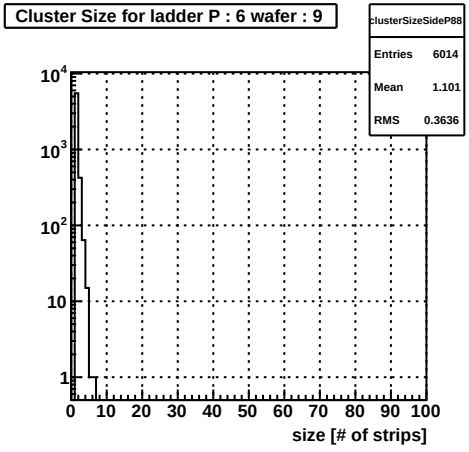

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1294
Mean 1.223
RMS 0.5687
size [# of strips]

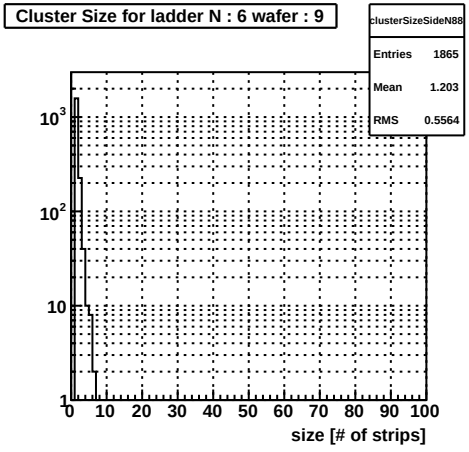

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2852
Mean 1.162
RMS 0.5324
size [# of strips]

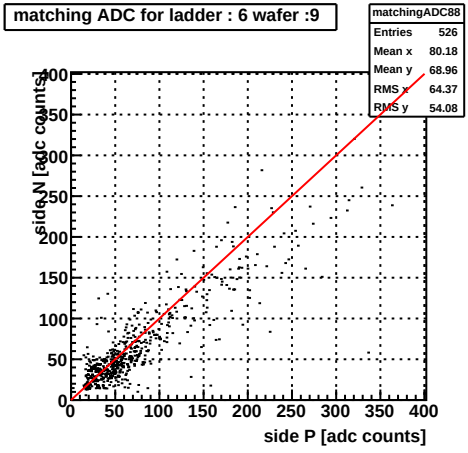

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 559
Mean x 79.55
Mean y 78.24
RMS x 68.27
RMS y 64.76
side N [adc counts]
side P [adc counts]

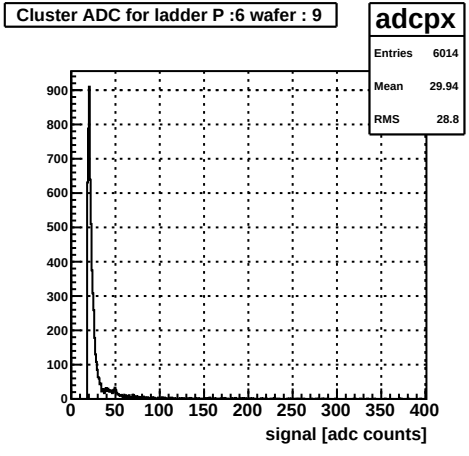

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1294
Mean 52.46
RMS 57.53
signal [adc counts]

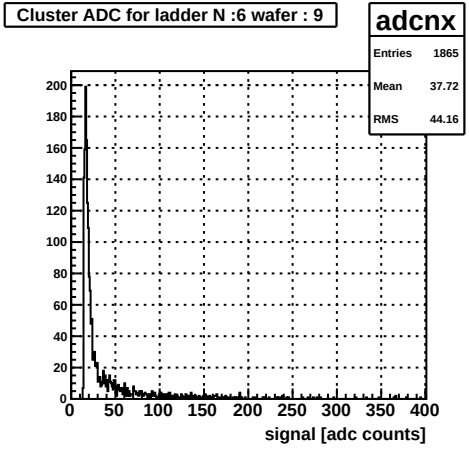

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2852
Mean 34.01
RMS 43.09
signal [adc counts]

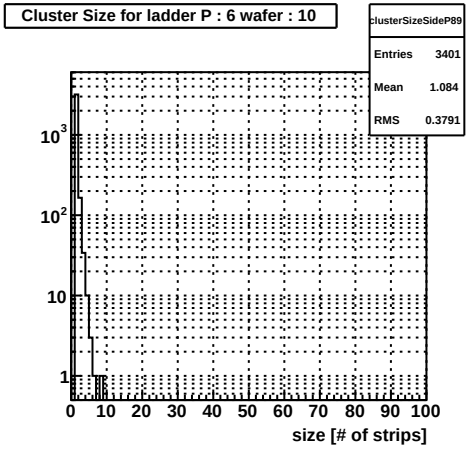

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6014
Mean 1.101
RMS 0.3636
size [# of strips]

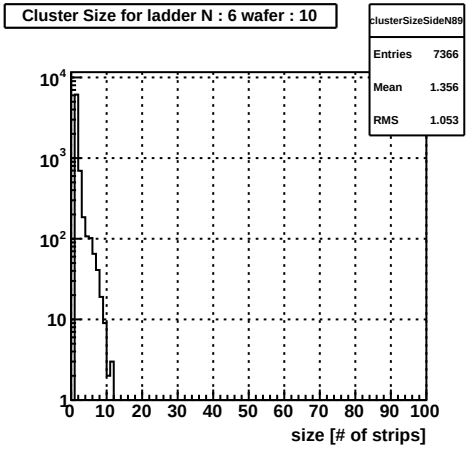

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1865
Mean 1.203
RMS 0.5564
size [# of strips]

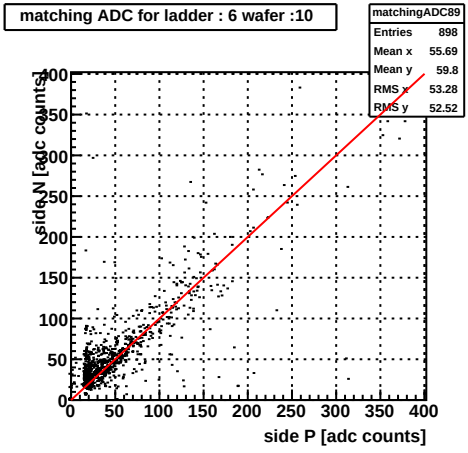

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 526
Mean x 80.18
Mean y 68.96
RMS x 64.37
RMS y 54.08
side N [adc counts]
side P [adc counts]

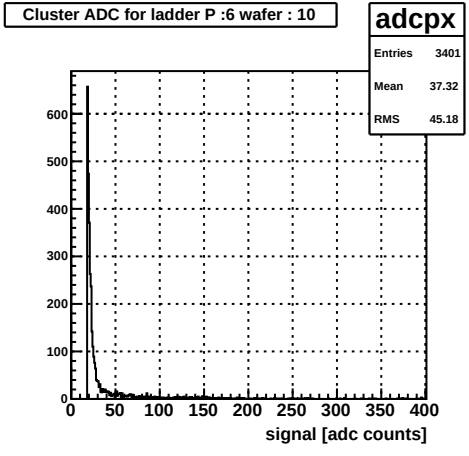

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6014
Mean 29.94
RMS 28.8
signal [adc counts]

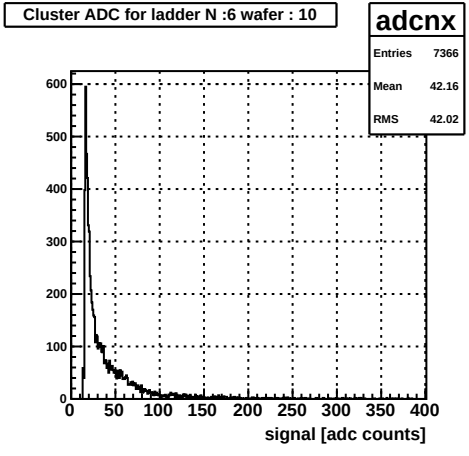

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1865
Mean 37.72
RMS 44.16
signal [adc counts]

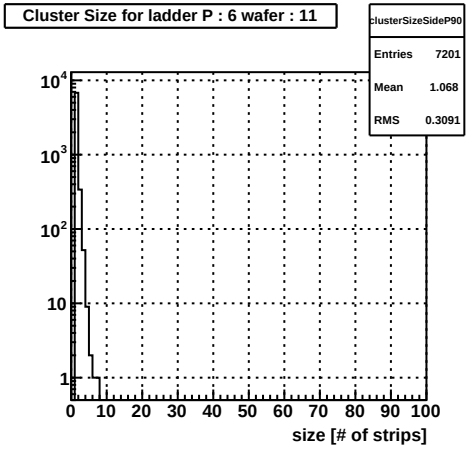

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3401
Mean 1.084
RMS 0.3791
size [# of strips]

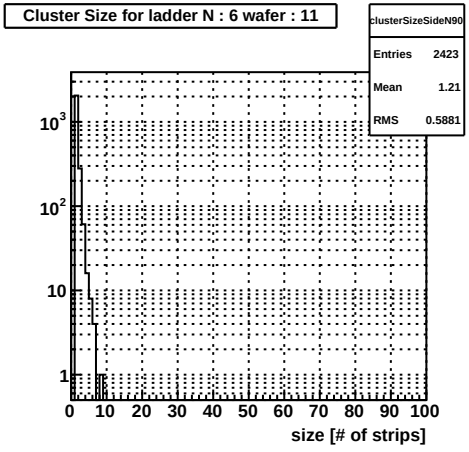

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 7366
Mean 1.356
RMS 1.053
size [# of strips]

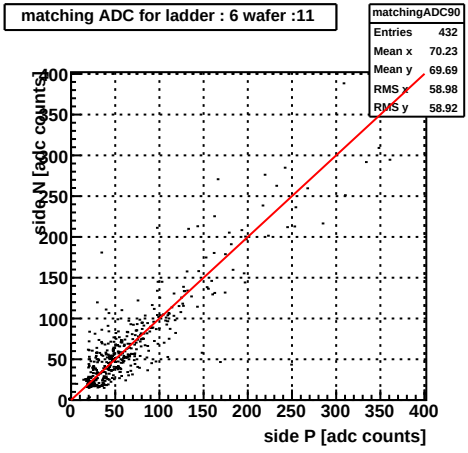

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 898
Mean x 55.69
Mean y 59.8
RMS x 53.28
RMS y 52.52
side N [adc counts]
side P [adc counts]

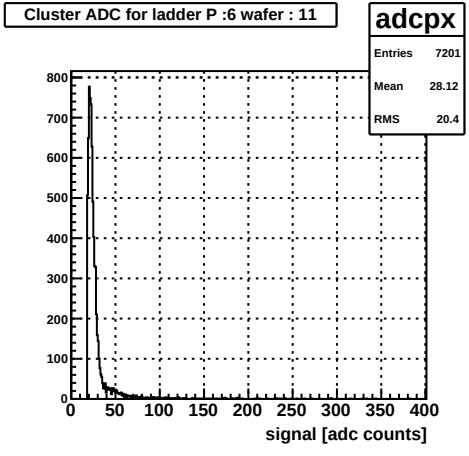

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3401
Mean 37.32
RMS 45.18
signal [adc counts]

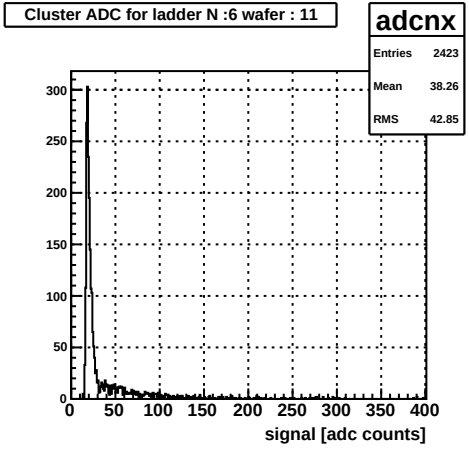

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 7366
Mean 42.16
RMS 42.02
signal [adc counts]

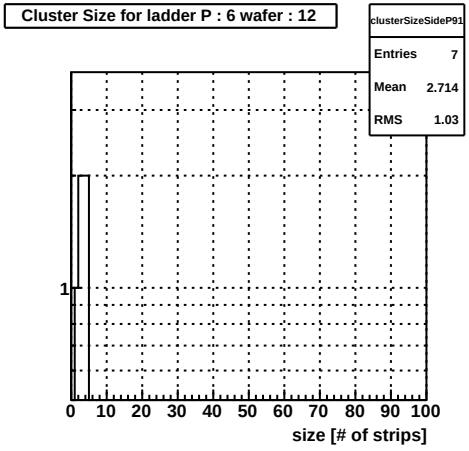

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7201
Mean 1.068
RMS 0.3091
size [# of strips]

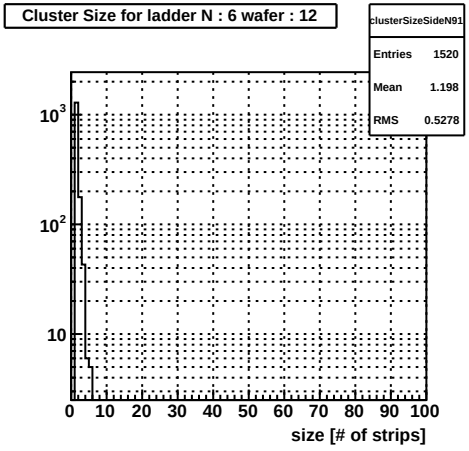

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2423
Mean 1.21
RMS 0.5881
size [# of strips]

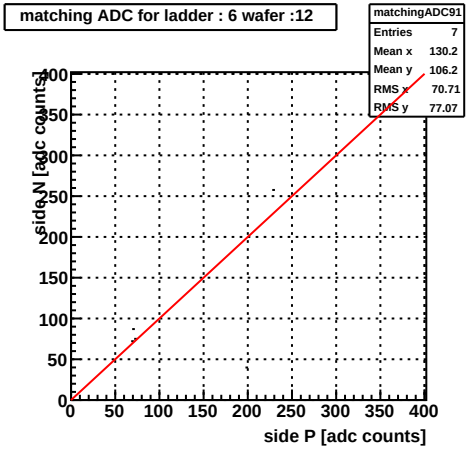

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 432
Mean x 70.23
Mean y 69.69
RMS x 58.98
RMS y 58.92
side N [adc counts]
side P [adc counts]

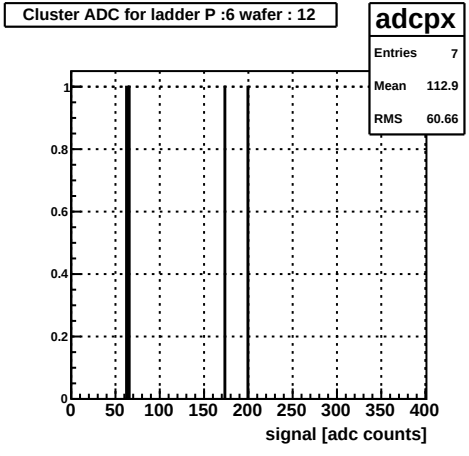

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7201
Mean 28.12
RMS 20.4
signal [adc counts]

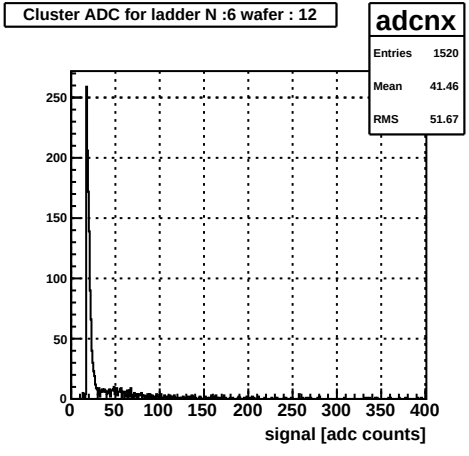

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2423
Mean 38.26
RMS 42.85
signal [adc counts]

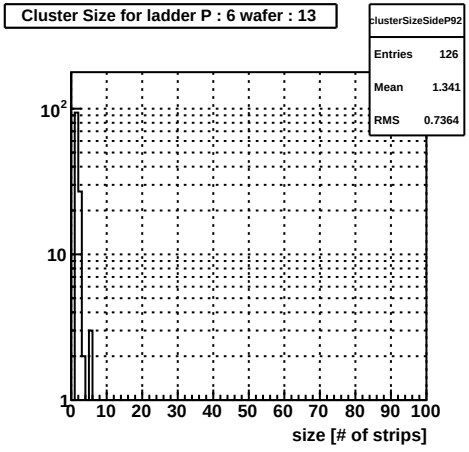

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 7
Mean 2.714
RMS 1.03
size [# of strips]

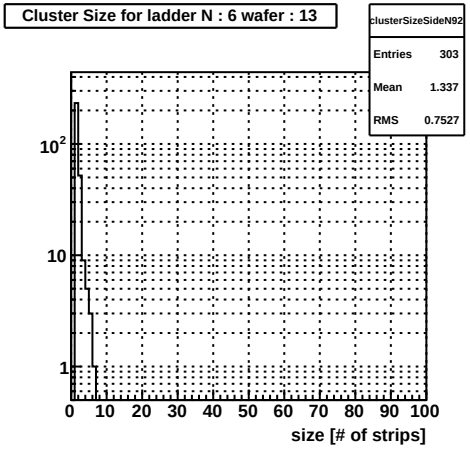

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1520
Mean 1.198
RMS 0.5278
size [# of strips]

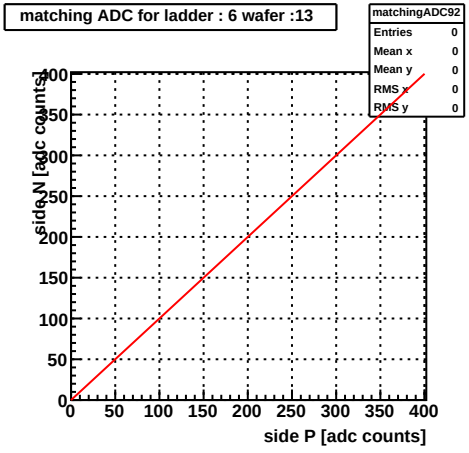

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 7
Mean x 130.2
Mean y 106.2
RMS x 70.71
RMS y 77.07
side N [adc counts]
side P [adc counts]

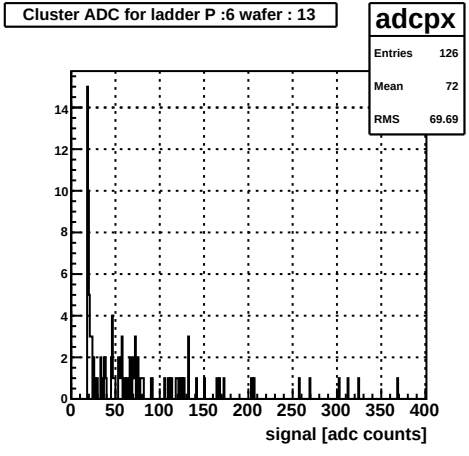

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 7
Mean 112.9
RMS 60.66
signal [adc counts]

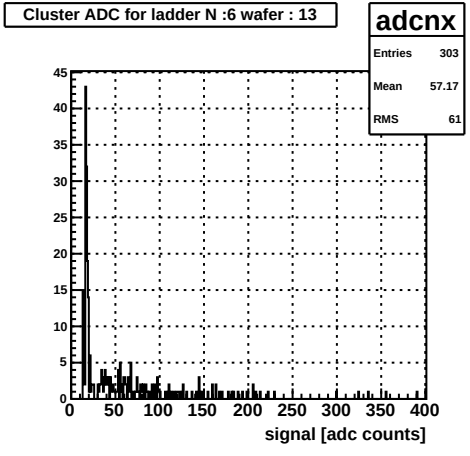

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1520
Mean 41.46
RMS 51.67
signal [adc counts]

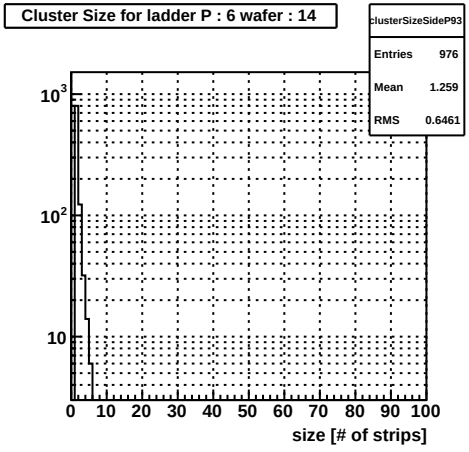

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 126
Mean 1.341
RMS 0.7364
size [# of strips]

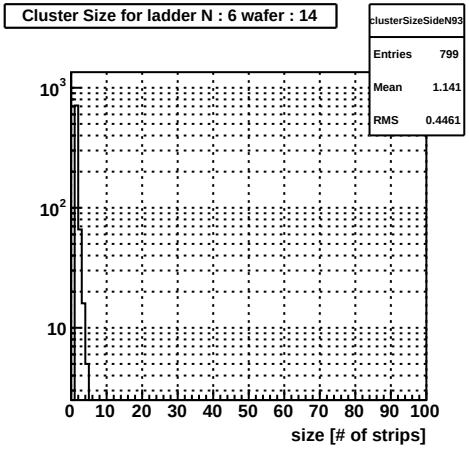

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 303
Mean 1.337
RMS 0.7527
size [# of strips]

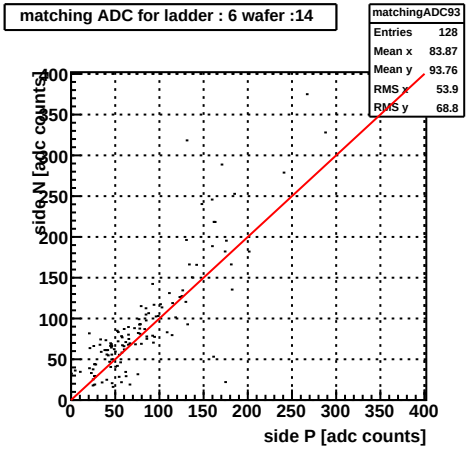

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

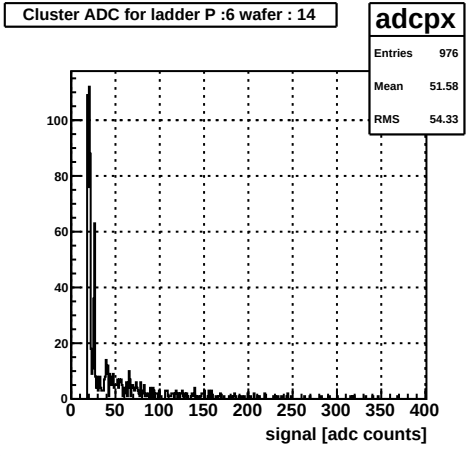

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 126
Mean 72
RMS 69.69
signal [adc counts]

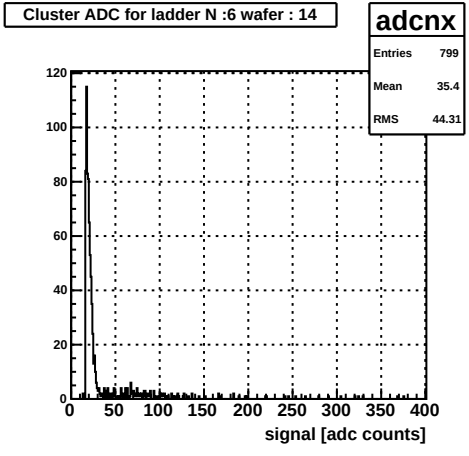

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 303
Mean 57.17
RMS 61
signal [adc counts]

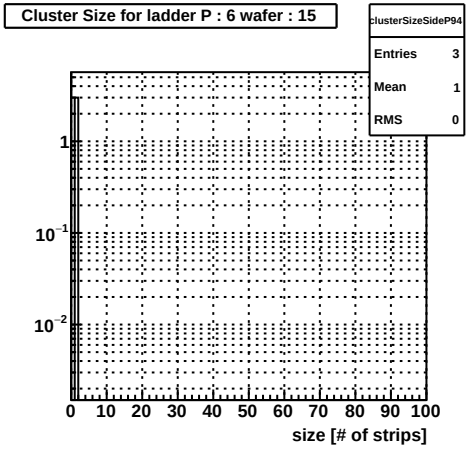

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 976
Mean 1.259
RMS 0.6461
size [# of strips]

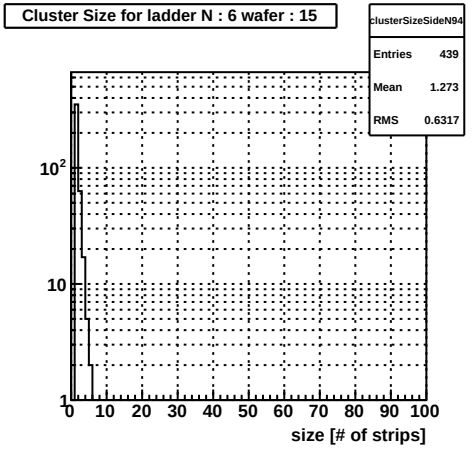

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 799
Mean 1.141
RMS 0.4461
size [# of strips]

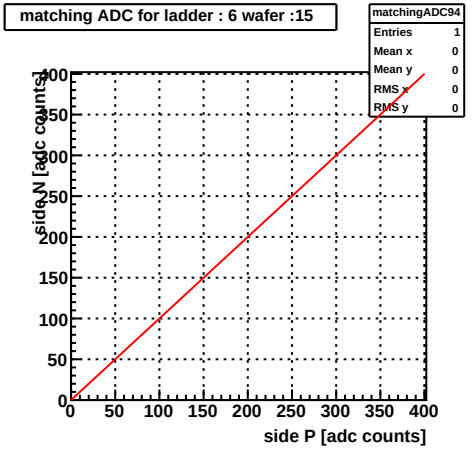

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 128
Mean x 83.87
Mean y 93.76
RMS x 53.9
RMS y 68.8
side N [adc counts]
side P [adc counts]

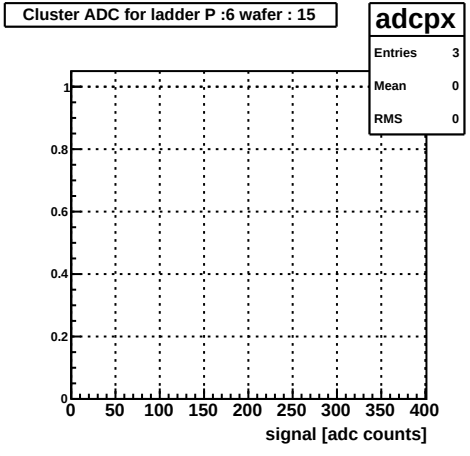

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 976
Mean 51.58
RMS 54.33
signal [adc counts]

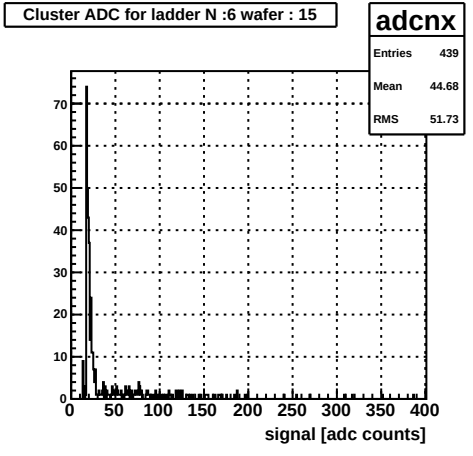

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 799
Mean 35.4
RMS 44.31
signal [adc counts]

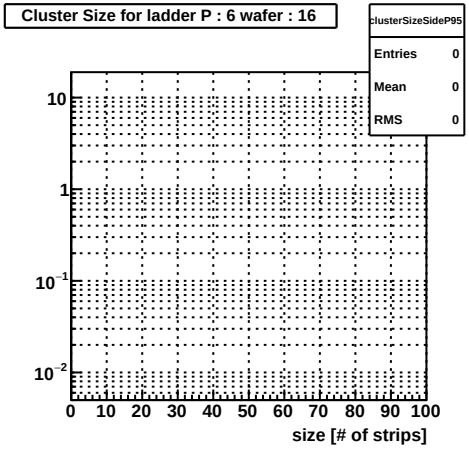

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

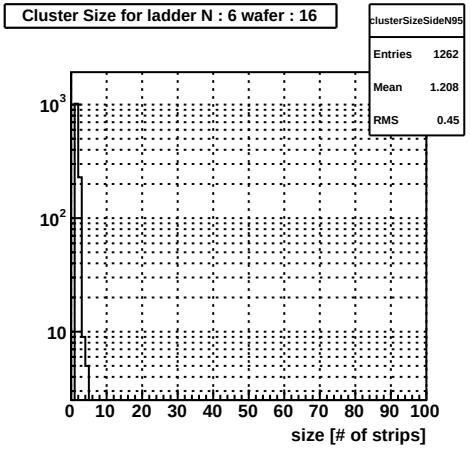

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 439
Mean 1.273
RMS 0.6317
size [# of strips]

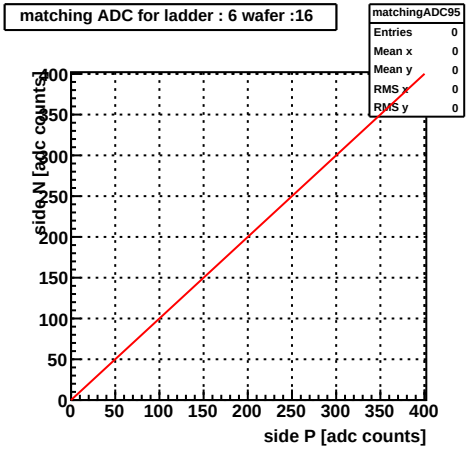

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

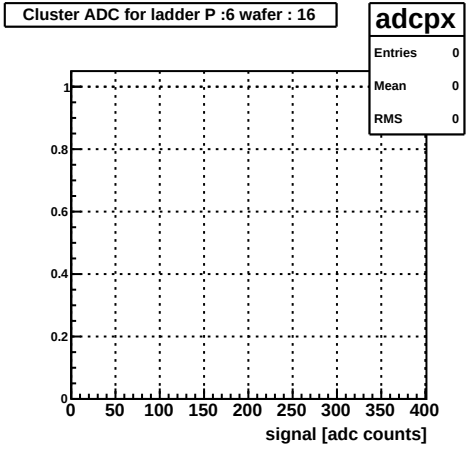

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

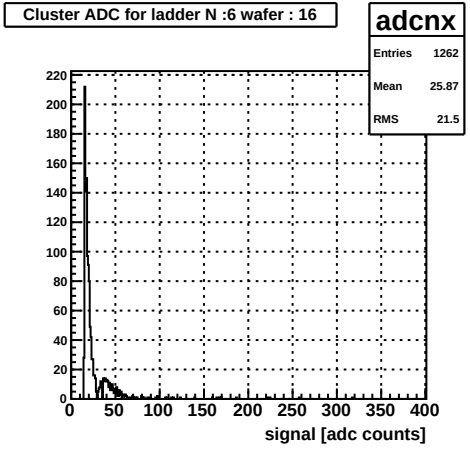

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 439
Mean 44.68
RMS 51.73
signal [adc counts]

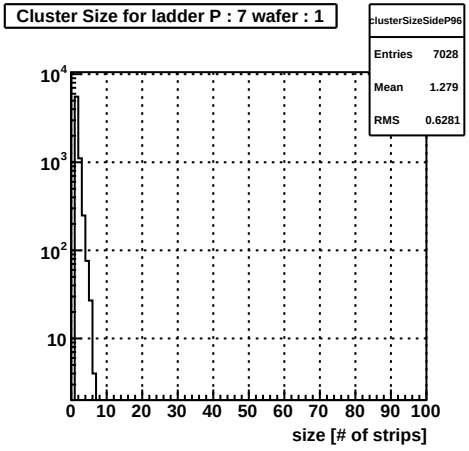

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

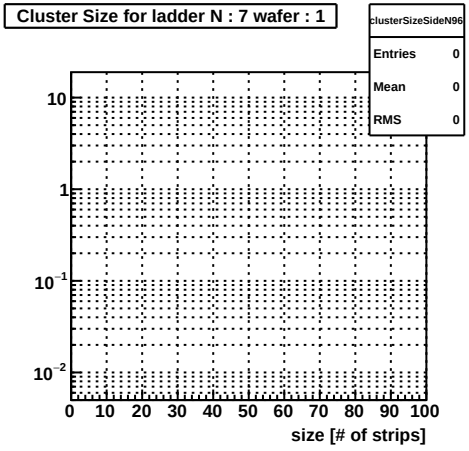

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1262
Mean 1.208
RMS 0.45
size [# of strips]

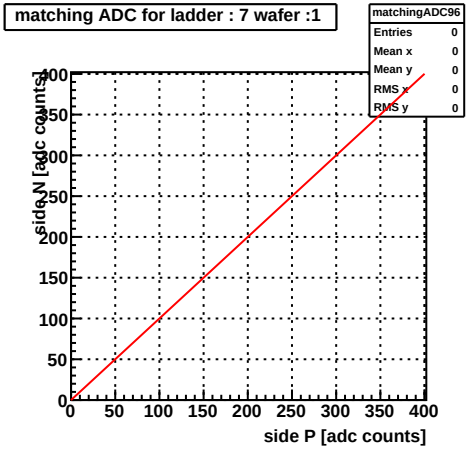

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

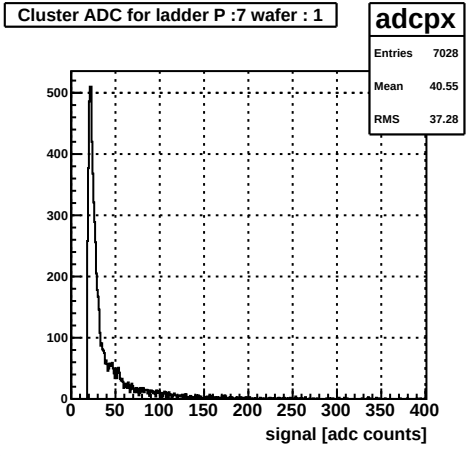

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

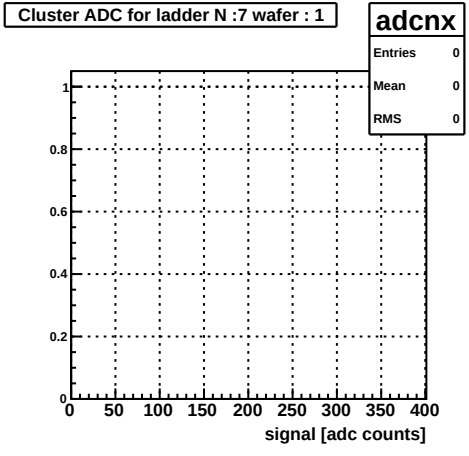

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1262
Mean 25.87
RMS 21.5
signal [adc counts]

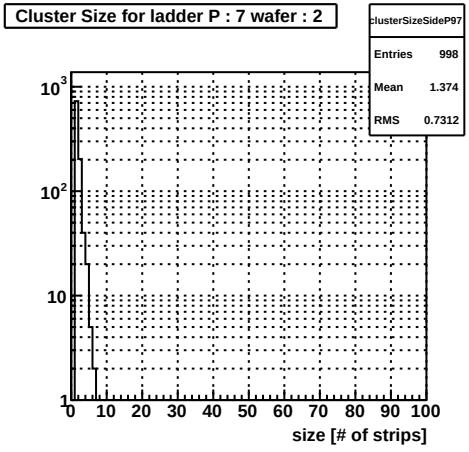

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 7028
Mean 1.279
RMS 0.6281
size [# of strips]

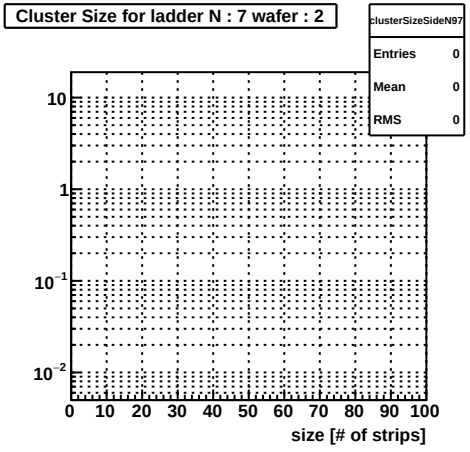

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

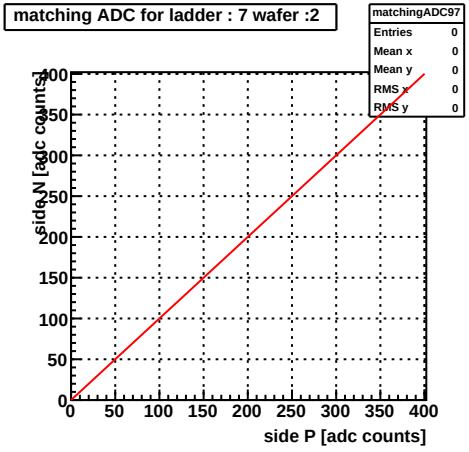

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

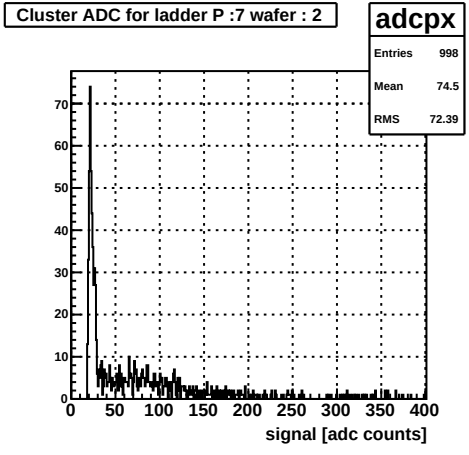

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 7028
Mean 40.55
RMS 37.28
signal [adc counts]

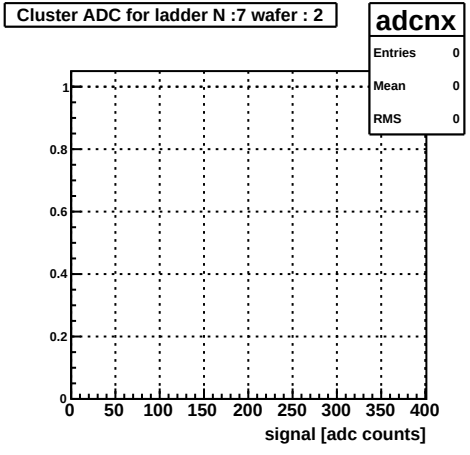

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

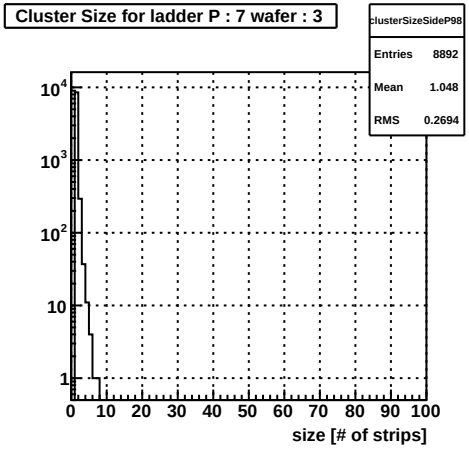

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 998
Mean 1.374
RMS 0.7312
size [# of strips]

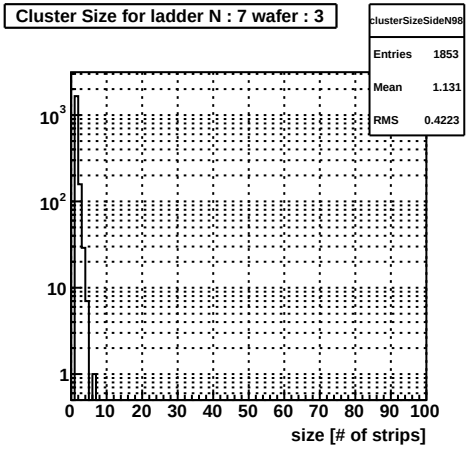

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

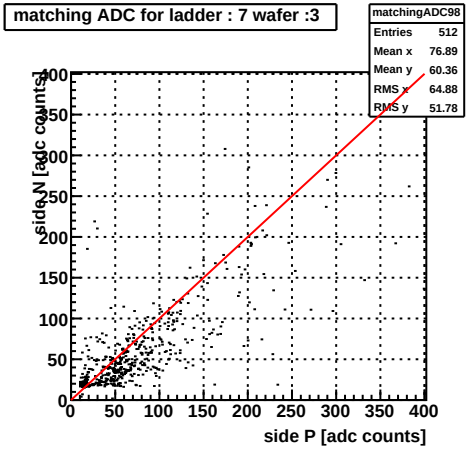

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

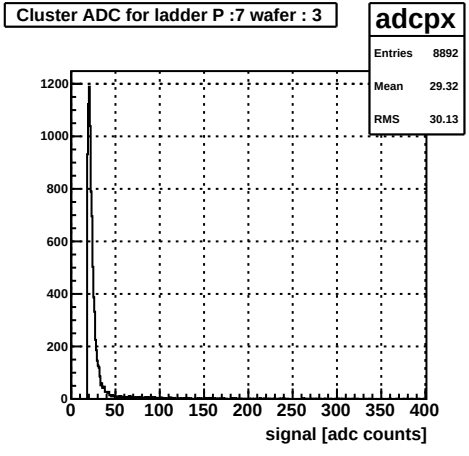

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 998
Mean 74.5
RMS 72.39
signal [adc counts]

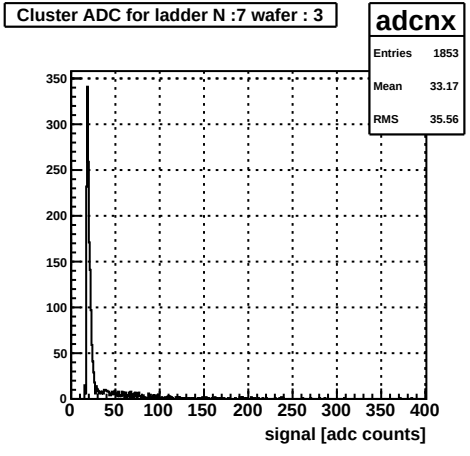

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

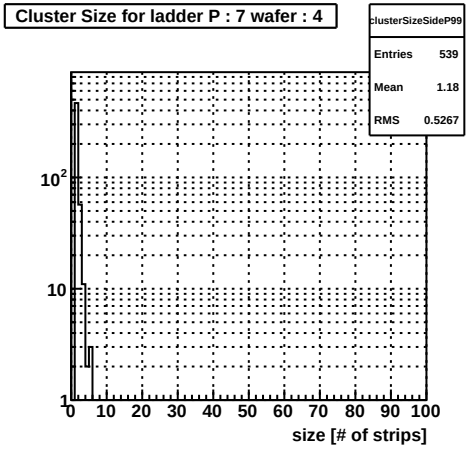

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 8892
Mean 1.048
RMS 0.2694
size [# of strips]

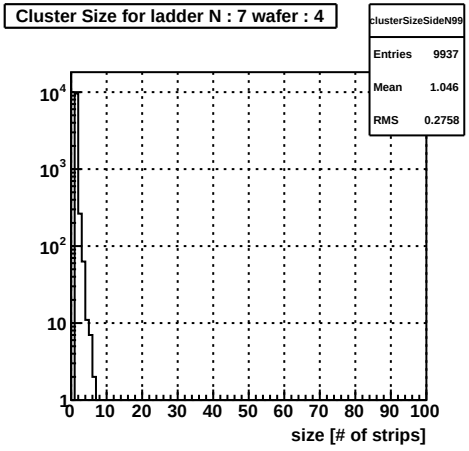

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1853
Mean 1.131
RMS 0.4223
size [# of strips]

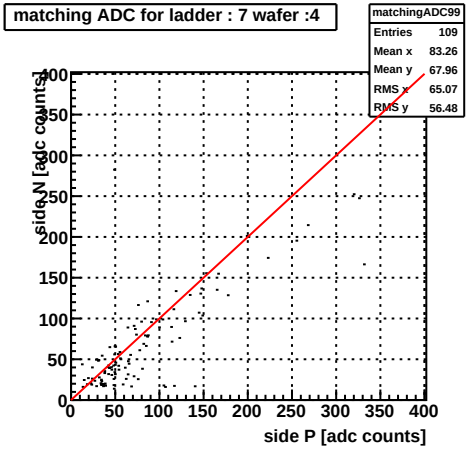

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 512
Mean x 76.89
Mean y 60.36
RMS x 64.88
RMS y 51.78
side N [adc counts]
side P [adc counts]

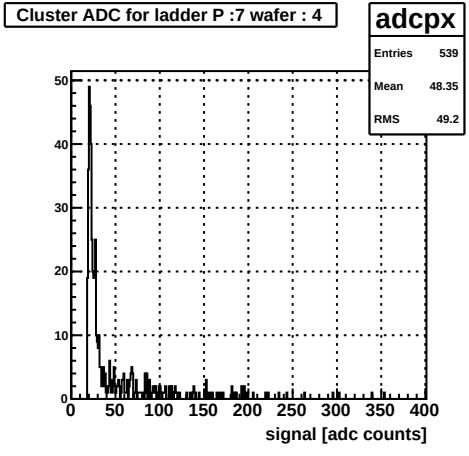

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 8892
Mean 29.32
RMS 30.13
signal [adc counts]

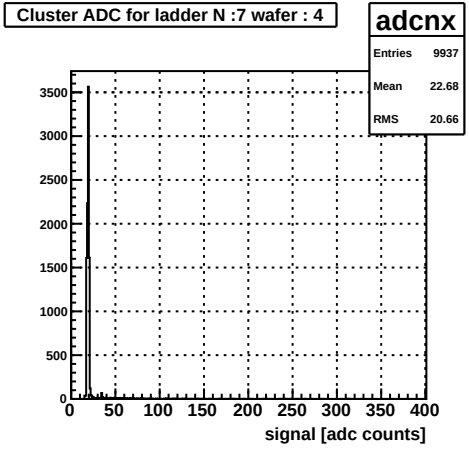

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1853
Mean 33.17
RMS 35.56
signal [adc counts]

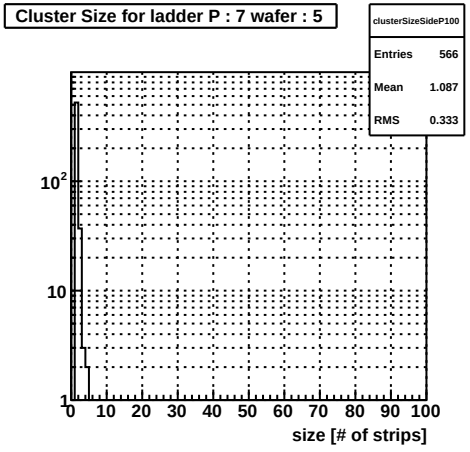

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 539
Mean 1.18
RMS 0.5267
size [# of strips]

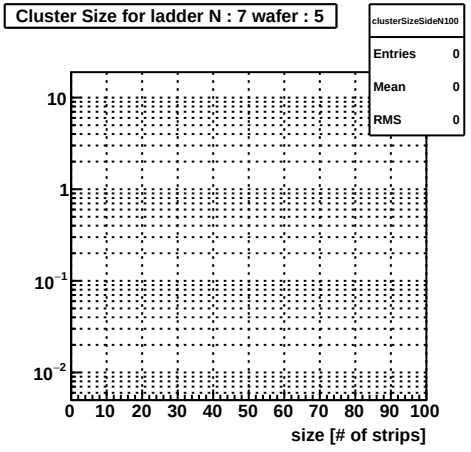

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9937
Mean 1.046
RMS 0.2758
size [# of strips]

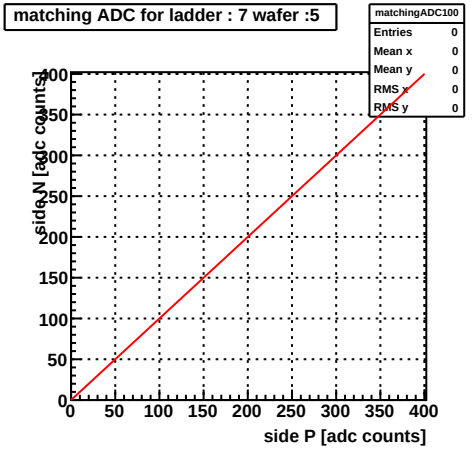

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 109
Mean x 83.26
Mean y 67.96
RMS x 65.07
RMS y 56.48
side N [adc counts]
side P [adc counts]

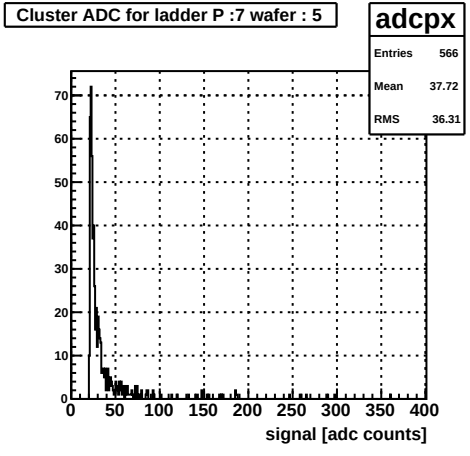

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 539
Mean 48.35
RMS 49.2
signal [adc counts]

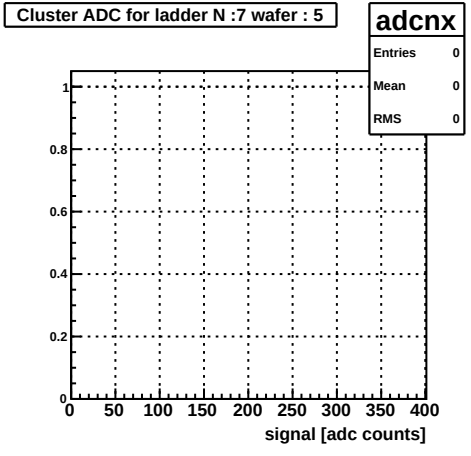

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9937
Mean 22.68
RMS 20.66
signal [adc counts]

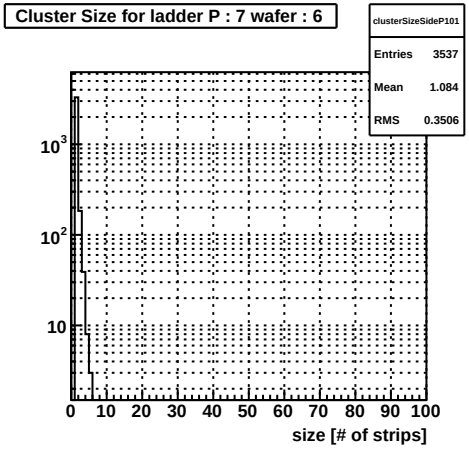

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 566
Mean 1.087
RMS 0.333
size [# of strips]

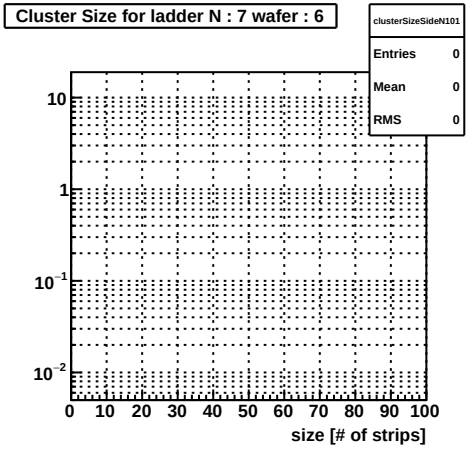

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

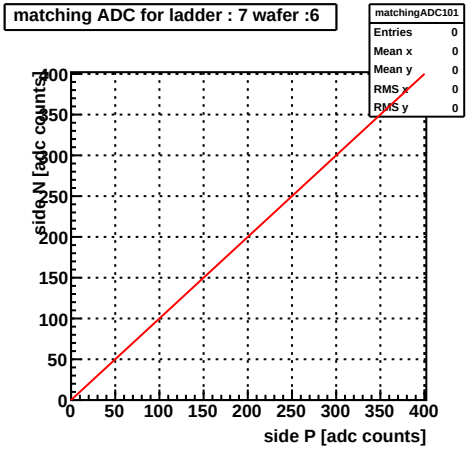

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

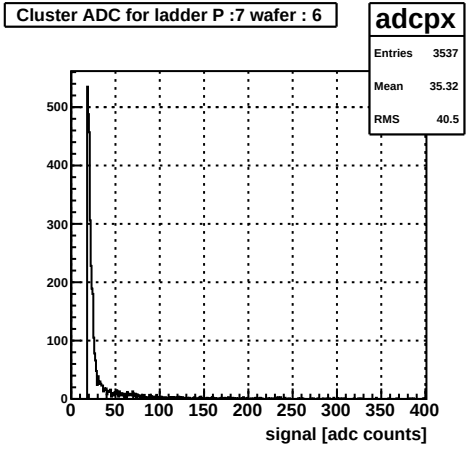

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 566
Mean 37.72
RMS 36.31
signal [adc counts]

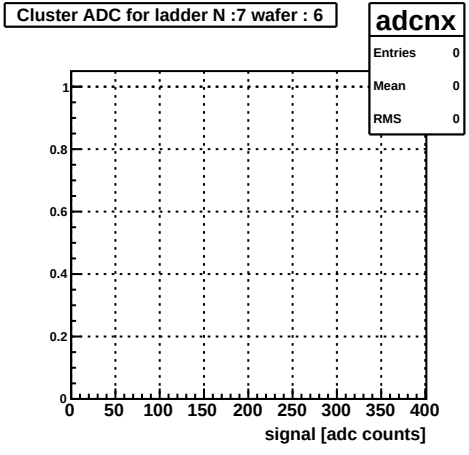

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

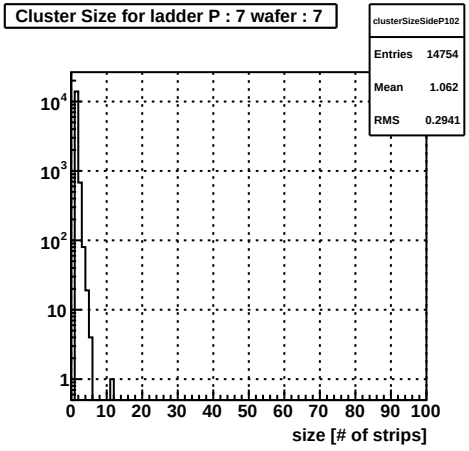

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3537
Mean 1.084
RMS 0.3506
size [# of strips]

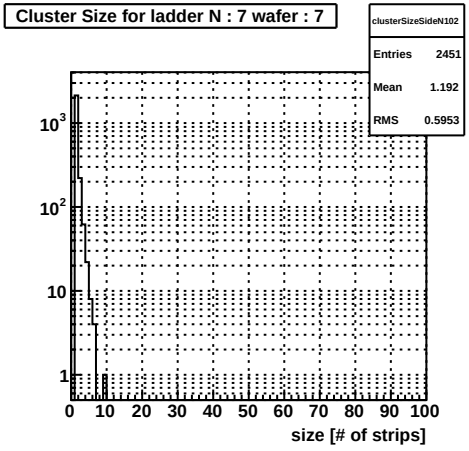

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

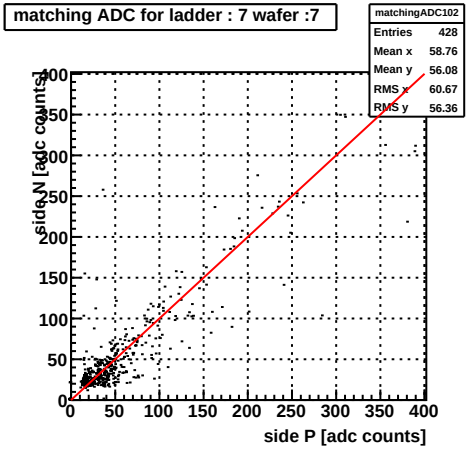

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

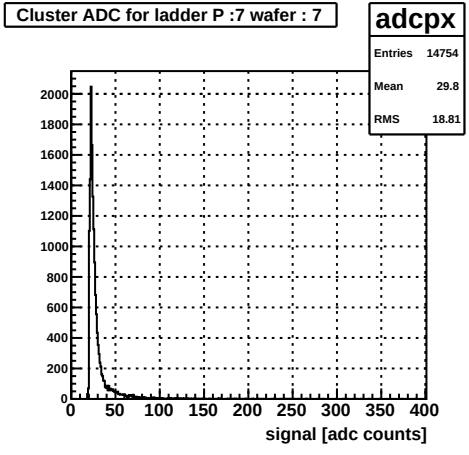

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3537
Mean 35.32
RMS 40.5
signal [adc counts]

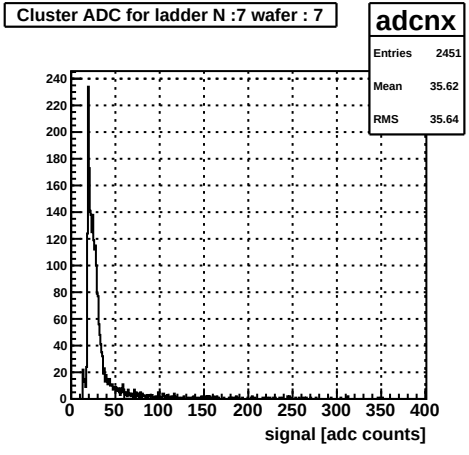

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

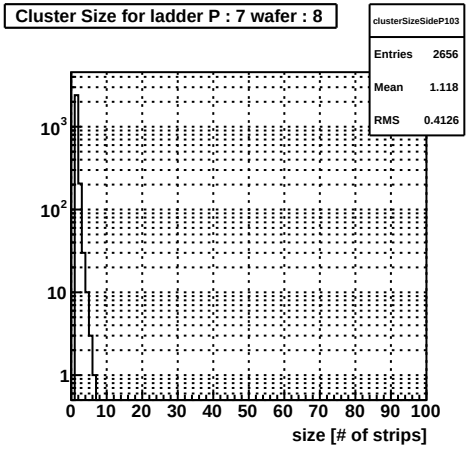

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14754
Mean 1.062
RMS 0.2941
size [# of strips]

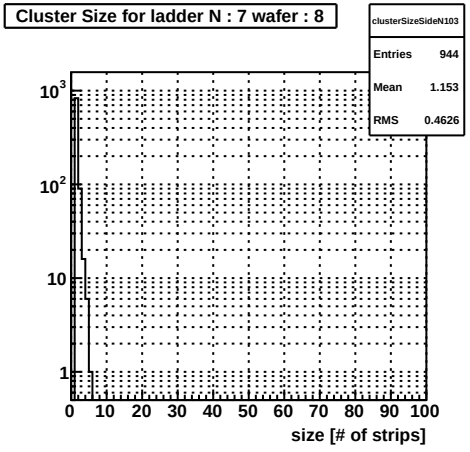

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2451
Mean 1.192
RMS 0.5953
size [# of strips]

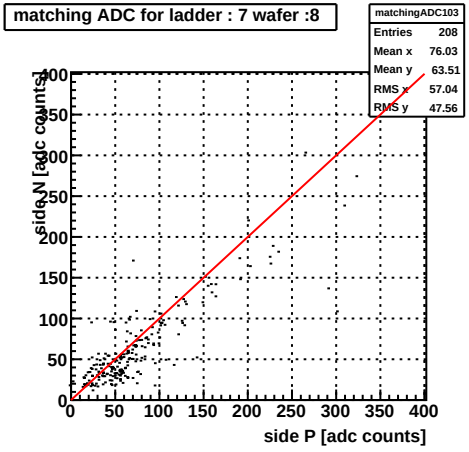

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 428
Mean x 58.76
Mean y 56.08
RMS x 60.67
RMS y 56.36
side N [adc counts]
side P [adc counts]

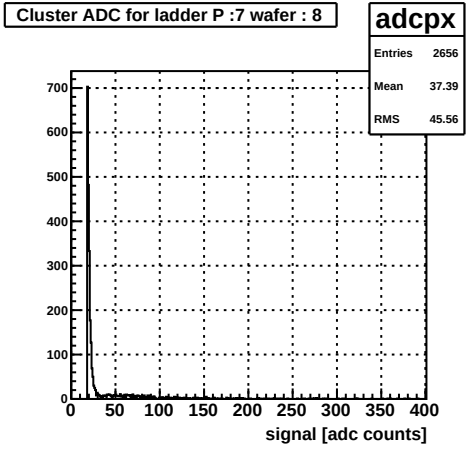

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14754
Mean 29.8
RMS 18.81
signal [adc counts]

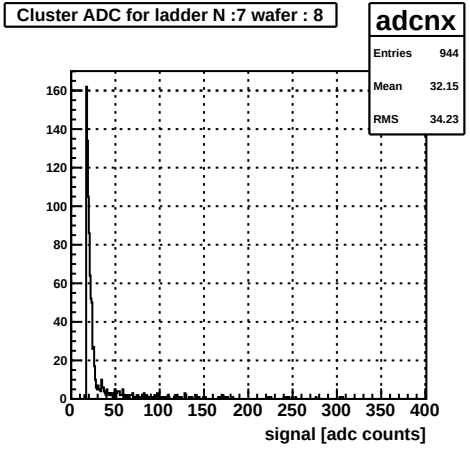

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2451
Mean 35.62
RMS 35.64
signal [adc counts]

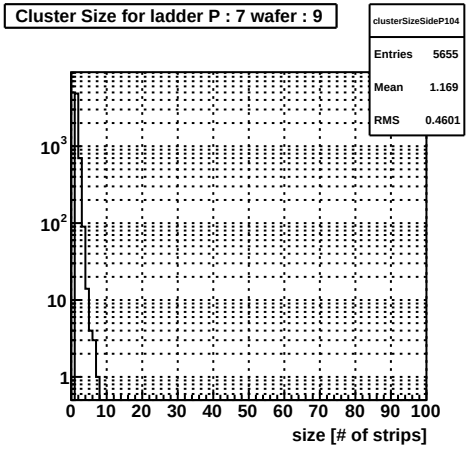

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2656
Mean 1.118
RMS 0.4126
size [# of strips]

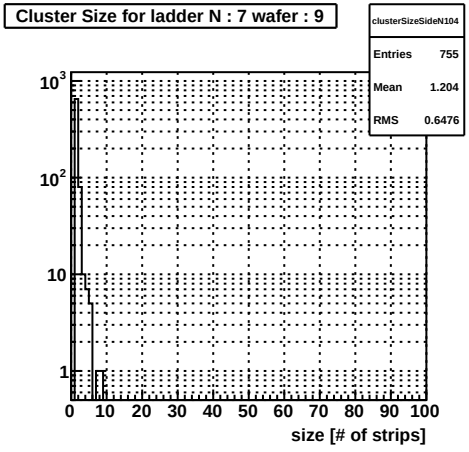

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 944
Mean 1.153
RMS 0.4626
size [# of strips]

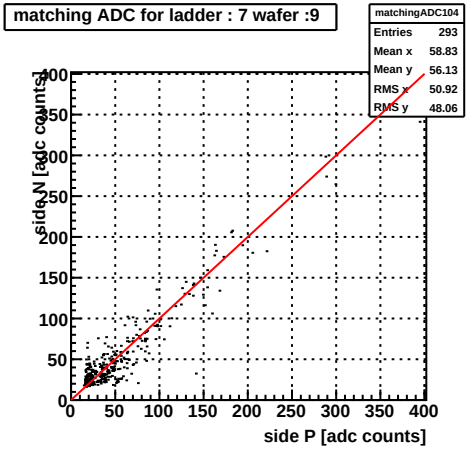

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 208
Mean x 76.03
Mean y 63.51
RMS x 57.04
RMS y 47.56
side N [adc counts]
side P [adc counts]

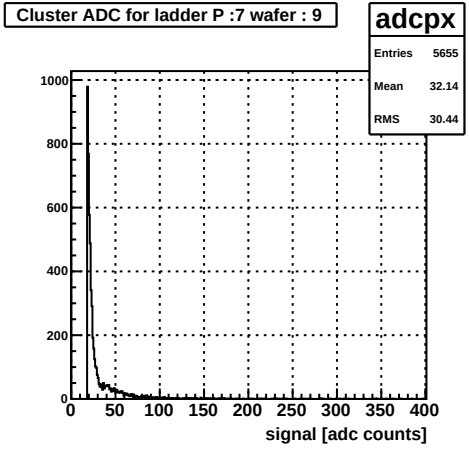

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2656
Mean 37.39
RMS 45.56
signal [adc counts]

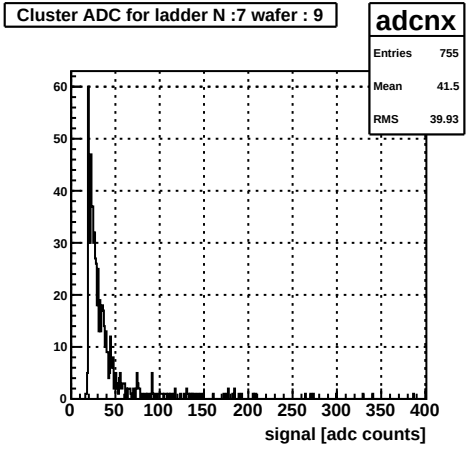

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 944
Mean 32.15
RMS 34.23
signal [adc counts]

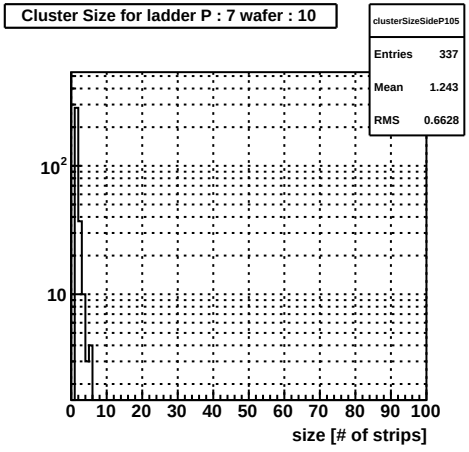

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5655
Mean 1.169
RMS 0.4601
size [# of strips]

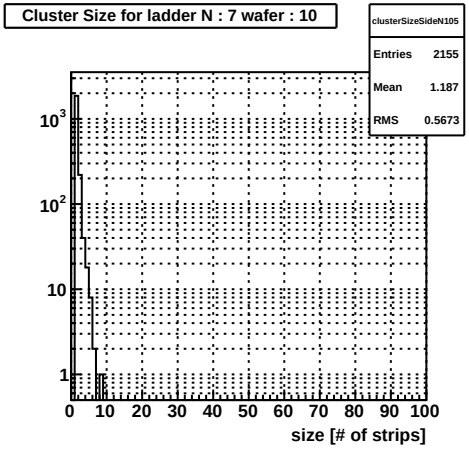

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 755
Mean 1.204
RMS 0.6476
size [# of strips]

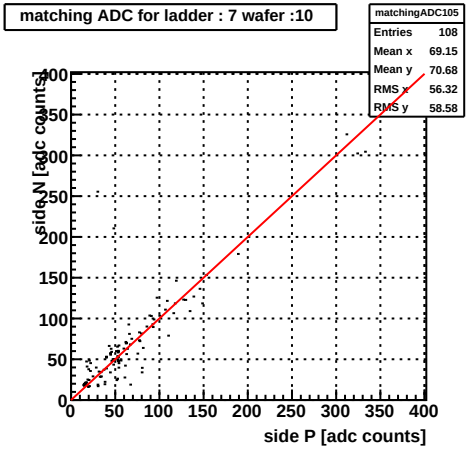

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 293
Mean x 58.83
Mean y 56.13
RMS x 50.92
RMS y 48.06
side N [adc counts]
side P [adc counts]

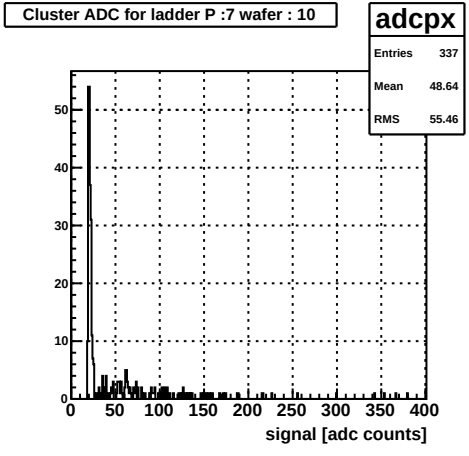

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5655
Mean 32.14
RMS 30.44
signal [adc counts]

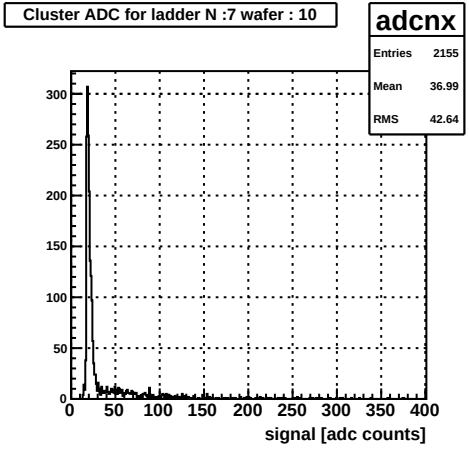

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 755
Mean 41.5
RMS 39.93
signal [adc counts]

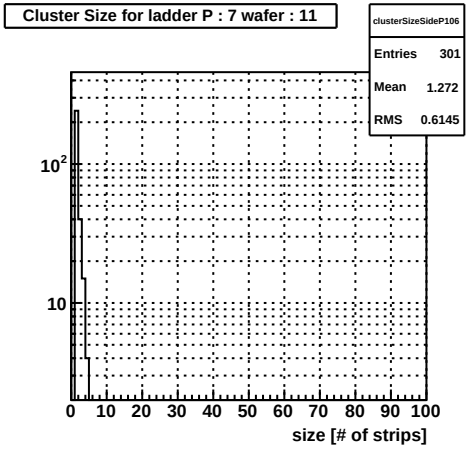

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 337
Mean 1.243
RMS 0.6628
size [# of strips]

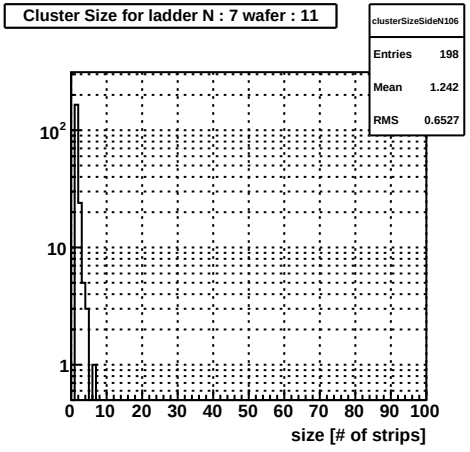

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2155
Mean 1.187
RMS 0.5673
size [# of strips]

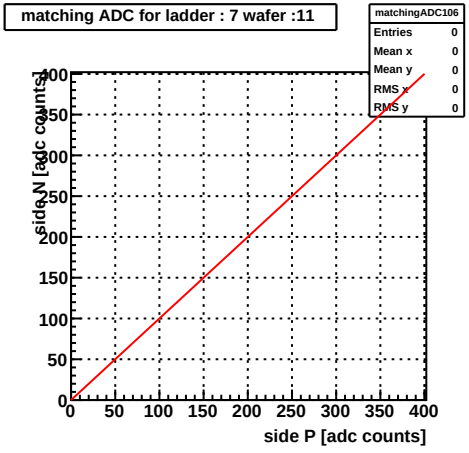

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 108
Mean x 69.15
Mean y 70.68
RMS x 56.32
RMS y 58.58
side N [adc counts]
side P [adc counts]

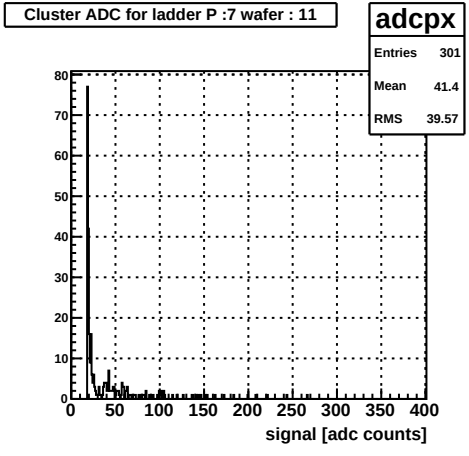

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 337
Mean 48.64
RMS 55.46
signal [adc counts]

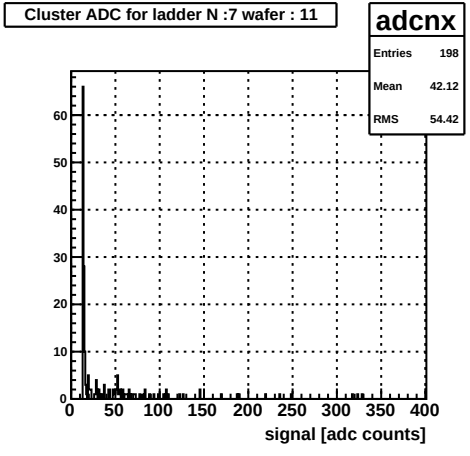

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2155
Mean 36.99
RMS 42.64
signal [adc counts]

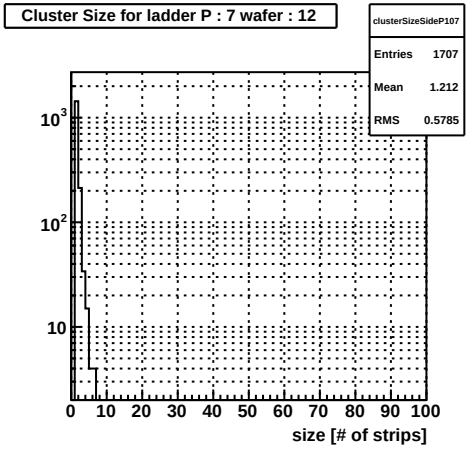

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 301
Mean 1.272
RMS 0.6145
size [# of strips]

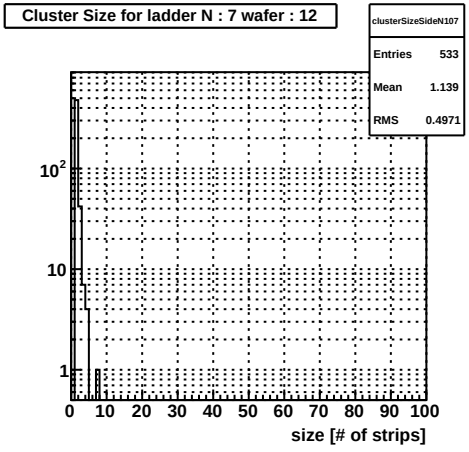

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 198
Mean 1.242
RMS 0.6527
size [# of strips]

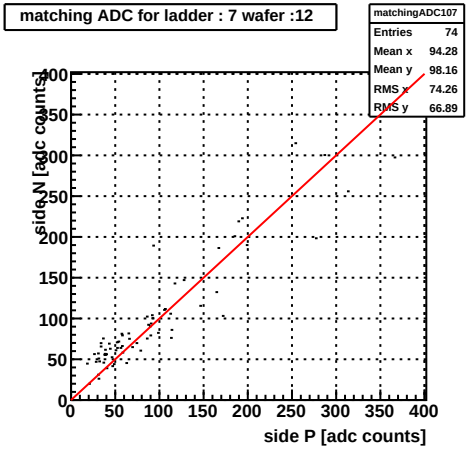

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

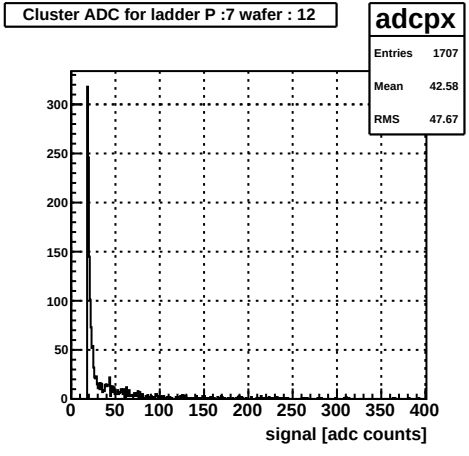

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 301
Mean 41.4
RMS 39.57
signal [adc counts]

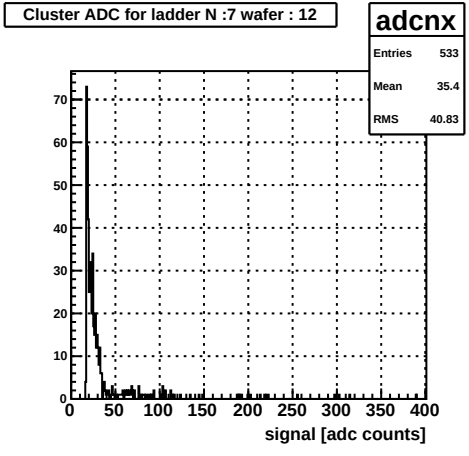

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 198
Mean 42.12
RMS 54.42
signal [adc counts]

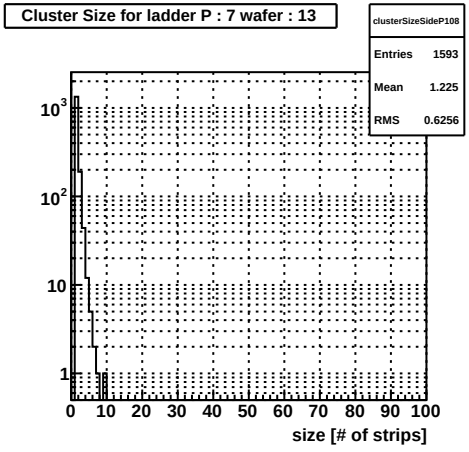

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1707
Mean 1.212
RMS 0.5785
size [# of strips]

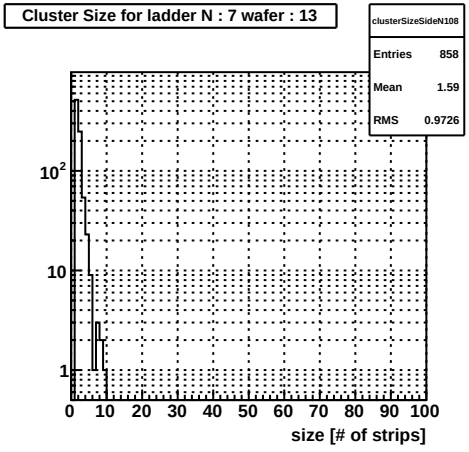

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 533
Mean 1.139
RMS 0.4971
size [# of strips]

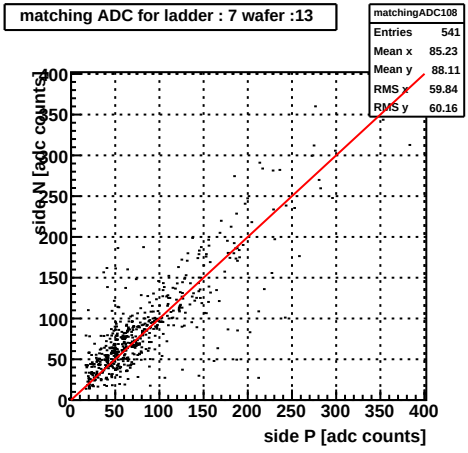

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 74
Mean x 94.28
Mean y 98.16
RMS x 74.26
RMS y 66.89
side N [adc counts]
side P [adc counts]

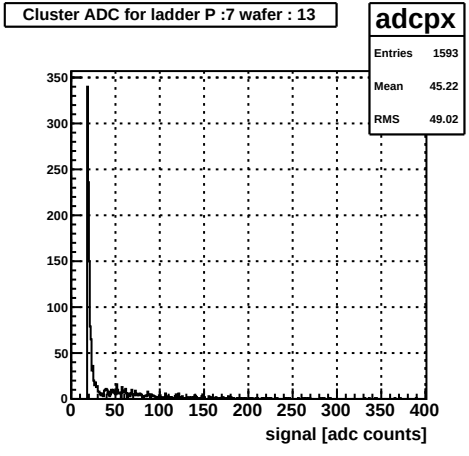

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1707
Mean 42.58
RMS 47.67
signal [adc counts]

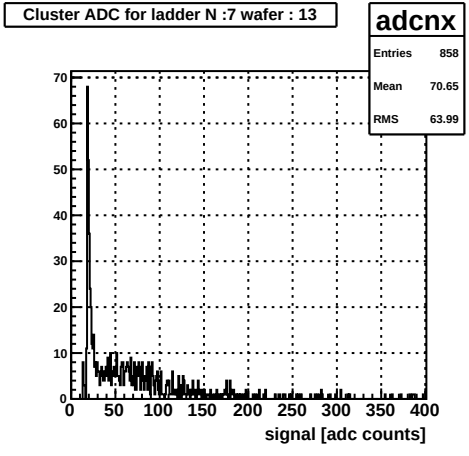

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 533
Mean 35.4
RMS 40.83
signal [adc counts]

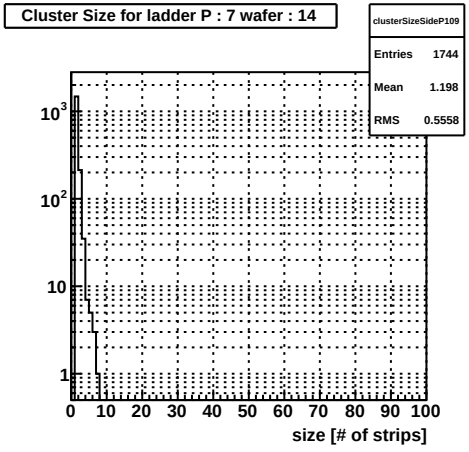

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1593
Mean 1.225
RMS 0.6256
size [# of strips]

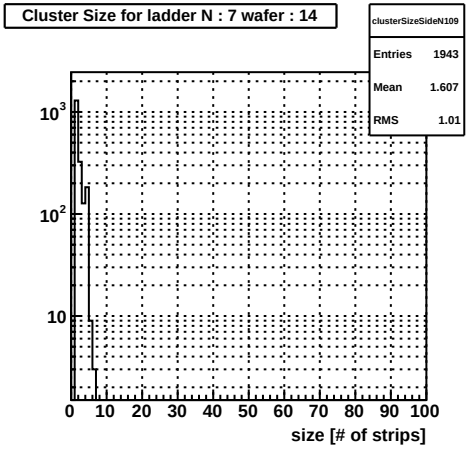

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 858
Mean 1.59
RMS 0.9726
size [# of strips]

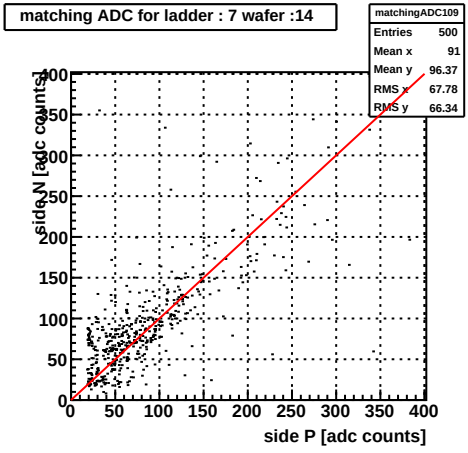

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 541
Mean x 85.23
Mean y 88.11
RMS x 59.84
RMS y 60.16
side N [adc counts]
side P [adc counts]

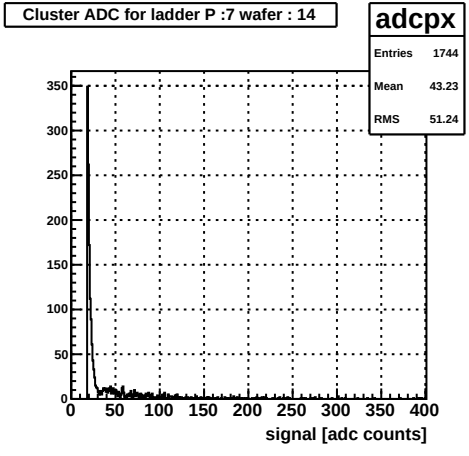

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1593
Mean 45.22
RMS 49.02
signal [adc counts]

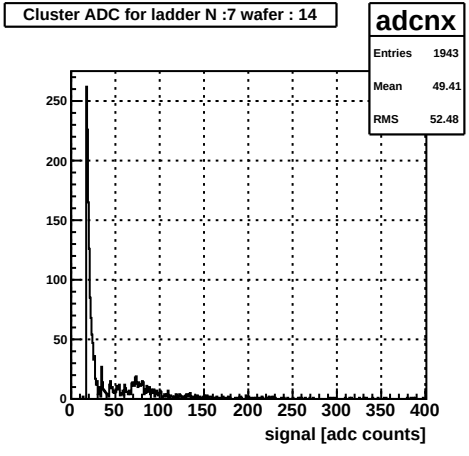

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 858
Mean 70.65
RMS 63.99
signal [adc counts]

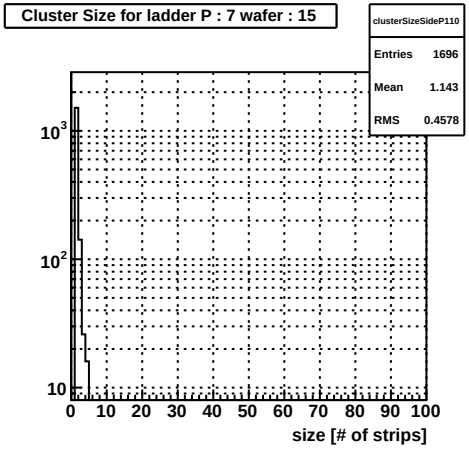

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1744
Mean 1.198
RMS 0.5558
size [# of strips]

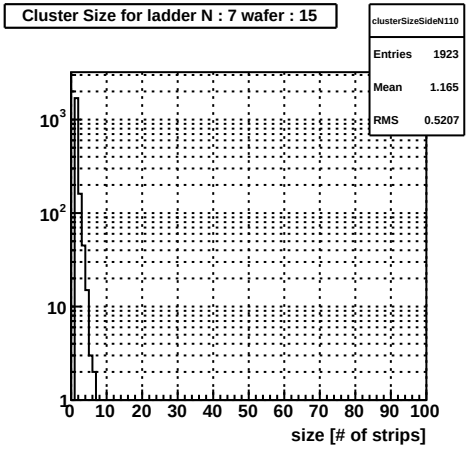

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1943
Mean 1.607
RMS 1.01
size [# of strips]

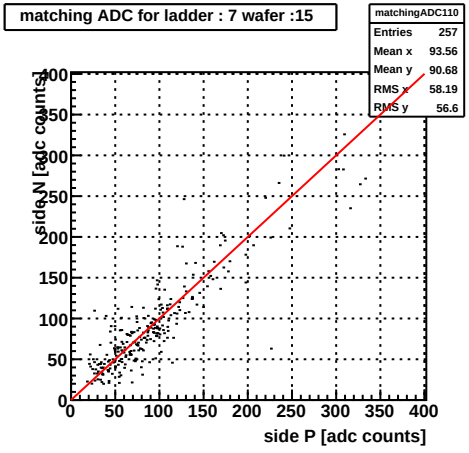

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 500
Mean x 91
Mean y 96.37
RMS x 67.78
RMS y 66.34
side N [adc counts]
side P [adc counts]

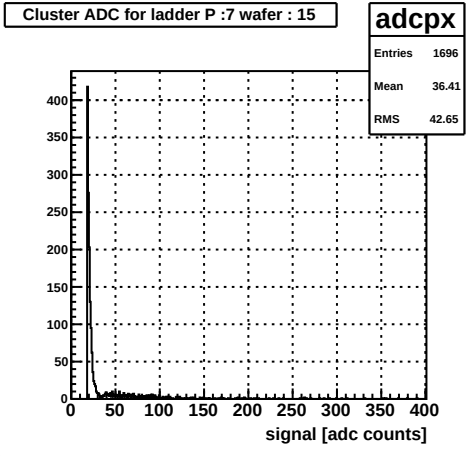

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1744
Mean 43.23
RMS 51.24
signal [adc counts]

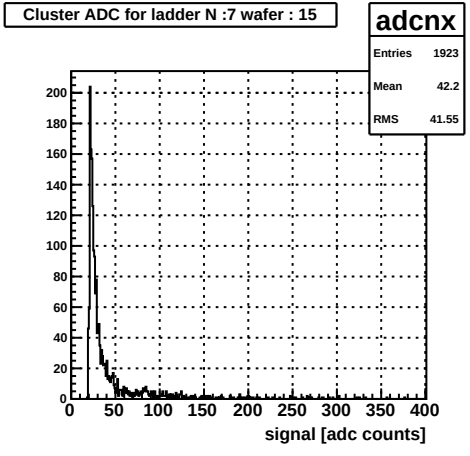

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1943
Mean 49.41
RMS 52.48
signal [adc counts]

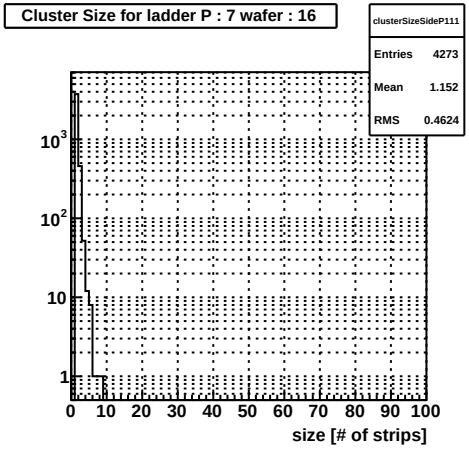

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1696
Mean 1.143
RMS 0.4578
size [# of strips]

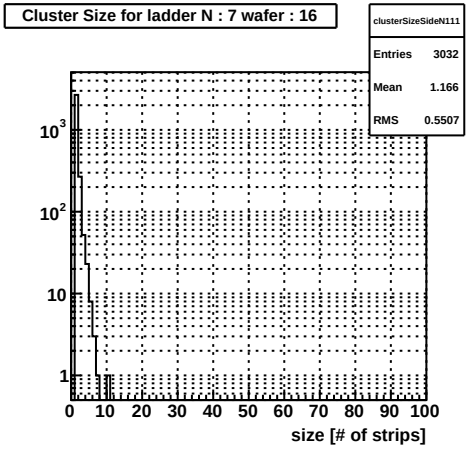

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1923
Mean 1.165
RMS 0.5207
size [# of strips]

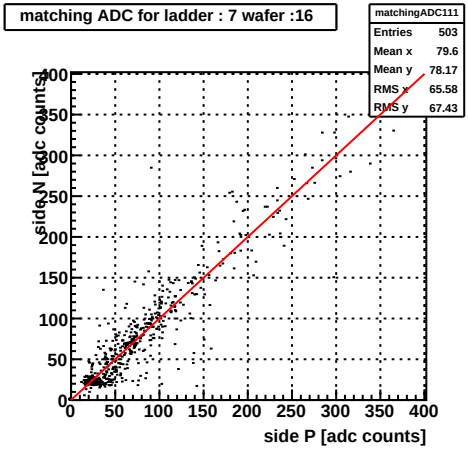

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 257
Mean x 93.56
Mean y 90.68
RMS x 58.19
RMS y 56.6
side N [adc counts]
side P [adc counts]

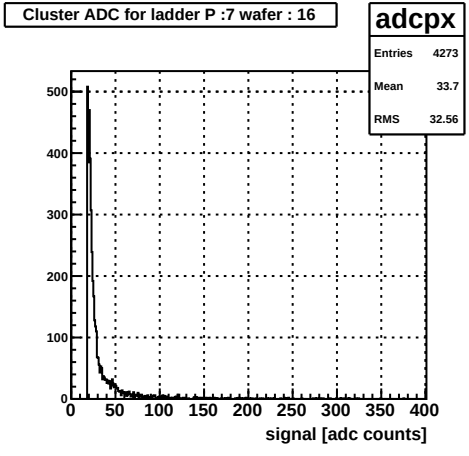

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1696
Mean 36.41
RMS 42.65
signal [adc counts]

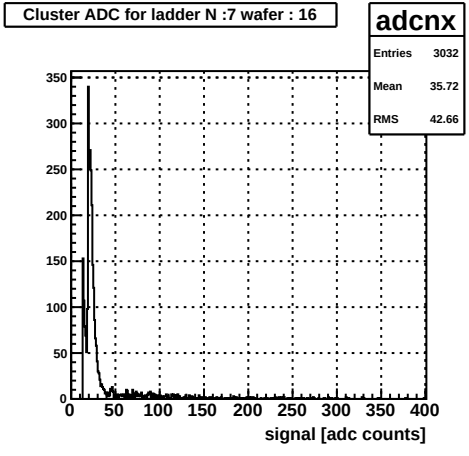

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1923
Mean 42.2
RMS 41.55
signal [adc counts]

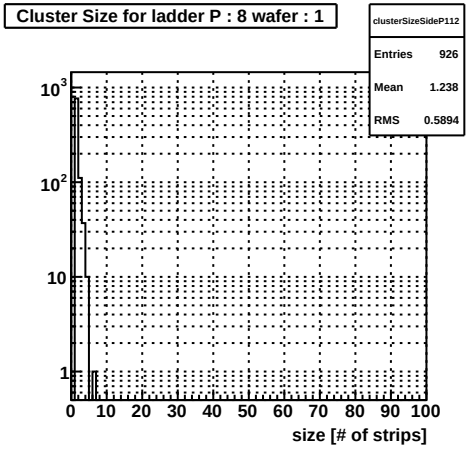

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4273
Mean 1.152
RMS 0.4624
size [# of strips]

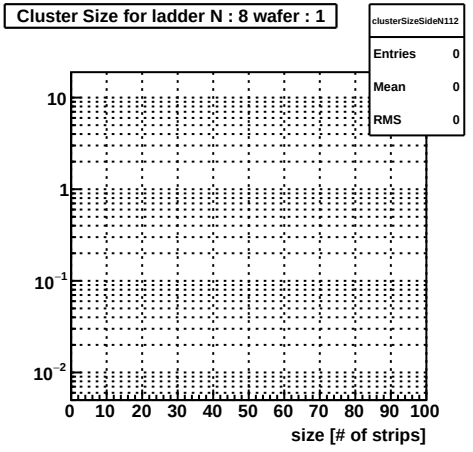

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3032
Mean 1.166
RMS 0.5507
size [# of strips]

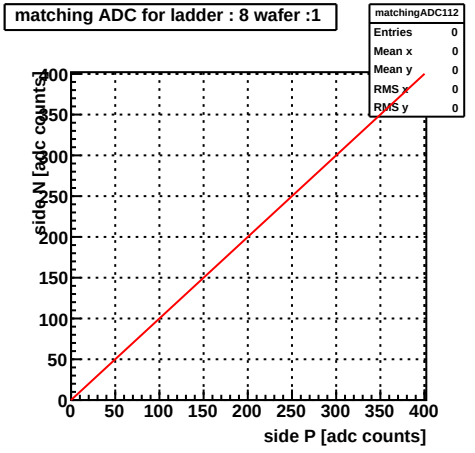

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 503
Mean x 79.6
Mean y 78.17
RMS x 65.58
RMS y 67.43
side N [adc counts]
side P [adc counts]

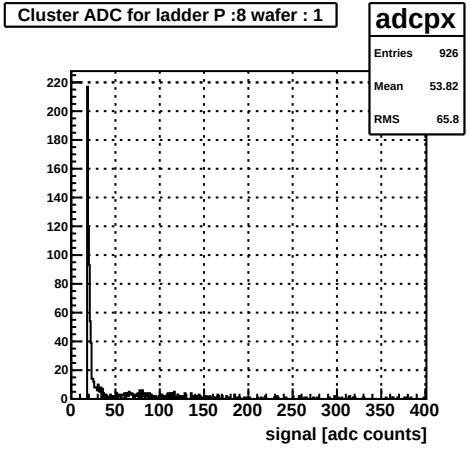

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4273
Mean 33.7
RMS 32.56
signal [adc counts]

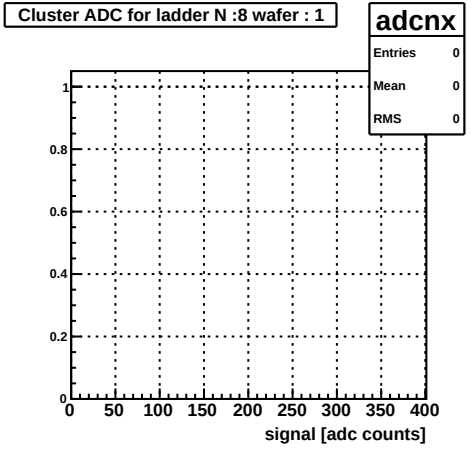

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3032
Mean 35.72
RMS 42.66
signal [adc counts]

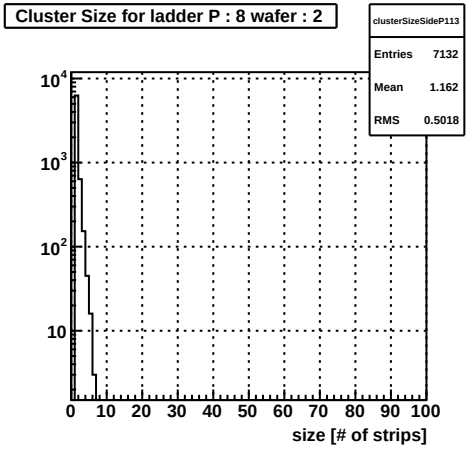

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 926
Mean 1.238
RMS 0.5894
size [# of strips]

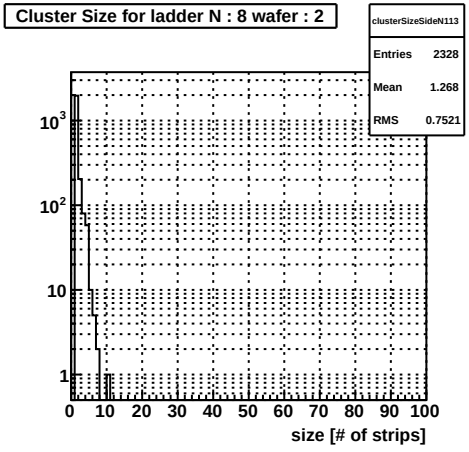

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

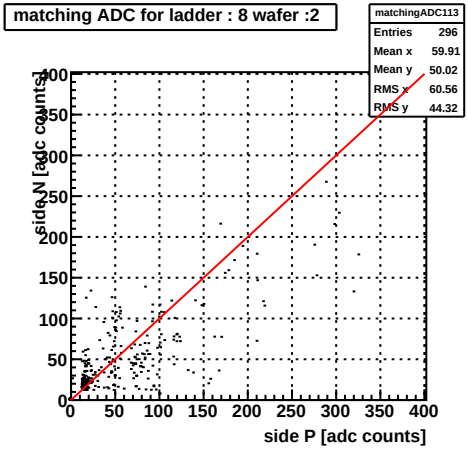

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

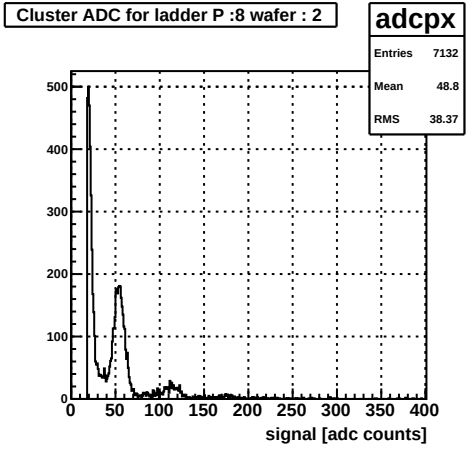

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 926
Mean 53.82
RMS 65.8
signal [adc counts]

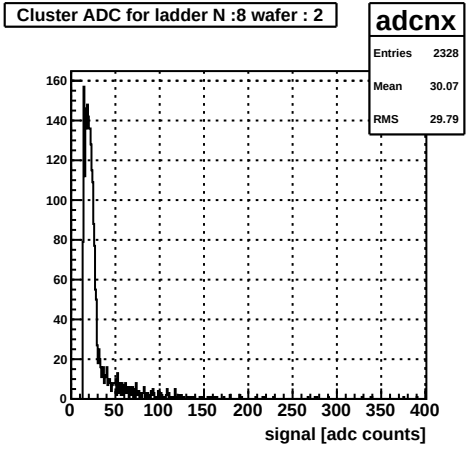

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

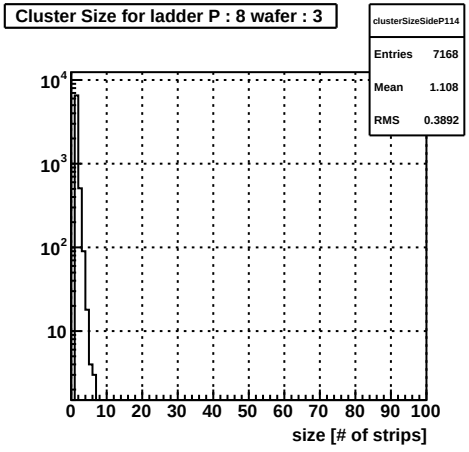

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7132
Mean 1.162
RMS 0.5018
size [# of strips]

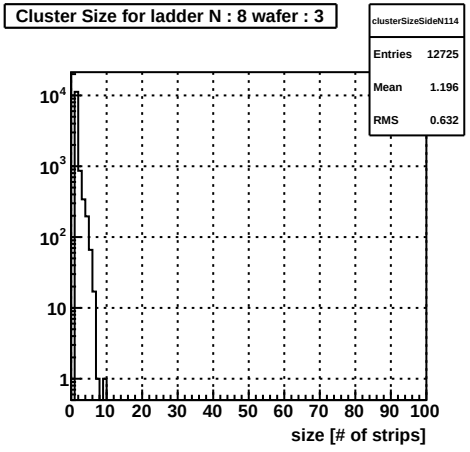

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2328
Mean 1.268
RMS 0.7521
size [# of strips]

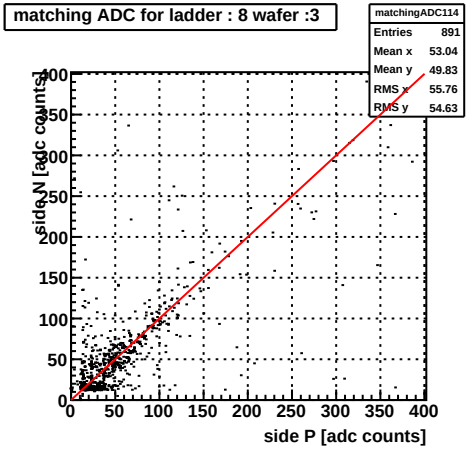

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 296
Mean x 59.91
Mean y 50.02
RMS x 60.56
RMS y 44.32
side N [adc counts]
side P [adc counts]

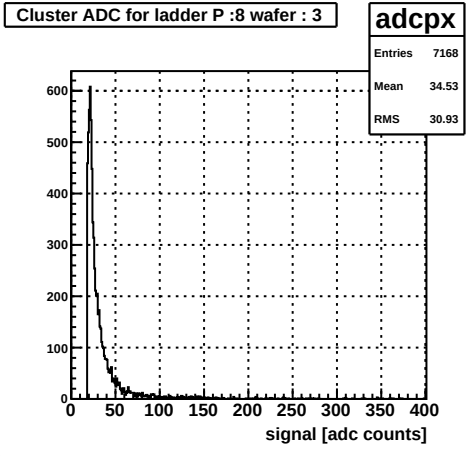

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7132
Mean 48.8
RMS 38.37
signal [adc counts]

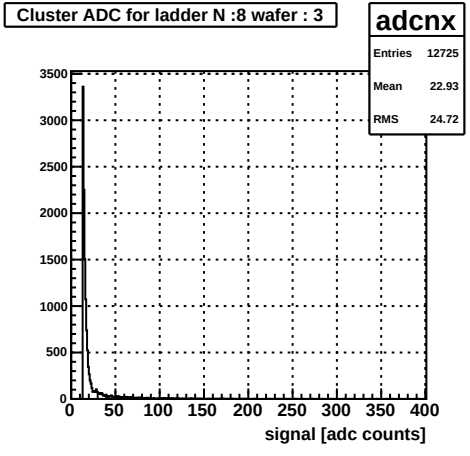

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2328
Mean 30.07
RMS 29.79
signal [adc counts]

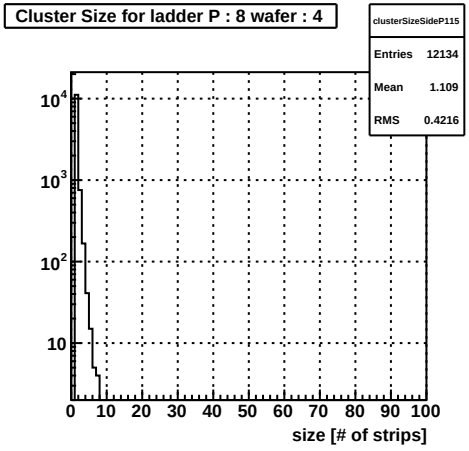

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7168
Mean 1.108
RMS 0.3892
size [# of strips]

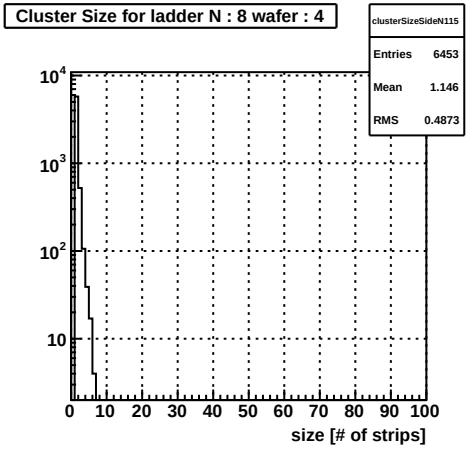

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 12725
Mean 1.196
RMS 0.632
size [# of strips]

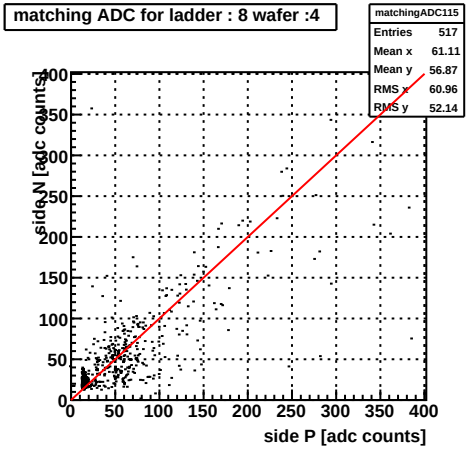

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 891
Mean x 53.04
Mean y 49.83
RMS x 55.76
RMS y 54.63
side N [adc counts]
side P [adc counts]

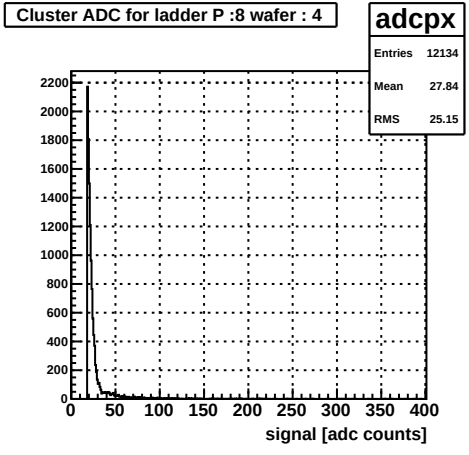

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7168
Mean 34.53
RMS 30.93
signal [adc counts]

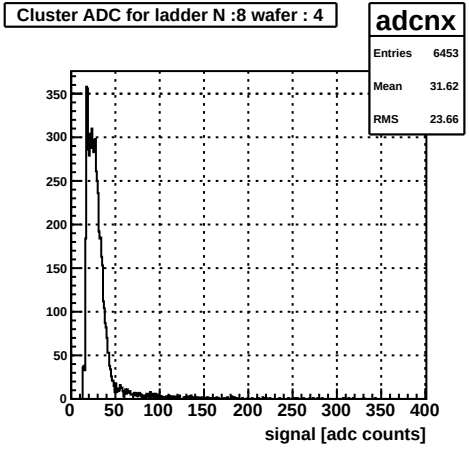

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 12725
Mean 22.93
RMS 24.72
signal [adc counts]

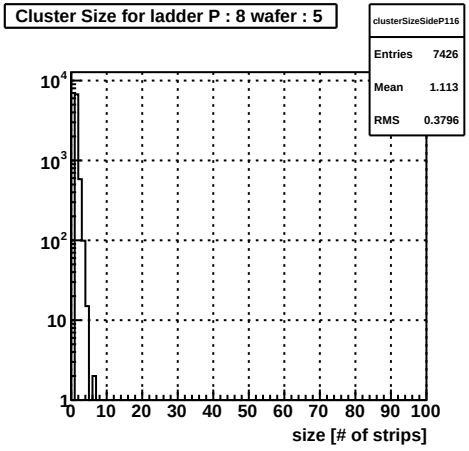

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12134
Mean 1.109
RMS 0.4216
size [# of strips]

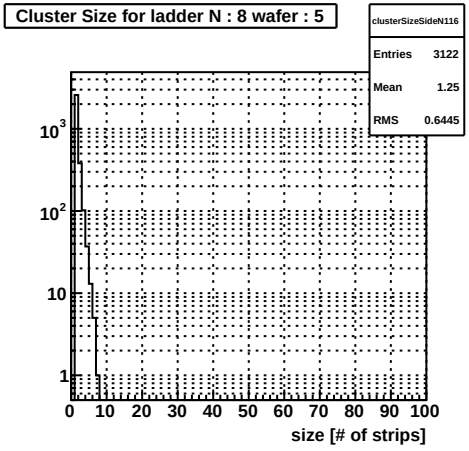

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 6453
Mean 1.146
RMS 0.4873
size [# of strips]

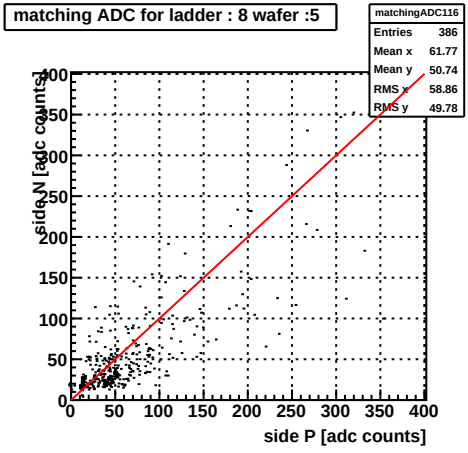

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 517
Mean x 61.11
Mean y 56.87
RMS x 60.96
RMS y 52.14
side N [adc counts]
side P [adc counts]

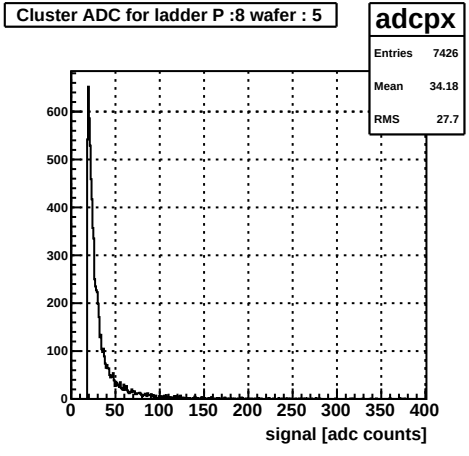

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12134
Mean 27.84
RMS 25.15
signal [adc counts]

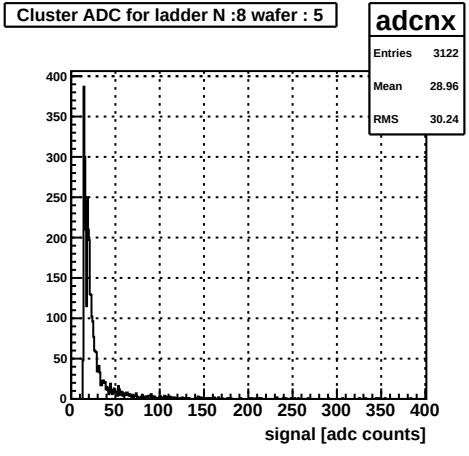

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 6453
Mean 31.62
RMS 23.66
signal [adc counts]

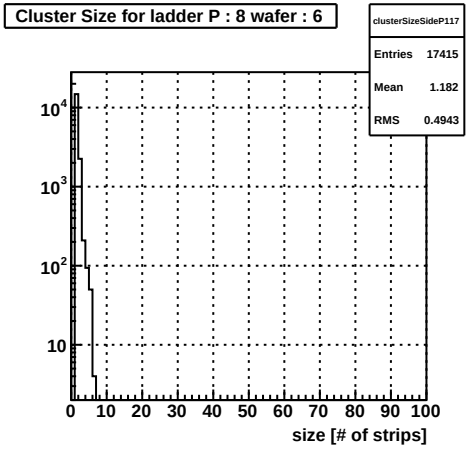

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7426
Mean 1.113
RMS 0.3796
size [# of strips]

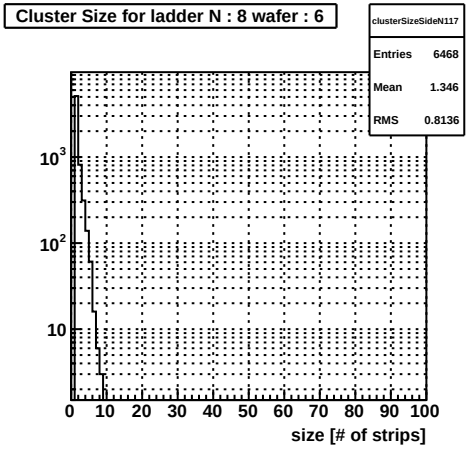

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3122
Mean 1.25
RMS 0.6445
size [# of strips]

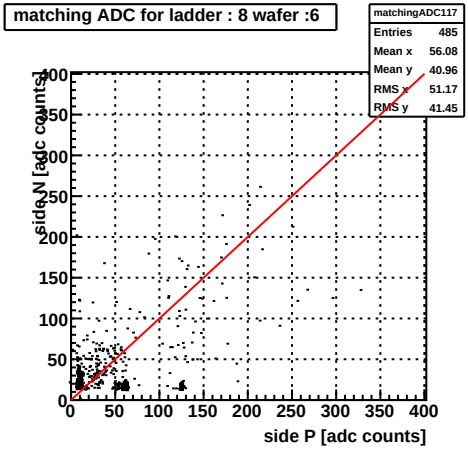

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 386
Mean x 61.77
Mean y 50.74
RMS x 58.86
RMS y 49.78
side N [adc counts]
side P [adc counts]

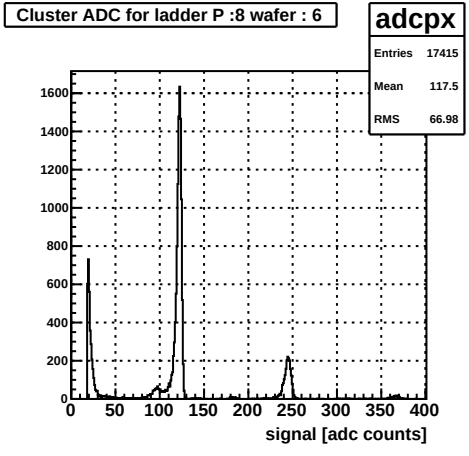

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7426
Mean 34.18
RMS 27.7
signal [adc counts]

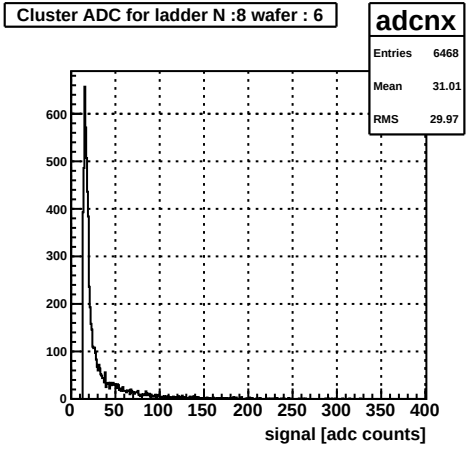

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3122
Mean 28.96
RMS 30.24
signal [adc counts]

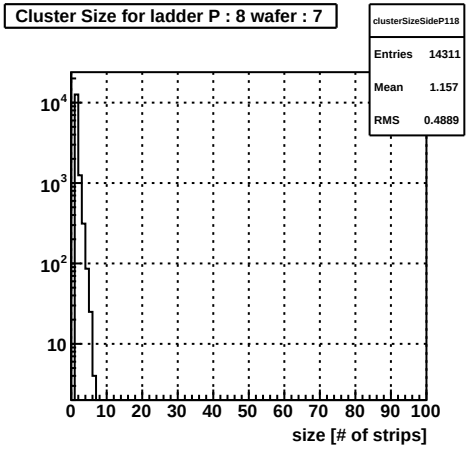

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17415
Mean 1.182
RMS 0.4943
size [# of strips]

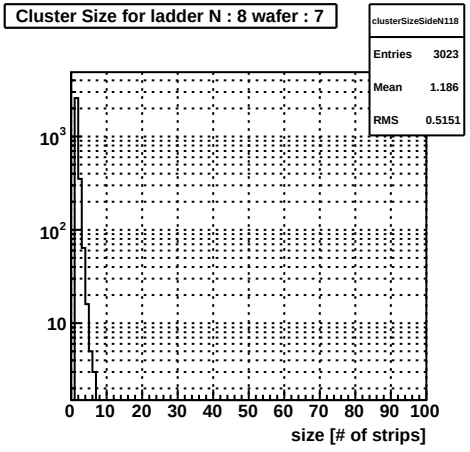

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6468
Mean 1.346
RMS 0.8136
size [# of strips]

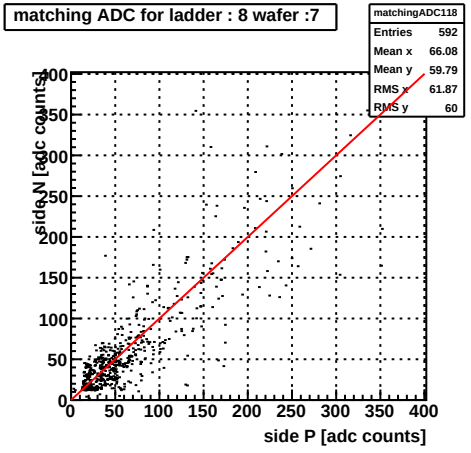

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 485
Mean x 56.08
Mean y 40.96
RMS x 51.17
RMS y 41.45
side N [adc counts]
side P [adc counts]

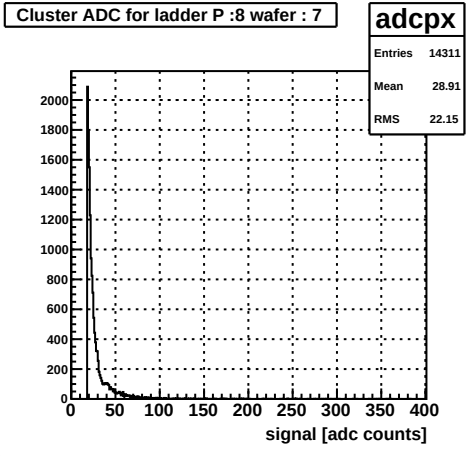

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17415
Mean 117.5
RMS 66.98
signal [adc counts]

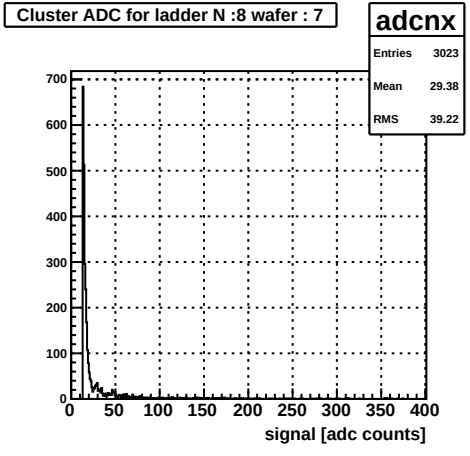

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6468
Mean 31.01
RMS 29.97
signal [adc counts]

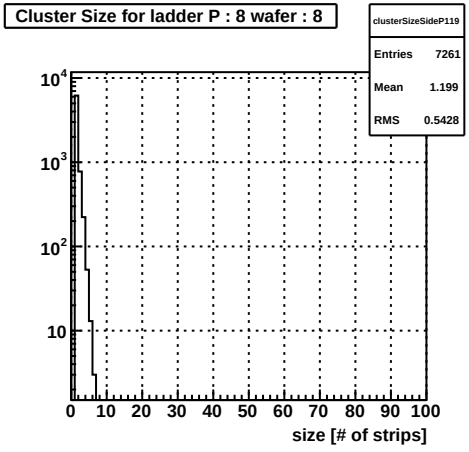

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14311
Mean 1.157
RMS 0.4889
size [# of strips]

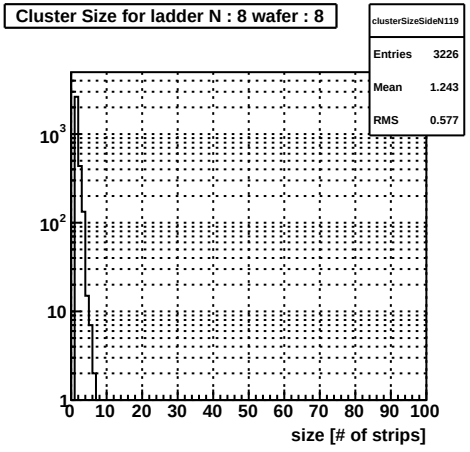

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3023
Mean 1.186
RMS 0.5151
size [# of strips]

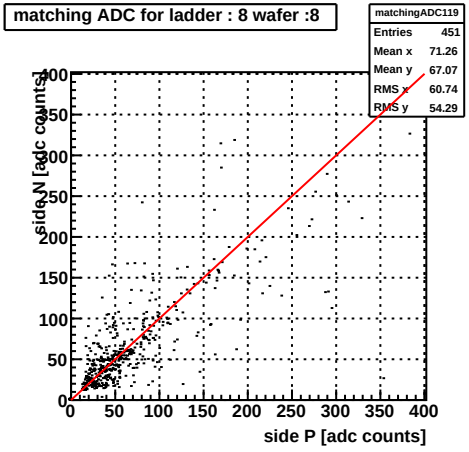

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 592
Mean x 66.08
Mean y 59.79
RMS x 61.87
RMS y 60
side N [adc counts]
side P [adc counts]

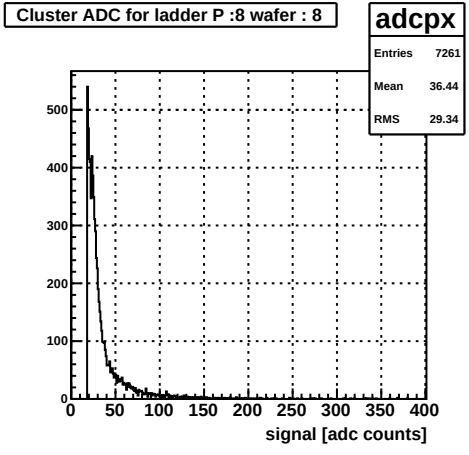

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14311
Mean 28.91
RMS 22.15
signal [adc counts]

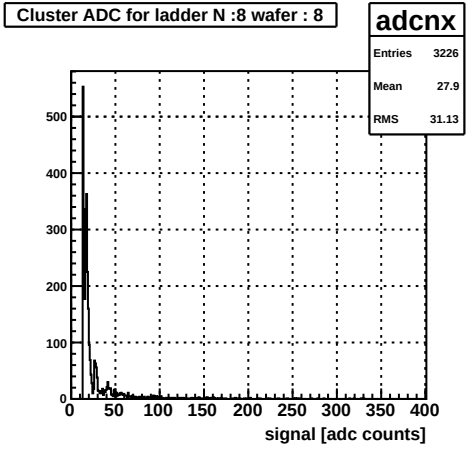

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3023
Mean 29.38
RMS 39.22
signal [adc counts]

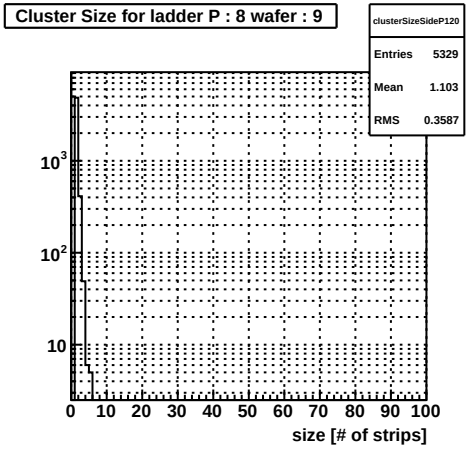

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7261
Mean 1.199
RMS 0.5428
size [# of strips]

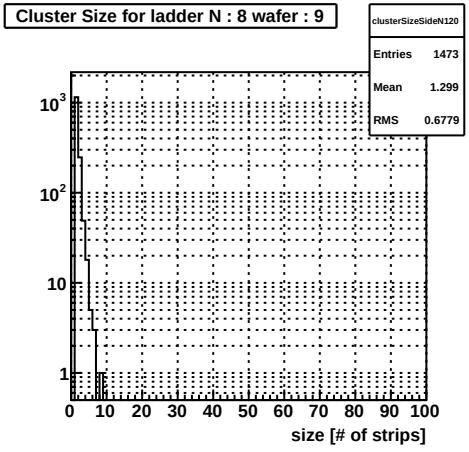

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3226
Mean 1.243
RMS 0.577
size [# of strips]

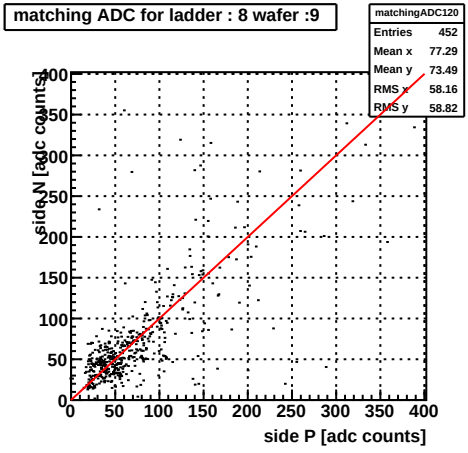

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 451
Mean x 71.26
Mean y 67.07
RMS x 60.74
RMS y 54.29
side N [adc counts]
side P [adc counts]

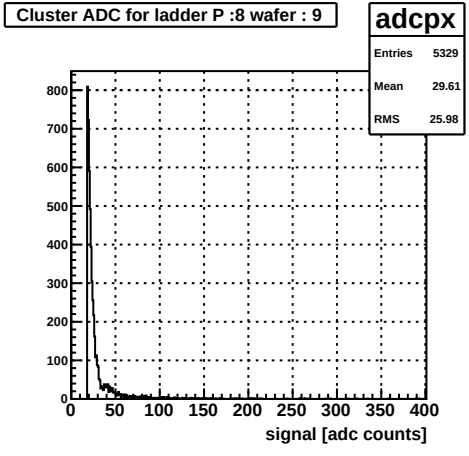

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7261
Mean 36.44
RMS 29.34
signal [adc counts]

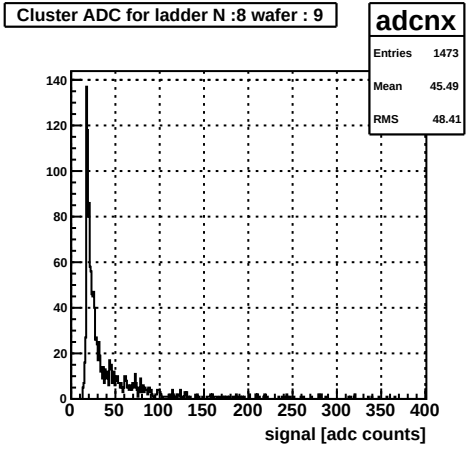

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3226
Mean 27.9
RMS 31.13
signal [adc counts]

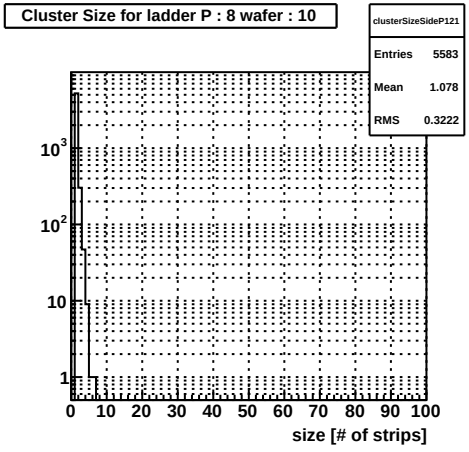

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5329
Mean 1.103
RMS 0.3587
size [# of strips]

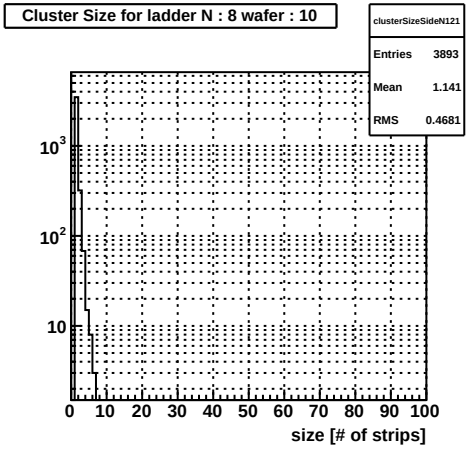

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1473
Mean 1.299
RMS 0.6779
size [# of strips]

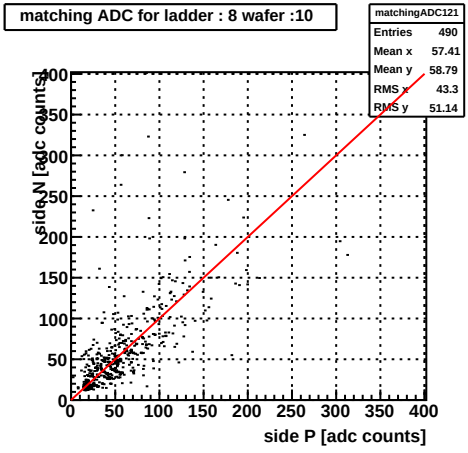

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 452
Mean x 77.29
Mean y 73.49
RMS x 58.16
RMS y 58.82
side N [adc counts]
side P [adc counts]

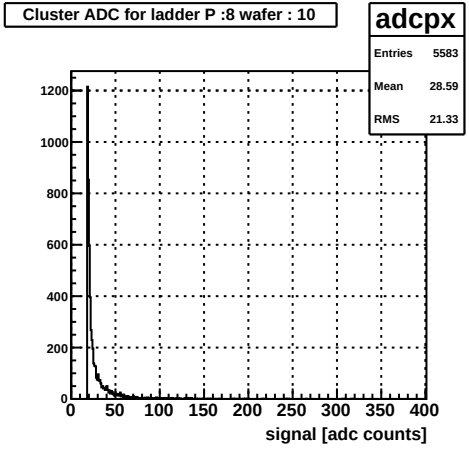

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5329
Mean 29.61
RMS 25.98
signal [adc counts]

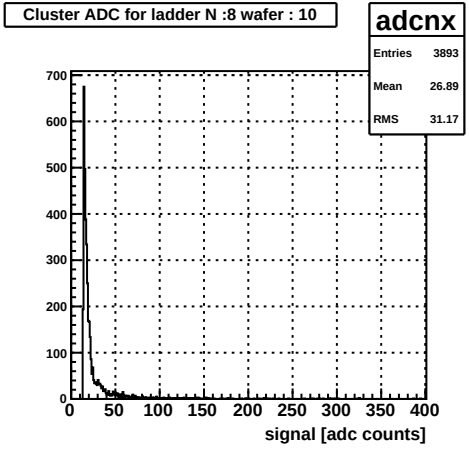

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1473
Mean 45.49
RMS 48.41
signal [adc counts]

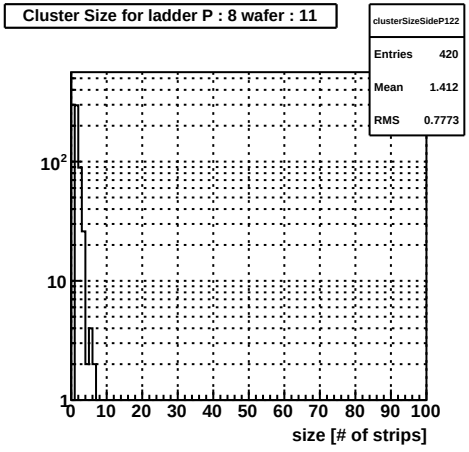

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5583
Mean 1.078
RMS 0.3222
size [# of strips]

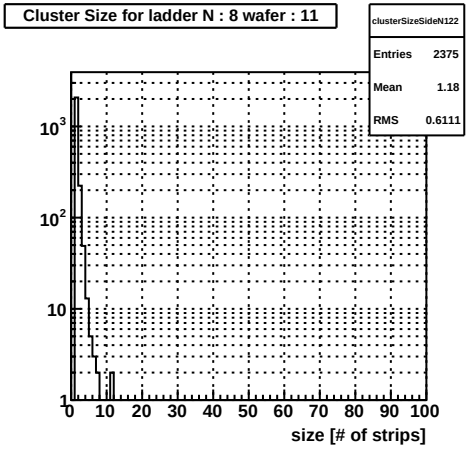

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3893
Mean 1.141
RMS 0.4681
size [# of strips]

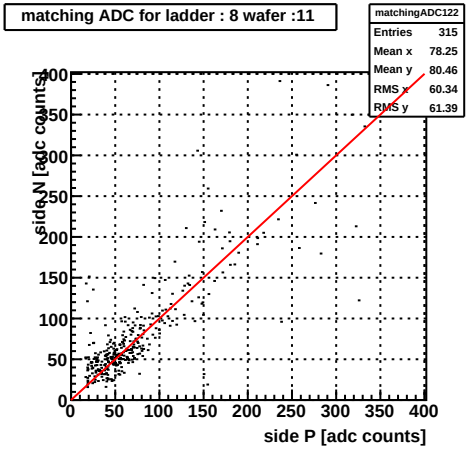

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 490
Mean x 57.41
Mean y 58.79
RMS x 43.3
RMS y 51.14
side N [adc counts]
side P [adc counts]

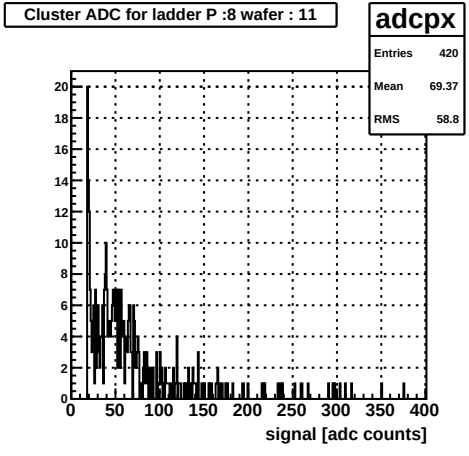

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5583
Mean 28.59
RMS 21.33
signal [adc counts]

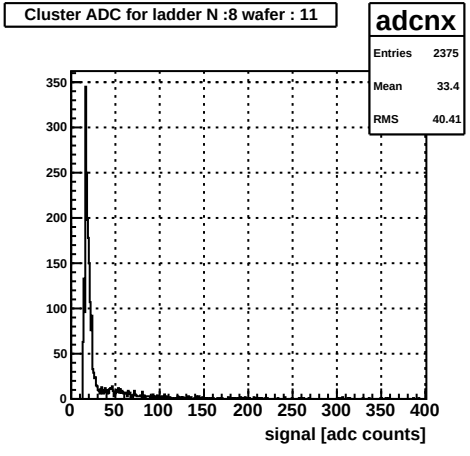

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3893
Mean 26.89
RMS 31.17
signal [adc counts]

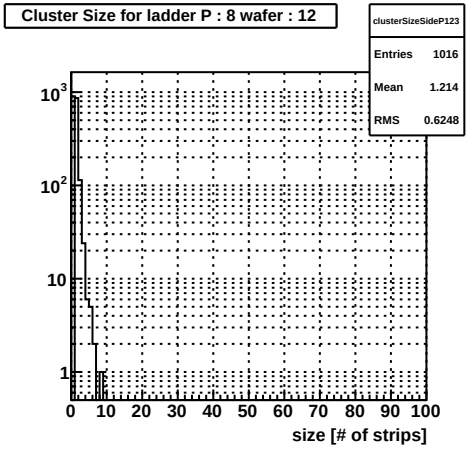

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 420
Mean 1.412
RMS 0.7773
size [# of strips]

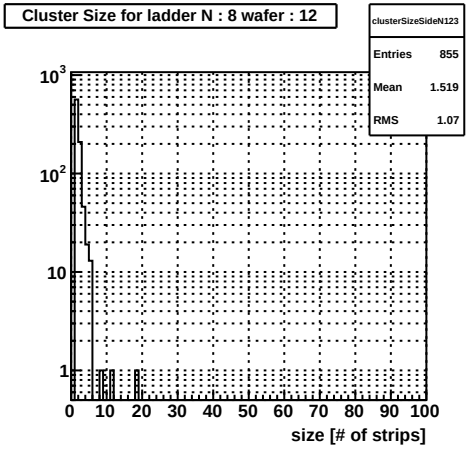

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2375
Mean 1.18
RMS 0.6111
size [# of strips]

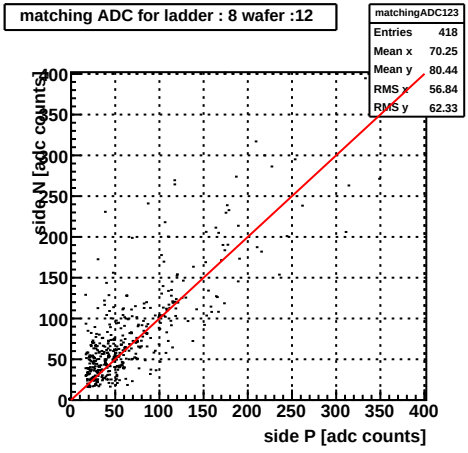

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 315
Mean x 78.25
Mean y 80.46
RMS x 60.34
RMS y 61.39
side N [adc counts]
side P [adc counts]

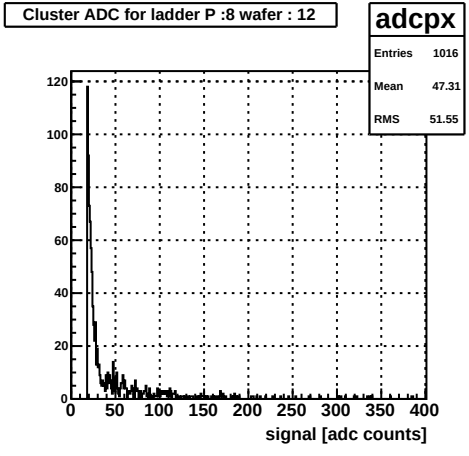

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 420
Mean 69.37
RMS 58.8
signal [adc counts]

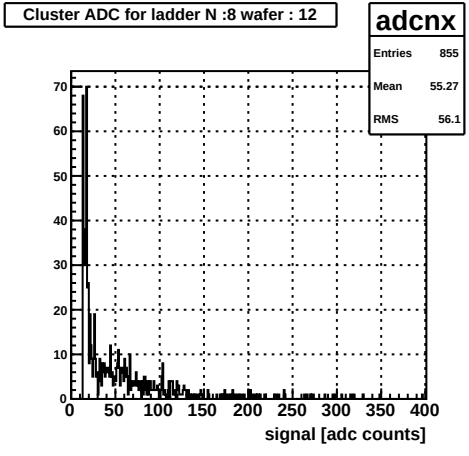

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2375
Mean 33.4
RMS 40.41
signal [adc counts]

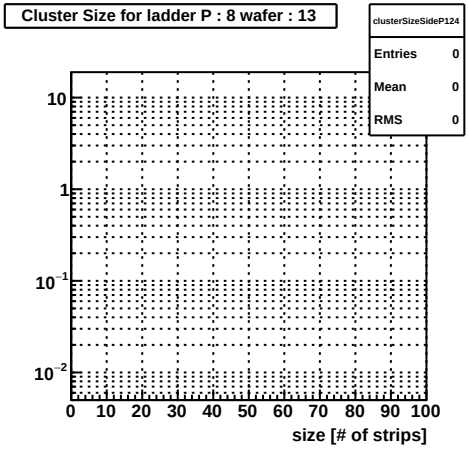

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1016
Mean 1.214
RMS 0.6248
size [# of strips]

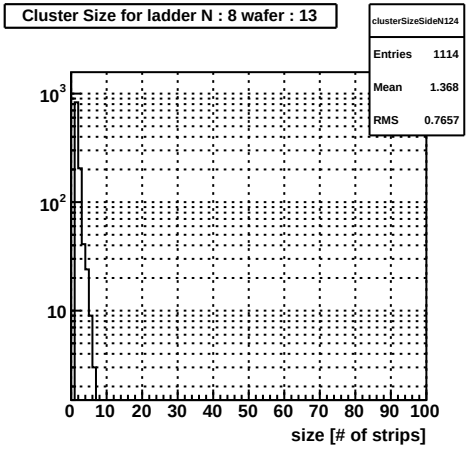

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 855
Mean 1.519
RMS 1.07
size [# of strips]

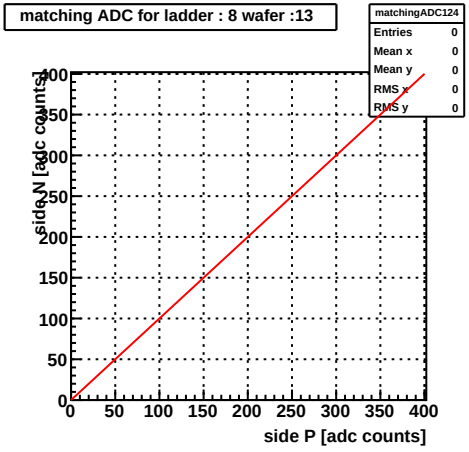

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 418
Mean x 70.25
Mean y 80.44
RMS x 56.84
RMS y 62.33
side N [adc counts]
side P [adc counts]

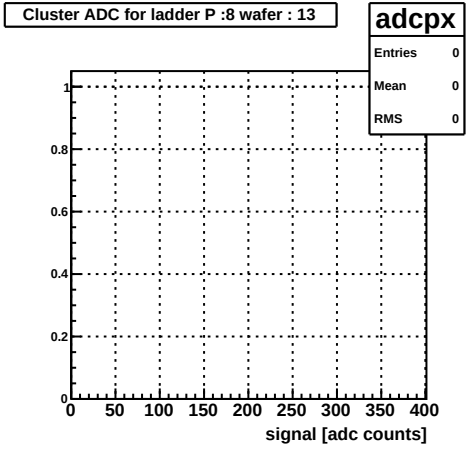

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1016
Mean 47.31
RMS 51.55
signal [adc counts]

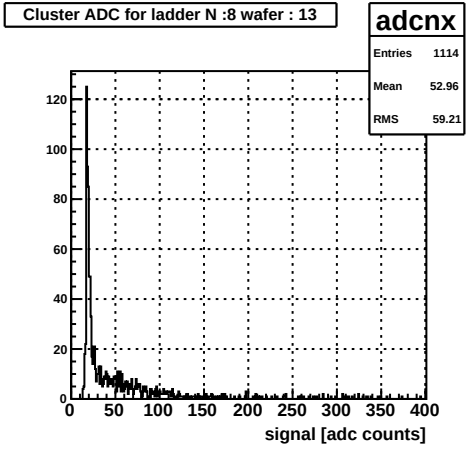

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 855
Mean 55.27
RMS 56.1
signal [adc counts]

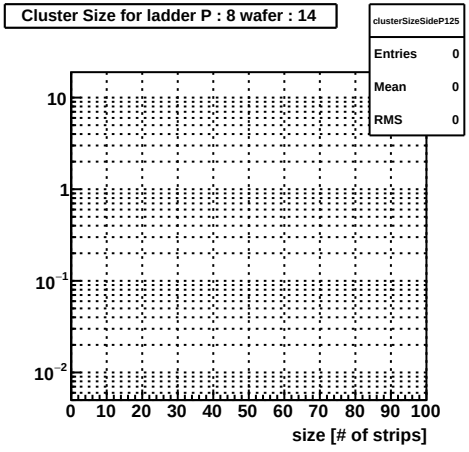

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

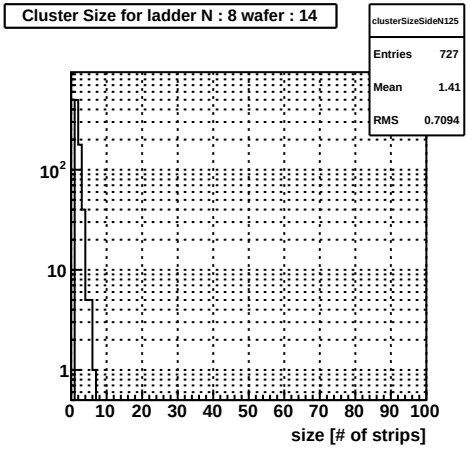

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1114
Mean 1.368
RMS 0.7657
size [# of strips]

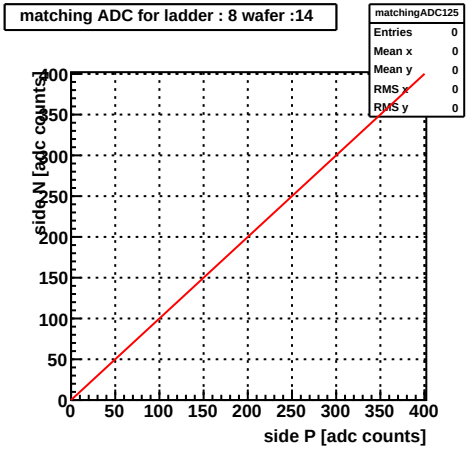

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

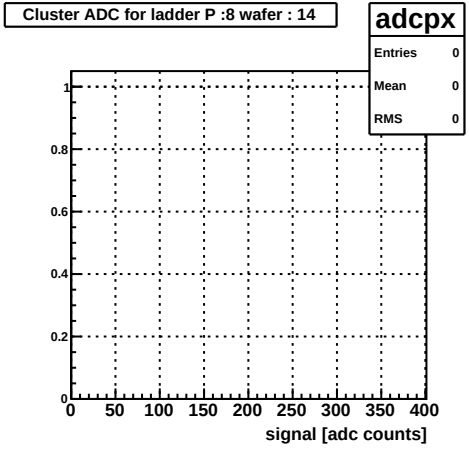

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

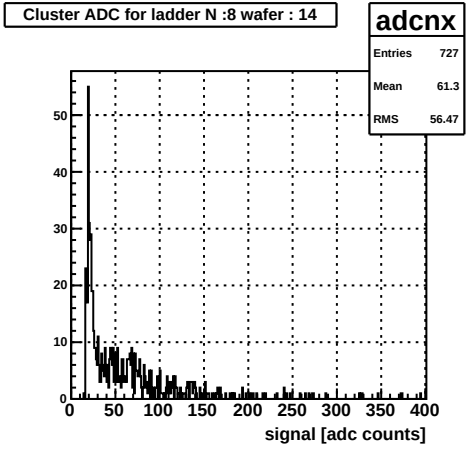

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1114
Mean 52.96
RMS 59.21
signal [adc counts]

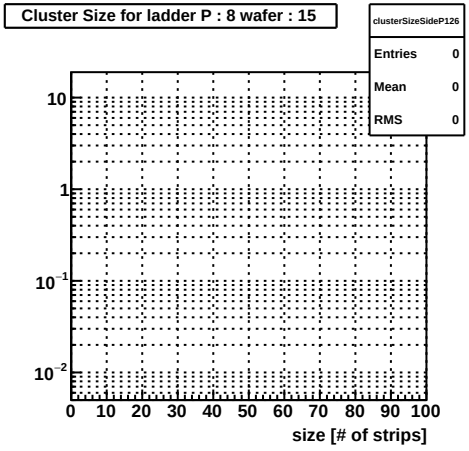

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

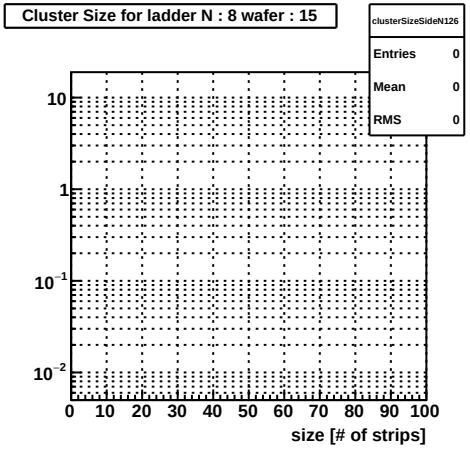

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 727
Mean 1.41
RMS 0.7094
size [# of strips]

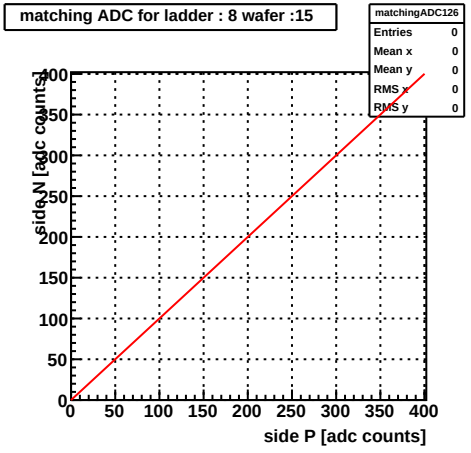

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

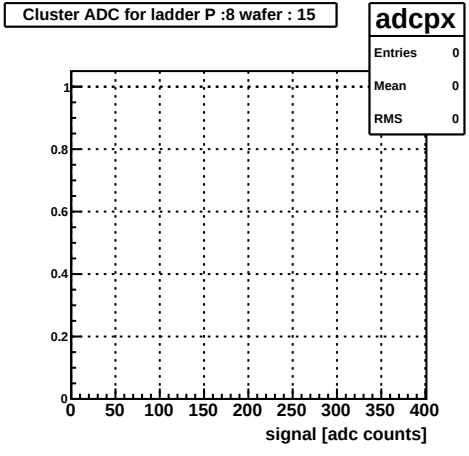

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

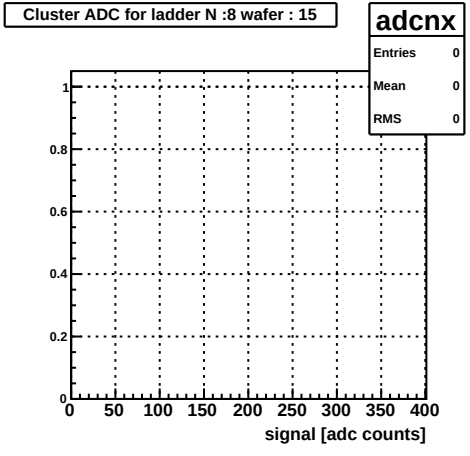

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 727
Mean 61.3
RMS 56.47
signal [adc counts]

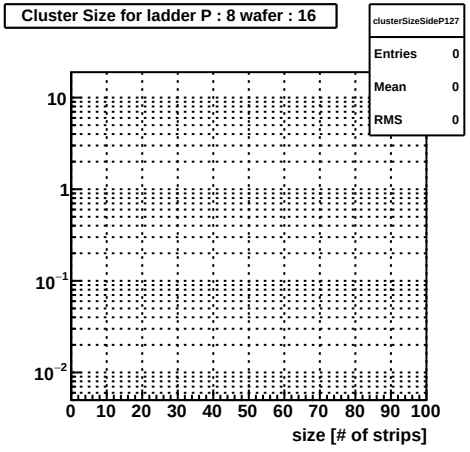

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

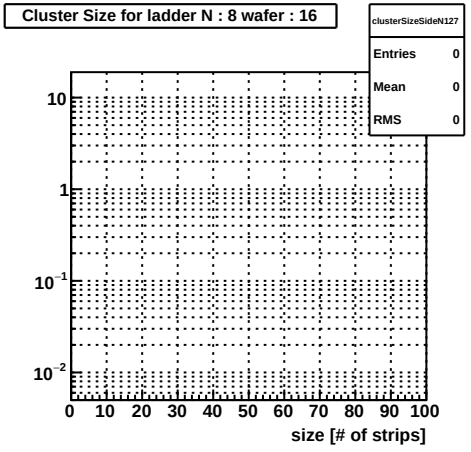

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

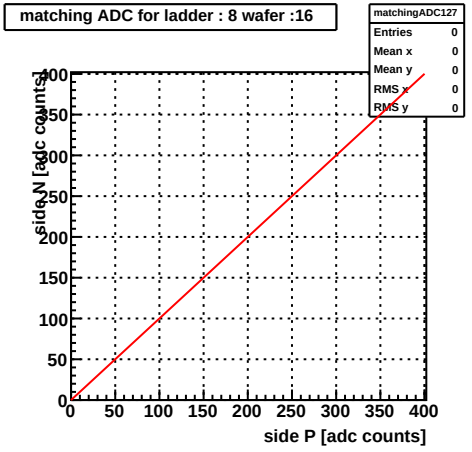

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

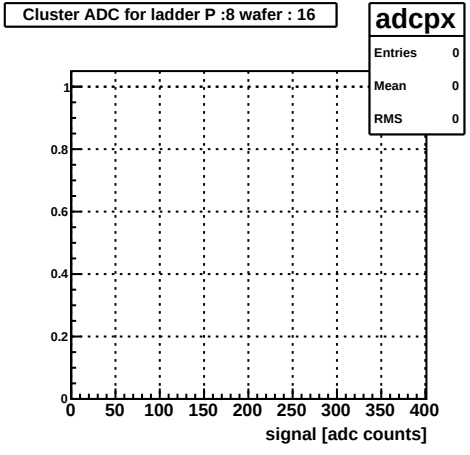

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

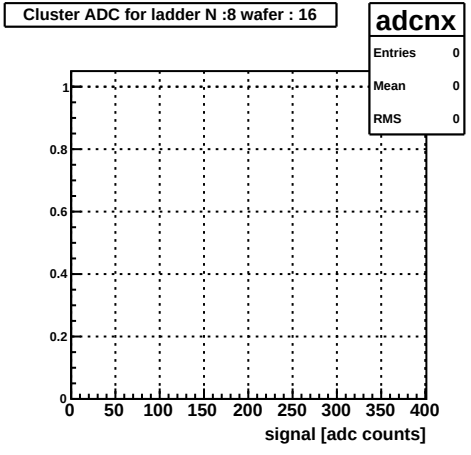

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

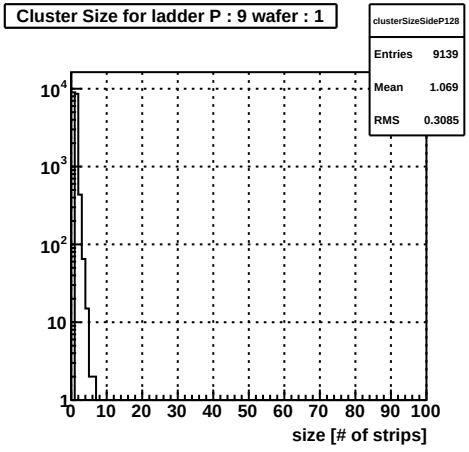

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

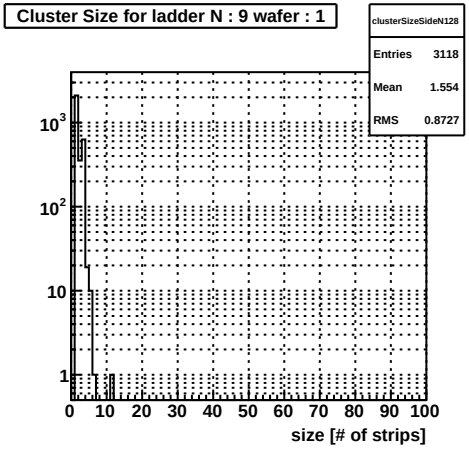

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

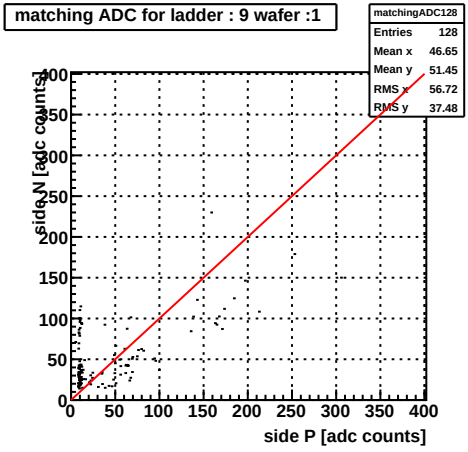

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

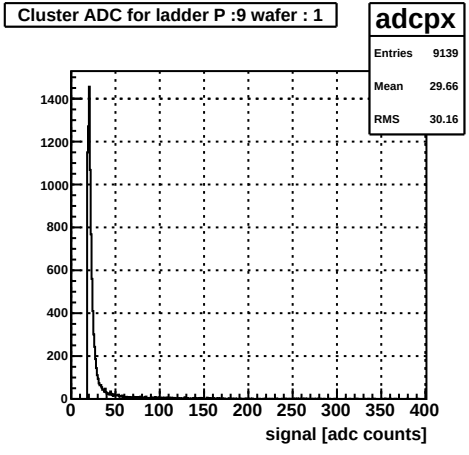

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

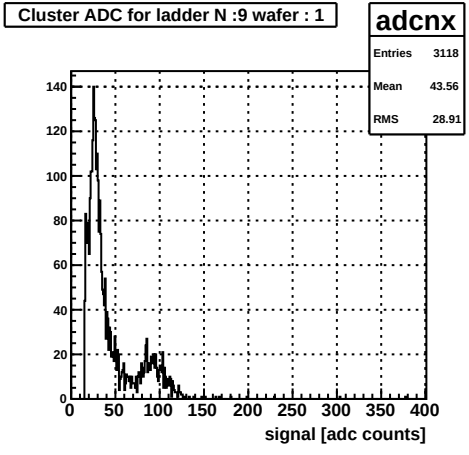

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

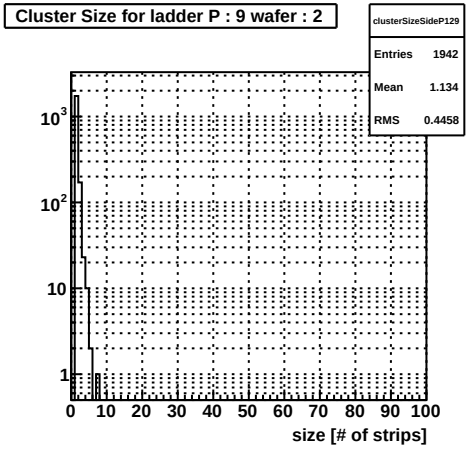

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9139
Mean 1.069
RMS 0.3085
size [# of strips]

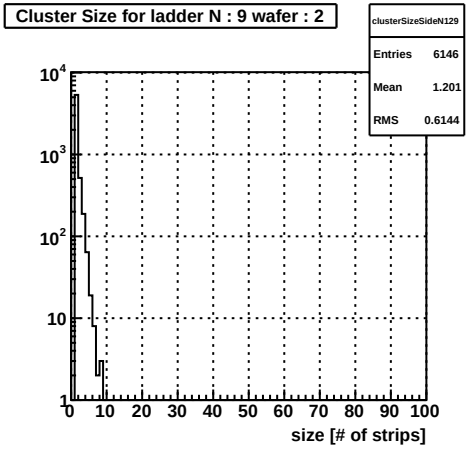

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3118
Mean 1.554
RMS 0.8727
size [# of strips]

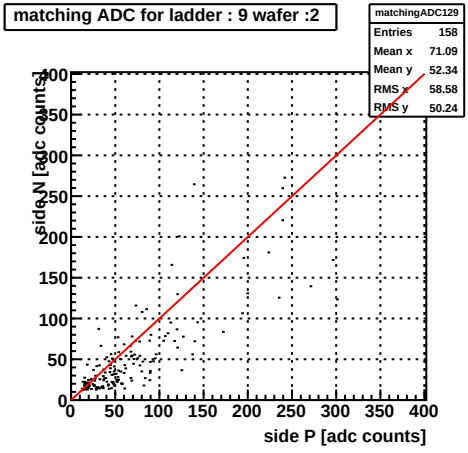

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 128
Mean x 46.65
Mean y 51.45
RMS x 56.72
RMS y 37.48
side N [adc counts]
side P [adc counts]

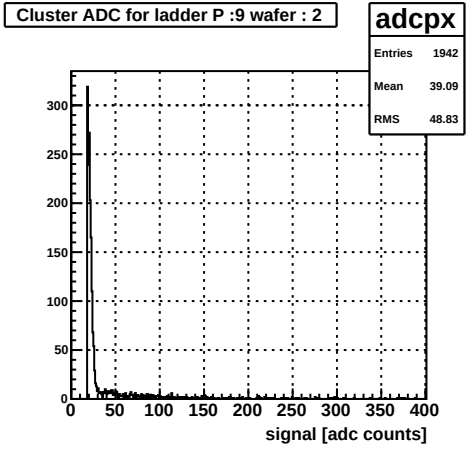

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9139
Mean 29.66
RMS 30.16
signal [adc counts]

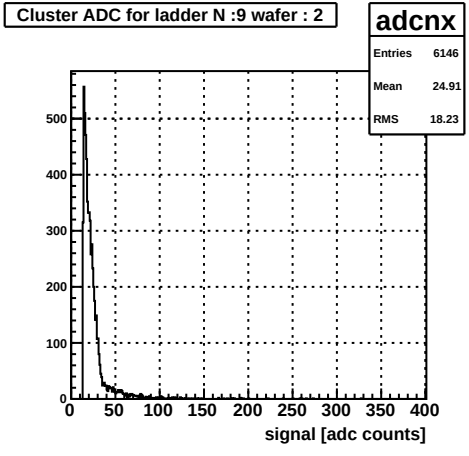

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3118
Mean 43.56
RMS 28.91
signal [adc counts]

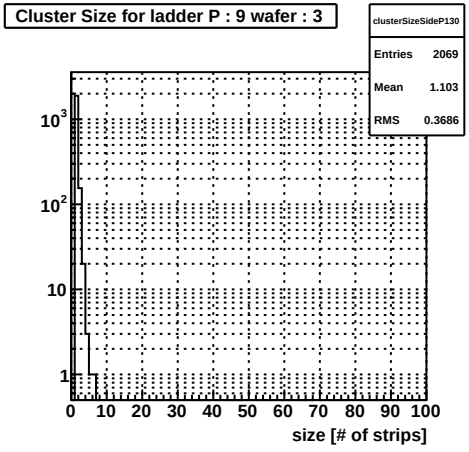

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1942
Mean 1.134
RMS 0.4458
size [# of strips]

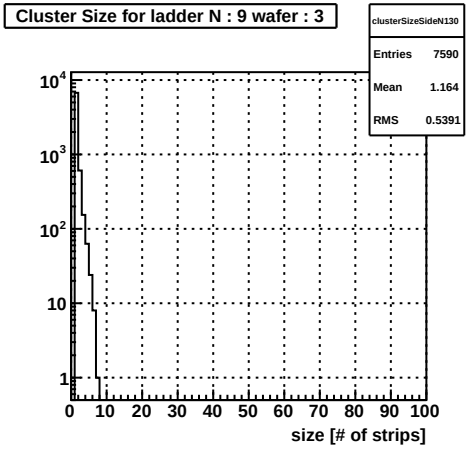

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6146
Mean 1.201
RMS 0.6144
size [# of strips]

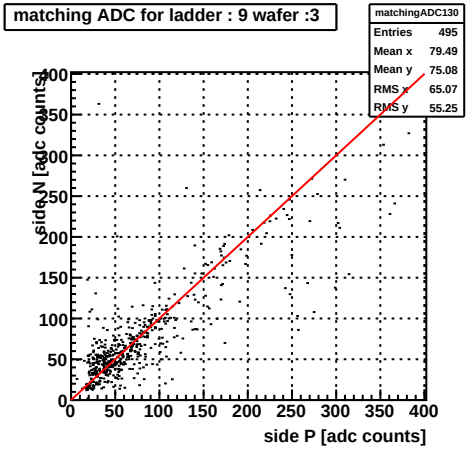

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 158
Mean x 71.09
Mean y 52.34
RMS x 58.58
RMS y 50.24
side N [adc counts]
side P [adc counts]

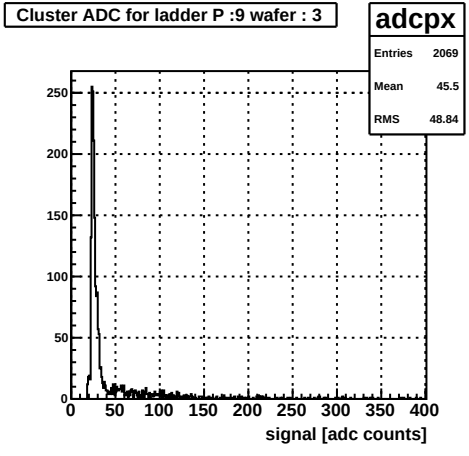

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1942
Mean 39.09
RMS 48.83
signal [adc counts]

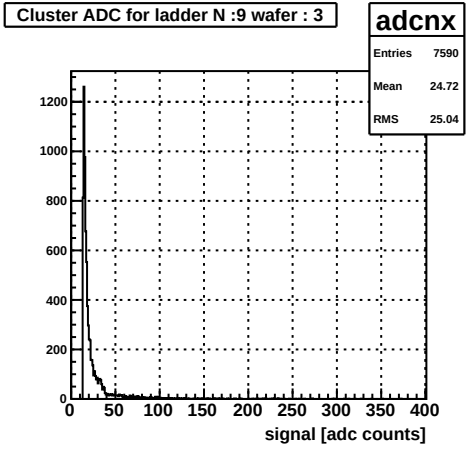

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6146
Mean 24.91
RMS 18.23
signal [adc counts]

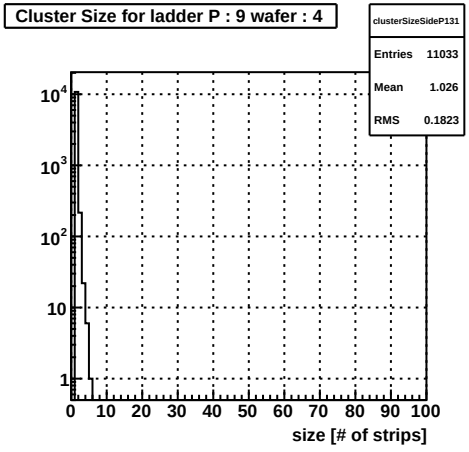

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2069
Mean 1.103
RMS 0.3686
size [# of strips]

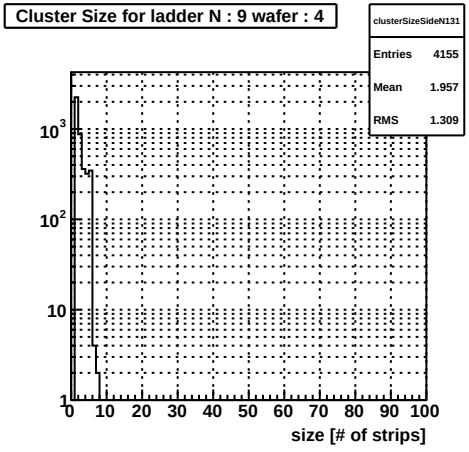

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7590
Mean 1.164
RMS 0.5391
size [# of strips]

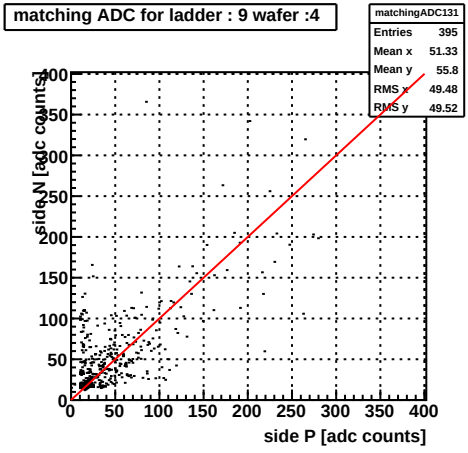

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 495
Mean x 79.49
Mean y 75.08
RMS x 65.07
RMS y 55.25
side N [adc counts]
side P [adc counts]

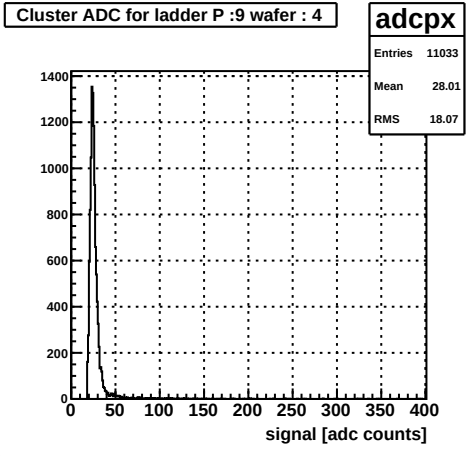

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2069
Mean 45.5
RMS 48.84
signal [adc counts]

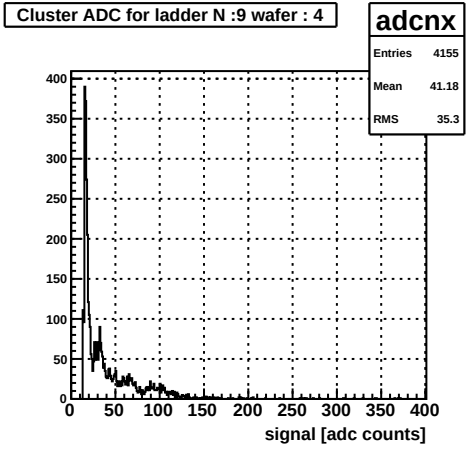

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7590
Mean 24.72
RMS 25.04
signal [adc counts]

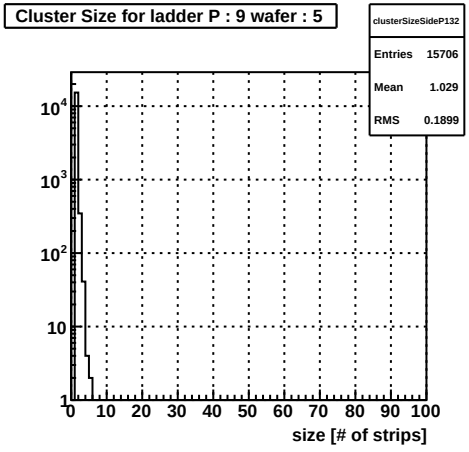

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11033
Mean 1.026
RMS 0.1823
size [# of strips]

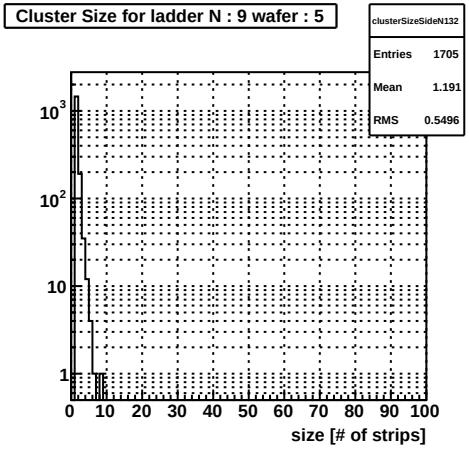

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4155
Mean 1.957
RMS 1.309
size [# of strips]

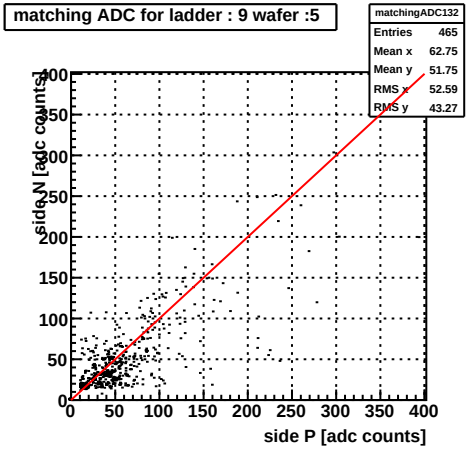

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 395
Mean x 51.33
Mean y 55.8
RMS x 49.48
RMS y 49.52
side N [adc counts]
side P [adc counts]

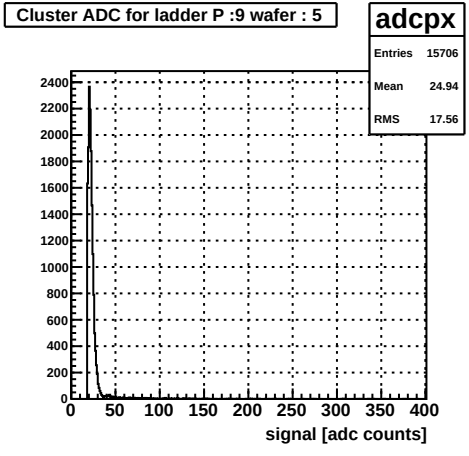

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11033
Mean 28.01
RMS 18.07
signal [adc counts]

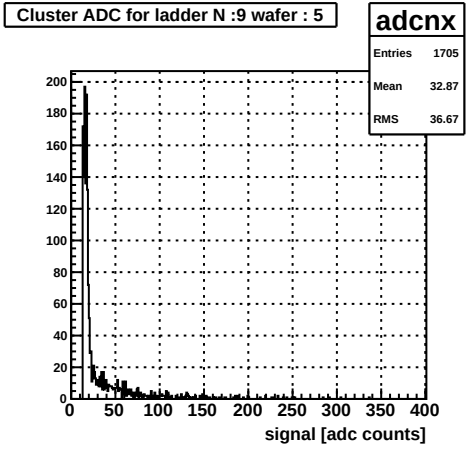

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4155
Mean 41.18
RMS 35.3
signal [adc counts]

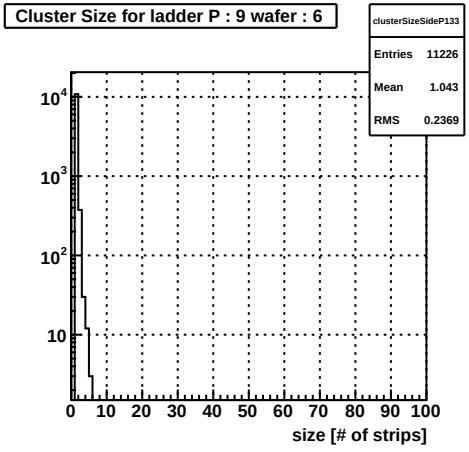

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 15706
Mean 1.029
RMS 0.1899
size [# of strips]

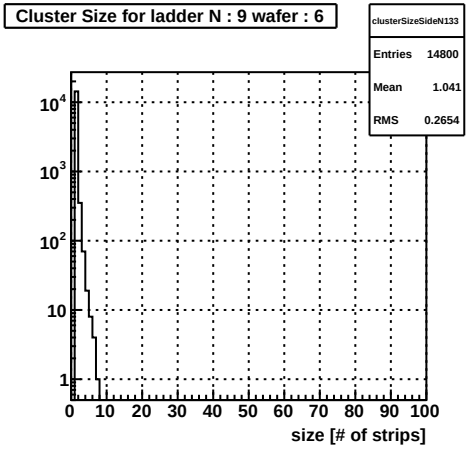

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1705
Mean 1.191
RMS 0.5496
size [# of strips]

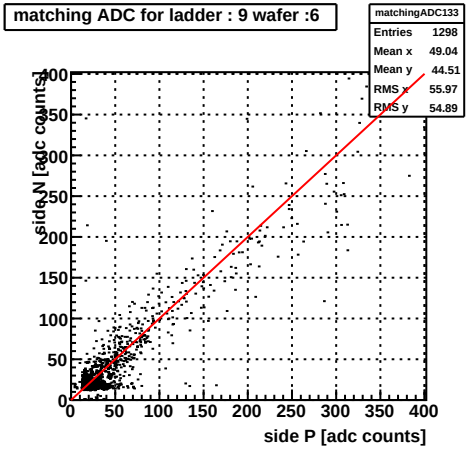

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 465
Mean x 62.75
Mean y 51.75
RMS x 52.59
RMS y 43.27
side N [adc counts]
side P [adc counts]

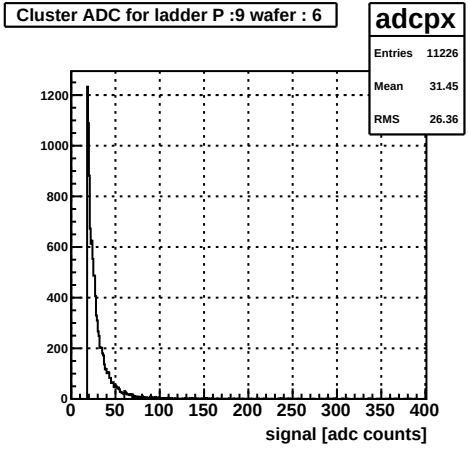

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 15706
Mean 24.94
RMS 17.56
signal [adc counts]

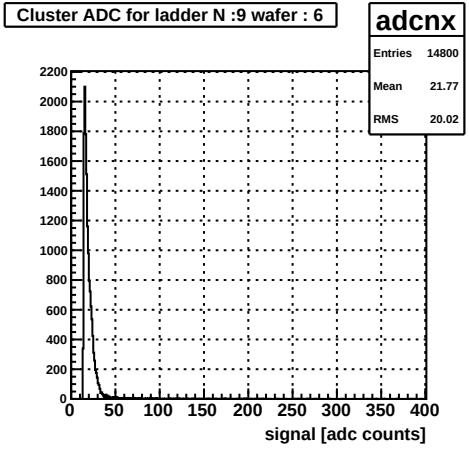

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1705
Mean 32.87
RMS 36.67
signal [adc counts]

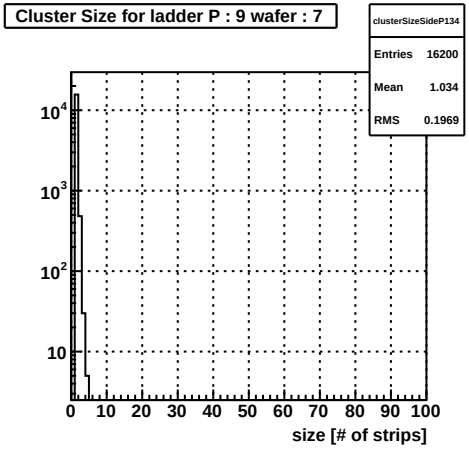

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 11226
Mean 1.043
RMS 0.2369
size [# of strips]

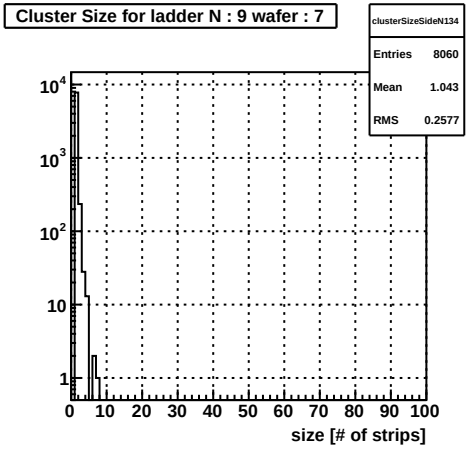

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 14800
Mean 1.041
RMS 0.2654
size [# of strips]

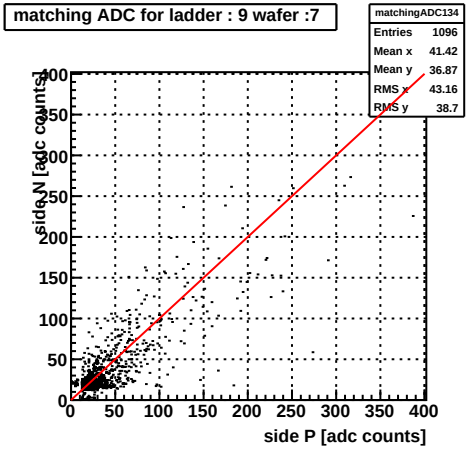

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1298
Mean x 49.04
Mean y 44.51
RMS x 55.97
RMS y 54.89
side N [adc counts]
side P [adc counts]

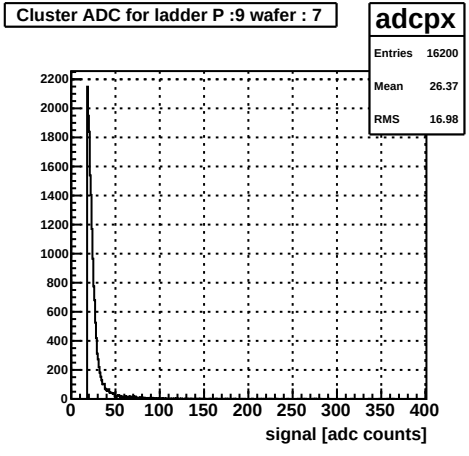

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 11226
Mean 31.45
RMS 26.36
signal [adc counts]

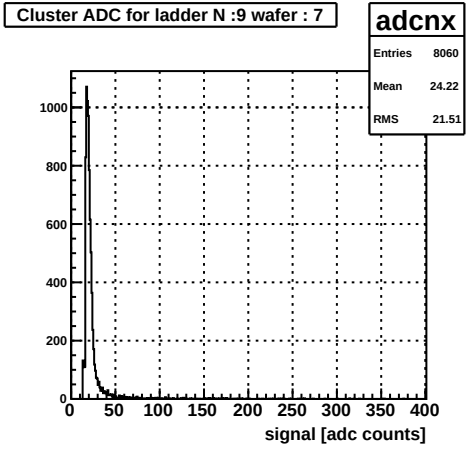

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 14800
Mean 21.77
RMS 20.02
signal [adc counts]

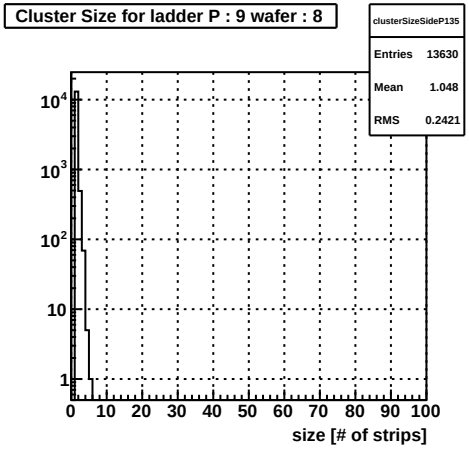

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 16200
Mean 1.034
RMS 0.1969
size [# of strips]

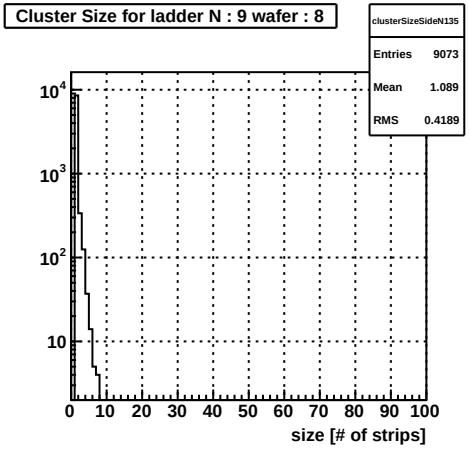

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8060
Mean 1.043
RMS 0.2577
size [# of strips]

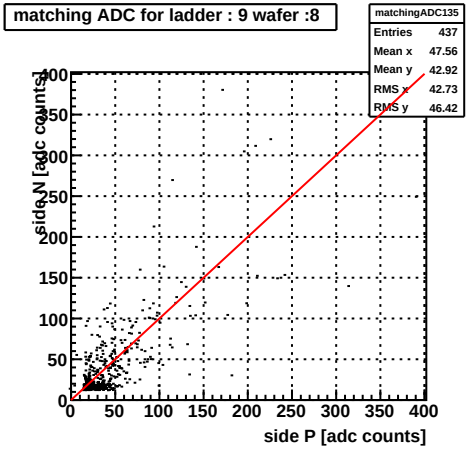

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1096
Mean x 41.42
Mean y 36.87
RMS x 43.16
RMS y 38.7
side N [adc counts]
side P [adc counts]

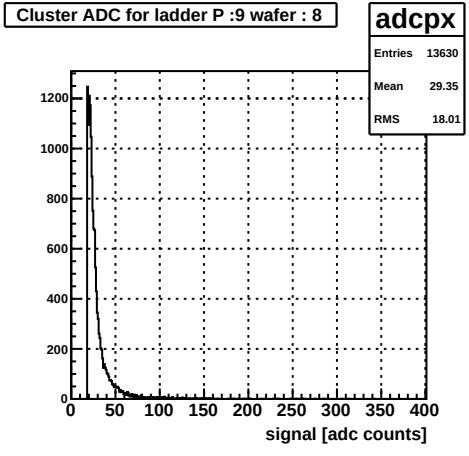

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 16200
Mean 26.37
RMS 16.98
signal [adc counts]

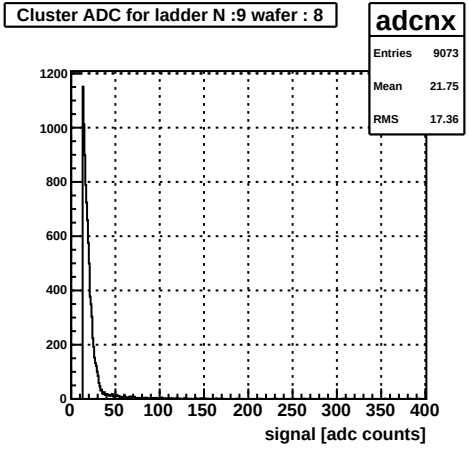

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8060
Mean 24.22
RMS 21.51
signal [adc counts]

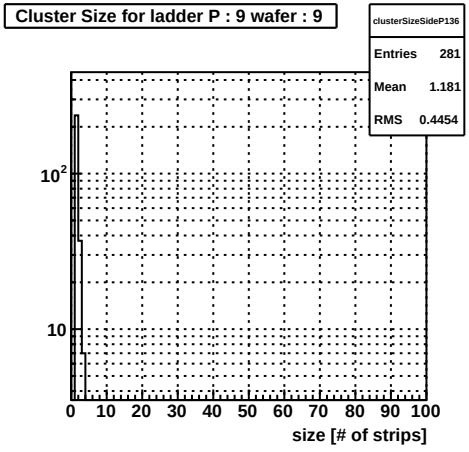

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13630
Mean 1.048
RMS 0.2421
size [# of strips]

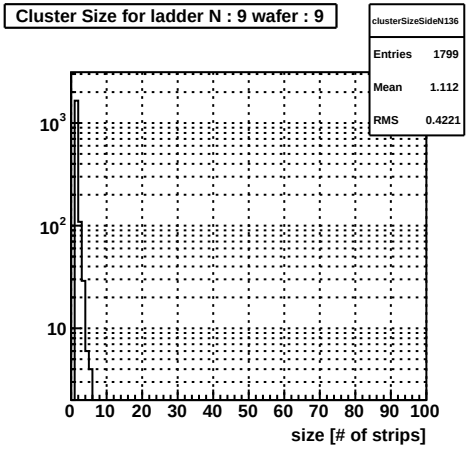

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9073
Mean 1.089
RMS 0.4189
size [# of strips]

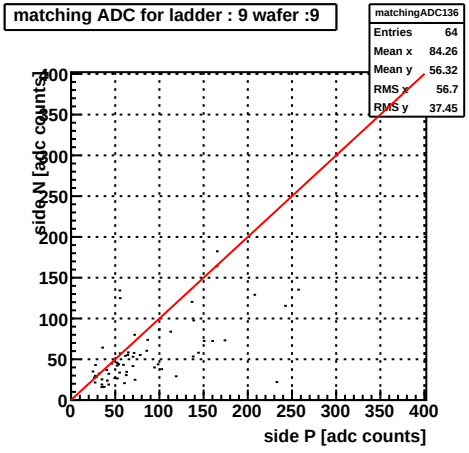

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 437
Mean x 47.56
Mean y 42.92
RMS x 42.73
RMS y 46.42
side N [adc counts]
side P [adc counts]

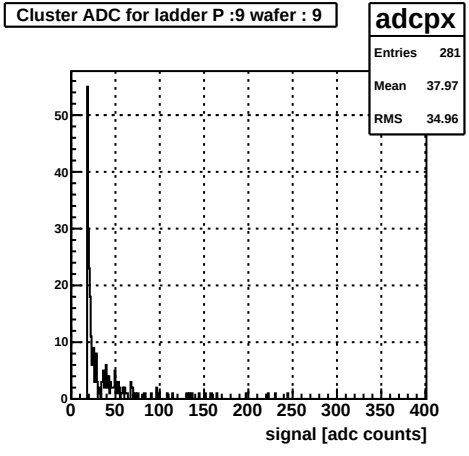

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13630
Mean 29.35
RMS 18.01
signal [adc counts]

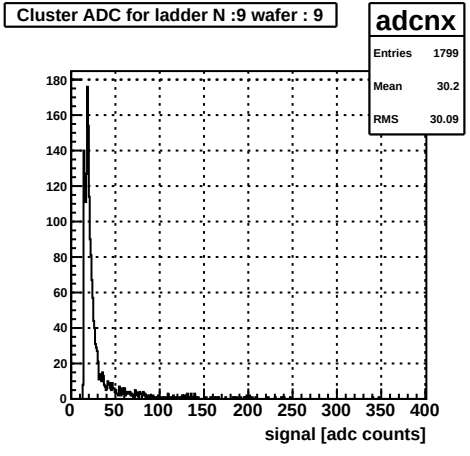

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9073
Mean 21.75
RMS 17.36
signal [adc counts]

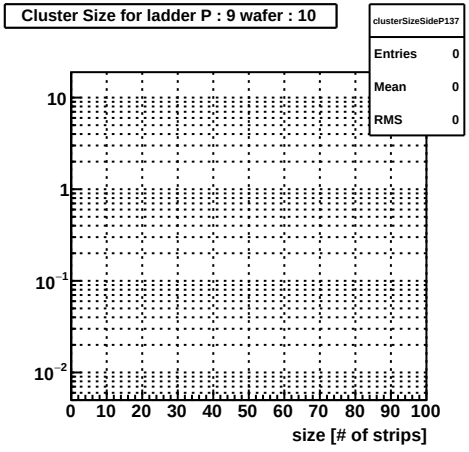

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 281
Mean 1.181
RMS 0.4454
size [# of strips]

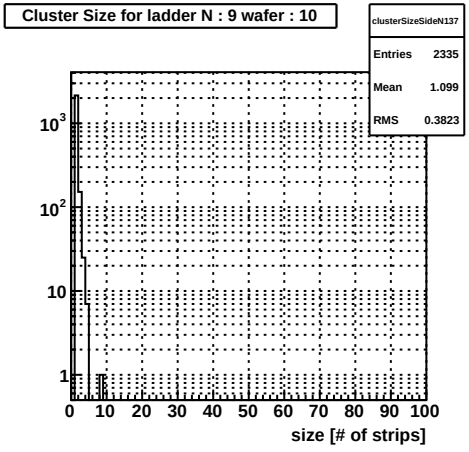

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1799
Mean 1.112
RMS 0.4221
size [# of strips]

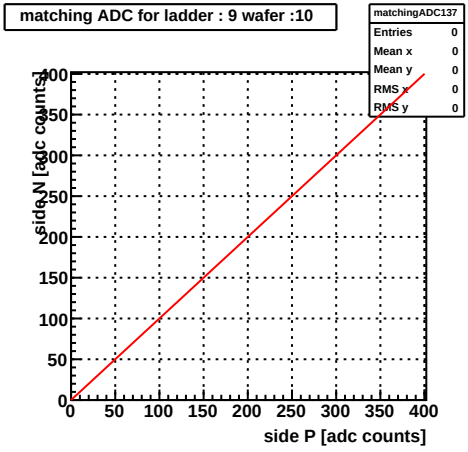

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 64
Mean x 84.26
Mean y 56.32
RMS x 56.7
RMS y 37.45
side N [adc counts]
side P [adc counts]

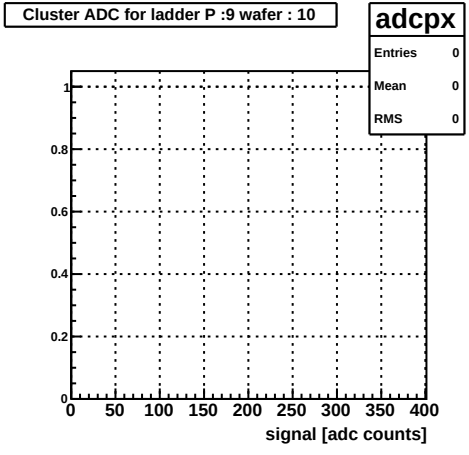

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 281
Mean 37.97
RMS 34.96
signal [adc counts]

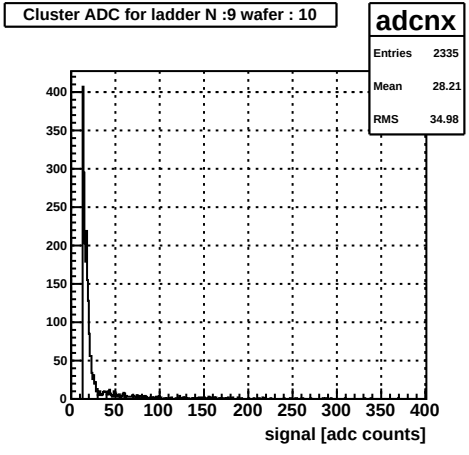

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1799
Mean 30.2
RMS 30.09
signal [adc counts]

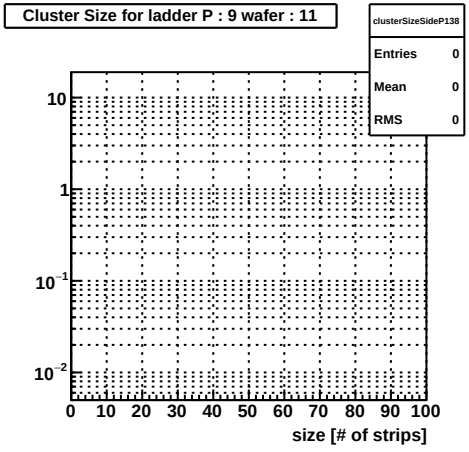

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

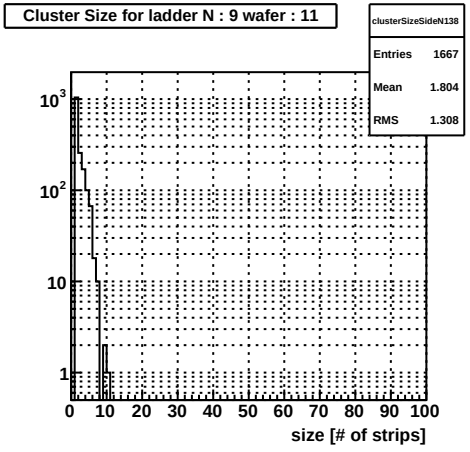

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2335
Mean 1.099
RMS 0.3823
size [# of strips]

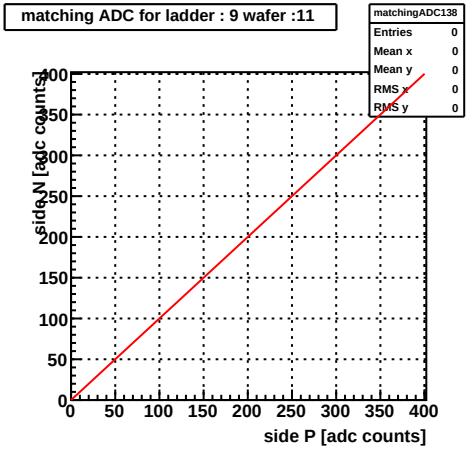

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

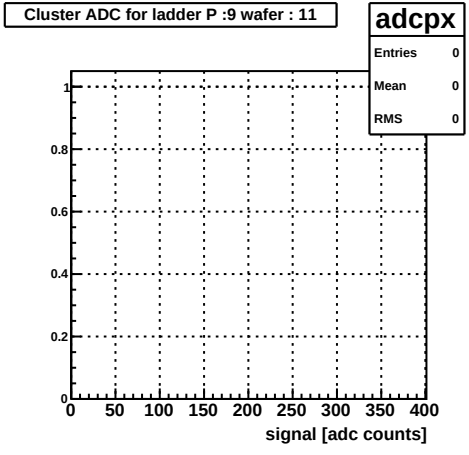

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

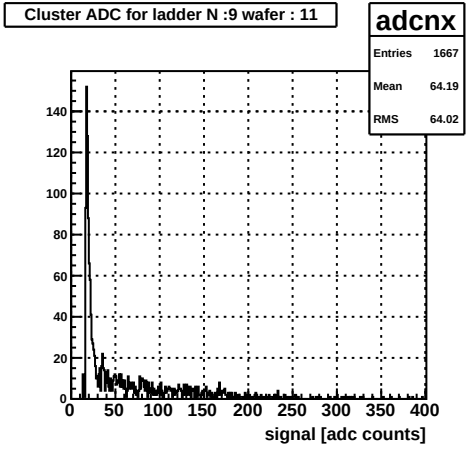

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2335
Mean 28.21
RMS 34.98
signal [adc counts]

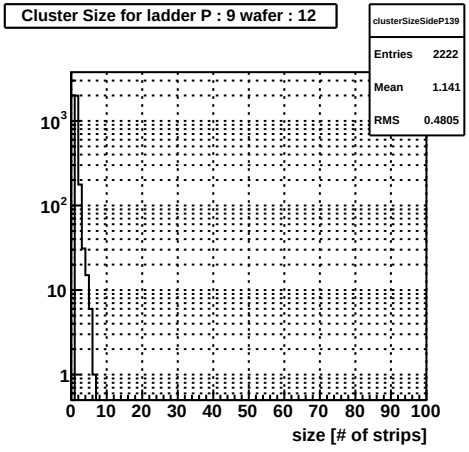

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

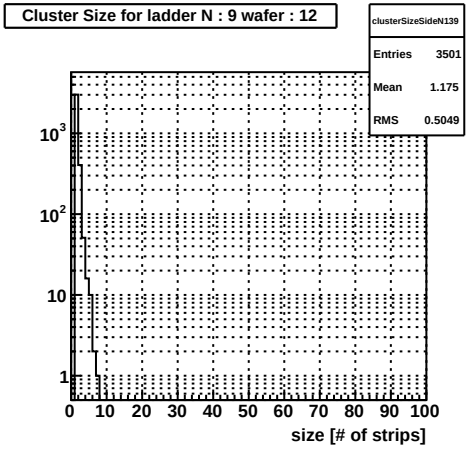

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1667
Mean 1.804
RMS 1.308
size [# of strips]

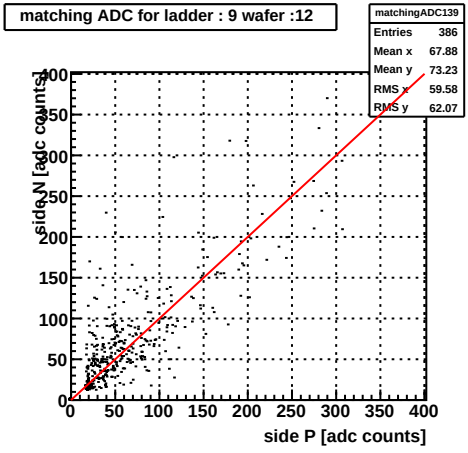

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

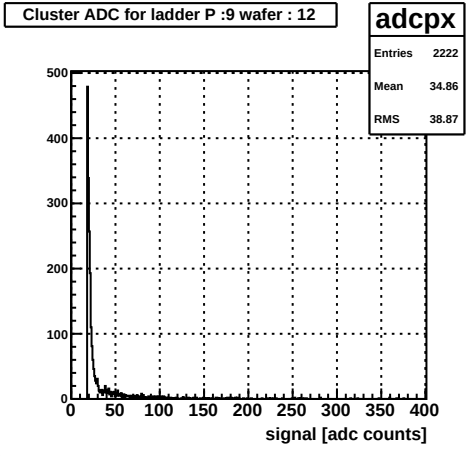

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

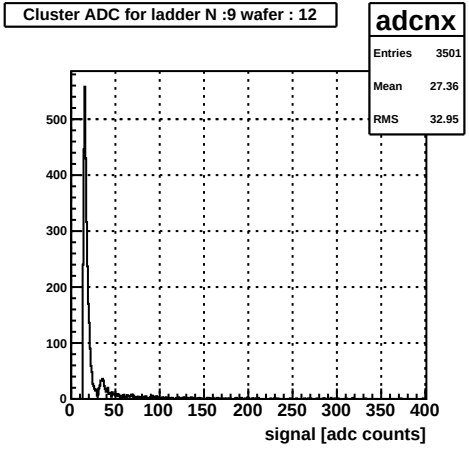

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1667
Mean 64.19
RMS 64.02
signal [adc counts]

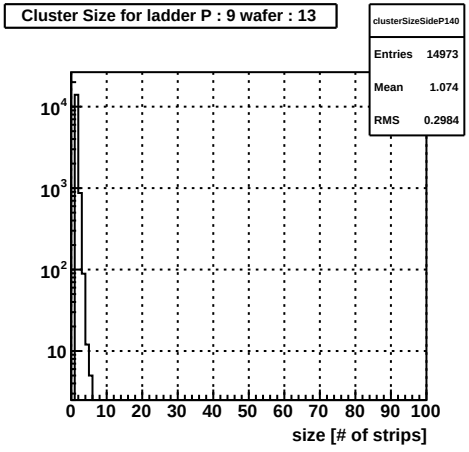

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2222
Mean 1.141
RMS 0.4805
size [# of strips]

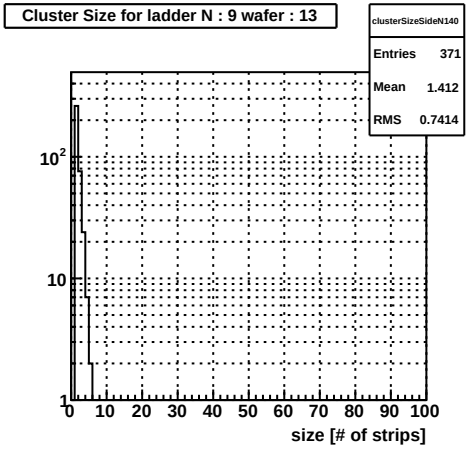

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3501
Mean 1.175
RMS 0.5049
size [# of strips]

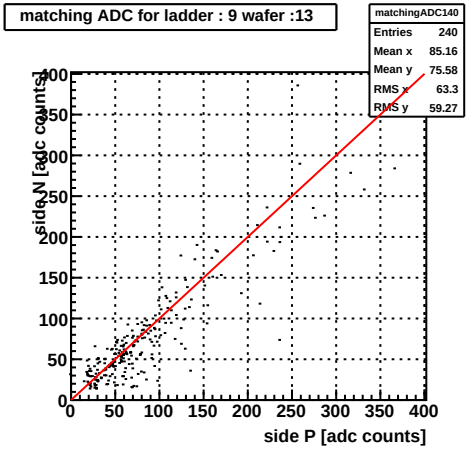

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 386
Mean x 67.88
Mean y 73.23
RMS x 59.58
RMS y 62.07
side N [adc counts]
side P [adc counts]

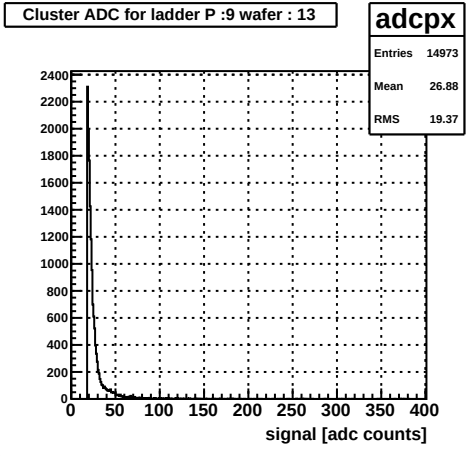

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2222
Mean 34.86
RMS 38.87
signal [adc counts]

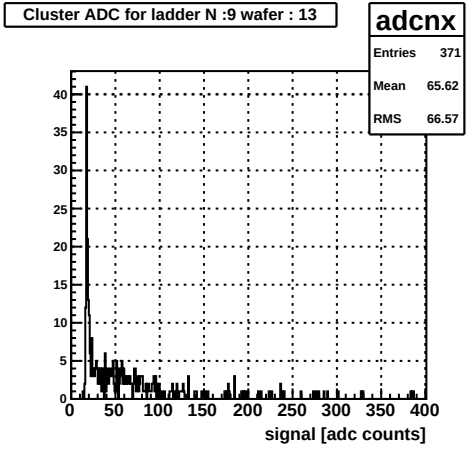

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3501
Mean 27.36
RMS 32.95
signal [adc counts]

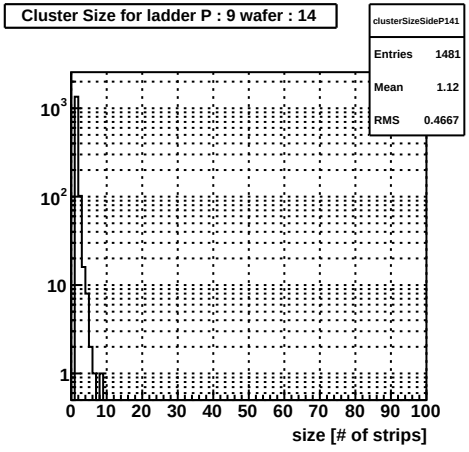

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14973
Mean 1.074
RMS 0.2984
size [# of strips]

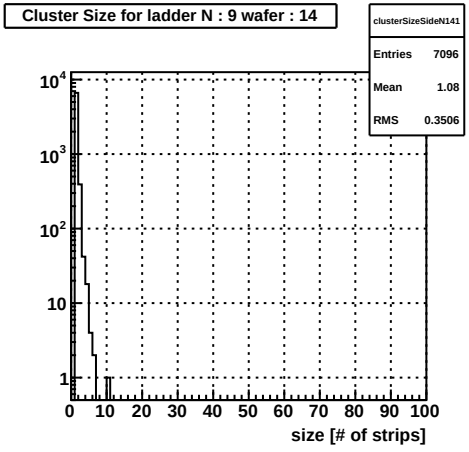

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 371
Mean 1.412
RMS 0.7414
size [# of strips]

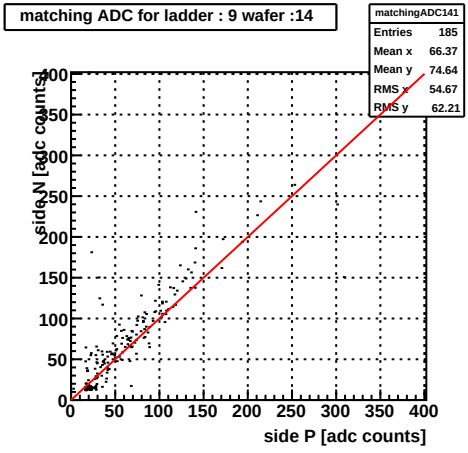

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 240
Mean x 85.16
Mean y 75.58
RMS x 63.3
RMS y 59.27
side N [adc counts]
side P [adc counts]

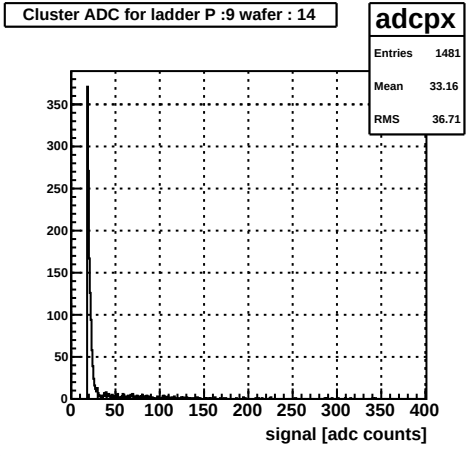

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14973
Mean 26.88
RMS 19.37
signal [adc counts]

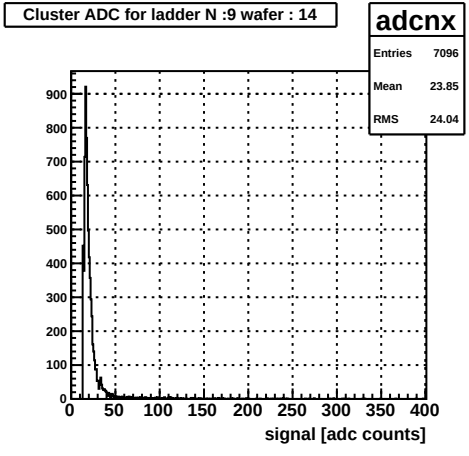

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 371
Mean 65.62
RMS 66.57
signal [adc counts]

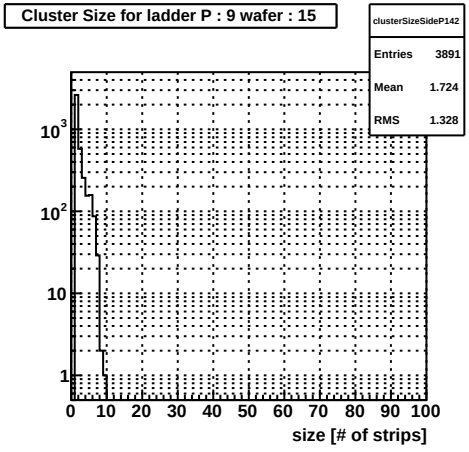

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1481
Mean 1.12
RMS 0.4667
size [# of strips]

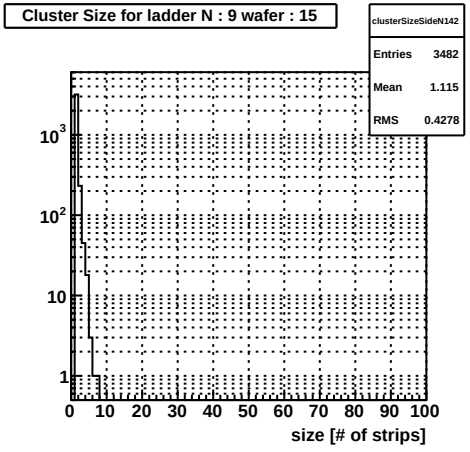

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 7096
Mean 1.08
RMS 0.3506
size [# of strips]

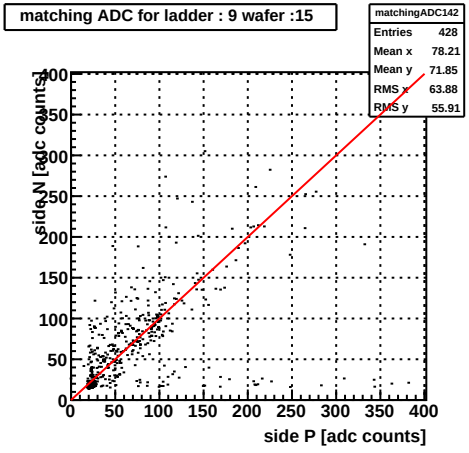

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 185
Mean x 66.37
Mean y 74.64
RMS x 54.67
RMS y 62.21
side N [adc counts]
side P [adc counts]

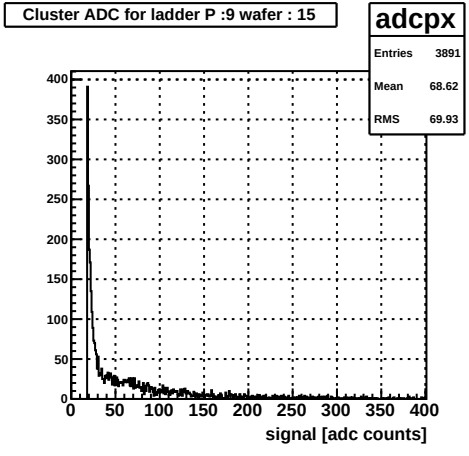

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1481
Mean 33.16
RMS 36.71
signal [adc counts]

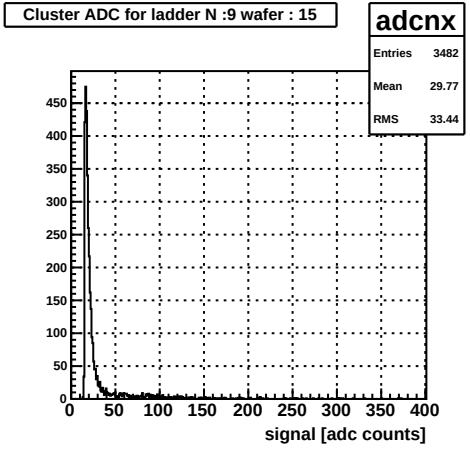

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 7096
Mean 23.85
RMS 24.04
signal [adc counts]

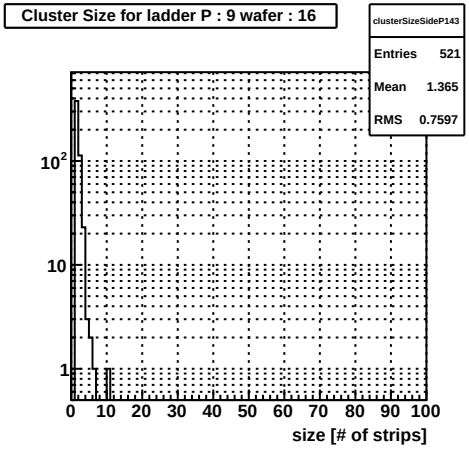

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3891
Mean 1.724
RMS 1.328
size [# of strips]

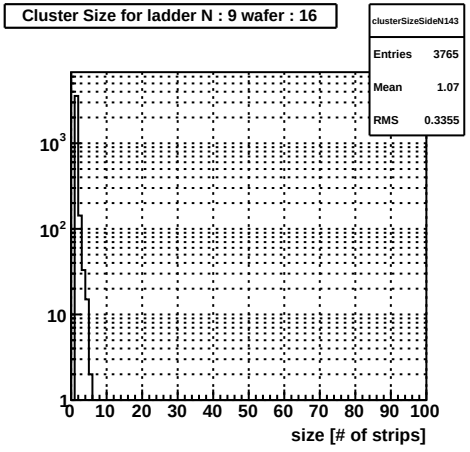

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3482
Mean 1.115
RMS 0.4278
size [# of strips]

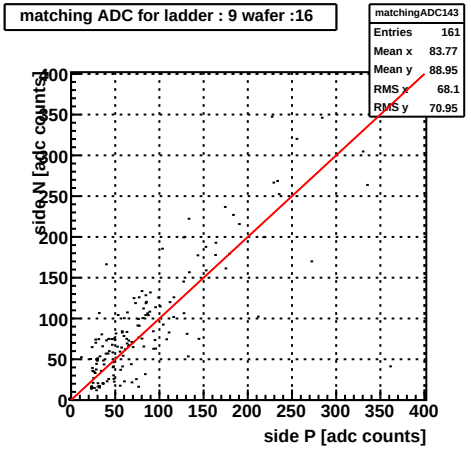

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 428
Mean x 78.21
Mean y 71.85
RMS x 63.88
RMS y 55.91
side N [adc counts]
side P [adc counts]

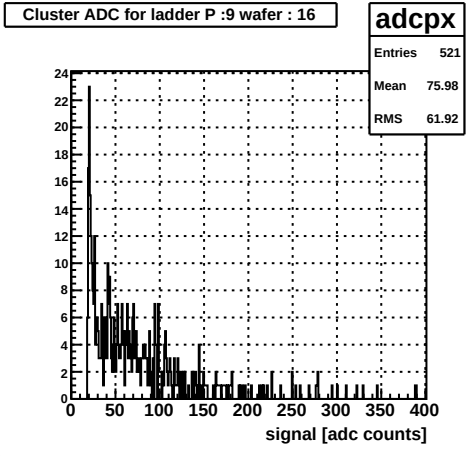

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3891
Mean 68.62
RMS 69.93
signal [adc counts]

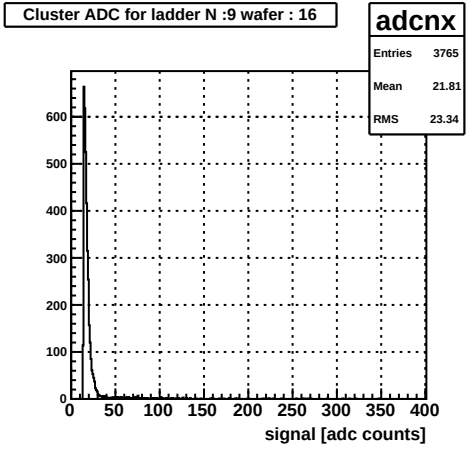

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3482
Mean 29.77
RMS 33.44
signal [adc counts]

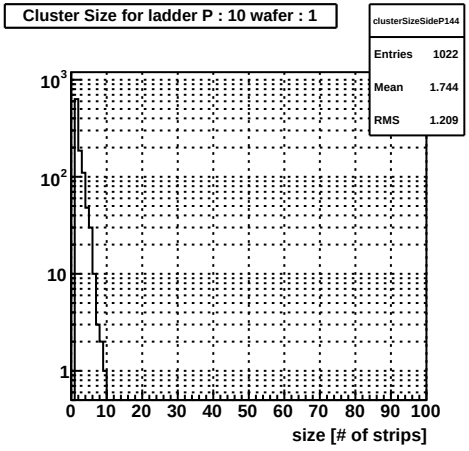

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 521
Mean 1.365
RMS 0.7597
size [# of strips]

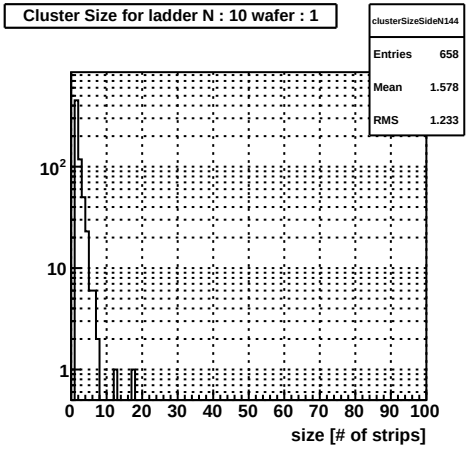

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3765
Mean 1.07
RMS 0.3355
size [# of strips]

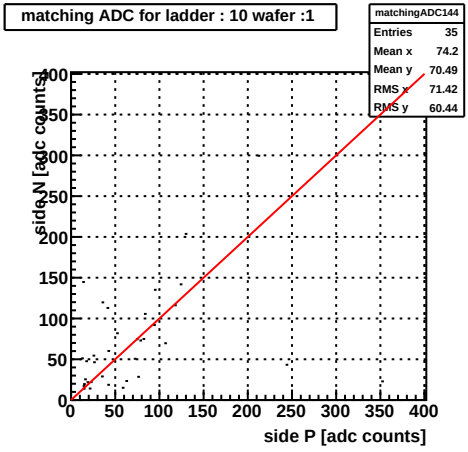

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 161
Mean x 83.77
Mean y 88.95
RMS x 68.1
RMS y 70.95
side N [adc counts]
side P [adc counts]

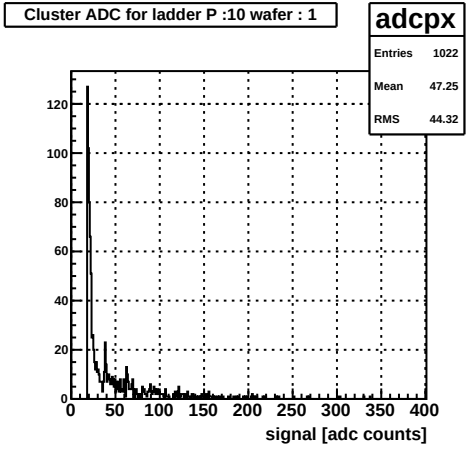

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 521
Mean 75.98
RMS 61.92
signal [adc counts]

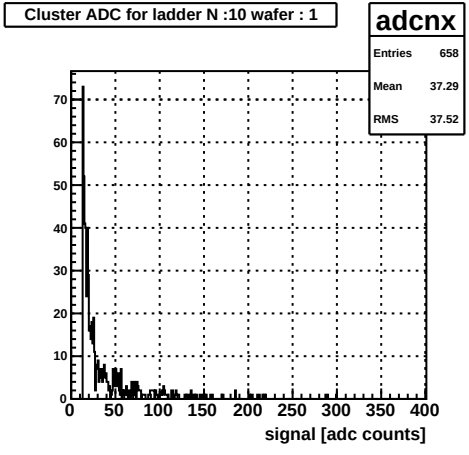

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3765
Mean 21.81
RMS 23.34
signal [adc counts]

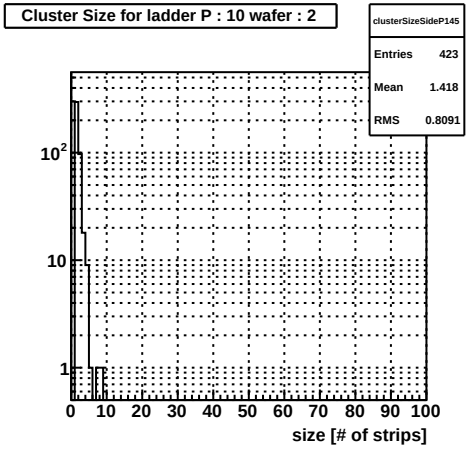

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1022
Mean 1.744
RMS 1.209
size [# of strips]

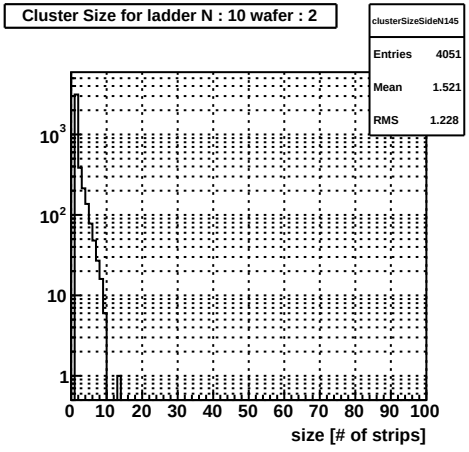

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 658
Mean 1.578
RMS 1.233
size [# of strips]

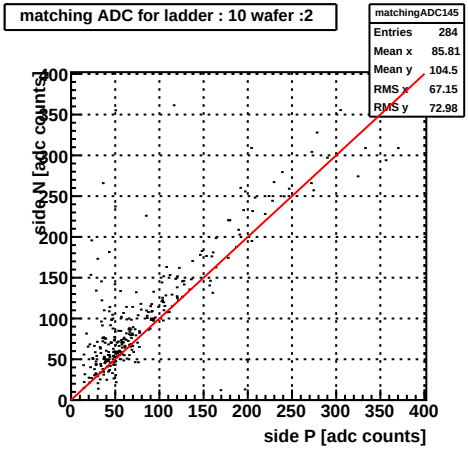

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 35
Mean x 74.2
Mean y 70.49
RMS x 71.42
RMS y 60.44
side N [adc counts]
side P [adc counts]

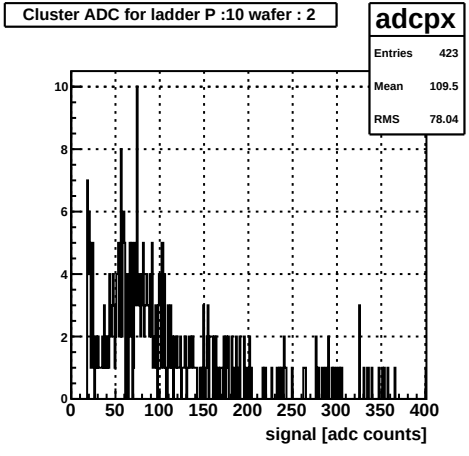

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1022
Mean 47.25
RMS 44.32
signal [adc counts]

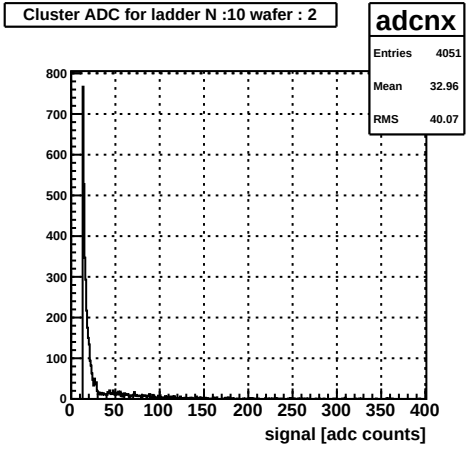

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 658
Mean 37.29
RMS 37.52
signal [adc counts]

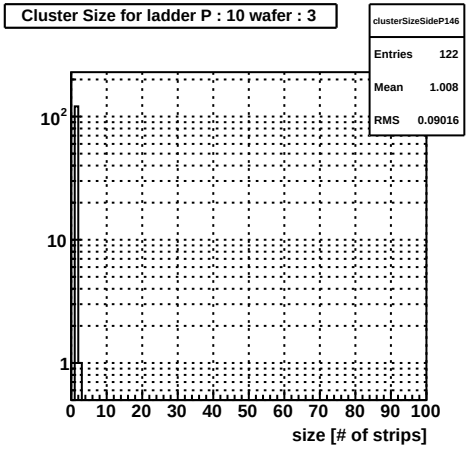

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 423
Mean 1.418
RMS 0.8091
size [# of strips]

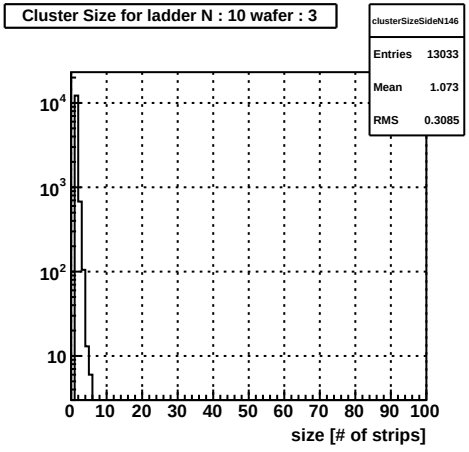

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4051
Mean 1.521
RMS 1.228
size [# of strips]

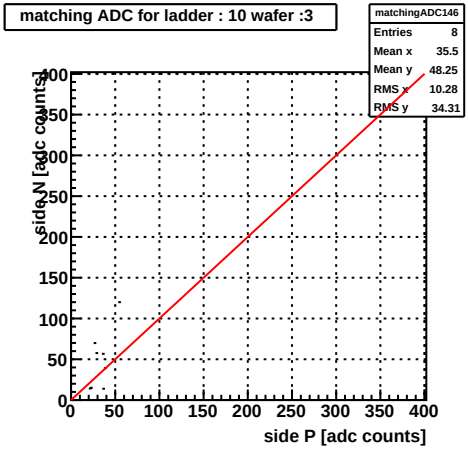

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 284
Mean x 85.81
Mean y 104.5
RMS x 67.15
RMS y 72.98
side N [adc counts]
side P [adc counts]

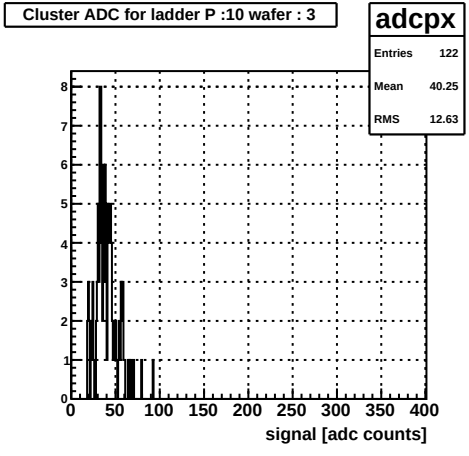

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 423
Mean 109.5
RMS 78.04
signal [adc counts]

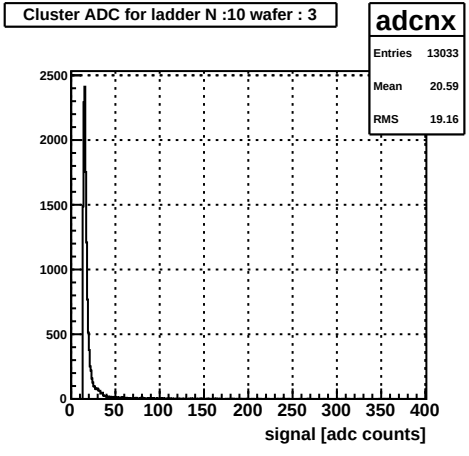

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4051
Mean 32.96
RMS 40.07
signal [adc counts]

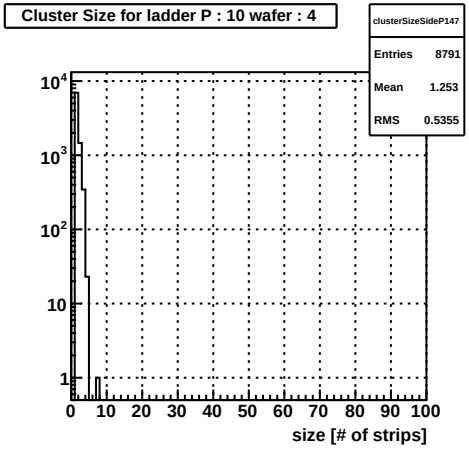

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 122
Mean 1.008
RMS 0.09016
size [# of strips]

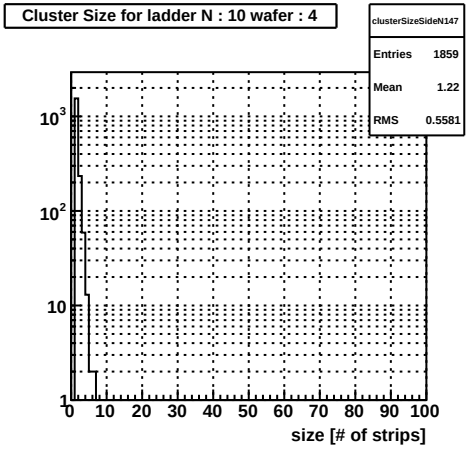

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13033
Mean 1.073
RMS 0.3085
size [# of strips]

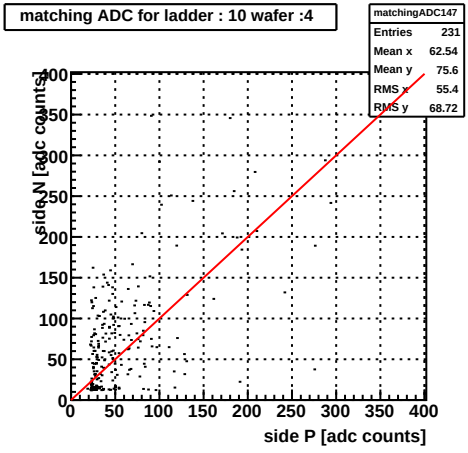

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 8
Mean x 35.5
Mean y 48.25
RMS x 10.28
RMS y 34.31
side N [adc counts]
side P [adc counts]

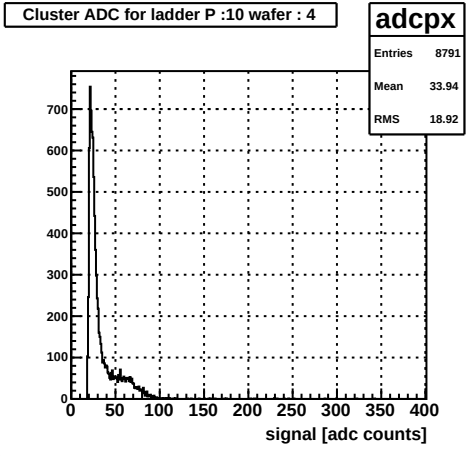

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 122
Mean 40.25
RMS 12.63
signal [adc counts]

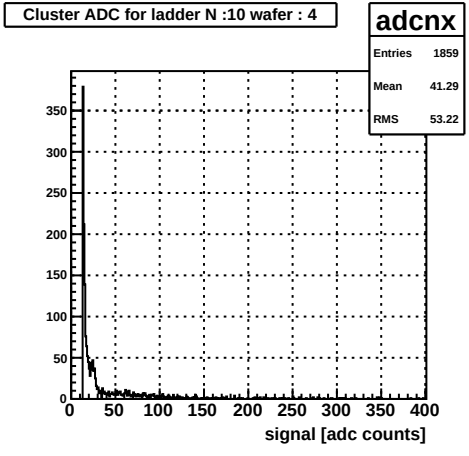

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13033
Mean 20.59
RMS 19.16
signal [adc counts]

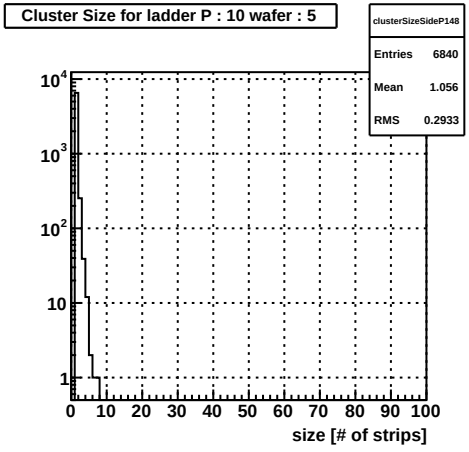

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8791
Mean 1.253
RMS 0.5355
size [# of strips]

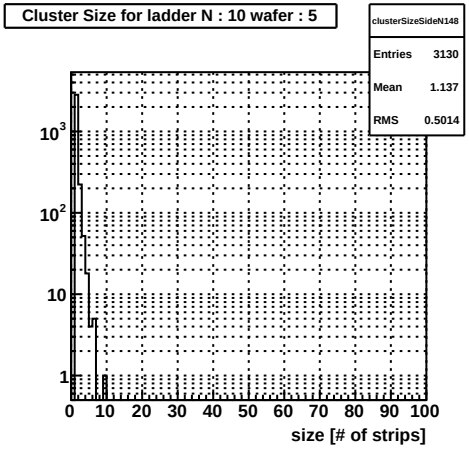

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1859
Mean 1.22
RMS 0.5581
size [# of strips]

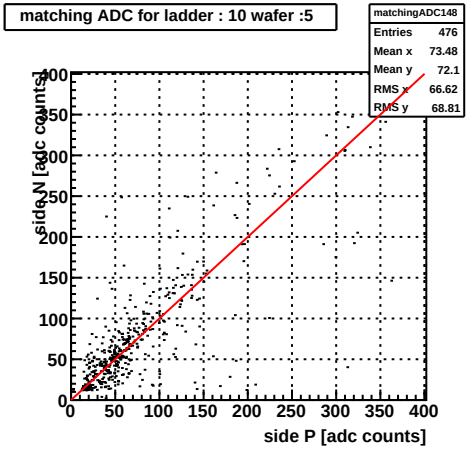

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 231
Mean x 62.54
Mean y 75.6
RMS x 55.4
RMS y 68.72
side N [adc counts]
side P [adc counts]

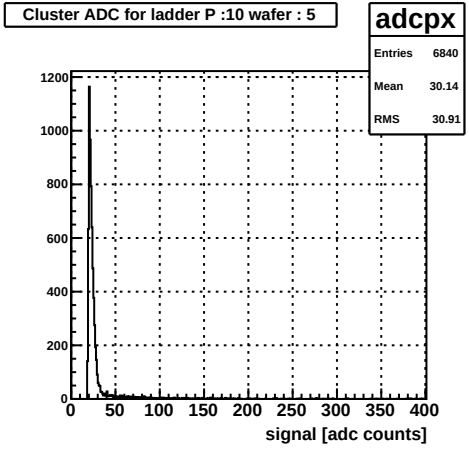

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8791
Mean 33.94
RMS 18.92
signal [adc counts]

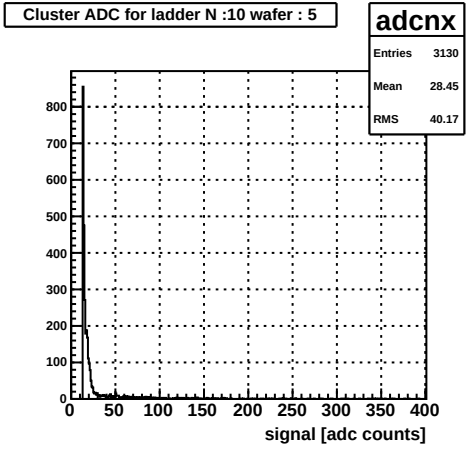

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1859
Mean 41.29
RMS 53.22
signal [adc counts]

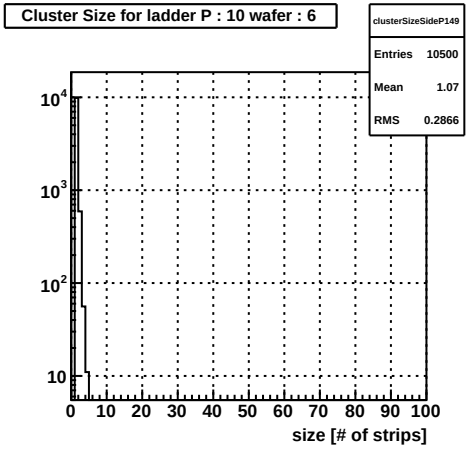

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6840
Mean 1.056
RMS 0.2933
size [# of strips]

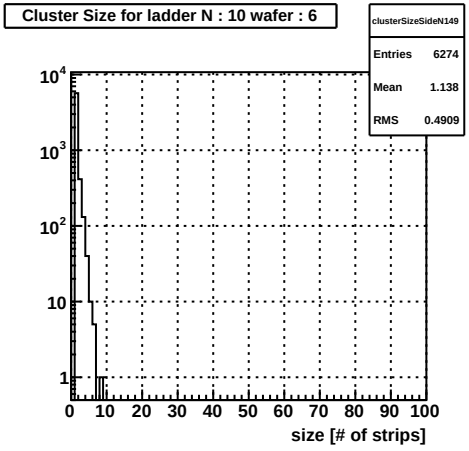

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3130
Mean 1.137
RMS 0.5014
size [# of strips]

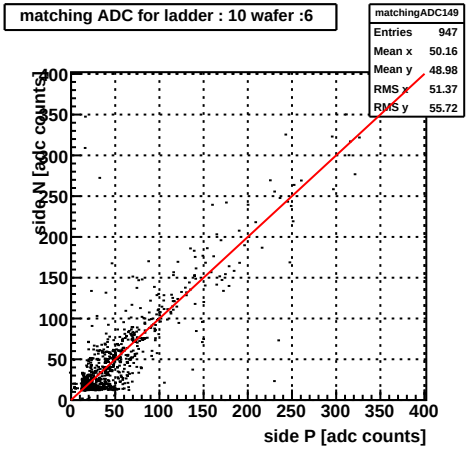

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 476
Mean x 73.48
Mean y 72.1
RMS x 66.62
RMS y 68.81
side N [adc counts]
side P [adc counts]

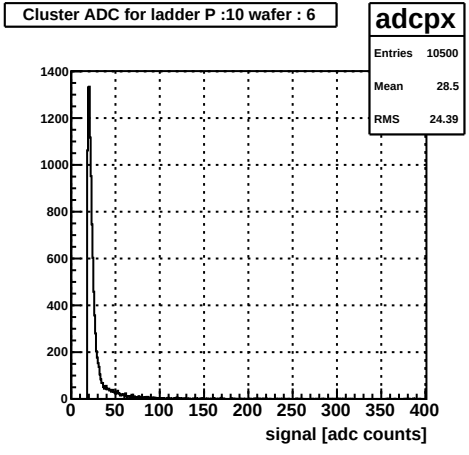

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6840
Mean 30.14
RMS 30.91
signal [adc counts]

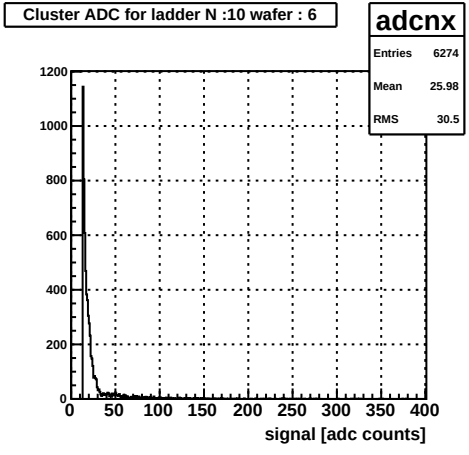

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3130
Mean 28.45
RMS 40.17
signal [adc counts]

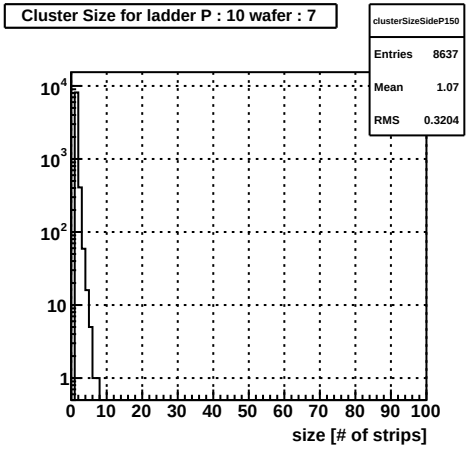

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10500
Mean 1.07
RMS 0.2866
size [# of strips]

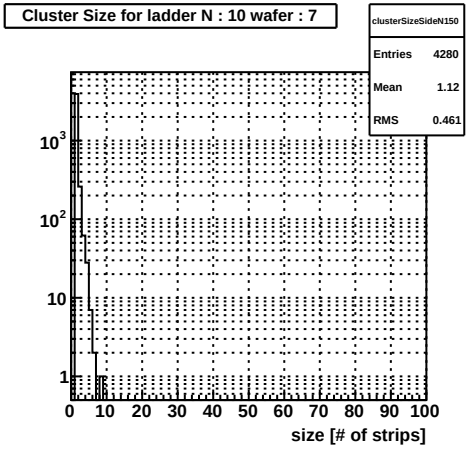

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6274
Mean 1.138
RMS 0.4909
size [# of strips]

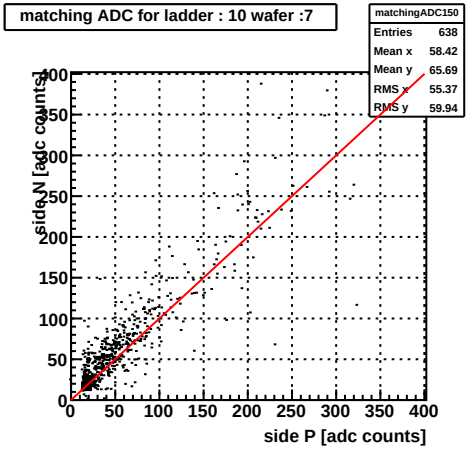

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 947
Mean x 50.16
Mean y 48.98
RMS x 51.37
RMS y 55.72
side N [adc counts]
side P [adc counts]

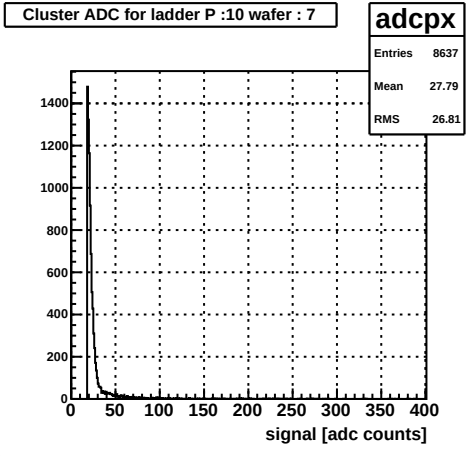

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10500
Mean 28.5
RMS 24.39
signal [adc counts]

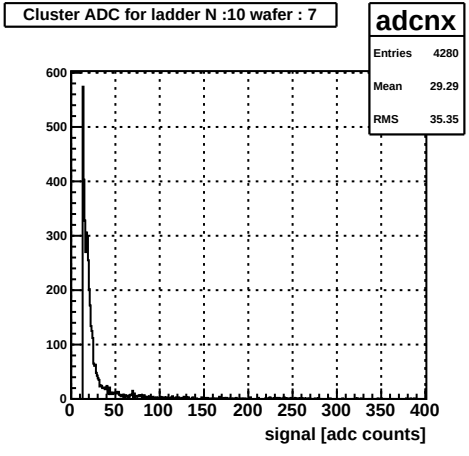

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6274
Mean 25.98
RMS 30.5
signal [adc counts]

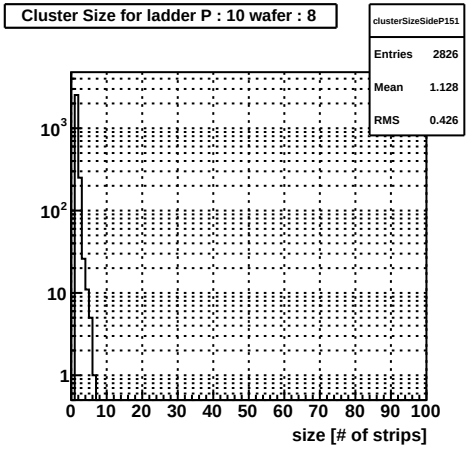

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 8637
Mean 1.07
RMS 0.3204
size [# of strips]

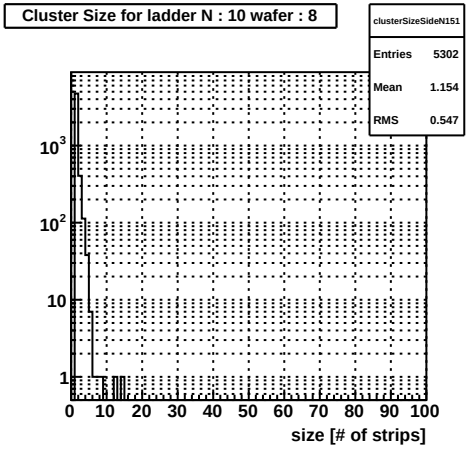

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4280
Mean 1.12
RMS 0.461
size [# of strips]

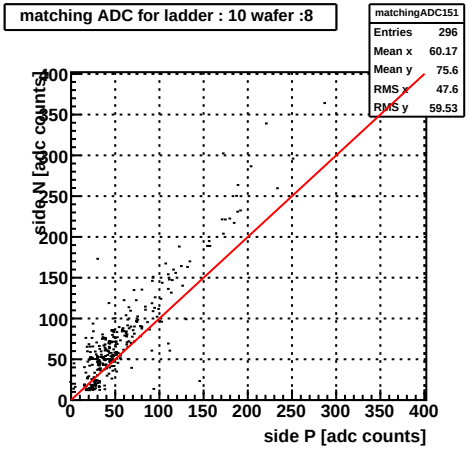

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 638
Mean x 58.42
Mean y 65.69
RMS x 55.37
RMS y 59.94
side N [adc counts]
side P [adc counts]

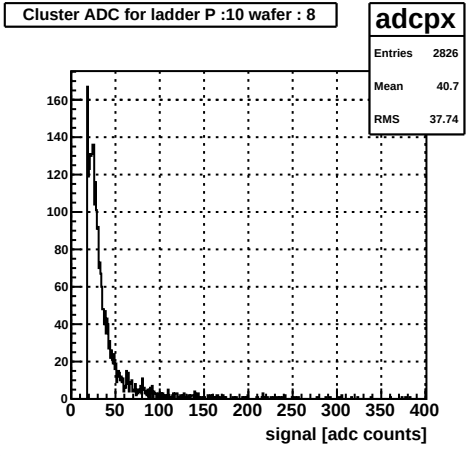

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 8637
Mean 27.79
RMS 26.81
signal [adc counts]

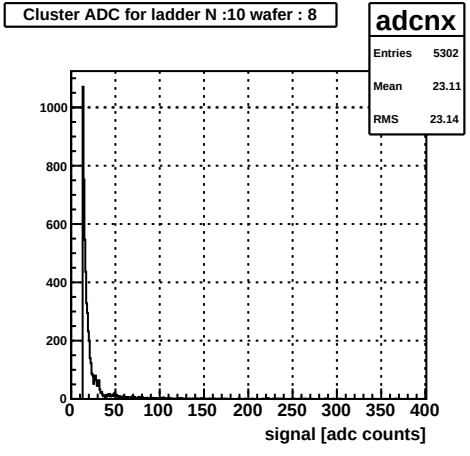

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4280
Mean 29.29
RMS 35.35
signal [adc counts]

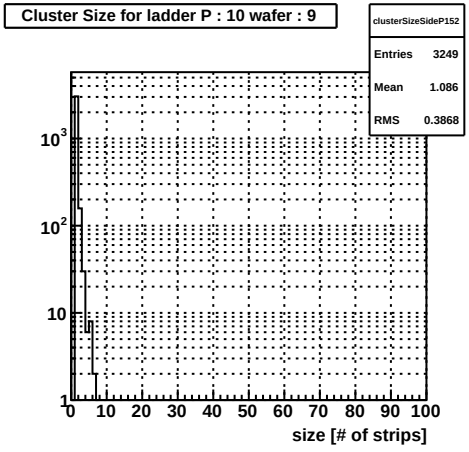

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2826
Mean 1.128
RMS 0.426
size [# of strips]

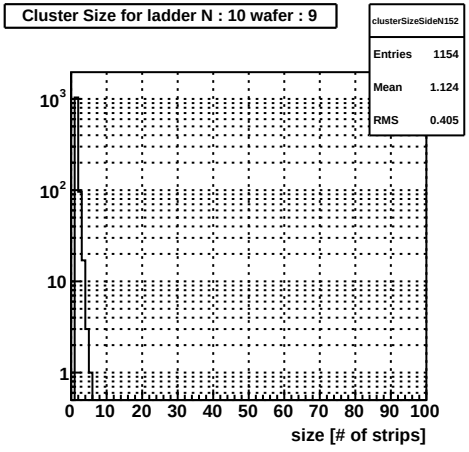

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5302
Mean 1.154
RMS 0.547
size [# of strips]

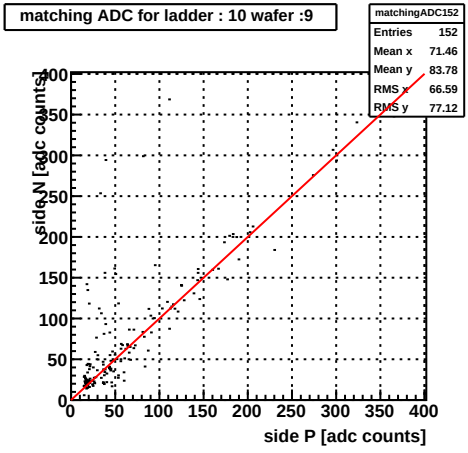

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 296
Mean x 60.17
Mean y 75.6
RMS x 47.6
RMS y 59.53
side N [adc counts]
side P [adc counts]

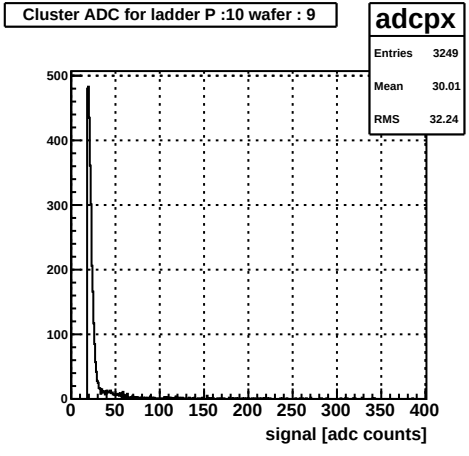

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2826
Mean 40.7
RMS 37.74
signal [adc counts]

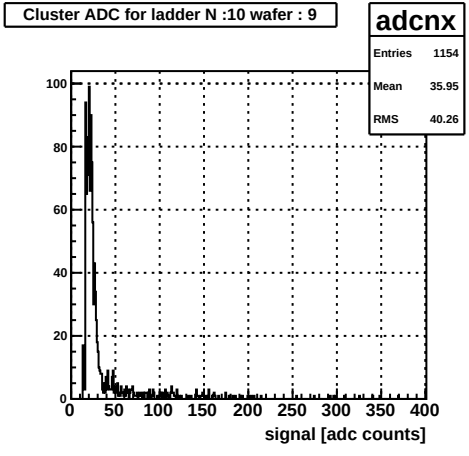

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5302
Mean 23.11
RMS 23.14
signal [adc counts]

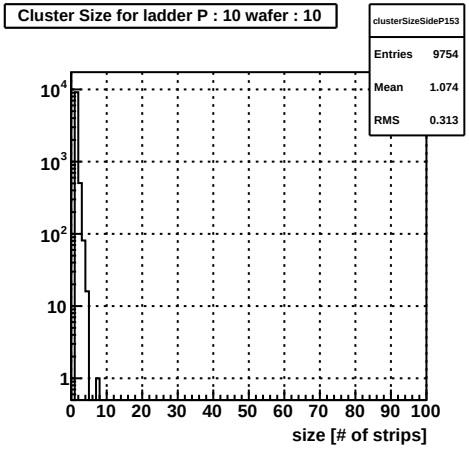

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3249
Mean 1.086
RMS 0.3868
size [# of strips]

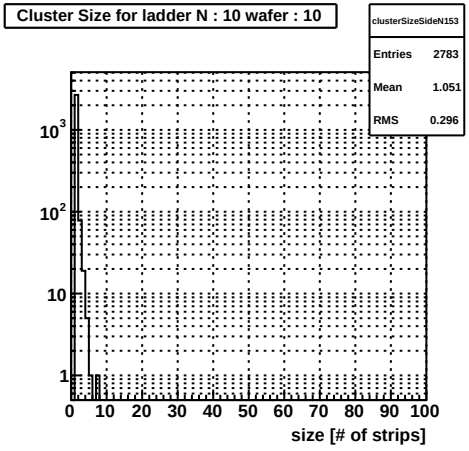

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1154
Mean 1.124
RMS 0.405
size [# of strips]

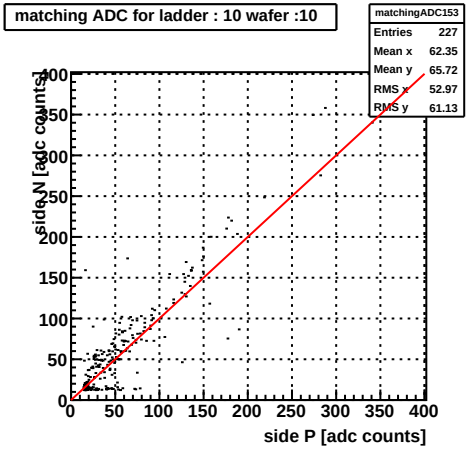

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 152
Mean x 71.46
Mean y 83.78
RMS x 66.59
RMS y 77.12
side N [adc counts]
side P [adc counts]

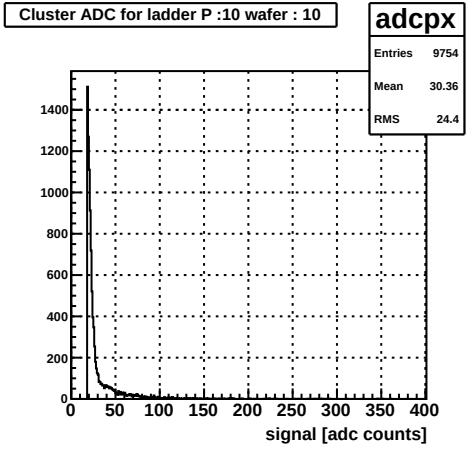

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3249
Mean 30.01
RMS 32.24
signal [adc counts]

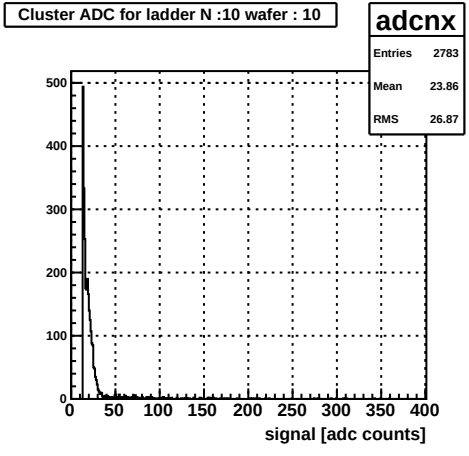

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1154
Mean 35.95
RMS 40.26
signal [adc counts]

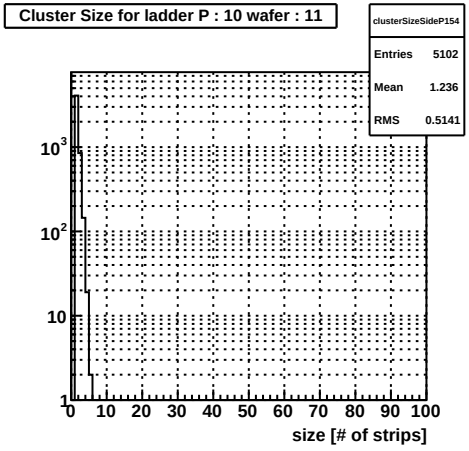

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 9754
Mean 1.074
RMS 0.313
size [# of strips]

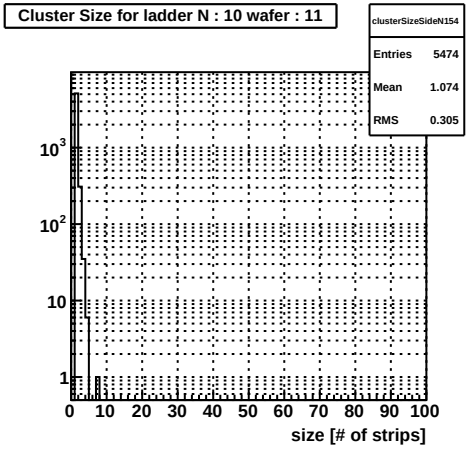

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2783
Mean 1.051
RMS 0.296
size [# of strips]

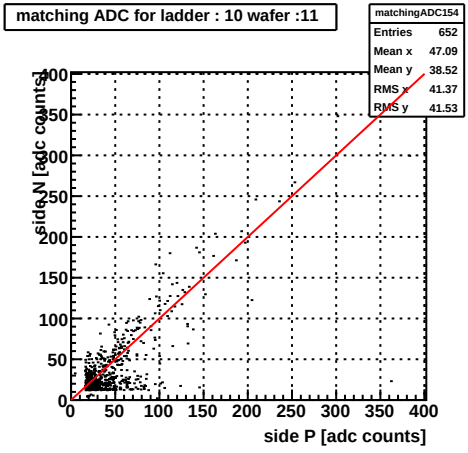

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 227
Mean x 62.35
Mean y 65.72
RMS x 52.97
RMS y 61.13
side N [adc counts]
side P [adc counts]

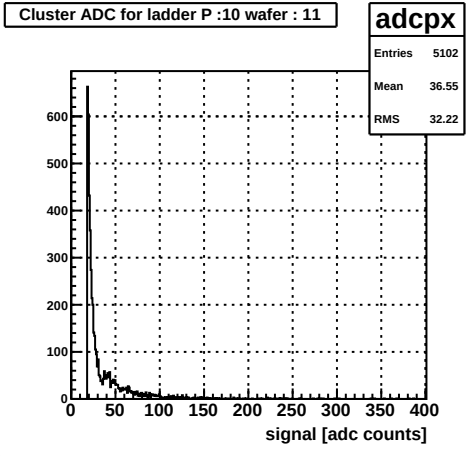

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 9754
Mean 30.36
RMS 24.4
signal [adc counts]

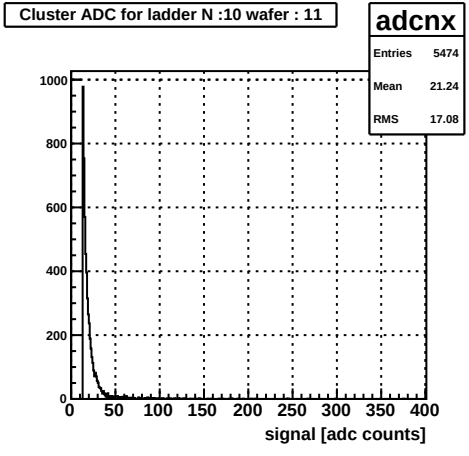

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2783
Mean 23.86
RMS 26.87
signal [adc counts]

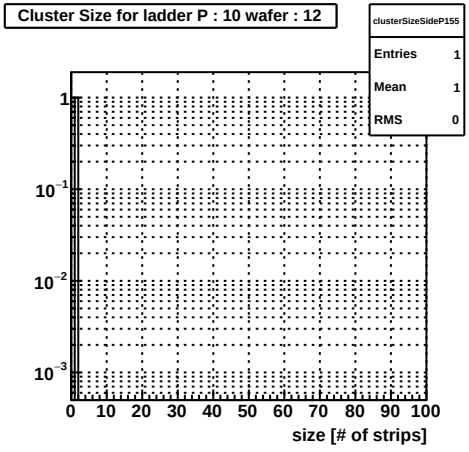

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5102
Mean 1.236
RMS 0.5141
size [# of strips]

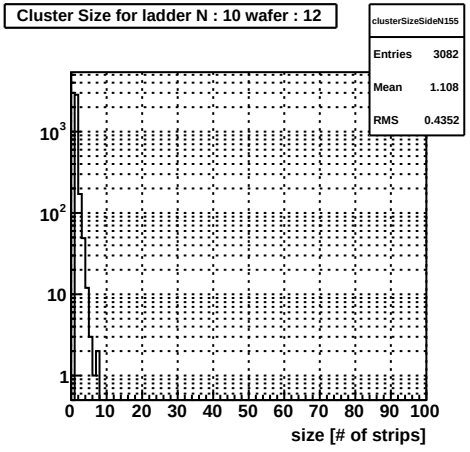

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5474
Mean 1.074
RMS 0.305
size [# of strips]

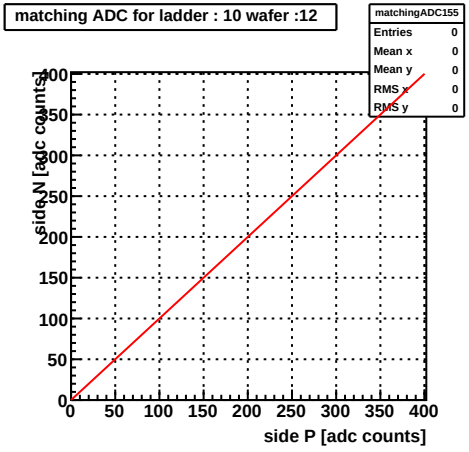

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 652
Mean x 47.09
Mean y 38.52
RMS x 41.37
RMS y 41.53
side N [adc counts]
side P [adc counts]

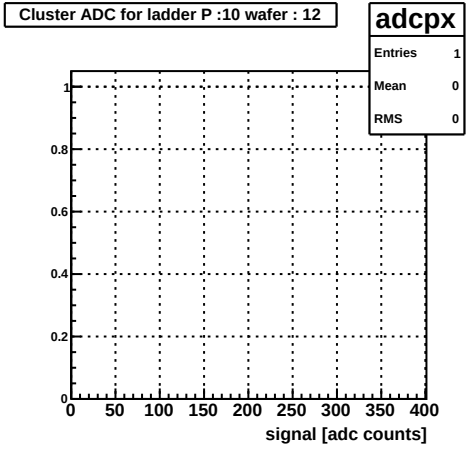

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5102
Mean 36.55
RMS 32.22
signal [adc counts]

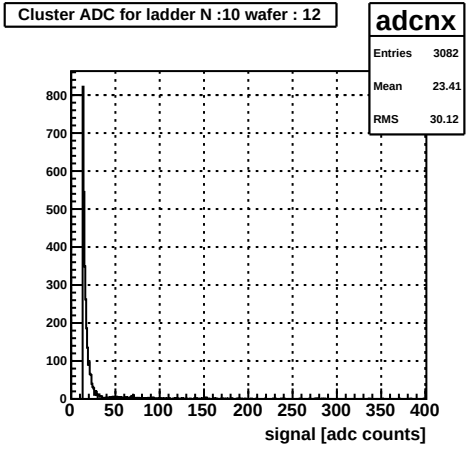

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5474
Mean 21.24
RMS 17.08
signal [adc counts]

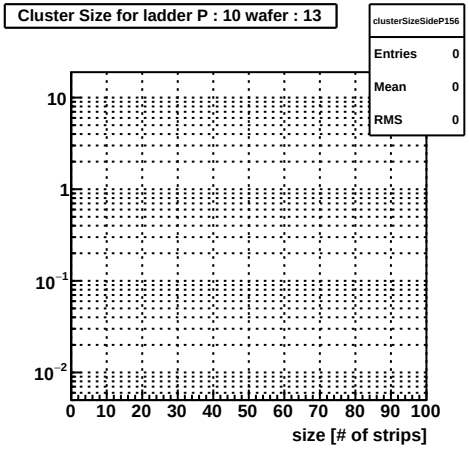

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

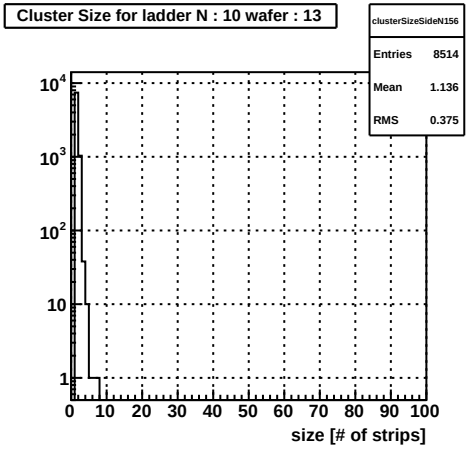

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3082
Mean 1.108
RMS 0.4352
size [# of strips]

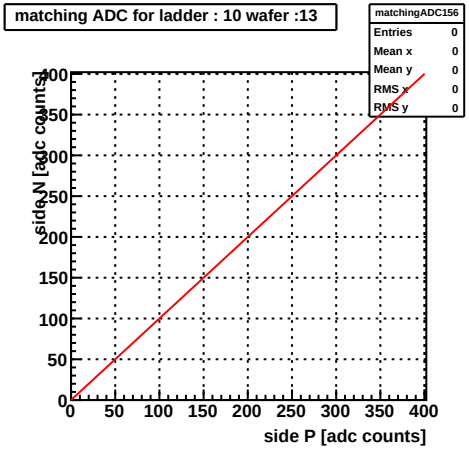

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

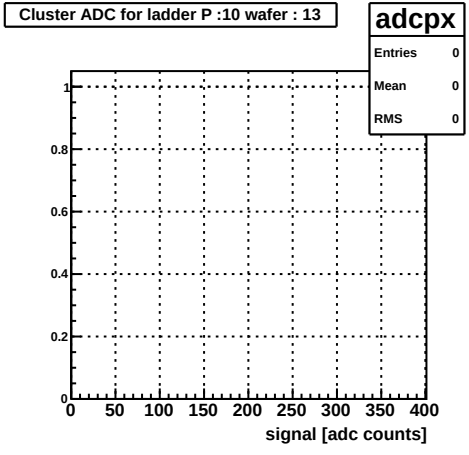

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

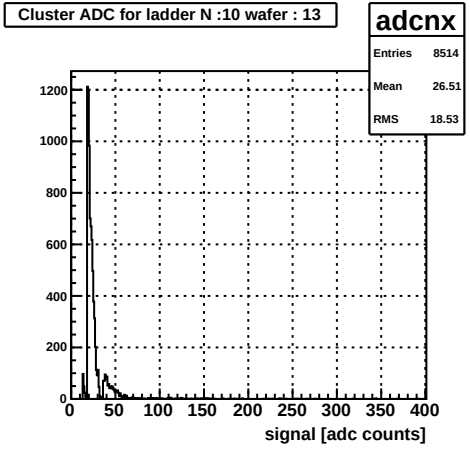

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3082
Mean 23.41
RMS 30.12
signal [adc counts]

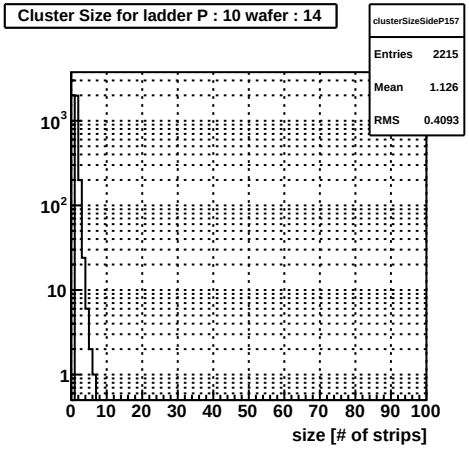

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

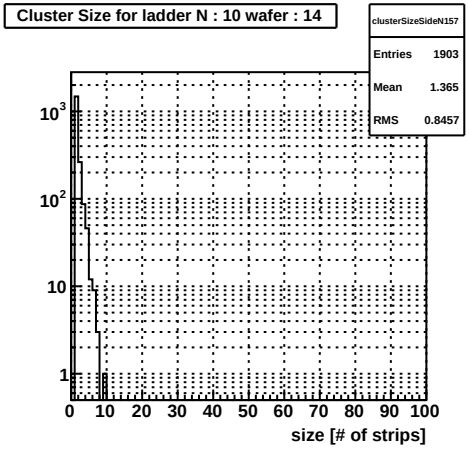

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 8514
Mean 1.136
RMS 0.375
size [# of strips]

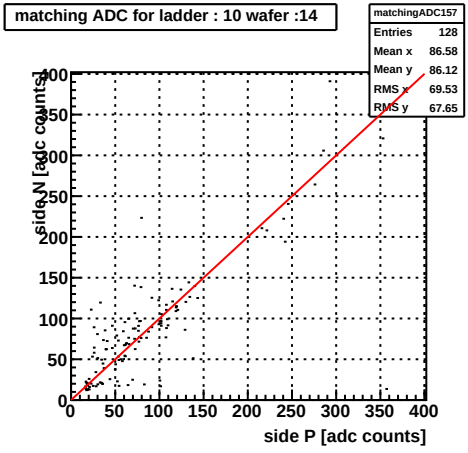

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

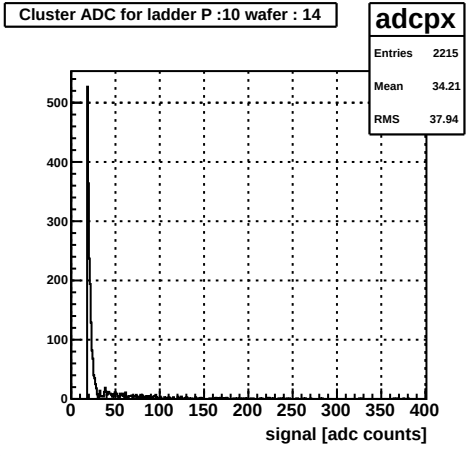

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

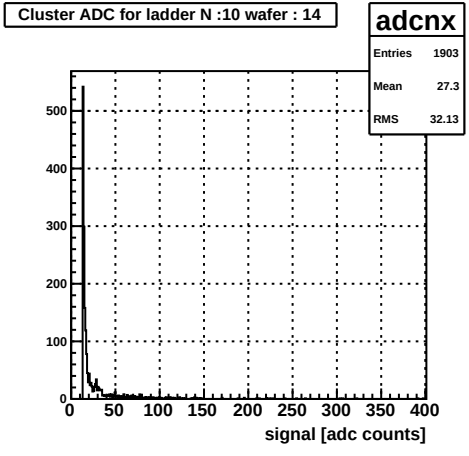

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 8514
Mean 26.51
RMS 18.53
signal [adc counts]

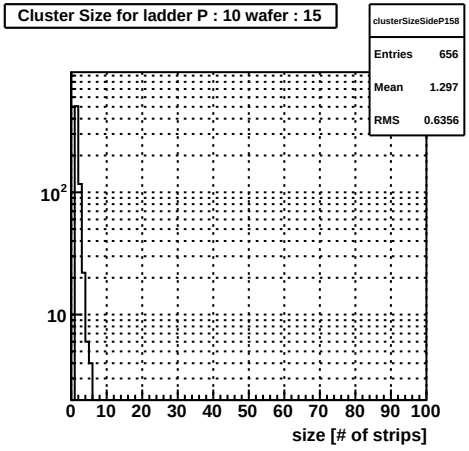

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2215
Mean 1.126
RMS 0.4093
size [# of strips]

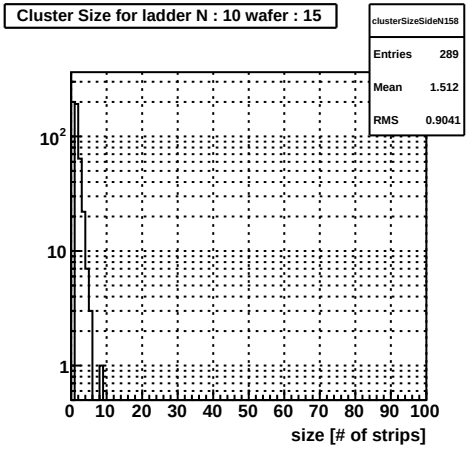

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1903
Mean 1.365
RMS 0.8457
size [# of strips]

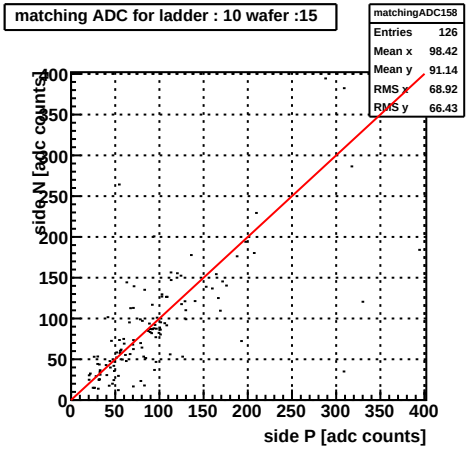

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 128
Mean x 86.58
Mean y 86.12
RMS x 69.53
RMS y 67.65
side N [adc counts]
side P [adc counts]

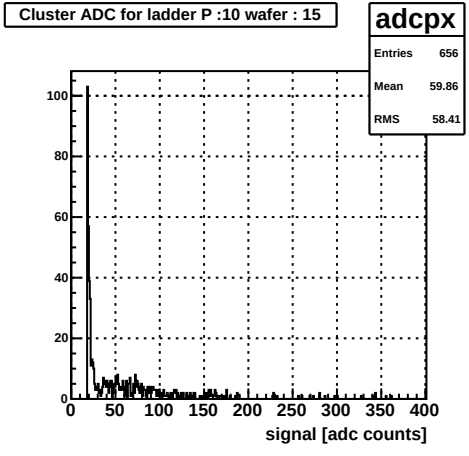

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2215
Mean 34.21
RMS 37.94
signal [adc counts]

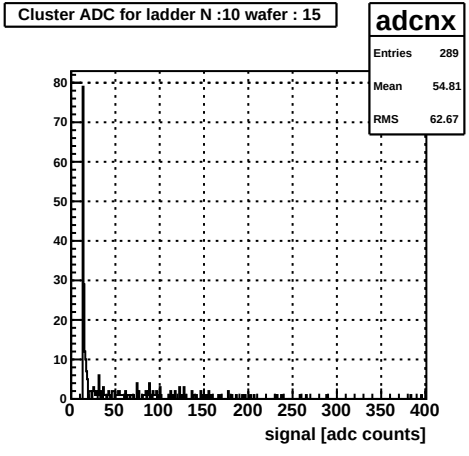

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1903
Mean 27.3
RMS 32.13
signal [adc counts]

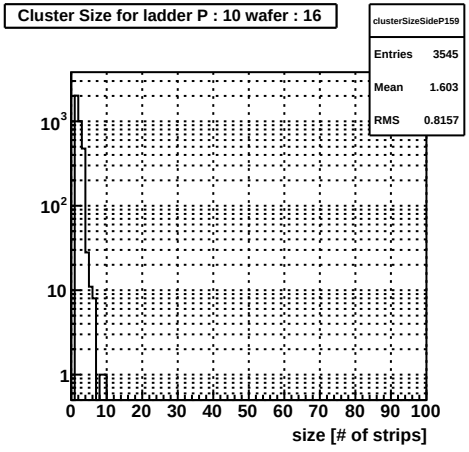

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 656
Mean 1.297
RMS 0.6356
size [# of strips]

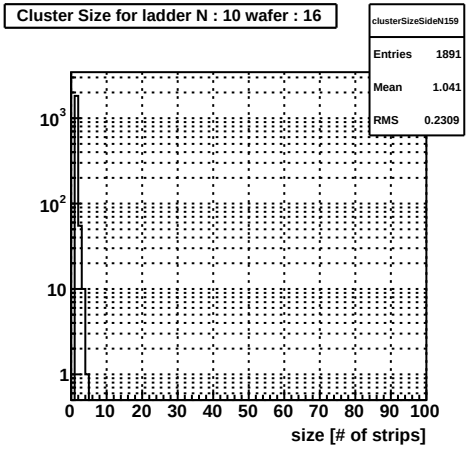

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 289
Mean 1.512
RMS 0.9041
size [# of strips]

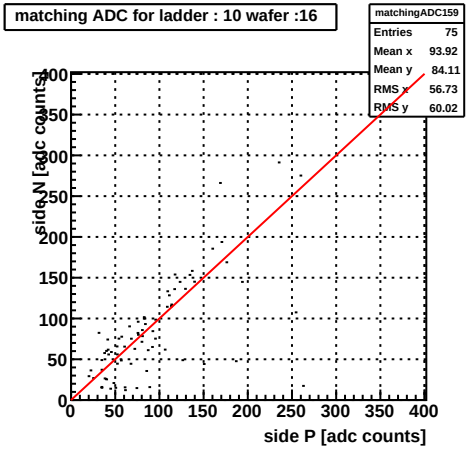

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 126
Mean x 98.42
Mean y 91.14
RMS x 68.92
RMS y 66.43
side N [adc counts]
side P [adc counts]

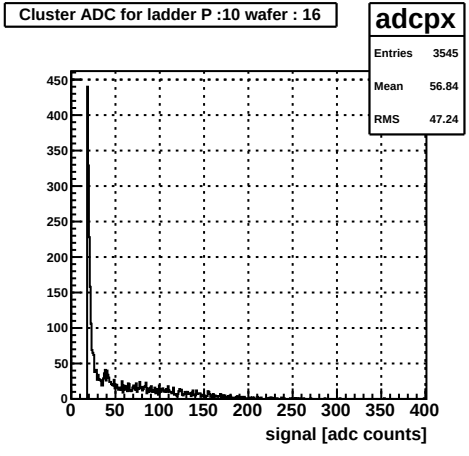

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 656
Mean 59.86
RMS 58.41
signal [adc counts]

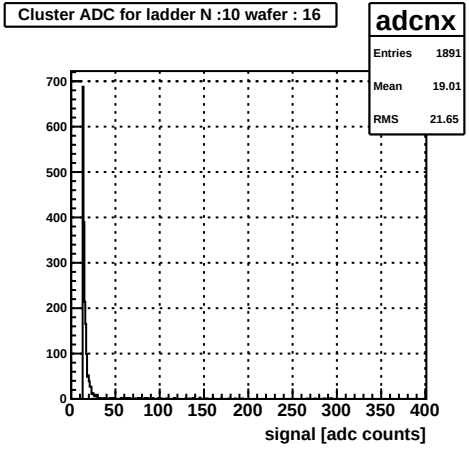

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 289
Mean 54.81
RMS 62.67
signal [adc counts]

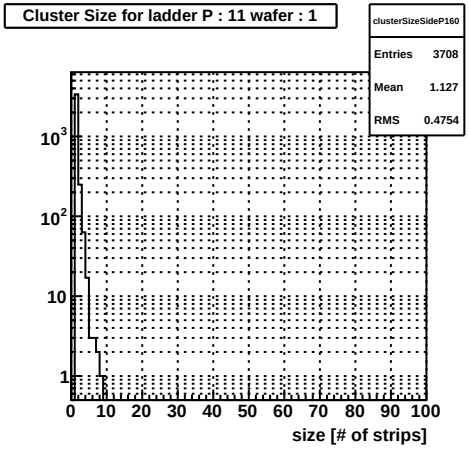

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3545
Mean 1.603
RMS 0.8157
size [# of strips]

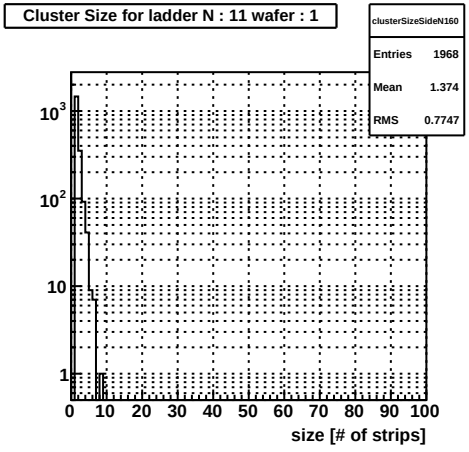

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1891
Mean 1.041
RMS 0.2309
size [# of strips]

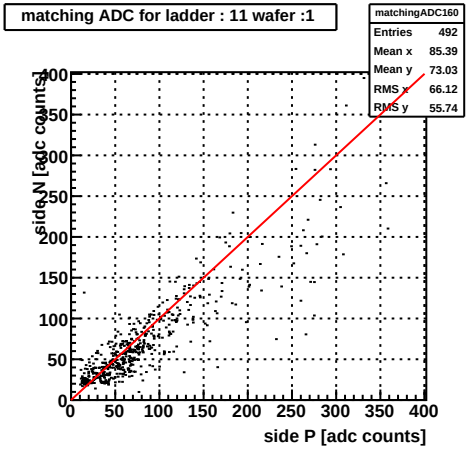

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 75
Mean x 93.92
Mean y 84.11
RMS x 56.73
RMS y 60.02
side N [adc counts]
side P [adc counts]

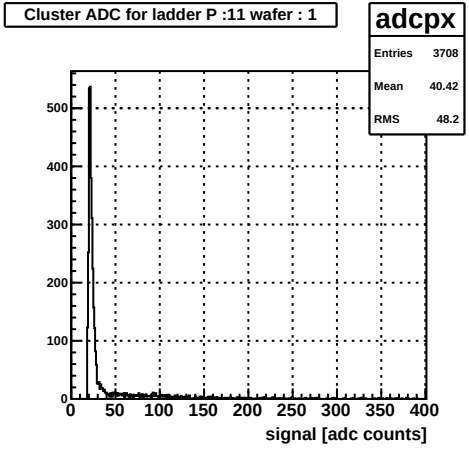

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3545
Mean 56.84
RMS 47.24
signal [adc counts]

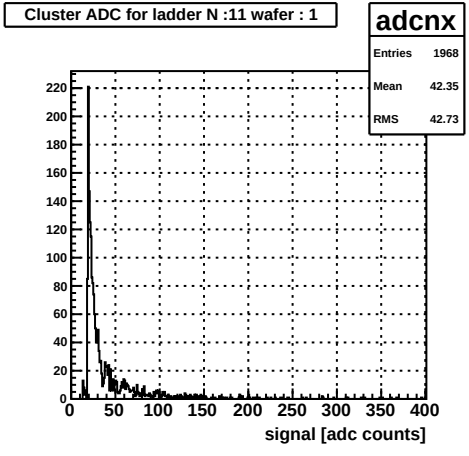

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1891
Mean 19.01
RMS 21.65
signal [adc counts]

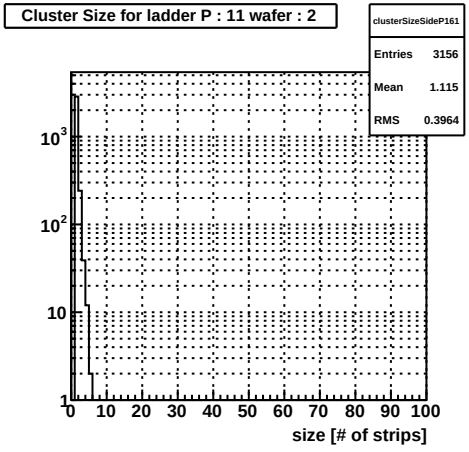

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3708
Mean 1.127
RMS 0.4754
size [# of strips]

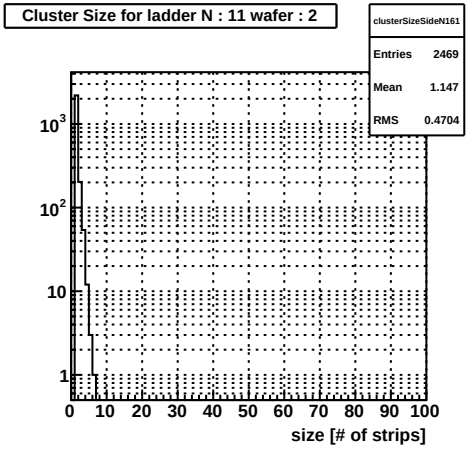

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1968
Mean 1.374
RMS 0.7747
size [# of strips]

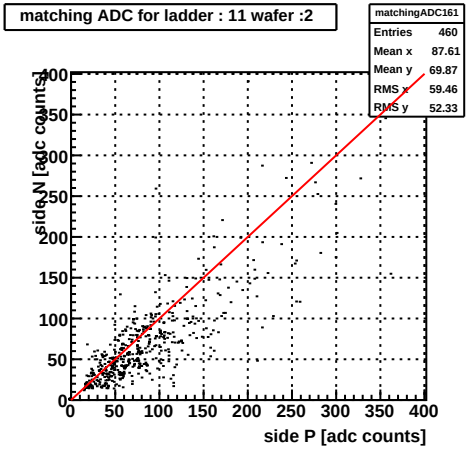

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 492
Mean x 85.39
Mean y 73.03
RMS x 66.12
RMS y 55.74
side N [adc counts]
side P [adc counts]

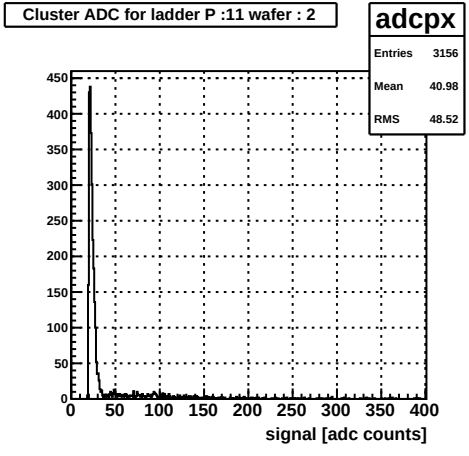

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3708
Mean 40.42
RMS 48.2
signal [adc counts]

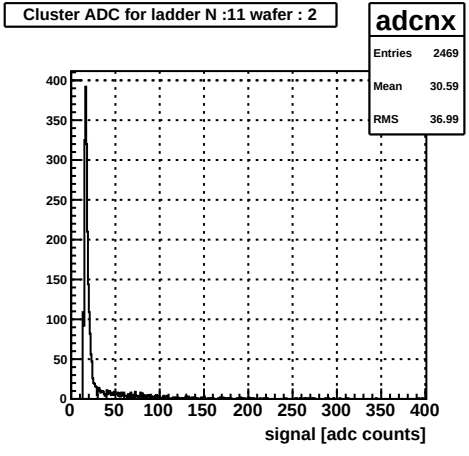

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1968
Mean 42.35
RMS 42.73
signal [adc counts]

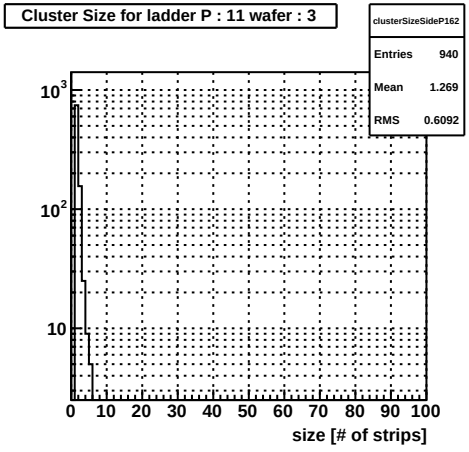

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3156
Mean 1.115
RMS 0.3964
size [# of strips]

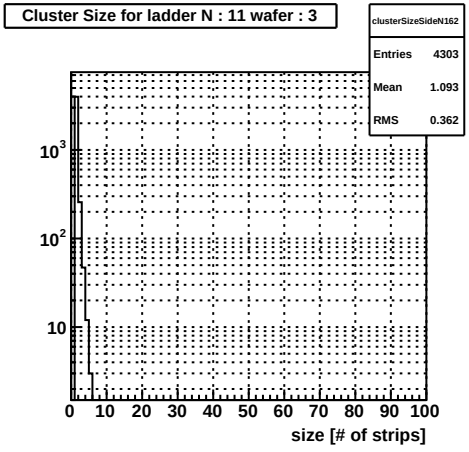

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2469
Mean 1.147
RMS 0.4704
size [# of strips]

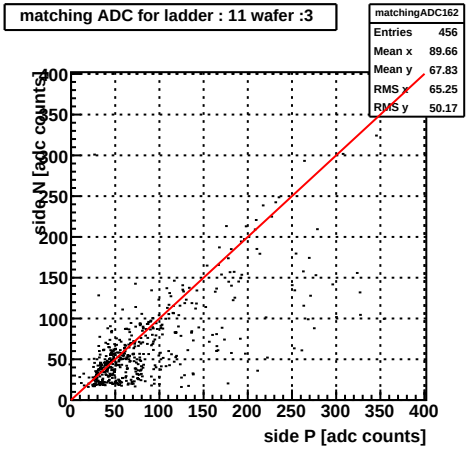

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 460
Mean x 87.61
Mean y 69.87
RMS x 59.46
RMS y 52.33
side N [adc counts]
side P [adc counts]

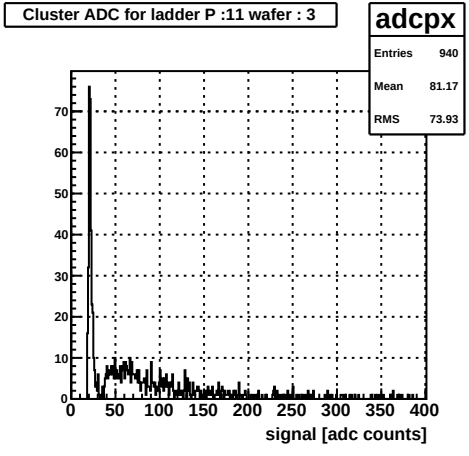

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3156
Mean 40.98
RMS 48.52
signal [adc counts]

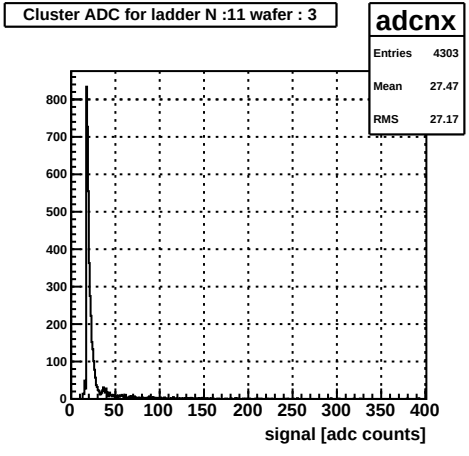

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2469
Mean 30.59
RMS 36.99
signal [adc counts]

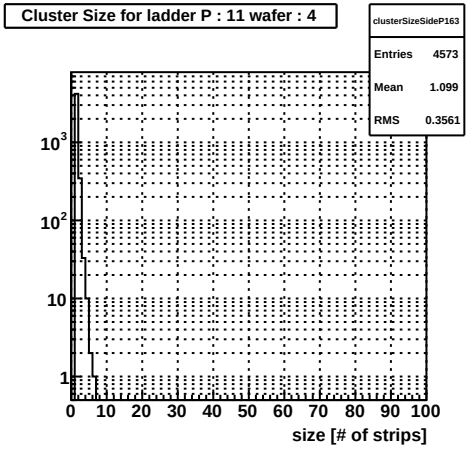

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 940
Mean 1.269
RMS 0.6092
size [# of strips]

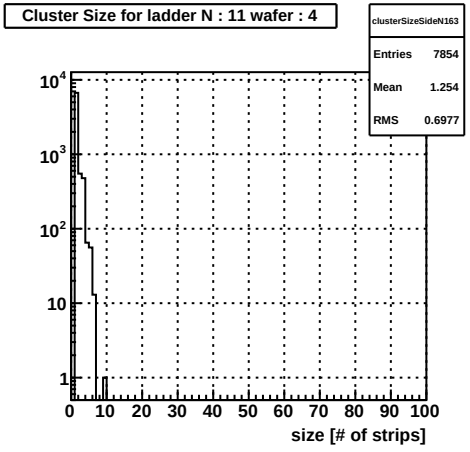

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 4303
Mean 1.093
RMS 0.362
size [# of strips]

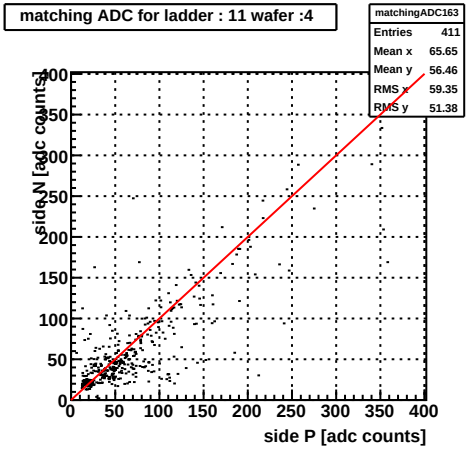

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 456
Mean x 89.66
Mean y 67.83
RMS x 65.25
RMS y 50.17
side N [adc counts]
side P [adc counts]

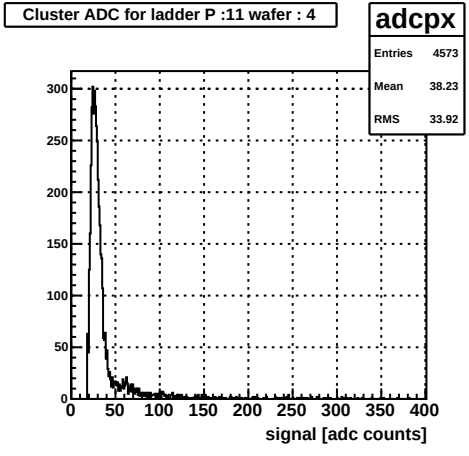

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 940
Mean 81.17
RMS 73.93
signal [adc counts]

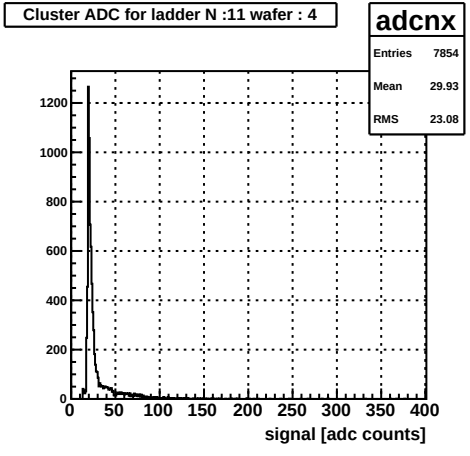

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 4303
Mean 27.47
RMS 27.17
signal [adc counts]

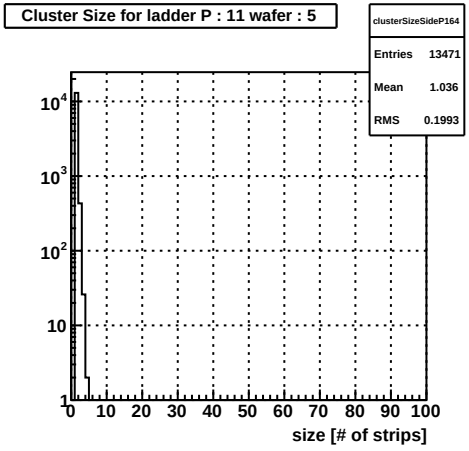

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4573
Mean 1.099
RMS 0.3561
size [# of strips]

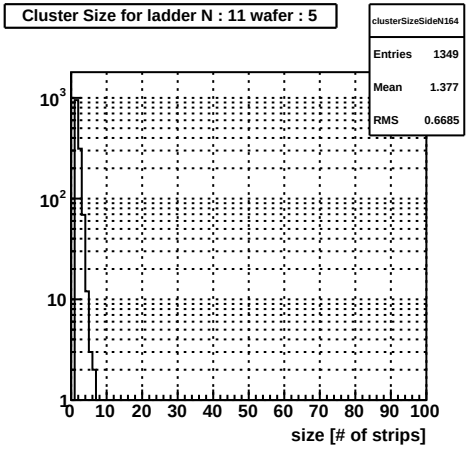

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7854
Mean 1.254
RMS 0.6977
size [# of strips]

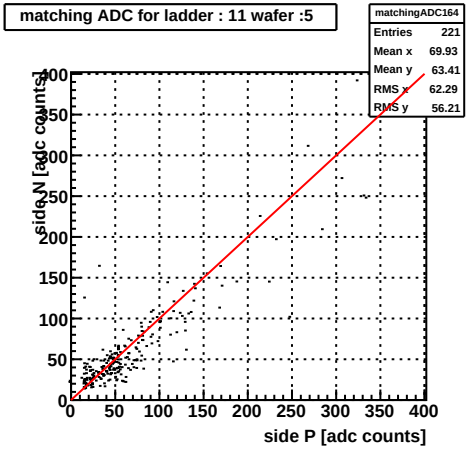

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 411
Mean x 65.65
Mean y 56.46
RMS x 59.35
RMS y 51.38
side N [adc counts]
side P [adc counts]

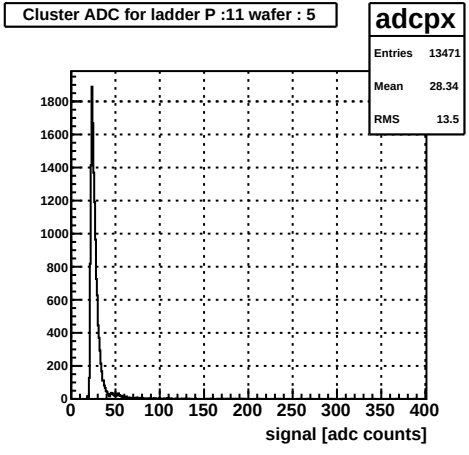

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4573
Mean 38.23
RMS 33.92
signal [adc counts]

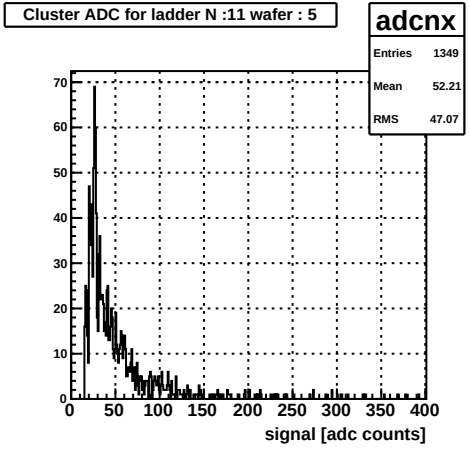

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7854
Mean 29.93
RMS 23.08
signal [adc counts]

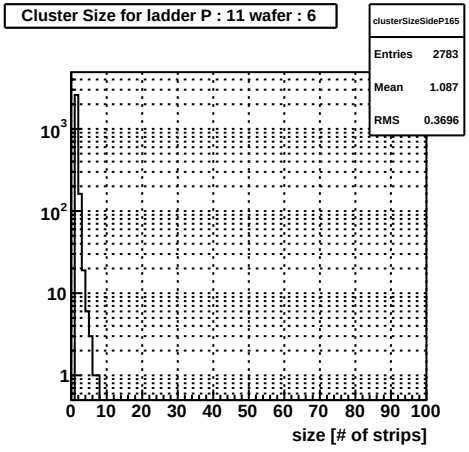

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13471
Mean 1.036
RMS 0.1993
size [# of strips]

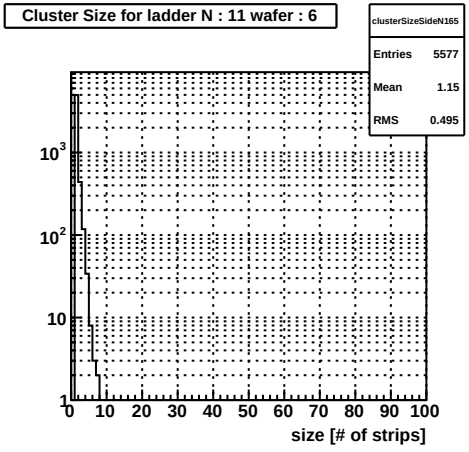

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1349
Mean 1.377
RMS 0.6685
size [# of strips]

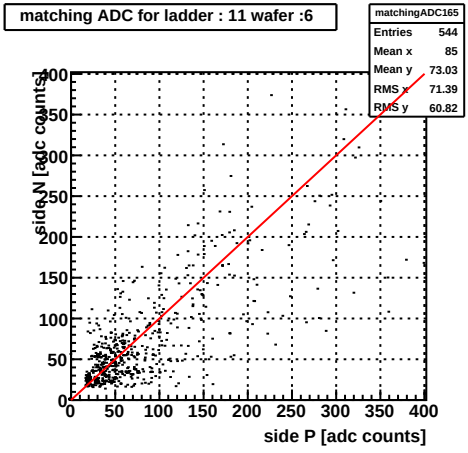

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 221
Mean x 69.93
Mean y 63.41
RMS x 62.29
RMS y 56.21
side N [adc counts]
side P [adc counts]

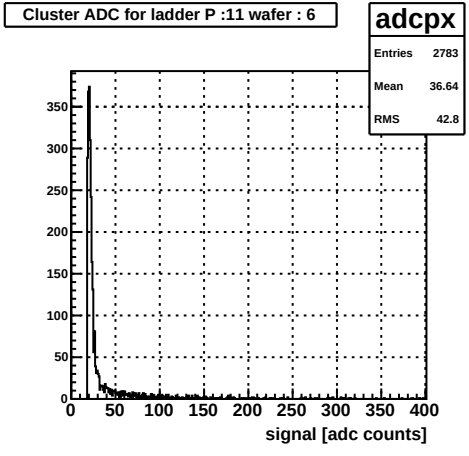

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13471
Mean 28.34
RMS 13.5
signal [adc counts]

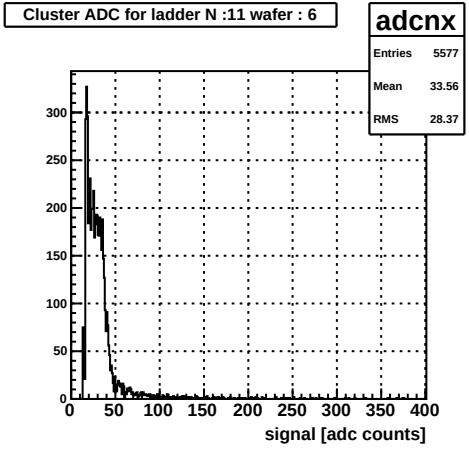

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1349
Mean 52.21
RMS 47.07
signal [adc counts]

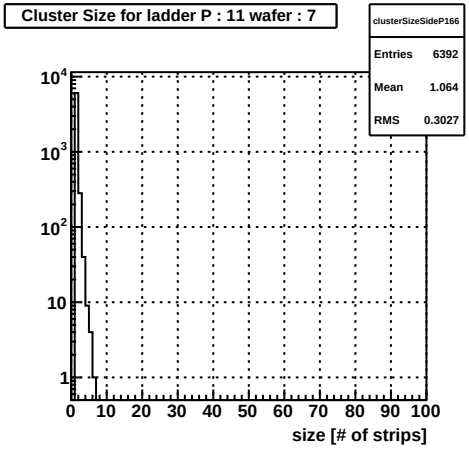

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2783
Mean 1.087
RMS 0.3696
size [# of strips]

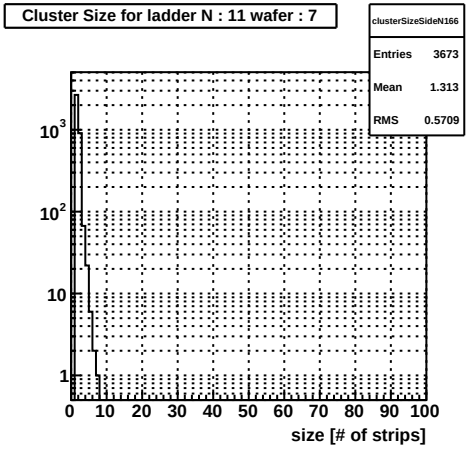

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5577
Mean 1.15
RMS 0.495
size [# of strips]

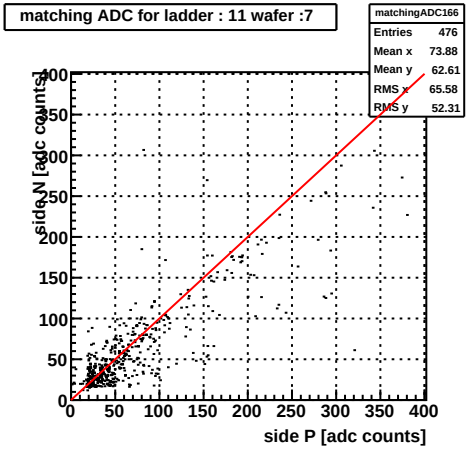

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 544
Mean x 85
Mean y 73.03
RMS x 71.39
RMS y 60.82
side N [adc counts]
side P [adc counts]

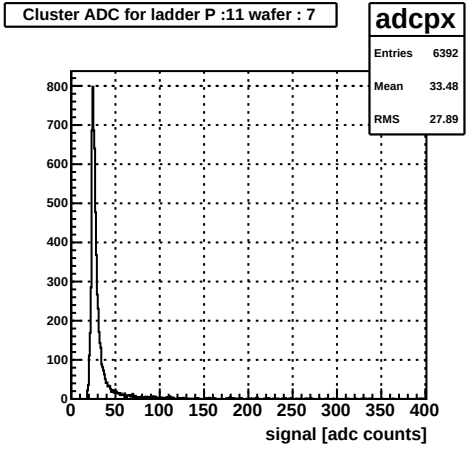

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2783
Mean 36.64
RMS 42.8
signal [adc counts]

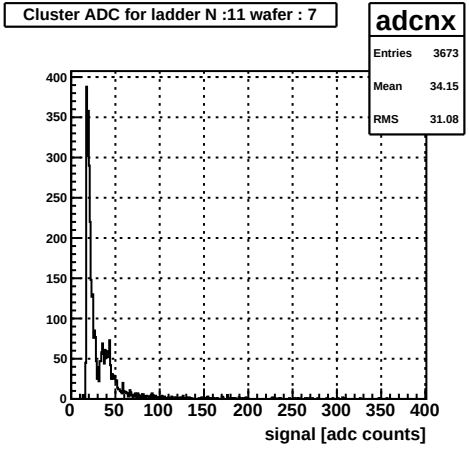

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5577
Mean 33.56
RMS 28.37
signal [adc counts]

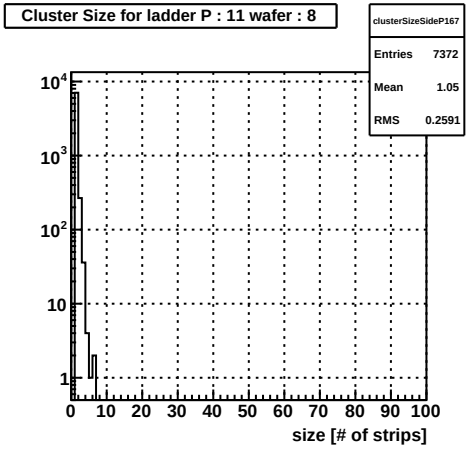

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6392
Mean 1.064
RMS 0.3027
size [# of strips]

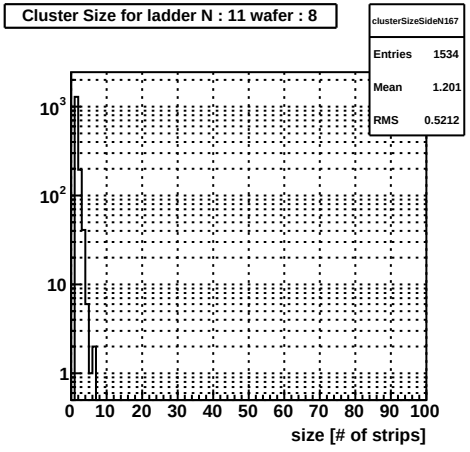

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3673
Mean 1.313
RMS 0.5709
size [# of strips]

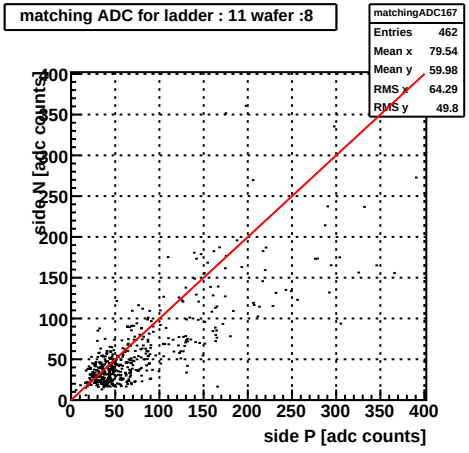

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 476
Mean x 73.88
Mean y 62.61
RMS x 65.58
RMS y 52.31
side N [adc counts]
side P [adc counts]

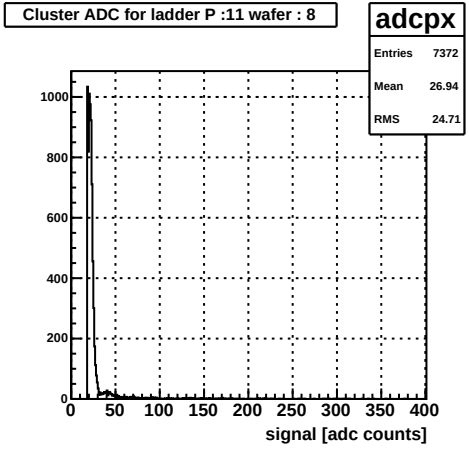

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6392
Mean 33.48
RMS 27.89
signal [adc counts]

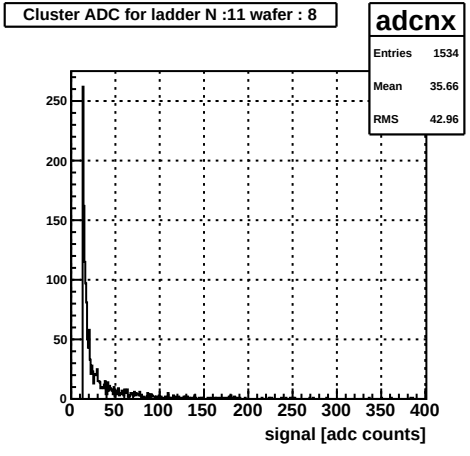

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3673
Mean 34.15
RMS 31.08
signal [adc counts]

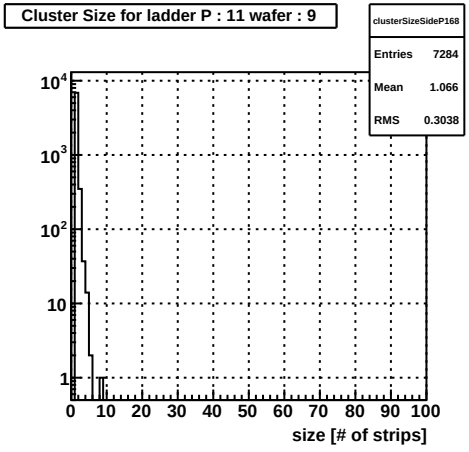

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7372
Mean 1.05
RMS 0.2591
size [# of strips]

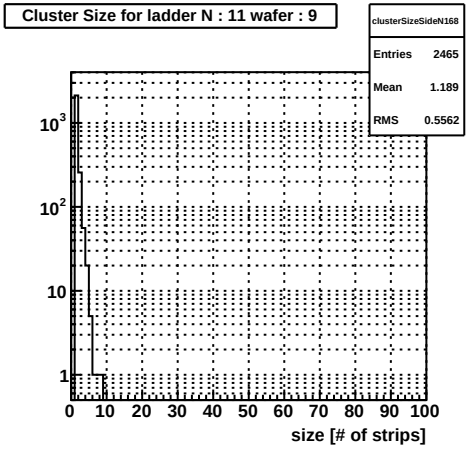

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1534
Mean 1.201
RMS 0.5212
size [# of strips]

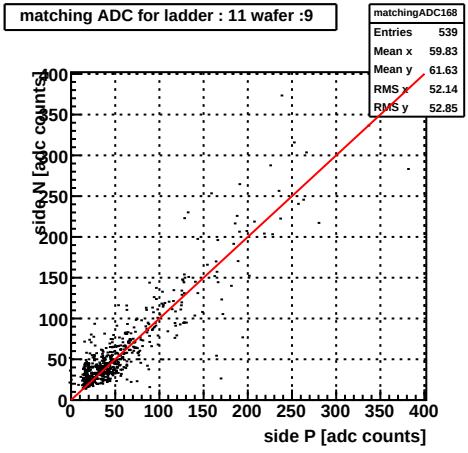

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 462
Mean x 79.54
Mean y 59.98
RMS x 64.29
RMS y 49.8
side N [adc counts]
side P [adc counts]

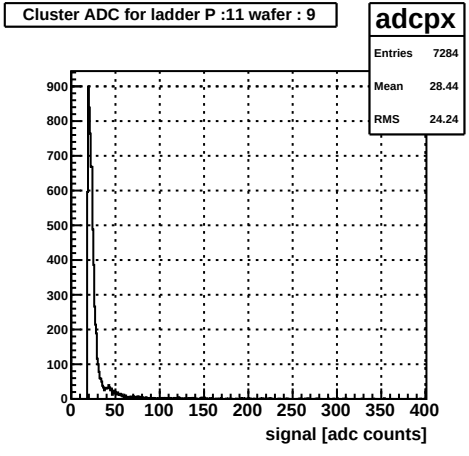

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7372
Mean 26.94
RMS 24.71
signal [adc counts]

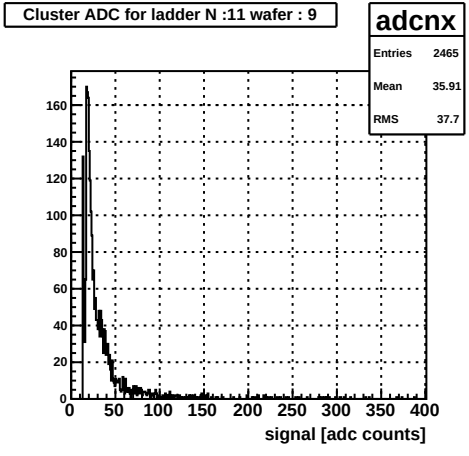

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1534
Mean 35.66
RMS 42.96
signal [adc counts]

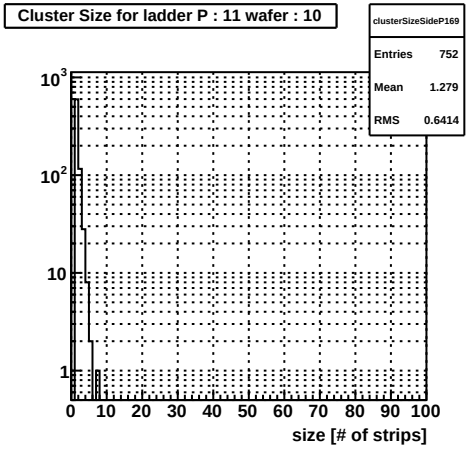

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7284
Mean 1.066
RMS 0.3038
size [# of strips]

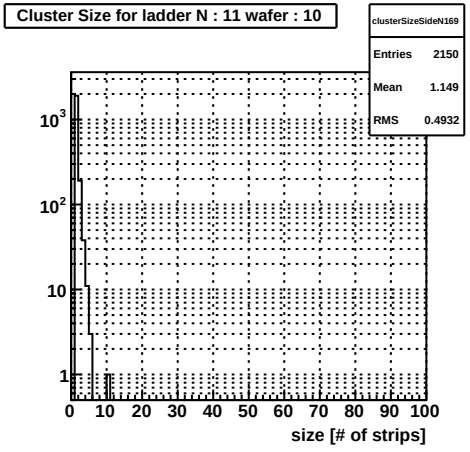

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2465
Mean 1.189
RMS 0.5562
size [# of strips]

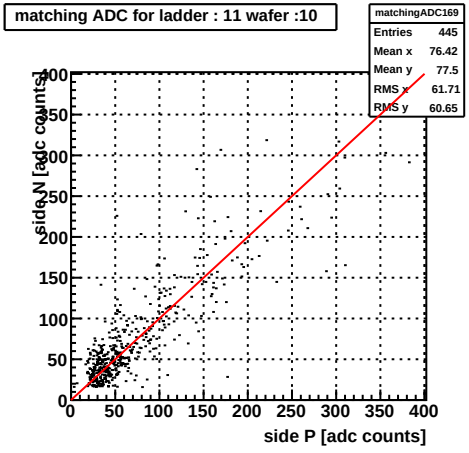

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 539
Mean x 59.83
Mean y 61.63
RMS x 52.14
RMS y 52.85
side N [adc counts]
side P [adc counts]

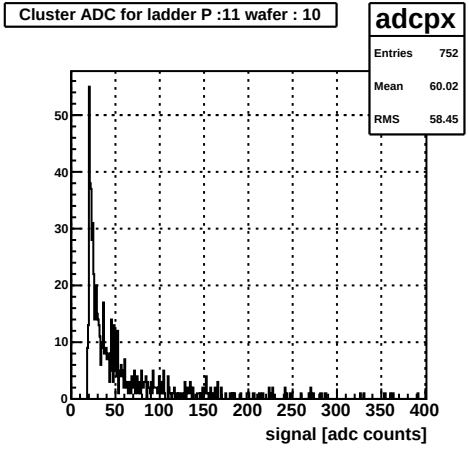

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7284
Mean 28.44
RMS 24.24
signal [adc counts]

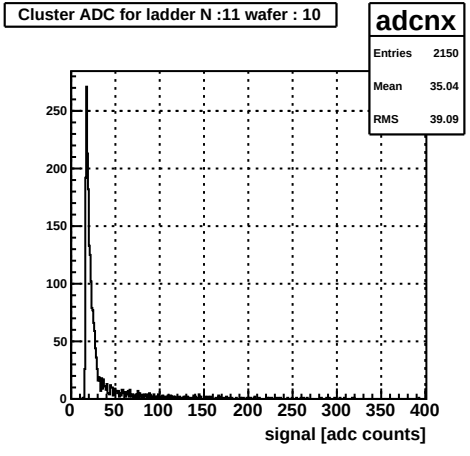

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2465
Mean 35.91
RMS 37.7
signal [adc counts]

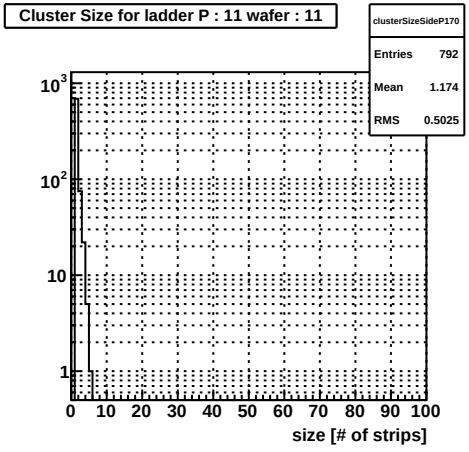

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 752
Mean 1.279
RMS 0.6414
size [# of strips]

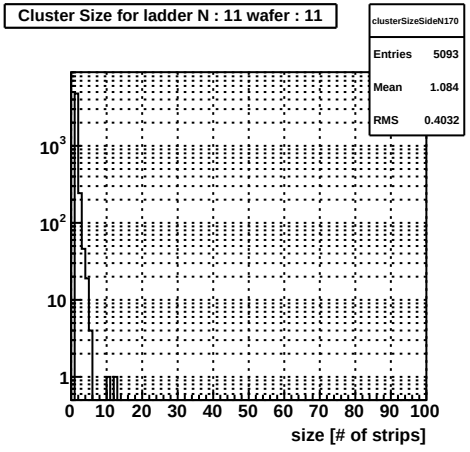

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2150
Mean 1.149
RMS 0.4932
size [# of strips]

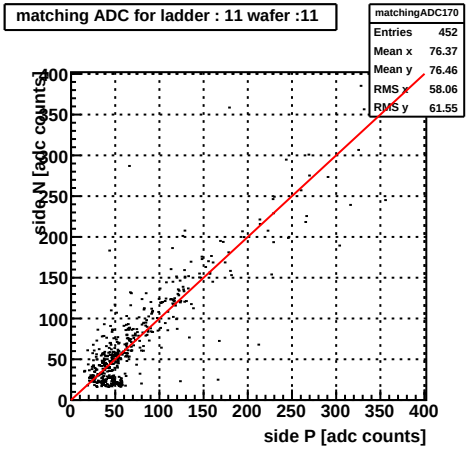

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 445
Mean x 76.42
Mean y 77.5
RMS x 61.71
RMS y 60.65
side N [adc counts]
side P [adc counts]

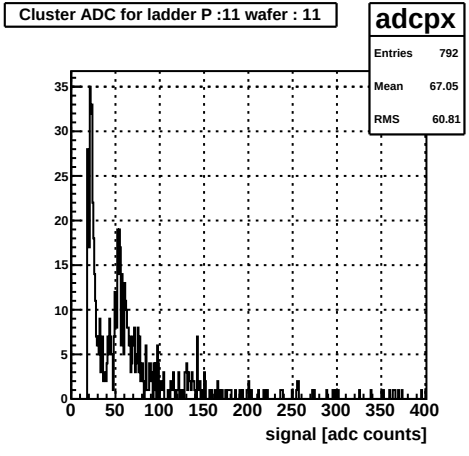

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 752
Mean 60.02
RMS 58.45
signal [adc counts]

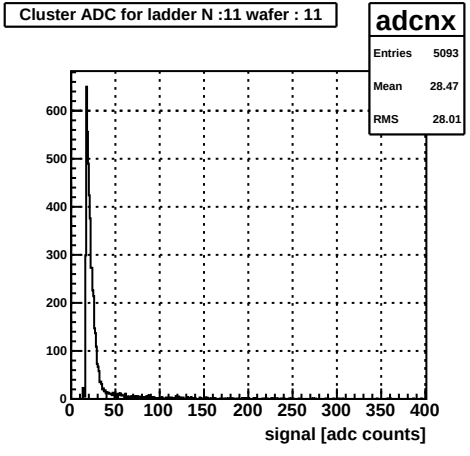

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2150
Mean 35.04
RMS 39.09
signal [adc counts]

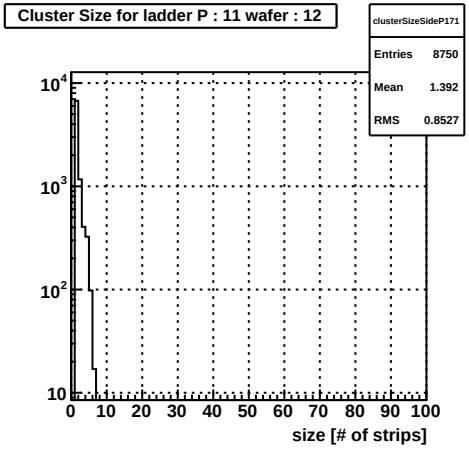

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 792
Mean 1.174
RMS 0.5025
size [# of strips]

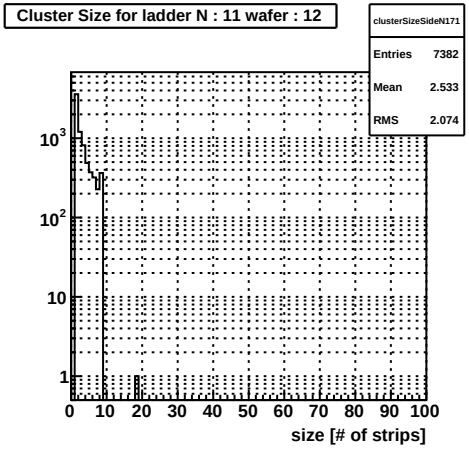

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5093
Mean 1.084
RMS 0.4032
size [# of strips]

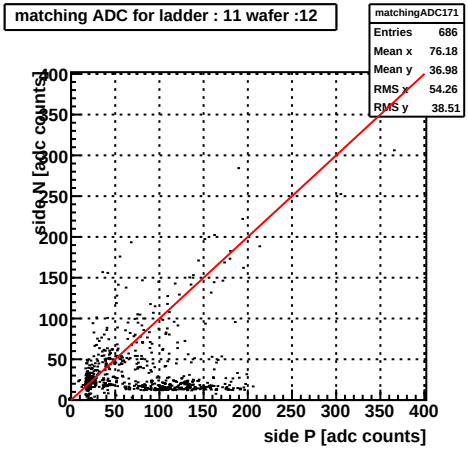

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 452
Mean x 76.37
Mean y 76.46
RMS x 58.06
RMS y 61.55
side N [adc counts]
side P [adc counts]

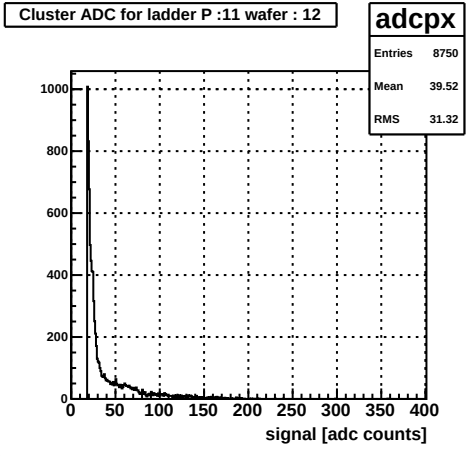

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 792
Mean 67.05
RMS 60.81
signal [adc counts]

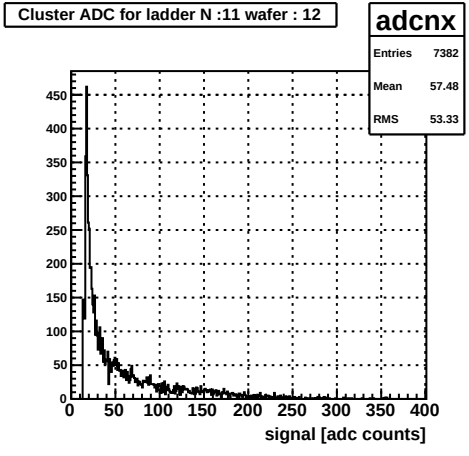

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5093
Mean 28.47
RMS 28.01
signal [adc counts]

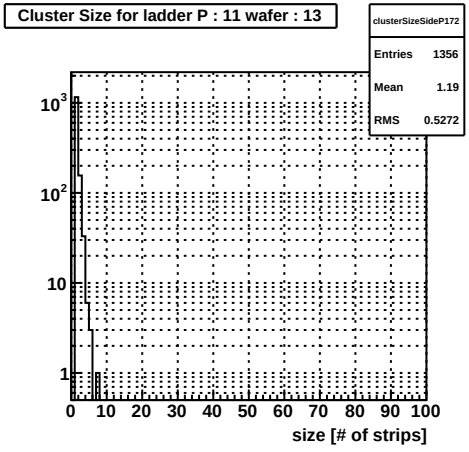

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8750
Mean 1.392
RMS 0.8527
size [# of strips]

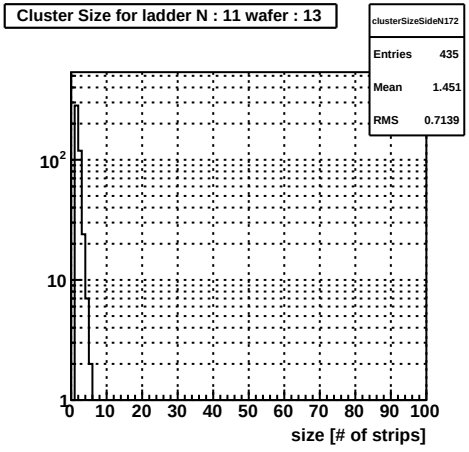

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7382
Mean 2.533
RMS 2.074
size [# of strips]

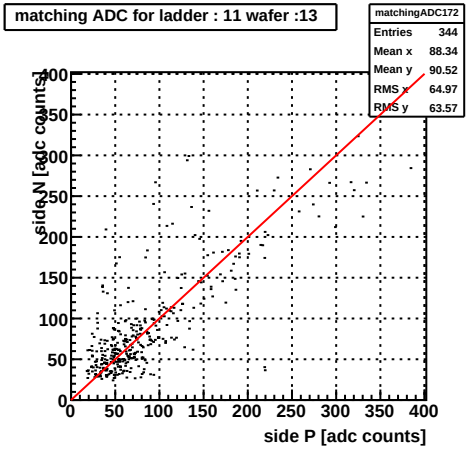

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 686
Mean x 76.18
Mean y 36.98
RMS x 54.26
RMS y 38.51
side N [adc counts]
side P [adc counts]

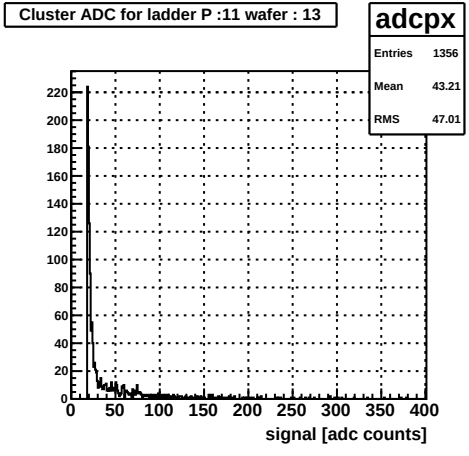

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8750
Mean 39.52
RMS 31.32
signal [adc counts]

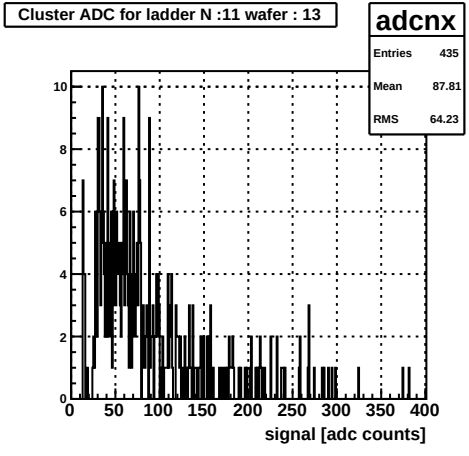

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7382
Mean 57.48
RMS 53.33
signal [adc counts]

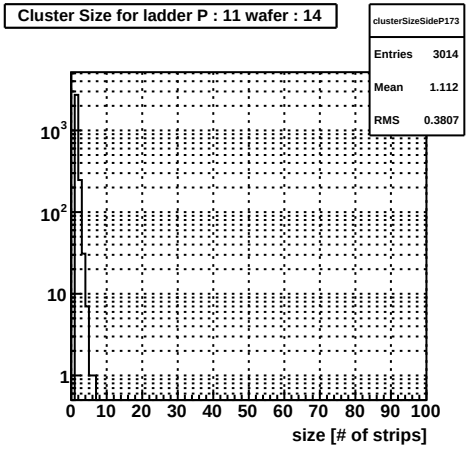

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1356
Mean 1.19
RMS 0.5272
size [# of strips]

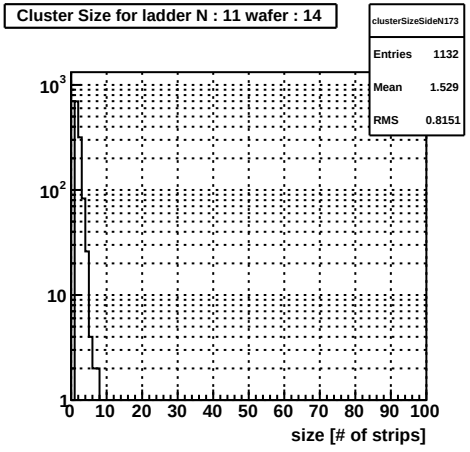

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 435
Mean 1.451
RMS 0.7139
size [# of strips]

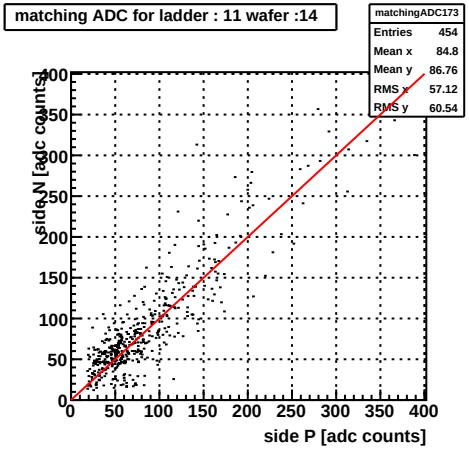

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 344
Mean x 88.34
Mean y 90.52
RMS x 64.97
RMS y 63.57
side N [adc counts]
side P [adc counts]

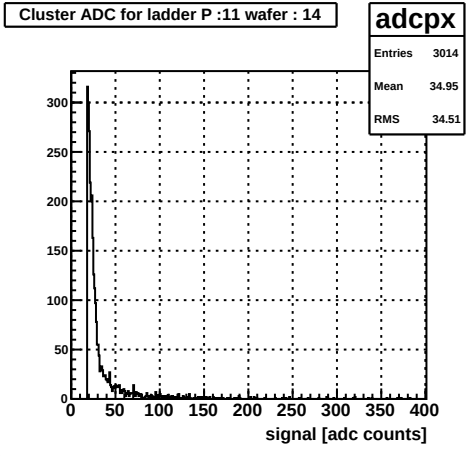

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1356
Mean 43.21
RMS 47.01
signal [adc counts]

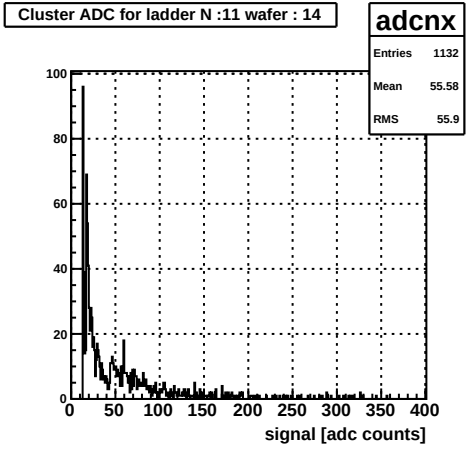

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 435
Mean 87.81
RMS 64.23
signal [adc counts]

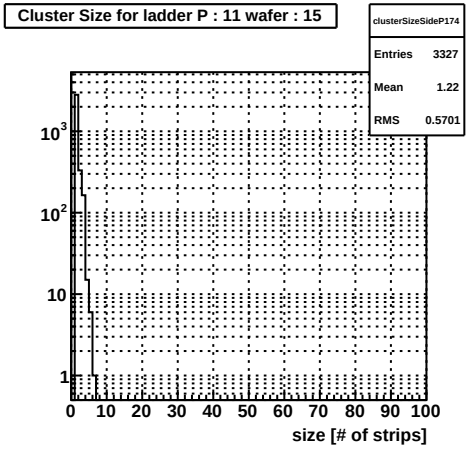

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3014
Mean 1.112
RMS 0.3807
size [# of strips]

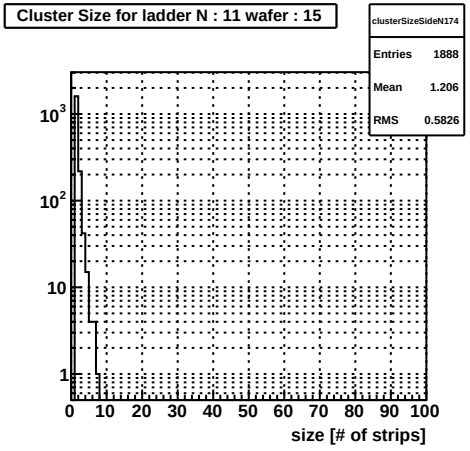

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1132
Mean 1.529
RMS 0.8151
size [# of strips]

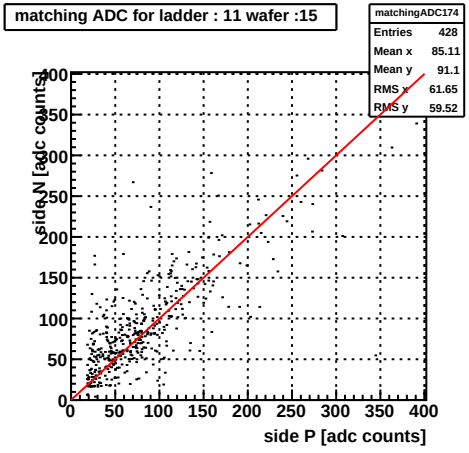

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 454
Mean x 84.8
Mean y 86.76
RMS x 57.12
RMS y 60.54
side N [adc counts]
side P [adc counts]

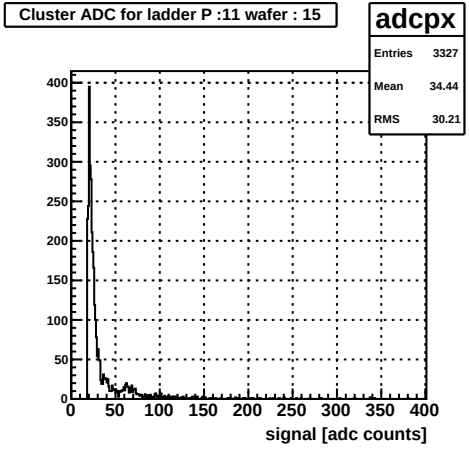

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3014
Mean 34.95
RMS 34.51
signal [adc counts]

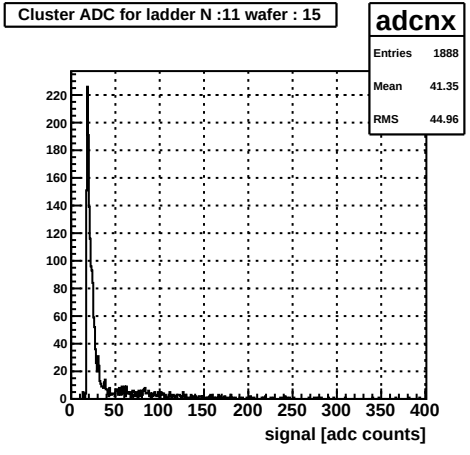

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1132
Mean 55.58
RMS 55.9
signal [adc counts]

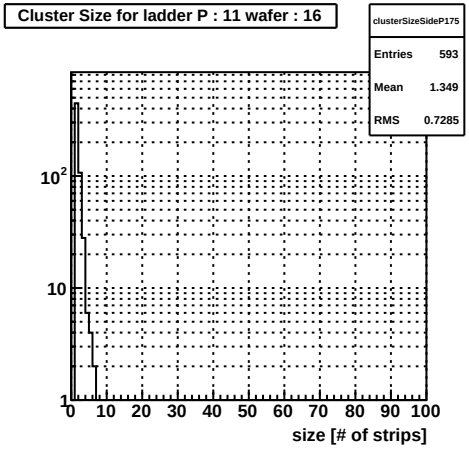

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3327
Mean 1.22
RMS 0.5701
size [# of strips]

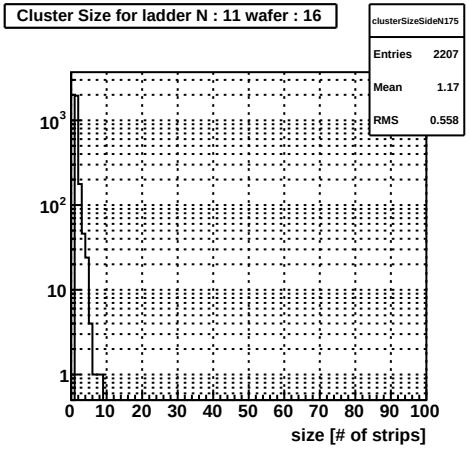

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1888
Mean 1.206
RMS 0.5826
size [# of strips]

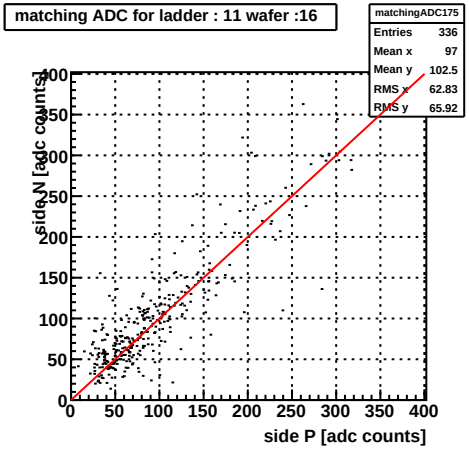

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 428
Mean x 85.11
Mean y 91.1
RMS x 61.65
RMS y 59.52
side N [adc counts]
side P [adc counts]

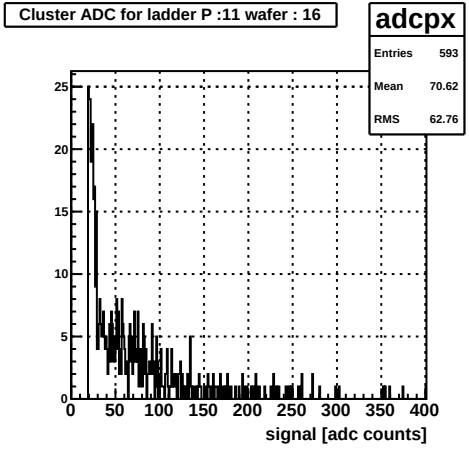

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3327
Mean 34.44
RMS 30.21
signal [adc counts]

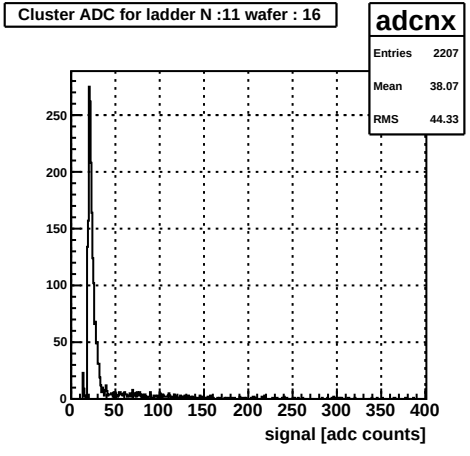

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1888
Mean 41.35
RMS 44.96
signal [adc counts]

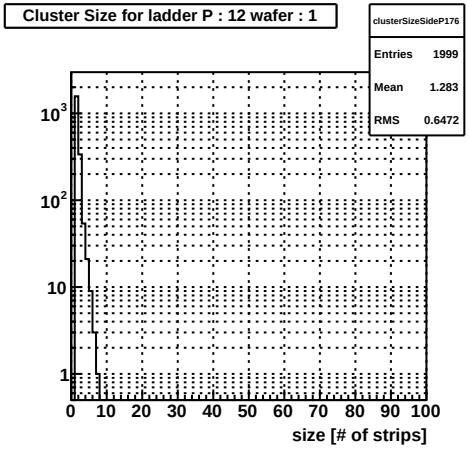

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 593
Mean 1.349
RMS 0.7285
size [# of strips]

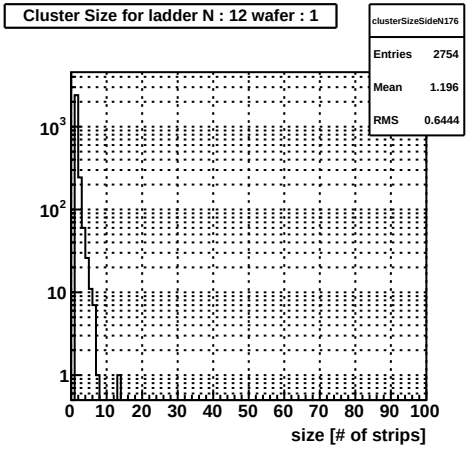

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2207
Mean 1.17
RMS 0.558
size [# of strips]

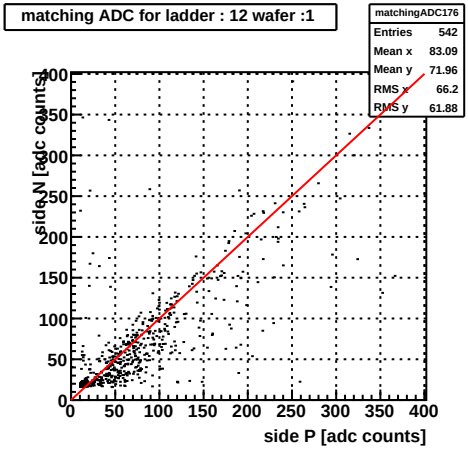

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 336
Mean x 97
Mean y 102.5
RMS x 62.83
RMS y 65.92
side N [adc counts]
side P [adc counts]

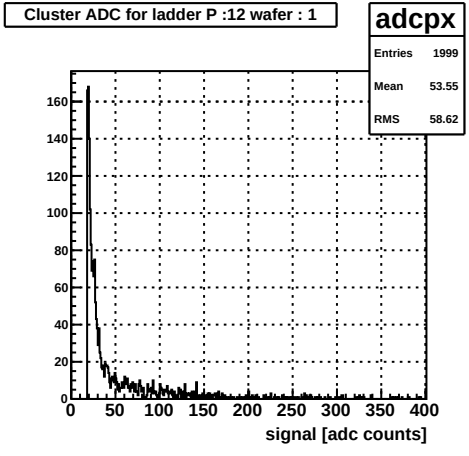

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 593
Mean 70.62
RMS 62.76
signal [adc counts]

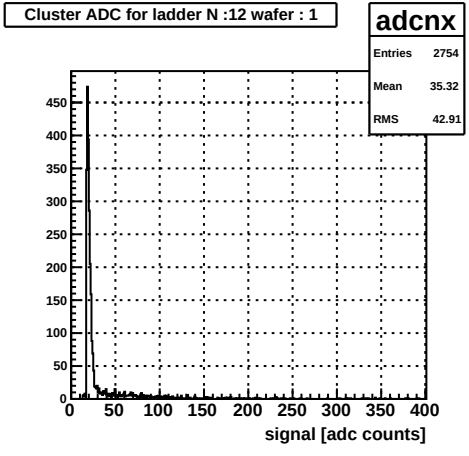

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2207
Mean 38.07
RMS 44.33
signal [adc counts]

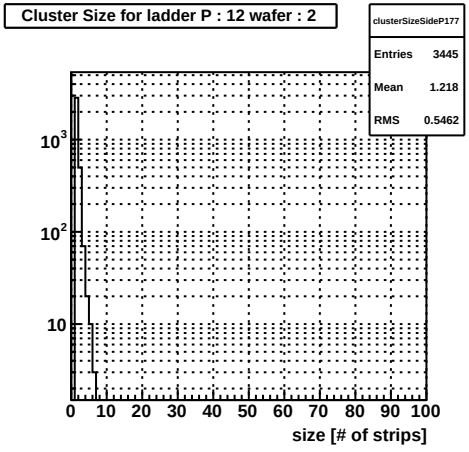

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1999
Mean 1.283
RMS 0.6472
size [# of strips]

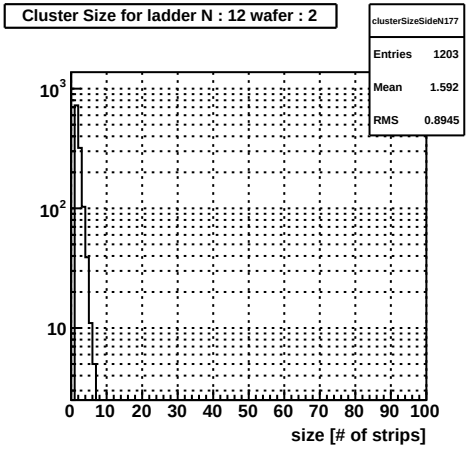

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2754
Mean 1.196
RMS 0.6444
size [# of strips]

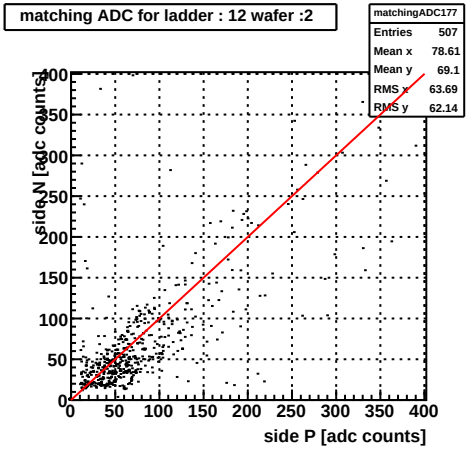

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 542
Mean x 83.09
Mean y 71.96
RMS x 66.2
RMS y 61.88
side N [adc counts]
side P [adc counts]

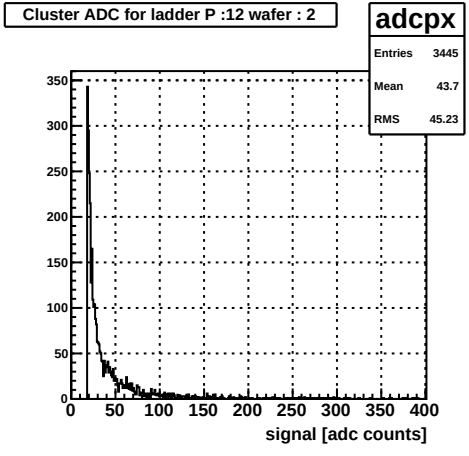

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1999
Mean 53.55
RMS 58.62
signal [adc counts]

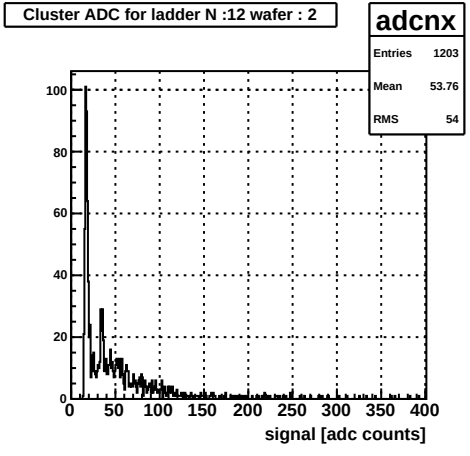

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2754
Mean 35.32
RMS 42.91
signal [adc counts]

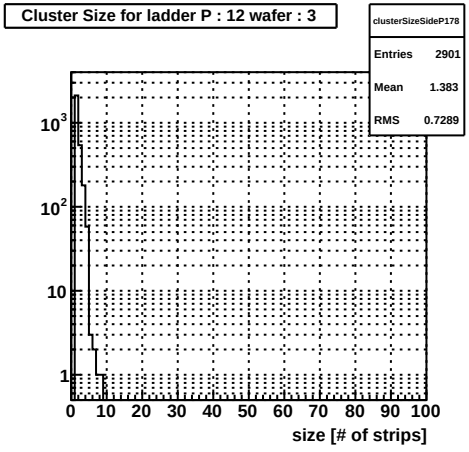

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3445
Mean 1.218
RMS 0.5462
size [# of strips]

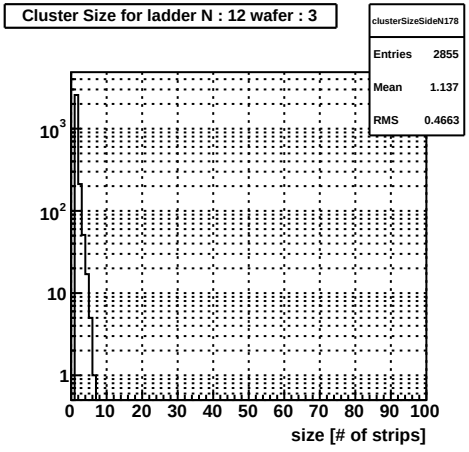

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1203
Mean 1.592
RMS 0.8945
size [# of strips]

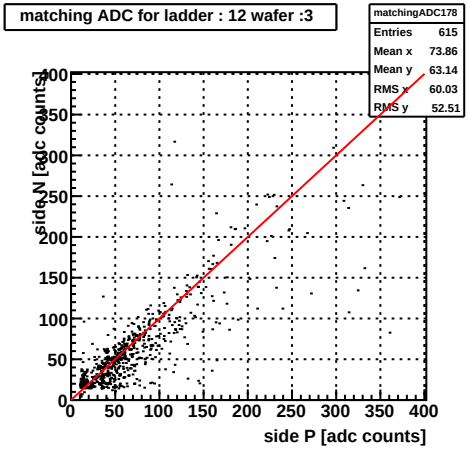

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 507
Mean x 78.61
Mean y 69.1
RMS x 63.69
RMS y 62.14
side N [adc counts]
side P [adc counts]

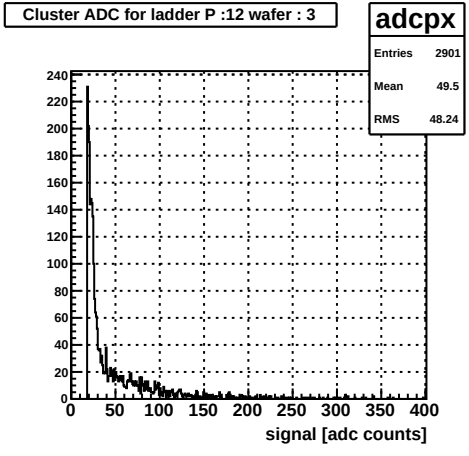

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3445
Mean 43.7
RMS 45.23
signal [adc counts]

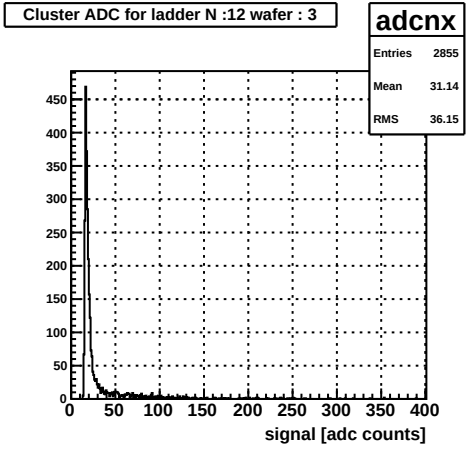

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1203
Mean 53.76
RMS 54
signal [adc counts]

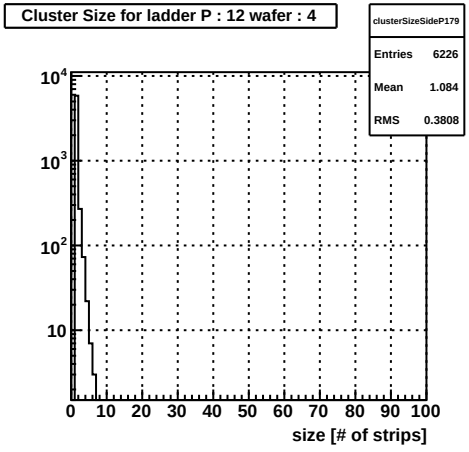

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2901
Mean 1.383
RMS 0.7289
size [# of strips]

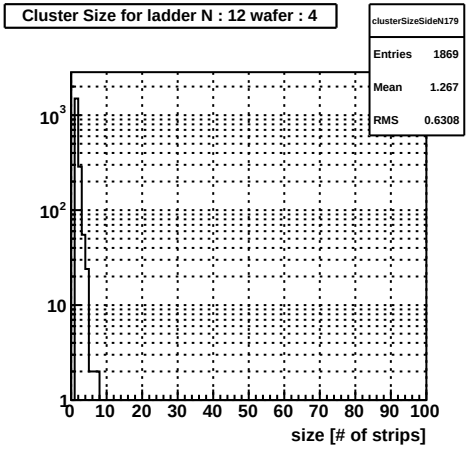

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2855
Mean 1.137
RMS 0.4663
size [# of strips]

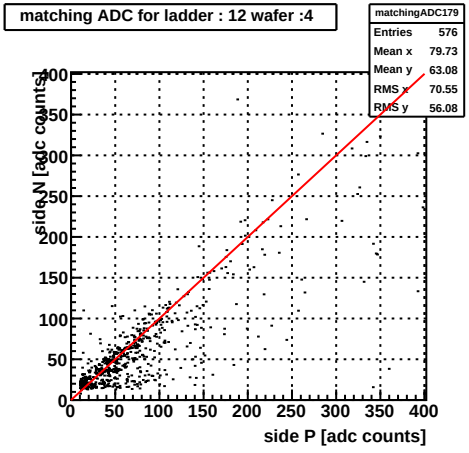

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 615
Mean x 73.86
Mean y 63.14
RMS x 60.03
RMS y 52.51
side N [adc counts]
side P [adc counts]

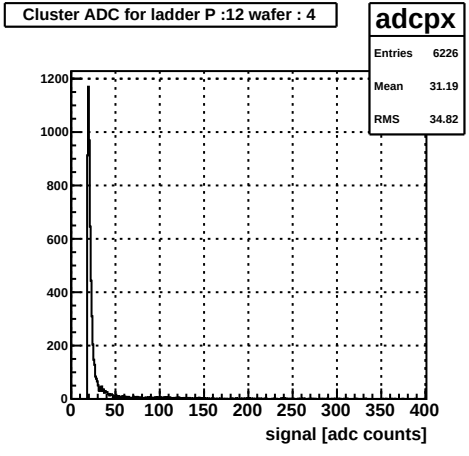

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2901
Mean 49.5
RMS 48.24
signal [adc counts]

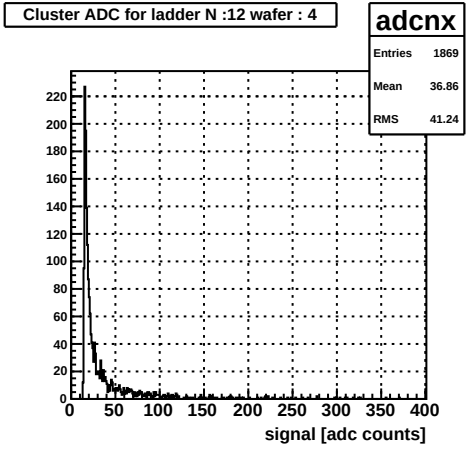

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2855
Mean 31.14
RMS 36.15
signal [adc counts]

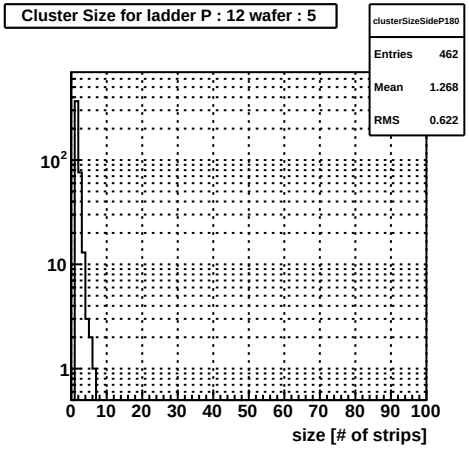

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6226
Mean 1.084
RMS 0.3808
size [# of strips]

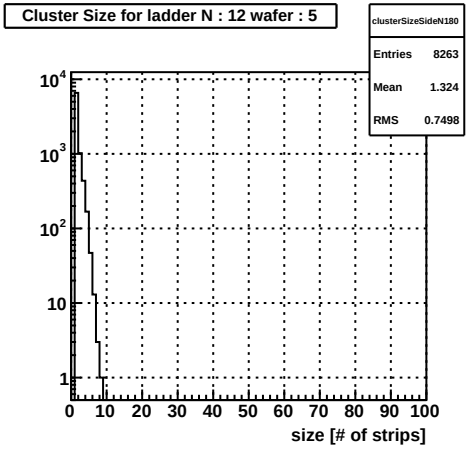

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1869
Mean 1.267
RMS 0.6308
size [# of strips]

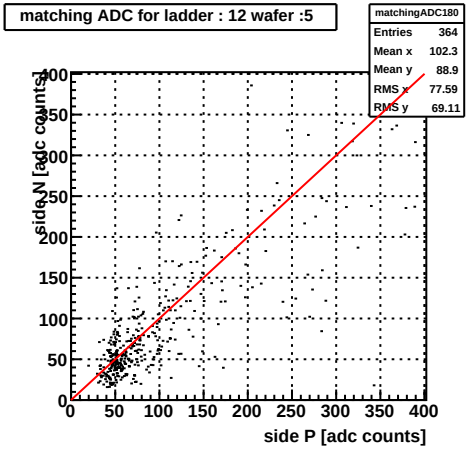

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 576
Mean x 79.73
Mean y 63.08
RMS x 70.55
RMS y 56.08
side N [adc counts]
side P [adc counts]

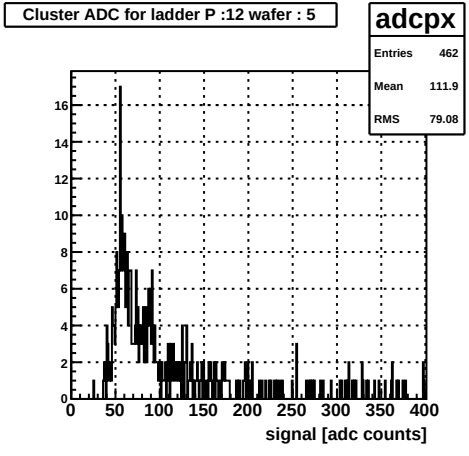

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6226
Mean 31.19
RMS 34.82
signal [adc counts]

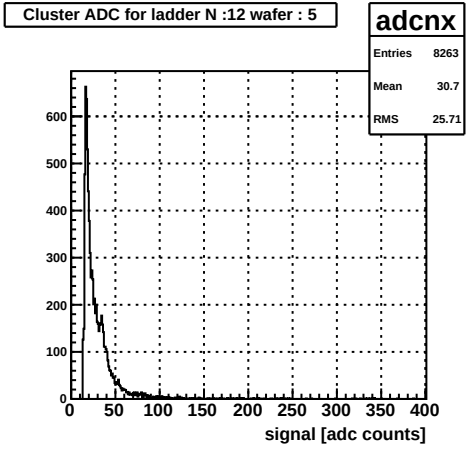

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1869
Mean 36.86
RMS 41.24
signal [adc counts]

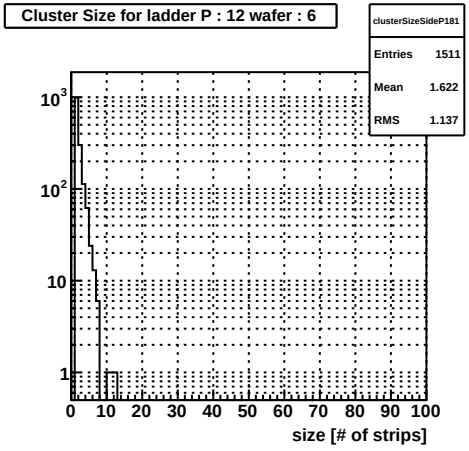

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 462
Mean 1.268
RMS 0.622
size [# of strips]

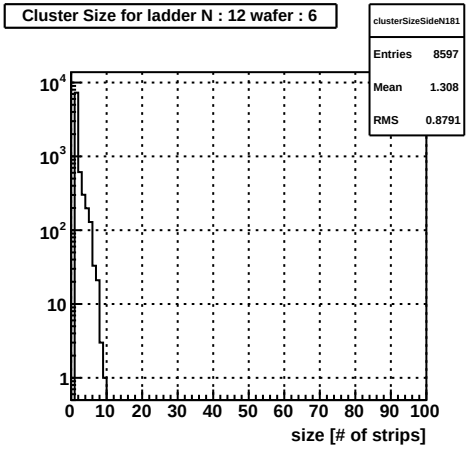

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8263
Mean 1.324
RMS 0.7498
size [# of strips]

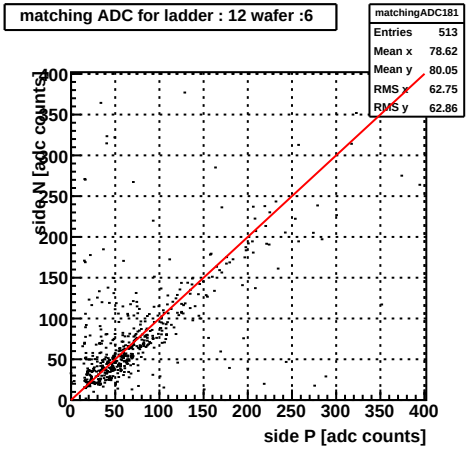

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 364
Mean x 102.3
Mean y 88.9
RMS x 77.59
RMS y 69.11
side N [adc counts]
side P [adc counts]

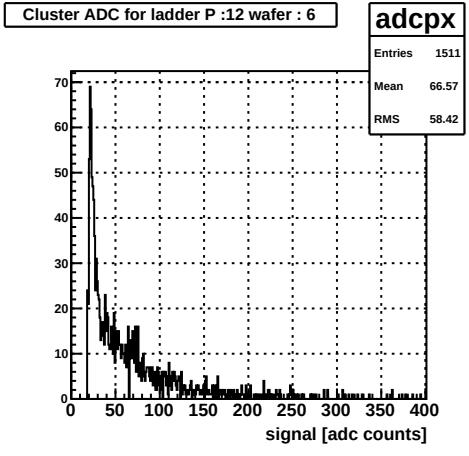

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 462
Mean 111.9
RMS 79.08
signal [adc counts]

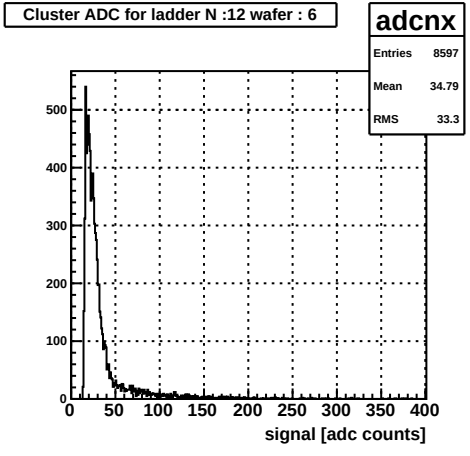

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8263
Mean 30.7
RMS 25.71
signal [adc counts]

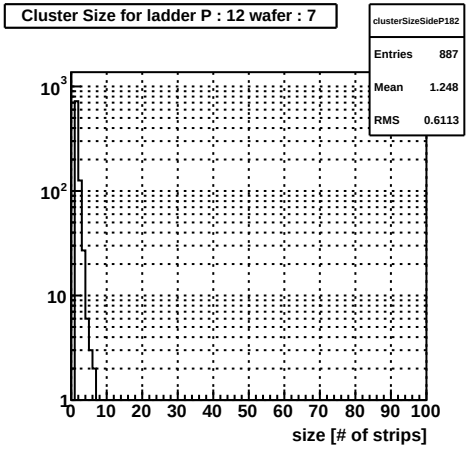

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1511
Mean 1.622
RMS 1.137
size [# of strips]

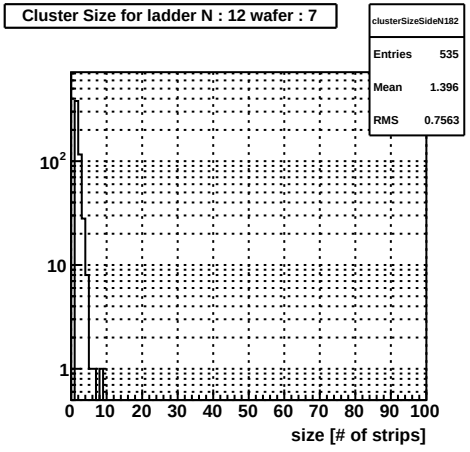

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8597
Mean 1.308
RMS 0.8791
size [# of strips]

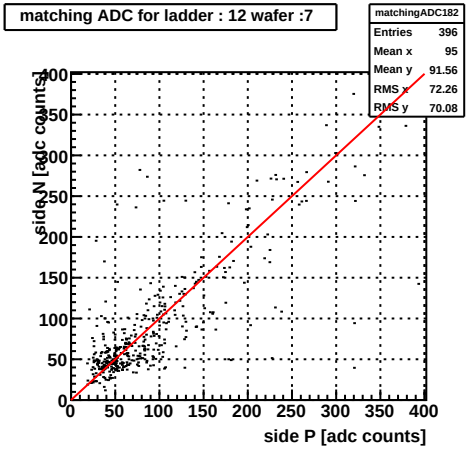

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 513
Mean x 78.62
Mean y 80.05
RMS x 62.75
RMS y 62.86
side N [adc counts]
side P [adc counts]

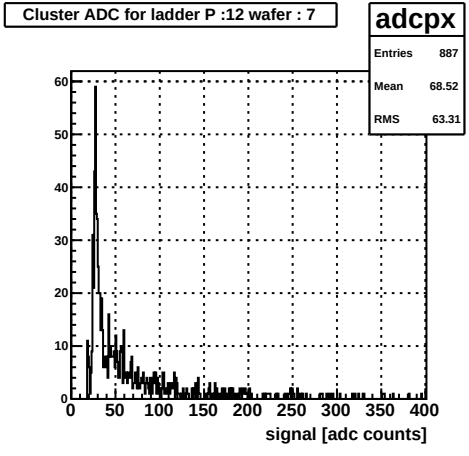

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1511
Mean 66.57
RMS 58.42
signal [adc counts]

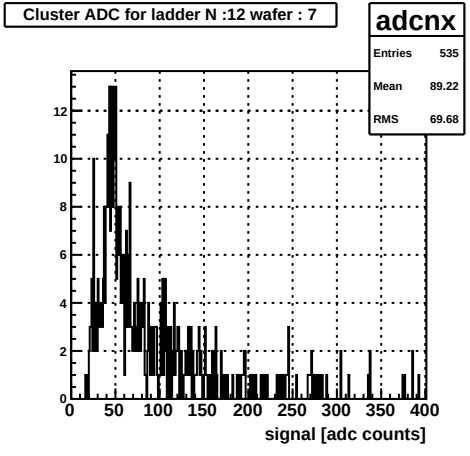

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8597
Mean 34.79
RMS 33.3
signal [adc counts]

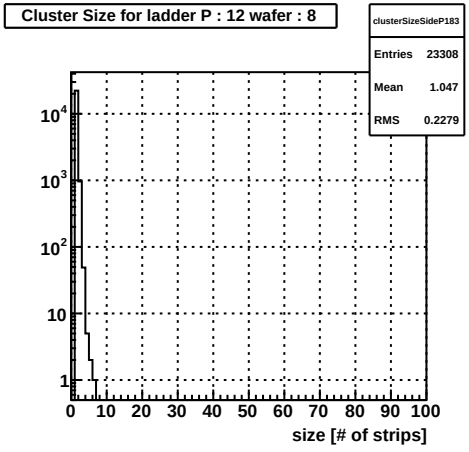

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 887
Mean 1.248
RMS 0.6113
size [# of strips]

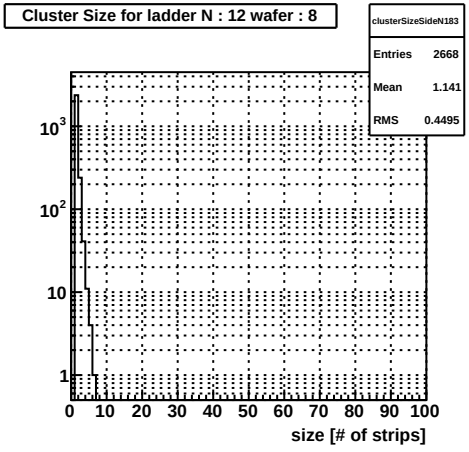

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 535
Mean 1.396
RMS 0.7563
size [# of strips]

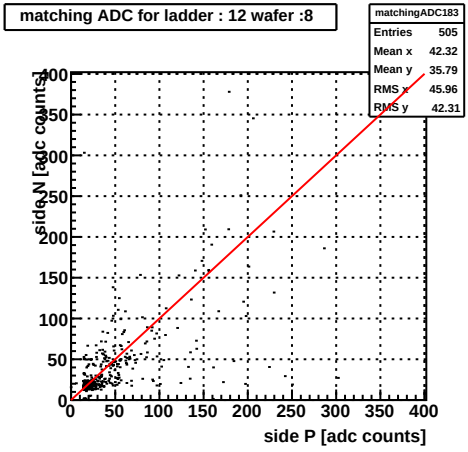

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 396
Mean x 95
Mean y 91.56
RMS x 72.26
RMS y 70.08
side N [adc counts]
side P [adc counts]

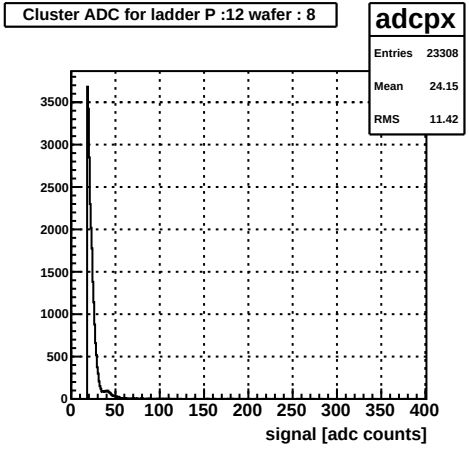

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 887
Mean 68.52
RMS 63.31
signal [adc counts]

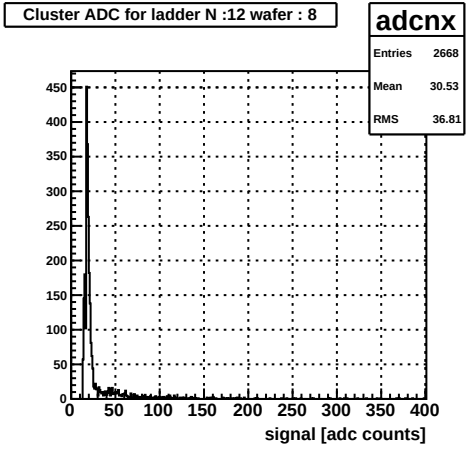

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 535
Mean 89.22
RMS 69.68
signal [adc counts]

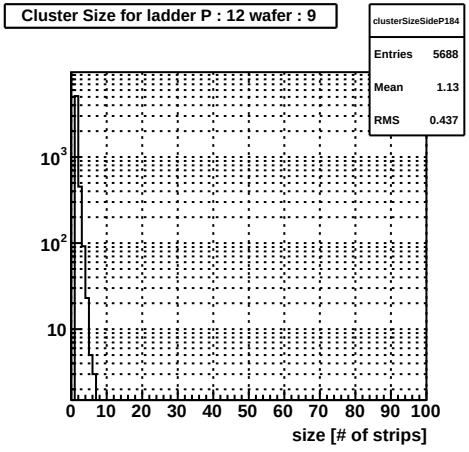

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 23308
Mean 1.047
RMS 0.2279
size [# of strips]

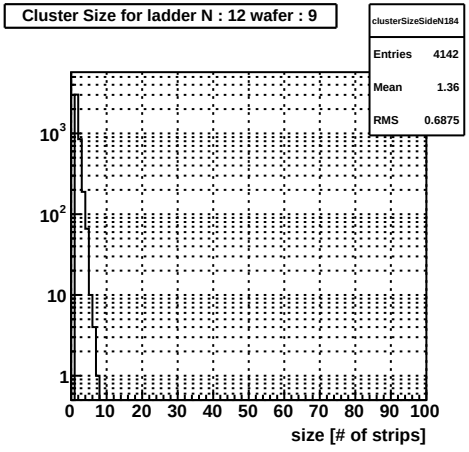

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2668
Mean 1.141
RMS 0.4495
size [# of strips]

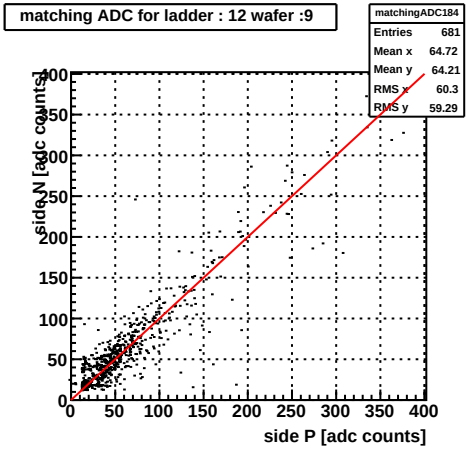

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 505
Mean x 42.32
Mean y 35.79
RMS x 45.96
RMS y 42.31
side N [adc counts]
side P [adc counts]

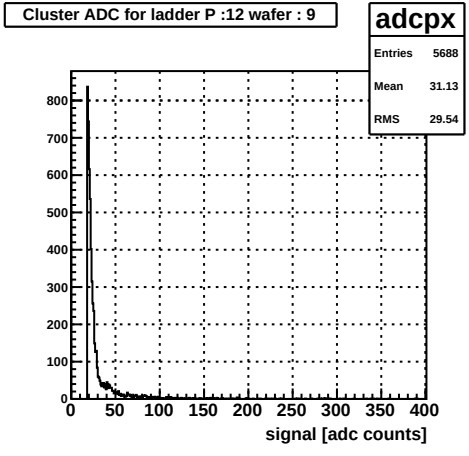

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 23308
Mean 24.15
RMS 11.42
signal [adc counts]

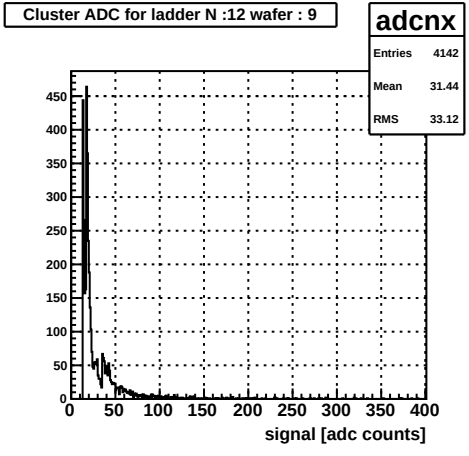

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2668
Mean 30.53
RMS 36.81
signal [adc counts]

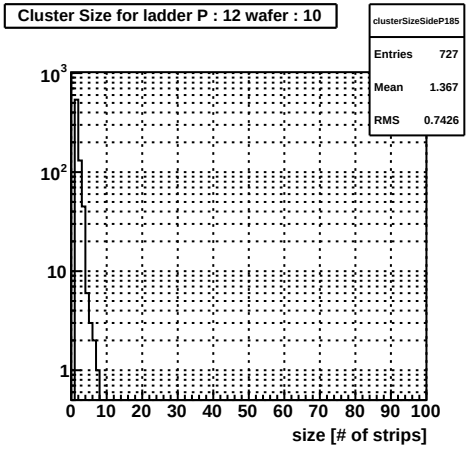

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5688
Mean 1.13
RMS 0.437
size [# of strips]

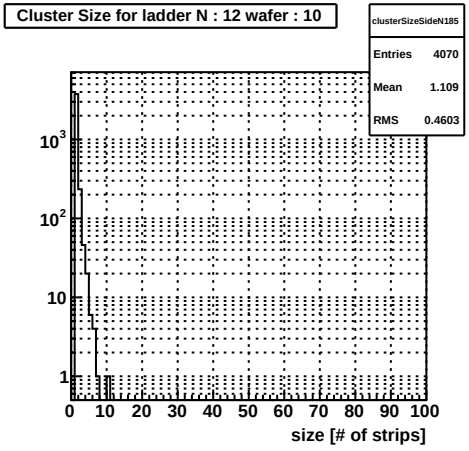

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4142
Mean 1.36
RMS 0.6875
size [# of strips]

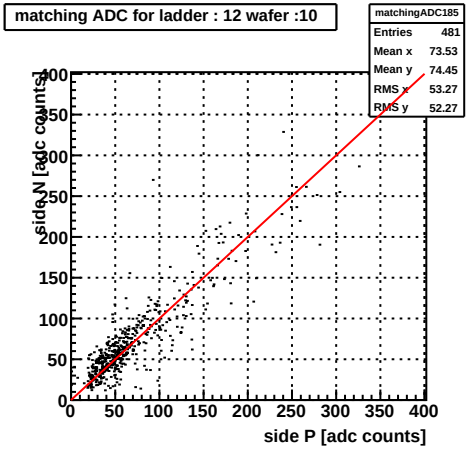

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 681
Mean x 64.72
Mean y 64.21
RMS x 60.3
RMS y 59.29
side N [adc counts]
side P [adc counts]

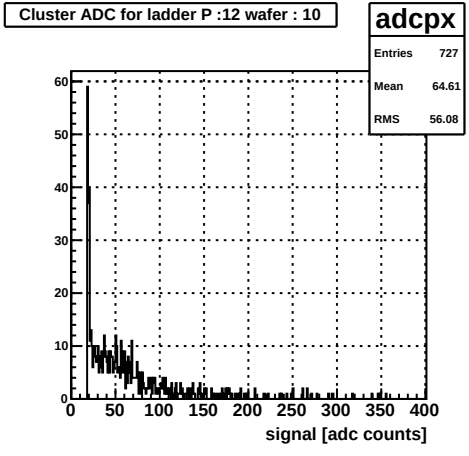

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5688
Mean 31.13
RMS 29.54
signal [adc counts]

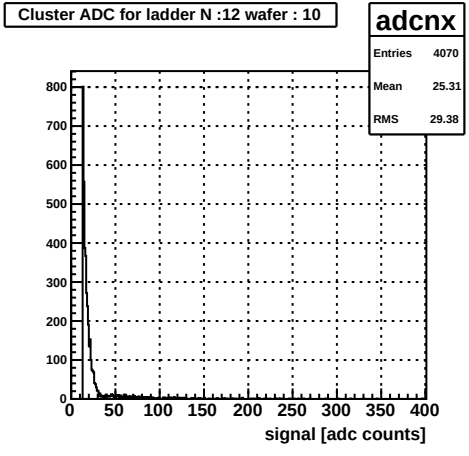

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4142
Mean 31.44
RMS 33.12
signal [adc counts]

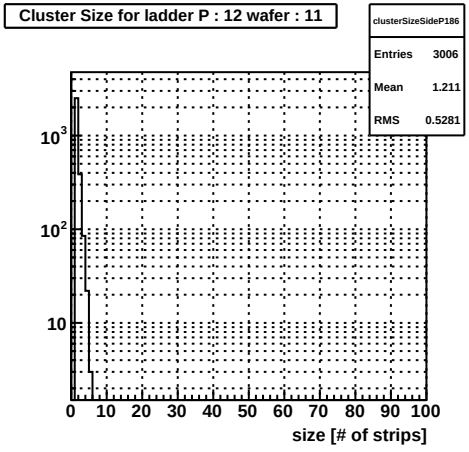

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 727
Mean 1.367
RMS 0.7426
size [# of strips]

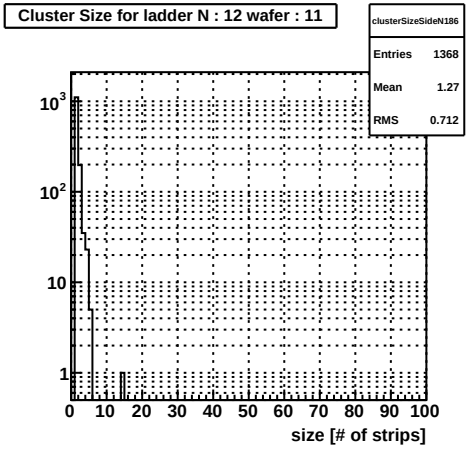

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4070
Mean 1.109
RMS 0.4603
size [# of strips]

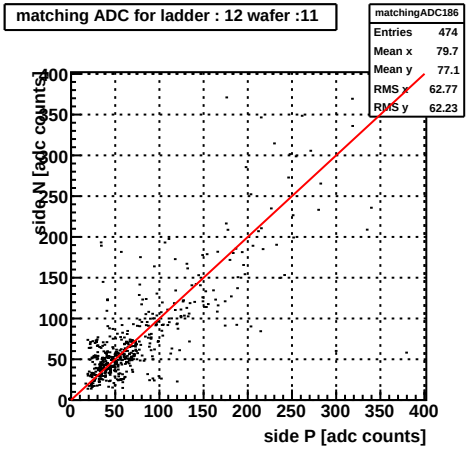

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 481
Mean x 73.53
Mean y 74.45
RMS x 53.27
RMS y 52.27
side N [adc counts]
side P [adc counts]

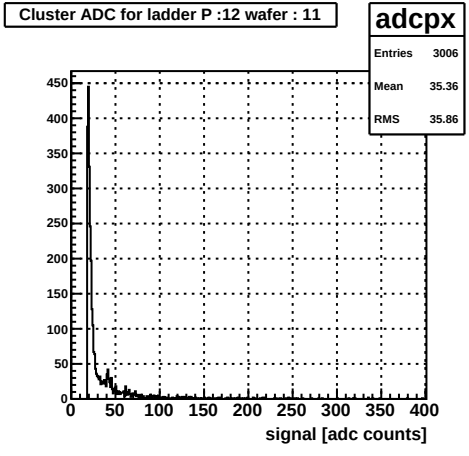

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 727
Mean 64.61
RMS 56.08
signal [adc counts]

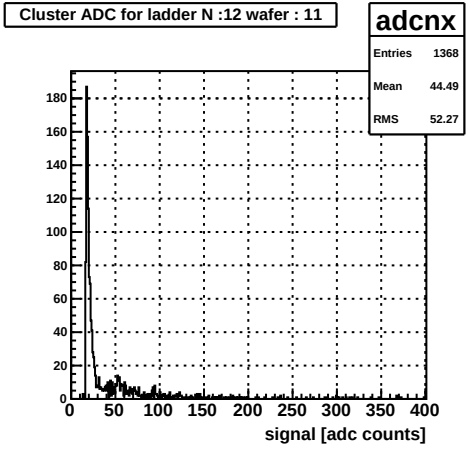

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4070
Mean 25.31
RMS 29.38
signal [adc counts]

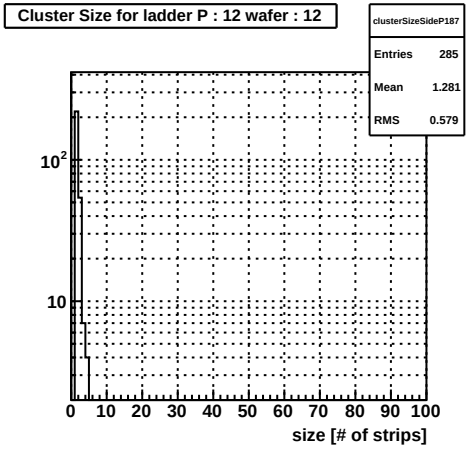

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3006
Mean 1.211
RMS 0.5281
size [# of strips]

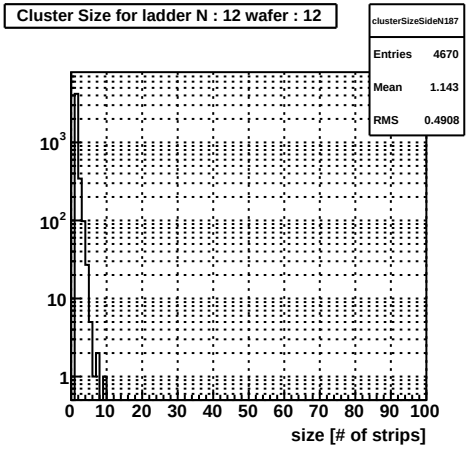

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1368
Mean 1.27
RMS 0.712
size [# of strips]

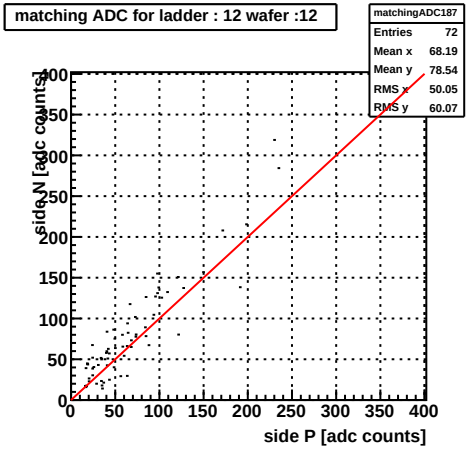

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 474
Mean x 79.7
Mean y 77.1
RMS x 62.77
RMS y 62.23
side N [adc counts]
side P [adc counts]

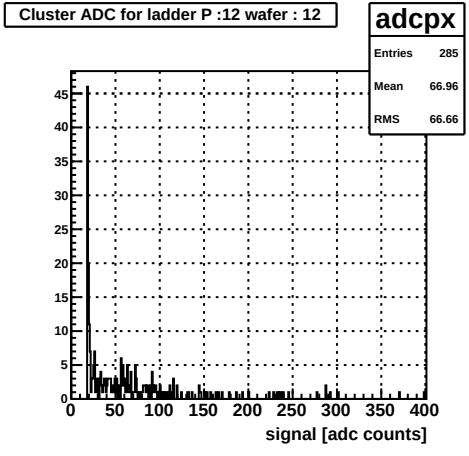

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3006
Mean 35.36
RMS 35.86
signal [adc counts]

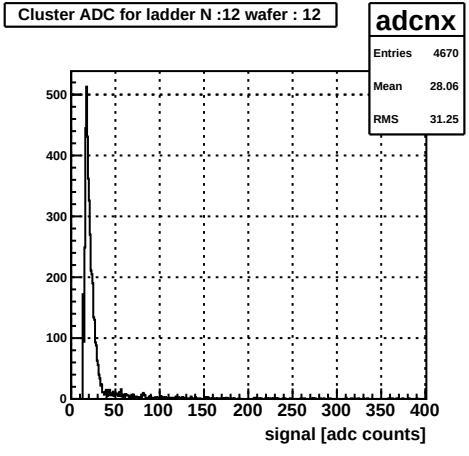

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1368
Mean 44.49
RMS 52.27
signal [adc counts]

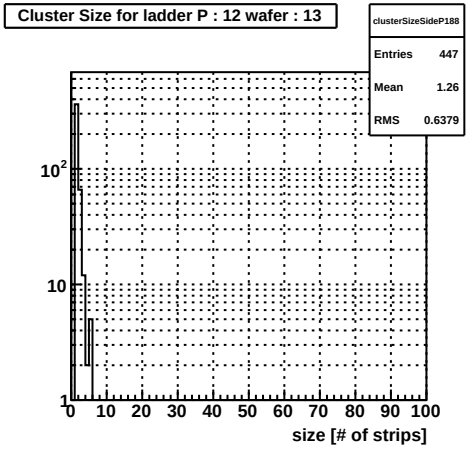

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 285
Mean 1.281
RMS 0.579
size [# of strips]

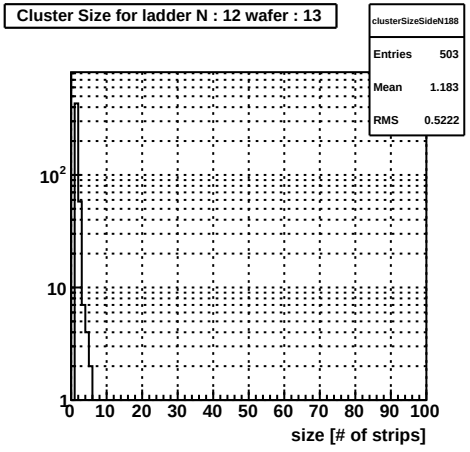

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4670
Mean 1.143
RMS 0.4908
size [# of strips]

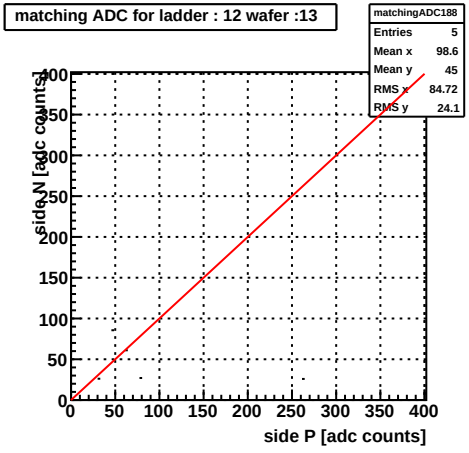

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 72
Mean x 68.19
Mean y 78.54
RMS x 50.05
RMS y 60.07
side N [adc counts]
side P [adc counts]

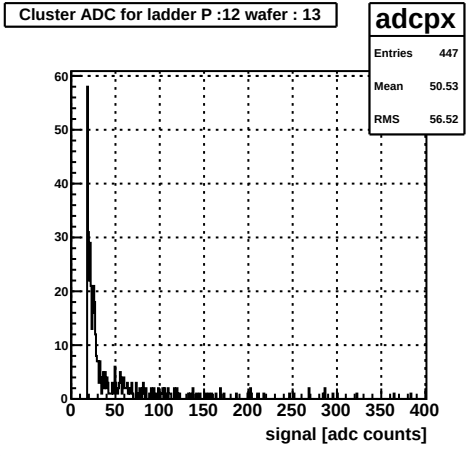

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 285
Mean 66.96
RMS 66.66
signal [adc counts]

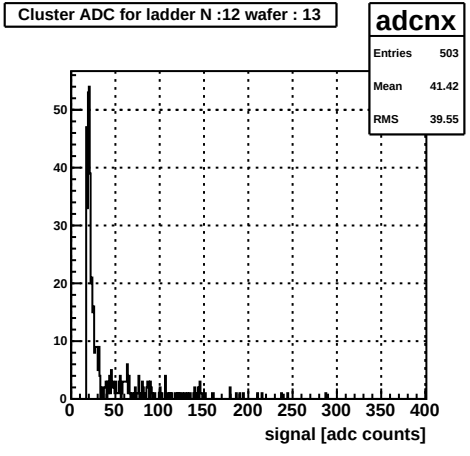

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4670
Mean 28.06
RMS 31.25
signal [adc counts]

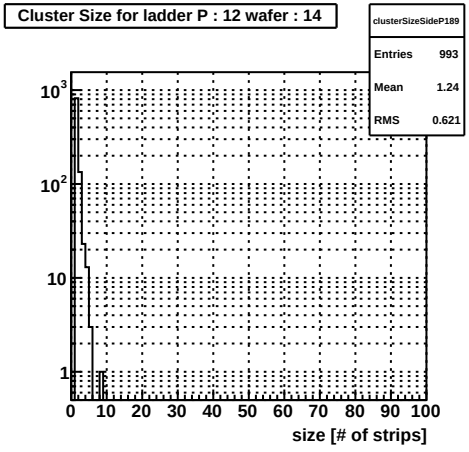

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 447
Mean 1.26
RMS 0.6379
size [# of strips]

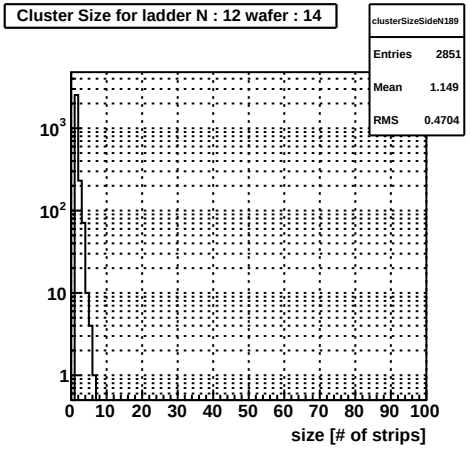

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 503
Mean 1.183
RMS 0.5222
size [# of strips]

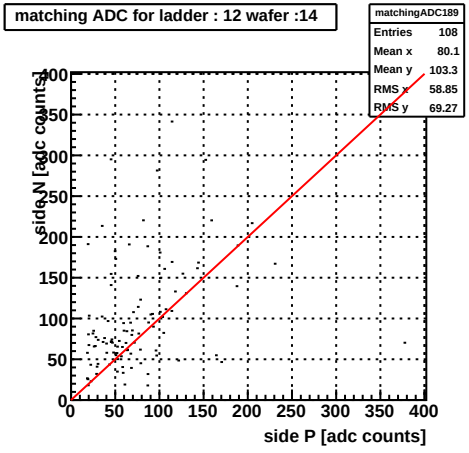

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 98.6
Mean y 45
RMS x 84.72
RMS y 24.1
side N [adc counts]
side P [adc counts]

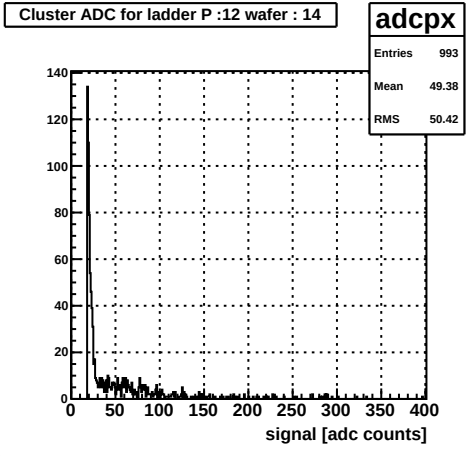

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 447
Mean 50.53
RMS 56.52
signal [adc counts]

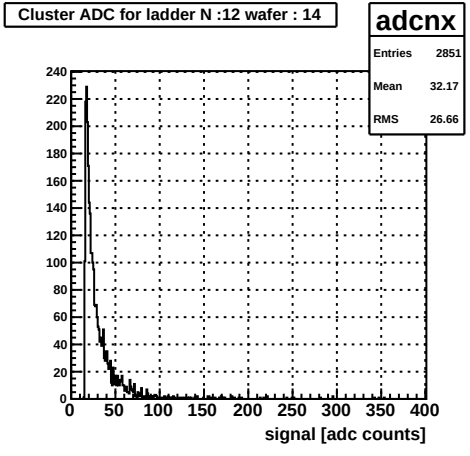

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 503
Mean 41.42
RMS 39.55
signal [adc counts]

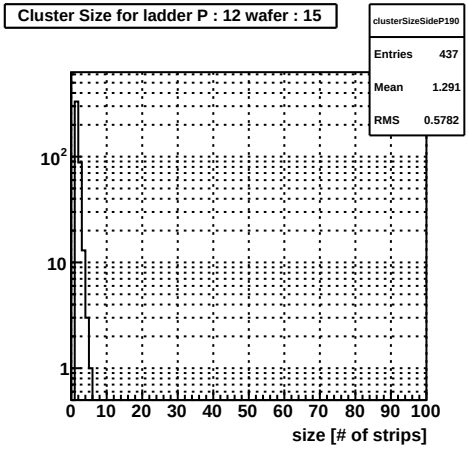

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 993
Mean 1.24
RMS 0.621
size [# of strips]

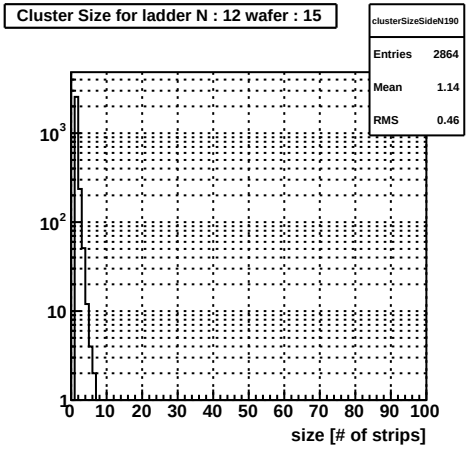

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2851
Mean 1.149
RMS 0.4704
size [# of strips]

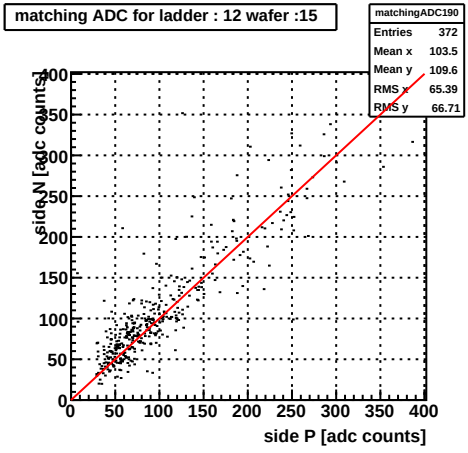

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 108
Mean x 80.1
Mean y 103.3
RMS x 58.85
RMS y 69.27
side N [adc counts]
side P [adc counts]

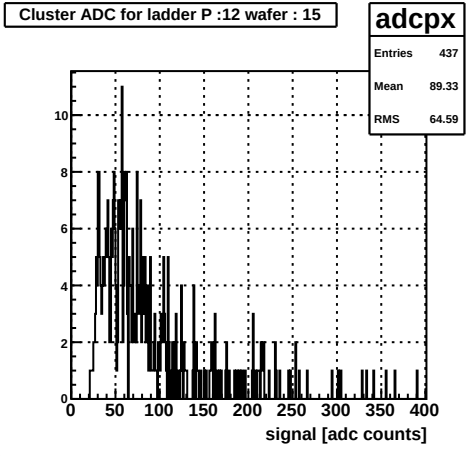

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 993
Mean 49.38
RMS 50.42
signal [adc counts]

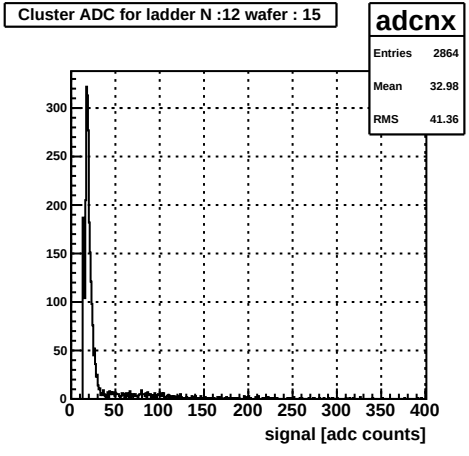

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2851
Mean 32.17
RMS 26.66
signal [adc counts]

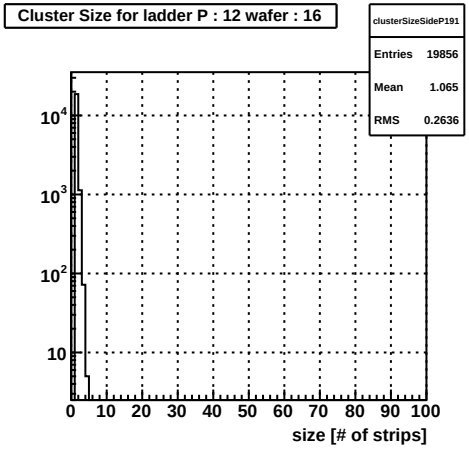

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 437
Mean 1.291
RMS 0.5782
size [# of strips]

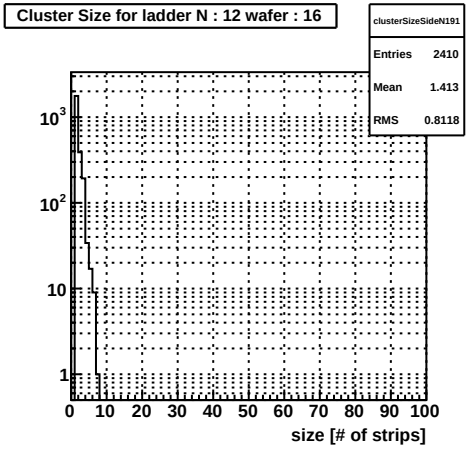

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2864
Mean 1.14
RMS 0.46
size [# of strips]

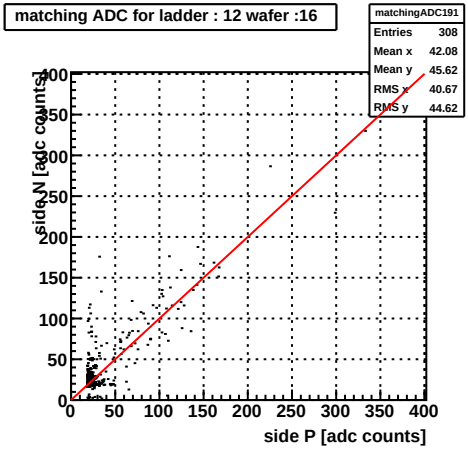

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 372
Mean x 103.5
Mean y 109.6
RMS x 65.39
RMS y 66.71
side N [adc counts]
side P [adc counts]

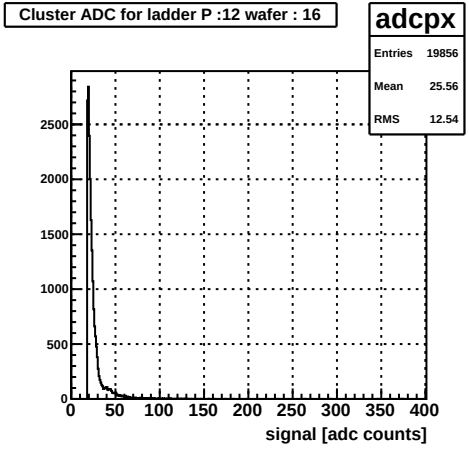

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 437
Mean 89.33
RMS 64.59
signal [adc counts]

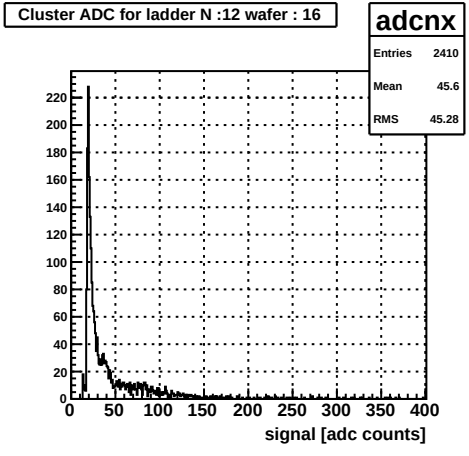

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2864
Mean 32.98
RMS 41.36
signal [adc counts]

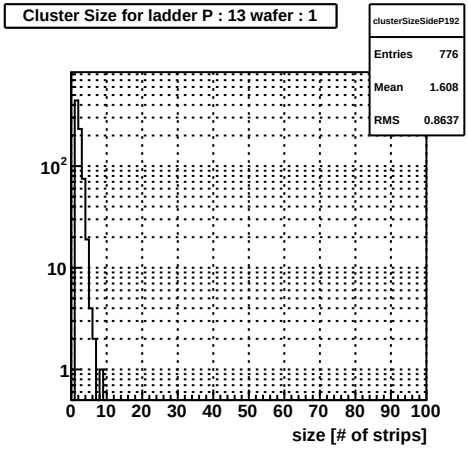

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19856
Mean 1.065
RMS 0.2636
size [# of strips]

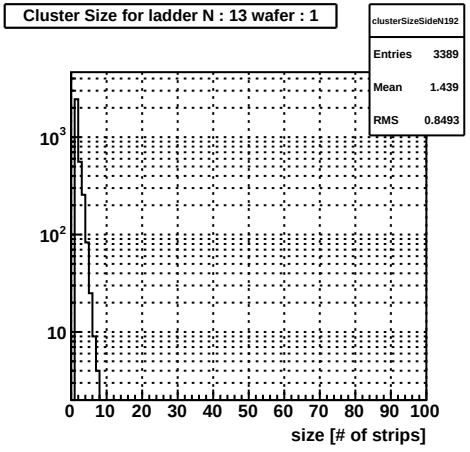

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2410
Mean 1.413
RMS 0.8118
size [# of strips]

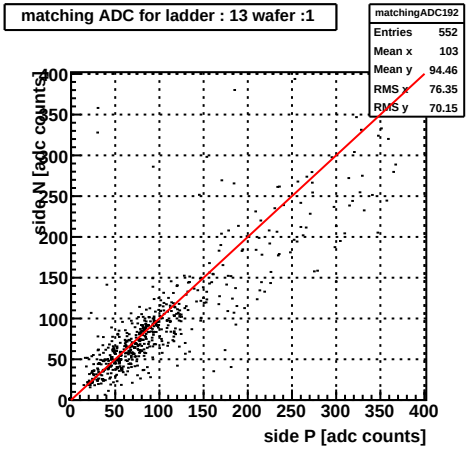

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 308
Mean x 42.08
Mean y 45.62
RMS x 40.67
RMS y 44.62
side N [adc counts]
side P [adc counts]

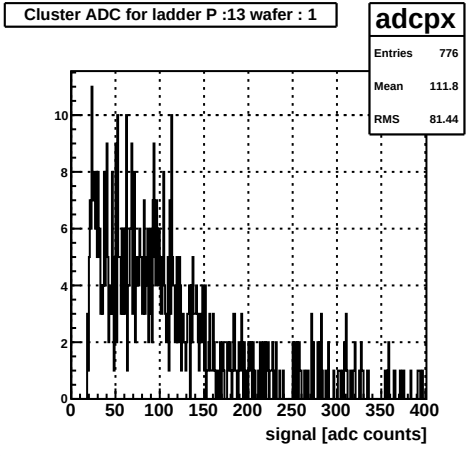

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19856
Mean 25.56
RMS 12.54
signal [adc counts]

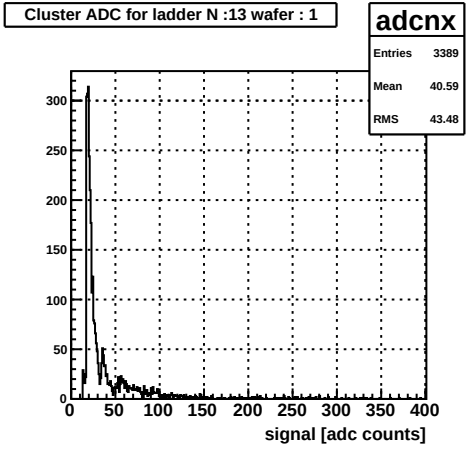

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2410
Mean 45.6
RMS 45.28
signal [adc counts]

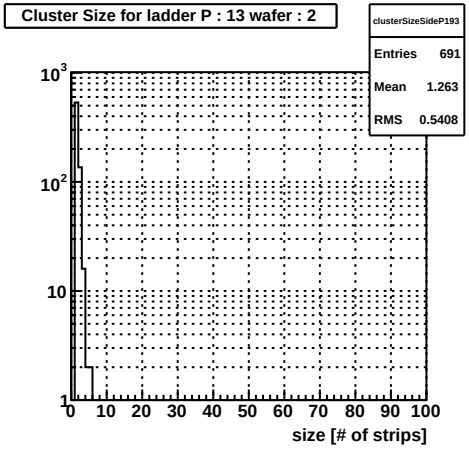

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 776
Mean 1.608
RMS 0.8637
size [# of strips]

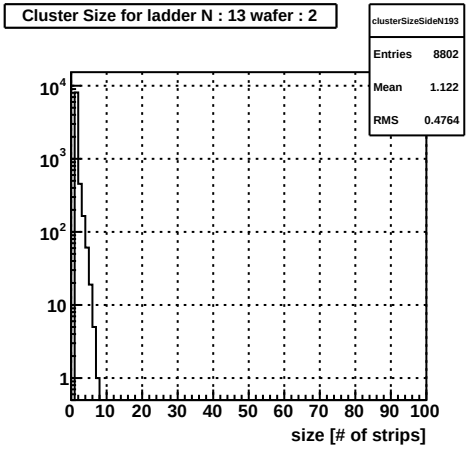

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3389
Mean 1.439
RMS 0.8493
size [# of strips]

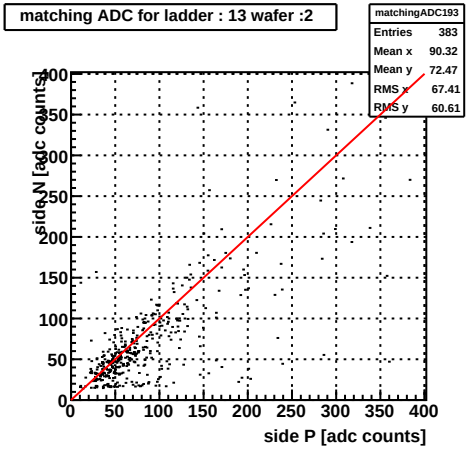

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 552
Mean x 103
Mean y 94.46
RMS x 76.35
RMS y 70.15
side N [adc counts]
side P [adc counts]

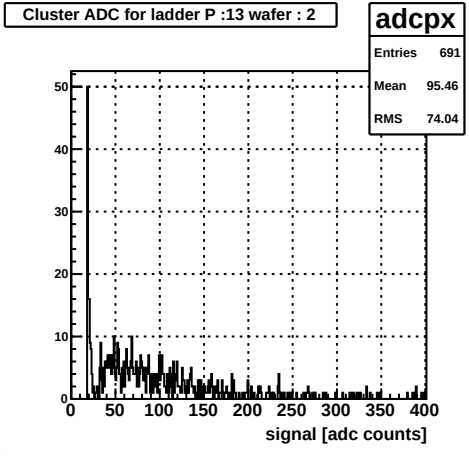

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 776
Mean 111.8
RMS 81.44
signal [adc counts]

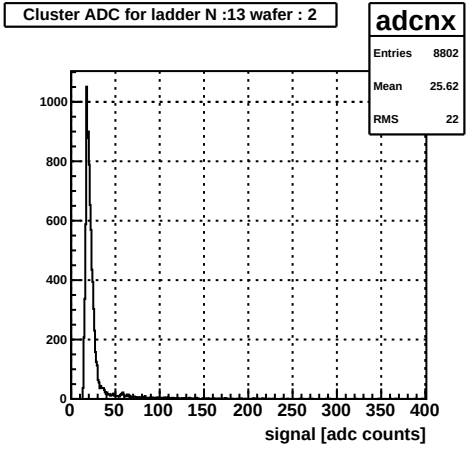

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3389
Mean 40.59
RMS 43.48
signal [adc counts]

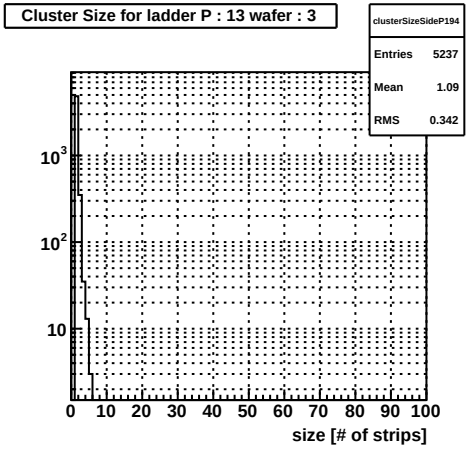

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 691
Mean 1.263
RMS 0.5408
size [# of strips]

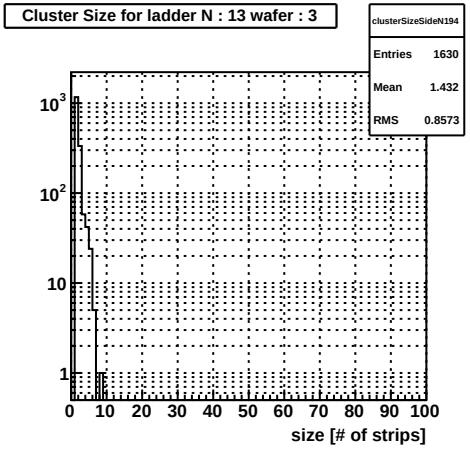

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8802
Mean 1.122
RMS 0.4764
size [# of strips]

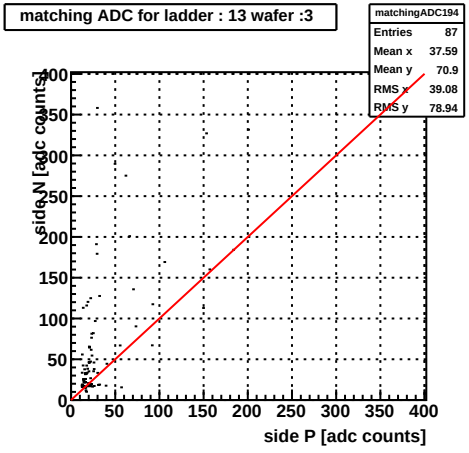

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 383
Mean x 90.32
Mean y 72.47
RMS x 67.41
RMS y 60.61
side N [adc counts]
side P [adc counts]

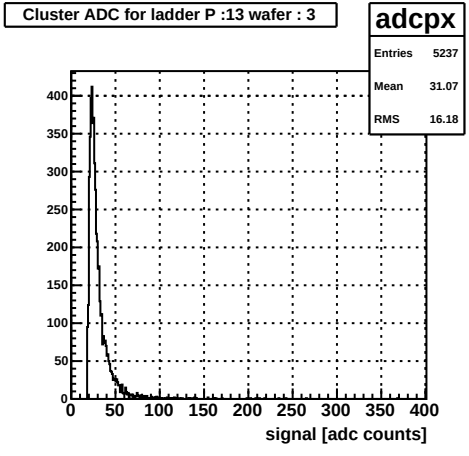

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 691
Mean 95.46
RMS 74.04
signal [adc counts]

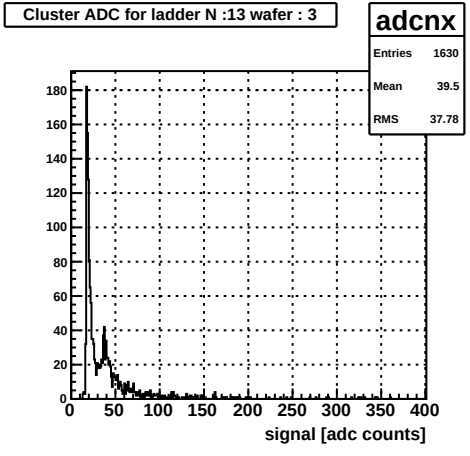

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8802
Mean 25.62
RMS 22
signal [adc counts]

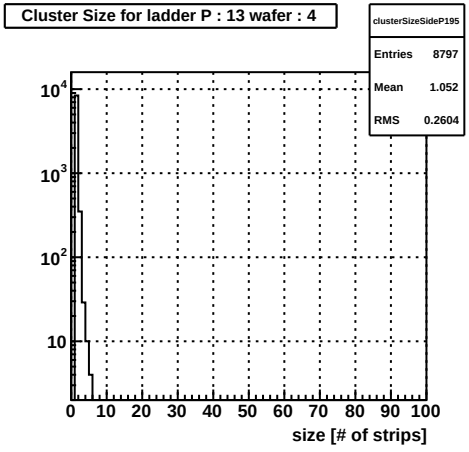

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5237
Mean 1.09
RMS 0.342
size [# of strips]

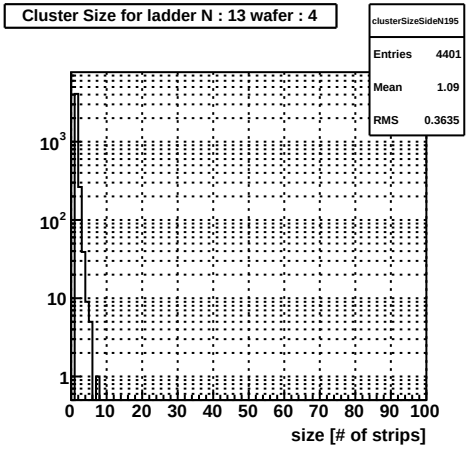

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1630
Mean 1.432
RMS 0.8573
size [# of strips]

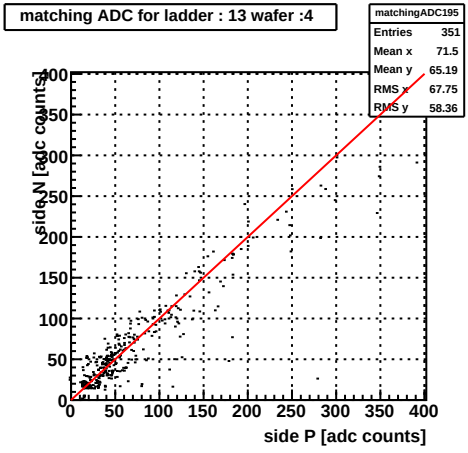

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 87
Mean x 37.59
Mean y 70.9
RMS x 39.08
RMS y 78.94
side N [adc counts]
side P [adc counts]

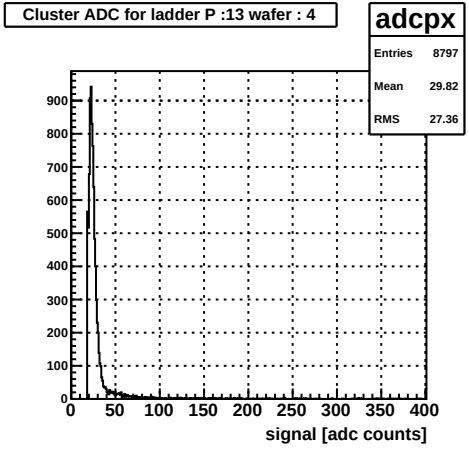

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5237
Mean 31.07
RMS 16.18
signal [adc counts]

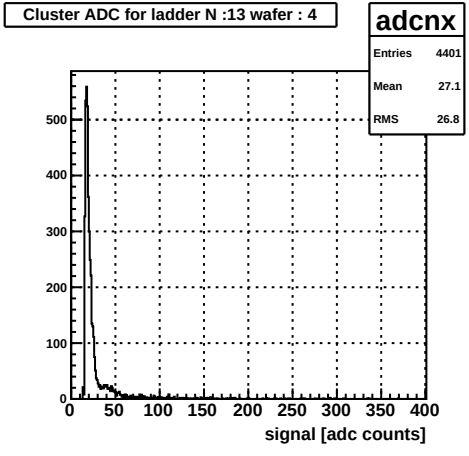

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1630
Mean 39.5
RMS 37.78
signal [adc counts]

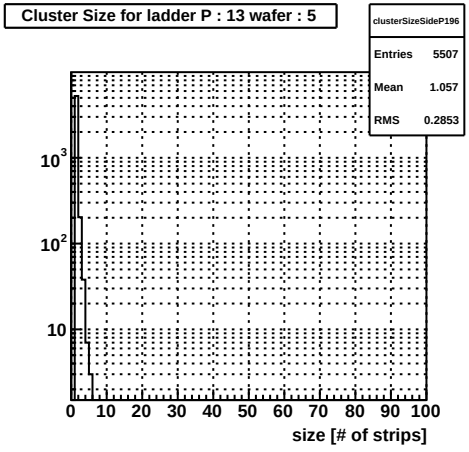

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8797
Mean 1.052
RMS 0.2604
size [# of strips]

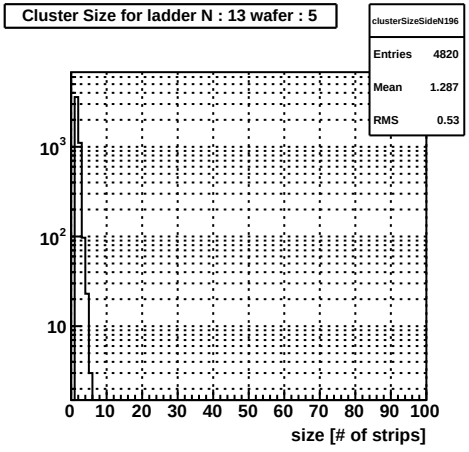

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4401
Mean 1.09
RMS 0.3635
size [# of strips]

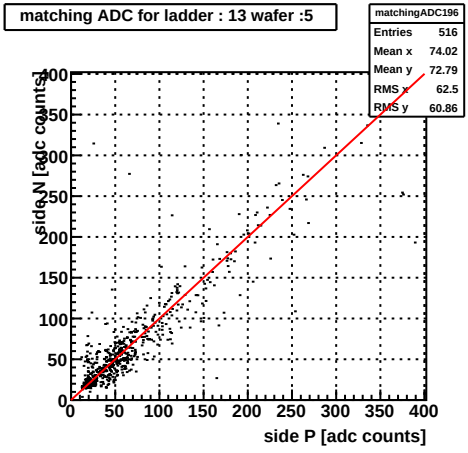

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 351
Mean x 71.5
Mean y 65.19
RMS x 67.75
RMS y 58.36
side N [adc counts]
side P [adc counts]

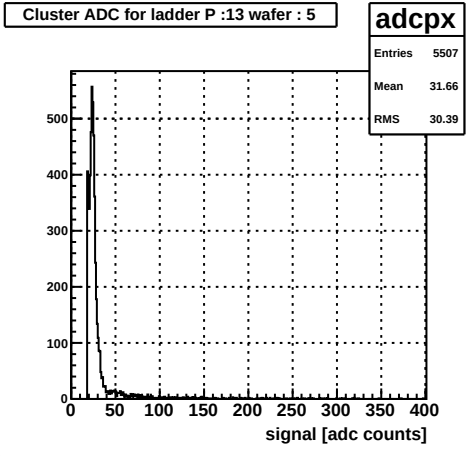

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8797
Mean 29.82
RMS 27.36
signal [adc counts]

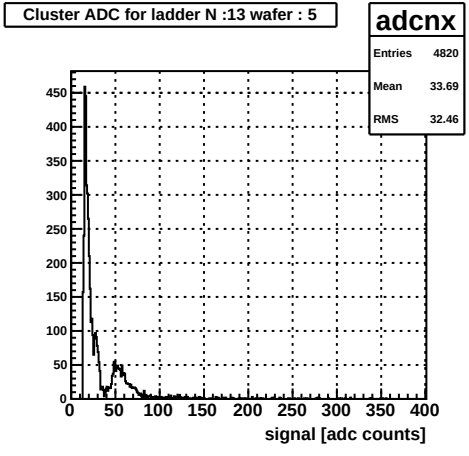

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4401
Mean 27.1
RMS 26.8
signal [adc counts]

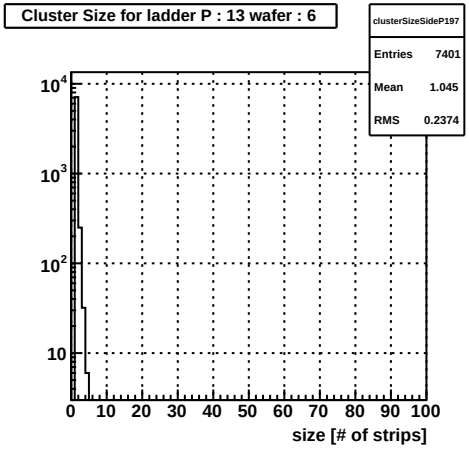

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5507
Mean 1.057
RMS 0.2853
size [# of strips]

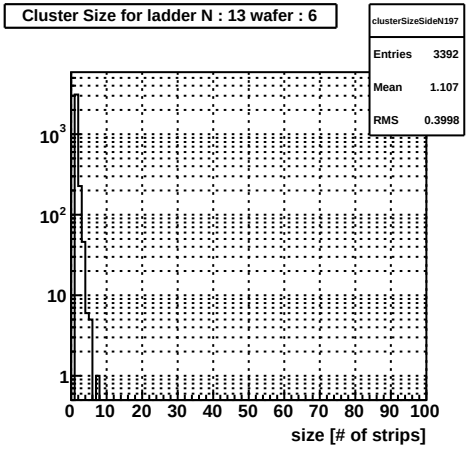

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4820
Mean 1.287
RMS 0.53
size [# of strips]

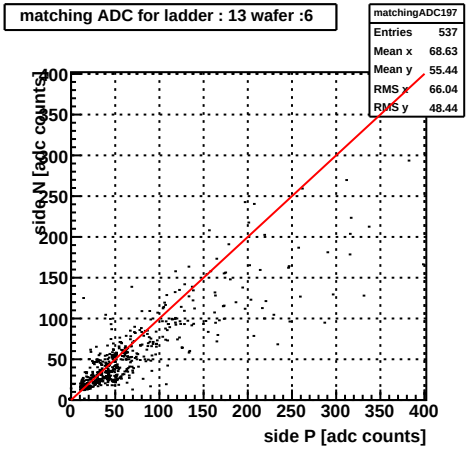

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 516
Mean x 74.02
Mean y 72.79
RMS x 62.5
RMS y 60.86
side N [adc counts]
side P [adc counts]

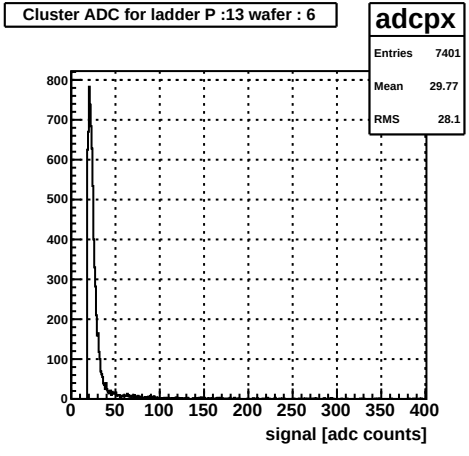

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5507
Mean 31.66
RMS 30.39
signal [adc counts]

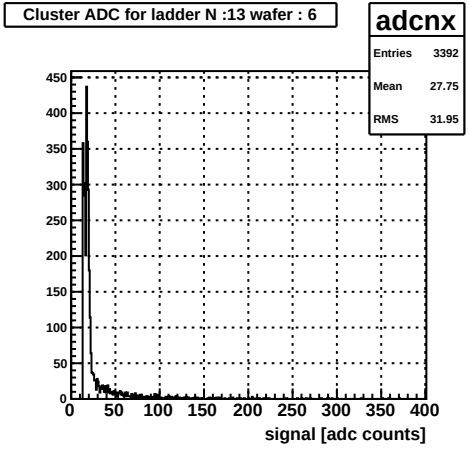

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4820
Mean 33.69
RMS 32.46
signal [adc counts]

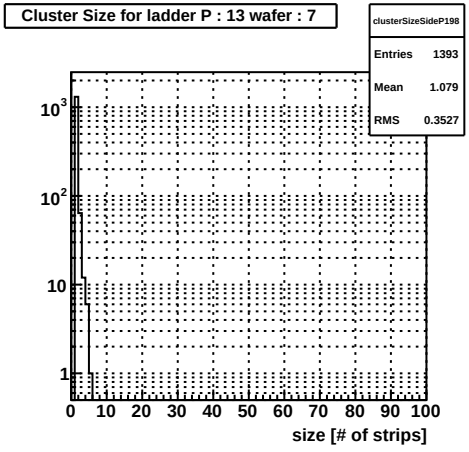

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7401
Mean 1.045
RMS 0.2374
size [# of strips]

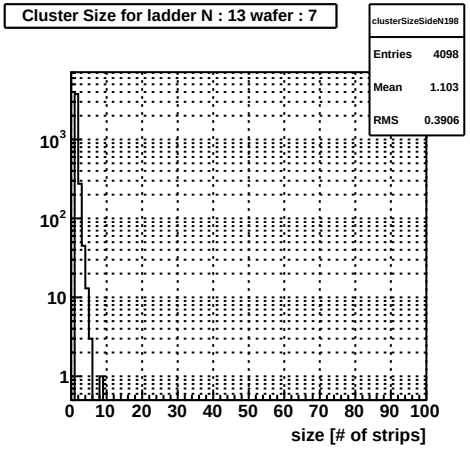

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3392
Mean 1.107
RMS 0.3998
size [# of strips]

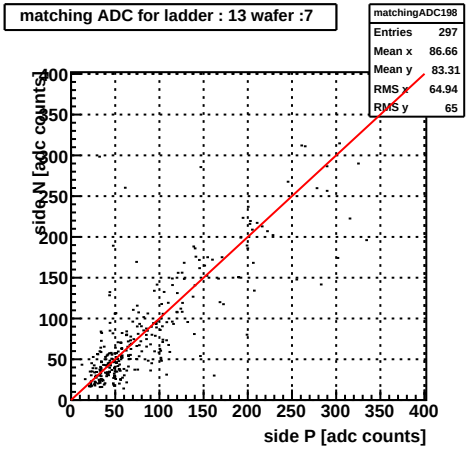

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 537
Mean x 68.63
Mean y 55.44
RMS x 66.04
RMS y 48.44
side N [adc counts]
side P [adc counts]

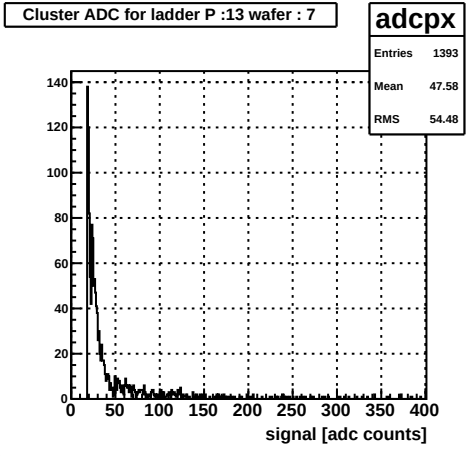

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7401
Mean 29.77
RMS 28.1
signal [adc counts]

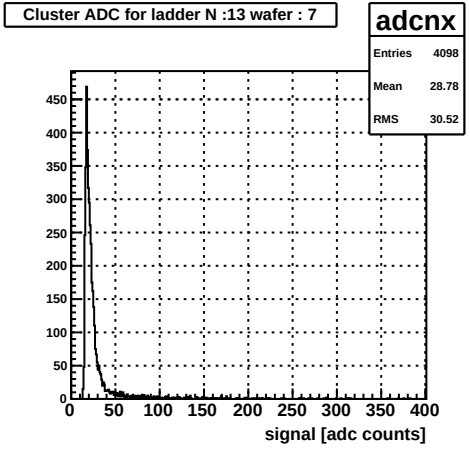

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3392
Mean 27.75
RMS 31.95
signal [adc counts]

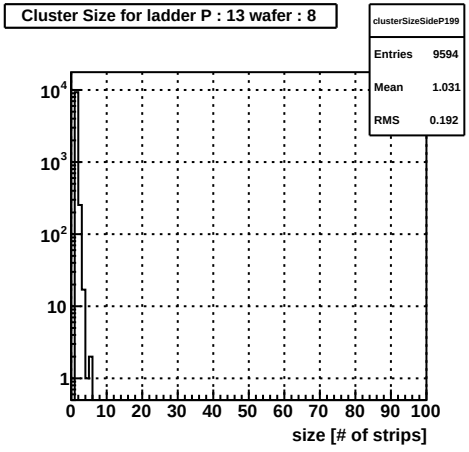

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1393
Mean 1.079
RMS 0.3527
size [# of strips]

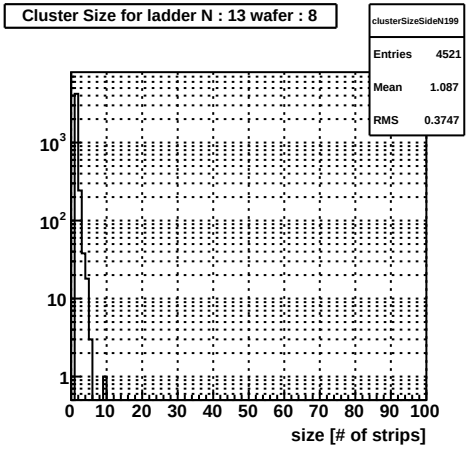

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4098
Mean 1.103
RMS 0.3906
size [# of strips]

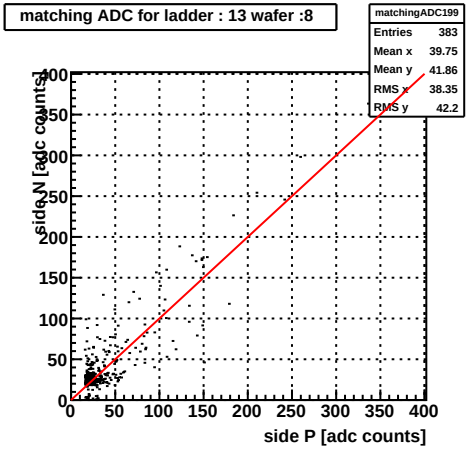

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 297
Mean x 86.66
Mean y 83.31
RMS x 64.94
RMS y 65
side N [adc counts]
side P [adc counts]

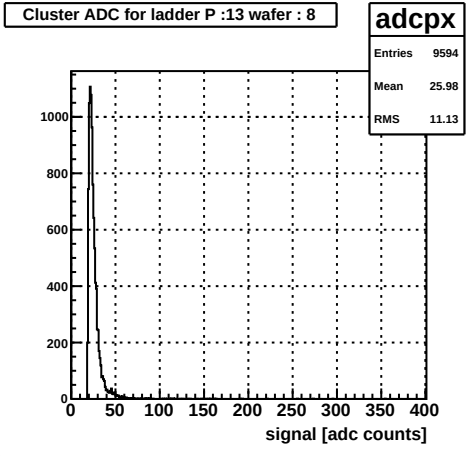

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1393
Mean 47.58
RMS 54.48
signal [adc counts]

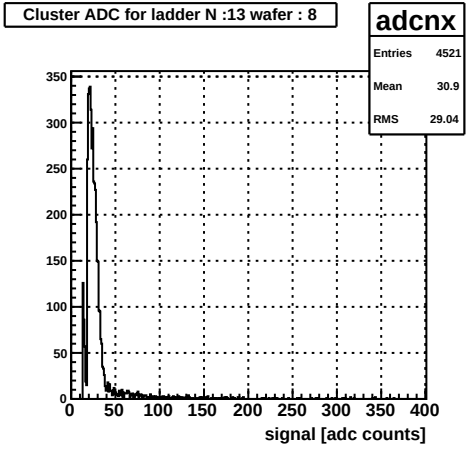

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4098
Mean 28.78
RMS 30.52
signal [adc counts]

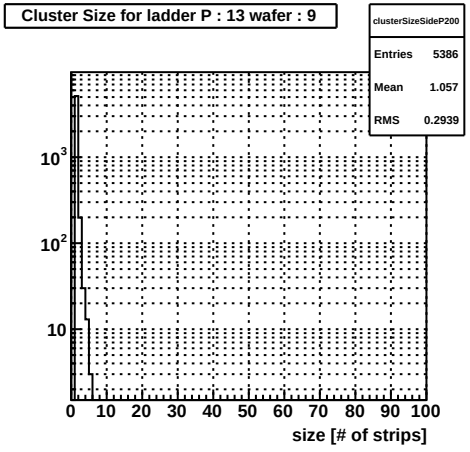

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9594
Mean 1.031
RMS 0.192
size [# of strips]

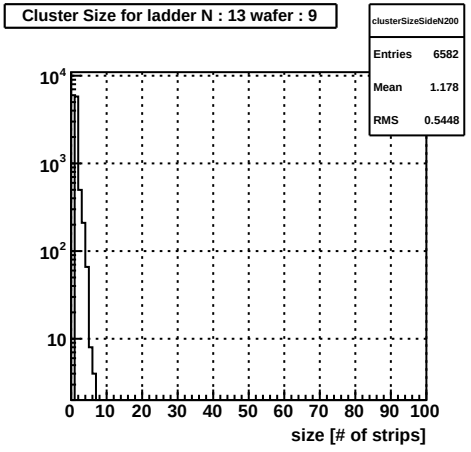

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4521
Mean 1.087
RMS 0.3747
size [# of strips]

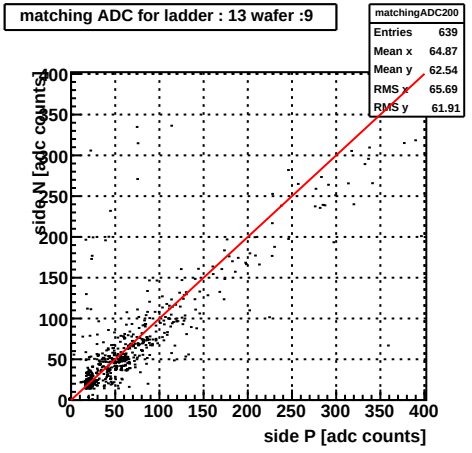

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 383
Mean x 39.75
Mean y 41.86
RMS x 38.35
RMS y 42.2
side N [adc counts]
side P [adc counts]

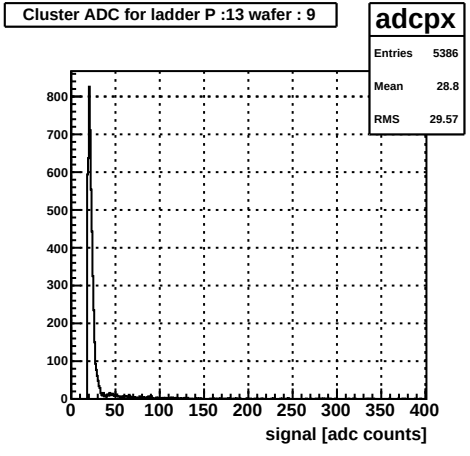

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9594
Mean 25.98
RMS 11.13
signal [adc counts]

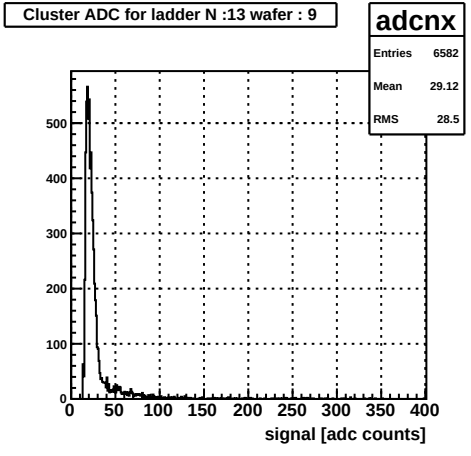

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4521
Mean 30.9
RMS 29.04
signal [adc counts]

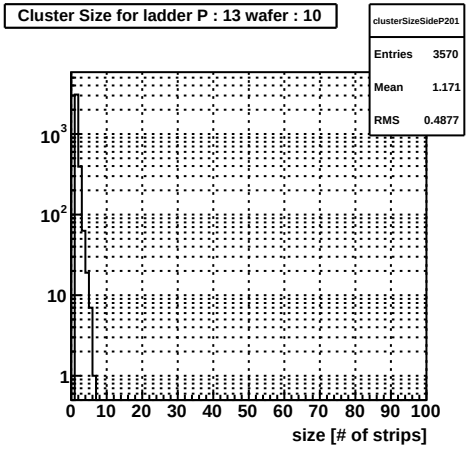

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5386
Mean 1.057
RMS 0.2939
size [# of strips]

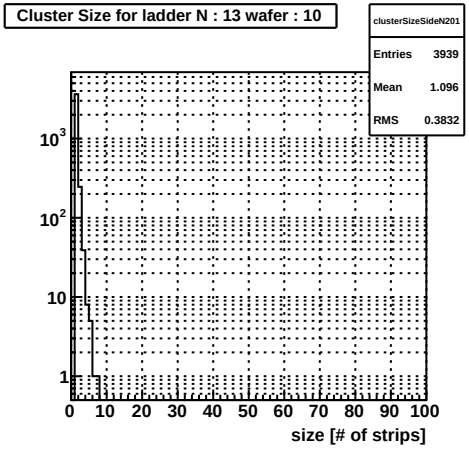

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6582
Mean 1.178
RMS 0.5448
size [# of strips]

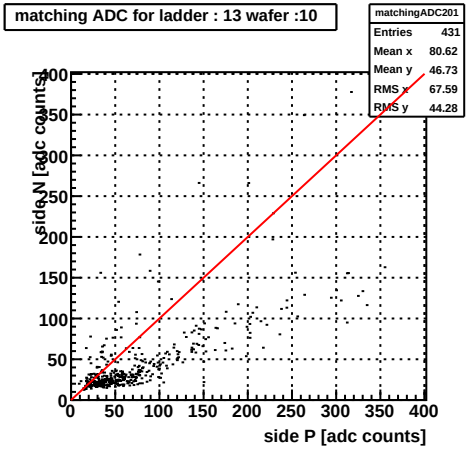

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 639
Mean x 64.87
Mean y 62.54
RMS x 65.69
RMS y 61.91
side N [adc counts]
side P [adc counts]

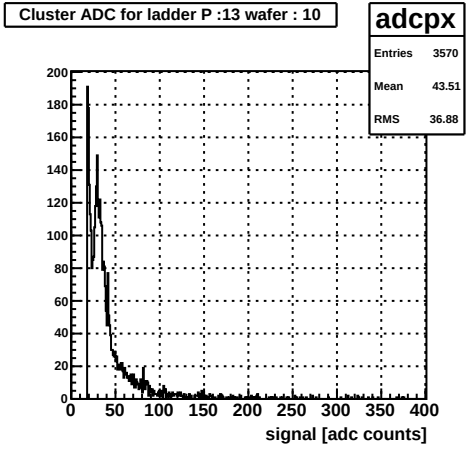

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5386
Mean 28.8
RMS 29.57
signal [adc counts]

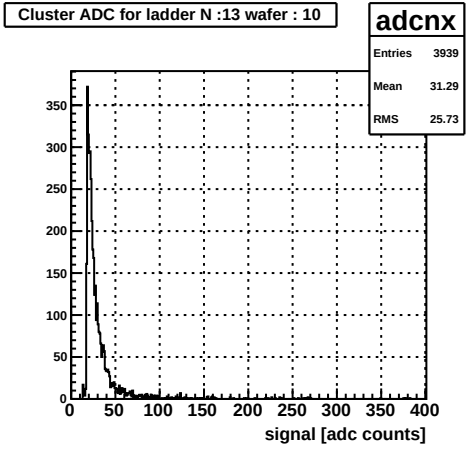

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6582
Mean 29.12
RMS 28.5
signal [adc counts]

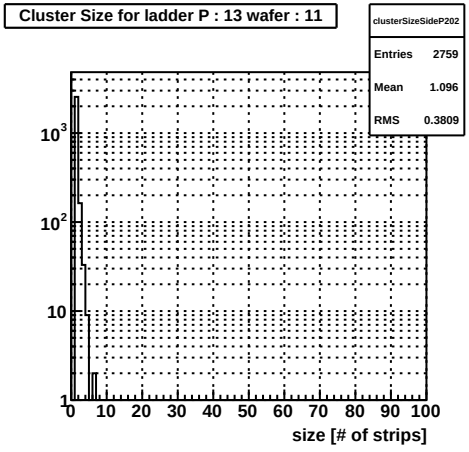

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3570
Mean 1.171
RMS 0.4877
size [# of strips]

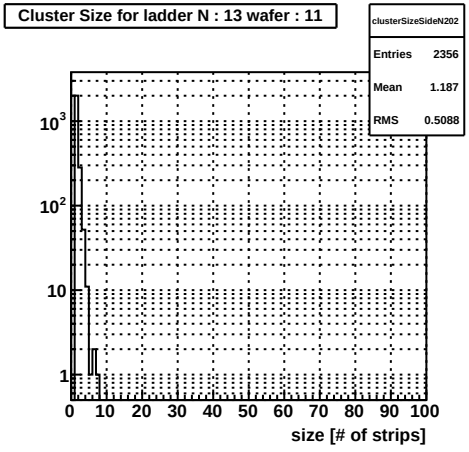

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3939
Mean 1.096
RMS 0.3832
size [# of strips]

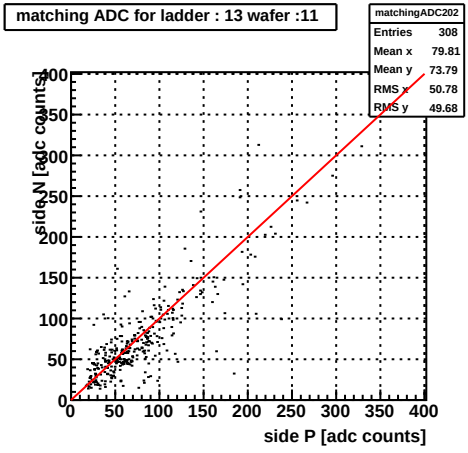

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 431
Mean x 80.62
Mean y 46.73
RMS x 67.59
RMS y 44.28
side N [adc counts]
side P [adc counts]

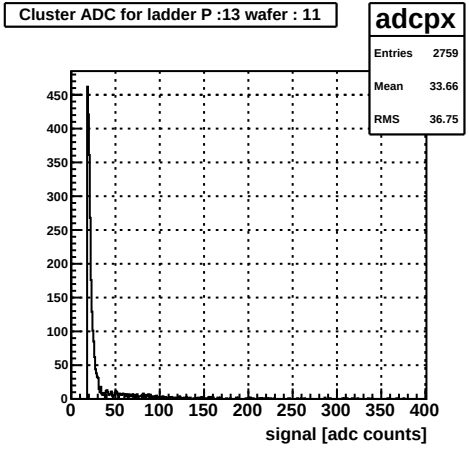

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3570
Mean 43.51
RMS 36.88
signal [adc counts]

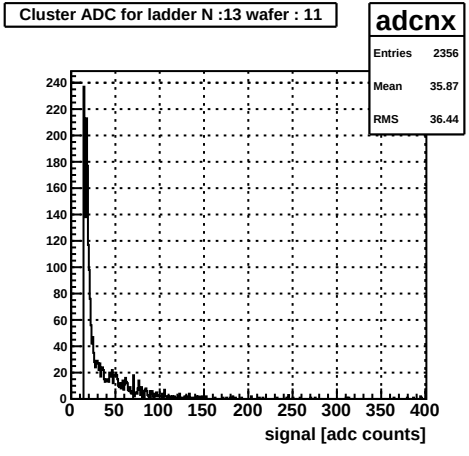

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3939
Mean 31.29
RMS 25.73
signal [adc counts]

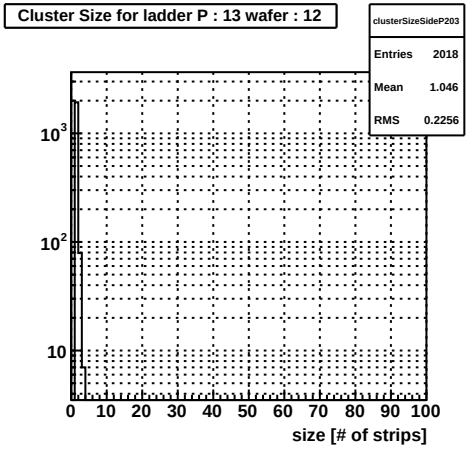

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2759
Mean 1.096
RMS 0.3809
size [# of strips]

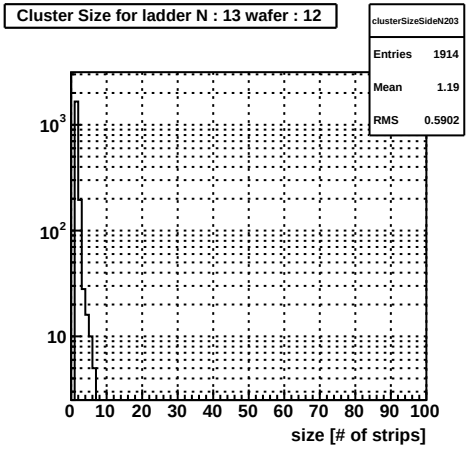

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2356
Mean 1.187
RMS 0.5088
size [# of strips]

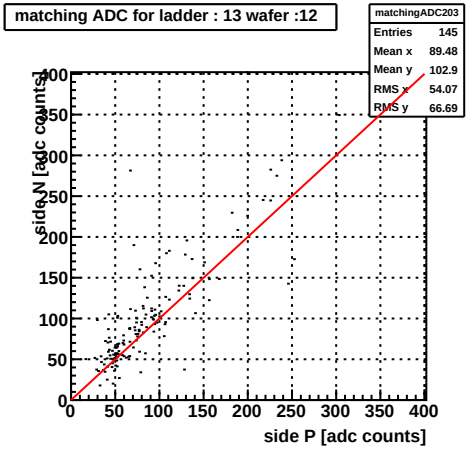

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 308
Mean x 79.81
Mean y 73.79
RMS x 50.78
RMS y 49.68
side N [adc counts]
side P [adc counts]

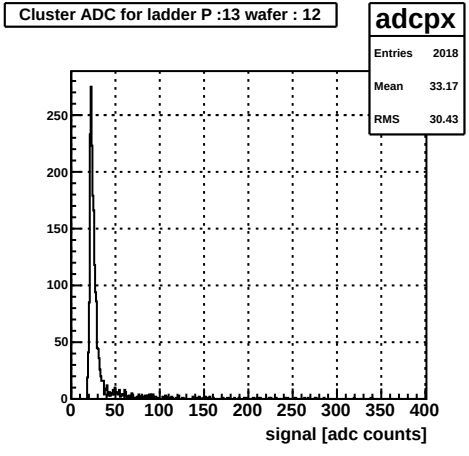

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2759
Mean 33.66
RMS 36.75
signal [adc counts]

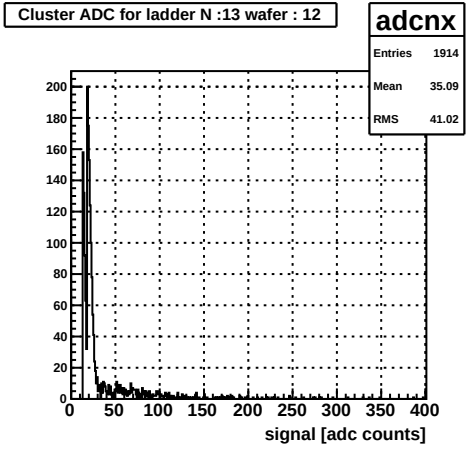

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2356
Mean 35.87
RMS 36.44
signal [adc counts]

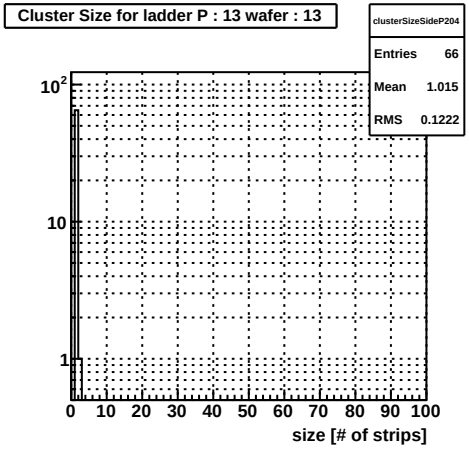

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2018
Mean 1.046
RMS 0.2256
size [# of strips]

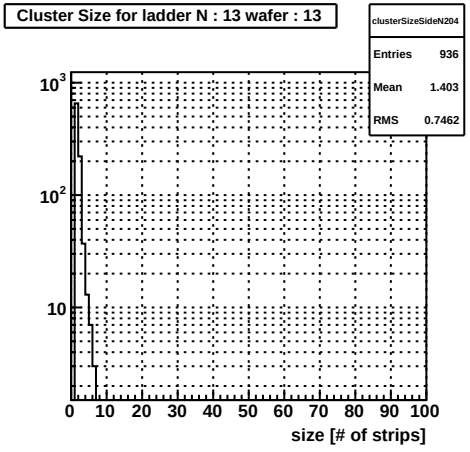

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1914
Mean 1.19
RMS 0.5902
size [# of strips]

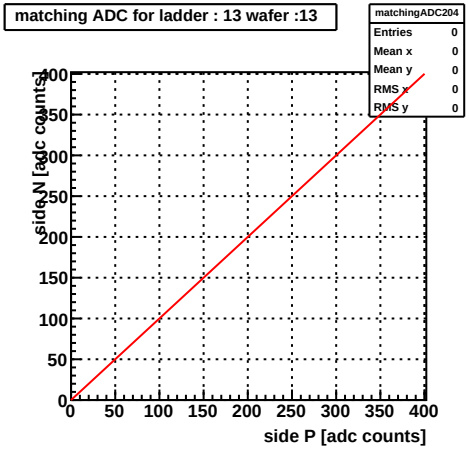

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 145
Mean x 89.48
Mean y 102.9
RMS x 54.07
RMS y 66.69
side N [adc counts]
side P [adc counts]

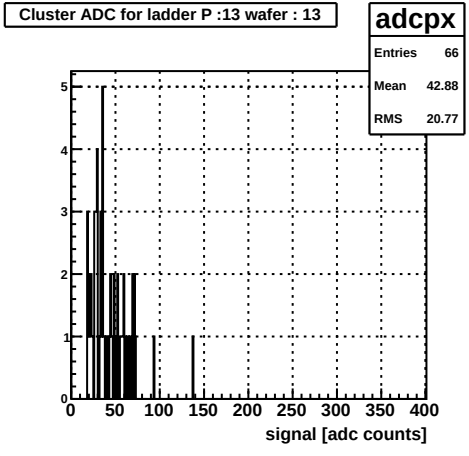

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2018
Mean 33.17
RMS 30.43
signal [adc counts]

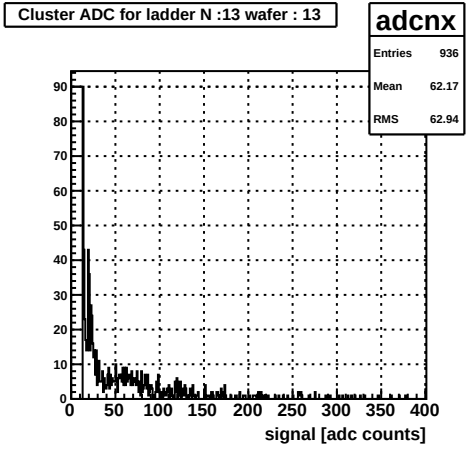

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1914
Mean 35.09
RMS 41.02
signal [adc counts]

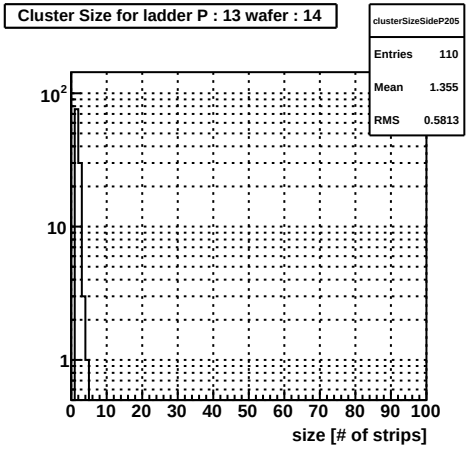

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 66
Mean 1.015
RMS 0.1222
size [# of strips]

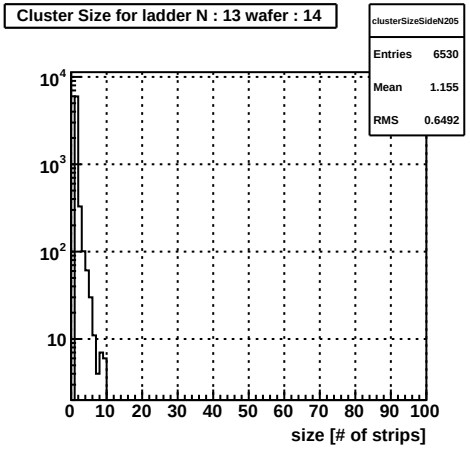

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 936
Mean 1.403
RMS 0.7462
size [# of strips]

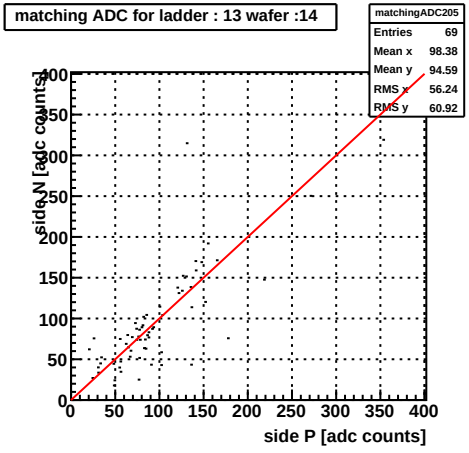

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

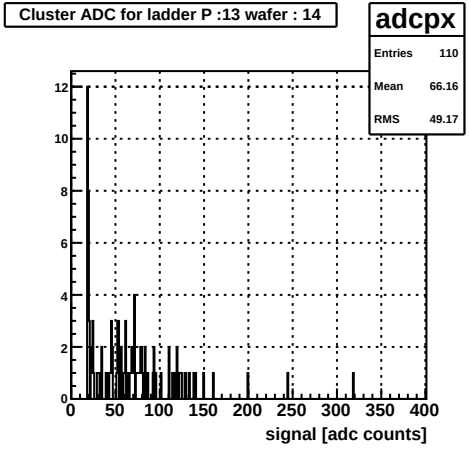

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 66
Mean 42.88
RMS 20.77
signal [adc counts]

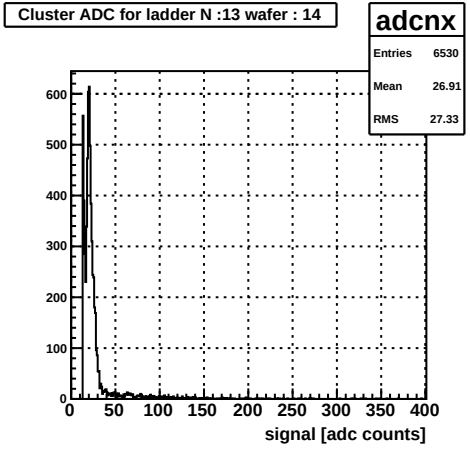

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 936
Mean 62.17
RMS 62.94
signal [adc counts]

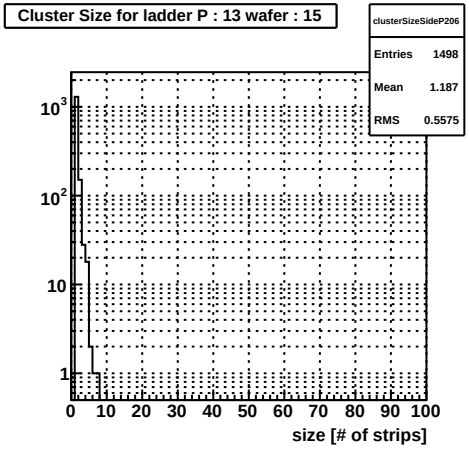

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 110
Mean 1.355
RMS 0.5813
size [# of strips]

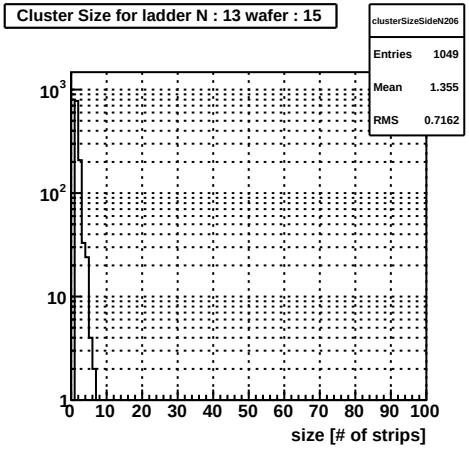

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 6530
Mean 1.155
RMS 0.6492
size [# of strips]

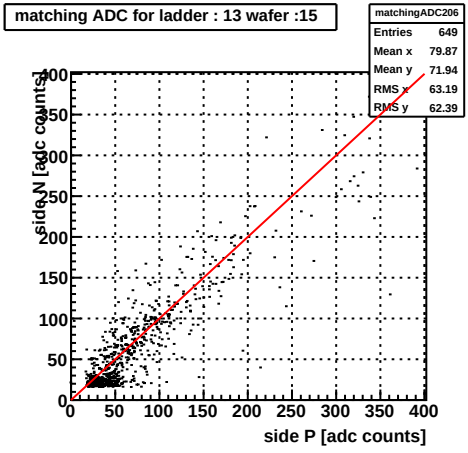

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 69
Mean x 98.38
Mean y 94.59
RMS x 56.24
RMS y 60.92
side N [adc counts]
side P [adc counts]

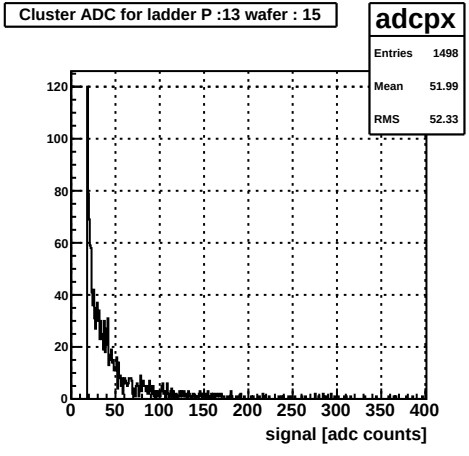

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 110
Mean 66.16
RMS 49.17
signal [adc counts]

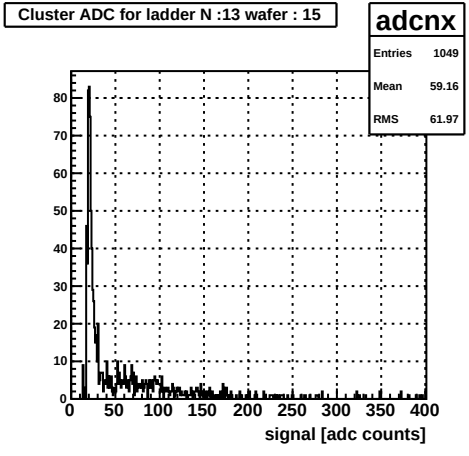

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 6530
Mean 26.91
RMS 27.33
signal [adc counts]

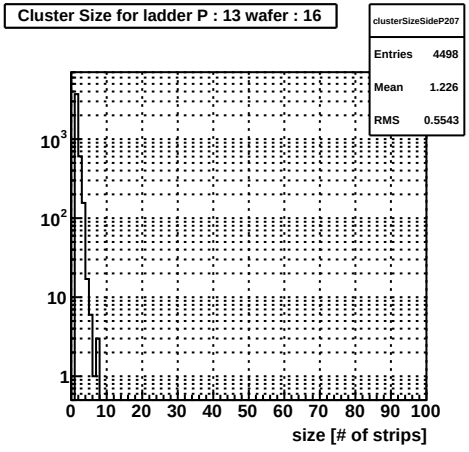

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1498
Mean 1.187
RMS 0.5575
size [# of strips]

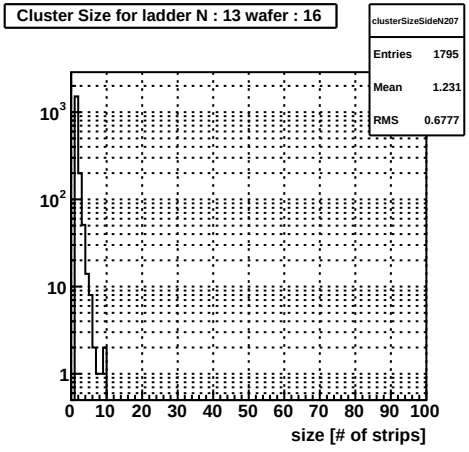

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1049
Mean 1.355
RMS 0.7162
size [# of strips]

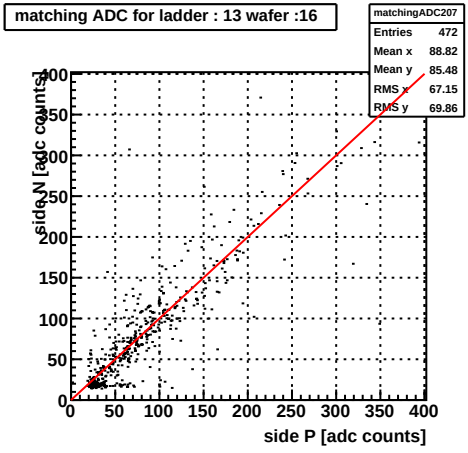

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 649
Mean x 79.87
Mean y 71.94
RMS x 63.19
RMS y 62.39
side N [adc counts]
side P [adc counts]

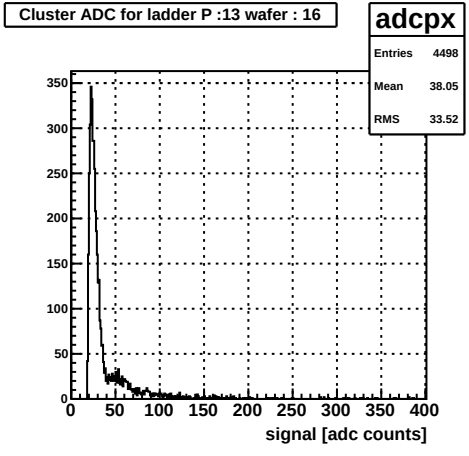

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1498
Mean 51.99
RMS 52.33
signal [adc counts]

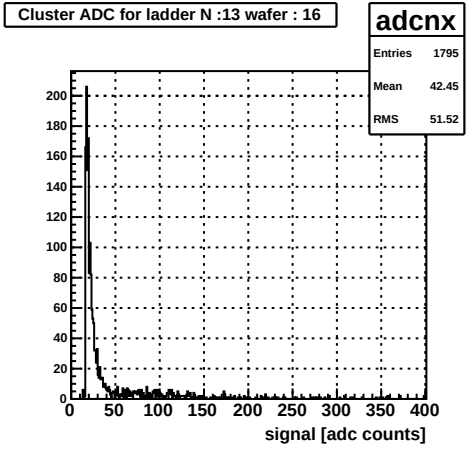

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1049
Mean 59.16
RMS 61.97
signal [adc counts]

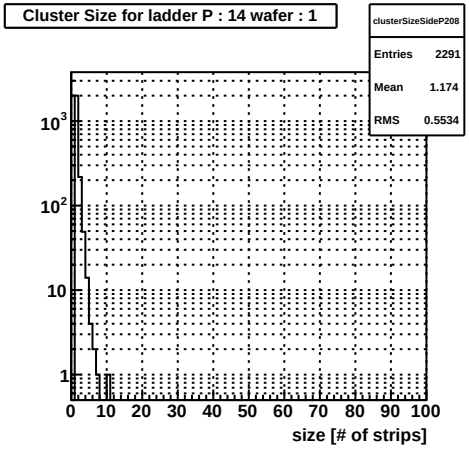

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4498
Mean 1.226
RMS 0.5543
size [# of strips]

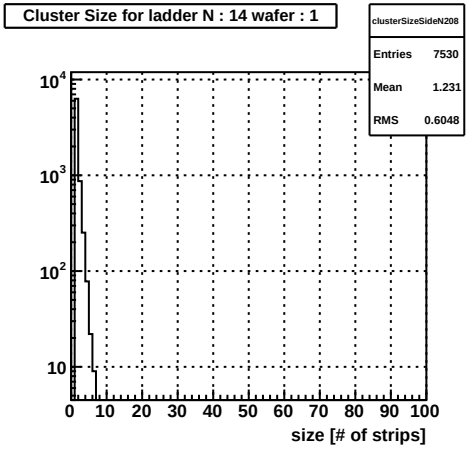

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1795
Mean 1.231
RMS 0.6777
size [# of strips]

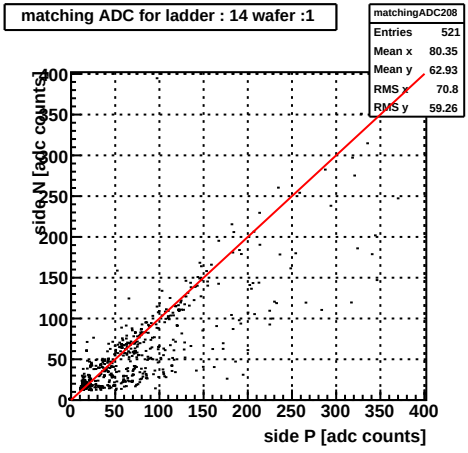

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 472
Mean x 88.82
Mean y 85.48
RMS x 67.15
RMS y 69.86
side N [adc counts]
side P [adc counts]

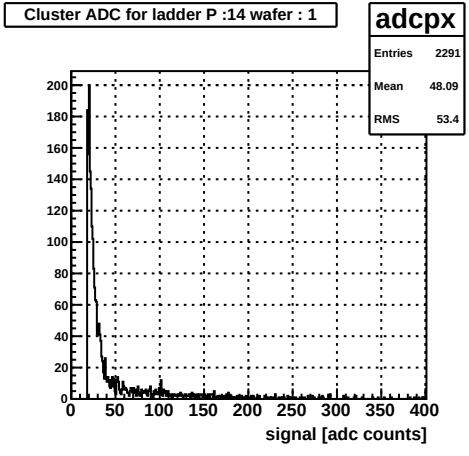

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4498
Mean 38.05
RMS 33.52
signal [adc counts]

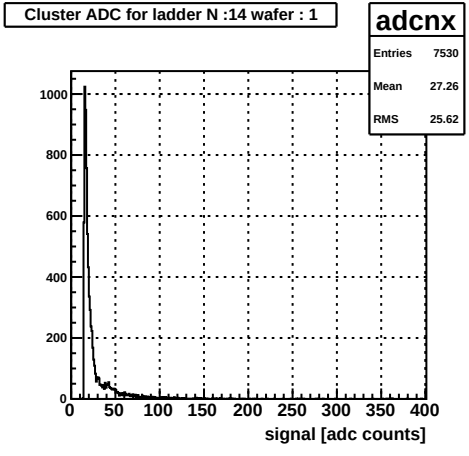

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1795
Mean 42.45
RMS 51.52
signal [adc counts]

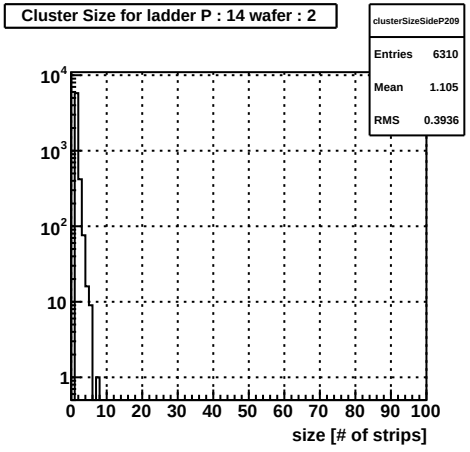

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2291
Mean 1.174
RMS 0.5534
size [# of strips]

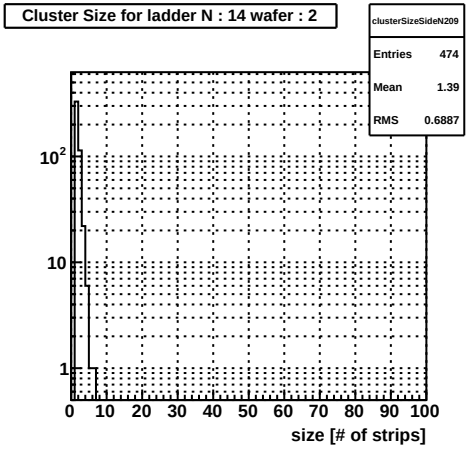

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7530
Mean 1.231
RMS 0.6048
size [# of strips]

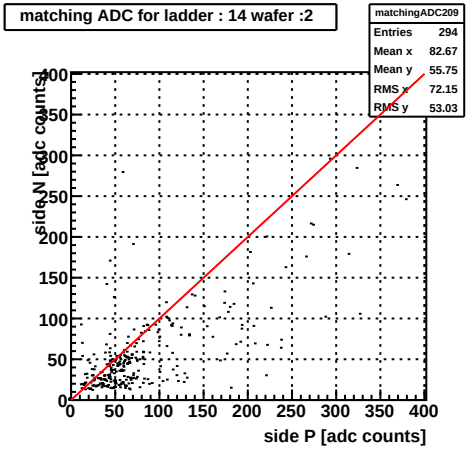

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 521
Mean x 80.35
Mean y 62.93
RMS x 70.8
RMS y 59.26
side N [adc counts]
side P [adc counts]

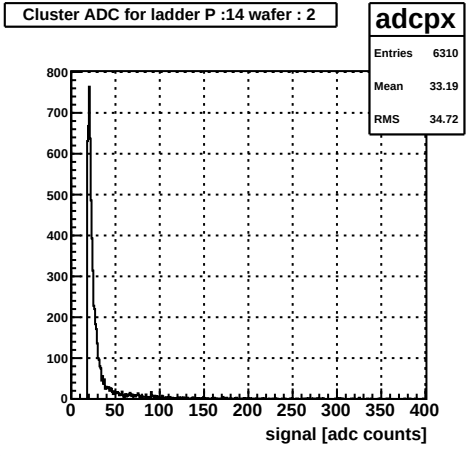

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2291
Mean 48.09
RMS 53.4
signal [adc counts]

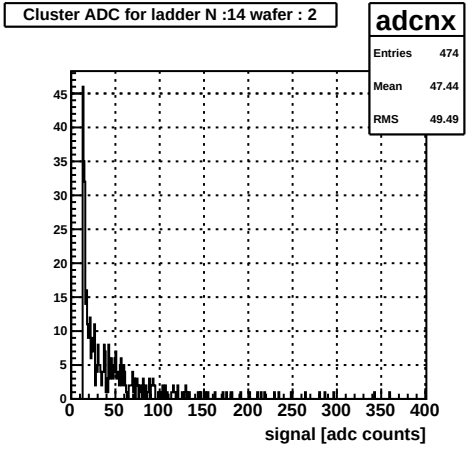

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7530
Mean 27.26
RMS 25.62
signal [adc counts]

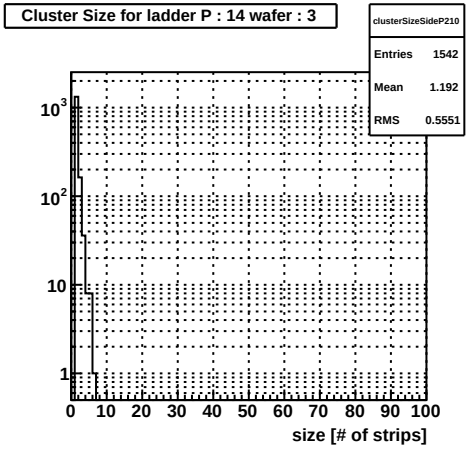

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6310
Mean 1.105
RMS 0.3936
size [# of strips]

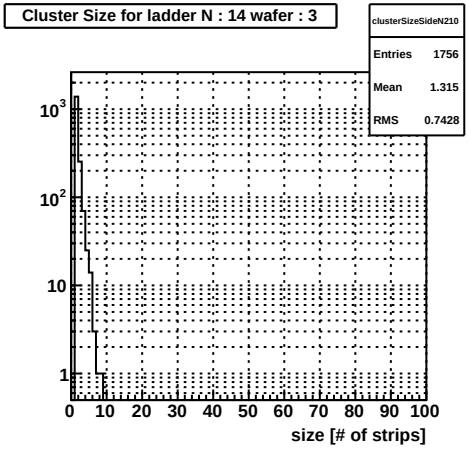

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 474
Mean 1.39
RMS 0.6887
size [# of strips]

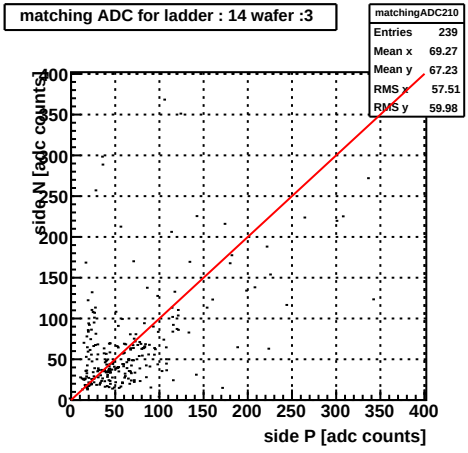

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 294
Mean x 82.67
Mean y 55.75
RMS x 72.15
RMS y 53.03
side N [adc counts]
side P [adc counts]

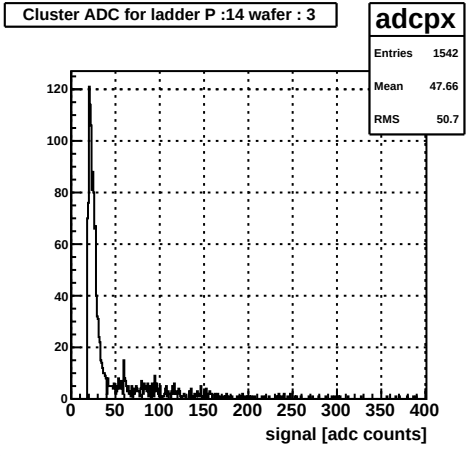

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6310
Mean 33.19
RMS 34.72
signal [adc counts]

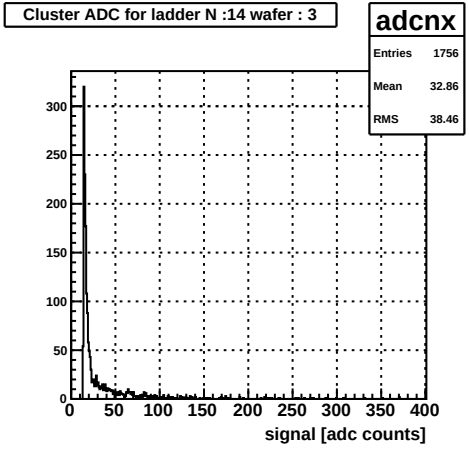

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 474
Mean 47.44
RMS 49.49
signal [adc counts]

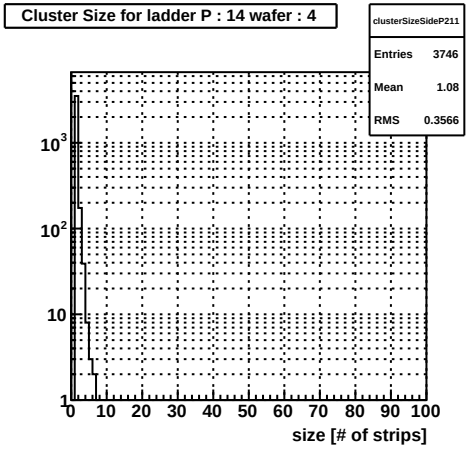

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1542
Mean 1.192
RMS 0.5551
size [# of strips]

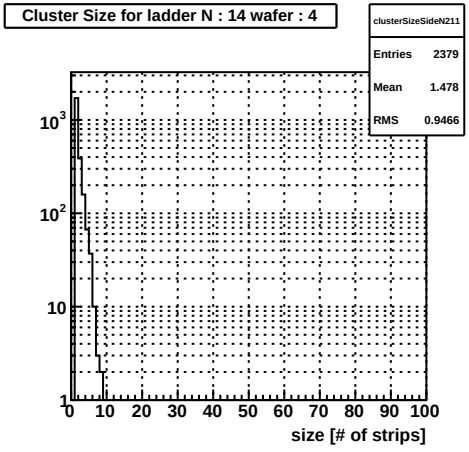

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1756
Mean 1.315
RMS 0.7428
size [# of strips]

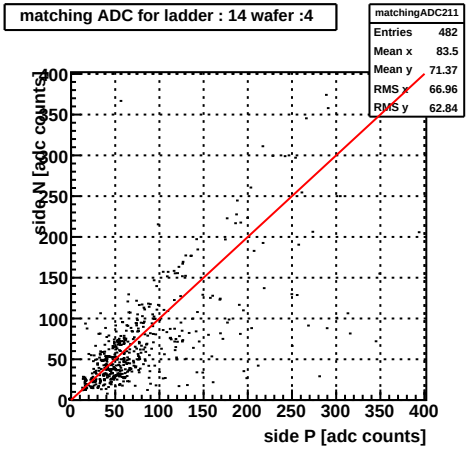

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 239
Mean x 69.27
Mean y 67.23
RMS x 57.51
RMS y 59.98
side N [adc counts]
side P [adc counts]

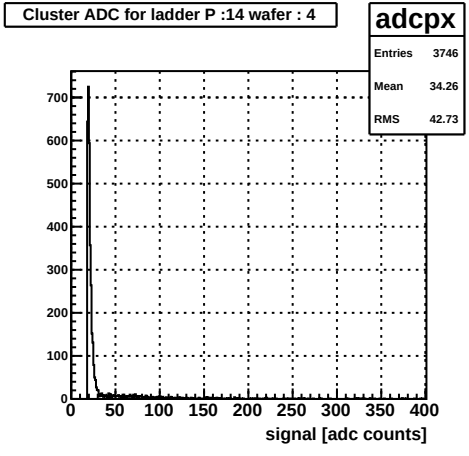

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1542
Mean 47.66
RMS 50.7
signal [adc counts]

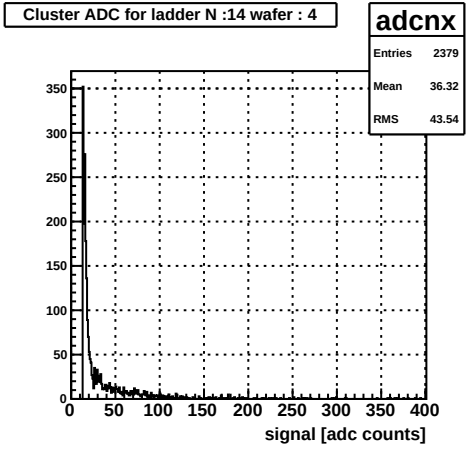

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1756
Mean 32.86
RMS 38.46
signal [adc counts]

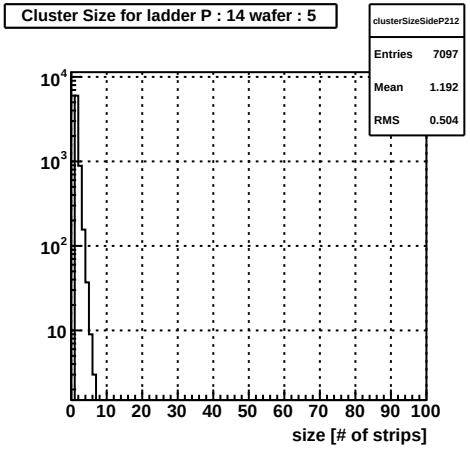

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3746
Mean 1.08
RMS 0.3566
size [# of strips]

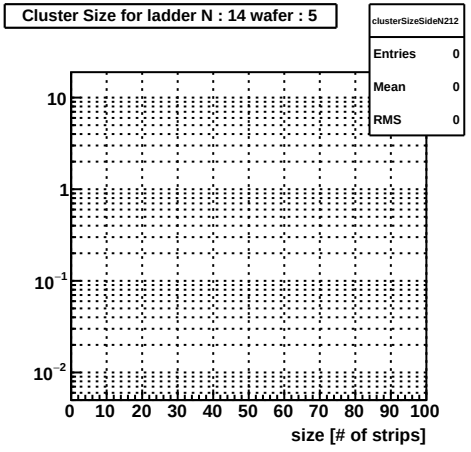

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2379
Mean 1.478
RMS 0.9466
size [# of strips]

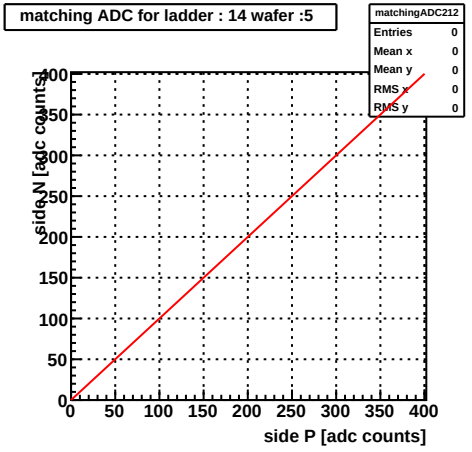

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 482
Mean x 83.5
Mean y 71.37
RMS x 66.96
RMS y 62.84
side N [adc counts]
side P [adc counts]

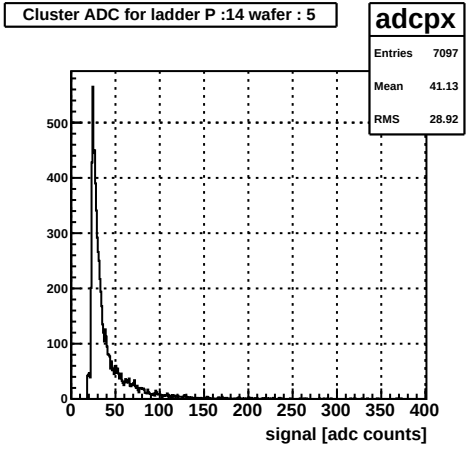

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3746
Mean 34.26
RMS 42.73
signal [adc counts]

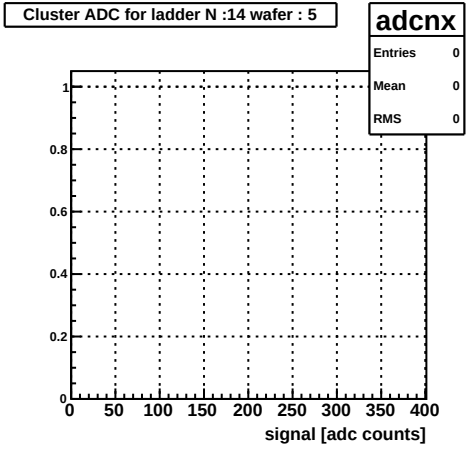

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2379
Mean 36.32
RMS 43.54
signal [adc counts]

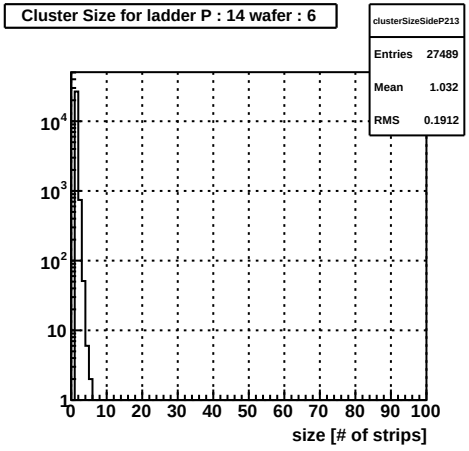

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7097
Mean 1.192
RMS 0.504
size [# of strips]

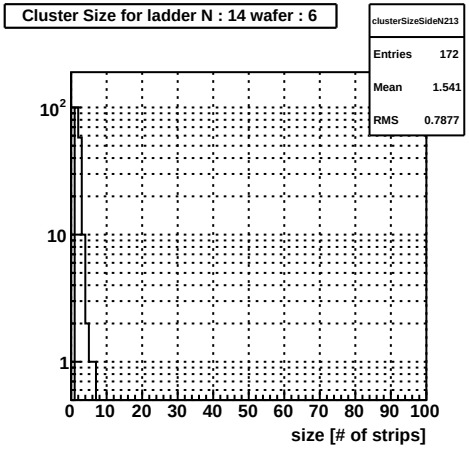

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

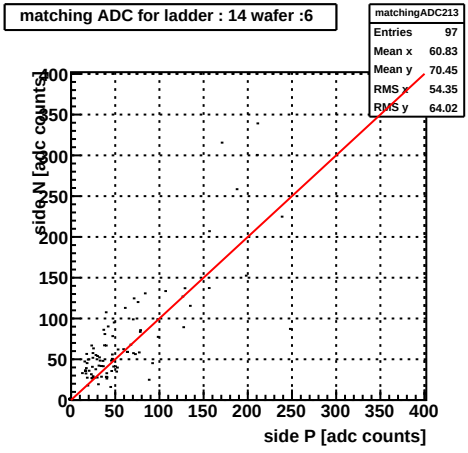

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

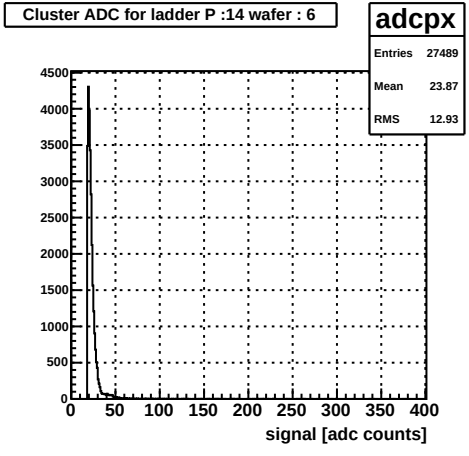

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7097
Mean 41.13
RMS 28.92
signal [adc counts]

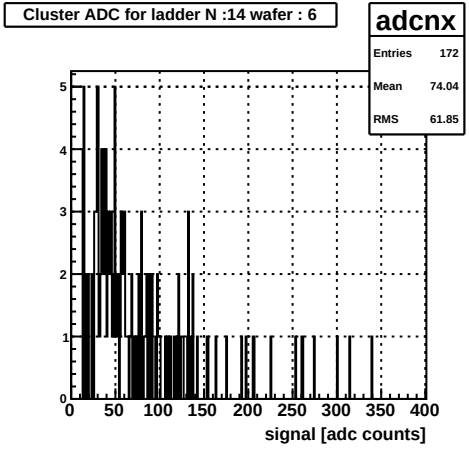

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

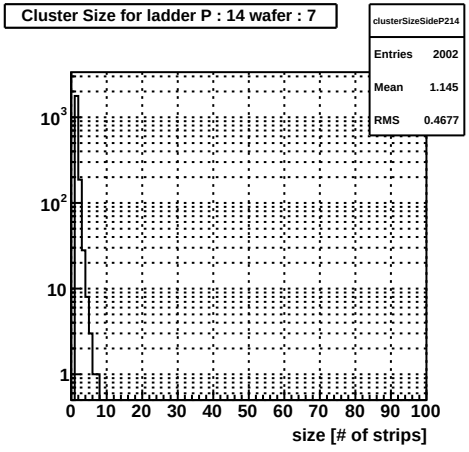

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 27489
Mean 1.032
RMS 0.1912
size [# of strips]

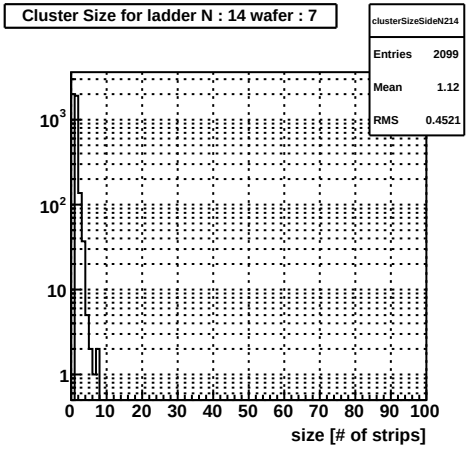

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 172
Mean 1.541
RMS 0.7877
size [# of strips]

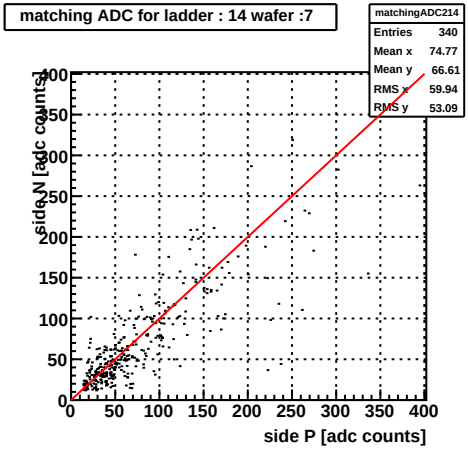

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 97
Mean x 60.83
Mean y 70.45
RMS x 54.35
RMS y 64.02
side N [adc counts]
side P [adc counts]

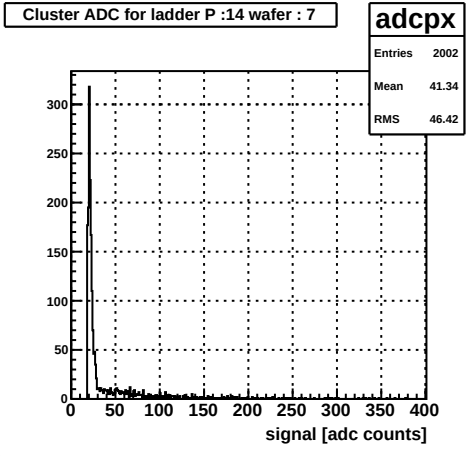

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 27489
Mean 23.87
RMS 12.93
signal [adc counts]

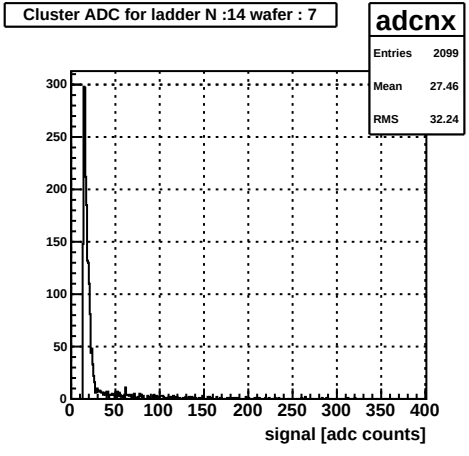

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 172
Mean 74.04
RMS 61.85
signal [adc counts]

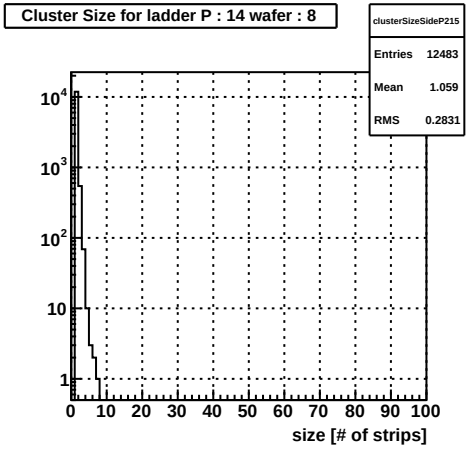

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2002
Mean 1.145
RMS 0.4677
size [# of strips]

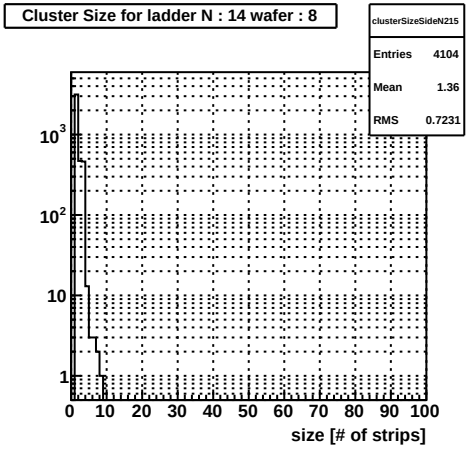

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2099
Mean 1.12
RMS 0.4521
size [# of strips]

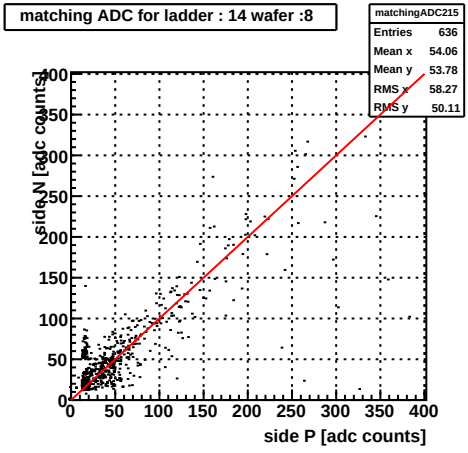

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 340
Mean x 74.77
Mean y 66.61
RMS x 59.94
RMS y 53.09
side N [adc counts]
side P [adc counts]

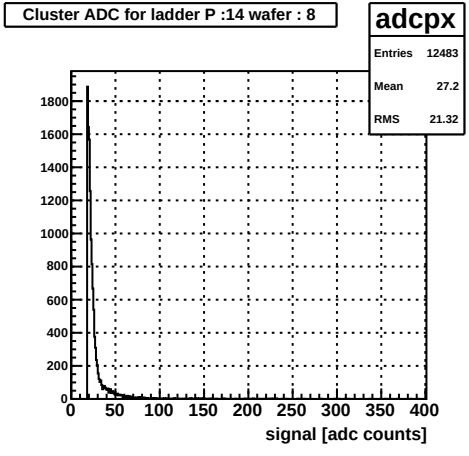

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2002
Mean 41.34
RMS 46.42
signal [adc counts]

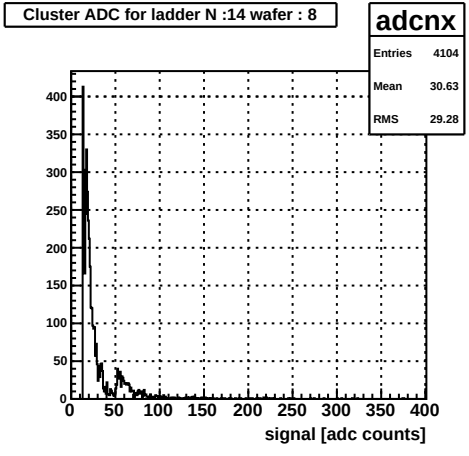

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2099
Mean 27.46
RMS 32.24
signal [adc counts]

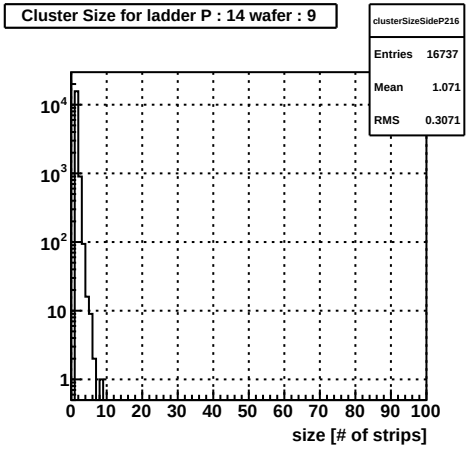

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 12483
Mean 1.059
RMS 0.2831
size [# of strips]

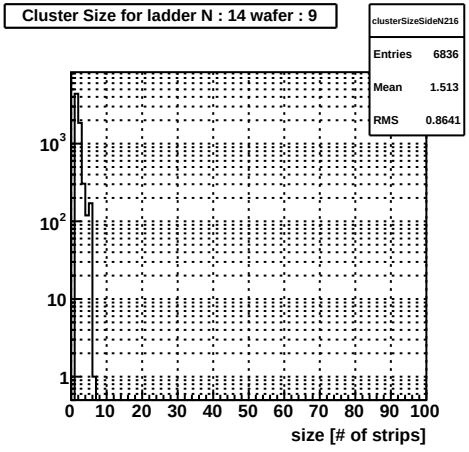

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 4104
Mean 1.36
RMS 0.7231
size [# of strips]

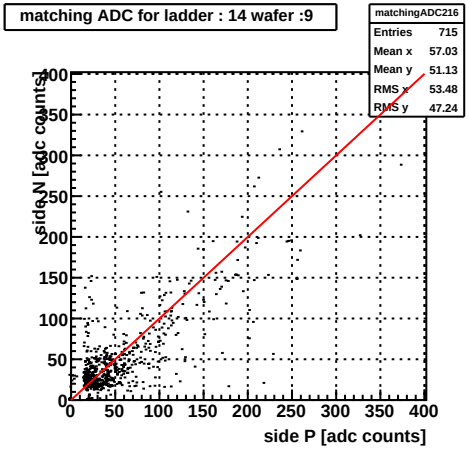

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 636
Mean x 54.06
Mean y 53.78
RMS x 58.27
RMS y 50.11
side N [adc counts]
side P [adc counts]

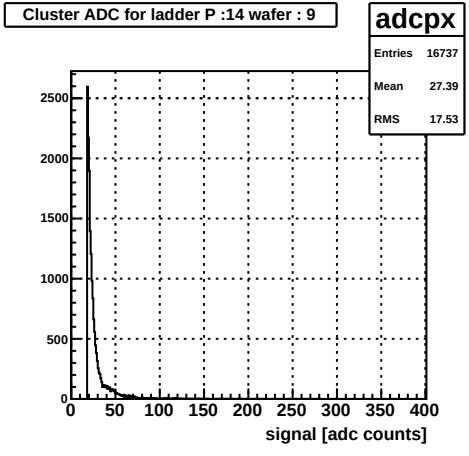

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 12483
Mean 27.2
RMS 21.32
signal [adc counts]

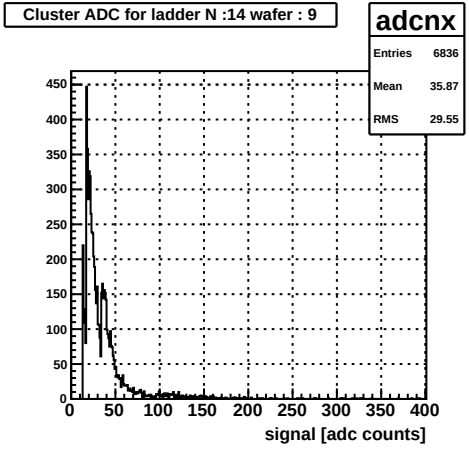

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 4104
Mean 30.63
RMS 29.28
signal [adc counts]

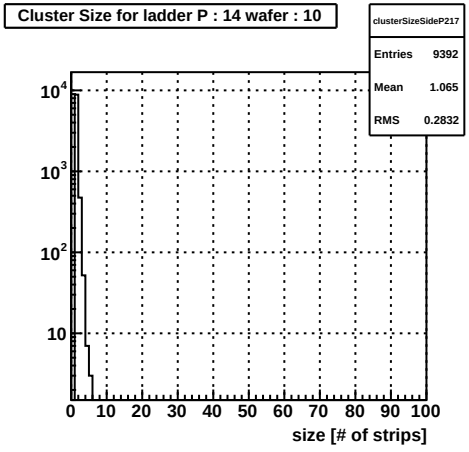

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 16737
Mean 1.071
RMS 0.3071
size [# of strips]

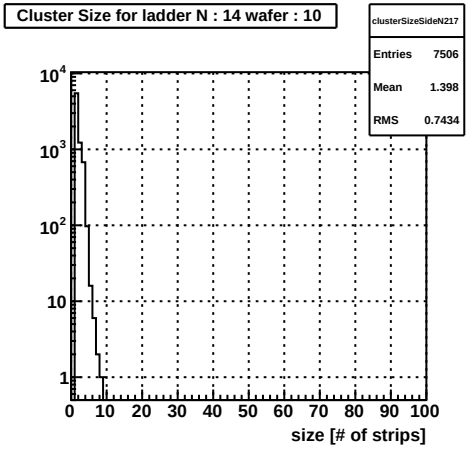

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6836
Mean 1.513
RMS 0.8641
size [# of strips]

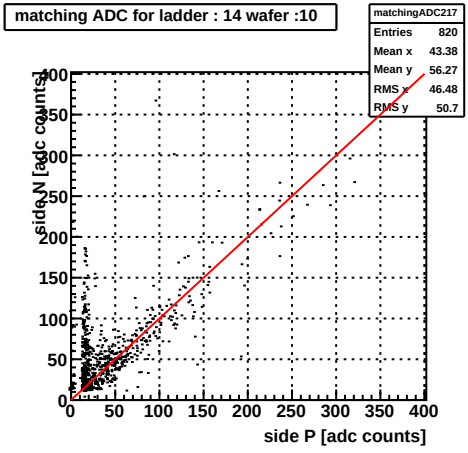

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 715
Mean x 57.03
Mean y 51.13
RMS x 53.48
RMS y 47.24
side N [adc counts]
side P [adc counts]

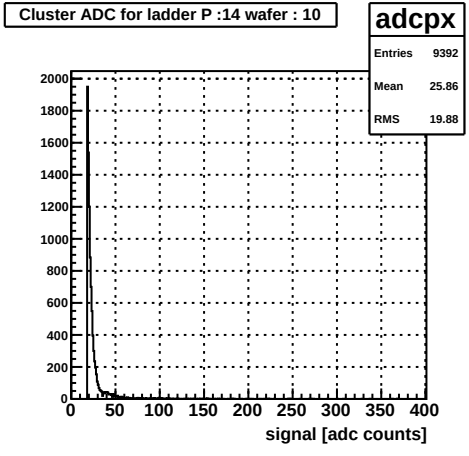

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 16737
Mean 27.39
RMS 17.53
signal [adc counts]

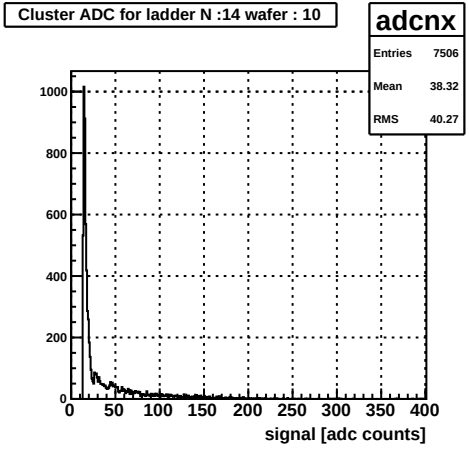

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6836
Mean 35.87
RMS 29.55
signal [adc counts]

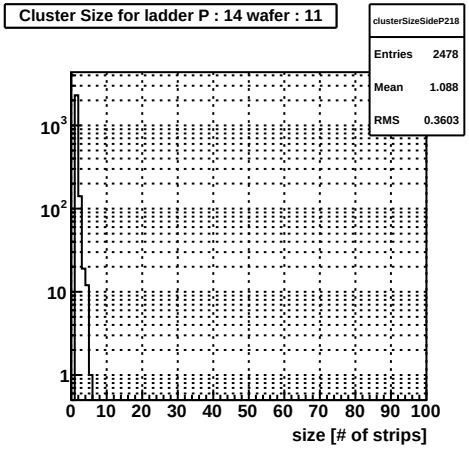

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9392
Mean 1.065
RMS 0.2832
size [# of strips]

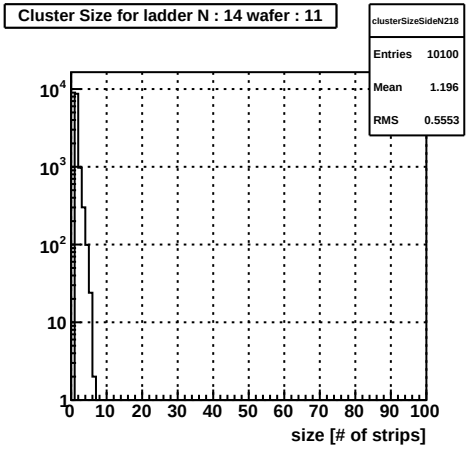

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7506
Mean 1.398
RMS 0.7434
size [# of strips]

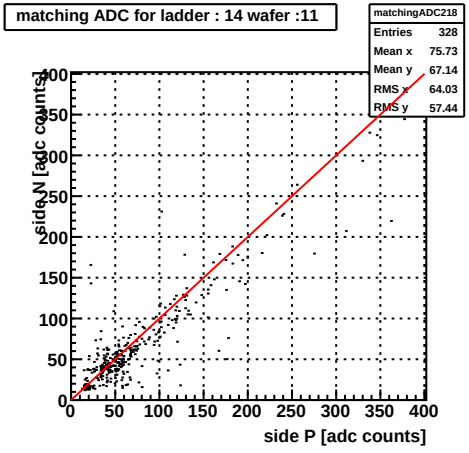

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 820
Mean x 43.38
Mean y 56.27
RMS x 46.48
RMS y 50.7
side N [adc counts]
side P [adc counts]

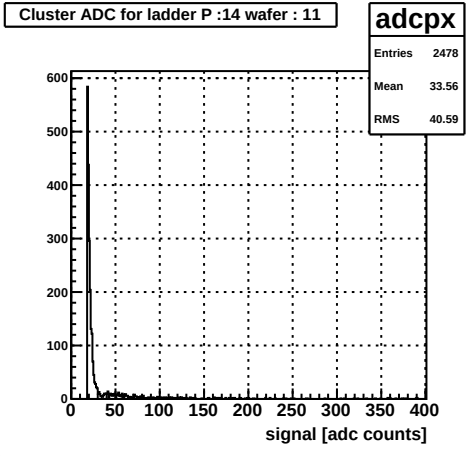

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9392
Mean 25.86
RMS 19.88
signal [adc counts]

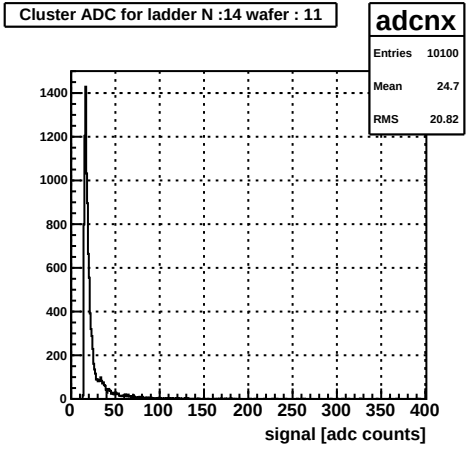

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7506
Mean 38.32
RMS 40.27
signal [adc counts]

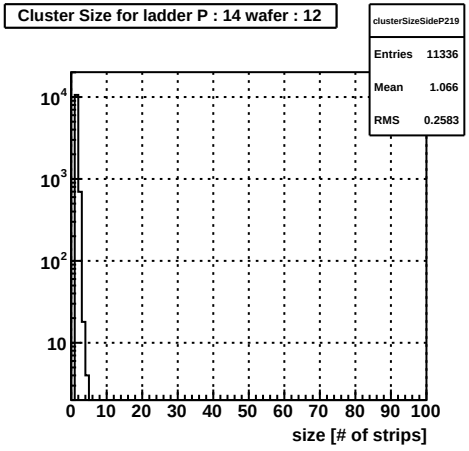

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2478
Mean 1.088
RMS 0.3603
size [# of strips]

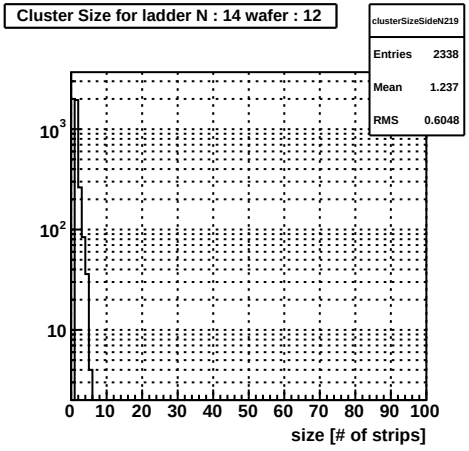

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10100
Mean 1.196
RMS 0.5553
size [# of strips]

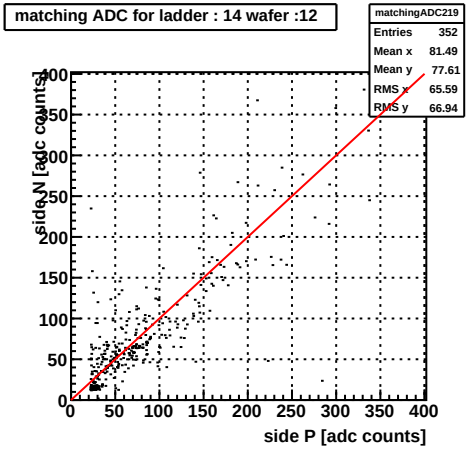

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 328
Mean x 75.73
Mean y 67.14
RMS x 64.03
RMS y 57.44
side N [adc counts]
side P [adc counts]

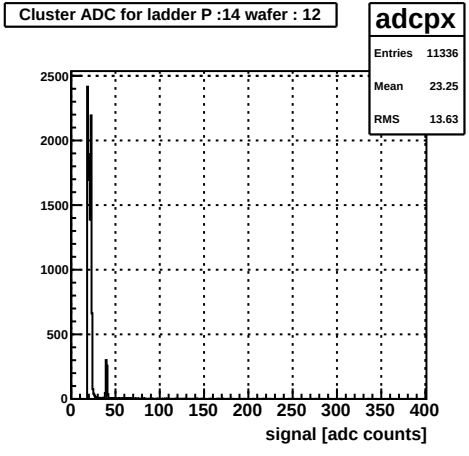

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2478
Mean 33.56
RMS 40.59
signal [adc counts]

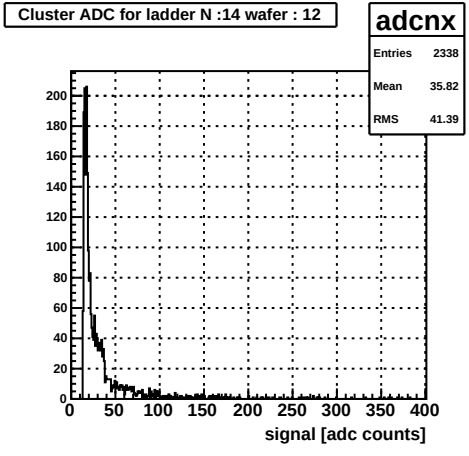

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10100
Mean 24.7
RMS 20.82
signal [adc counts]

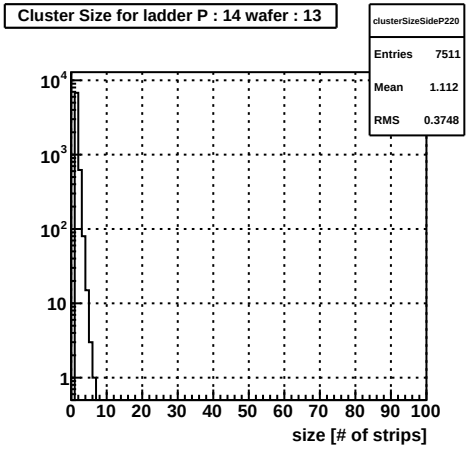

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 11336
Mean 1.066
RMS 0.2583
size [# of strips]

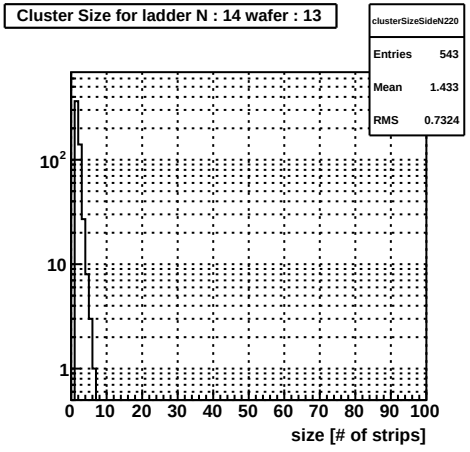

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2338
Mean 1.237
RMS 0.6048
size [# of strips]

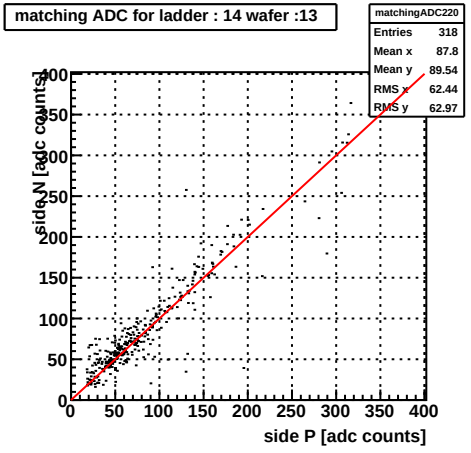

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 352
Mean x 81.49
Mean y 77.61
RMS x 65.59
RMS y 66.94
side N [adc counts]
side P [adc counts]

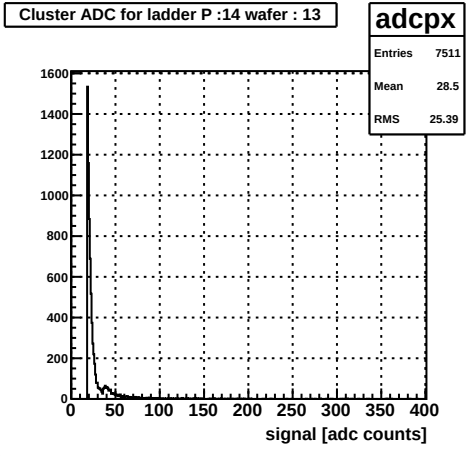

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 11336
Mean 23.25
RMS 13.63
signal [adc counts]

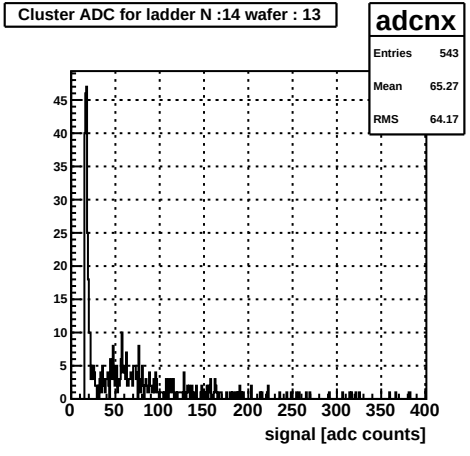

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2338
Mean 35.82
RMS 41.39
signal [adc counts]

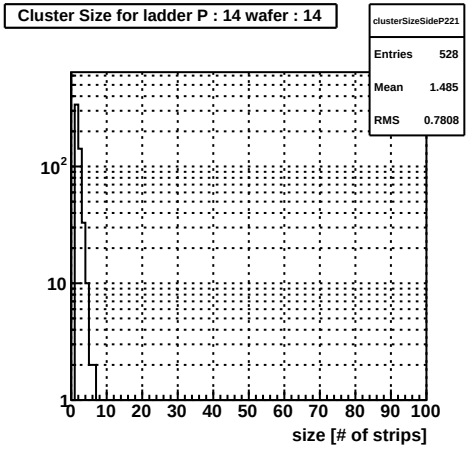

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7511
Mean 1.112
RMS 0.3748
size [# of strips]

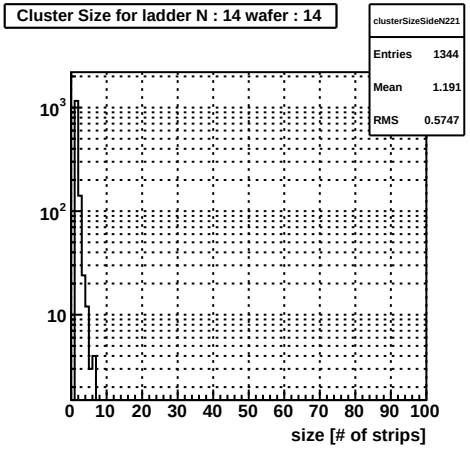

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 543
Mean 1.433
RMS 0.7324
size [# of strips]

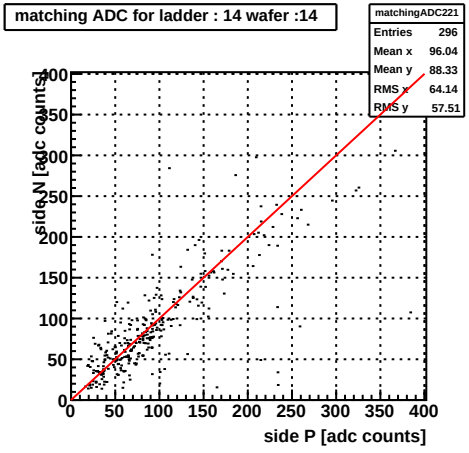

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 318
Mean x 87.8
Mean y 89.54
RMS x 62.44
RMS y 62.97
side N [adc counts]
side P [adc counts]

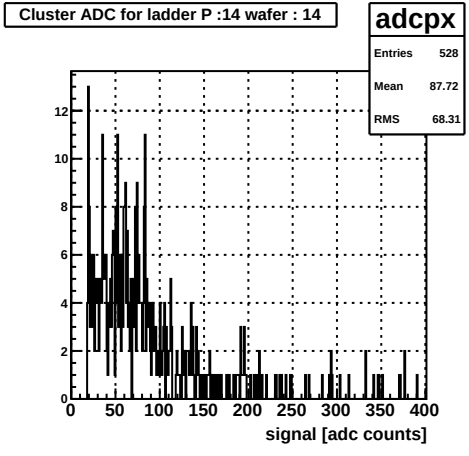

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7511
Mean 28.5
RMS 25.39
signal [adc counts]

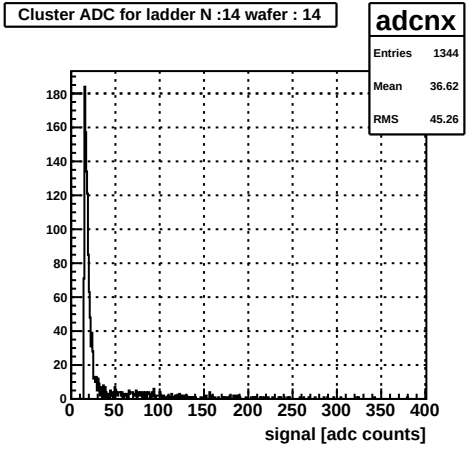

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 543
Mean 65.27
RMS 64.17
signal [adc counts]

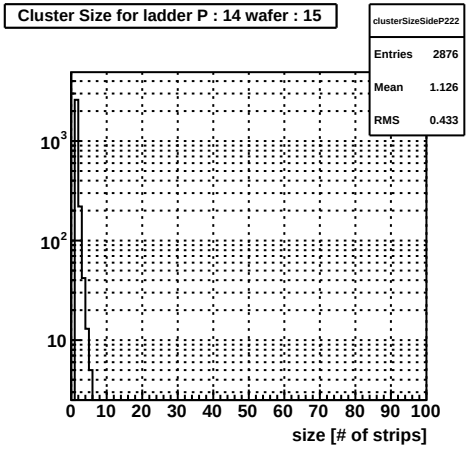

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 528
Mean 1.485
RMS 0.7808
size [# of strips]

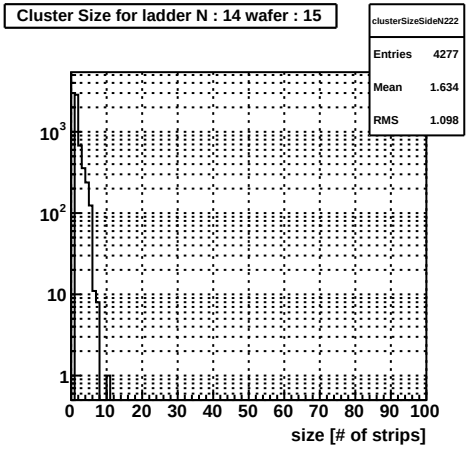

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1344
Mean 1.191
RMS 0.5747
size [# of strips]

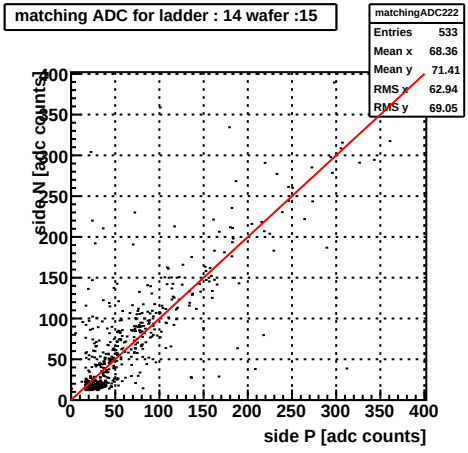

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 296
Mean x 96.04
Mean y 88.33
RMS x 64.14
RMS y 57.51
side N [adc counts]
side P [adc counts]

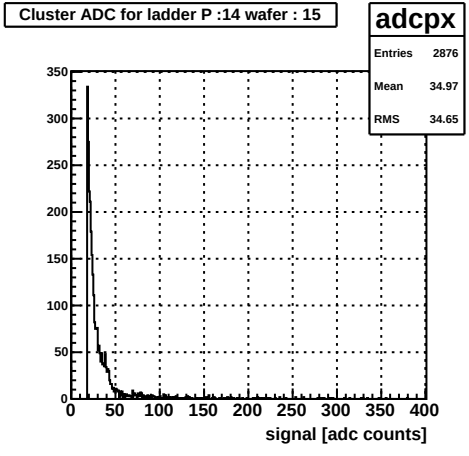

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 528
Mean 87.72
RMS 68.31
signal [adc counts]

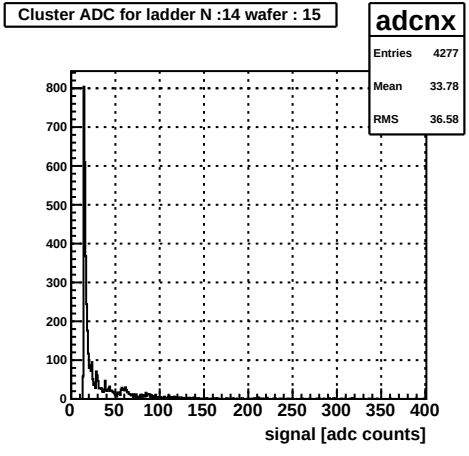

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1344
Mean 36.62
RMS 45.26
signal [adc counts]

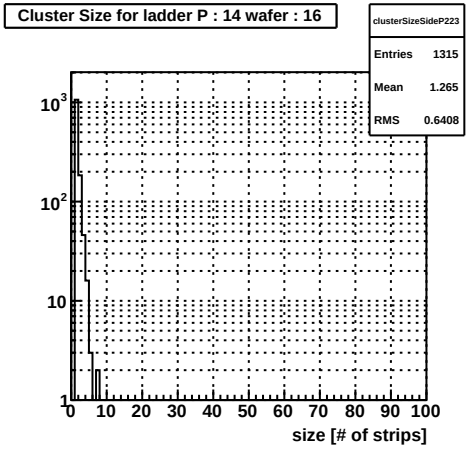

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2876
Mean 1.126
RMS 0.433
size [# of strips]

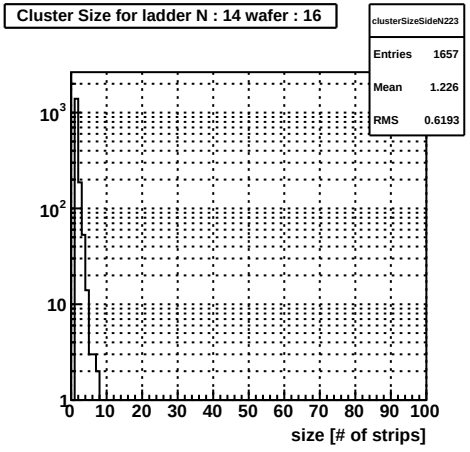

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4277
Mean 1.634
RMS 1.098
size [# of strips]

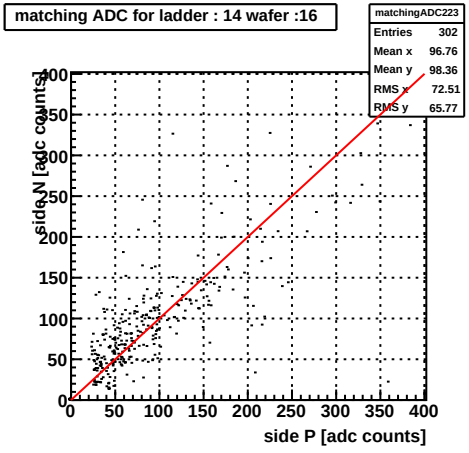

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 533
Mean x 68.36
Mean y 71.41
RMS x 62.94
RMS y 69.05
side N [adc counts]
side P [adc counts]

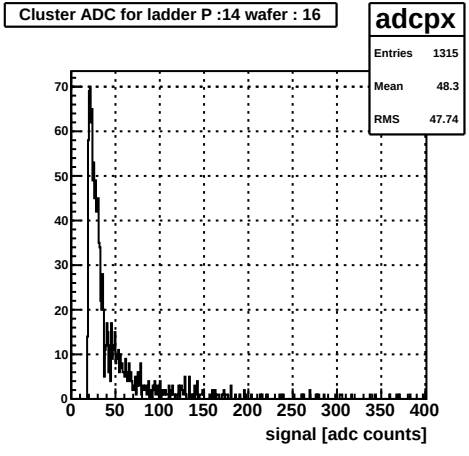

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2876
Mean 34.97
RMS 34.65
signal [adc counts]

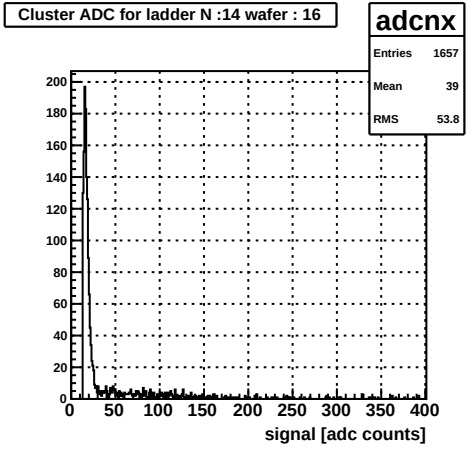

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4277
Mean 33.78
RMS 36.58
signal [adc counts]

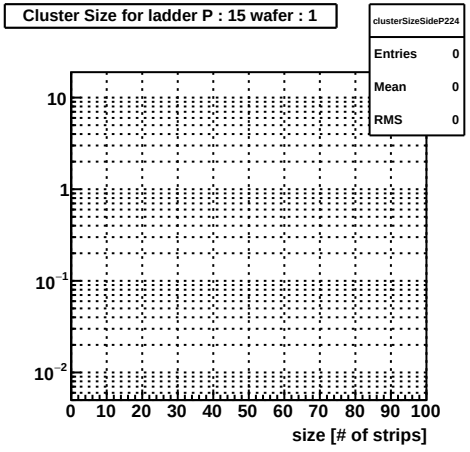

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1315
Mean 1.265
RMS 0.6408
size [# of strips]

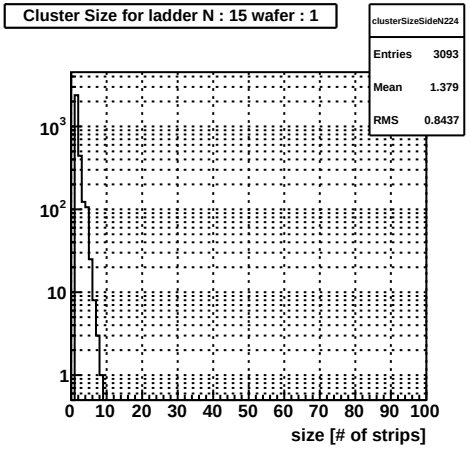

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1657
Mean 1.226
RMS 0.6193
size [# of strips]

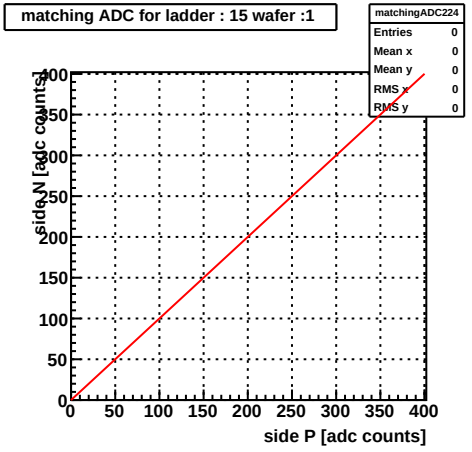

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 302
Mean x 96.76
Mean y 98.36
RMS x 72.51
RMS y 65.77
side N [adc counts]
side P [adc counts]

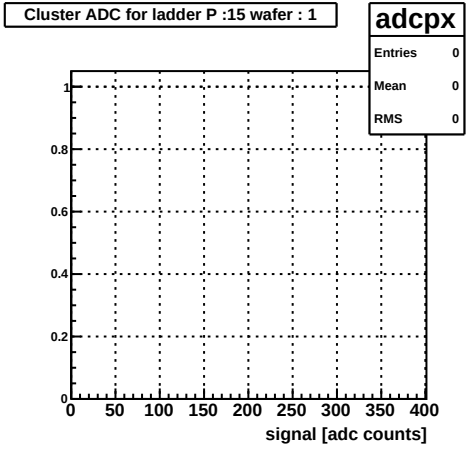

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1315
Mean 48.3
RMS 47.74
signal [adc counts]

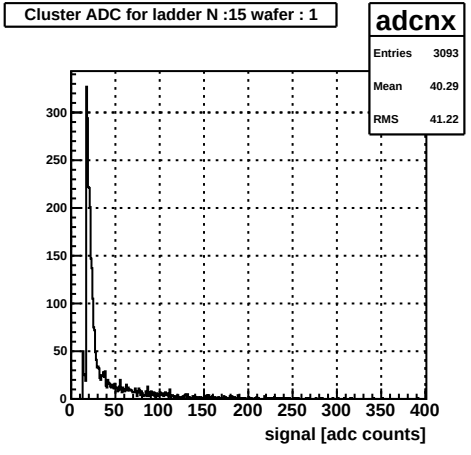

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1657
Mean 39
RMS 53.8
signal [adc counts]

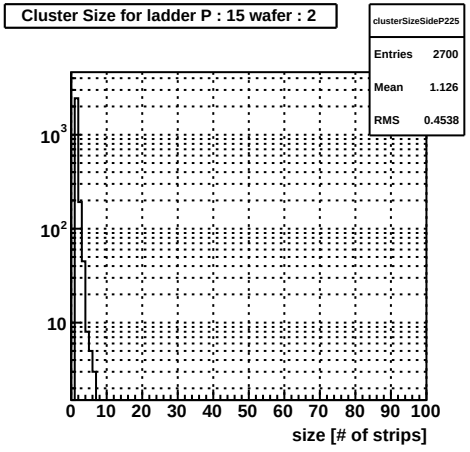

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

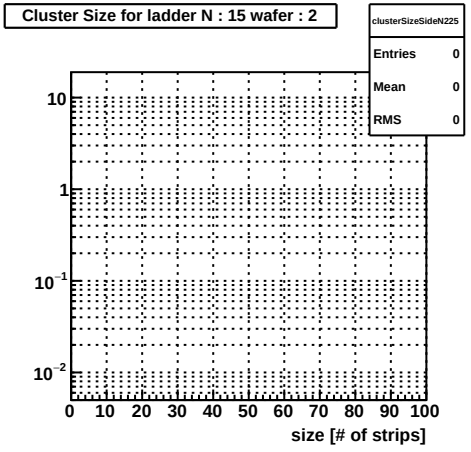

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3093
Mean 1.379
RMS 0.8437
size [# of strips]

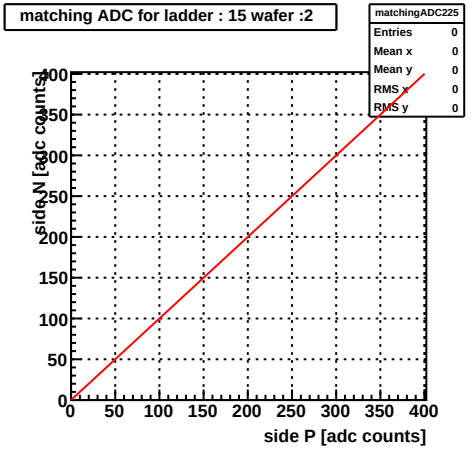

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

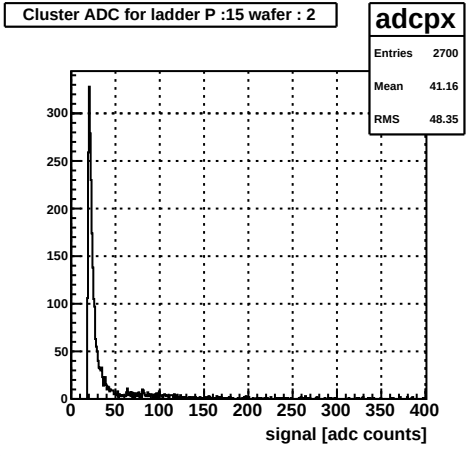

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

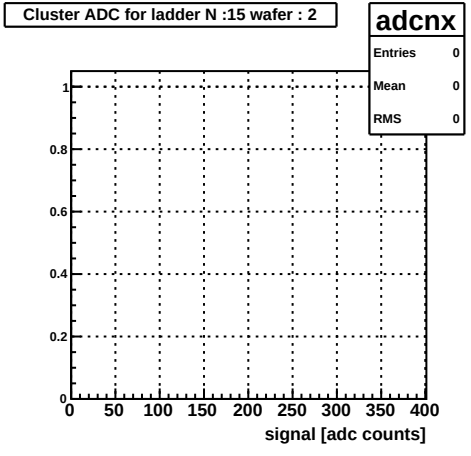

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3093
Mean 40.29
RMS 41.22
signal [adc counts]

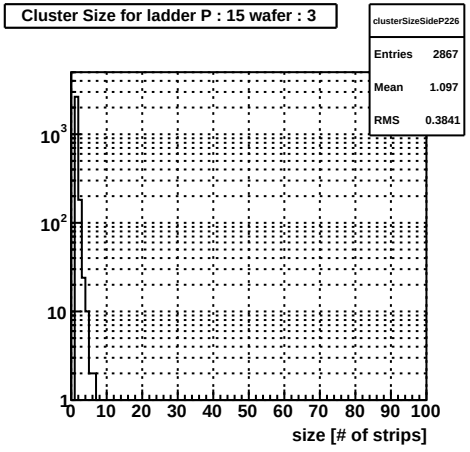

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2700
Mean 1.126
RMS 0.4538
size [# of strips]

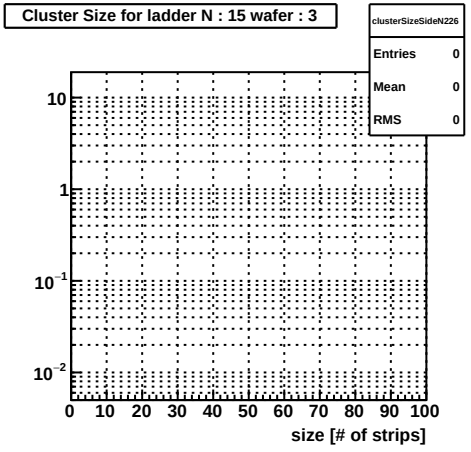

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

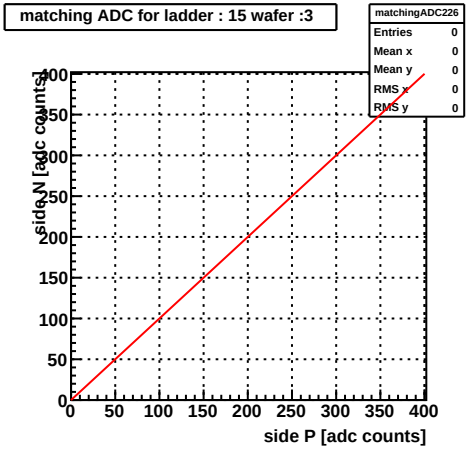

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

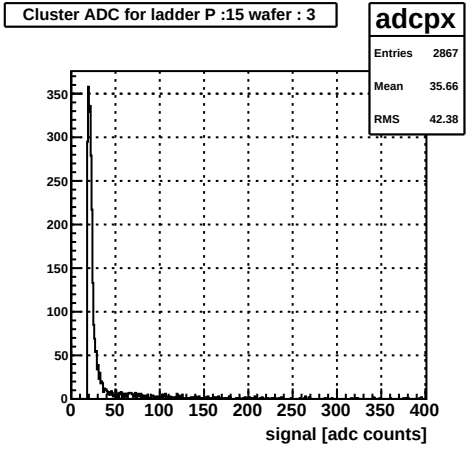

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2700
Mean 41.16
RMS 48.35
signal [adc counts]

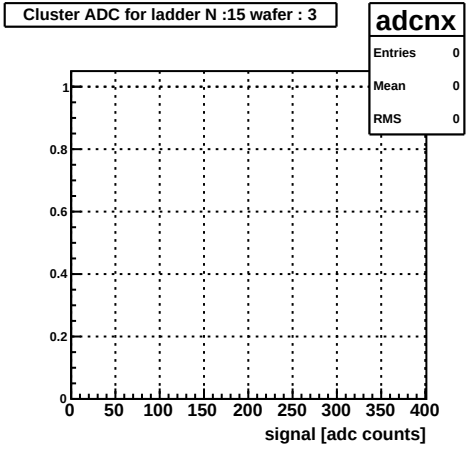

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

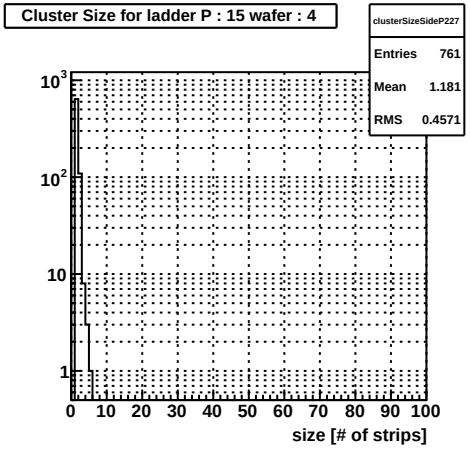

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2867
Mean 1.097
RMS 0.3841
size [# of strips]

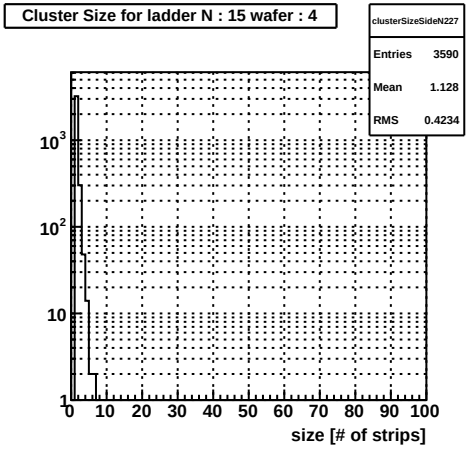

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

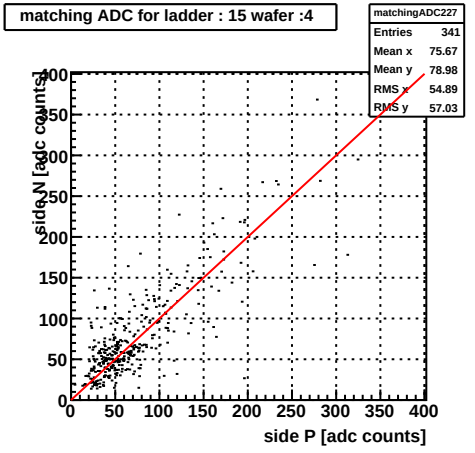

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

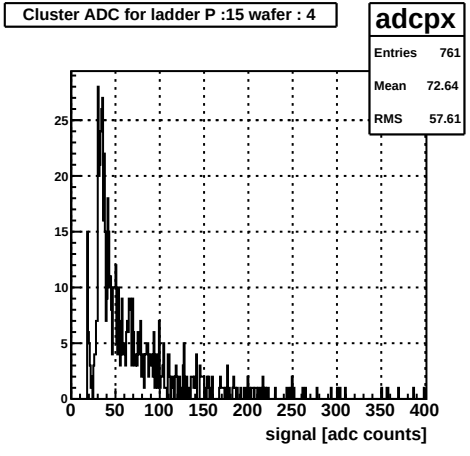

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2867
Mean 35.66
RMS 42.38
signal [adc counts]

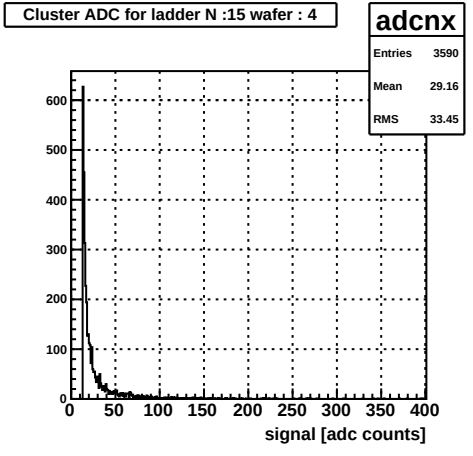

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

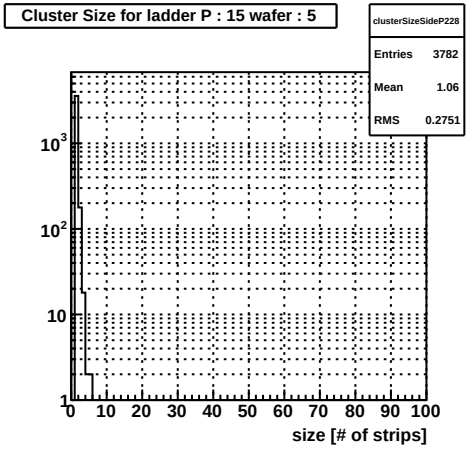

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 761
Mean 1.181
RMS 0.4571
size [# of strips]

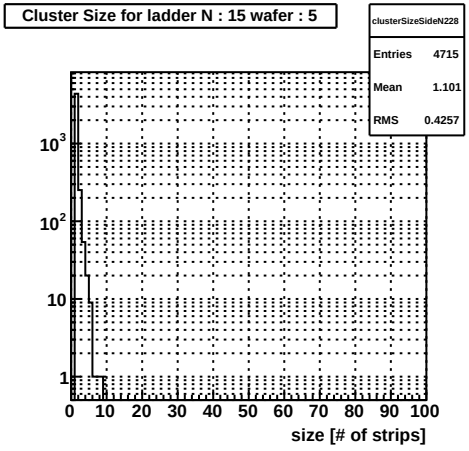

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3590
Mean 1.128
RMS 0.4234
size [# of strips]

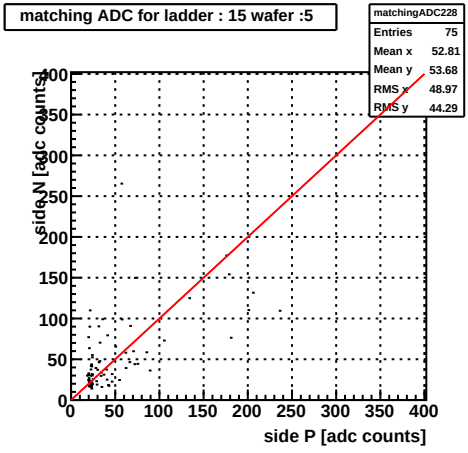

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 341
Mean x 75.67
Mean y 78.98
RMS x 54.89
RMS y 57.03
side N [adc counts]
side P [adc counts]

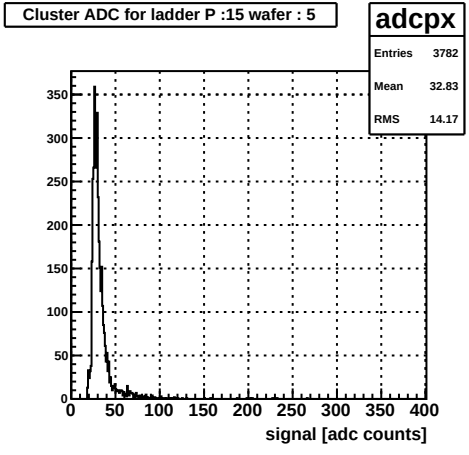

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 761
Mean 72.64
RMS 57.61
signal [adc counts]

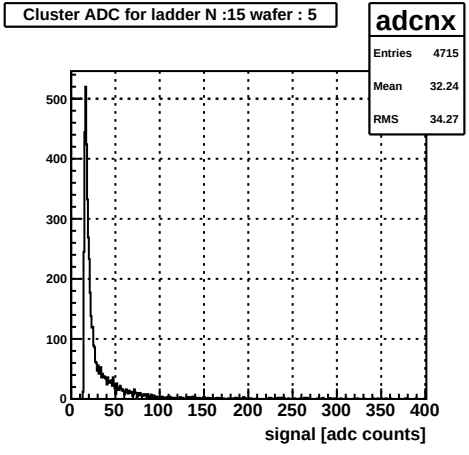

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3590
Mean 29.16
RMS 33.45
signal [adc counts]

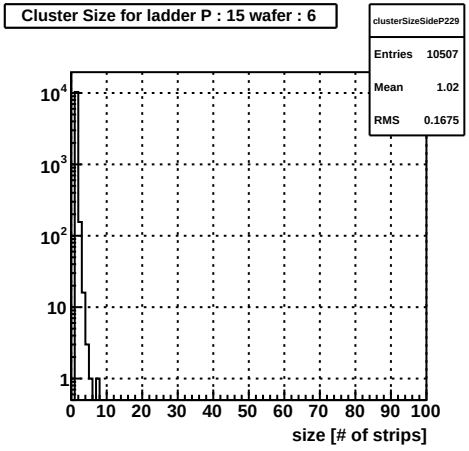

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 3782
Mean 1.06
RMS 0.2751
size [# of strips]

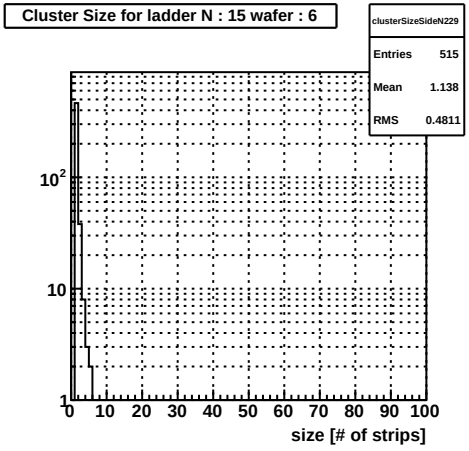

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4715
Mean 1.101
RMS 0.4257
size [# of strips]

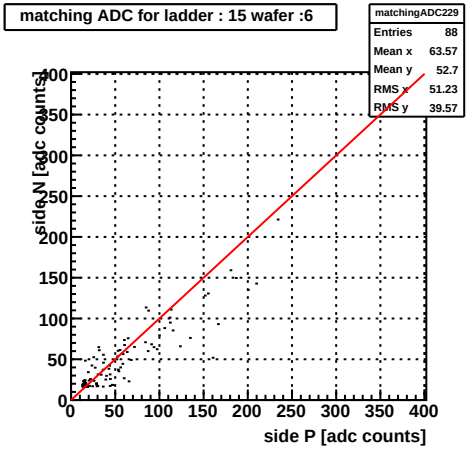

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 75
Mean x 52.81
Mean y 53.68
RMS x 48.97
RMS y 44.29
side N [adc counts]
side P [adc counts]

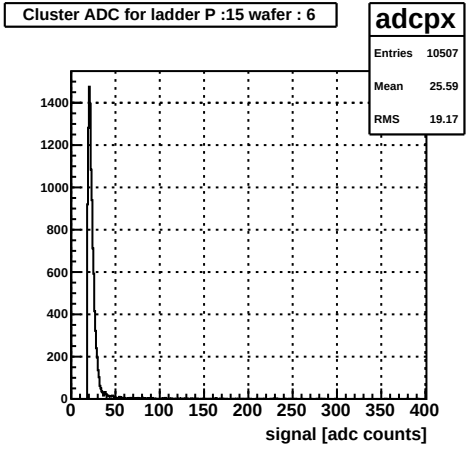

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 3782
Mean 32.83
RMS 14.17
signal [adc counts]

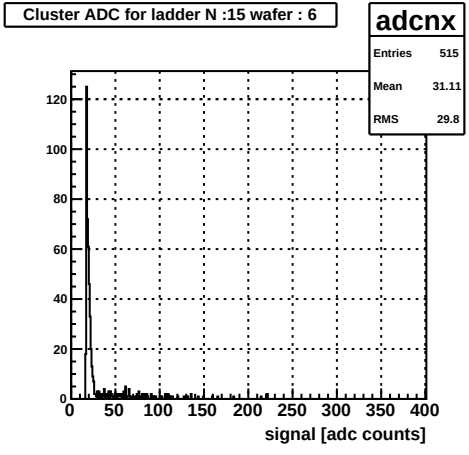

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4715
Mean 32.24
RMS 34.27
signal [adc counts]

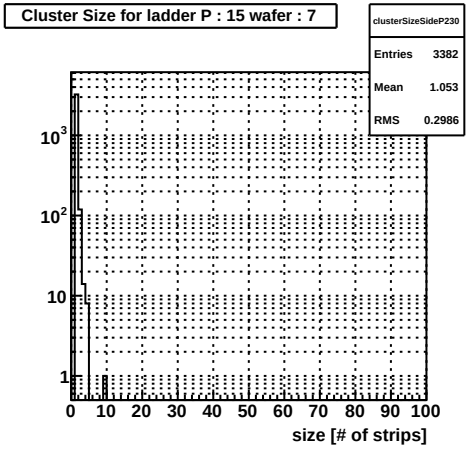

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10507
Mean 1.02
RMS 0.1675
size [# of strips]

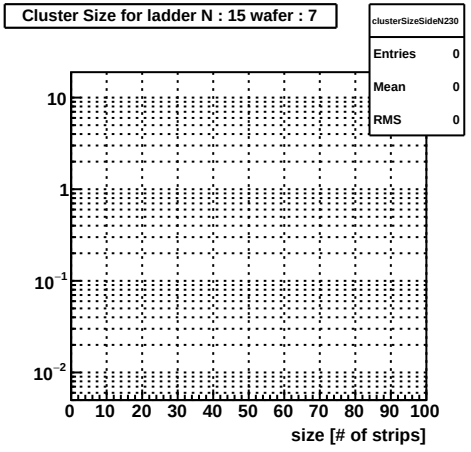

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 515
Mean 1.138
RMS 0.4811
size [# of strips]

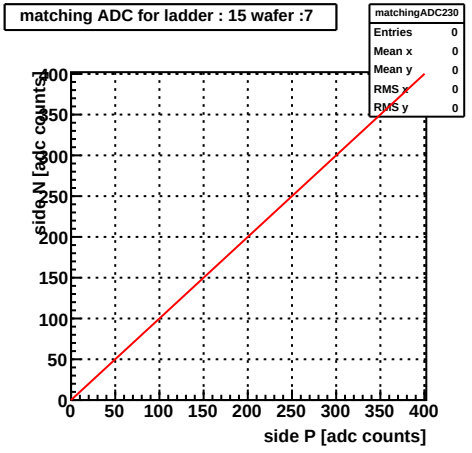

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 88
Mean x 63.57
Mean y 52.7
RMS x 51.23
RMS y 39.57
side N [adc counts]
side P [adc counts]

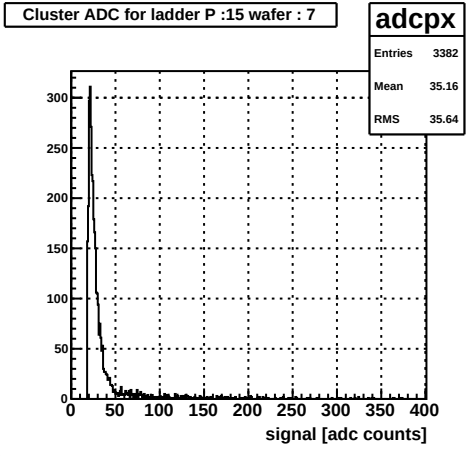

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10507
Mean 25.59
RMS 19.17
signal [adc counts]

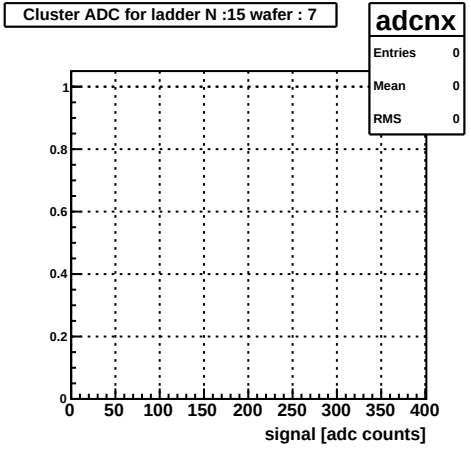

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 515
Mean 31.11
RMS 29.8
signal [adc counts]

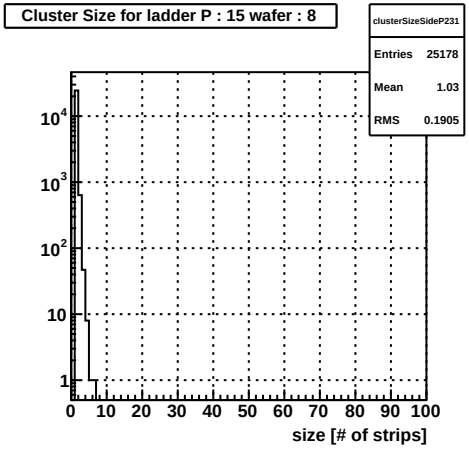

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3382
Mean 1.053
RMS 0.2986
size [# of strips]

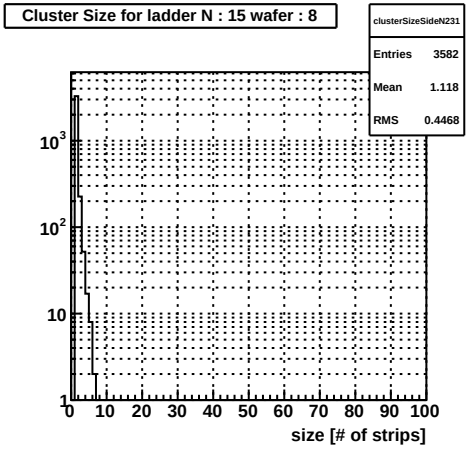

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

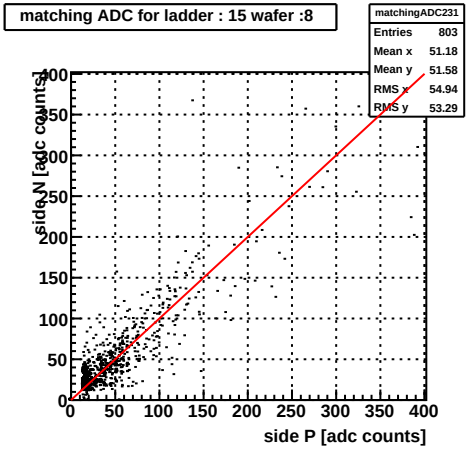

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

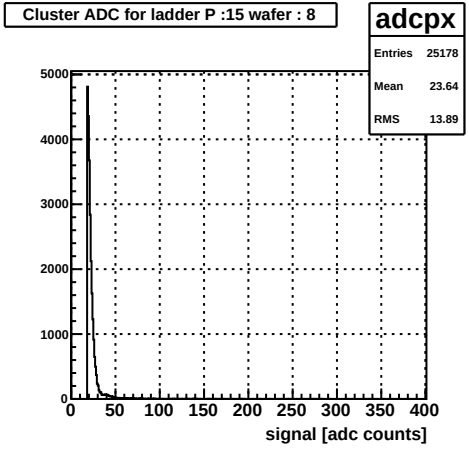

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3382
Mean 35.16
RMS 35.64
signal [adc counts]

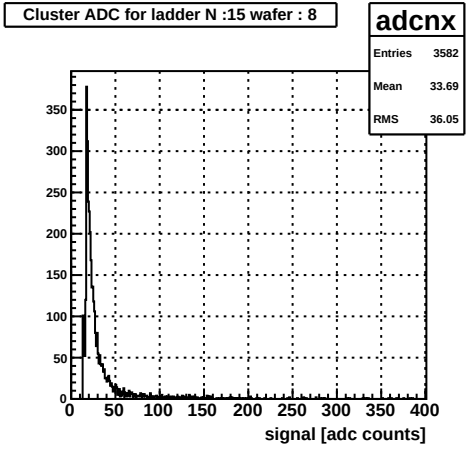

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

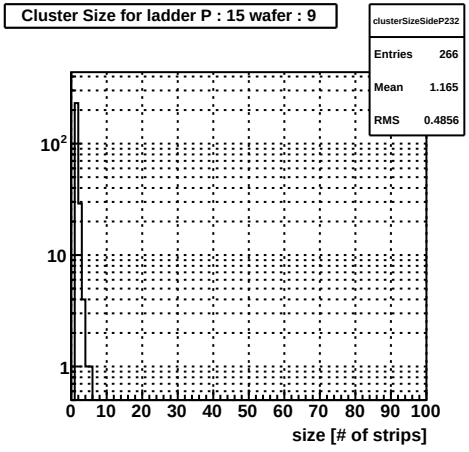

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 25178
Mean 1.03
RMS 0.1905
size [# of strips]

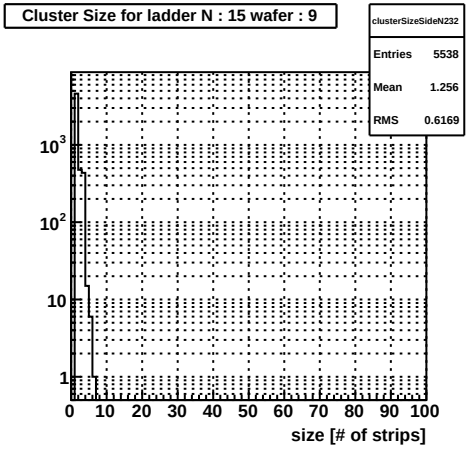

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3582
Mean 1.118
RMS 0.4468
size [# of strips]

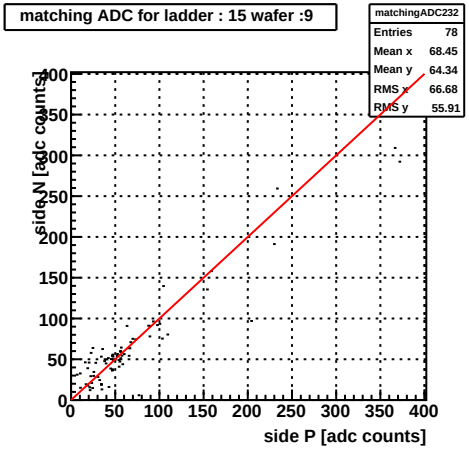

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 803
Mean x 51.18
Mean y 51.58
RMS x 54.94
RMS y 53.29
side N [adc counts]
side P [adc counts]

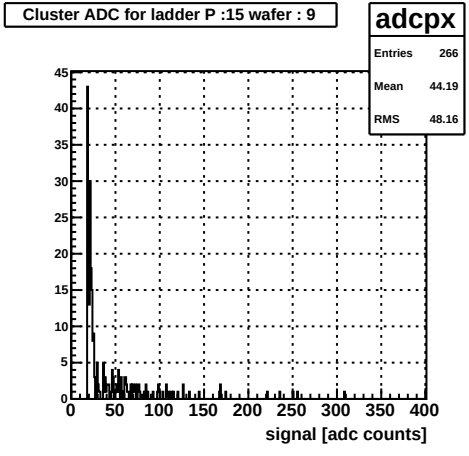

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 25178
Mean 23.64
RMS 13.89
signal [adc counts]

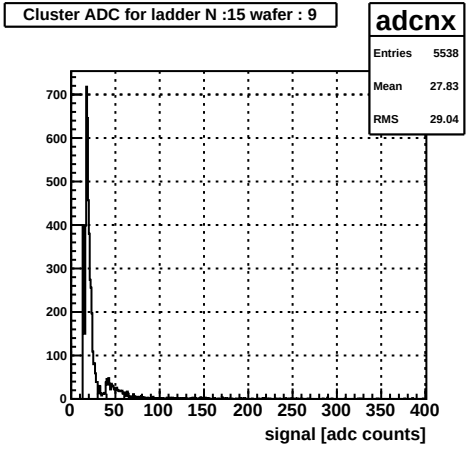

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3582
Mean 33.69
RMS 36.05
signal [adc counts]

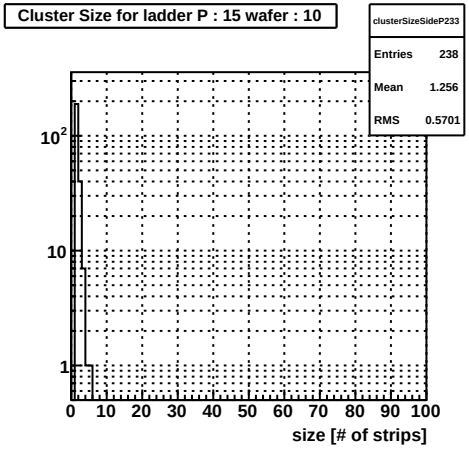

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 266
Mean 1.165
RMS 0.4856
size [# of strips]

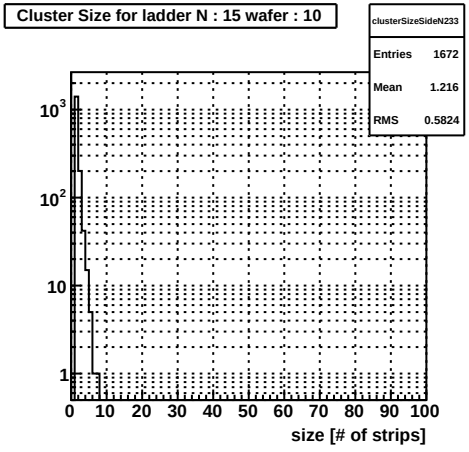

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5538
Mean 1.256
RMS 0.6169
size [# of strips]

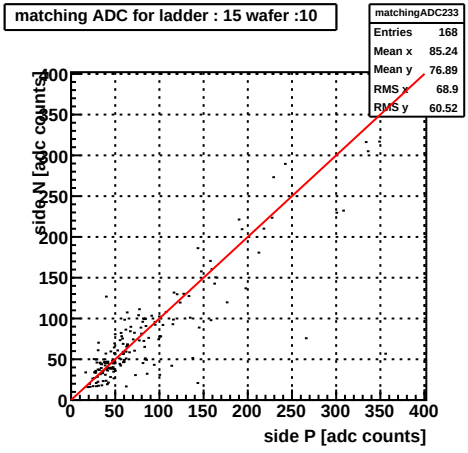

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 78
Mean x 68.45
Mean y 64.34
RMS x 66.68
RMS y 55.91
side N [adc counts]
side P [adc counts]

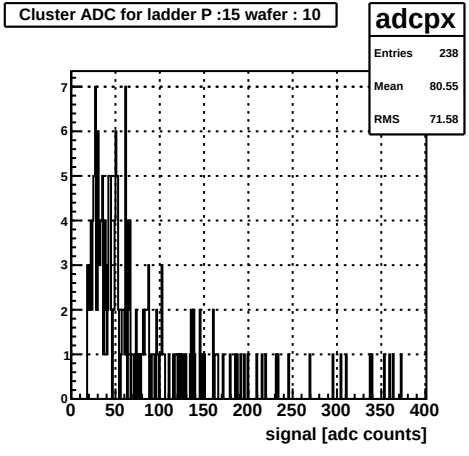

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 266
Mean 44.19
RMS 48.16
signal [adc counts]

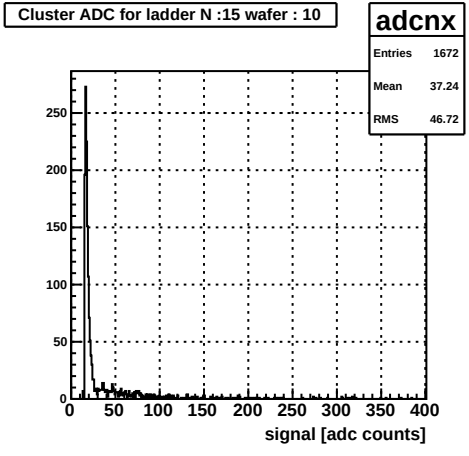

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5538
Mean 27.83
RMS 29.04
signal [adc counts]

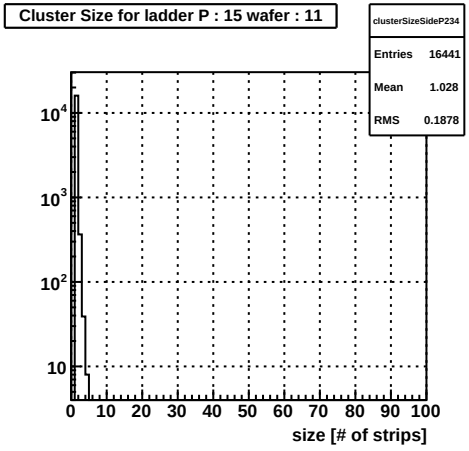

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 238
Mean 1.256
RMS 0.5701
size [# of strips]

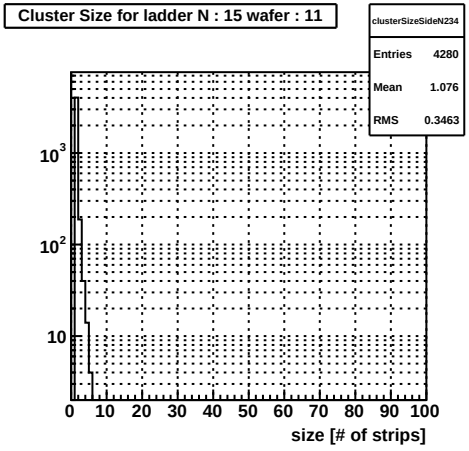

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1672
Mean 1.216
RMS 0.5824
size [# of strips]

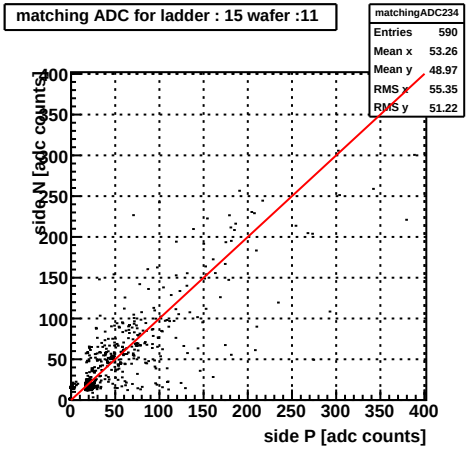

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 168
Mean x 85.24
Mean y 76.89
RMS x 68.9
RMS y 60.52
side N [adc counts]
side P [adc counts]

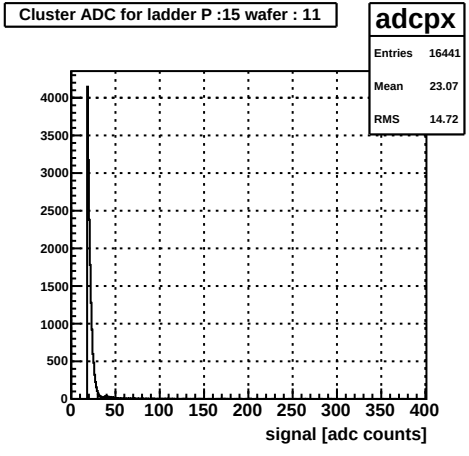

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 238
Mean 80.55
RMS 71.58
signal [adc counts]

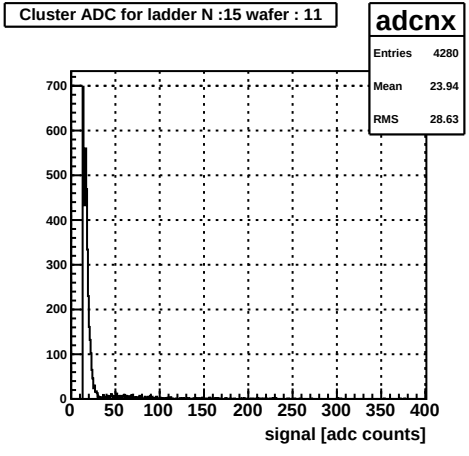

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1672
Mean 37.24
RMS 46.72
signal [adc counts]

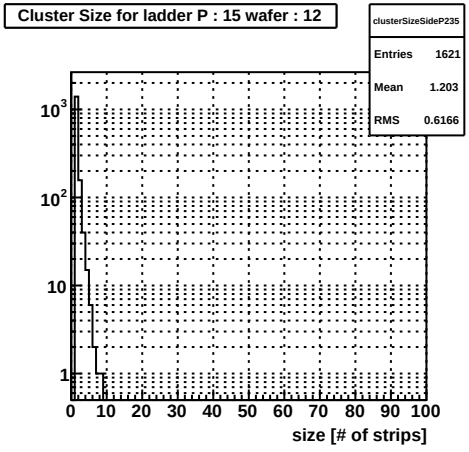

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 16441
Mean 1.028
RMS 0.1878
size [# of strips]

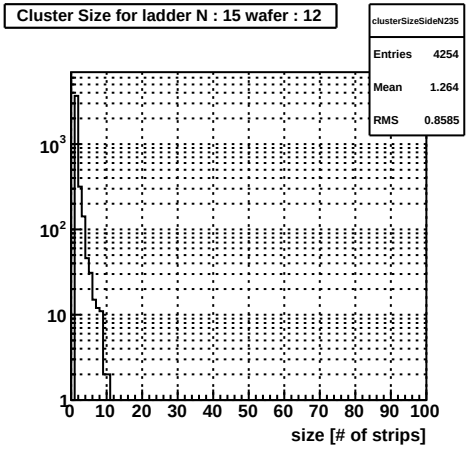

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4280
Mean 1.076
RMS 0.3463
size [# of strips]

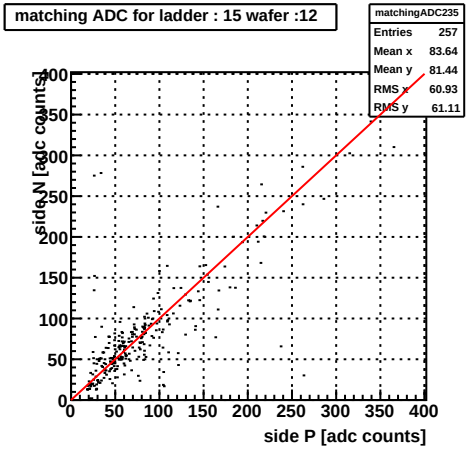

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 590
Mean x 53.26
Mean y 48.97
RMS x 55.35
RMS y 51.22
side N [adc counts]
side P [adc counts]

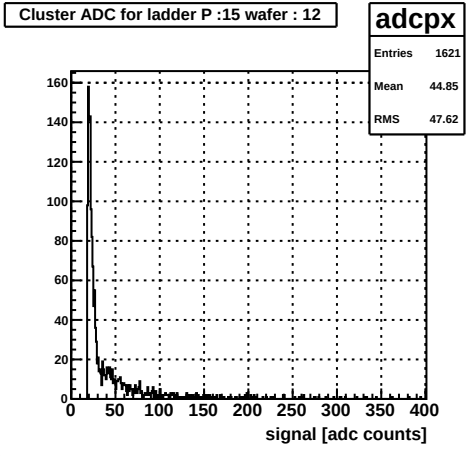

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 16441
Mean 23.07
RMS 14.72
signal [adc counts]

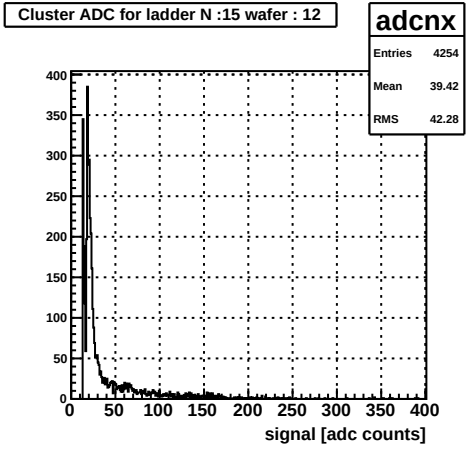

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4280
Mean 23.94
RMS 28.63
signal [adc counts]

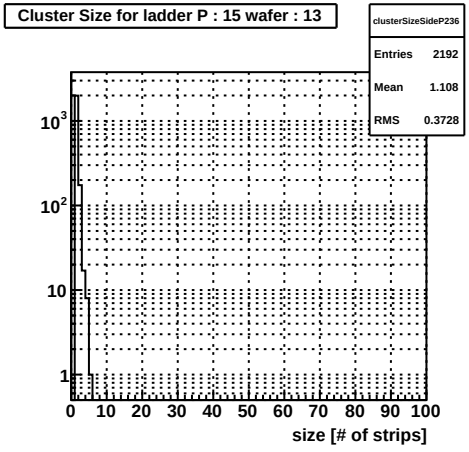

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1621
Mean 1.203
RMS 0.6166
size [# of strips]

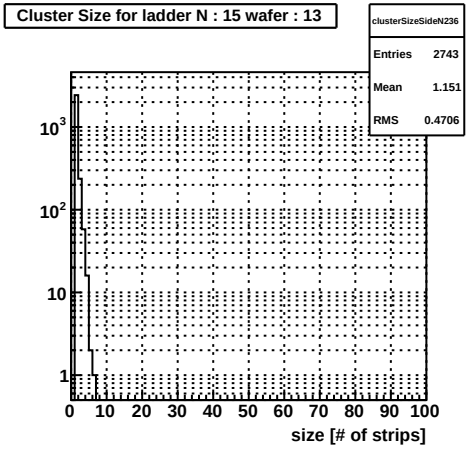

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4254
Mean 1.264
RMS 0.8585
size [# of strips]

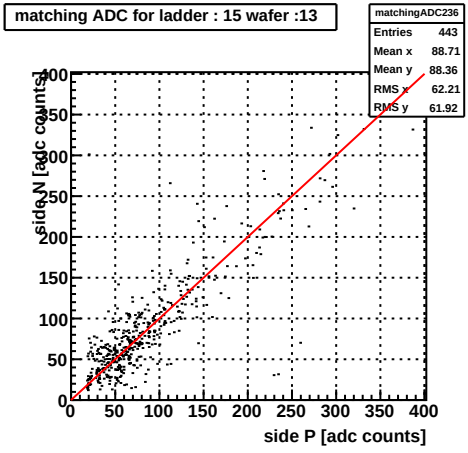

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 257
Mean x 83.64
Mean y 81.44
RMS x 60.93
RMS y 61.11
side N [adc counts]
side P [adc counts]

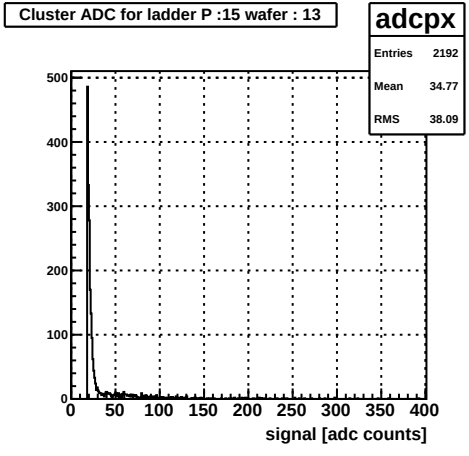

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1621
Mean 44.85
RMS 47.62
signal [adc counts]

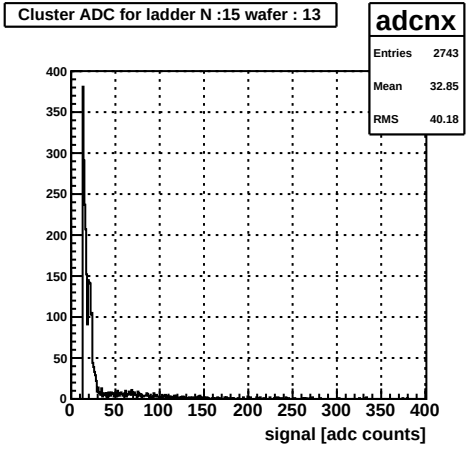

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4254
Mean 39.42
RMS 42.28
signal [adc counts]

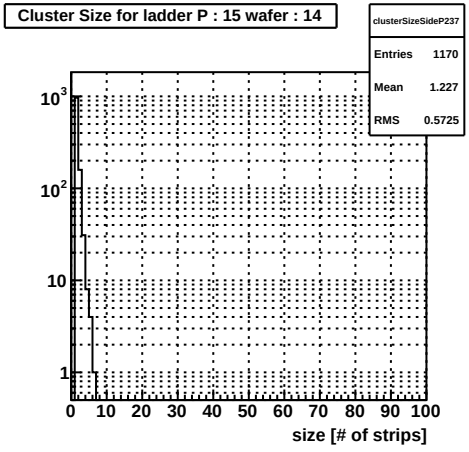

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2192
Mean 1.108
RMS 0.3728
size [# of strips]

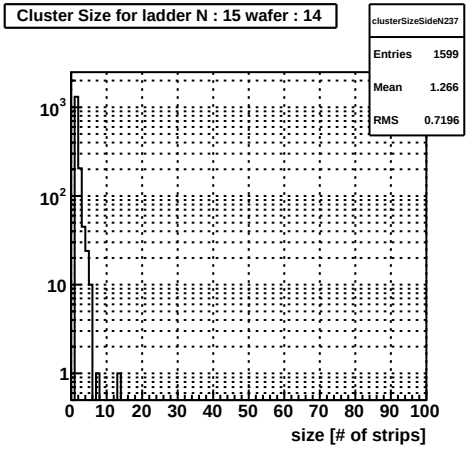

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2743
Mean 1.151
RMS 0.4706
size [# of strips]

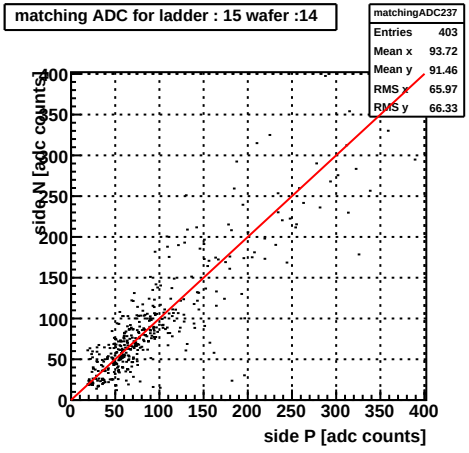

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 443
Mean x 88.71
Mean y 88.36
RMS x 62.21
RMS y 61.92
side N [adc counts]
side P [adc counts]

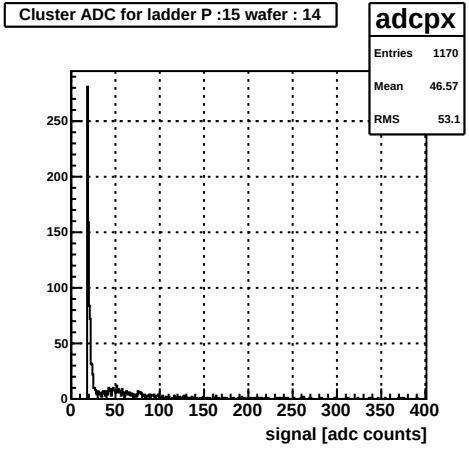

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2192
Mean 34.77
RMS 38.09
signal [adc counts]

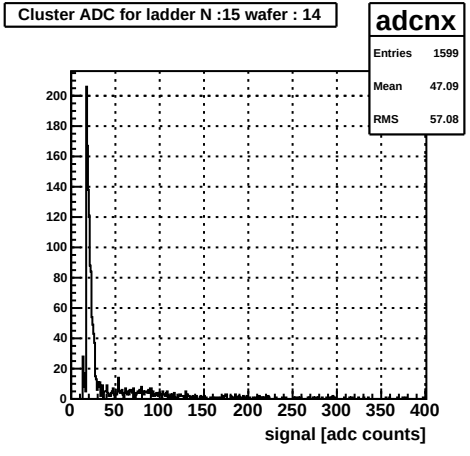

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2743
Mean 32.85
RMS 40.18
signal [adc counts]

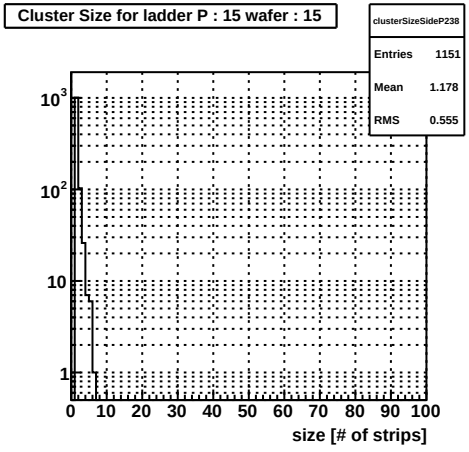

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1170
Mean 1.227
RMS 0.5725
size [# of strips]

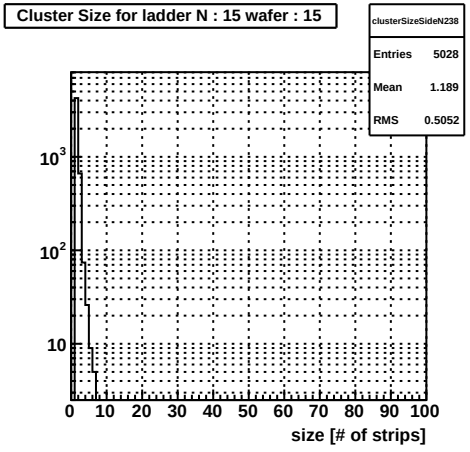

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1599
Mean 1.266
RMS 0.7196
size [# of strips]

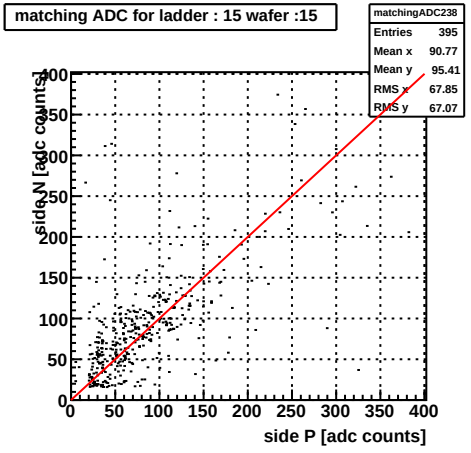

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 403
Mean x 93.72
Mean y 91.46
RMS x 65.97
RMS y 66.33
side N [adc counts]
side P [adc counts]

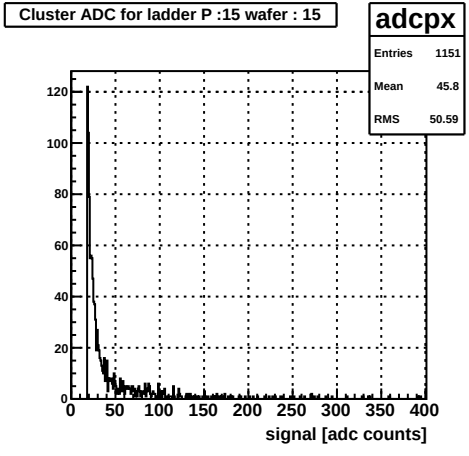

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1170
Mean 46.57
RMS 53.1
signal [adc counts]

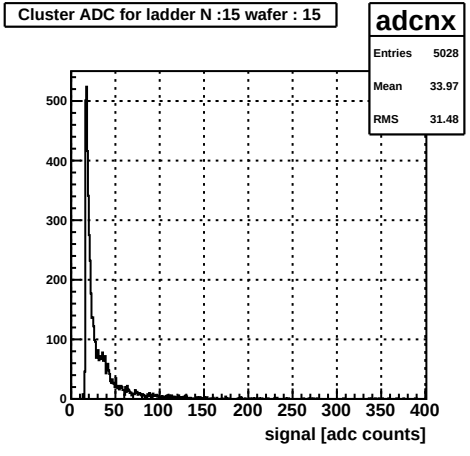

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1599
Mean 47.09
RMS 57.08
signal [adc counts]

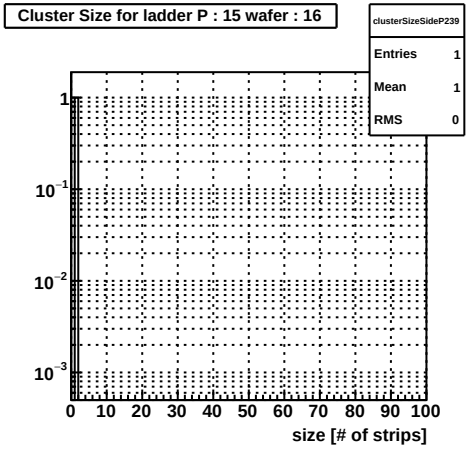

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1151
Mean 1.178
RMS 0.555
size [# of strips]

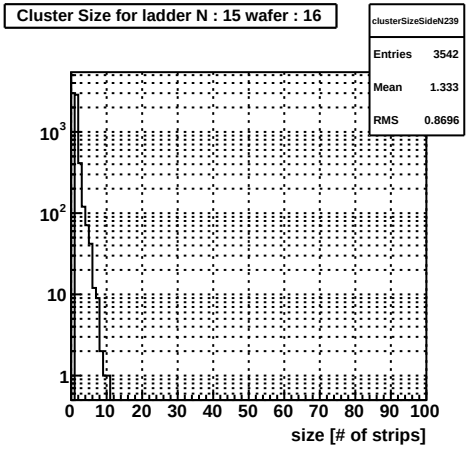

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5028
Mean 1.189
RMS 0.5052
size [# of strips]

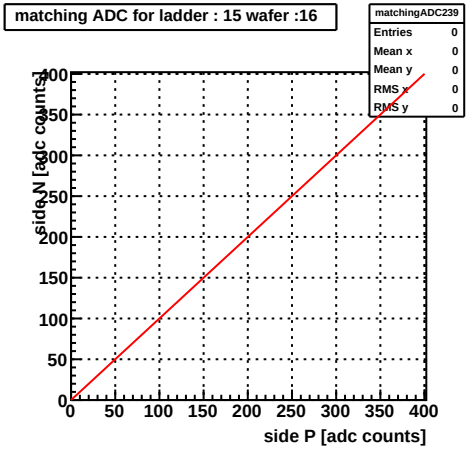

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 395
Mean x 90.77
Mean y 95.41
RMS x 67.85
RMS y 67.07
side N [adc counts]
side P [adc counts]

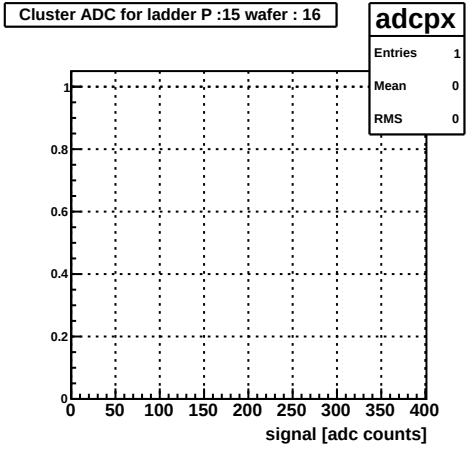

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1151
Mean 45.8
RMS 50.59
signal [adc counts]

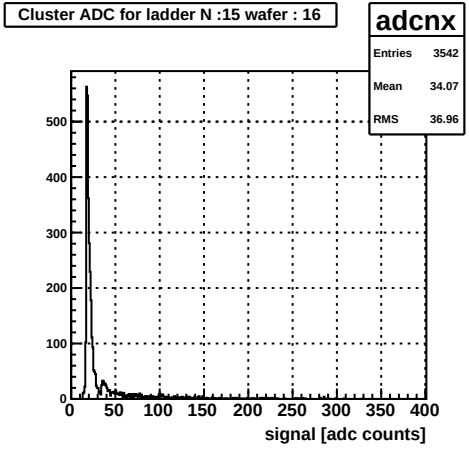

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5028
Mean 33.97
RMS 31.48
signal [adc counts]

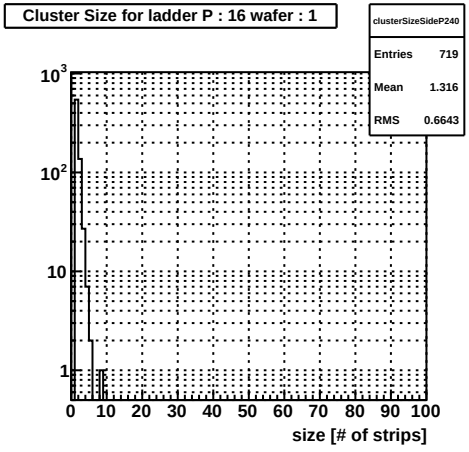

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

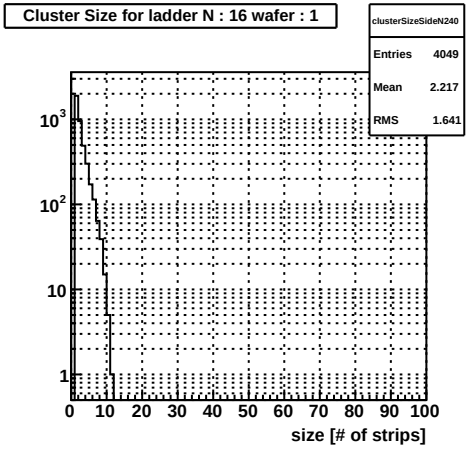

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3542
Mean 1.333
RMS 0.8696
size [# of strips]

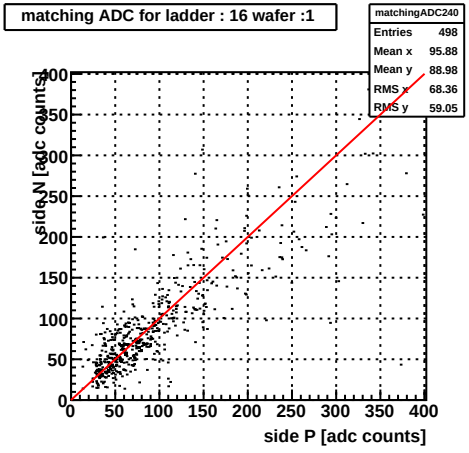

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

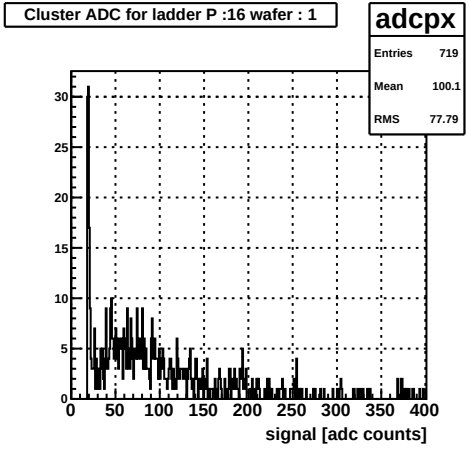

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

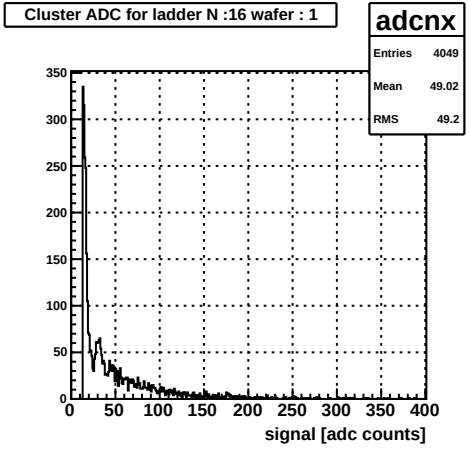

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3542
Mean 34.07
RMS 36.96
signal [adc counts]

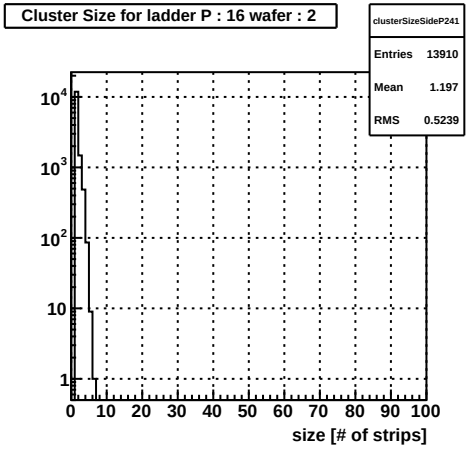

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 719
Mean 1.316
RMS 0.6643
size [# of strips]

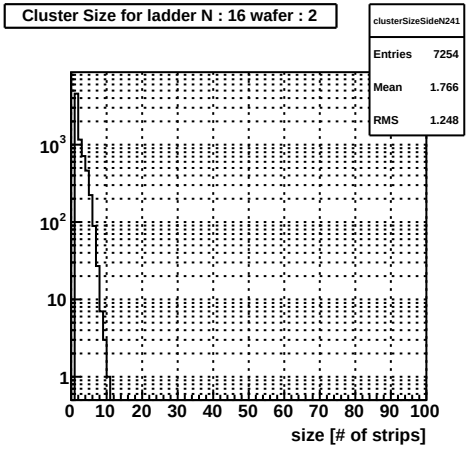

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4049
Mean 2.217
RMS 1.641
size [# of strips]

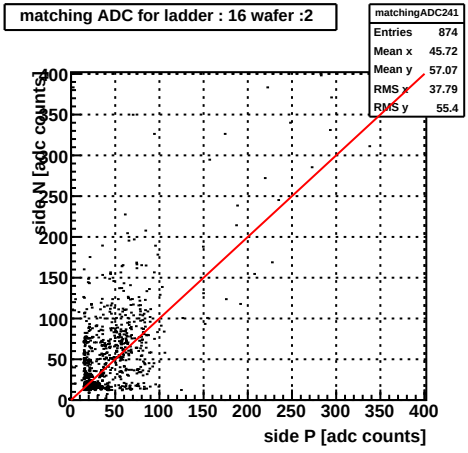

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 498
Mean x 95.88
Mean y 88.98
RMS x 68.36
RMS y 59.05
side N [adc counts]
side P [adc counts]

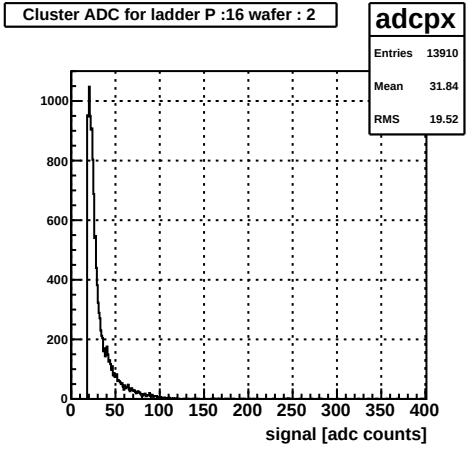

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 719
Mean 100.1
RMS 77.79
signal [adc counts]

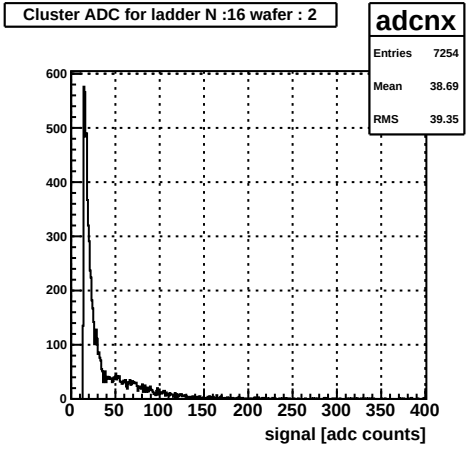

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4049
Mean 49.02
RMS 49.2
signal [adc counts]

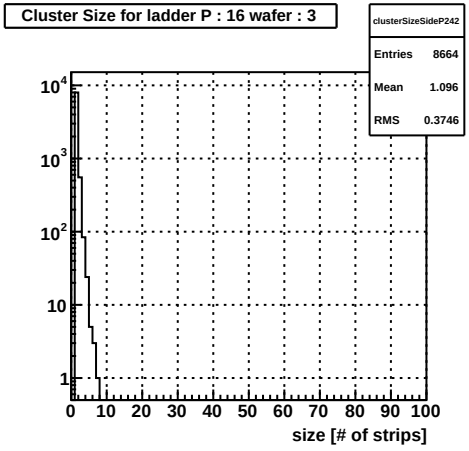

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13910
Mean 1.197
RMS 0.5239
size [# of strips]

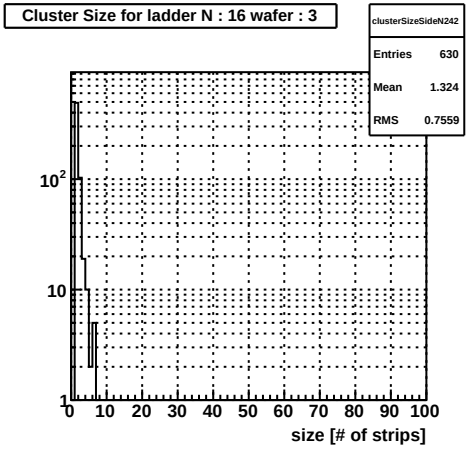

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 7254
Mean 1.766
RMS 1.248
size [# of strips]

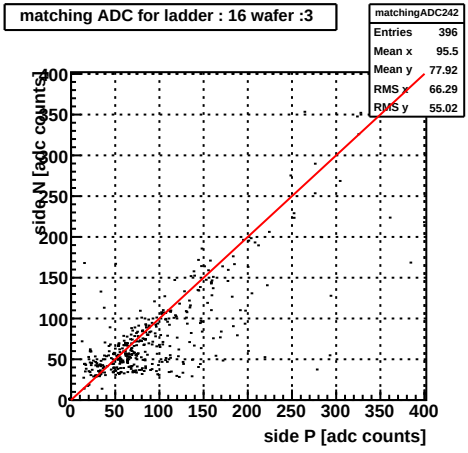

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 874
Mean x 45.72
Mean y 57.07
RMS x 37.79
RMS y 55.4
side N [adc counts]
side P [adc counts]

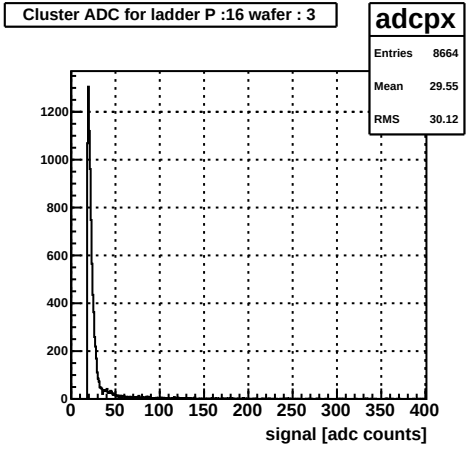

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13910
Mean 31.84
RMS 19.52
signal [adc counts]

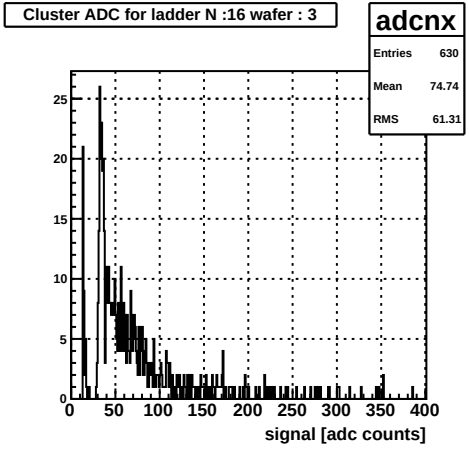

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 7254
Mean 38.69
RMS 39.35
signal [adc counts]

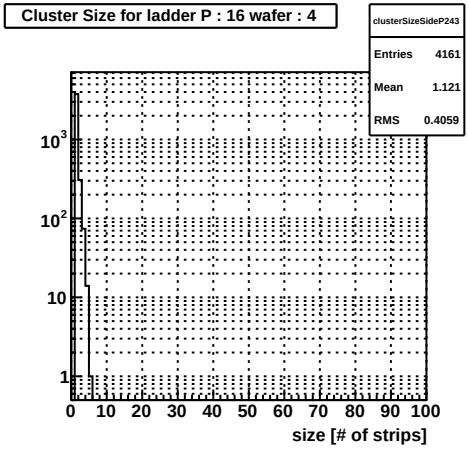

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8664
Mean 1.096
RMS 0.3746
size [# of strips]

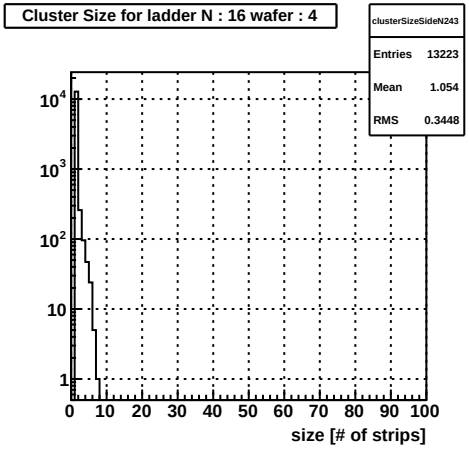

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 630
Mean 1.324
RMS 0.7559
size [# of strips]

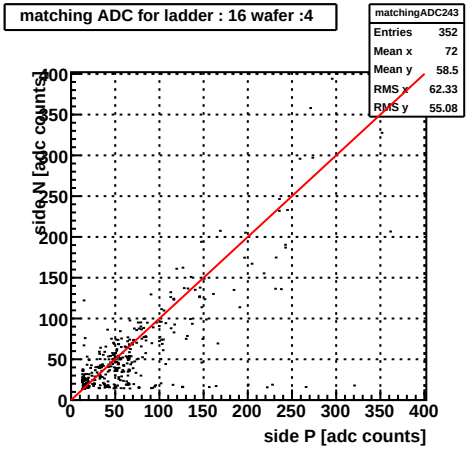

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 396
Mean x 95.5
Mean y 77.92
RMS x 66.29
RMS y 55.02
side N [adc counts]
side P [adc counts]

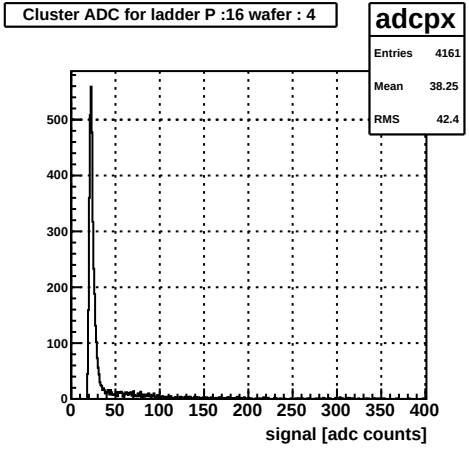

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8664
Mean 29.55
RMS 30.12
signal [adc counts]

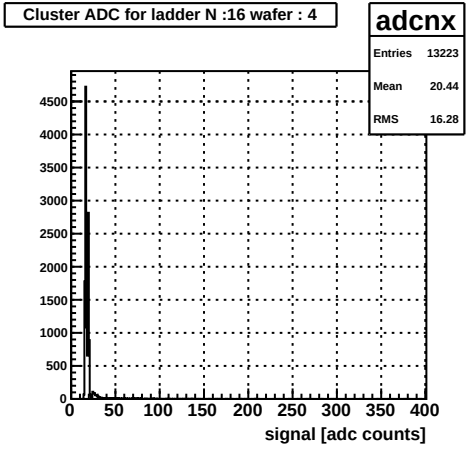

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 630
Mean 74.74
RMS 61.31
signal [adc counts]

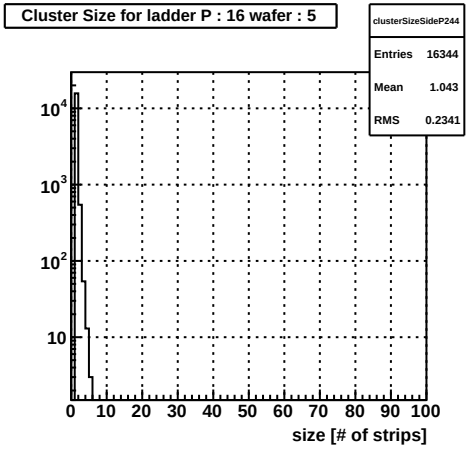

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4161
Mean 1.121
RMS 0.4059
size [# of strips]

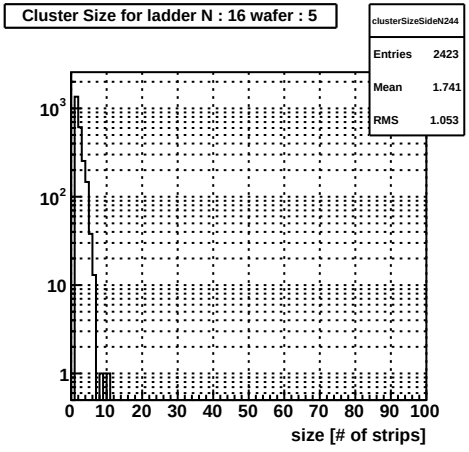

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 13223
Mean 1.054
RMS 0.3448
size [# of strips]

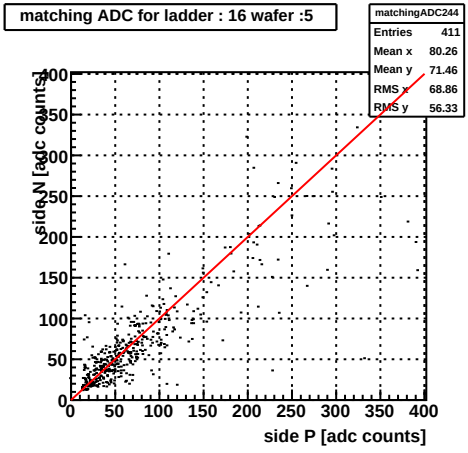

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 352
Mean x 72
Mean y 58.5
RMS x 62.33
RMS y 55.08
side N [adc counts]
side P [adc counts]

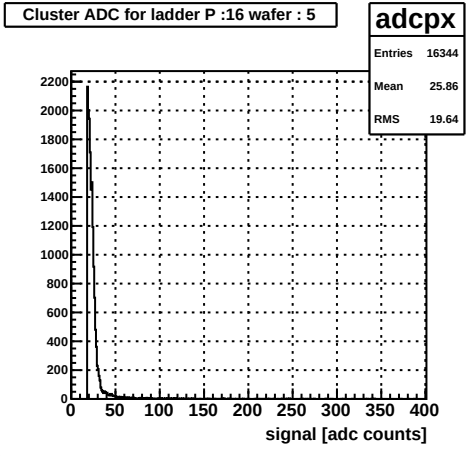

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4161
Mean 38.25
RMS 42.4
signal [adc counts]

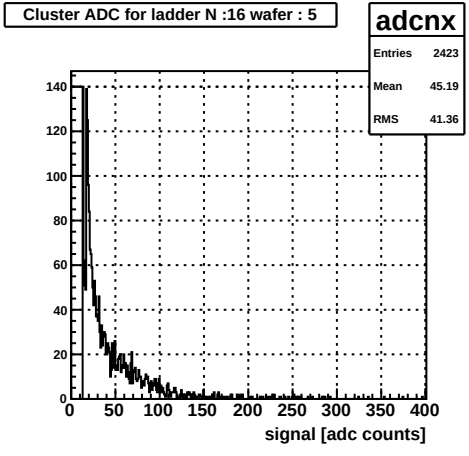

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 13223
Mean 20.44
RMS 16.28
signal [adc counts]

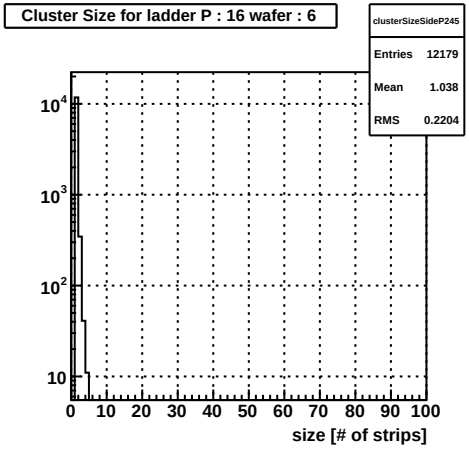

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 16344
Mean 1.043
RMS 0.2341
size [# of strips]

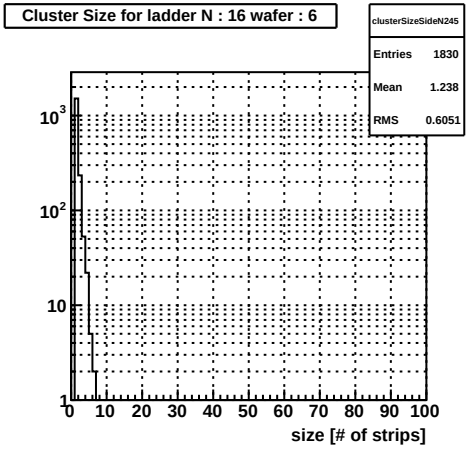

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2423
Mean 1.741
RMS 1.053
size [# of strips]

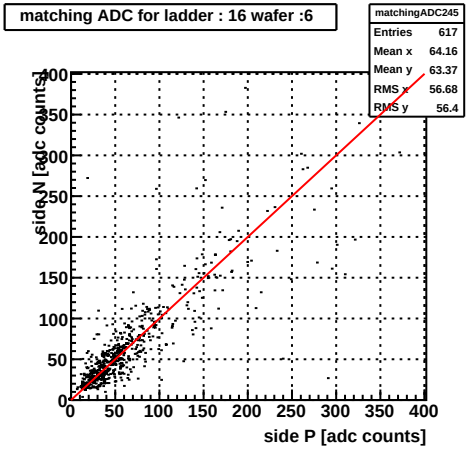

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 411
Mean x 80.26
Mean y 71.46
RMS x 68.86
RMS y 56.33
side N [adc counts]
side P [adc counts]

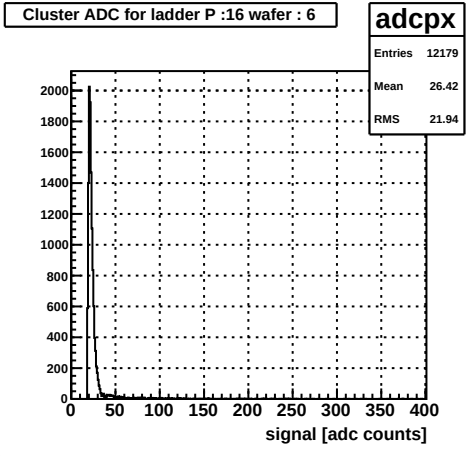

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 16344
Mean 25.86
RMS 19.64
signal [adc counts]

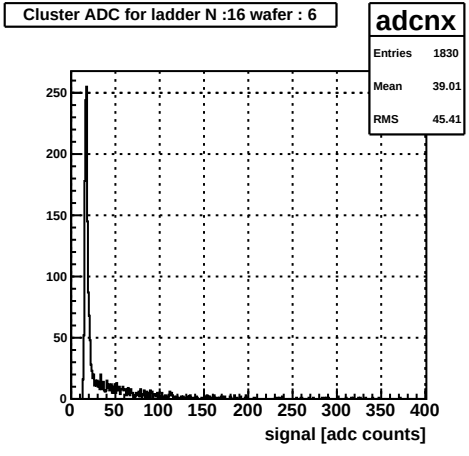

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2423
Mean 45.19
RMS 41.36
signal [adc counts]

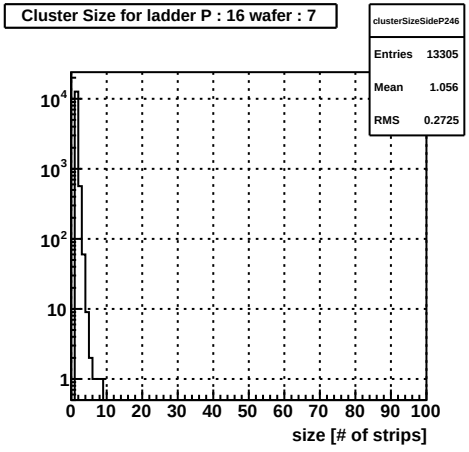

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 12179
Mean 1.038
RMS 0.2204
size [# of strips]

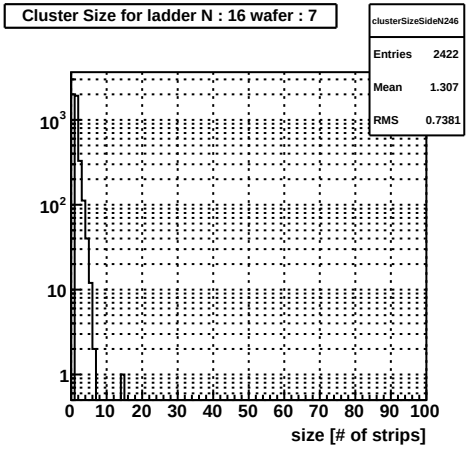

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1830
Mean 1.238
RMS 0.6051
size [# of strips]

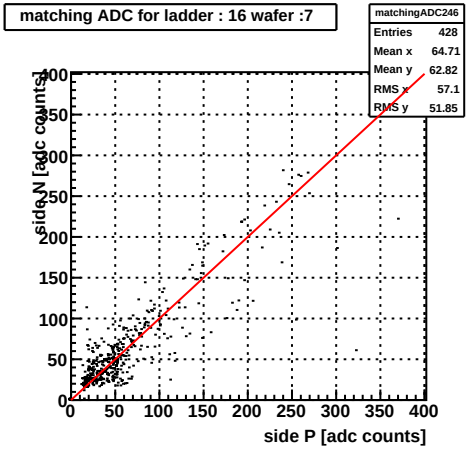

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 617
Mean x 64.16
Mean y 63.37
RMS x 56.68
RMS y 56.4
side N [adc counts]
side P [adc counts]

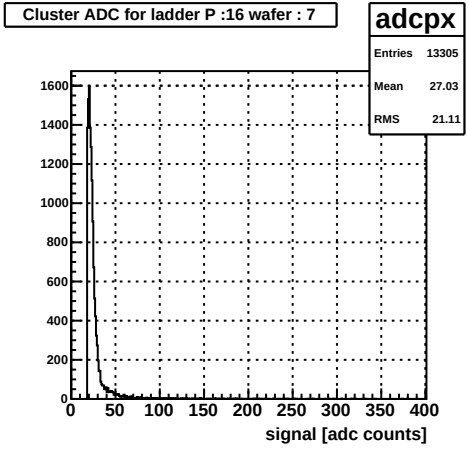

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 12179
Mean 26.42
RMS 21.94
signal [adc counts]

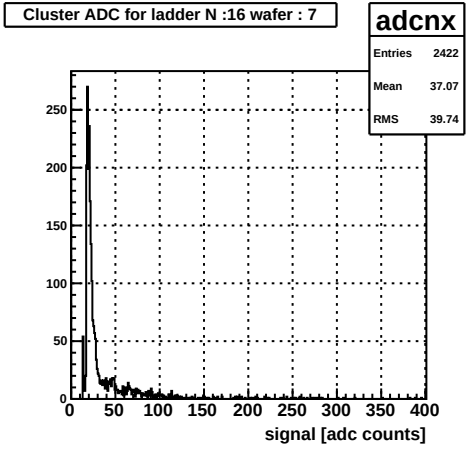

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1830
Mean 39.01
RMS 45.41
signal [adc counts]

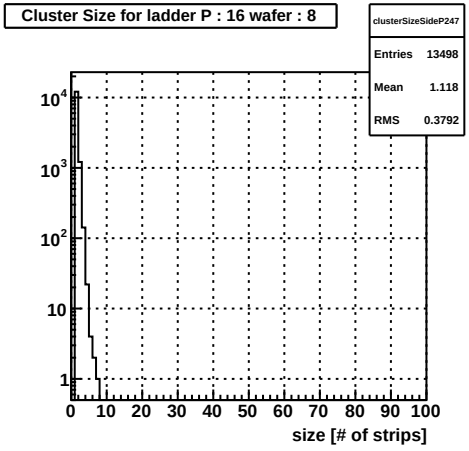

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 13305
Mean 1.056
RMS 0.2725
size [# of strips]

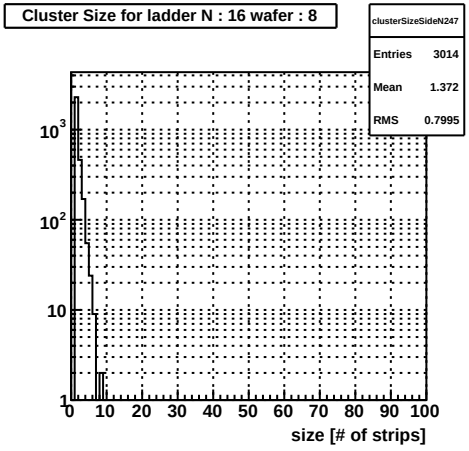

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2422
Mean 1.307
RMS 0.7381
size [# of strips]

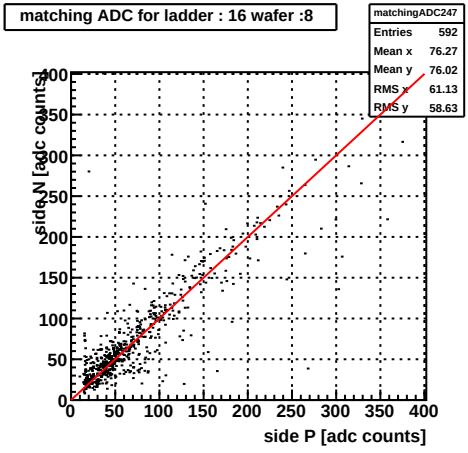

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 428
Mean x 64.71
Mean y 62.82
RMS x 57.1
RMS y 51.85
side N [adc counts]
side P [adc counts]

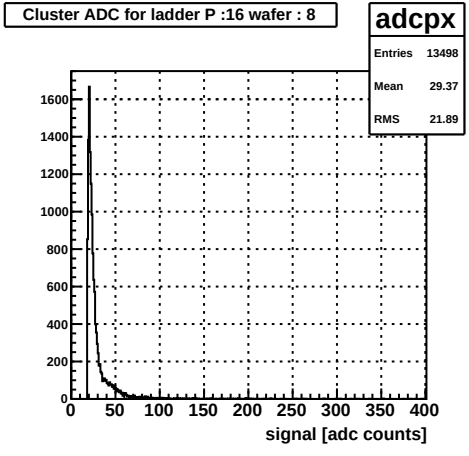

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 13305
Mean 27.03
RMS 21.11
signal [adc counts]

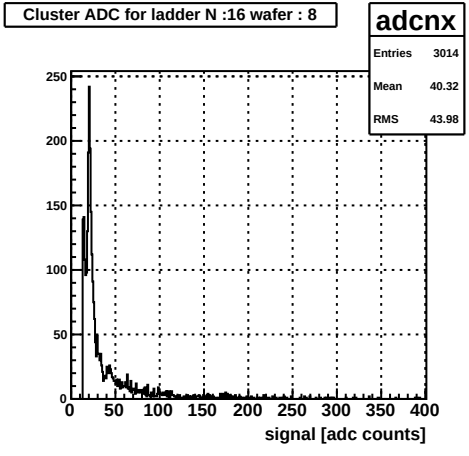

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2422
Mean 37.07
RMS 39.74
signal [adc counts]

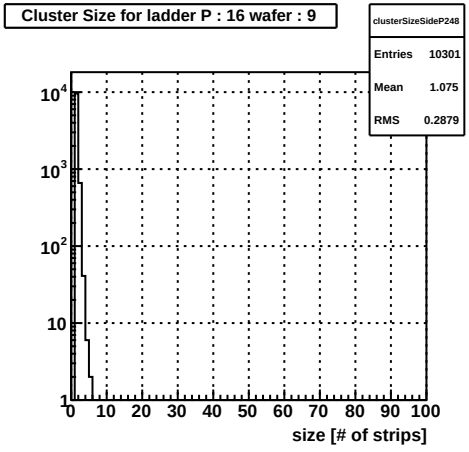

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13498
Mean 1.118
RMS 0.3792
size [# of strips]

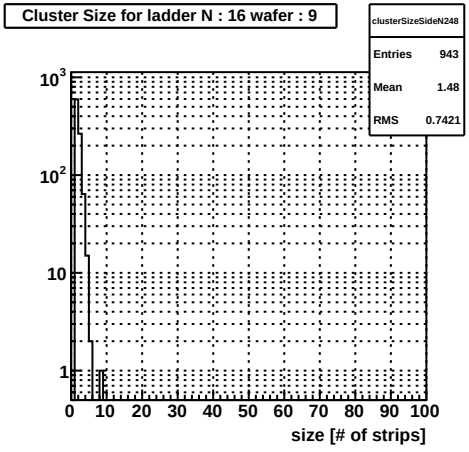

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3014
Mean 1.372
RMS 0.7995
size [# of strips]

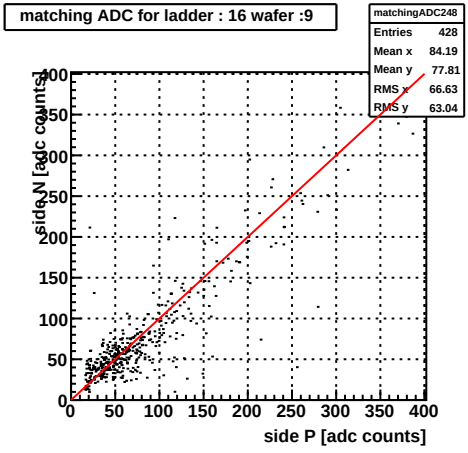

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 592
Mean x 76.27
Mean y 76.02
RMS x 61.13
RMS y 58.63
side N [adc counts]
side P [adc counts]

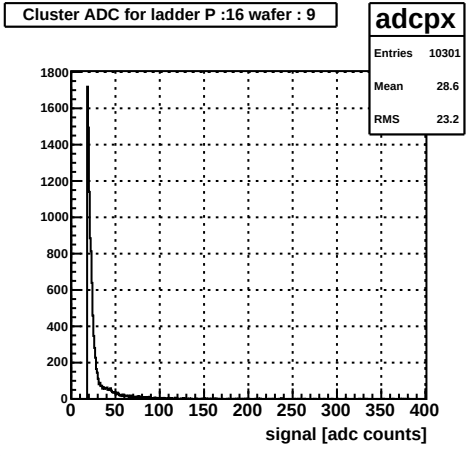

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13498
Mean 29.37
RMS 21.89
signal [adc counts]

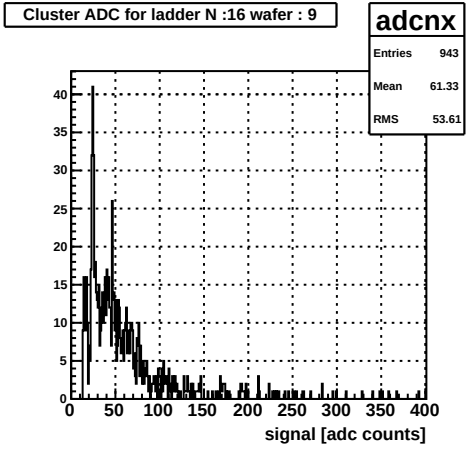

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3014
Mean 40.32
RMS 43.98
signal [adc counts]

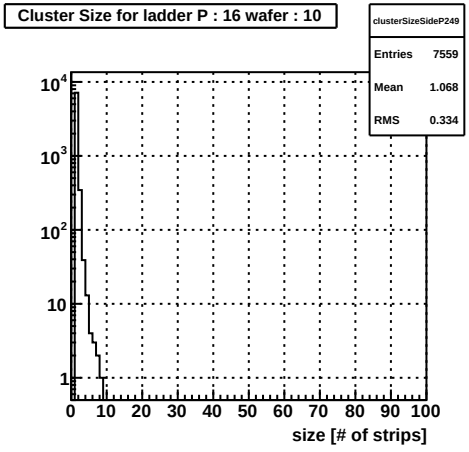

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 10301
Mean 1.075
RMS 0.2879
size [# of strips]

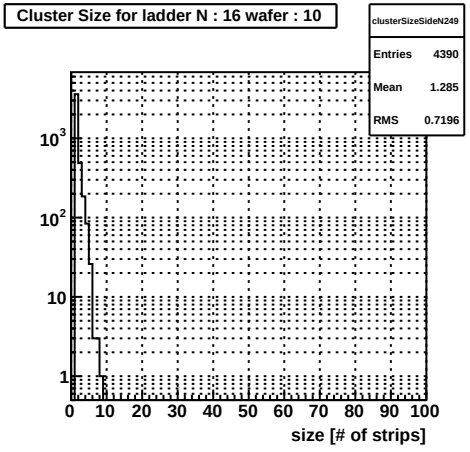

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 943
Mean 1.48
RMS 0.7421
size [# of strips]

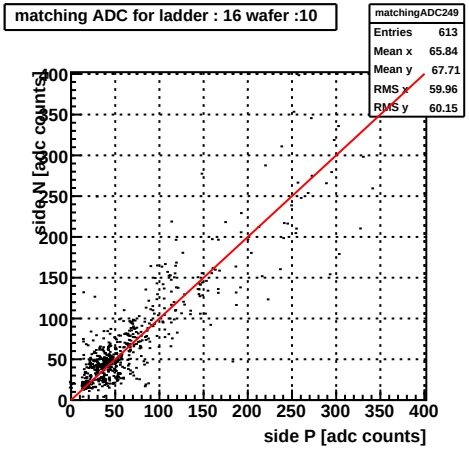

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 428
Mean x 84.19
Mean y 77.81
RMS x 66.63
RMS y 63.04
side N [adc counts]
side P [adc counts]

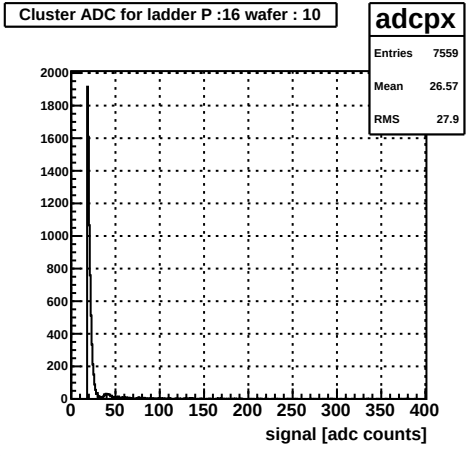

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 10301
Mean 28.6
RMS 23.2
signal [adc counts]

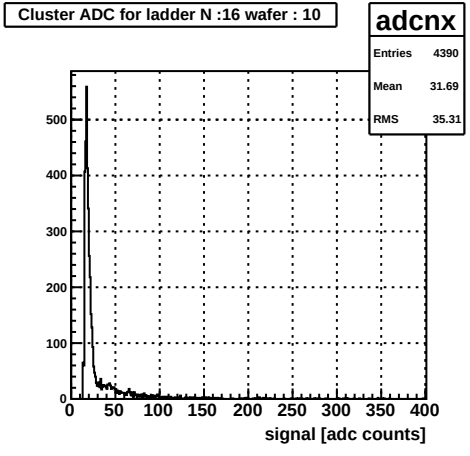

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 943
Mean 61.33
RMS 53.61
signal [adc counts]

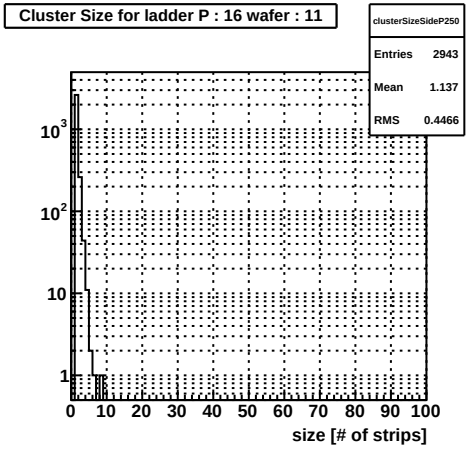

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 7559
Mean 1.068
RMS 0.334
size [# of strips]

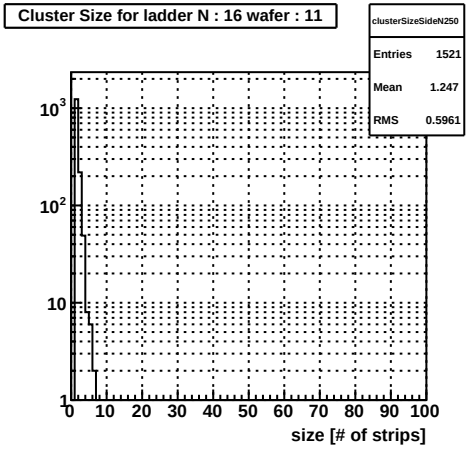

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4390
Mean 1.285
RMS 0.7196
size [# of strips]

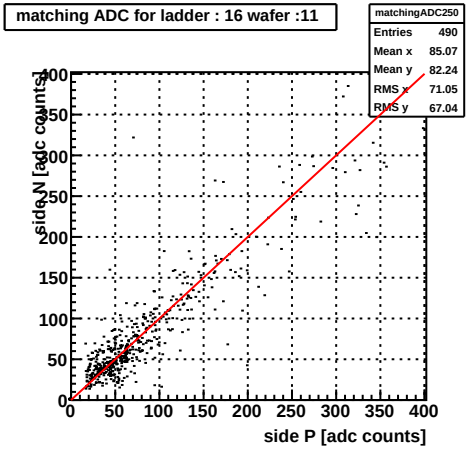

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 613
Mean x 65.84
Mean y 67.71
RMS x 59.96
RMS y 60.15
side N [adc counts]
side P [adc counts]

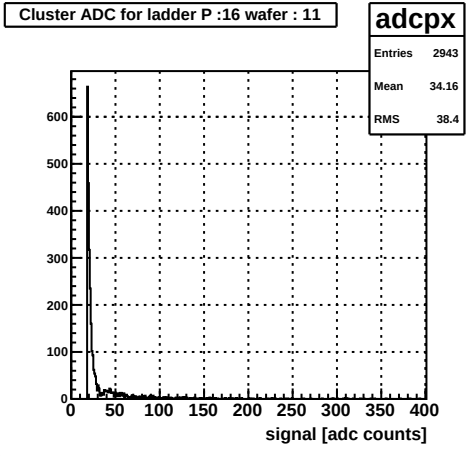

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 7559
Mean 26.57
RMS 27.9
signal [adc counts]

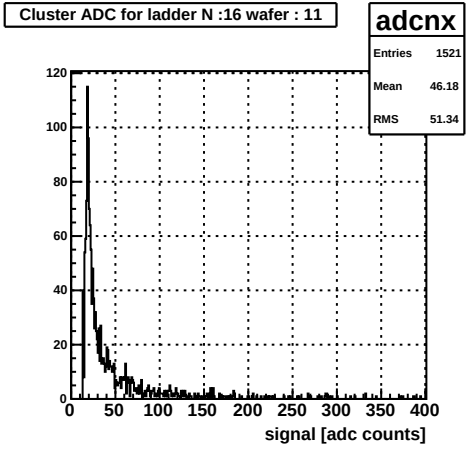

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4390
Mean 31.69
RMS 35.31
signal [adc counts]

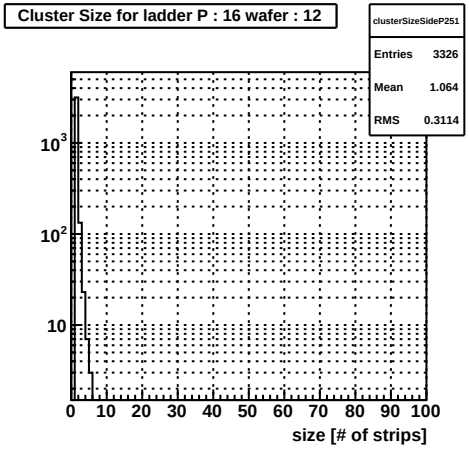

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2943
Mean 1.137
RMS 0.4466
size [# of strips]

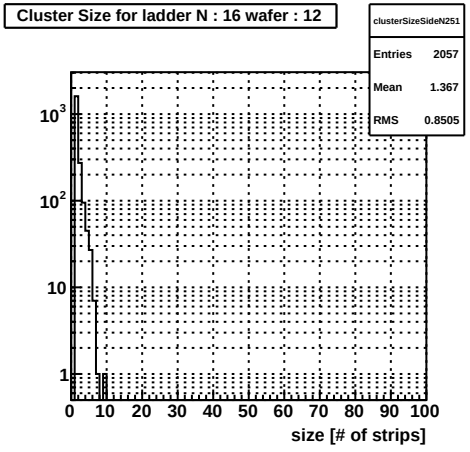

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1521
Mean 1.247
RMS 0.5961
size [# of strips]

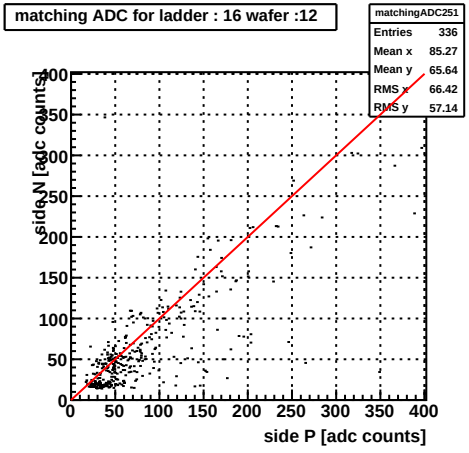

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 490
Mean x 85.07
Mean y 82.24
RMS x 71.05
RMS y 67.04
side N [adc counts]
side P [adc counts]

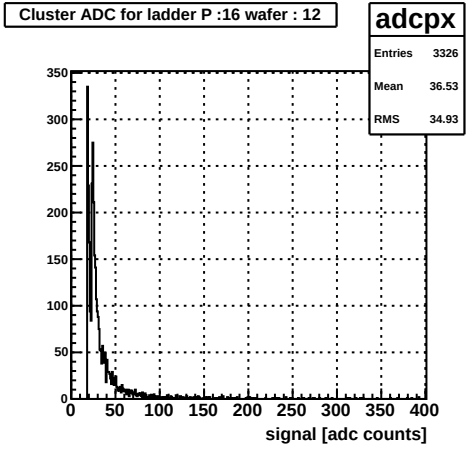

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2943
Mean 34.16
RMS 38.4
signal [adc counts]

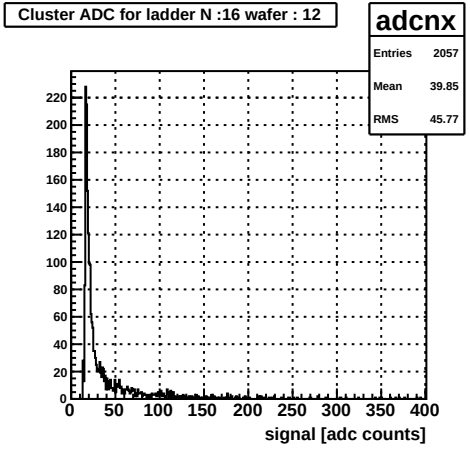

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1521
Mean 46.18
RMS 51.34
signal [adc counts]

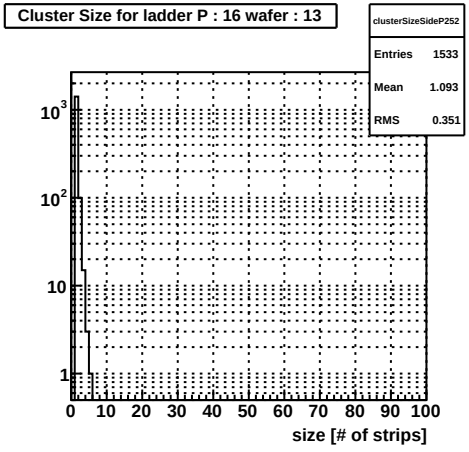

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3326
Mean 1.064
RMS 0.3114
size [# of strips]

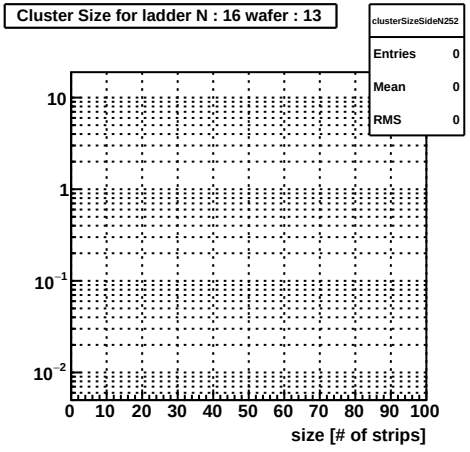

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2057
Mean 1.367
RMS 0.8505
size [# of strips]

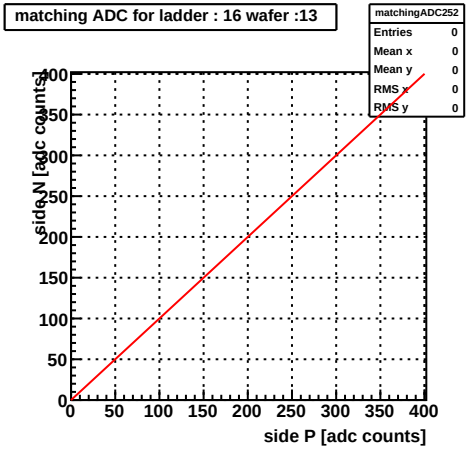

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 336
Mean x 85.27
Mean y 65.64
RMS x 66.42
RMS y 57.14
side N [adc counts]
side P [adc counts]

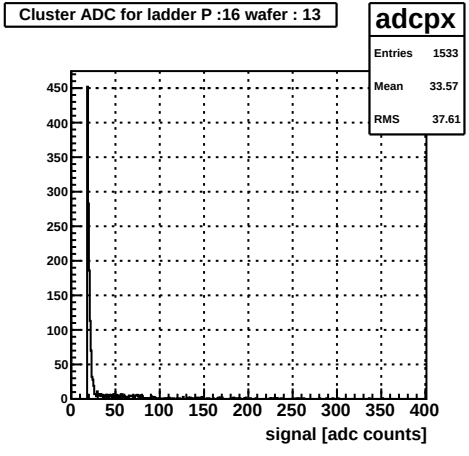

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3326
Mean 36.53
RMS 34.93
signal [adc counts]

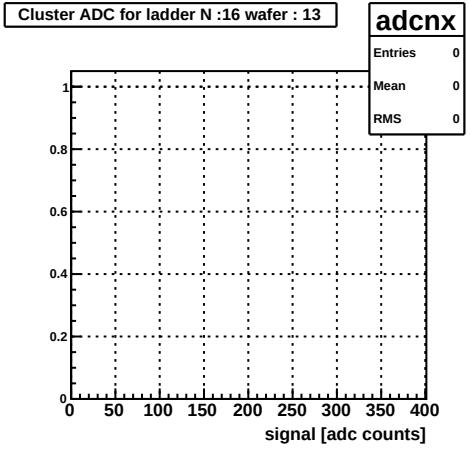

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2057
Mean 39.85
RMS 45.77
signal [adc counts]

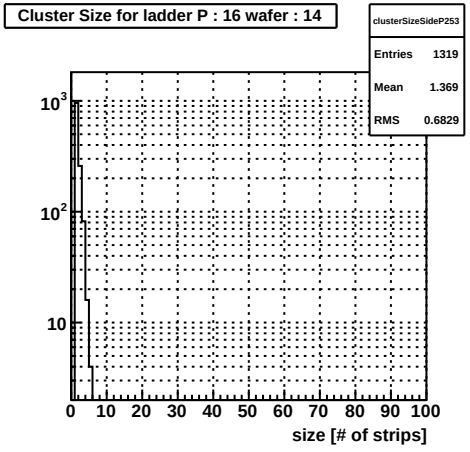

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1533
Mean 1.093
RMS 0.351
size [# of strips]

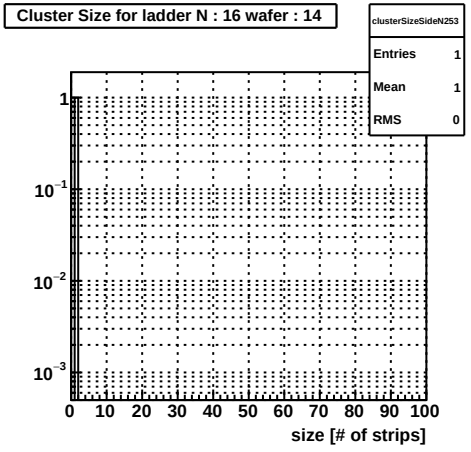

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

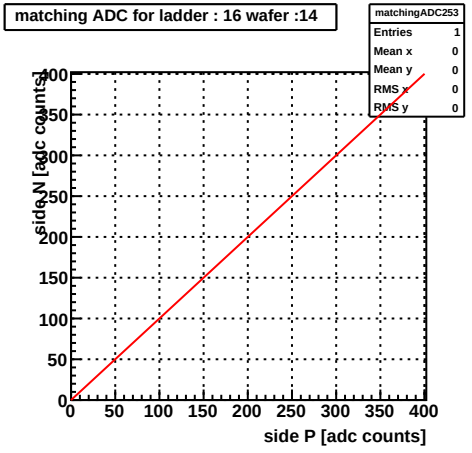

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

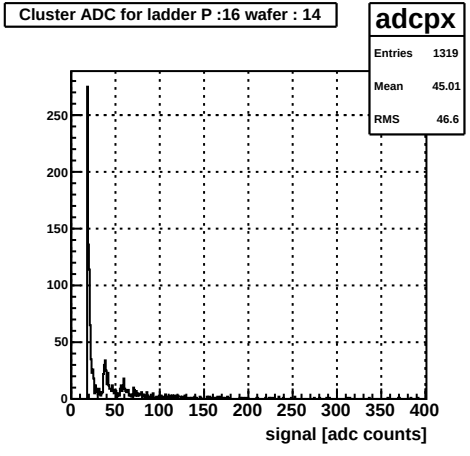

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1533
Mean 33.57
RMS 37.61
signal [adc counts]

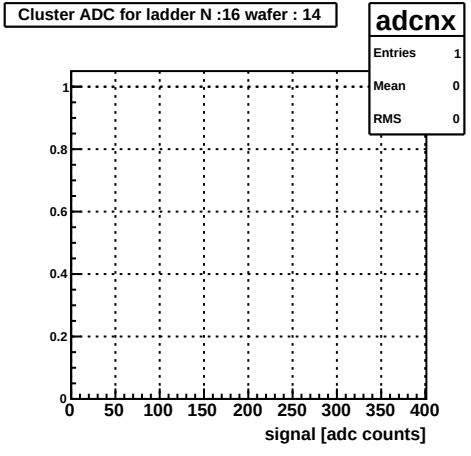

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

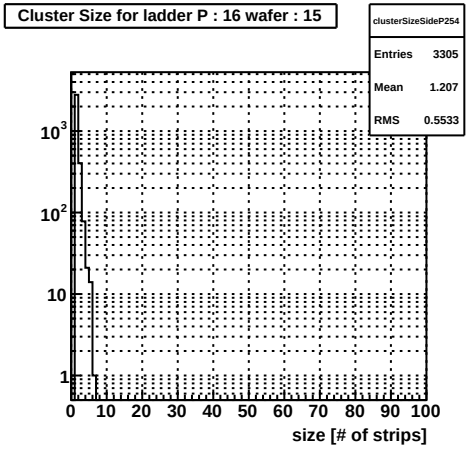

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1319
Mean 1.369
RMS 0.6829
size [# of strips]

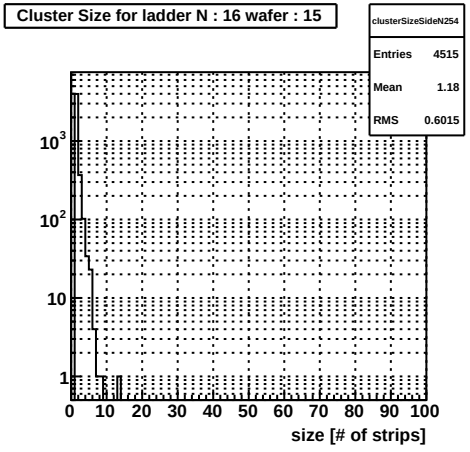

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

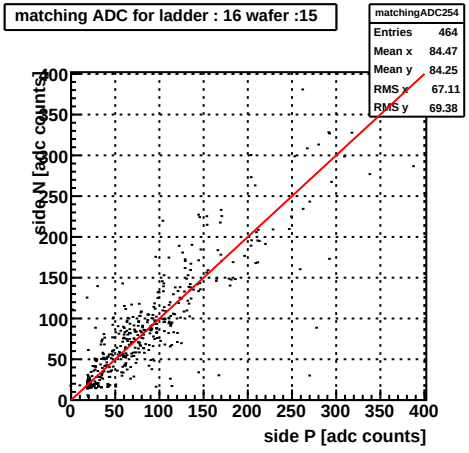

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

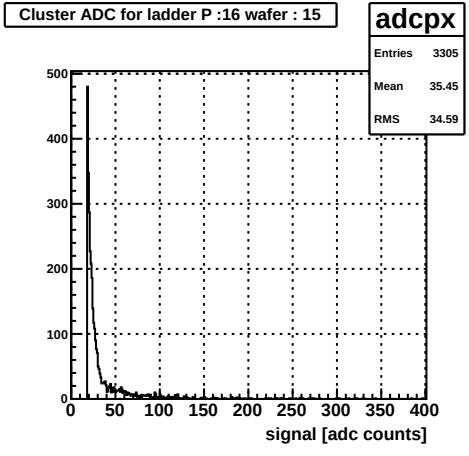

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1319
Mean 45.01
RMS 46.6
signal [adc counts]

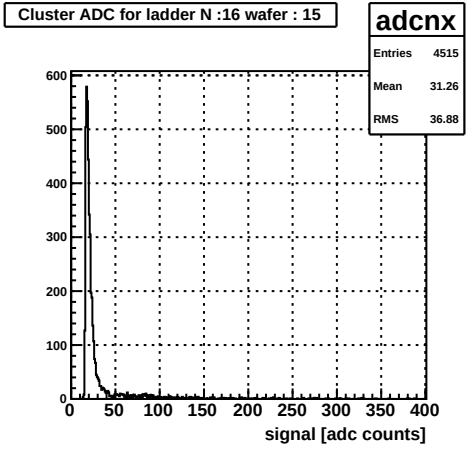

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

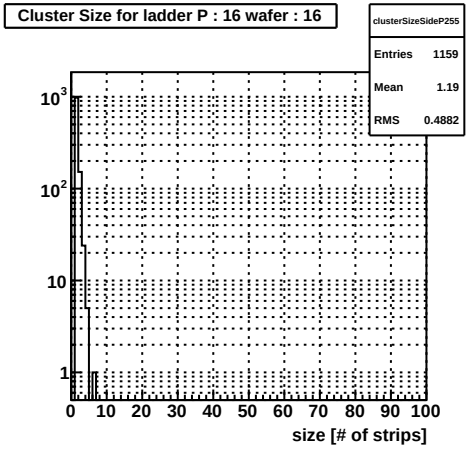

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3305
Mean 1.207
RMS 0.5533
size [# of strips]

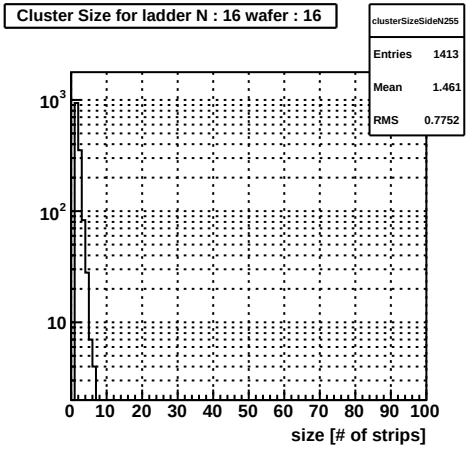

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4515
Mean 1.18
RMS 0.6015
size [# of strips]

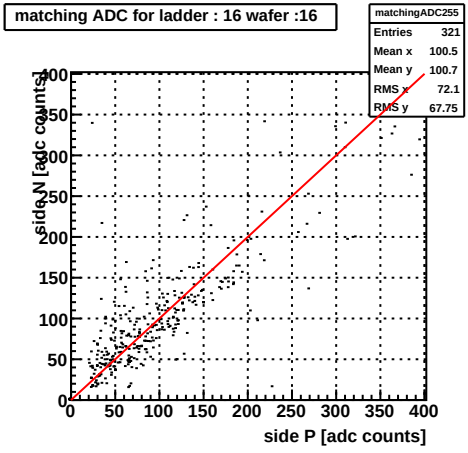

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 464
Mean x 84.47
Mean y 84.25
RMS x 67.11
RMS y 69.38
side N [adc counts]
side P [adc counts]

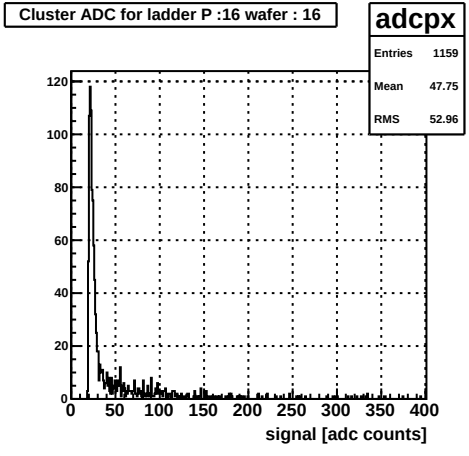

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3305
Mean 35.45
RMS 34.59
signal [adc counts]

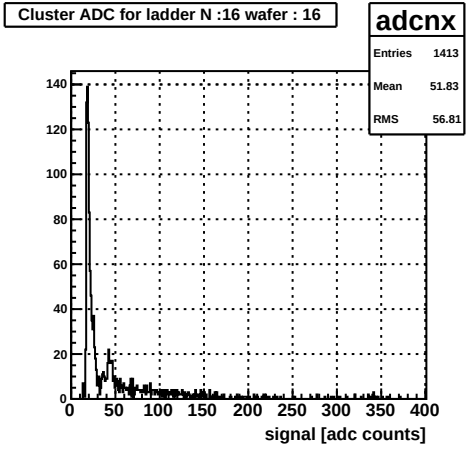

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4515
Mean 31.26
RMS 36.88
signal [adc counts]

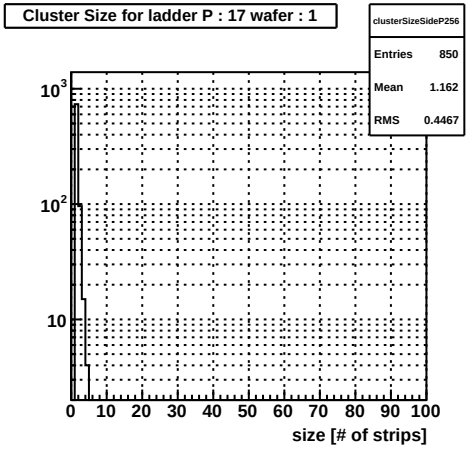

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1159
Mean 1.19
RMS 0.4882
size [# of strips]

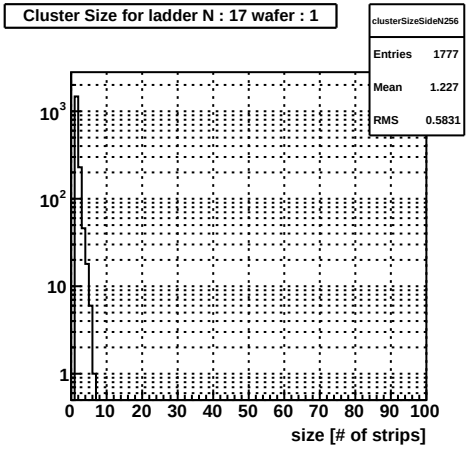

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1413
Mean 1.461
RMS 0.7752
size [# of strips]

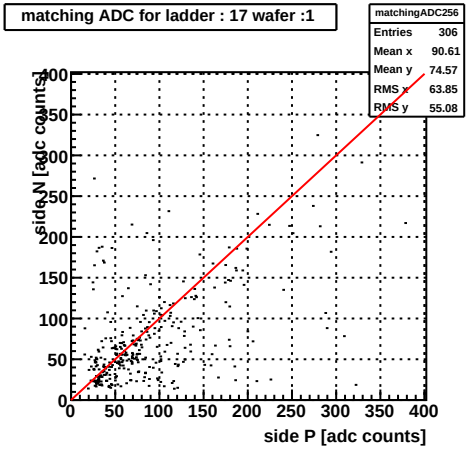

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 321
Mean x 100.5
Mean y 100.7
RMS x 72.1
RMS y 67.75
side N [adc counts]
side P [adc counts]

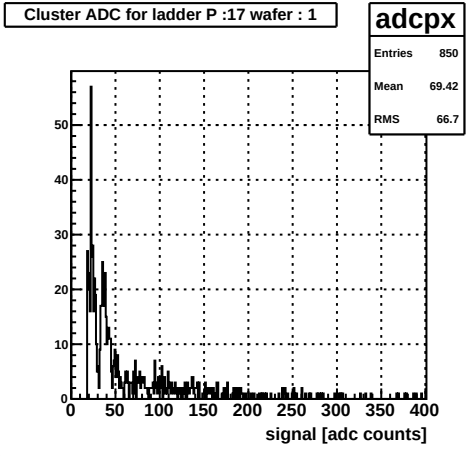

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1159
Mean 47.75
RMS 52.96
signal [adc counts]

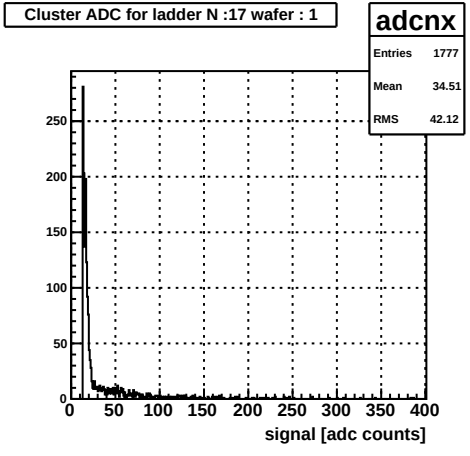

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1413
Mean 51.83
RMS 56.81
signal [adc counts]

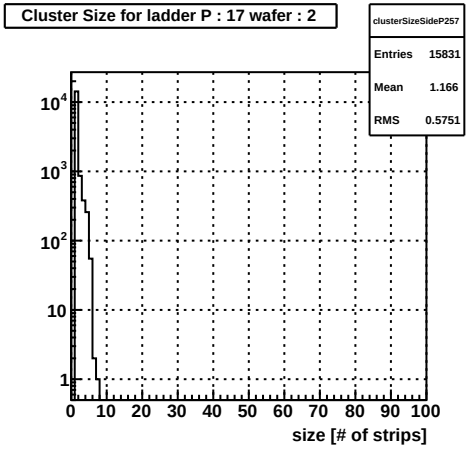

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 850
Mean 1.162
RMS 0.4467
size [# of strips]

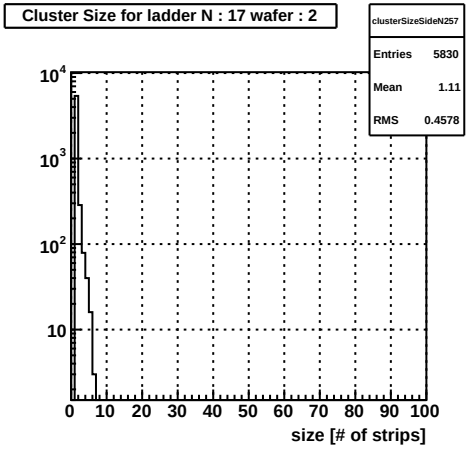

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1777
Mean 1.227
RMS 0.5831
size [# of strips]

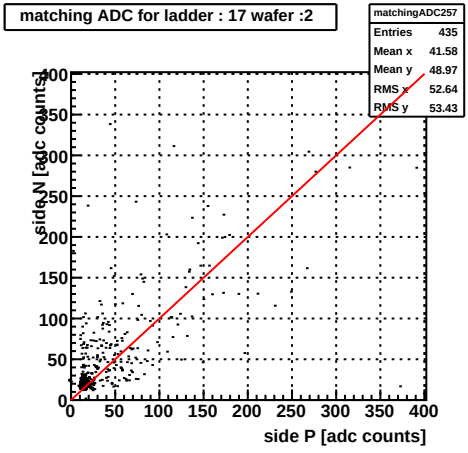

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 306
Mean x 90.61
Mean y 74.57
RMS x 63.85
RMS y 55.08
side N [adc counts]
side P [adc counts]

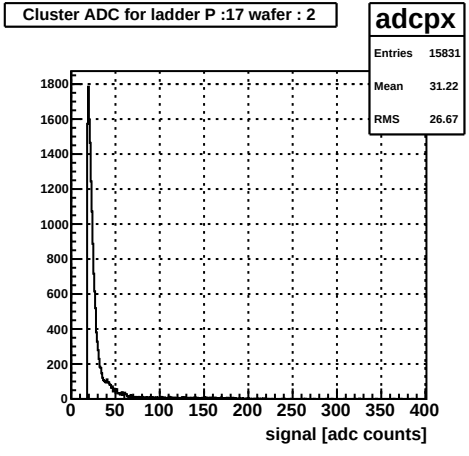

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 850
Mean 69.42
RMS 66.7
signal [adc counts]

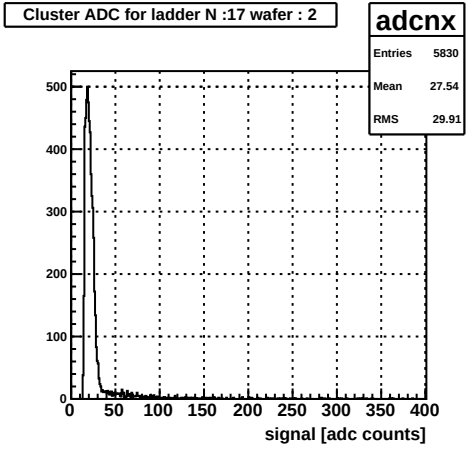

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1777
Mean 34.51
RMS 42.12
signal [adc counts]

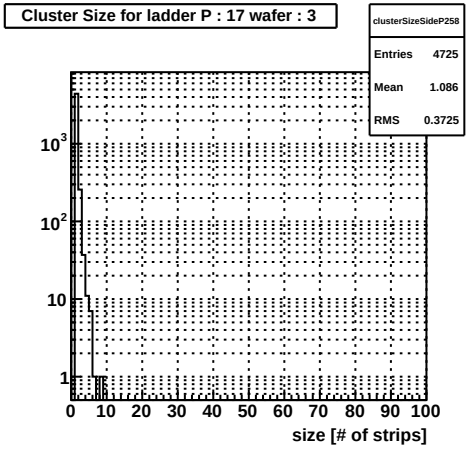

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15831
Mean 1.166
RMS 0.5751
size [# of strips]

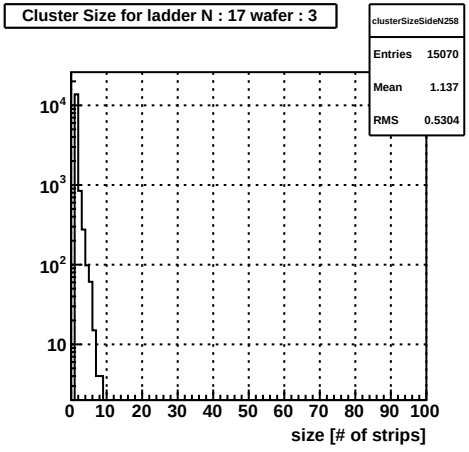

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5830
Mean 1.11
RMS 0.4578
size [# of strips]

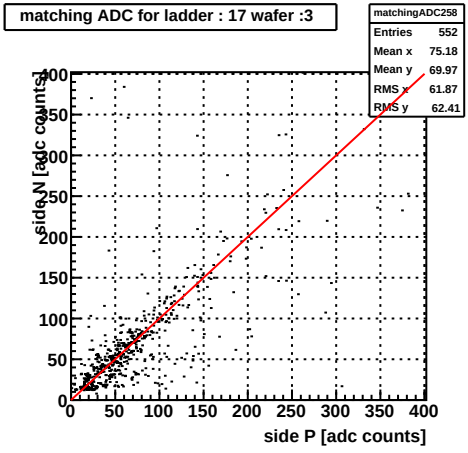

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 435
Mean x 41.58
Mean y 48.97
RMS x 52.64
RMS y 53.43
side N [adc counts]
side P [adc counts]

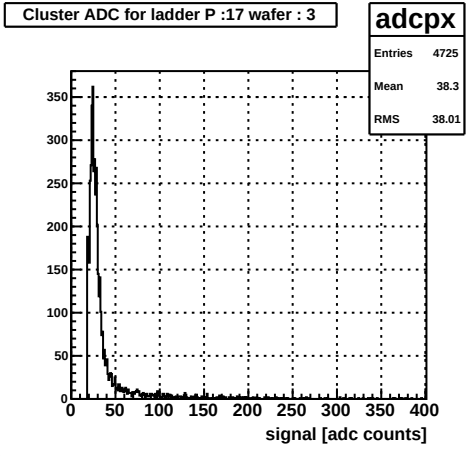

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15831
Mean 31.22
RMS 26.67
signal [adc counts]

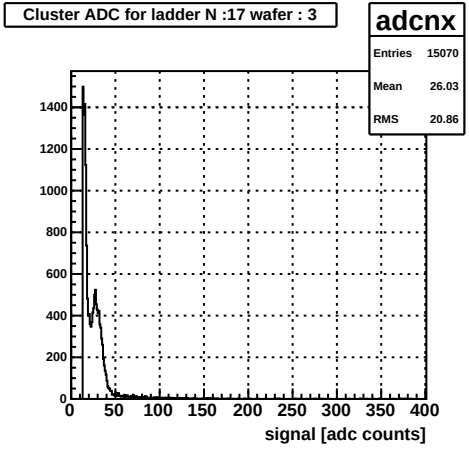

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5830
Mean 27.54
RMS 29.91
signal [adc counts]

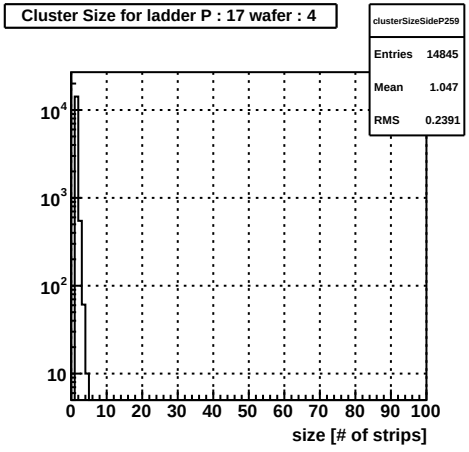

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4725
Mean 1.086
RMS 0.3725
size [# of strips]

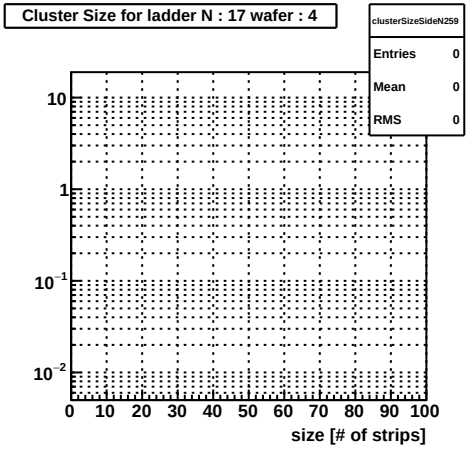

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15070
Mean 1.137
RMS 0.5304
size [# of strips]

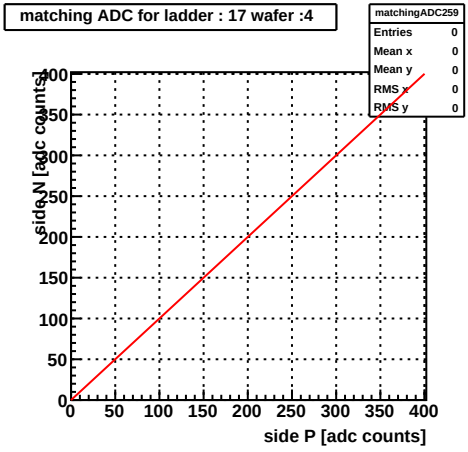

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 552
Mean x 75.18
Mean y 69.97
RMS x 61.87
RMS y 62.41
side N [adc counts]
side P [adc counts]

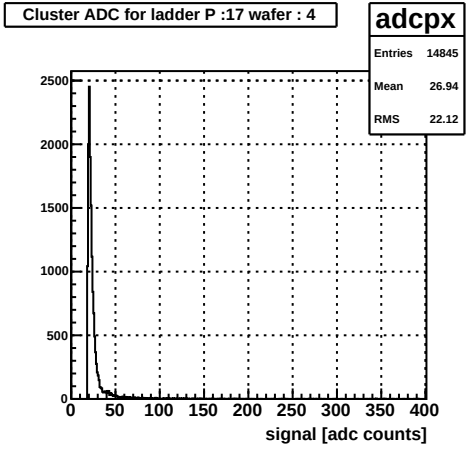

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4725
Mean 38.3
RMS 38.01
signal [adc counts]

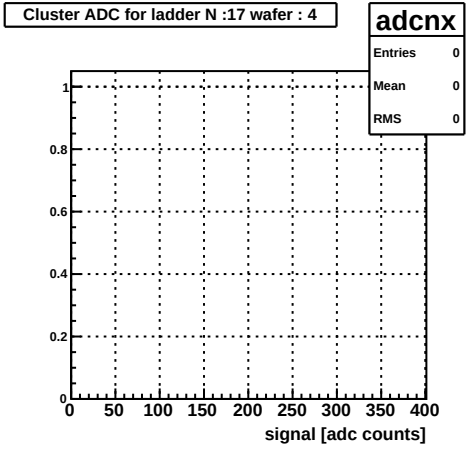

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15070
Mean 26.03
RMS 20.86
signal [adc counts]

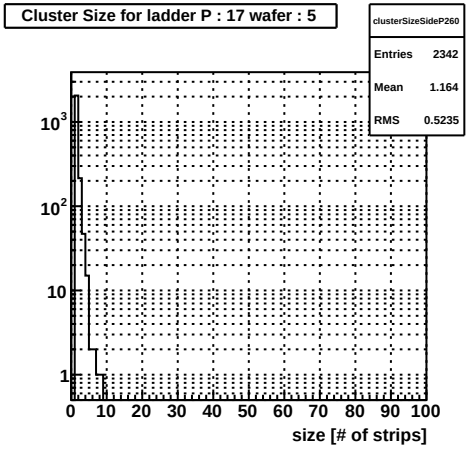

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 14845
Mean 1.047
RMS 0.2391
size [# of strips]

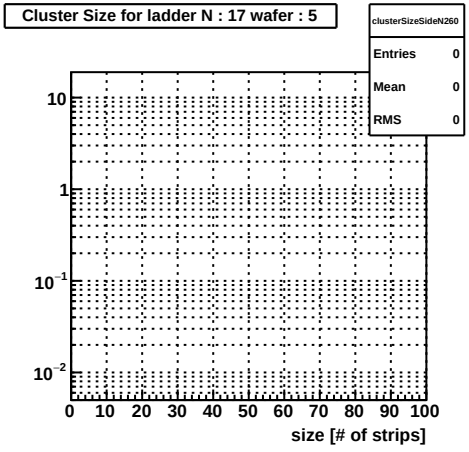

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

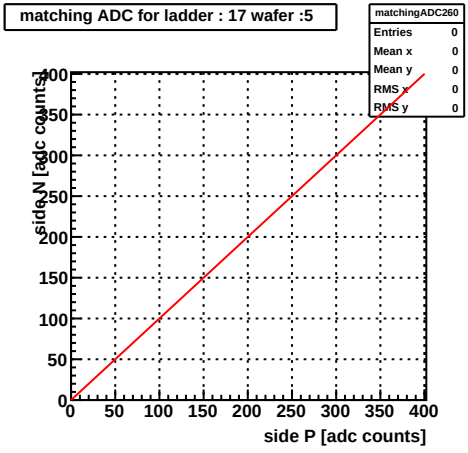

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

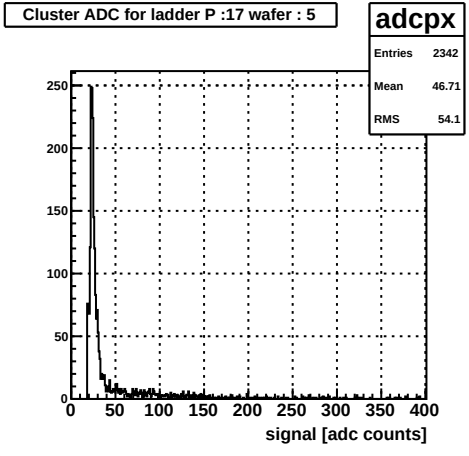

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 14845
Mean 26.94
RMS 22.12
signal [adc counts]

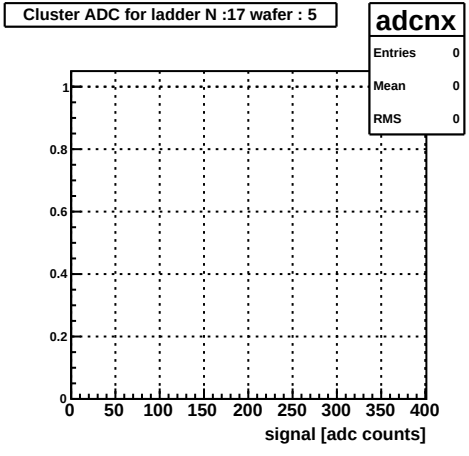

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

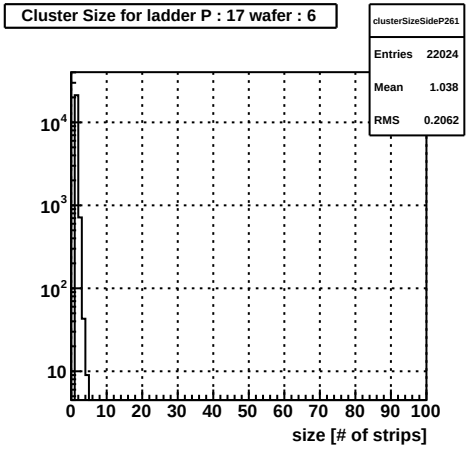

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2342
Mean 1.164
RMS 0.5235
size [# of strips]

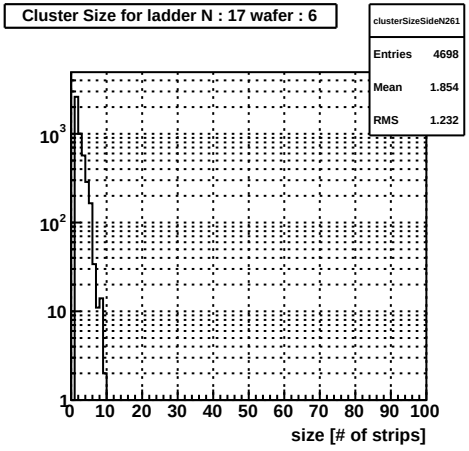

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

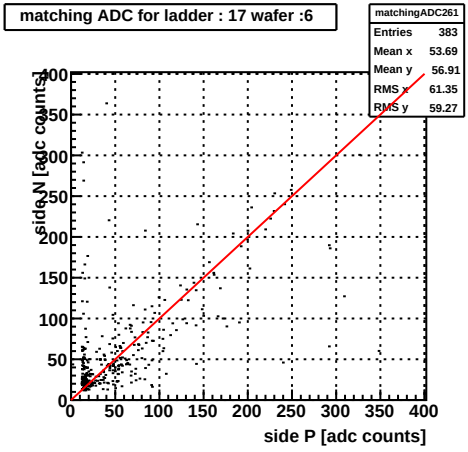

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

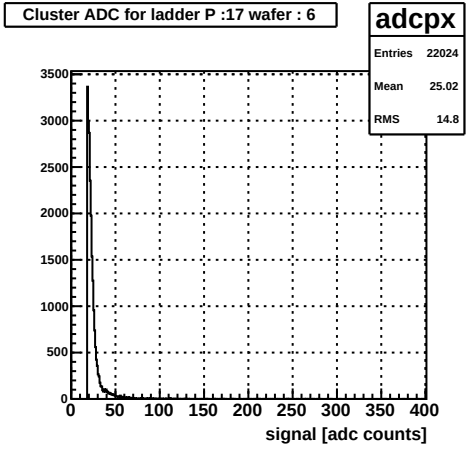

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2342
Mean 46.71
RMS 54.1
signal [adc counts]

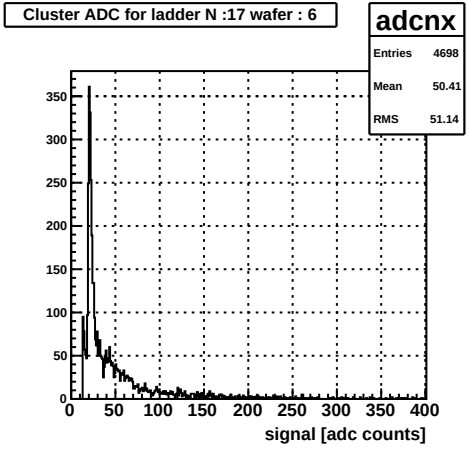

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

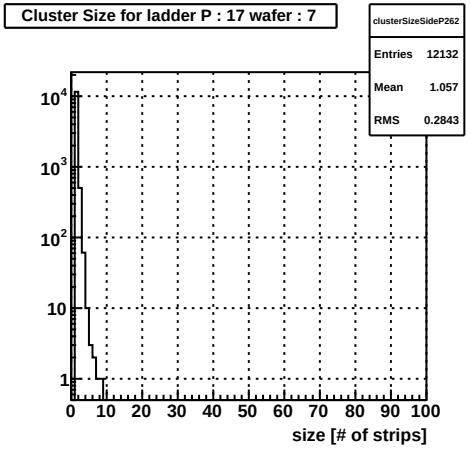

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 22024
Mean 1.038
RMS 0.2062
size [# of strips]

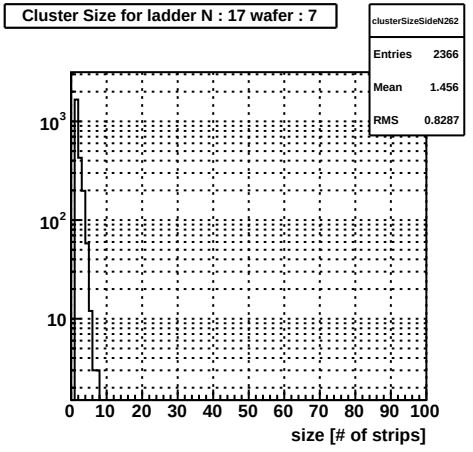

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 4698
Mean 1.854
RMS 1.232
size [# of strips]

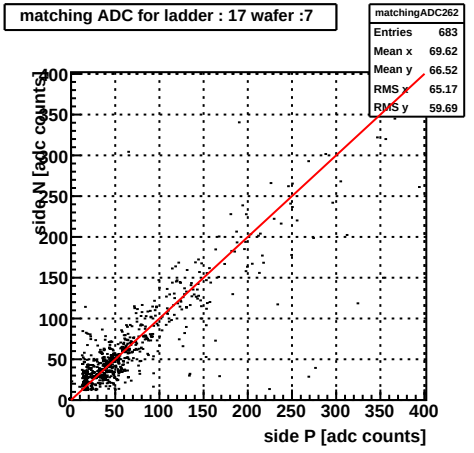

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 383
Mean x 53.69
Mean y 56.91
RMS x 61.35
RMS y 59.27
side N [adc counts]
side P [adc counts]

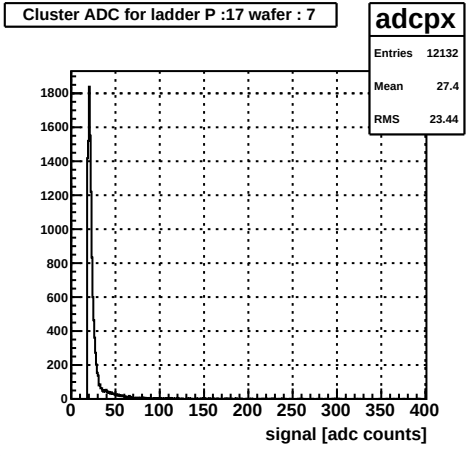

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 22024
Mean 25.02
RMS 14.8
signal [adc counts]

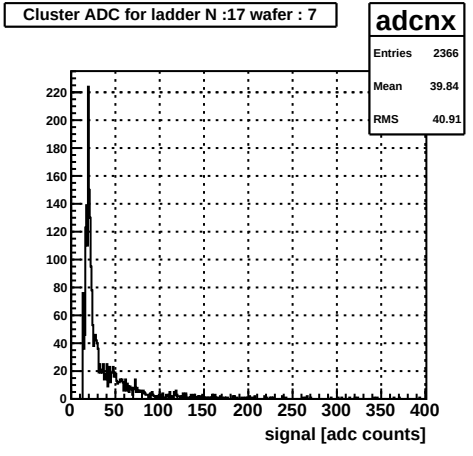

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 4698
Mean 50.41
RMS 51.14
signal [adc counts]

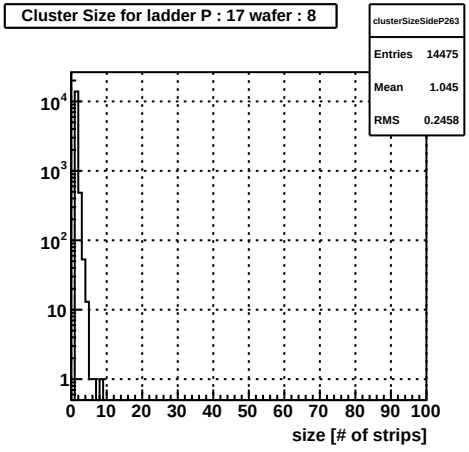

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12132
Mean 1.057
RMS 0.2843
size [# of strips]

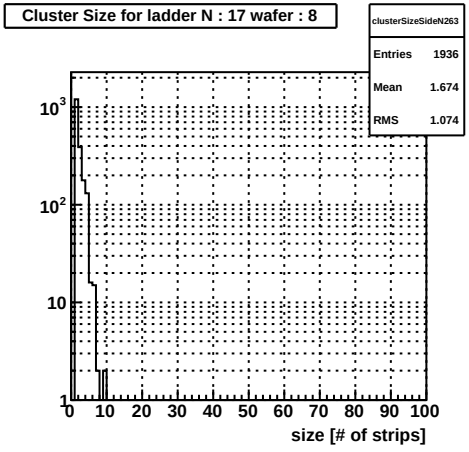

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2366
Mean 1.456
RMS 0.8287
size [# of strips]

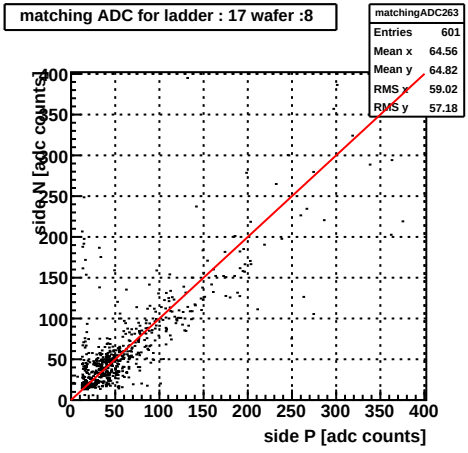

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 683
Mean x 69.62
Mean y 66.52
RMS x 65.17
RMS y 59.69
side N [adc counts]
side P [adc counts]

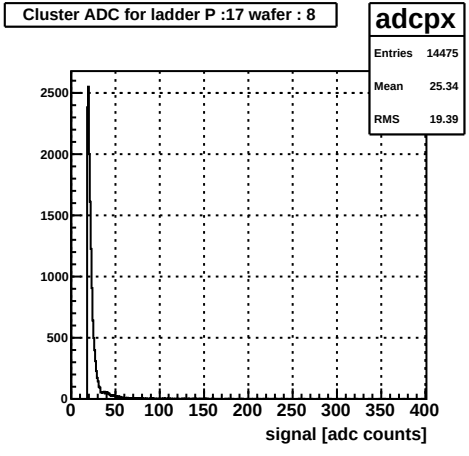

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12132
Mean 27.4
RMS 23.44
signal [adc counts]

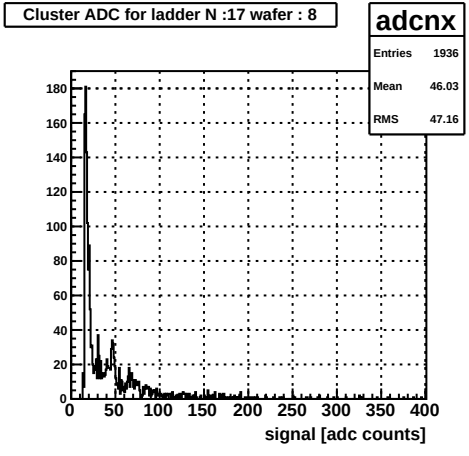

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2366
Mean 39.84
RMS 40.91
signal [adc counts]

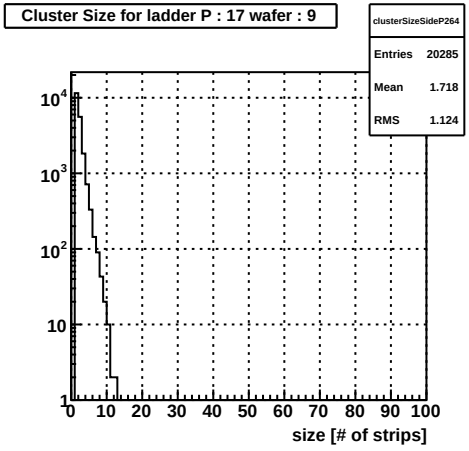

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14475
Mean 1.045
RMS 0.2458
size [# of strips]

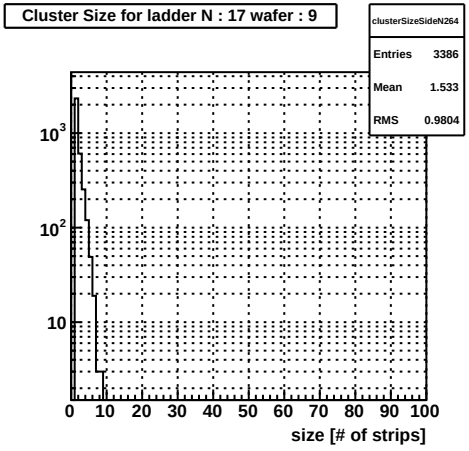

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1936
Mean 1.674
RMS 1.074
size [# of strips]

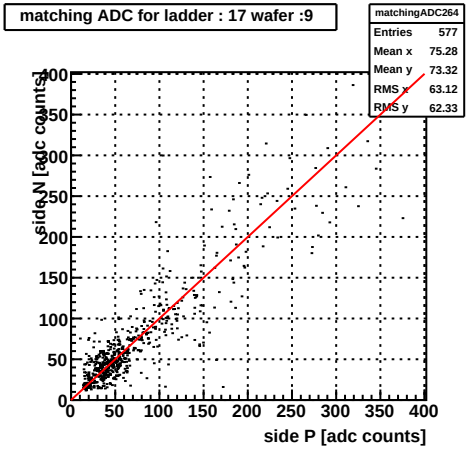

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 601
Mean x 64.56
Mean y 64.82
RMS x 59.02
RMS y 57.18
side N [adc counts]
side P [adc counts]

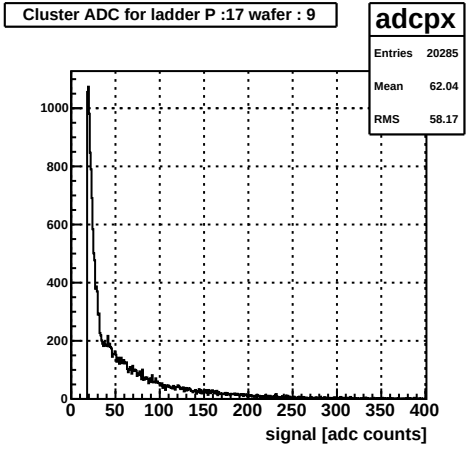

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14475
Mean 25.34
RMS 19.39
signal [adc counts]

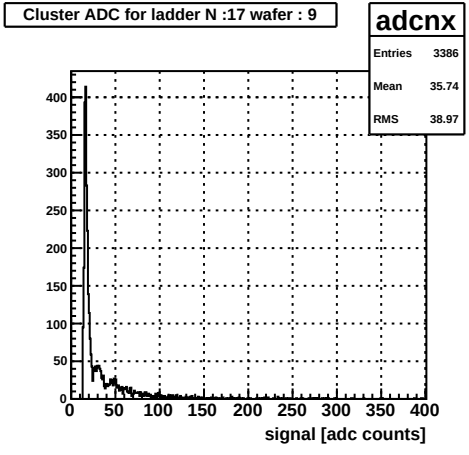

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1936
Mean 46.03
RMS 47.16
signal [adc counts]

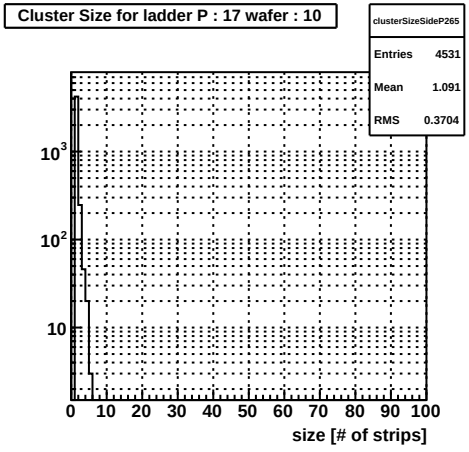

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 20285
Mean 1.718
RMS 1.124
size [# of strips]

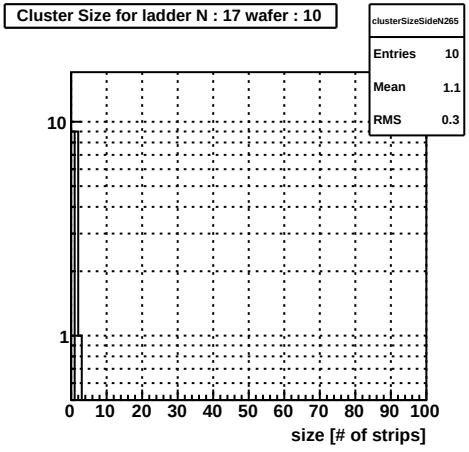

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3386
Mean 1.533
RMS 0.9804
size [# of strips]

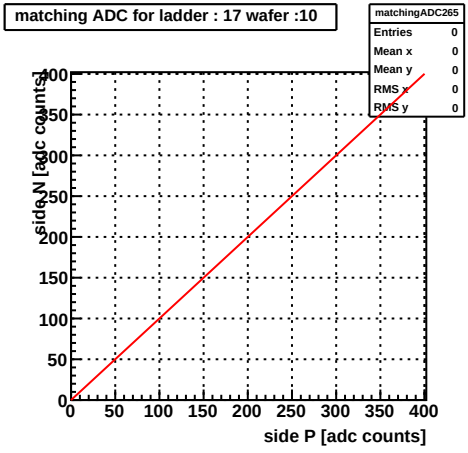

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 577
Mean x 75.28
Mean y 73.32
RMS x 63.12
RMS y 62.33
side N [adc counts]
side P [adc counts]

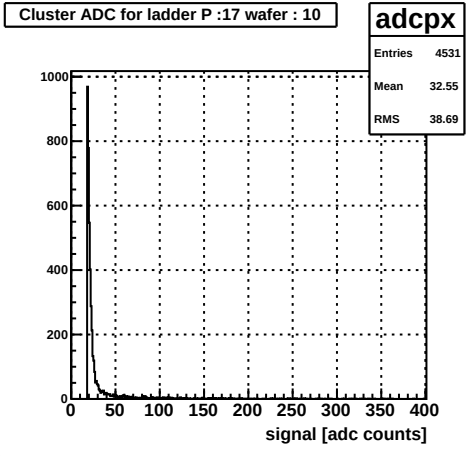

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 20285
Mean 62.04
RMS 58.17
signal [adc counts]

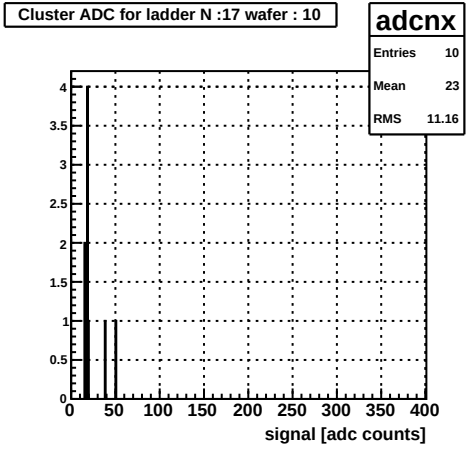

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3386
Mean 35.74
RMS 38.97
signal [adc counts]

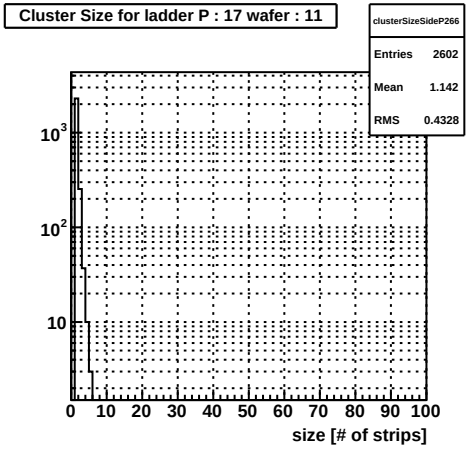

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4531
Mean 1.091
RMS 0.3704
size [# of strips]

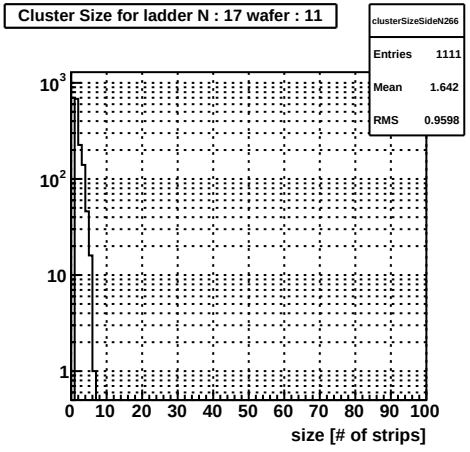

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

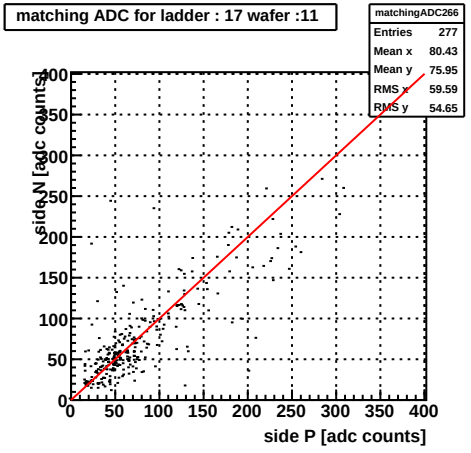

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

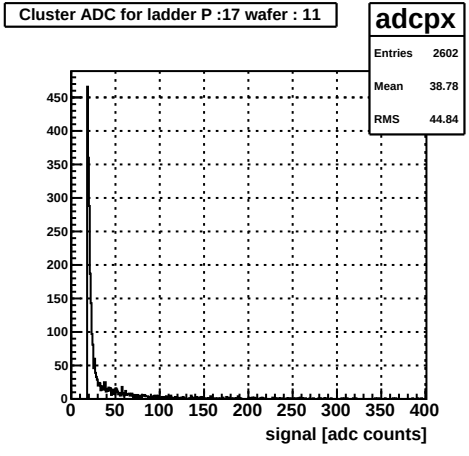

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4531
Mean 32.55
RMS 38.69
signal [adc counts]

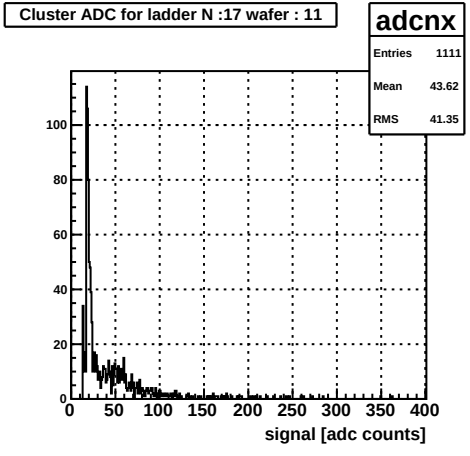

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 10
Mean 23
RMS 11.16
signal [adc counts]

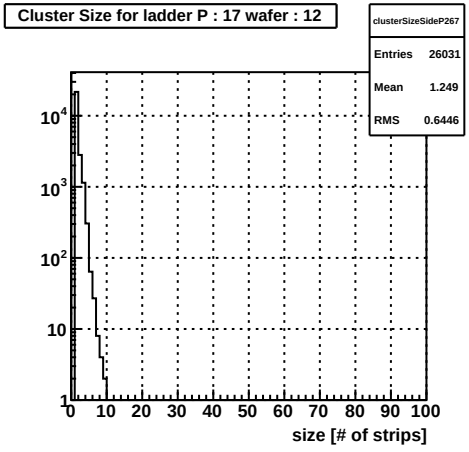

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2602
Mean 1.142
RMS 0.4328
size [# of strips]

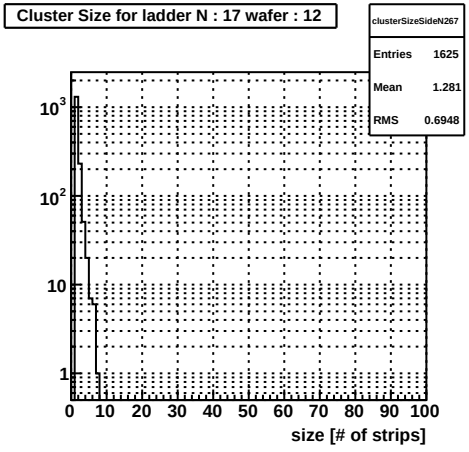

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1111
Mean 1.642
RMS 0.9598
size [# of strips]

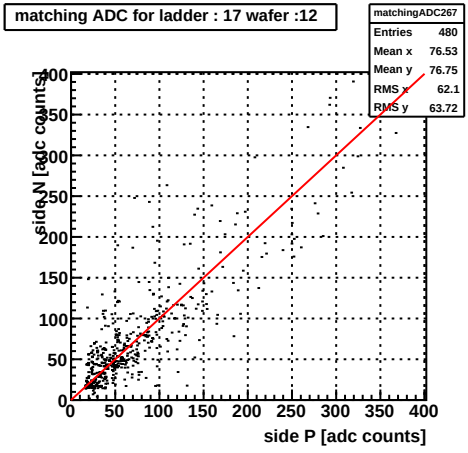

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 277
Mean x 80.43
Mean y 75.95
RMS x 59.59
RMS y 54.65
side N [adc counts]
side P [adc counts]

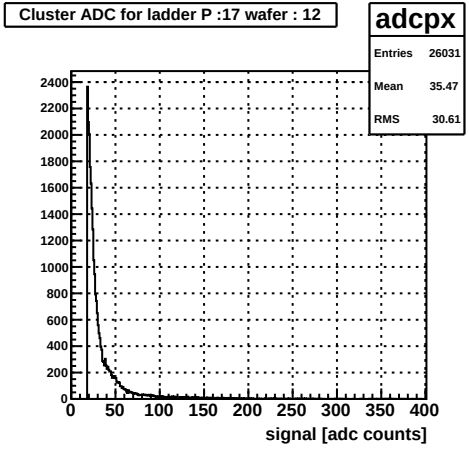

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2602
Mean 38.78
RMS 44.84
signal [adc counts]

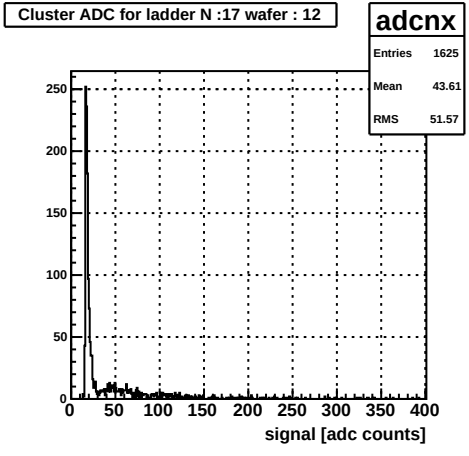

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1111
Mean 43.62
RMS 41.35
signal [adc counts]

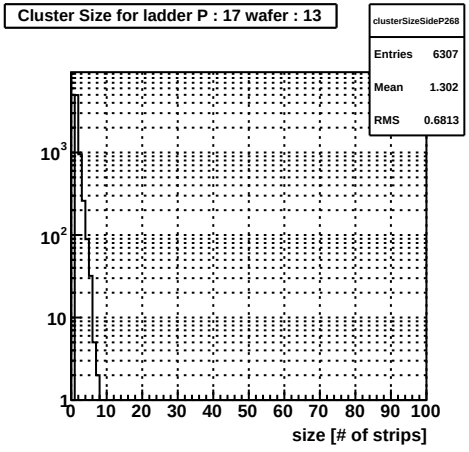

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 26031
Mean 1.249
RMS 0.6446
size [# of strips]

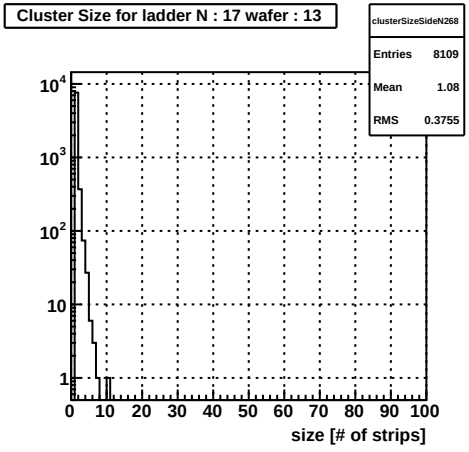

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1625
Mean 1.281
RMS 0.6948
size [# of strips]

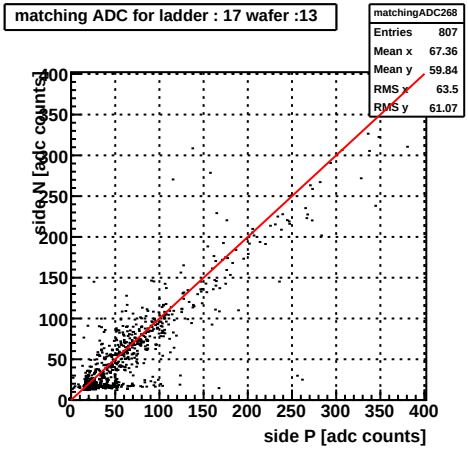

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 480
Mean x 76.53
Mean y 76.75
RMS x 62.1
RMS y 63.72
side N [adc counts]
side P [adc counts]

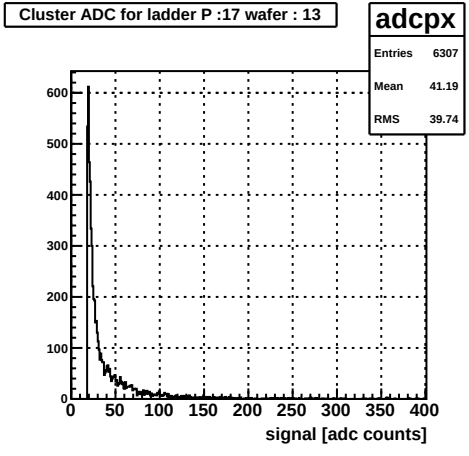

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 26031
Mean 35.47
RMS 30.61
signal [adc counts]

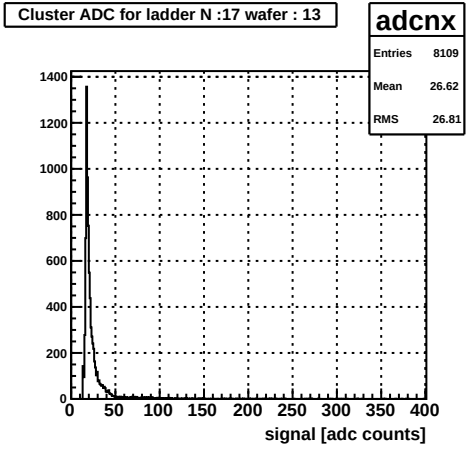

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1625
Mean 43.61
RMS 51.57
signal [adc counts]

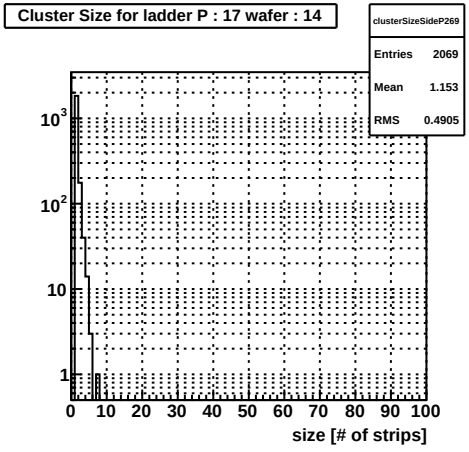

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6307
Mean 1.302
RMS 0.6813
size [# of strips]

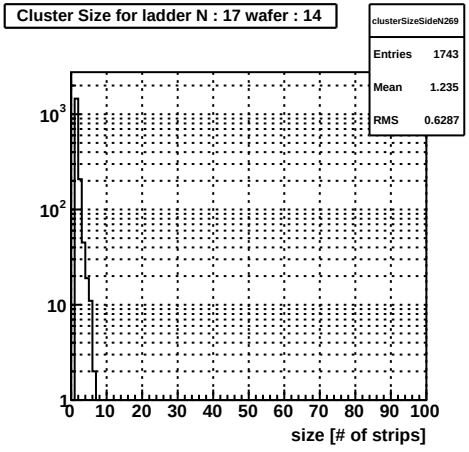

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8109
Mean 1.08
RMS 0.3755
size [# of strips]

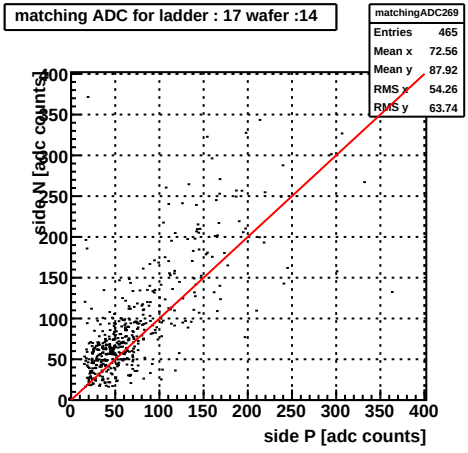

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 807
Mean x 67.36
Mean y 59.84
RMS x 63.5
RMS y 61.07
side N [adc counts]
side P [adc counts]

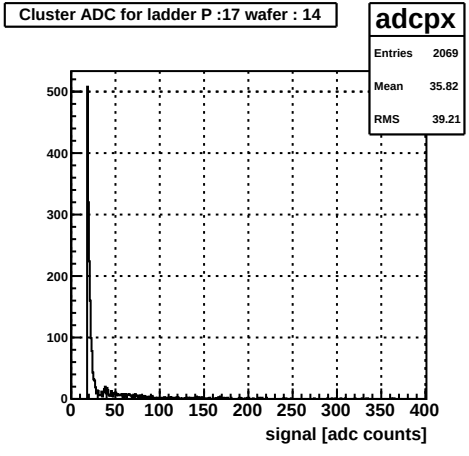

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6307
Mean 41.19
RMS 39.74
signal [adc counts]

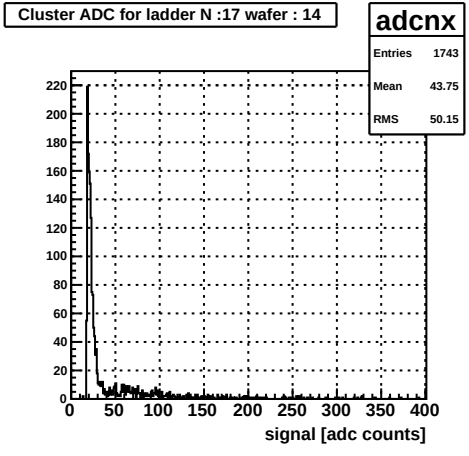

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8109
Mean 26.62
RMS 26.81
signal [adc counts]

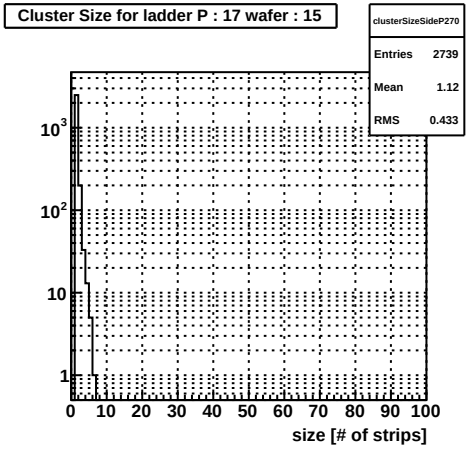

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2069
Mean 1.153
RMS 0.4905
size [# of strips]

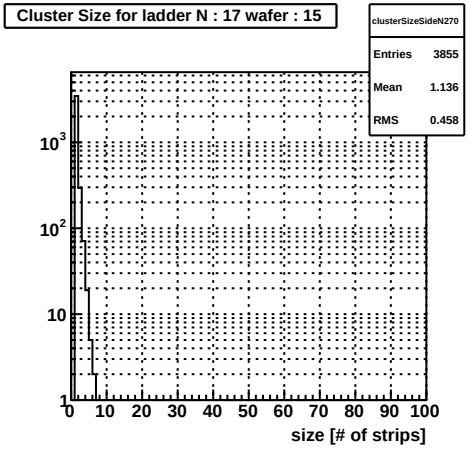

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1743
Mean 1.235
RMS 0.6287
size [# of strips]

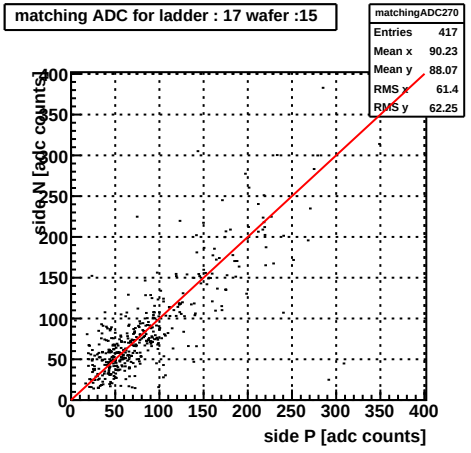

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 465
Mean x 72.56
Mean y 87.92
RMS x 54.26
RMS y 63.74
side N [adc counts]
side P [adc counts]

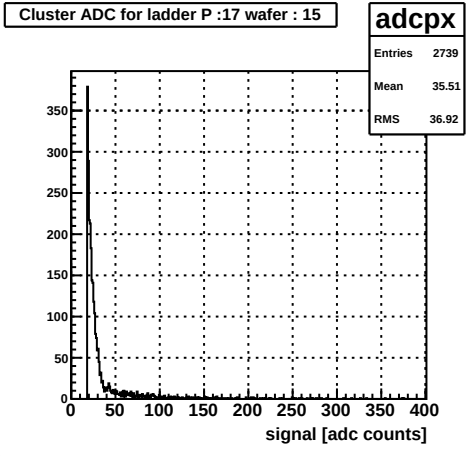

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2069
Mean 35.82
RMS 39.21
signal [adc counts]

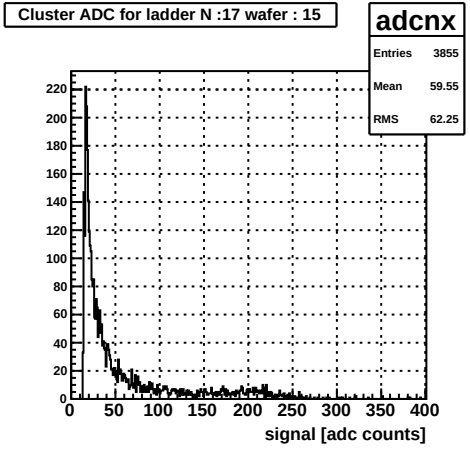

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1743
Mean 43.75
RMS 50.15
signal [adc counts]

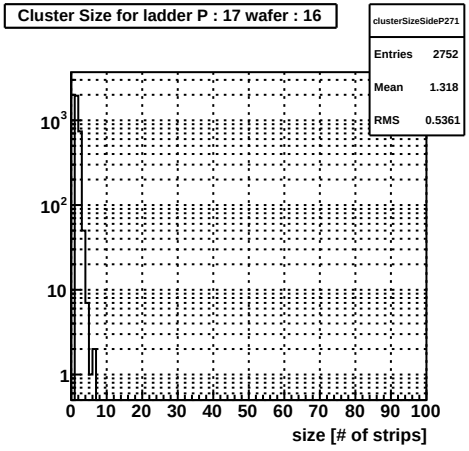

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2739
Mean 1.12
RMS 0.433
size [# of strips]

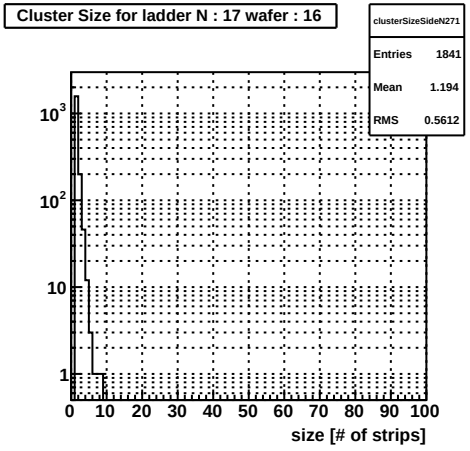

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3855
Mean 1.136
RMS 0.458
size [# of strips]

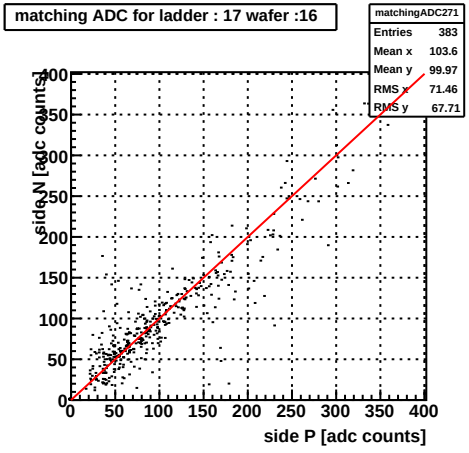

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 417
Mean x 90.23
Mean y 88.07
RMS x 61.4
RMS y 62.25
side N [adc counts]
side P [adc counts]

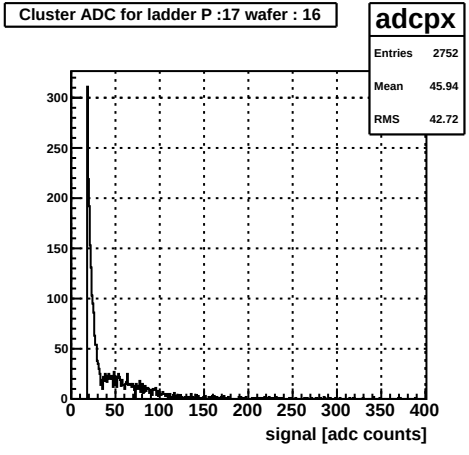

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2739
Mean 35.51
RMS 36.92
signal [adc counts]

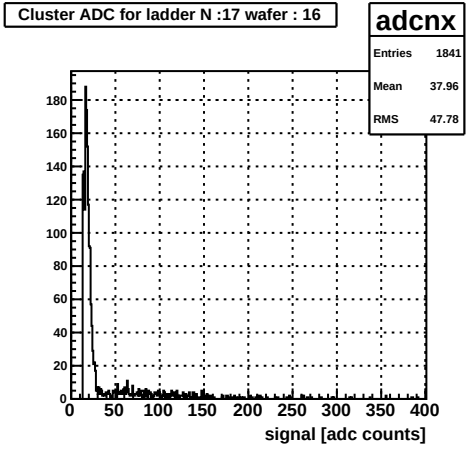

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3855
Mean 59.55
RMS 62.25
signal [adc counts]

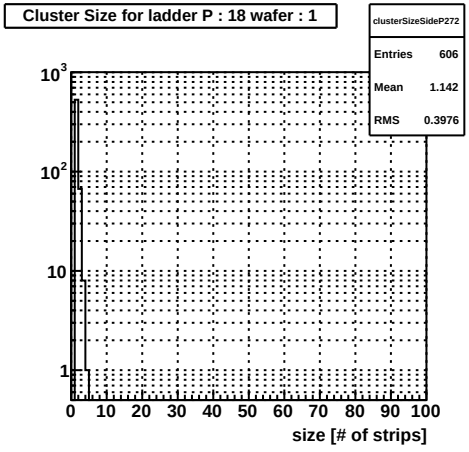

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2752
Mean 1.318
RMS 0.5361
size [# of strips]

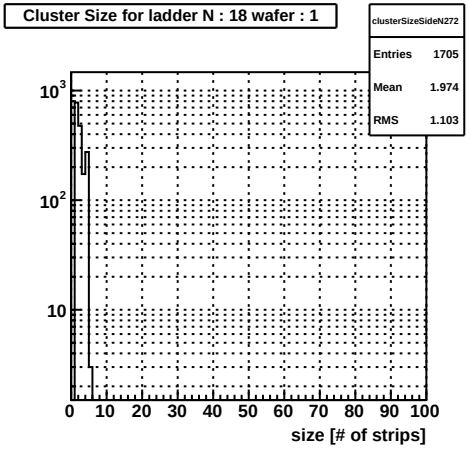

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1841
Mean 1.194
RMS 0.5612
size [# of strips]

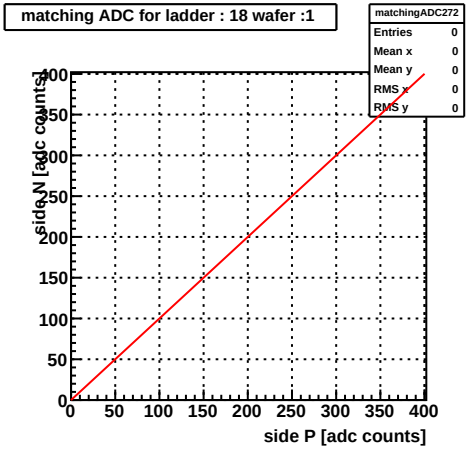

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 383
Mean x 103.6
Mean y 99.97
RMS x 71.46
RMS y 67.71
side N [adc counts]
side P [adc counts]

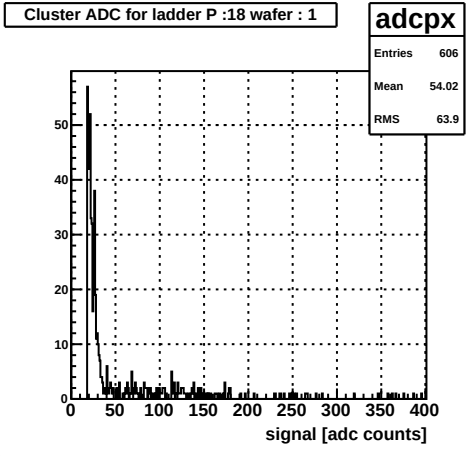

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2752
Mean 45.94
RMS 42.72
signal [adc counts]

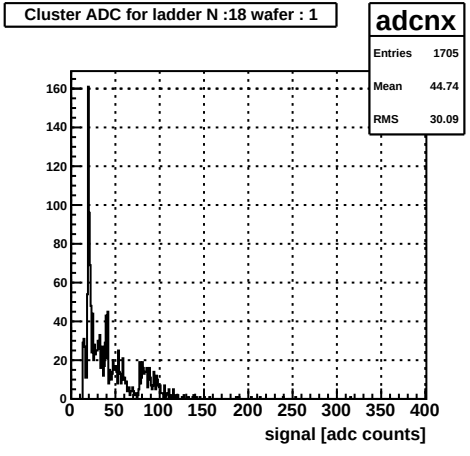

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1841
Mean 37.96
RMS 47.78
signal [adc counts]

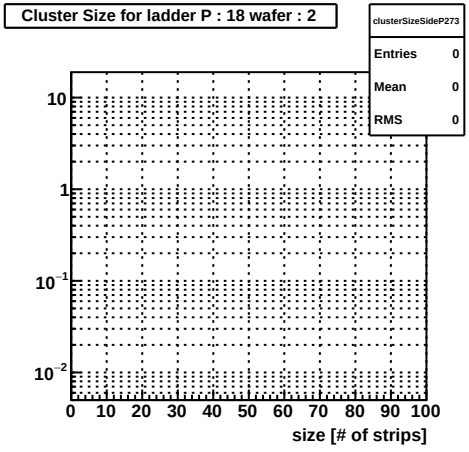

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 606
Mean 1.142
RMS 0.3976
size [# of strips]

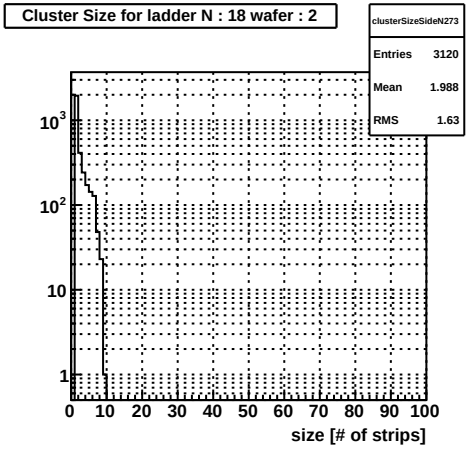

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1705
Mean 1.974
RMS 1.103
size [# of strips]

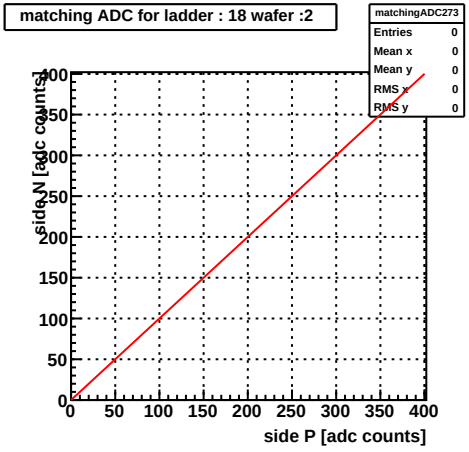

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

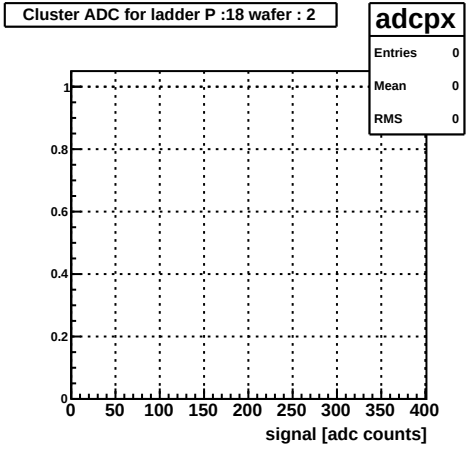

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 606
Mean 54.02
RMS 63.9
signal [adc counts]

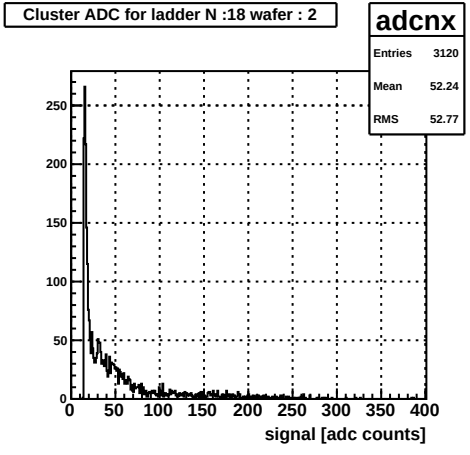

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1705
Mean 44.74
RMS 30.09
signal [adc counts]

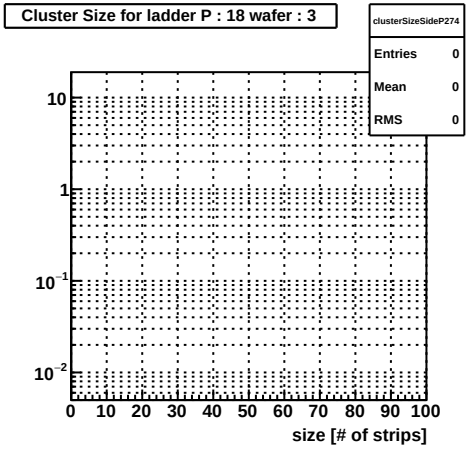

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

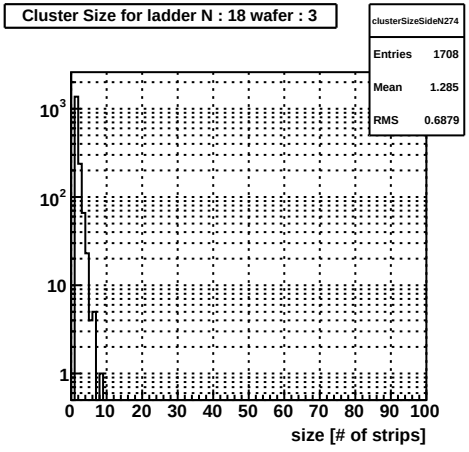

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3120
Mean 1.988
RMS 1.63
size [# of strips]

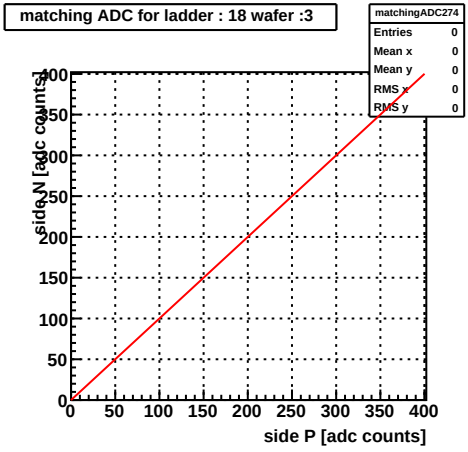

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

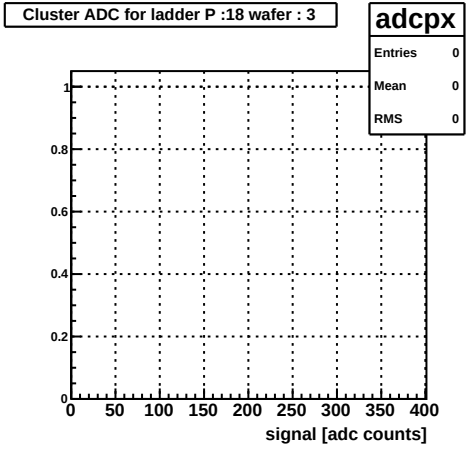

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

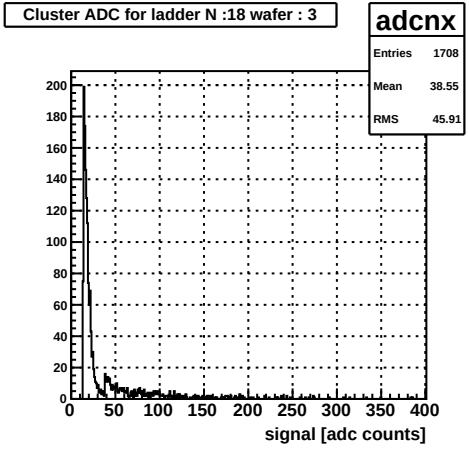

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3120
Mean 52.24
RMS 52.77
signal [adc counts]

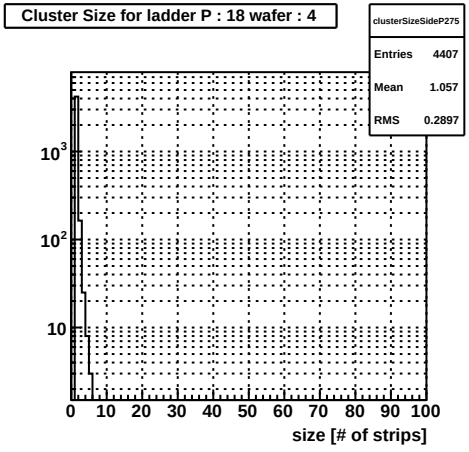

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

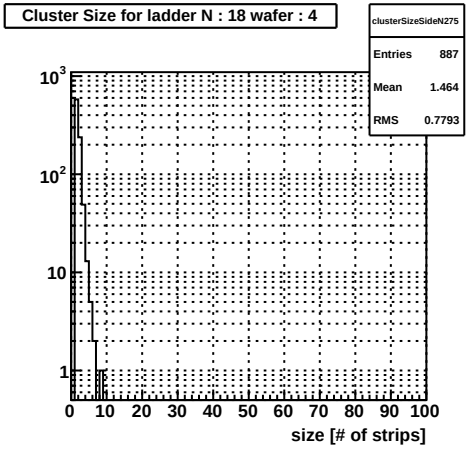

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1708
Mean 1.285
RMS 0.6879
size [# of strips]

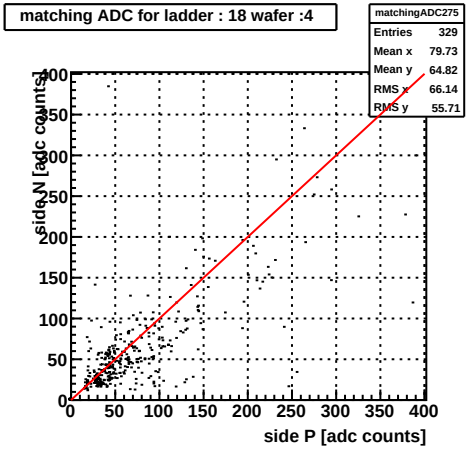

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

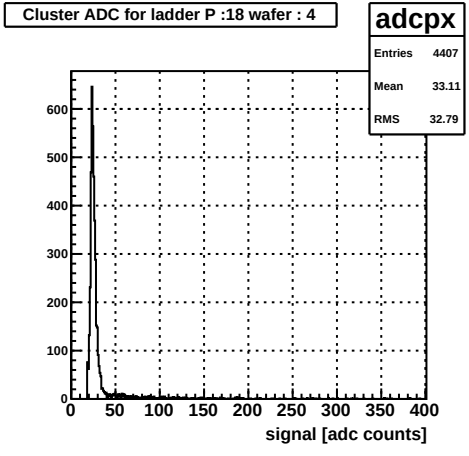

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

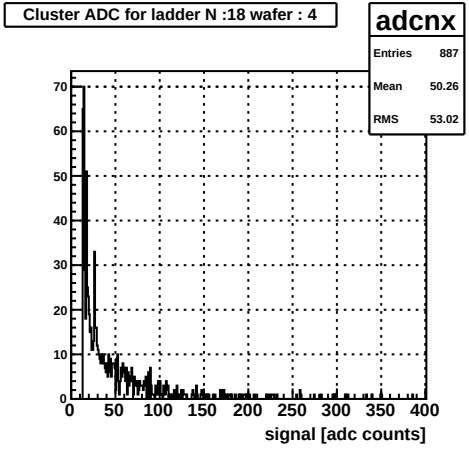

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1708
Mean 38.55
RMS 45.91
signal [adc counts]

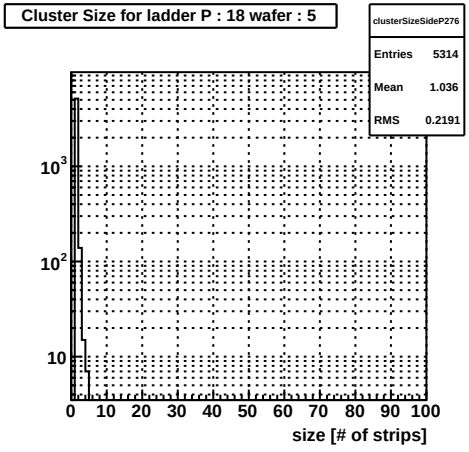

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4407
Mean 1.057
RMS 0.2897
size [# of strips]

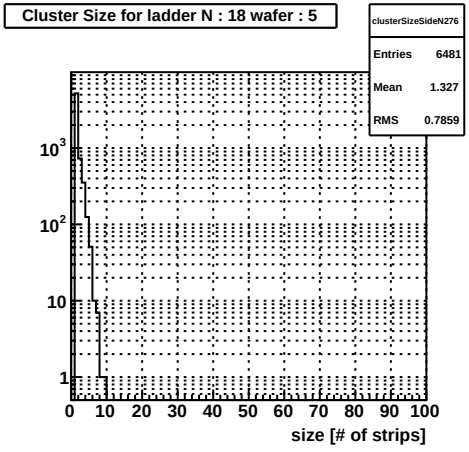

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 887
Mean 1.464
RMS 0.7793
size [# of strips]

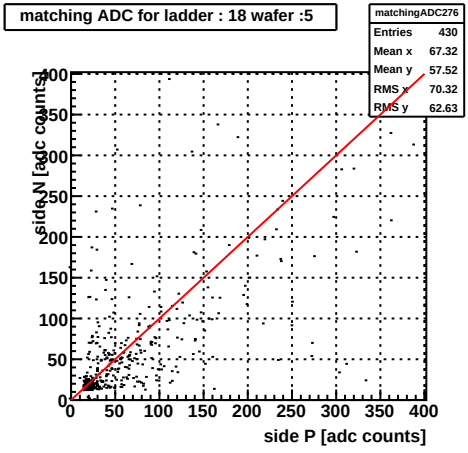

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 329
Mean x 79.73
Mean y 64.82
RMS x 66.14
RMS y 55.71
side N [adc counts]
side P [adc counts]

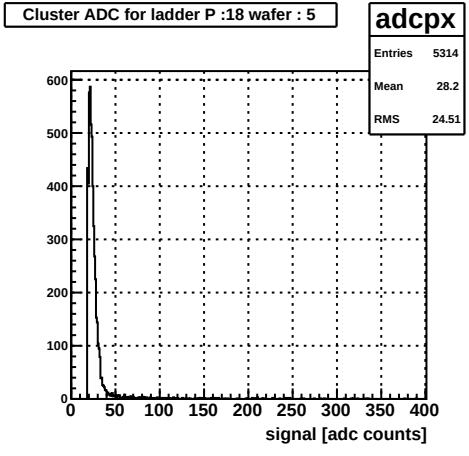

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4407
Mean 33.11
RMS 32.79
signal [adc counts]

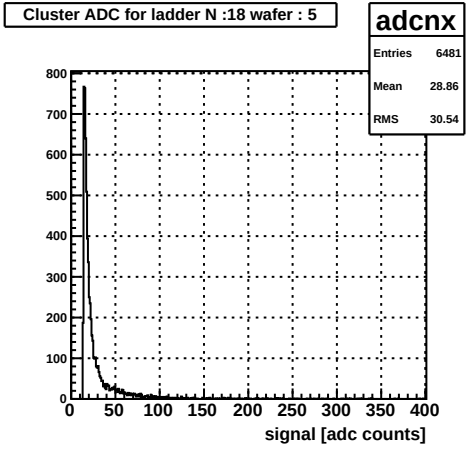

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 887
Mean 50.26
RMS 53.02
signal [adc counts]

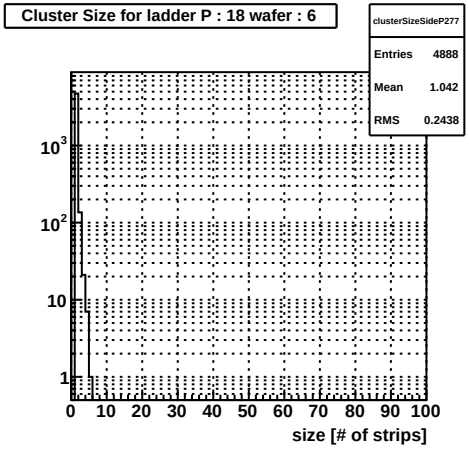

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5314
Mean 1.036
RMS 0.2191
size [# of strips]

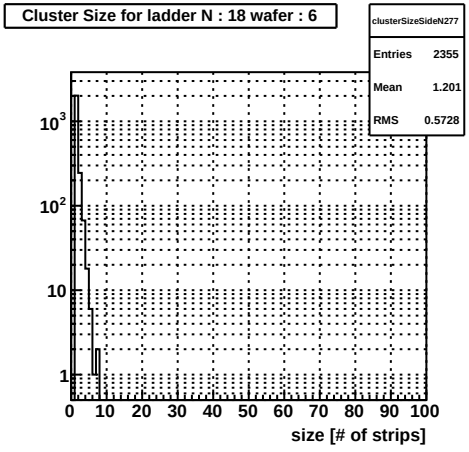

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6481
Mean 1.327
RMS 0.7859
size [# of strips]

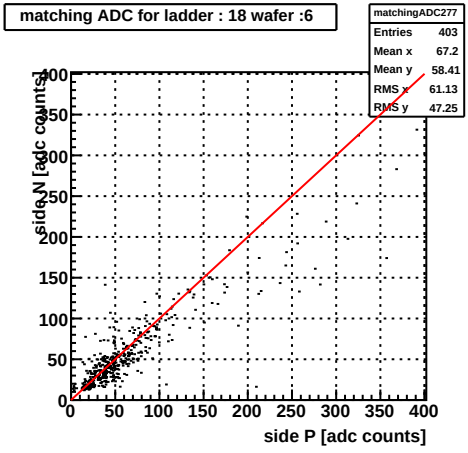

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 430
Mean x 67.32
Mean y 57.52
RMS x 70.32
RMS y 62.63
side N [adc counts]
side P [adc counts]

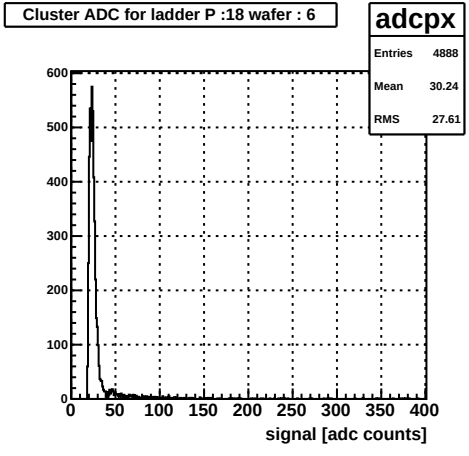

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5314
Mean 28.2
RMS 24.51
signal [adc counts]

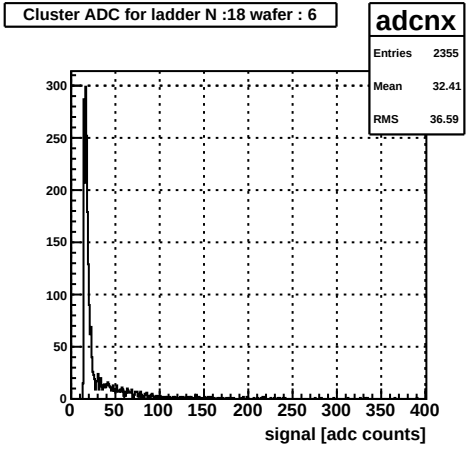

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6481
Mean 28.86
RMS 30.54
signal [adc counts]

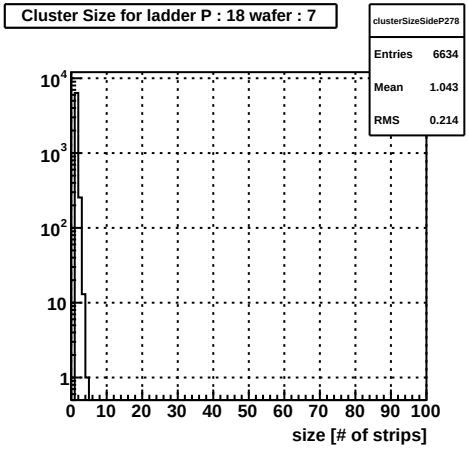

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4888
Mean 1.042
RMS 0.2438
size [# of strips]

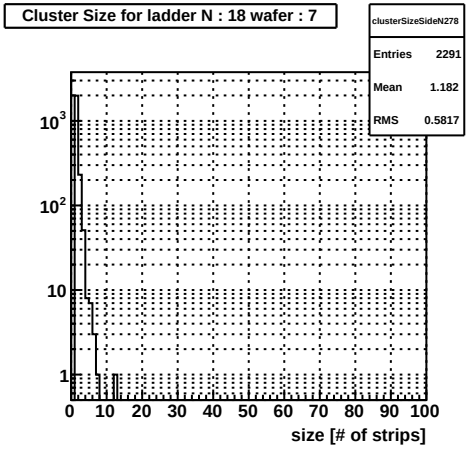

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2355
Mean 1.201
RMS 0.5728
size [# of strips]

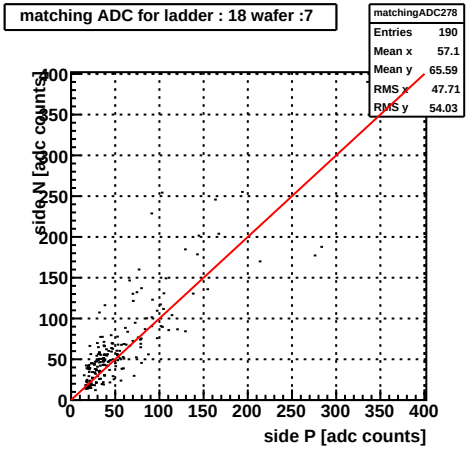

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 403
Mean x 67.2
Mean y 58.41
RMS x 61.13
RMS y 47.25
side N [adc counts]
side P [adc counts]

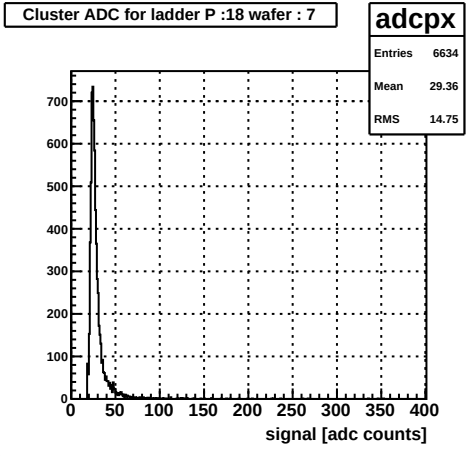

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4888
Mean 30.24
RMS 27.61
signal [adc counts]

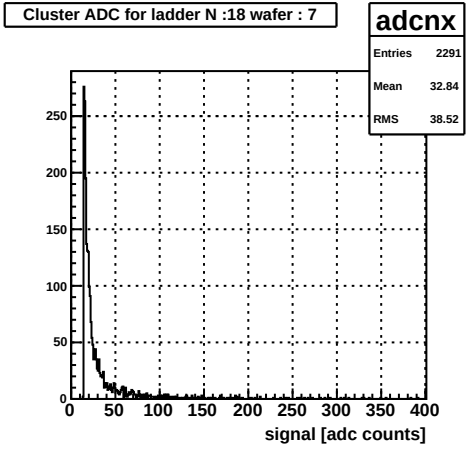

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2355
Mean 32.41
RMS 36.59
signal [adc counts]

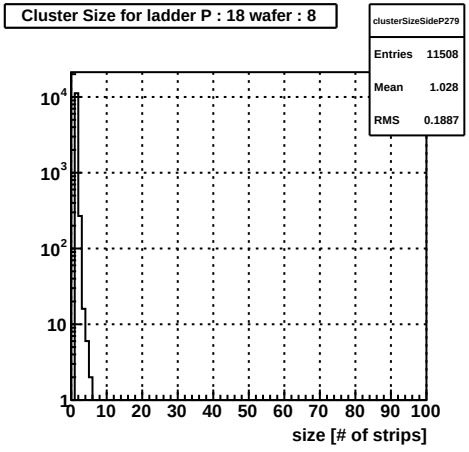

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6634
Mean 1.043
RMS 0.214
size [# of strips]

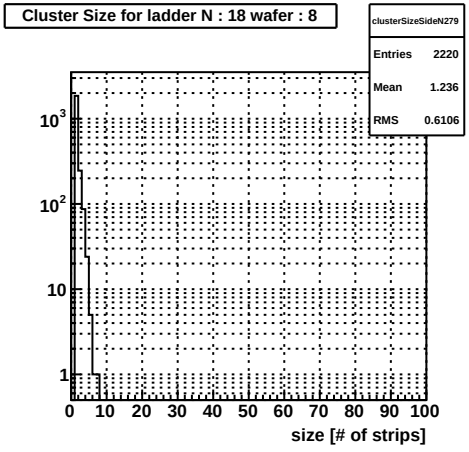

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2291
Mean 1.182
RMS 0.5817
size [# of strips]

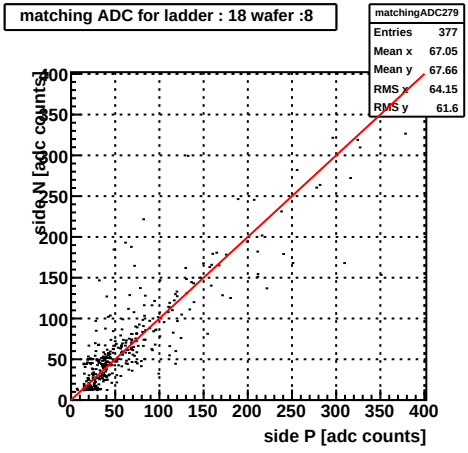

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 190
Mean x 57.1
Mean y 65.59
RMS x 47.71
RMS y 54.03
side N [adc counts]
side P [adc counts]

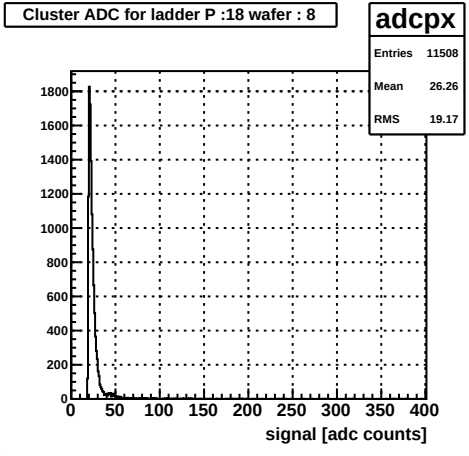

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6634
Mean 29.36
RMS 14.75
signal [adc counts]

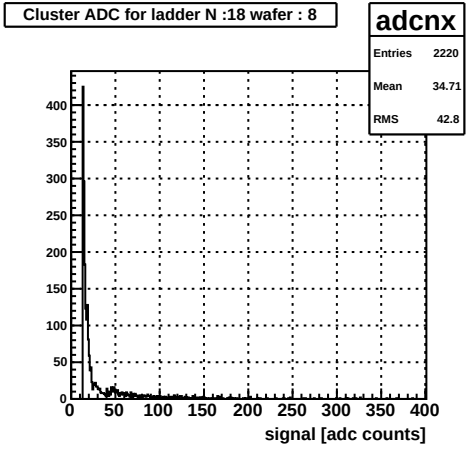

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2291
Mean 32.84
RMS 38.52
signal [adc counts]

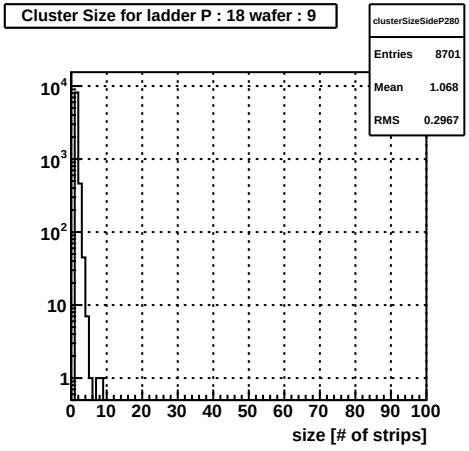

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11508
Mean 1.028
RMS 0.1887
size [# of strips]

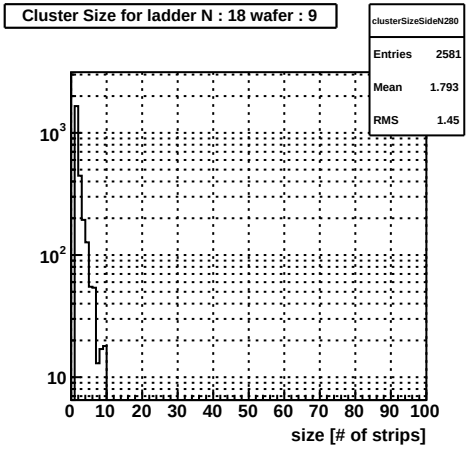

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2220
Mean 1.236
RMS 0.6106
size [# of strips]

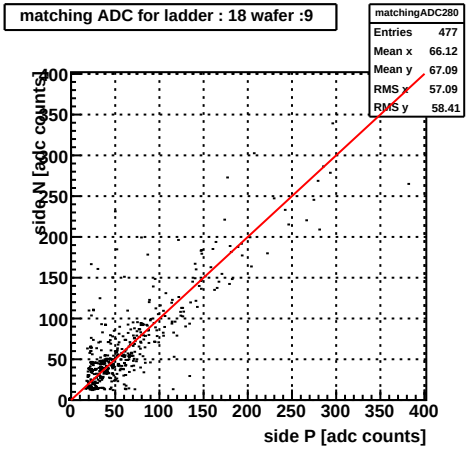

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 377
Mean x 67.05
Mean y 67.66
RMS x 64.15
RMS y 61.6
side N [adc counts]
side P [adc counts]

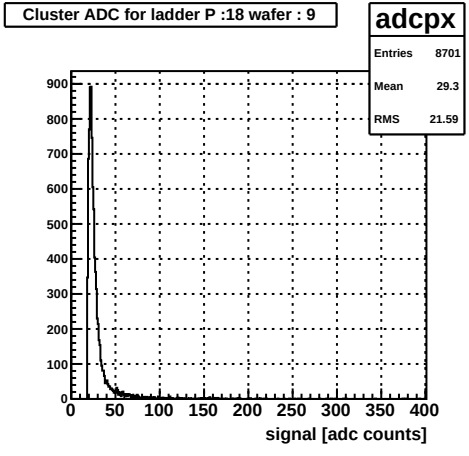

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11508
Mean 26.26
RMS 19.17
signal [adc counts]

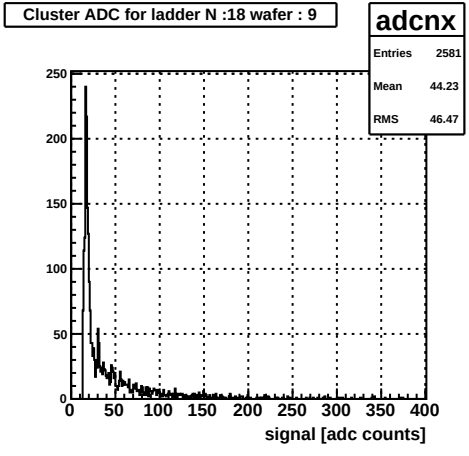

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2220
Mean 34.71
RMS 42.8
signal [adc counts]

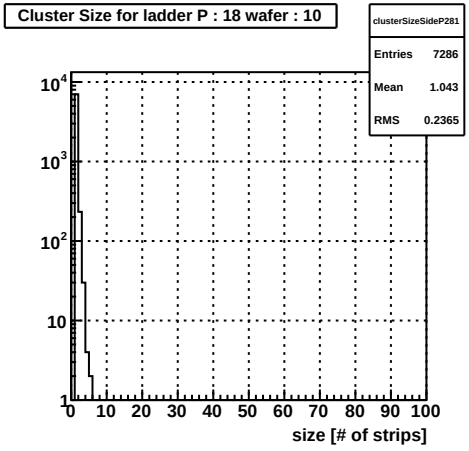

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 8701
Mean 1.068
RMS 0.2967
size [# of strips]

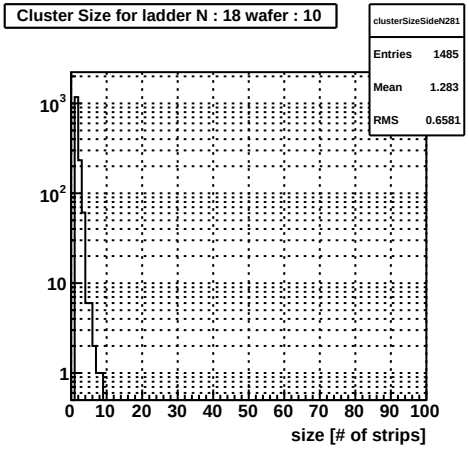

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2581
Mean 1.793
RMS 1.45
size [# of strips]

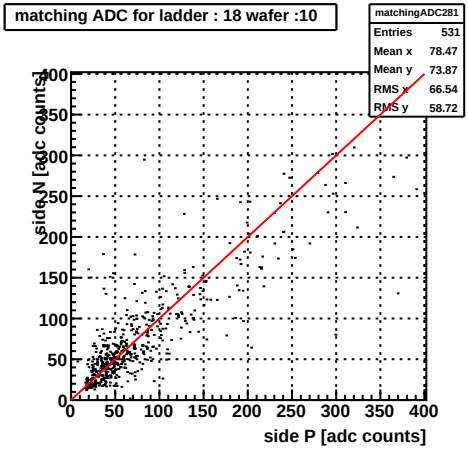

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 477
Mean x 66.12
Mean y 67.09
RMS x 57.09
RMS y 58.41
side N [adc counts]
side P [adc counts]

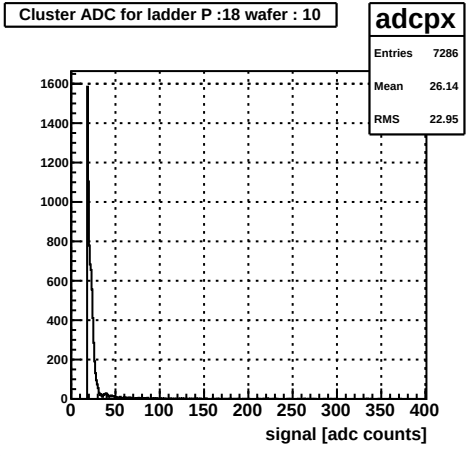

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 8701
Mean 29.3
RMS 21.59
signal [adc counts]

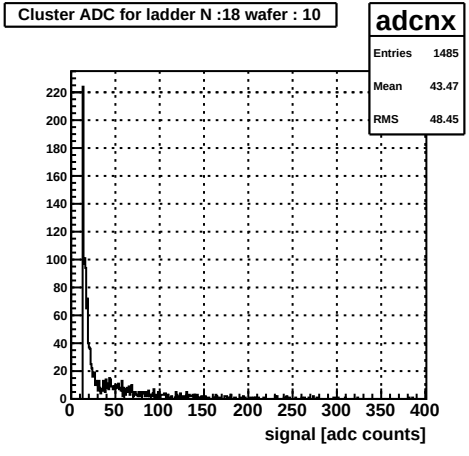

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2581
Mean 44.23
RMS 46.47
signal [adc counts]

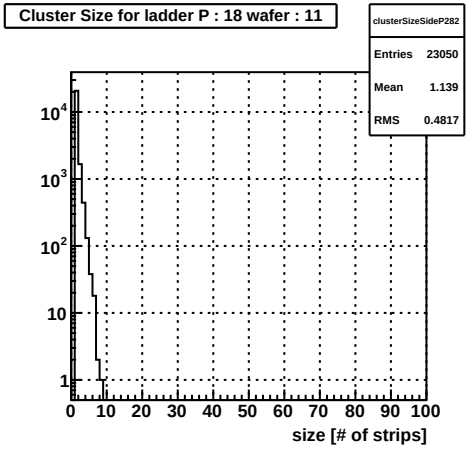

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7286
Mean 1.043
RMS 0.2365
size [# of strips]

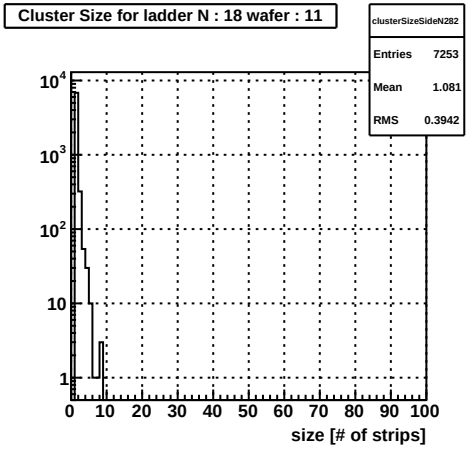

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1485
Mean 1.283
RMS 0.6581
size [# of strips]

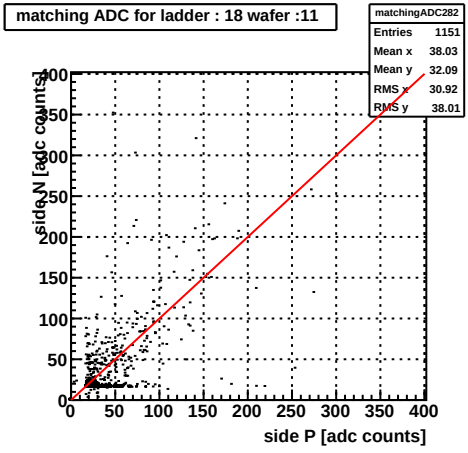

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 531
Mean x 78.47
Mean y 73.87
RMS x 66.54
RMS y 58.72
side N [adc counts]
side P [adc counts]

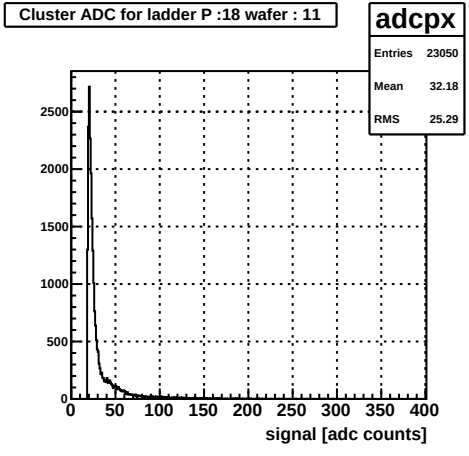

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7286
Mean 26.14
RMS 22.95
signal [adc counts]

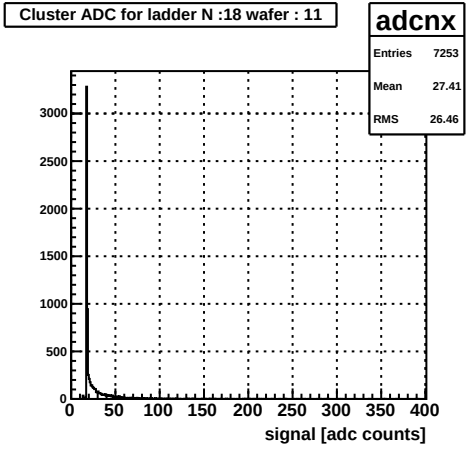

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1485
Mean 43.47
RMS 48.45
signal [adc counts]

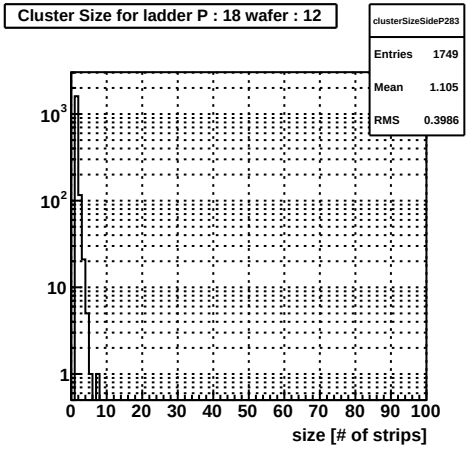

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23050
Mean 1.139
RMS 0.4817
size [# of strips]

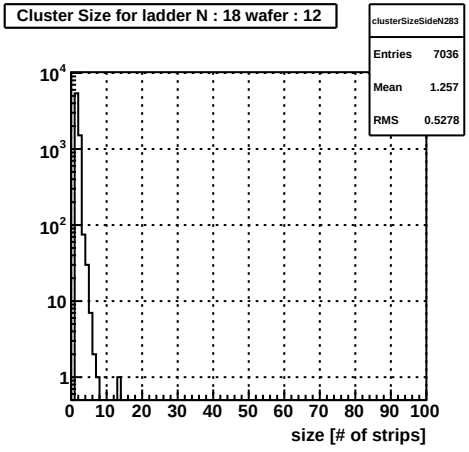

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7253
Mean 1.081
RMS 0.3942
size [# of strips]

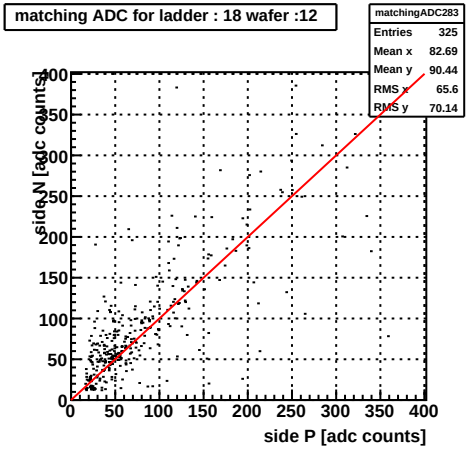

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1151
Mean x 38.03
Mean y 32.09
RMS x 30.92
RMS y 38.01
side N [adc counts]
side P [adc counts]

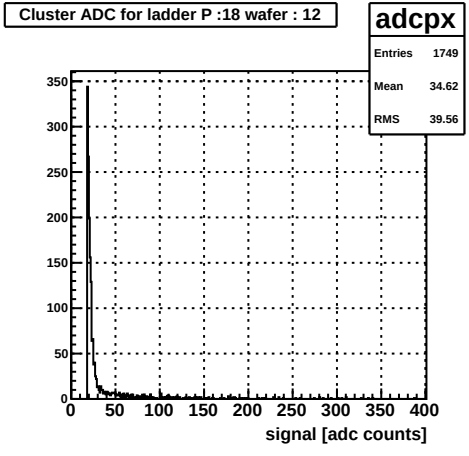

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23050
Mean 32.18
RMS 25.29
signal [adc counts]

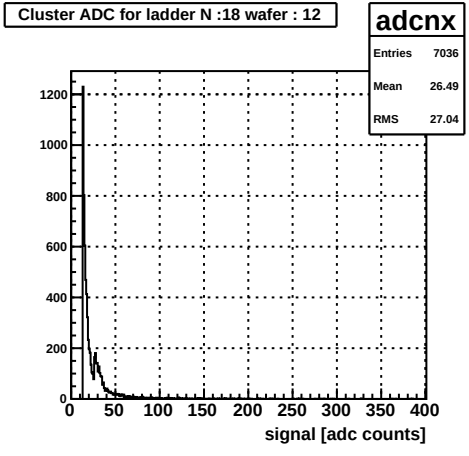

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7253
Mean 27.41
RMS 26.46
signal [adc counts]

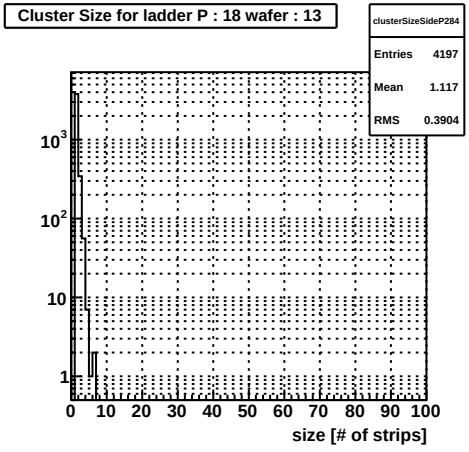

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1749
Mean 1.105
RMS 0.3986
size [# of strips]

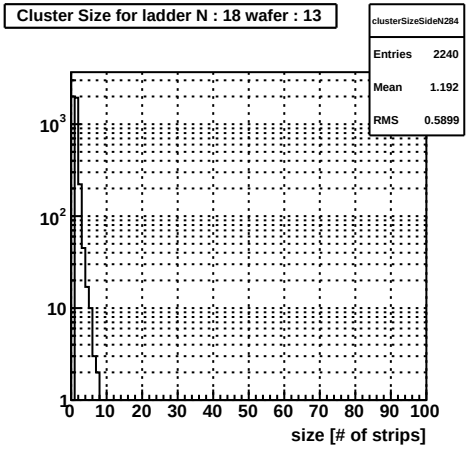

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7036
Mean 1.257
RMS 0.5278
size [# of strips]

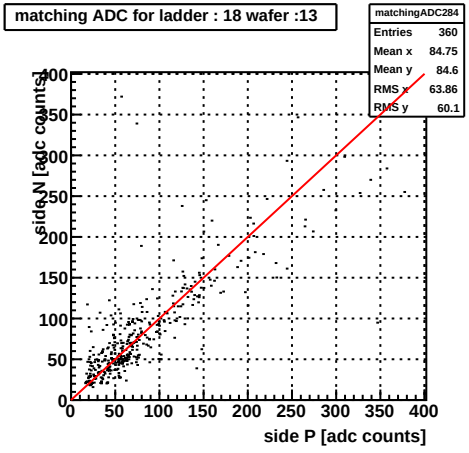

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 325
Mean x 82.69
Mean y 90.44
RMS x 65.6
RMS y 70.14
side N [adc counts]
side P [adc counts]

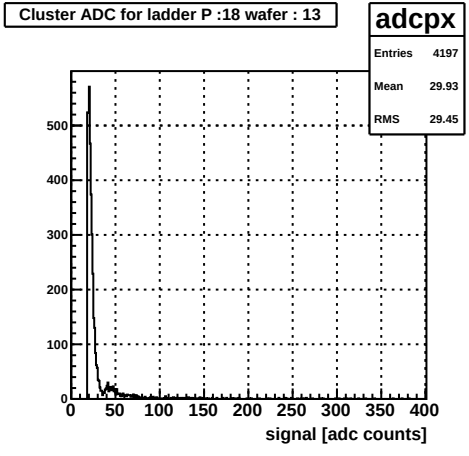

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1749
Mean 34.62
RMS 39.56
signal [adc counts]

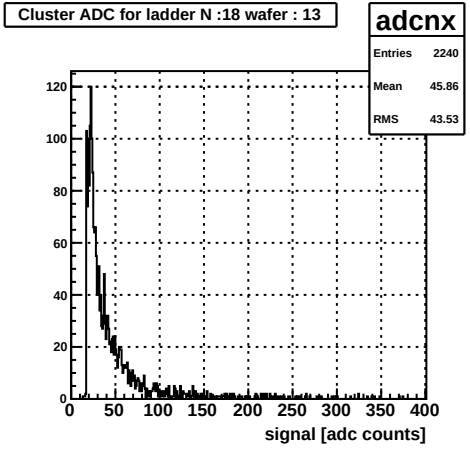

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7036
Mean 26.49
RMS 27.04
signal [adc counts]

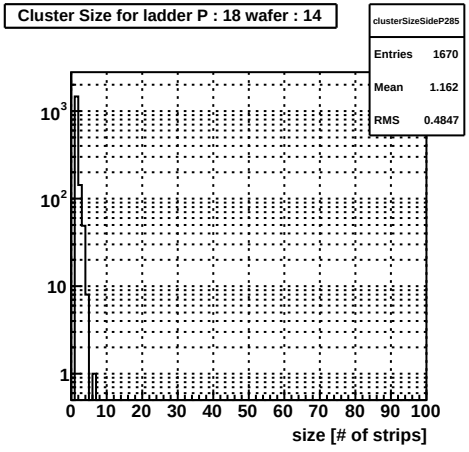

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4197
Mean 1.117
RMS 0.3904
size [# of strips]

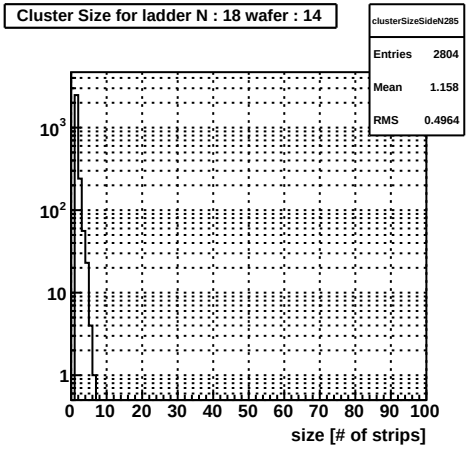

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2240
Mean 1.192
RMS 0.5899
size [# of strips]

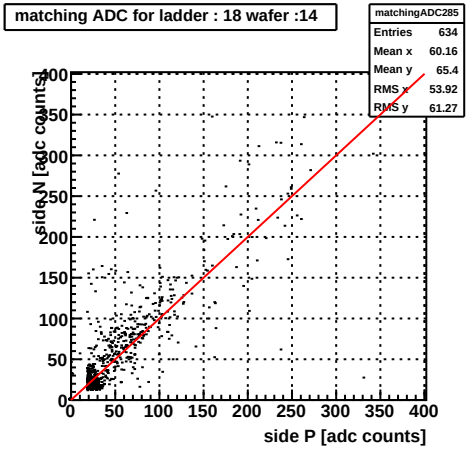

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 360
Mean x 84.75
Mean y 84.6
RMS x 63.86
RMS y 60.1
side N [adc counts]
side P [adc counts]

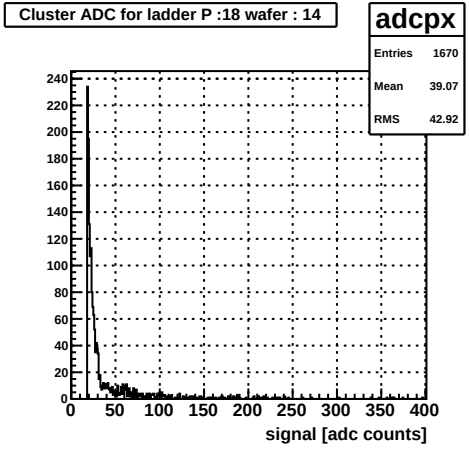

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4197
Mean 29.93
RMS 29.45
signal [adc counts]

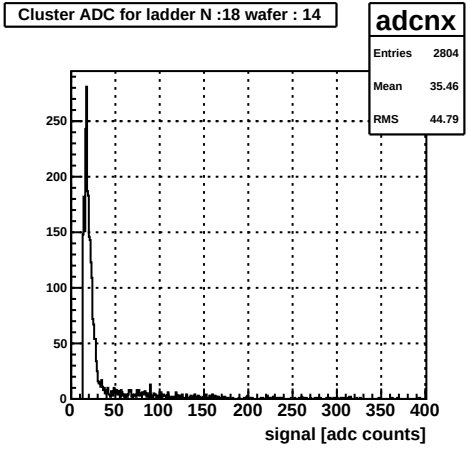

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2240
Mean 45.86
RMS 43.53
signal [adc counts]

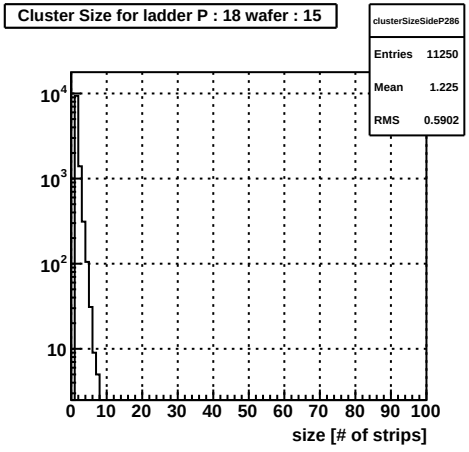

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1670
Mean 1.162
RMS 0.4847
size [# of strips]

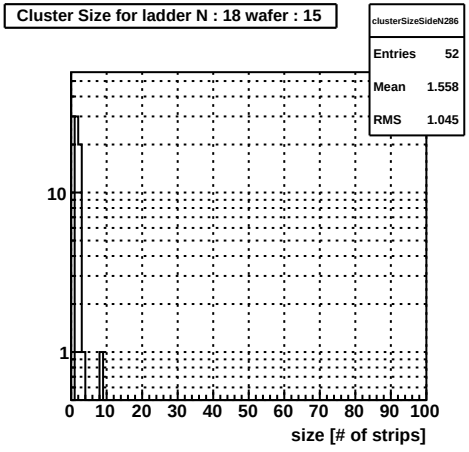

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2804
Mean 1.158
RMS 0.4964
size [# of strips]

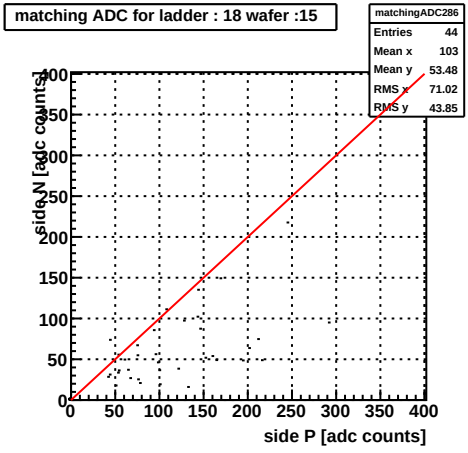

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 634
Mean x 60.16
Mean y 65.4
RMS x 53.92
RMS y 61.27
side N [adc counts]
side P [adc counts]

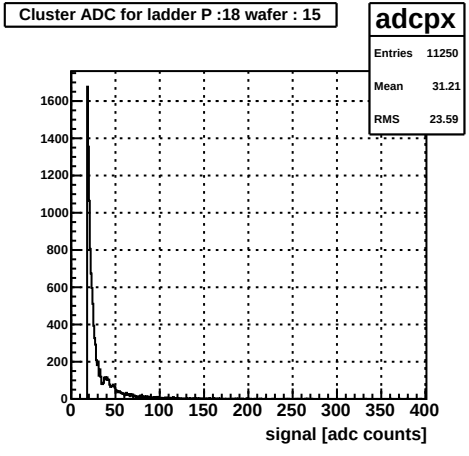

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1670
Mean 39.07
RMS 42.92
signal [adc counts]

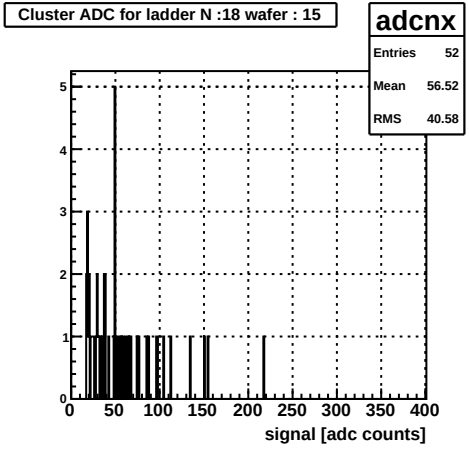

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2804
Mean 35.46
RMS 44.79
signal [adc counts]

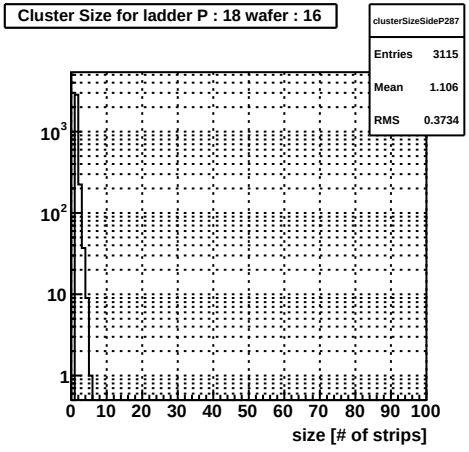

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 11250
Mean 1.225
RMS 0.5902
size [# of strips]

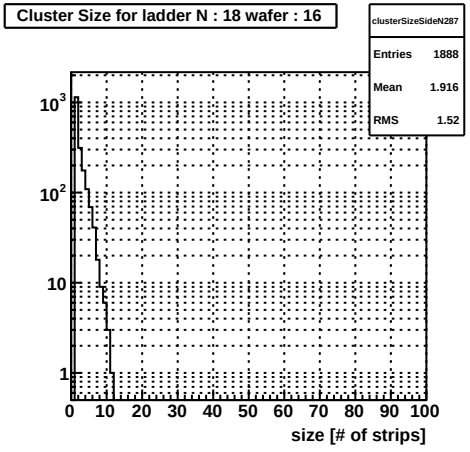

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 52
Mean 1.558
RMS 1.045
size [# of strips]

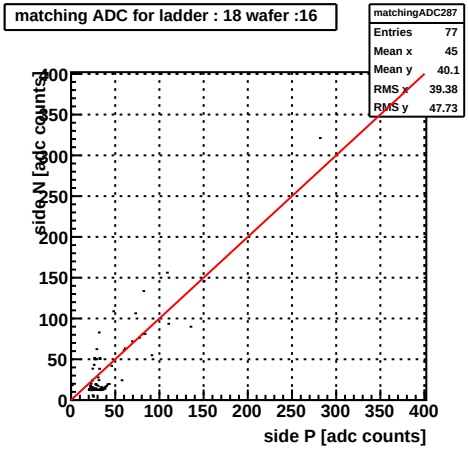

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 44
Mean x 103
Mean y 53.48
RMS x 71.02
RMS y 43.85
side N [adc counts]
side P [adc counts]

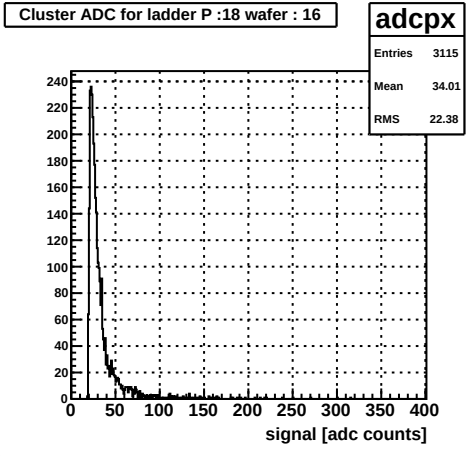

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 11250
Mean 31.21
RMS 23.59
signal [adc counts]

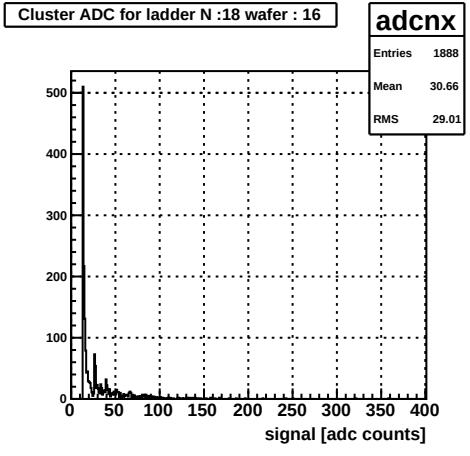

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 52
Mean 56.52
RMS 40.58
signal [adc counts]

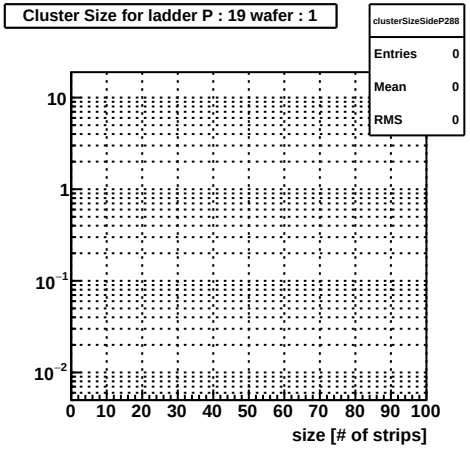

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3115
Mean 1.106
RMS 0.3734
size [# of strips]

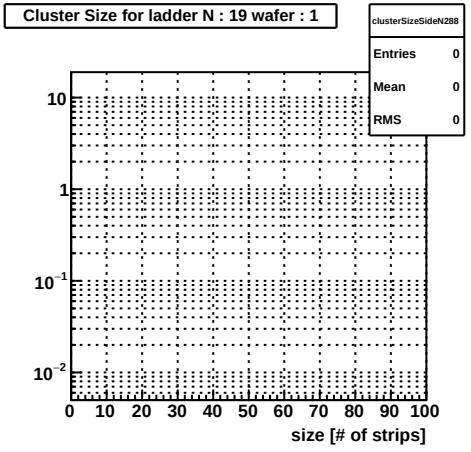

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1888
Mean 1.916
RMS 1.52
size [# of strips]

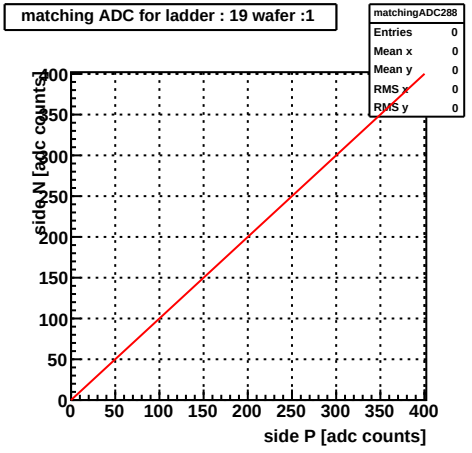

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 77
Mean x 45
Mean y 40.1
RMS x 39.38
RMS y 47.73
side N [adc counts]
side P [adc counts]

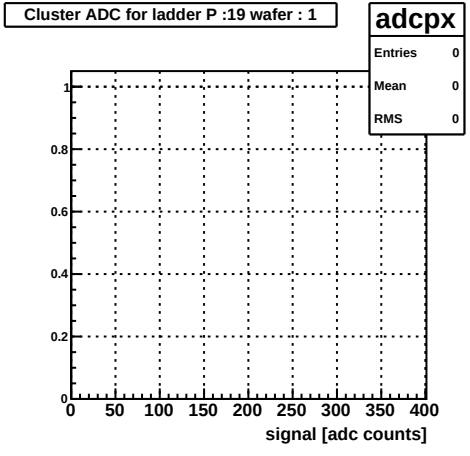

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3115
Mean 34.01
RMS 22.38
signal [adc counts]

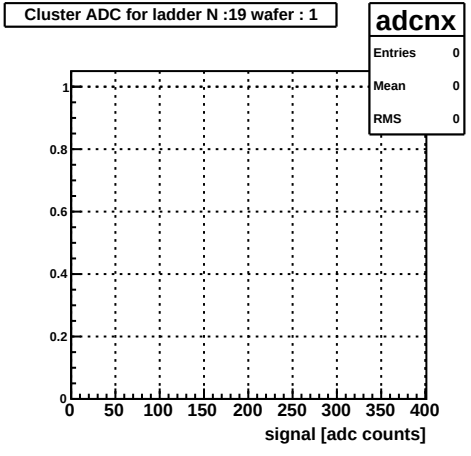

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1888
Mean 30.66
RMS 29.01
signal [adc counts]

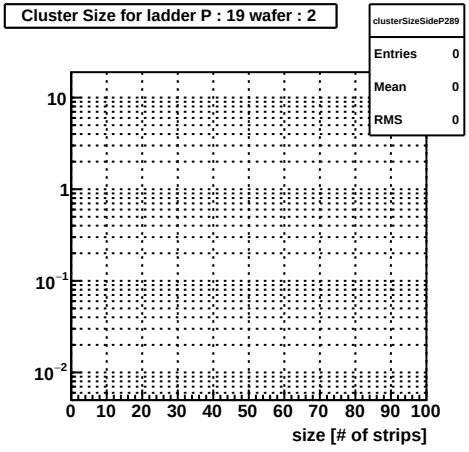

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

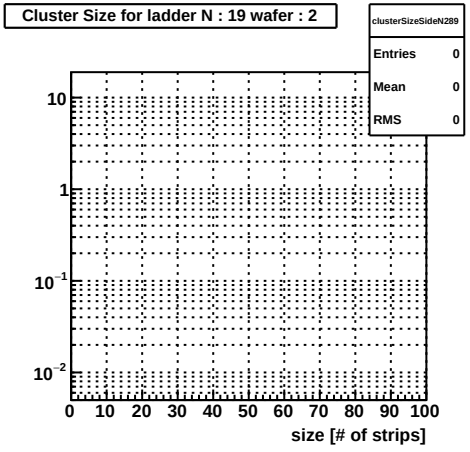

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

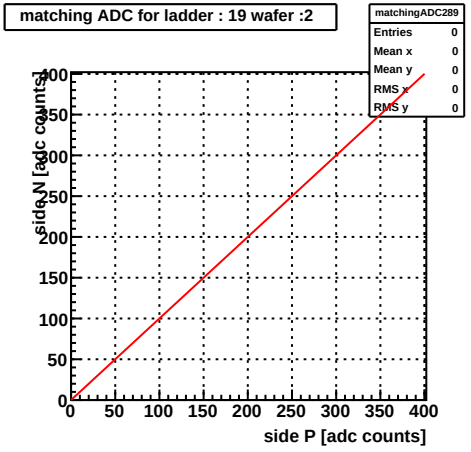

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

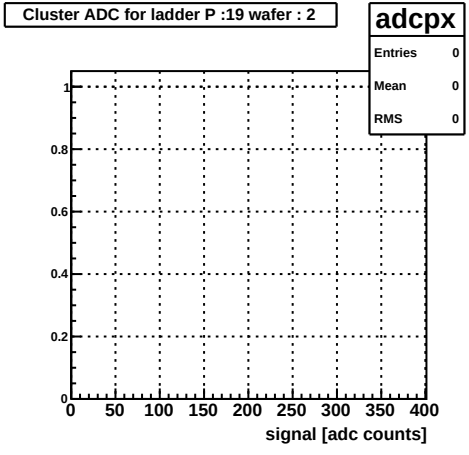

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

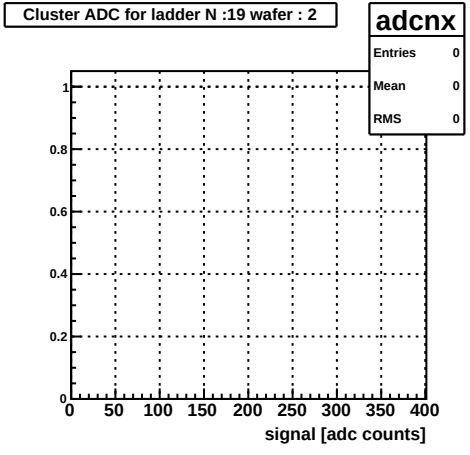

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

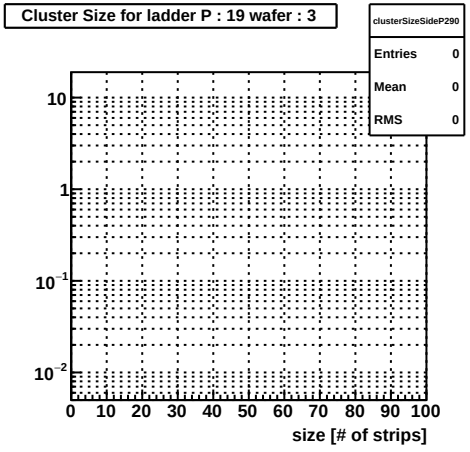

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

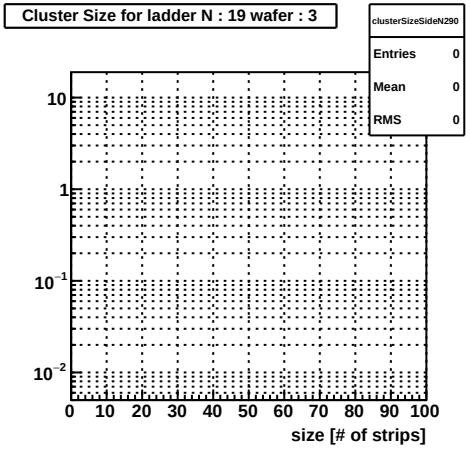

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

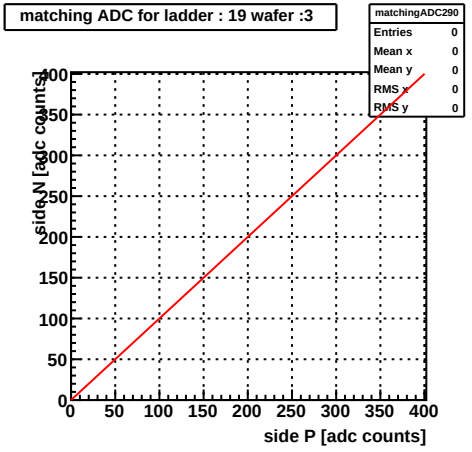

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

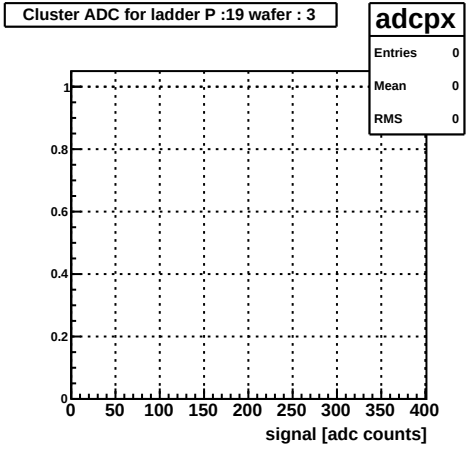

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

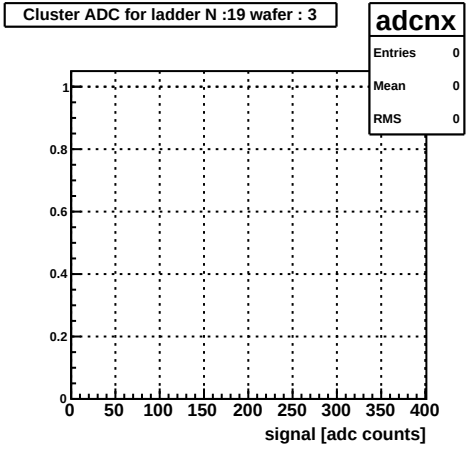

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

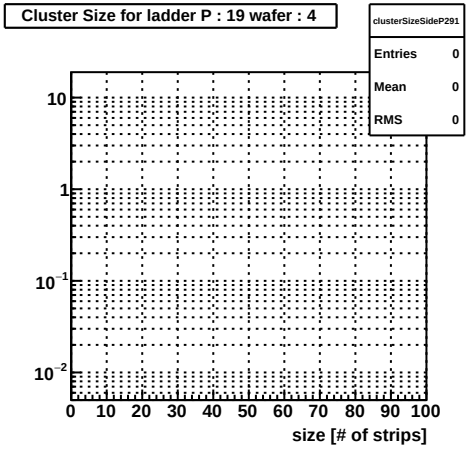

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

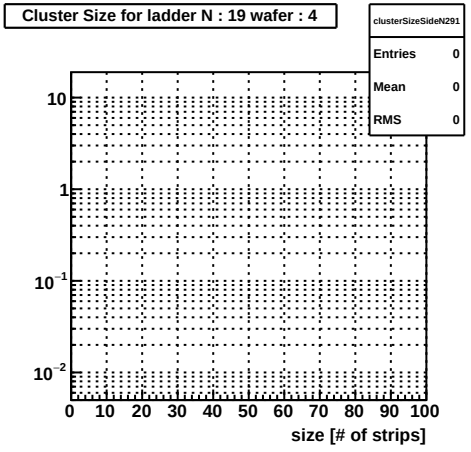

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

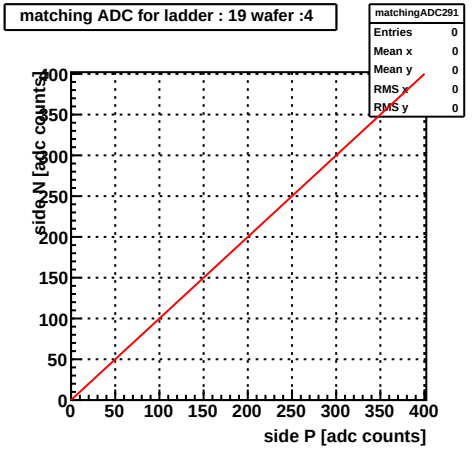

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

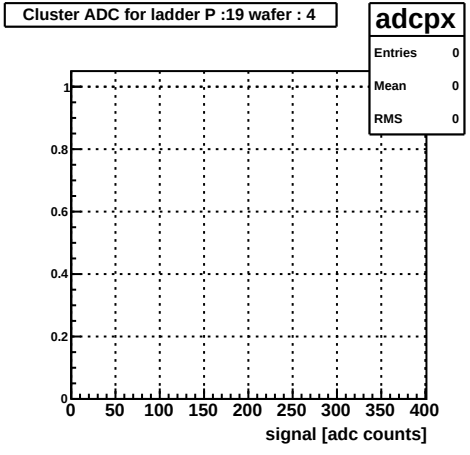

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

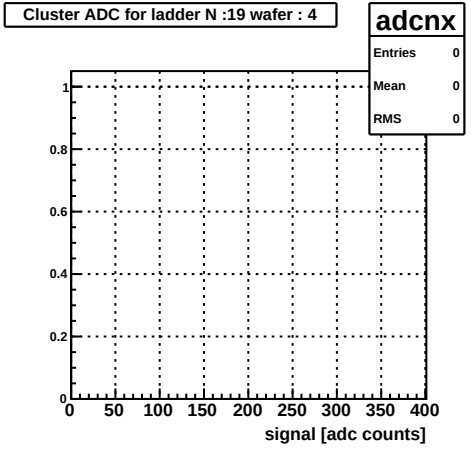

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

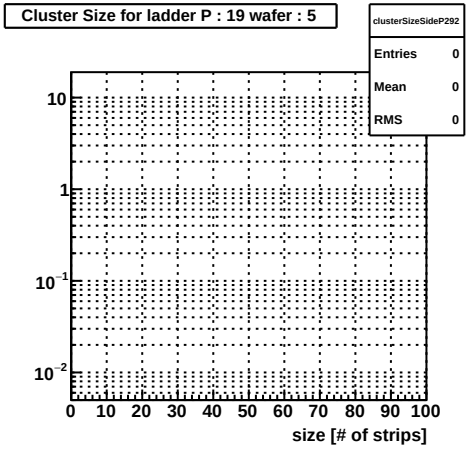

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

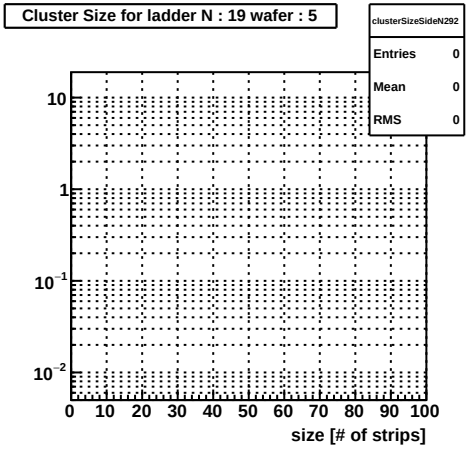

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

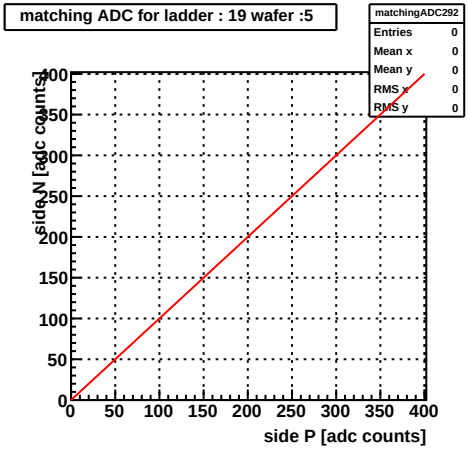

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

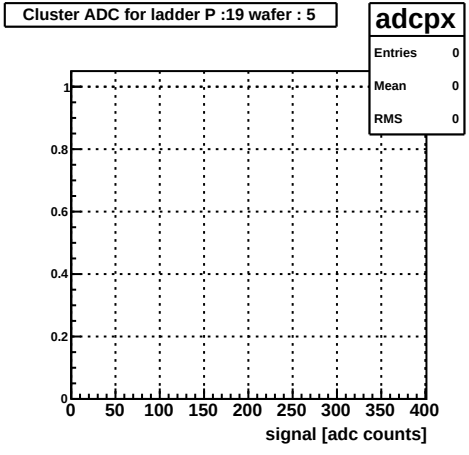

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

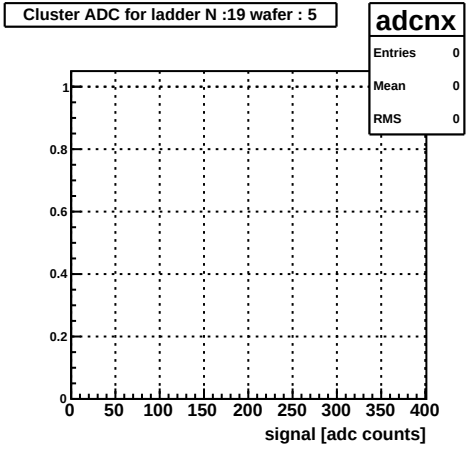

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

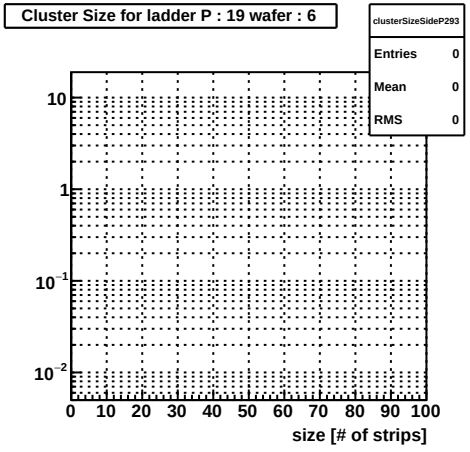

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

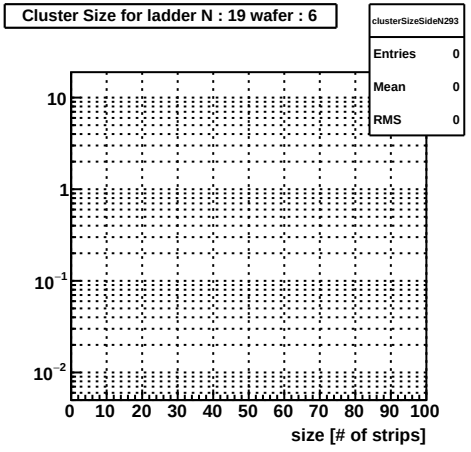

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

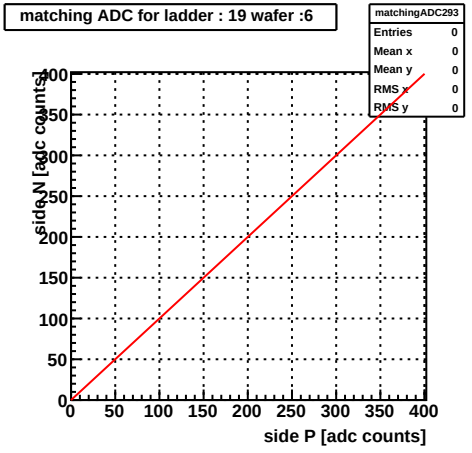

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

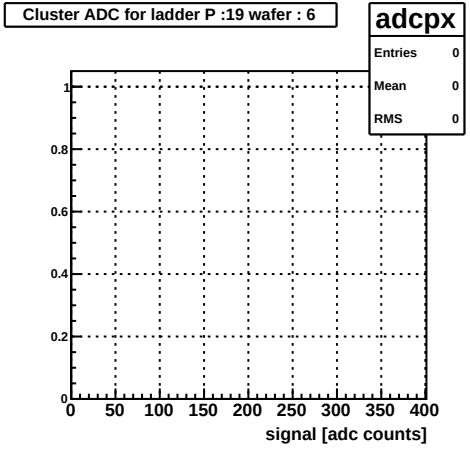

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

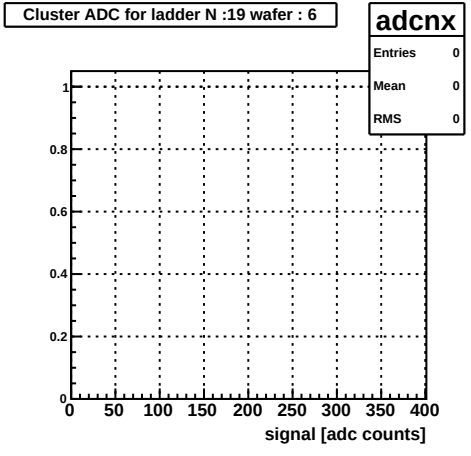

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

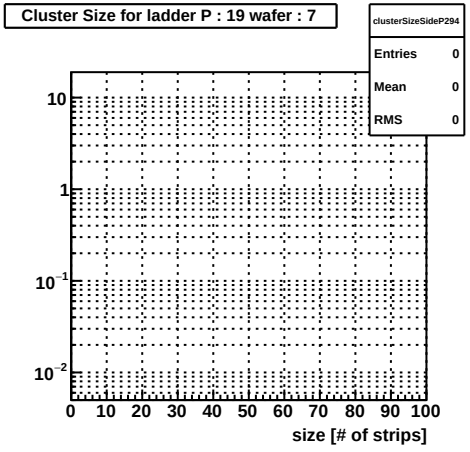

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

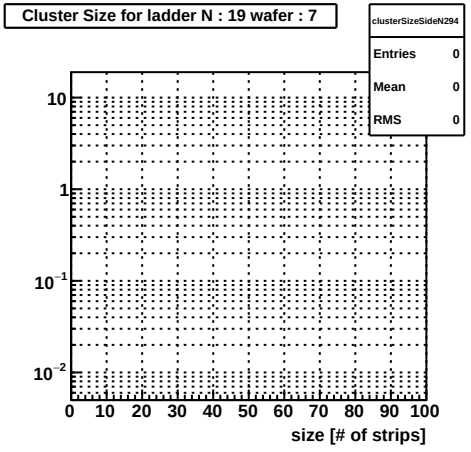

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

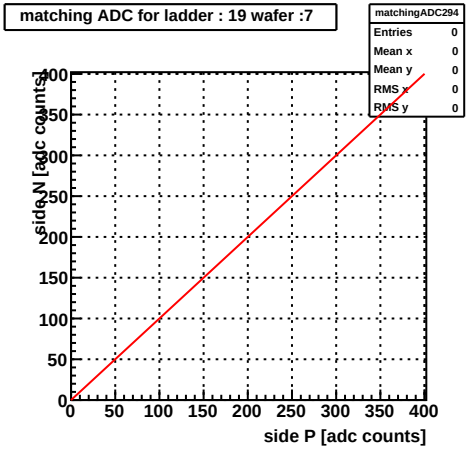

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

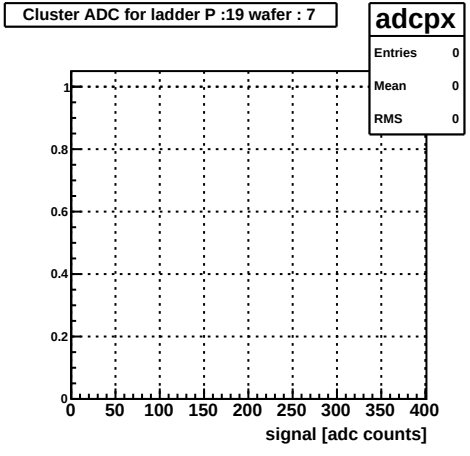

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

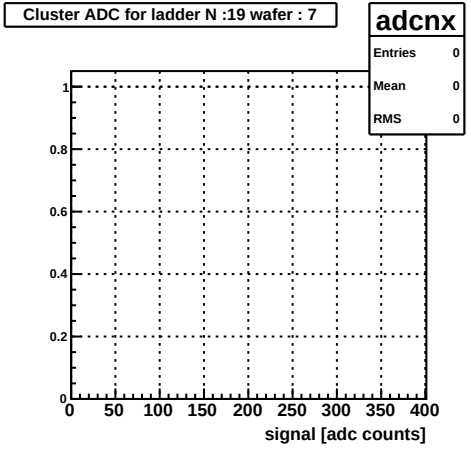

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

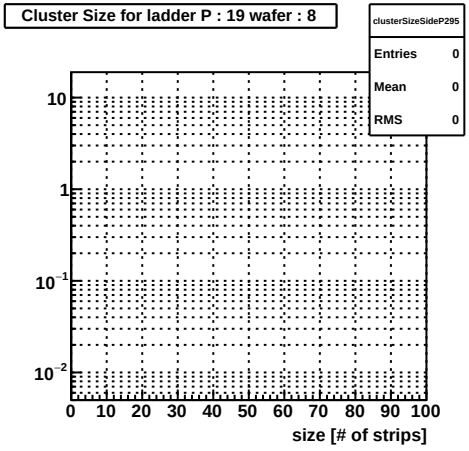

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

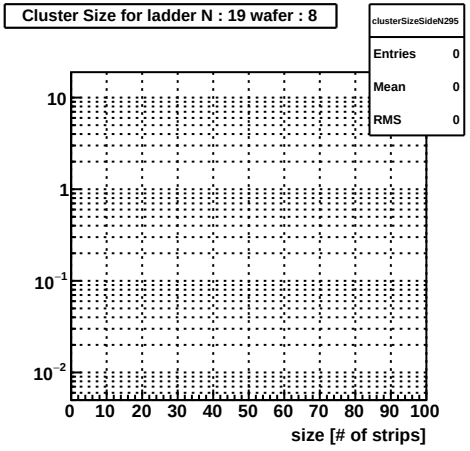

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

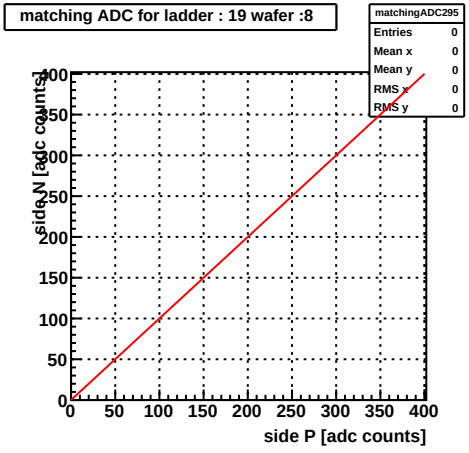

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

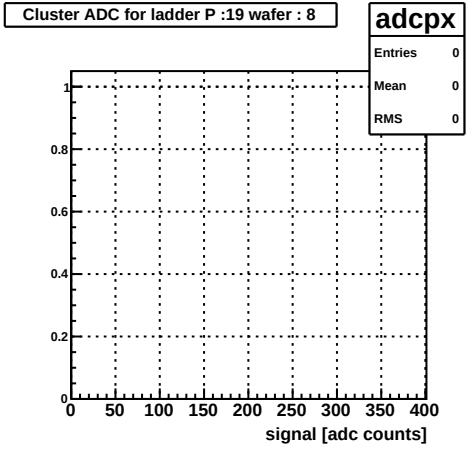

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

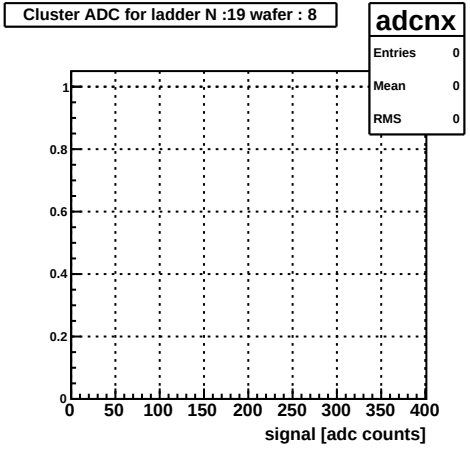

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

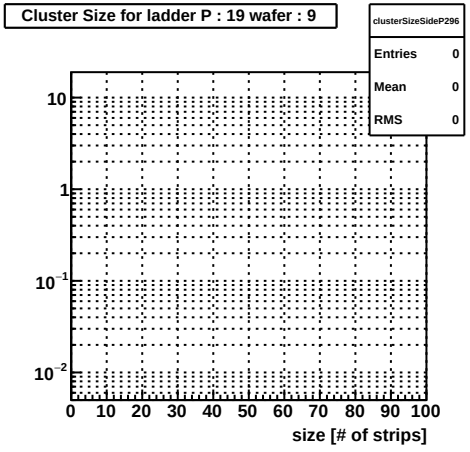

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

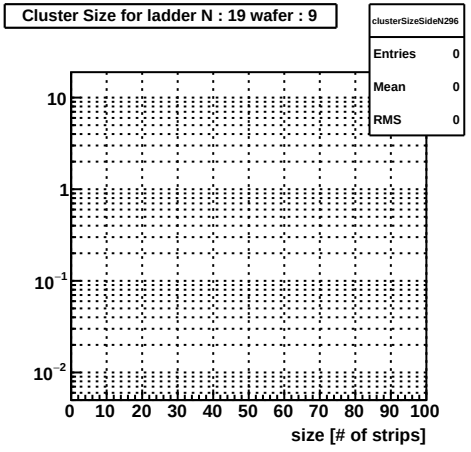

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

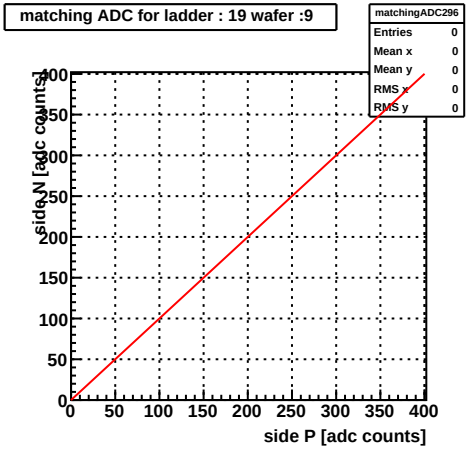

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

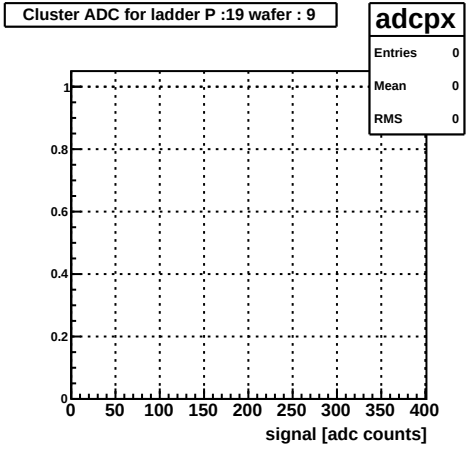

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

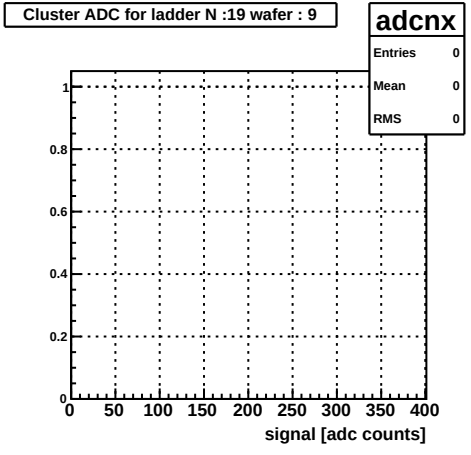

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

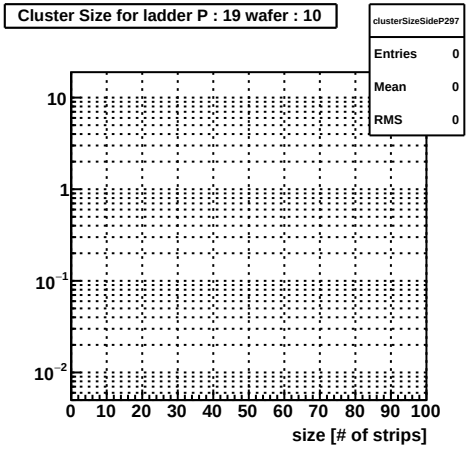

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

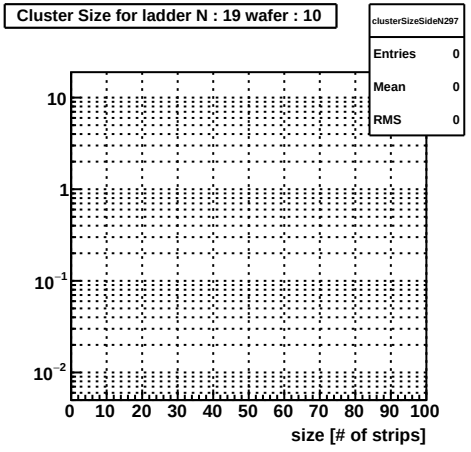

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

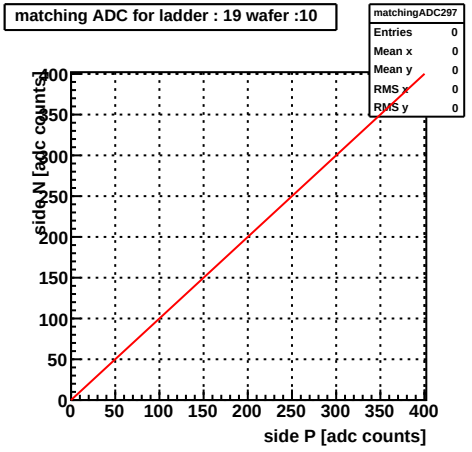

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

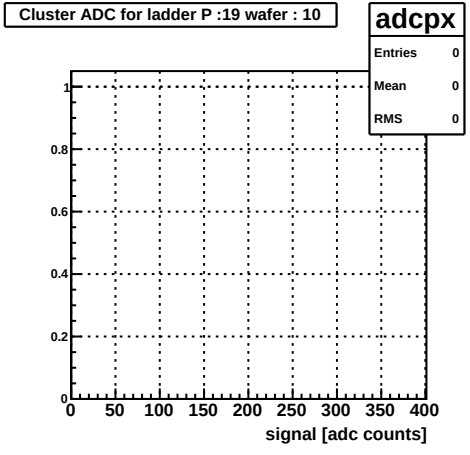

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

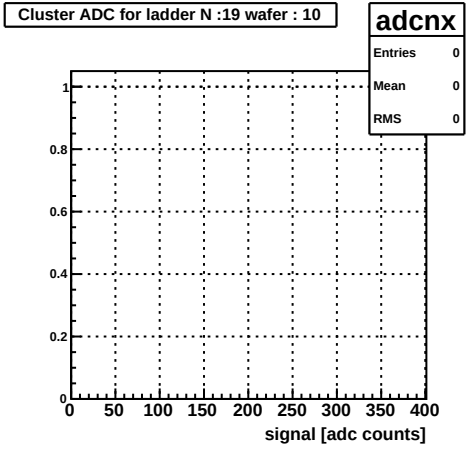

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

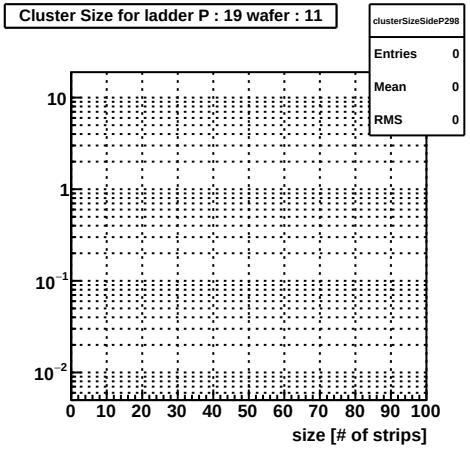

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

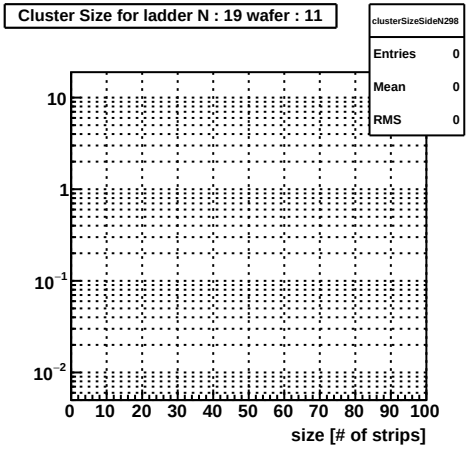

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

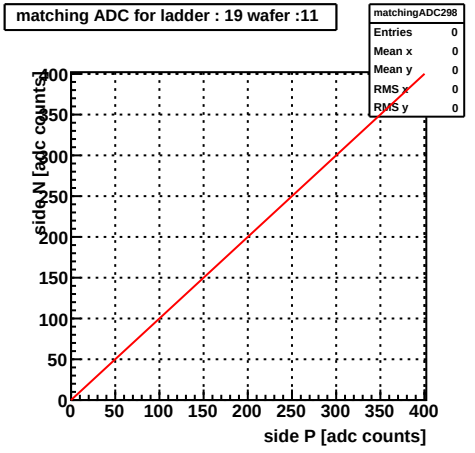

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

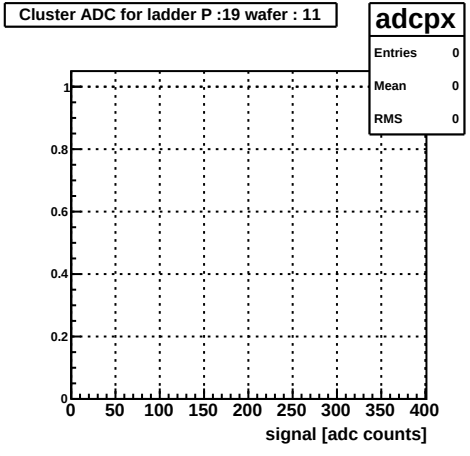

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

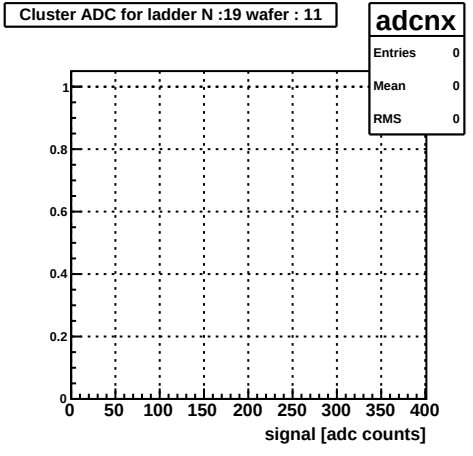

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

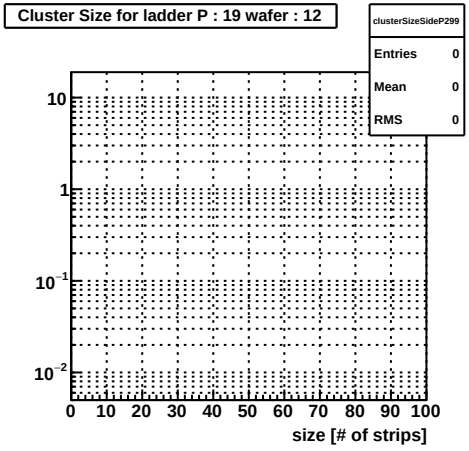

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

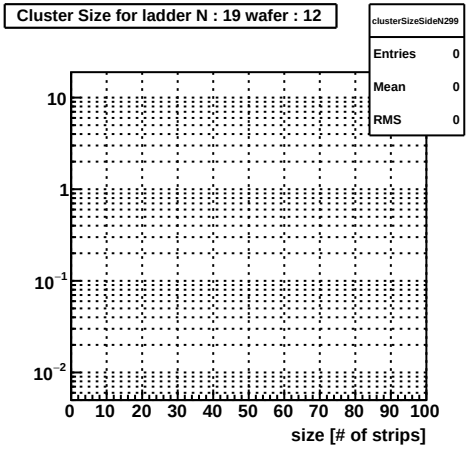

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

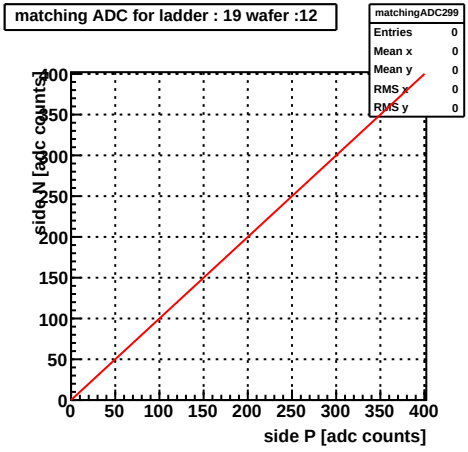

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

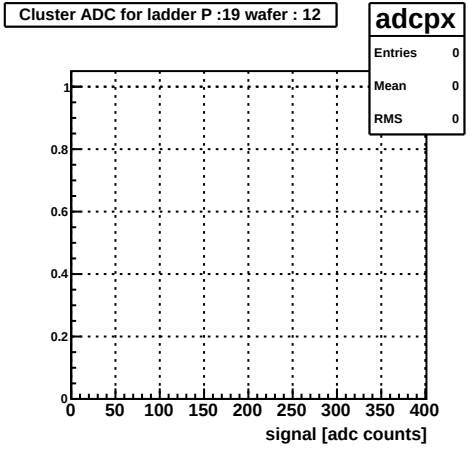

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

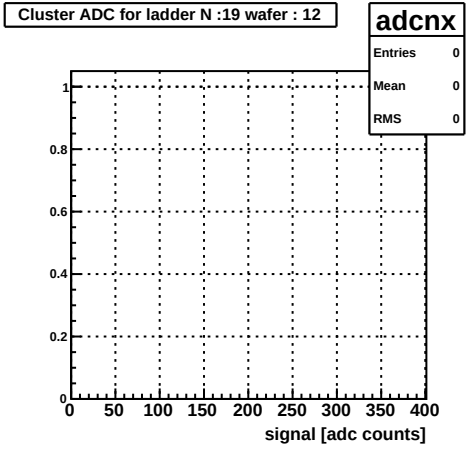

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

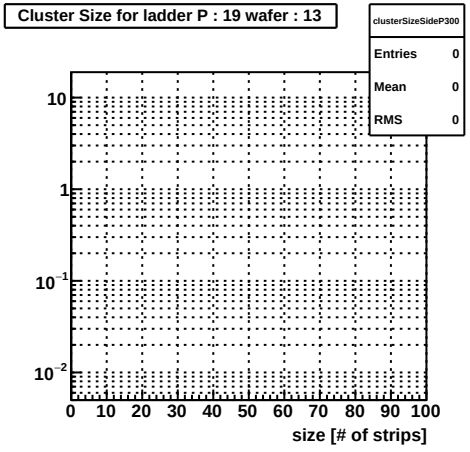

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

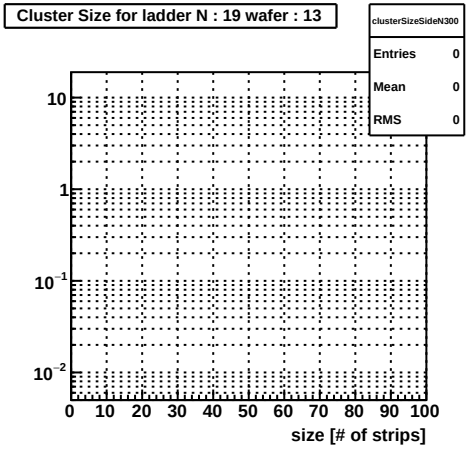

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

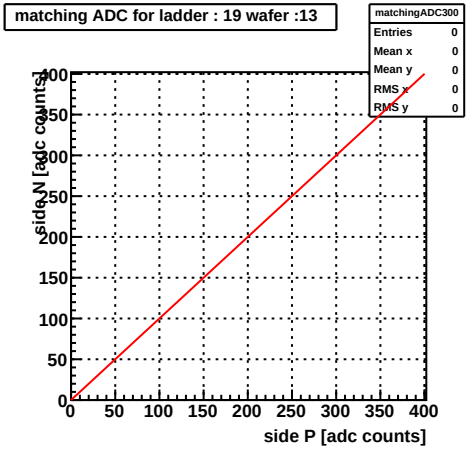

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

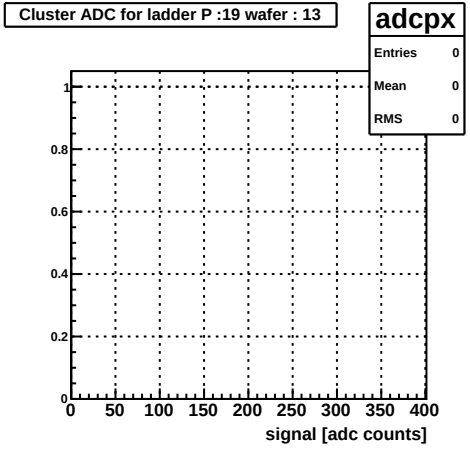

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

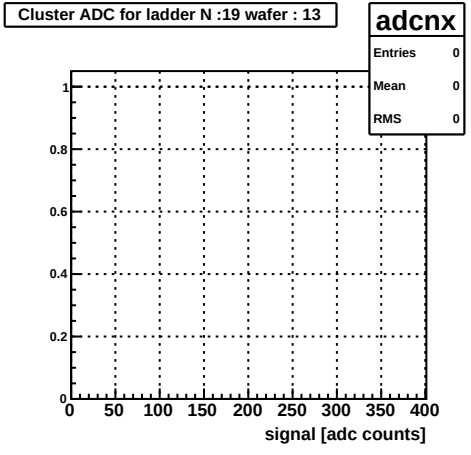

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

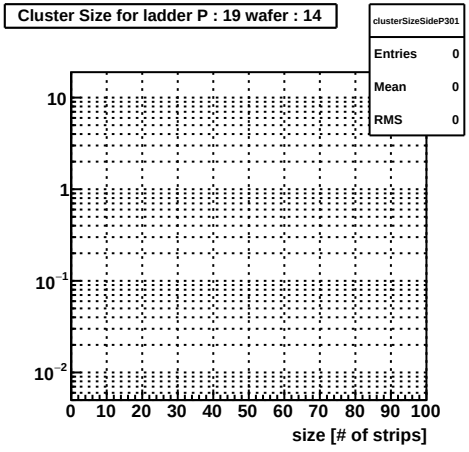

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

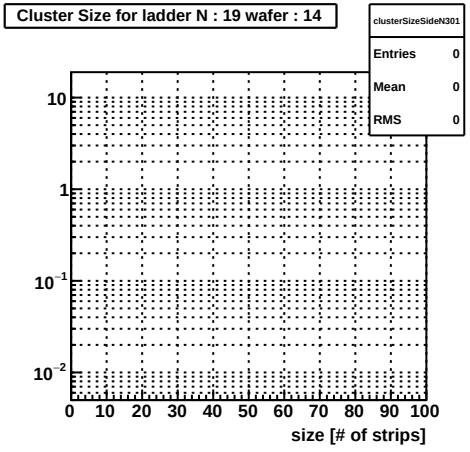

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

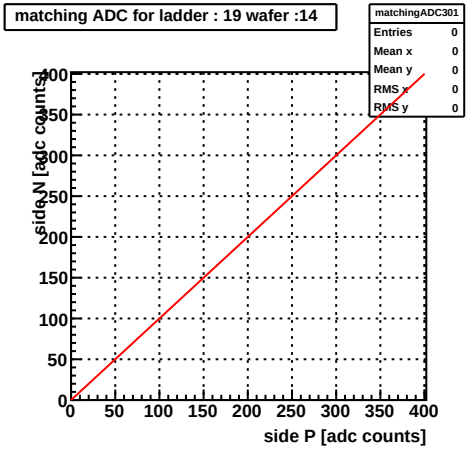

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

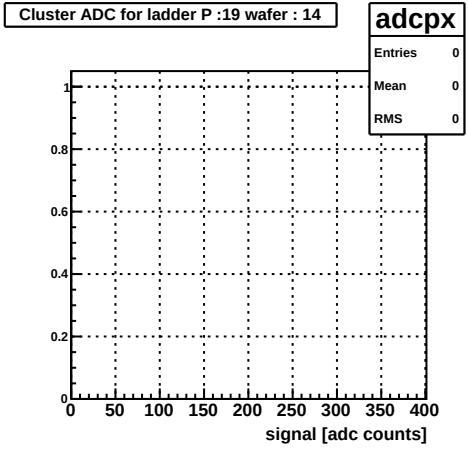

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

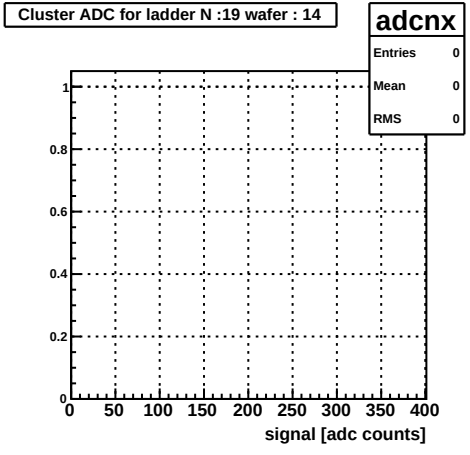

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

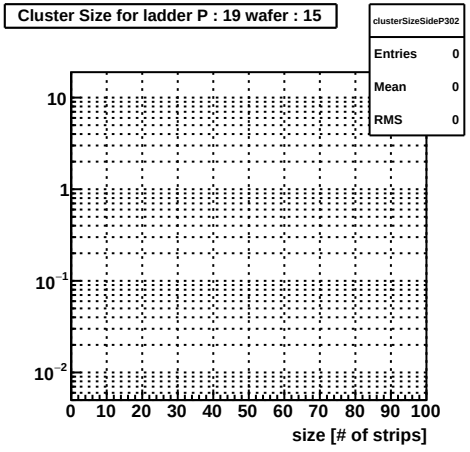

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

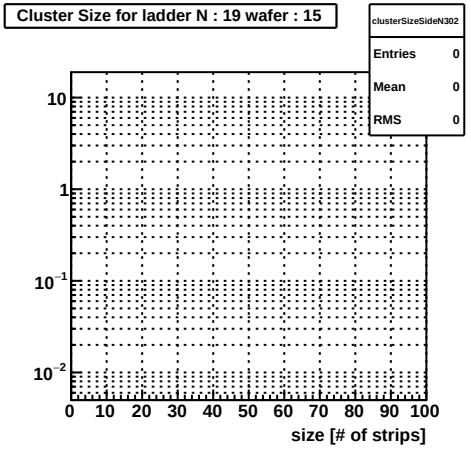

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

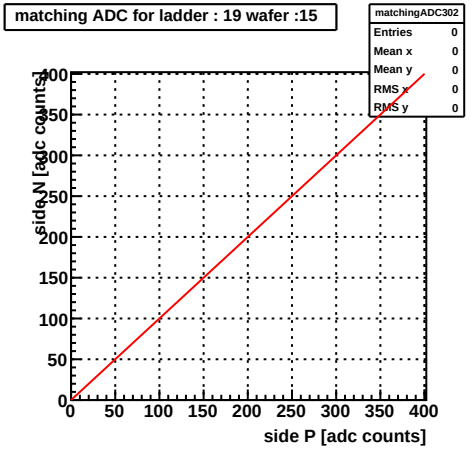

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

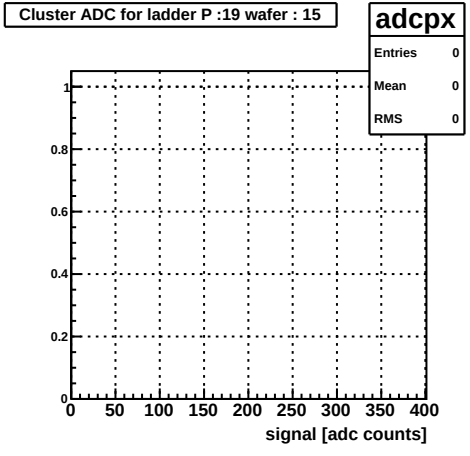

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

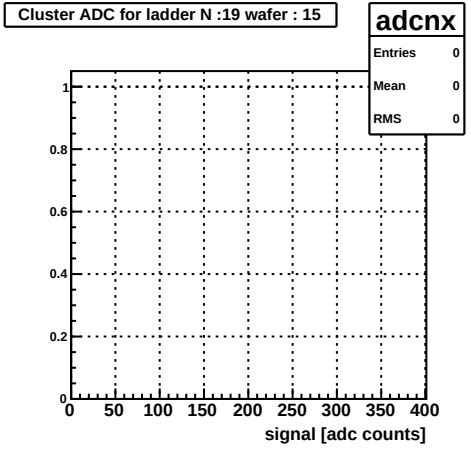

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

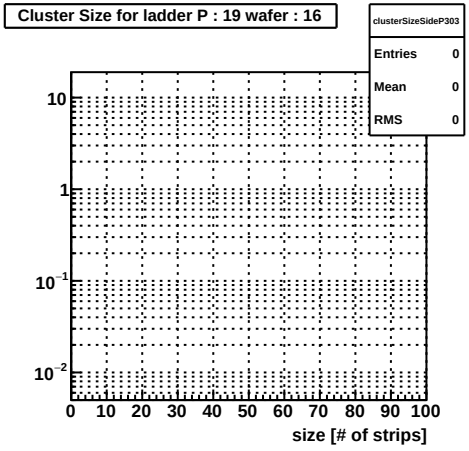

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

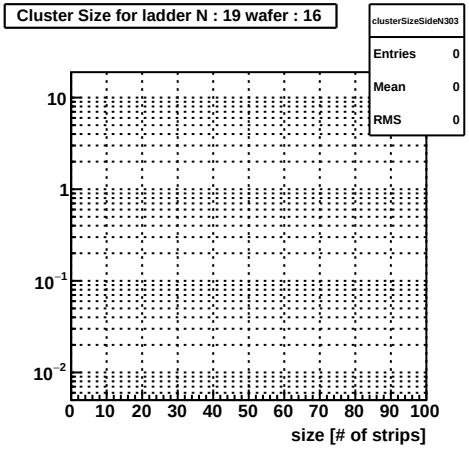

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

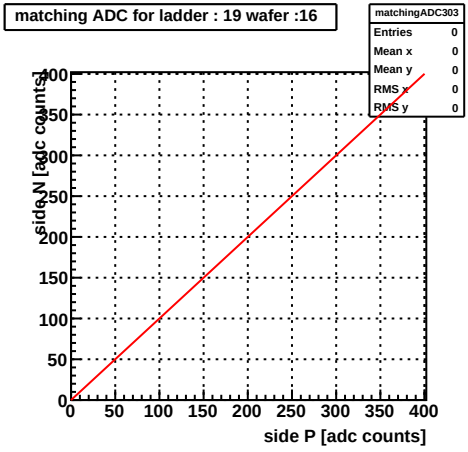

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

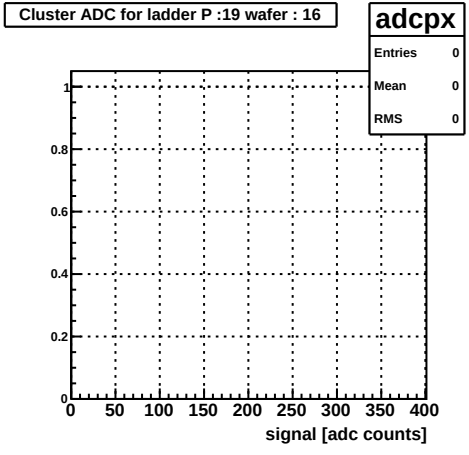

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

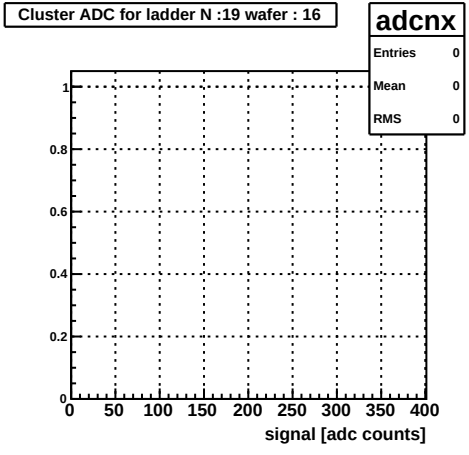

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

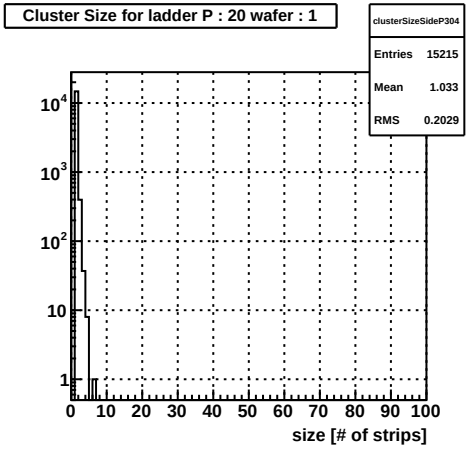

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

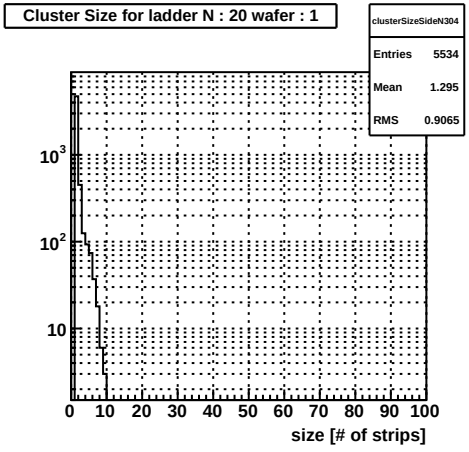

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

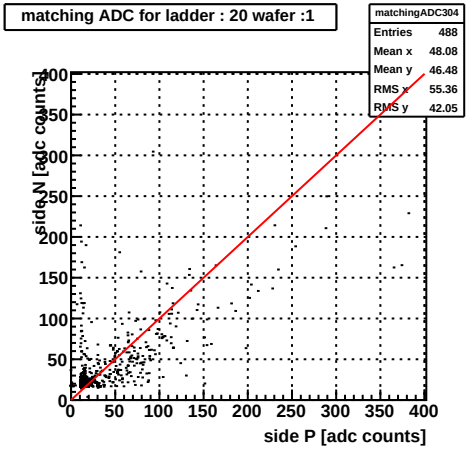

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

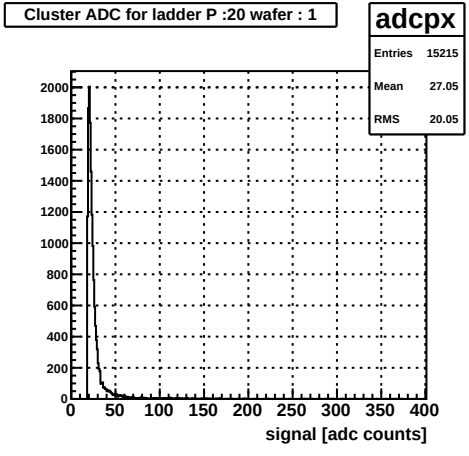

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

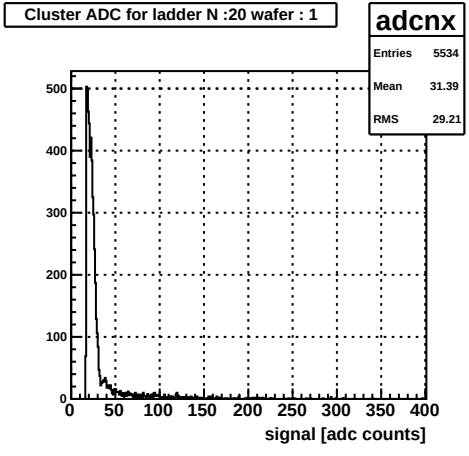

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

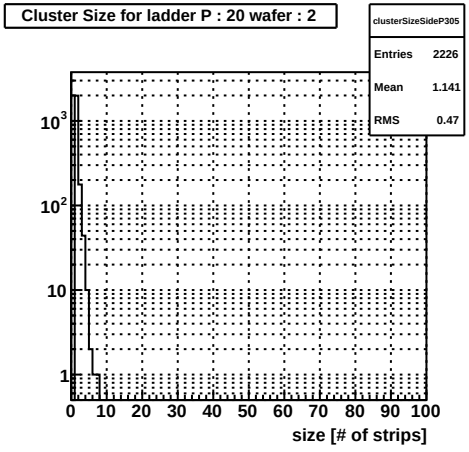

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15215
Mean 1.033
RMS 0.2029
size [# of strips]

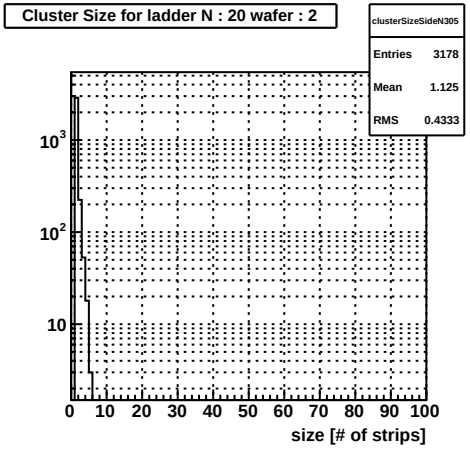

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5534
Mean 1.295
RMS 0.9065
size [# of strips]

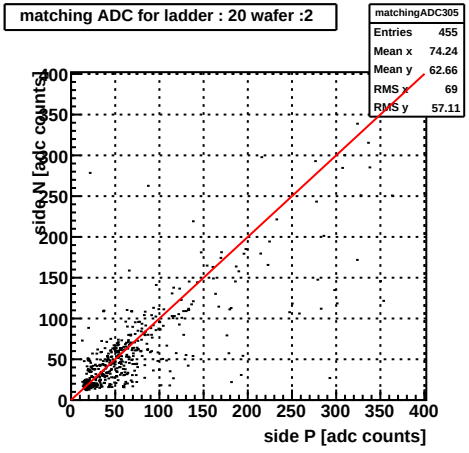

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 488
Mean x 48.08
Mean y 46.48
RMS x 55.36
RMS y 42.05
side N [adc counts]
side P [adc counts]

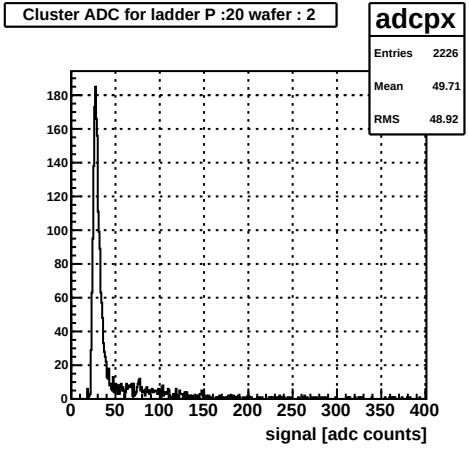

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15215
Mean 27.05
RMS 20.05
signal [adc counts]

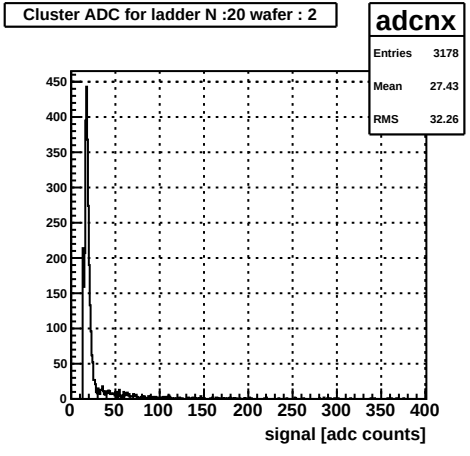

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5534
Mean 31.39
RMS 29.21
signal [adc counts]

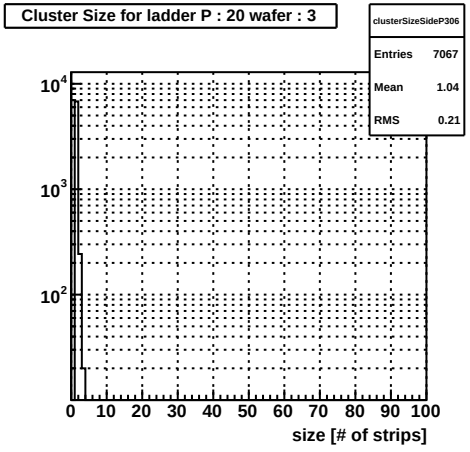

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2226
Mean 1.141
RMS 0.47
size [# of strips]

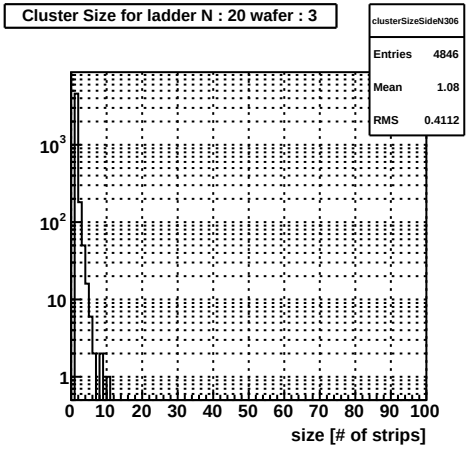

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3178
Mean 1.125
RMS 0.4333
size [# of strips]

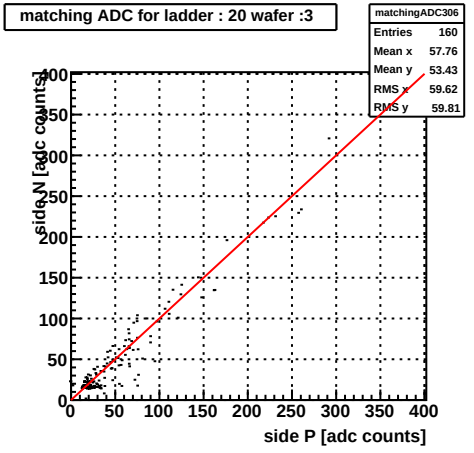

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 455
Mean x 74.24
Mean y 62.66
RMS x 69
RMS y 57.11
side N [adc counts]
side P [adc counts]

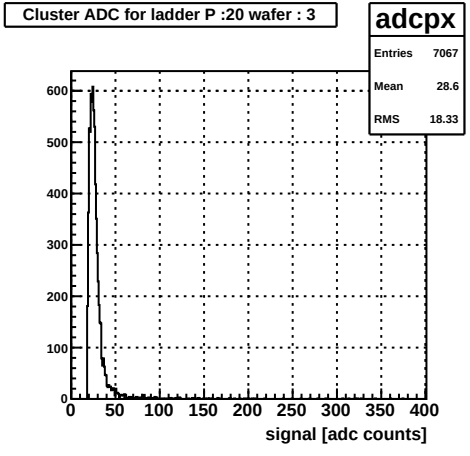

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2226
Mean 49.71
RMS 48.92
signal [adc counts]

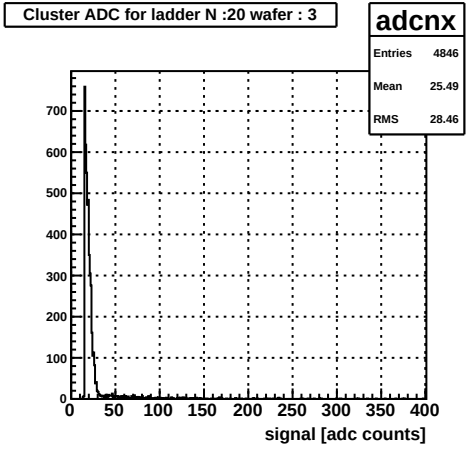

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3178
Mean 27.43
RMS 32.26
signal [adc counts]

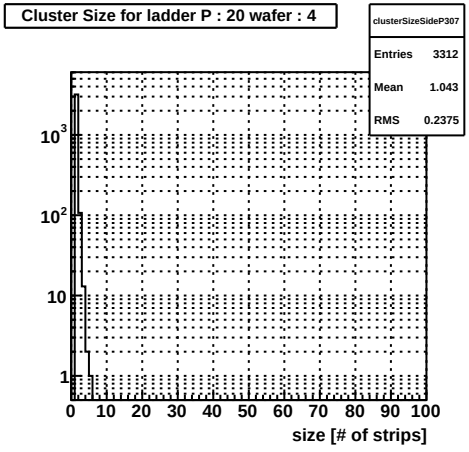

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7067
Mean 1.04
RMS 0.21
size [# of strips]

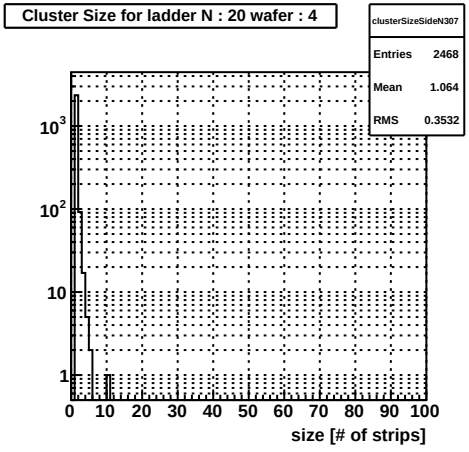

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 4846
Mean 1.08
RMS 0.4112
size [# of strips]

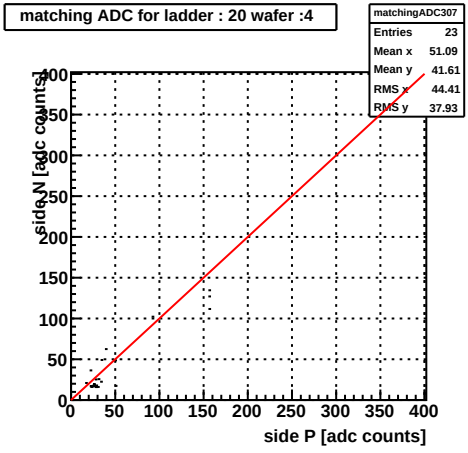

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 160
Mean x 57.76
Mean y 53.43
RMS x 59.62
RMS y 59.81
side N [adc counts]
side P [adc counts]

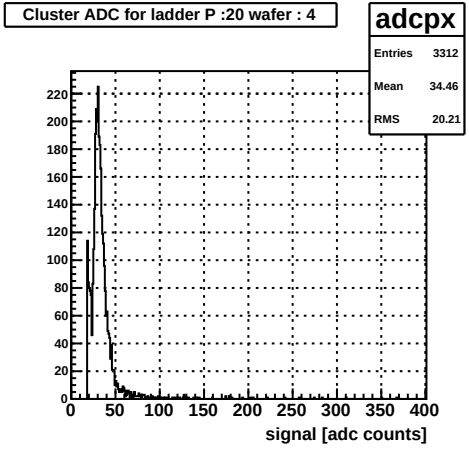

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7067
Mean 28.6
RMS 18.33
signal [adc counts]

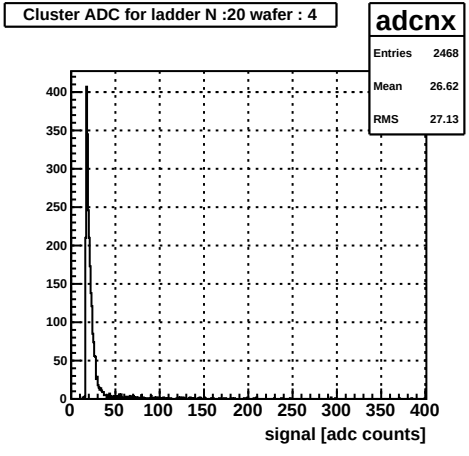

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 4846
Mean 25.49
RMS 28.46
signal [adc counts]

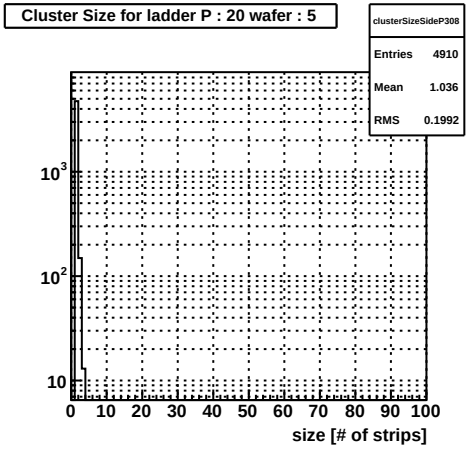

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3312
Mean 1.043
RMS 0.2375
size [# of strips]

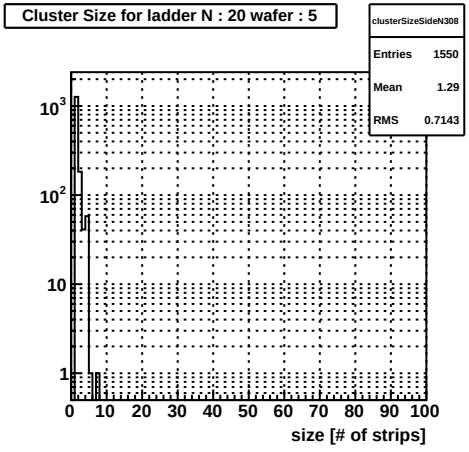

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2468
Mean 1.064
RMS 0.3532
size [# of strips]

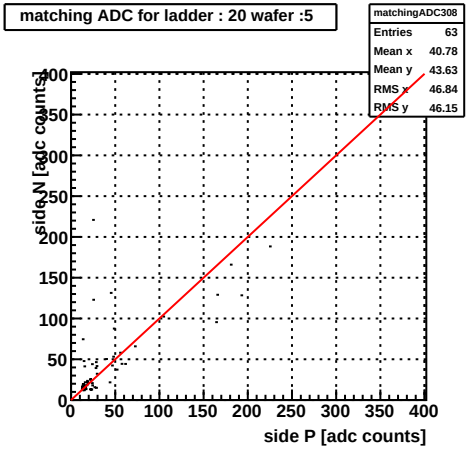

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 23
Mean x 51.09
Mean y 41.61
RMS x 44.41
RMS y 37.93
side N [adc counts]
side P [adc counts]

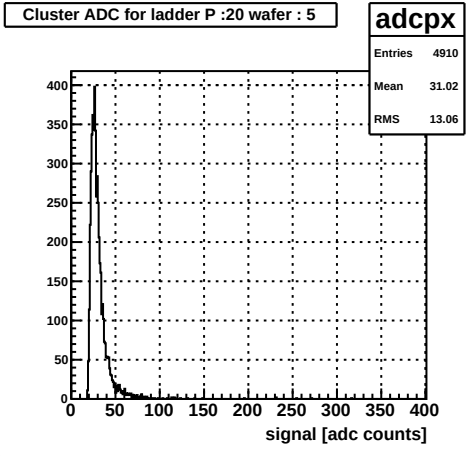

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3312
Mean 34.46
RMS 20.21
signal [adc counts]

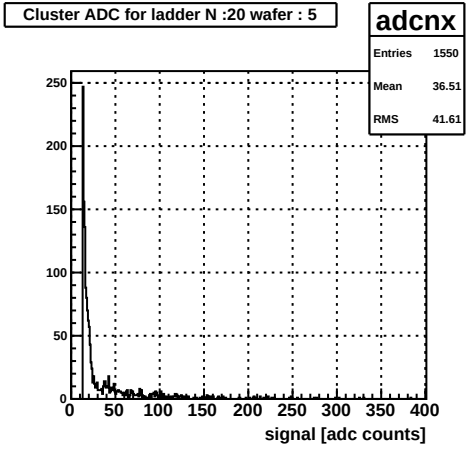

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2468
Mean 26.62
RMS 27.13
signal [adc counts]

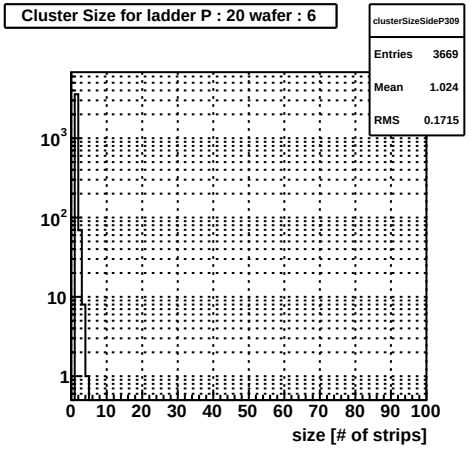

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4910
Mean 1.036
RMS 0.1992
size [# of strips]

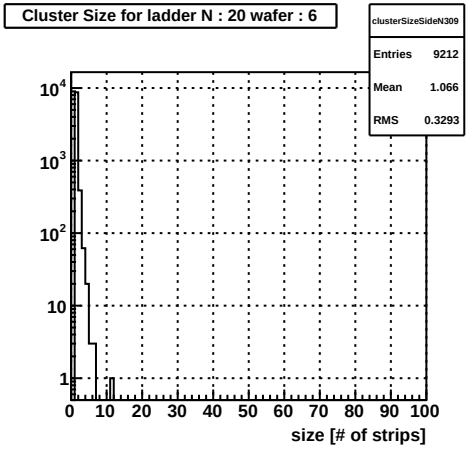

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1550
Mean 1.29
RMS 0.7143
size [# of strips]

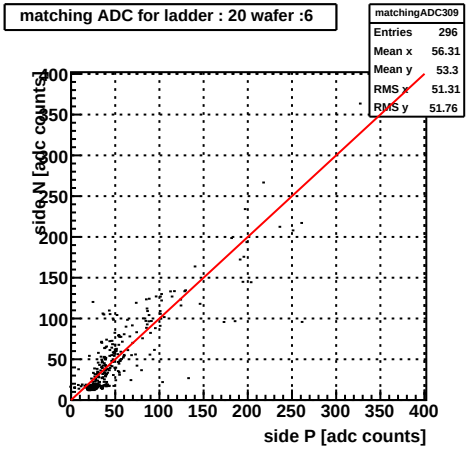

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 63
Mean x 40.78
Mean y 43.63
RMS x 46.84
RMS y 46.15
side N [adc counts]
side P [adc counts]

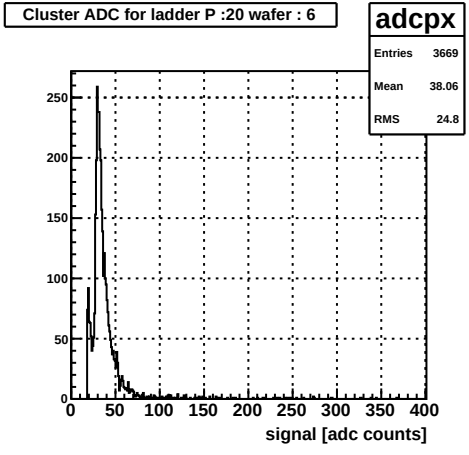

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4910
Mean 31.02
RMS 13.06
signal [adc counts]

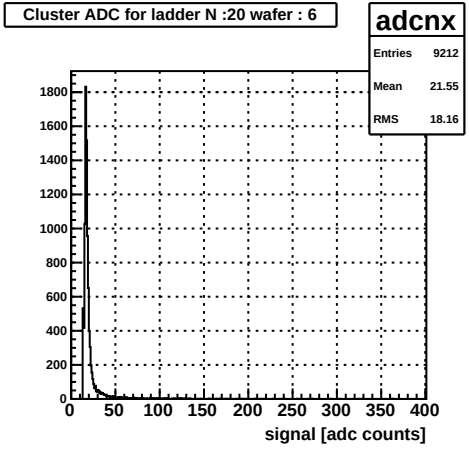

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1550
Mean 36.51
RMS 41.61
signal [adc counts]

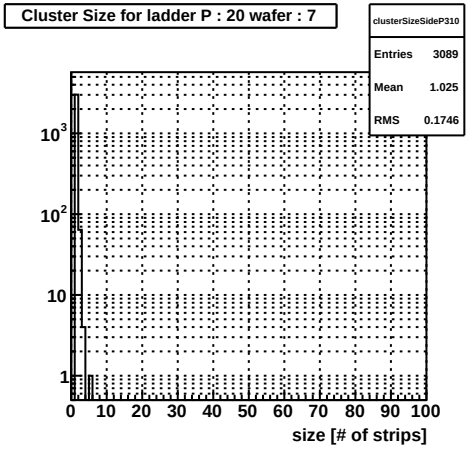

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3669
Mean 1.024
RMS 0.1715
size [# of strips]

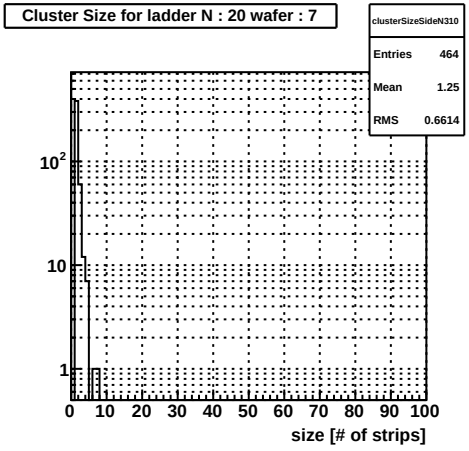

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9212
Mean 1.066
RMS 0.3293
size [# of strips]

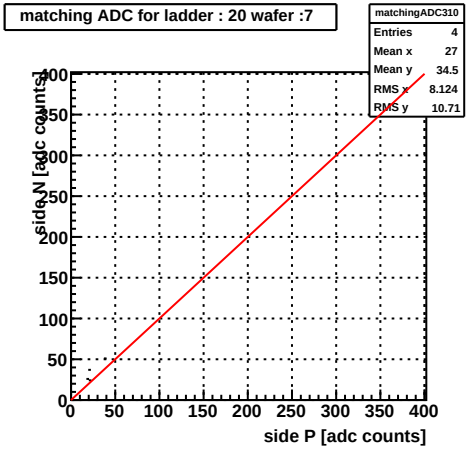

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 296
Mean x 56.31
Mean y 53.3
RMS x 51.31
RMS y 51.76
side N [adc counts]
side P [adc counts]

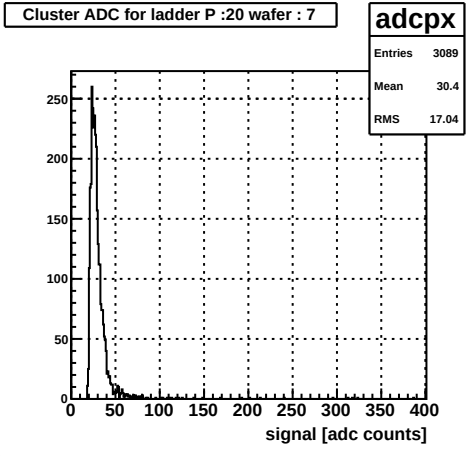

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3669
Mean 38.06
RMS 24.8
signal [adc counts]

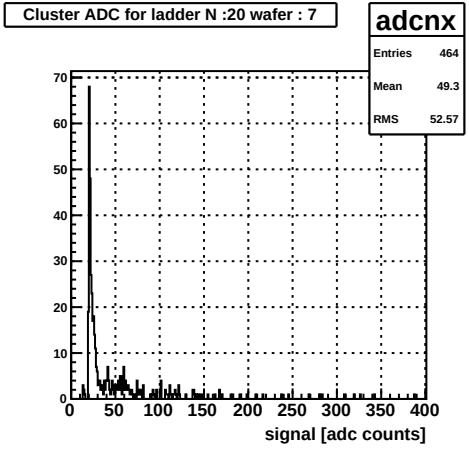

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9212
Mean 21.55
RMS 18.16
signal [adc counts]

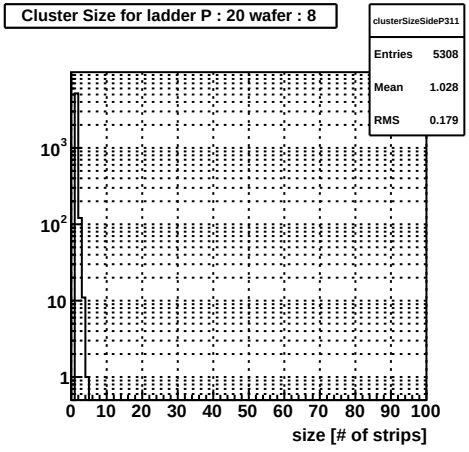

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3089
Mean 1.025
RMS 0.1746
size [# of strips]

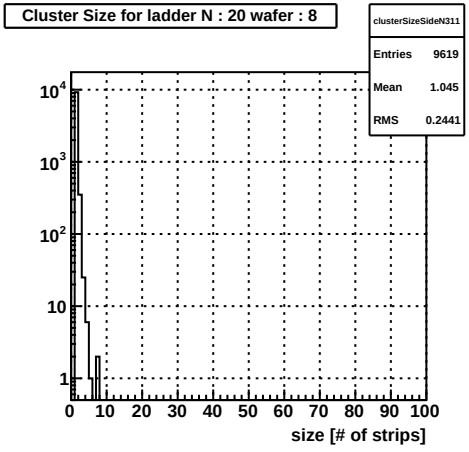

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 464
Mean 1.25
RMS 0.6614
size [# of strips]

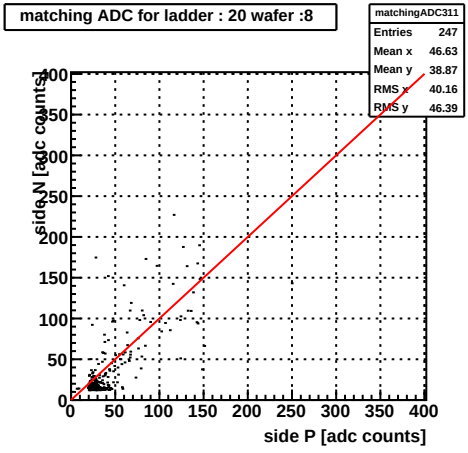

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 27
Mean y 34.5
RMS x 8.124
RMS y 10.71
side N [adc counts]
side P [adc counts]

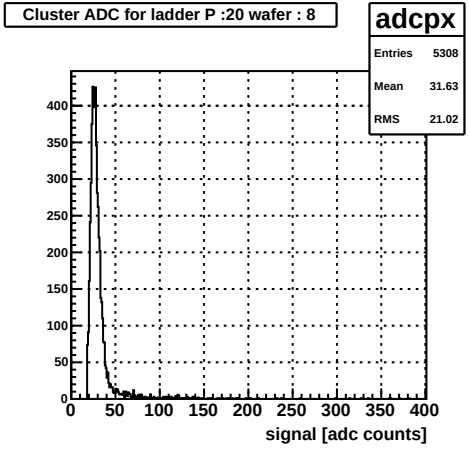

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3089
Mean 30.4
RMS 17.04
signal [adc counts]

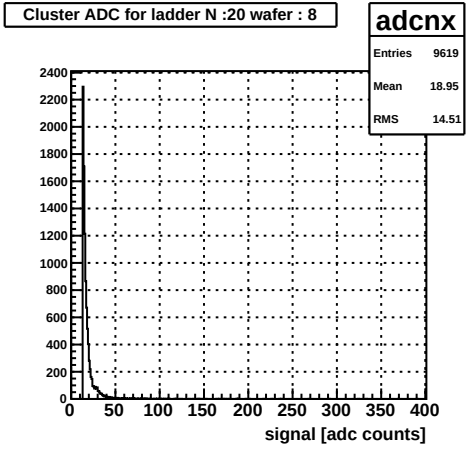

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 464
Mean 49.3
RMS 52.57
signal [adc counts]

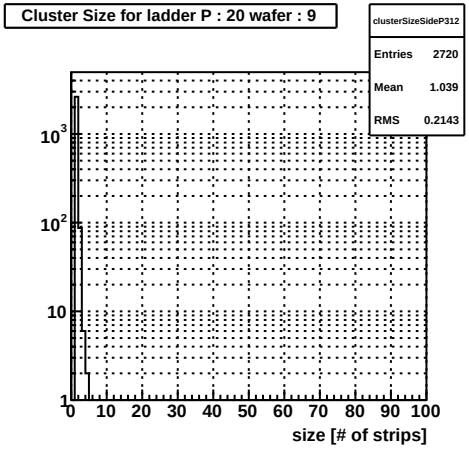

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5308
Mean 1.028
RMS 0.179
size [# of strips]

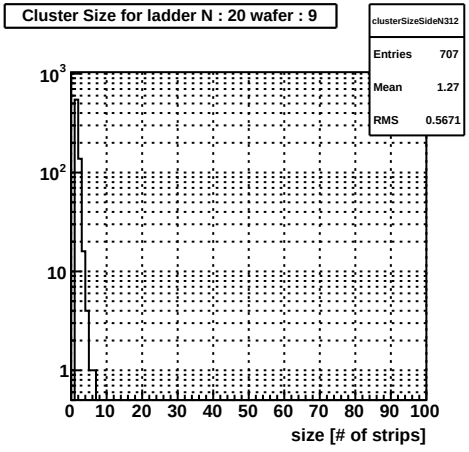

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9619
Mean 1.045
RMS 0.2441
size [# of strips]

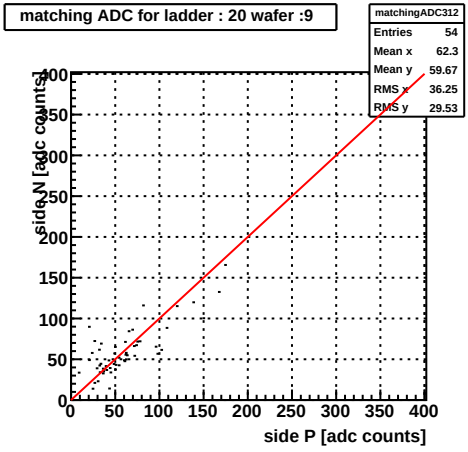

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 247
Mean x 46.63
Mean y 38.87
RMS x 40.16
RMS y 46.39
side N [adc counts]
side P [adc counts]

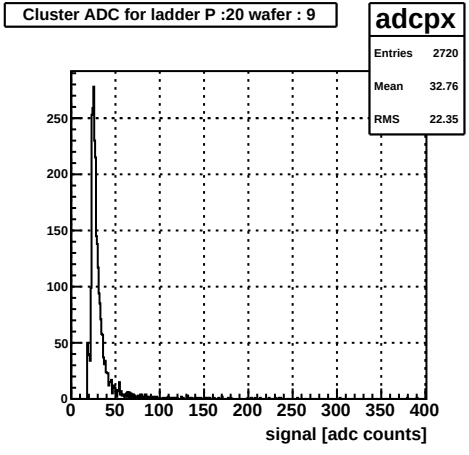

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5308
Mean 31.63
RMS 21.02
signal [adc counts]

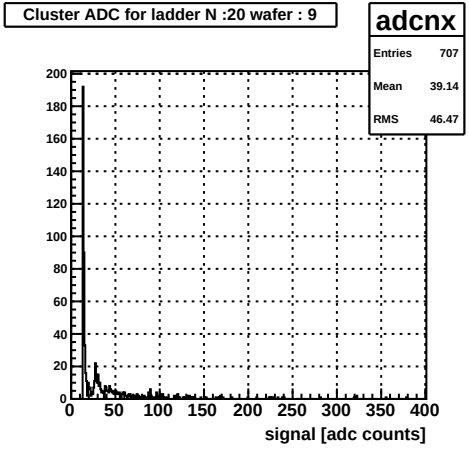

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9619
Mean 18.95
RMS 14.51
signal [adc counts]

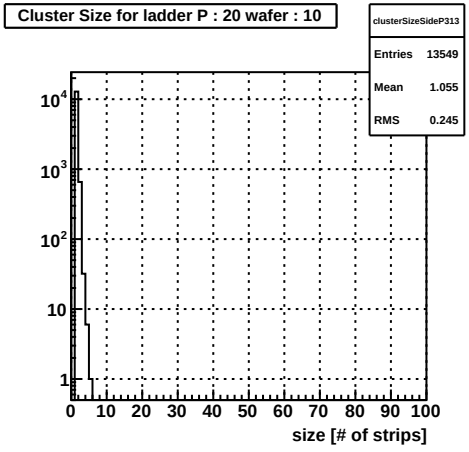

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2720
Mean 1.039
RMS 0.2143
size [# of strips]

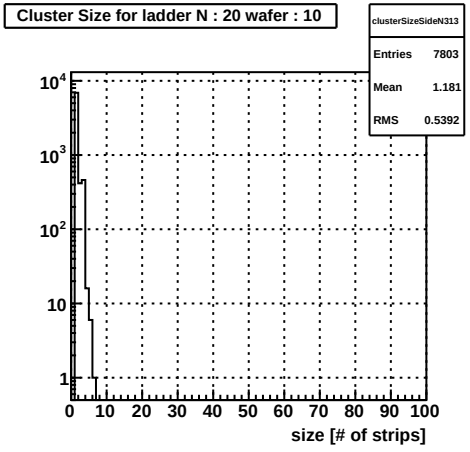

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 707
Mean 1.27
RMS 0.5671
size [# of strips]

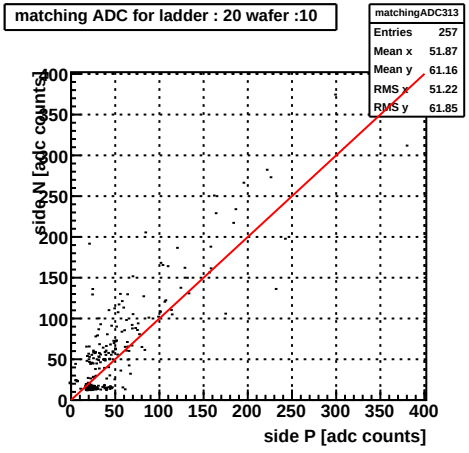

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 54
Mean x 62.3
Mean y 59.67
RMS x 36.25
RMS y 29.53
side N [adc counts]
side P [adc counts]

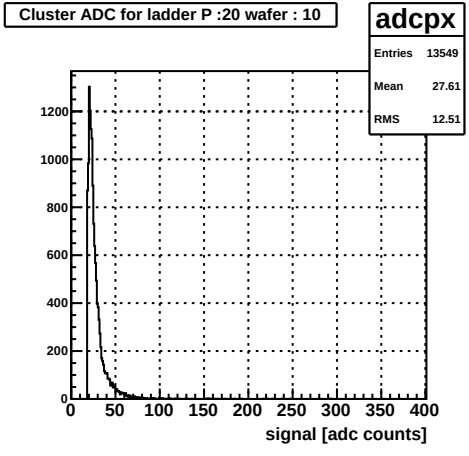

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2720
Mean 32.76
RMS 22.35
signal [adc counts]

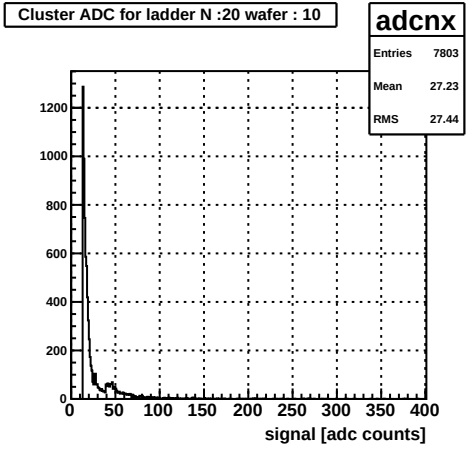

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 707
Mean 39.14
RMS 46.47
signal [adc counts]

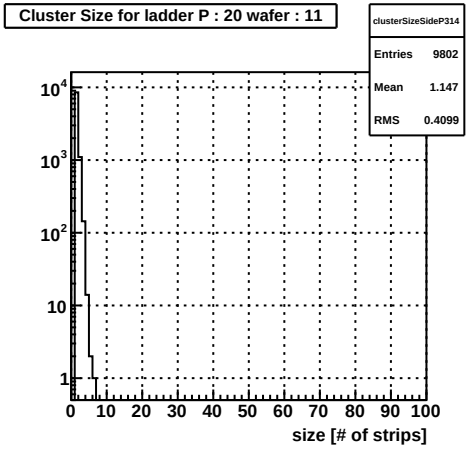

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13549
Mean 1.055
RMS 0.245
size [# of strips]

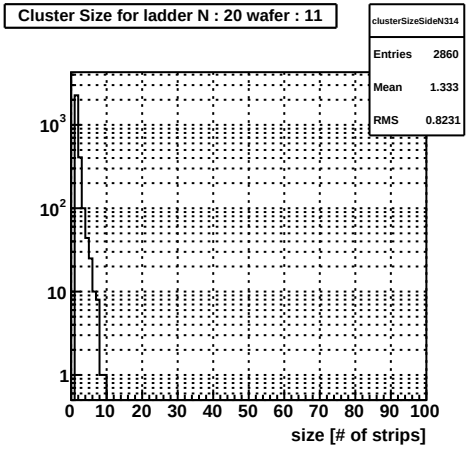

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7803
Mean 1.181
RMS 0.5392
size [# of strips]

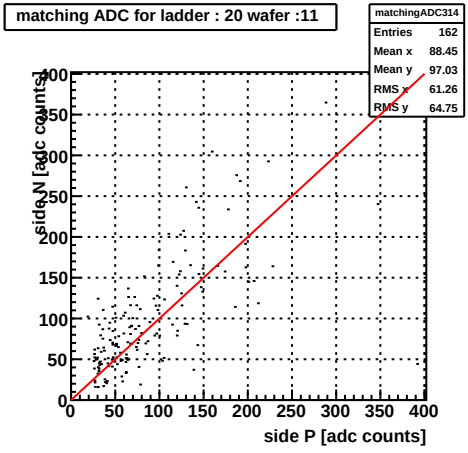

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 257
Mean x 51.87
Mean y 61.16
RMS x 51.22
RMS y 61.85
side N [adc counts]
side P [adc counts]

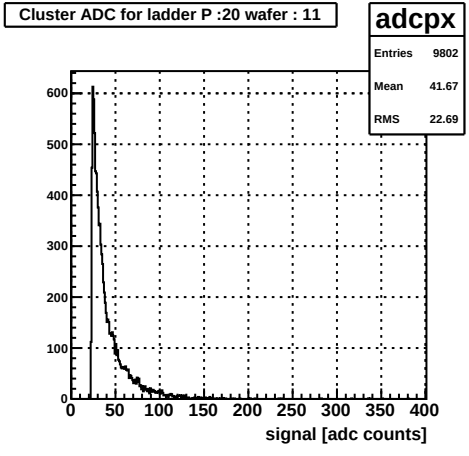

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13549
Mean 27.61
RMS 12.51
signal [adc counts]

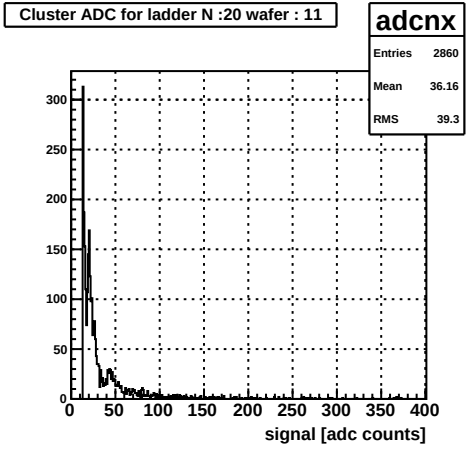

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7803
Mean 27.23
RMS 27.44
signal [adc counts]

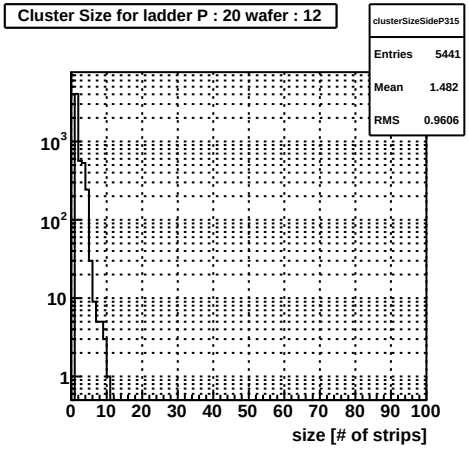

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9802
Mean 1.147
RMS 0.4099
size [# of strips]

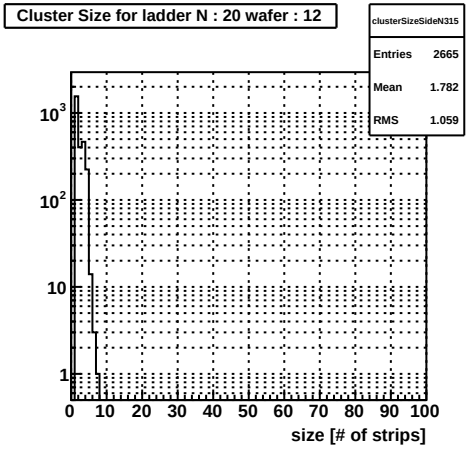

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2860
Mean 1.333
RMS 0.8231
size [# of strips]

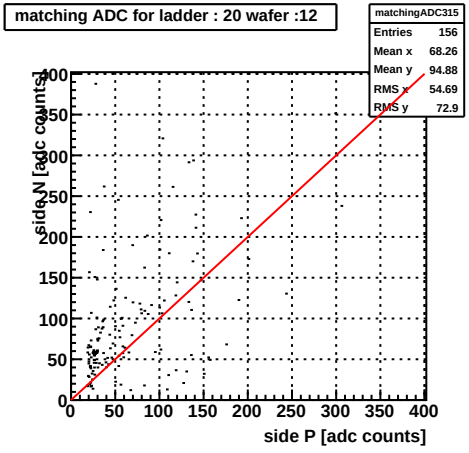

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 162
Mean x 88.45
Mean y 97.03
RMS x 61.26
RMS y 64.75
side N [adc counts]
side P [adc counts]

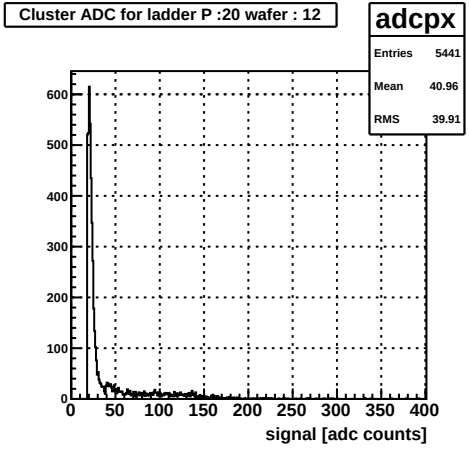

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9802
Mean 41.67
RMS 22.69
signal [adc counts]

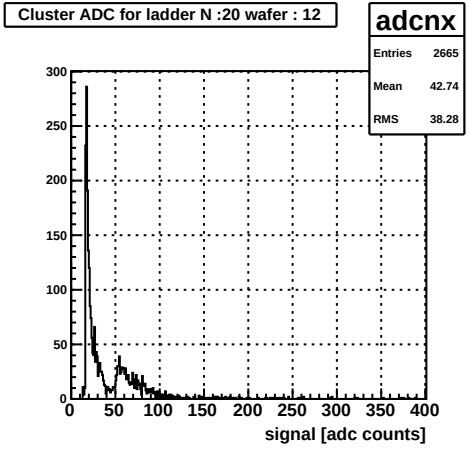

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2860
Mean 36.16
RMS 39.3
signal [adc counts]

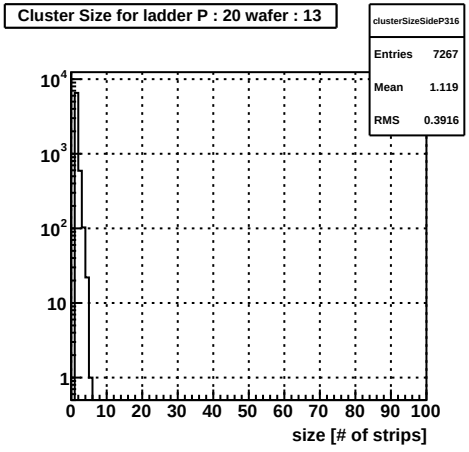

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5441
Mean 1.482
RMS 0.9606
size [# of strips]

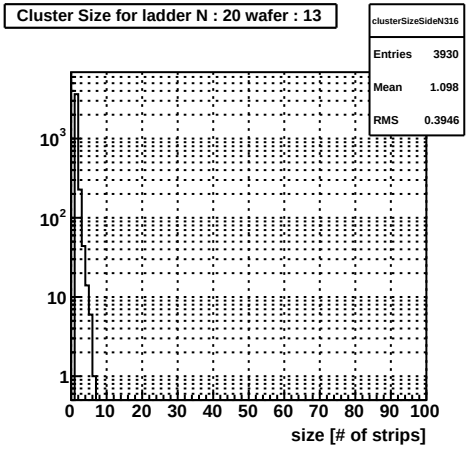

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2665
Mean 1.782
RMS 1.059
size [# of strips]

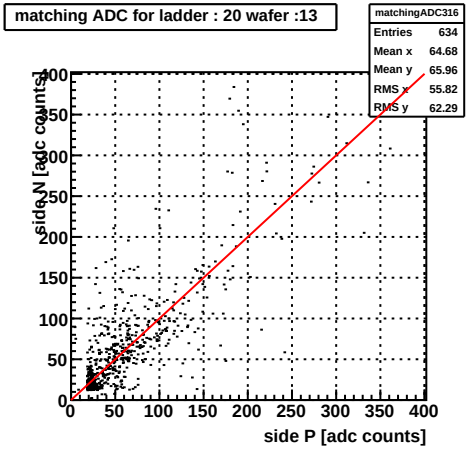

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 156
Mean x 68.26
Mean y 94.88
RMS x 54.69
RMS y 72.9
side N [adc counts]
side P [adc counts]

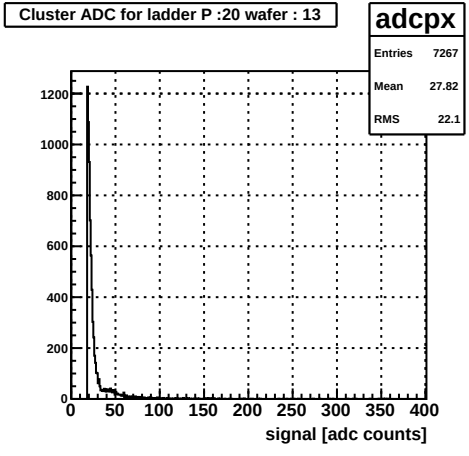

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5441
Mean 40.96
RMS 39.91
signal [adc counts]

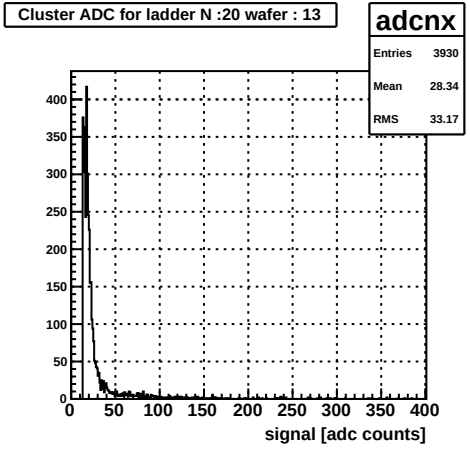

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2665
Mean 42.74
RMS 38.28
signal [adc counts]

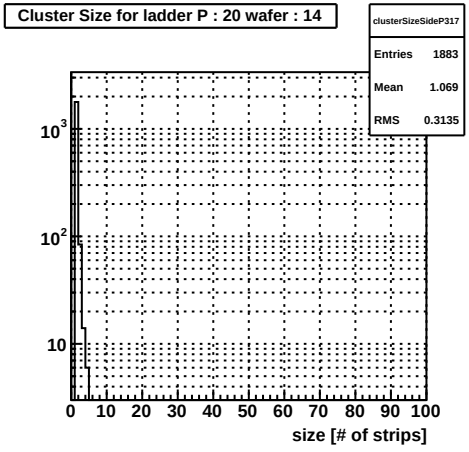

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 7267
Mean 1.119
RMS 0.3916
size [# of strips]

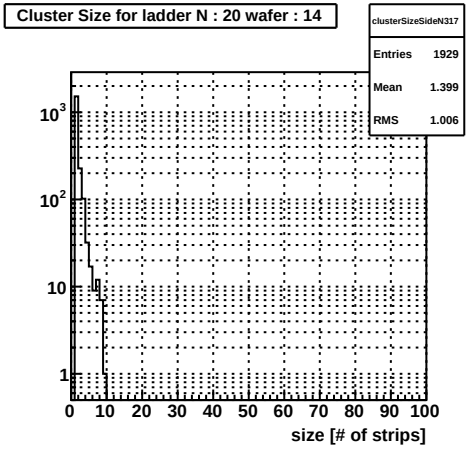

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3930
Mean 1.098
RMS 0.3946
size [# of strips]

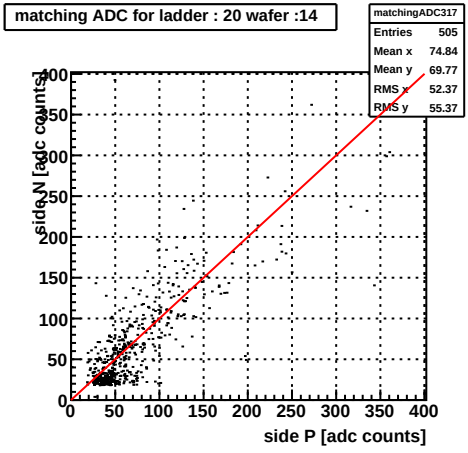

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 634
Mean x 64.68
Mean y 65.96
RMS x 55.82
RMS y 62.29
side N [adc counts]
side P [adc counts]

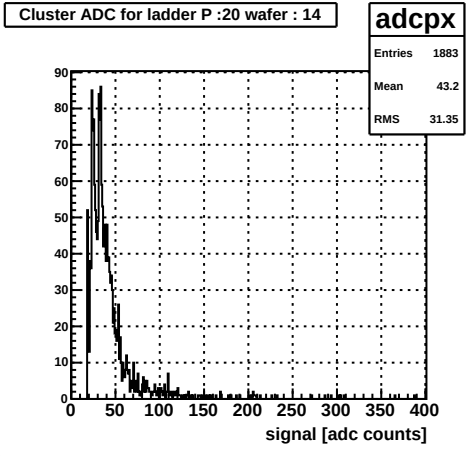

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 7267
Mean 27.82
RMS 22.1
signal [adc counts]

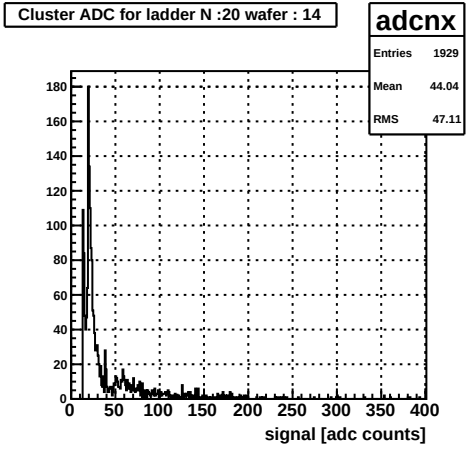

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3930
Mean 28.34
RMS 33.17
signal [adc counts]

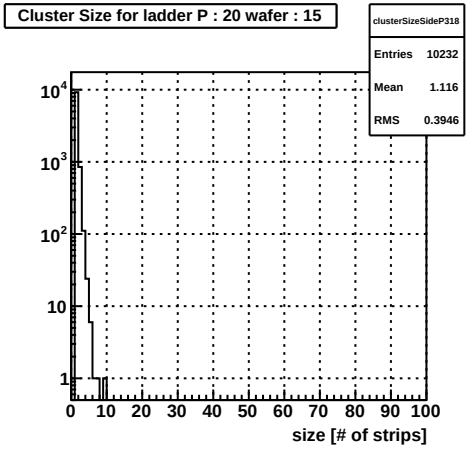

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1883
Mean 1.069
RMS 0.3135
size [# of strips]

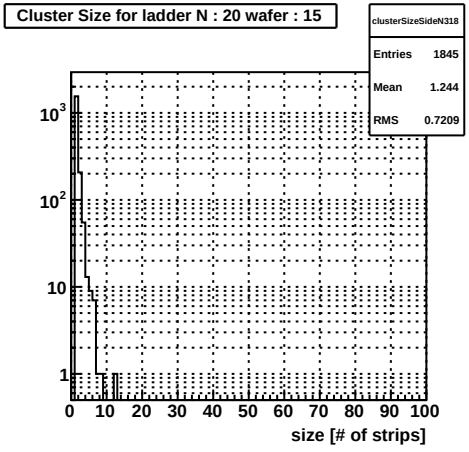

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1929
Mean 1.399
RMS 1.006
size [# of strips]

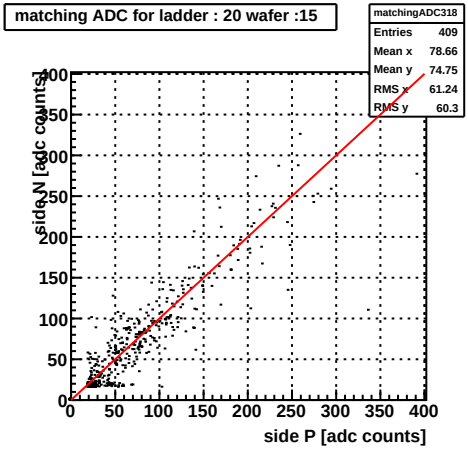

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 505
Mean x 74.84
Mean y 69.77
RMS x 52.37
RMS y 55.37
side N [adc counts]
side P [adc counts]

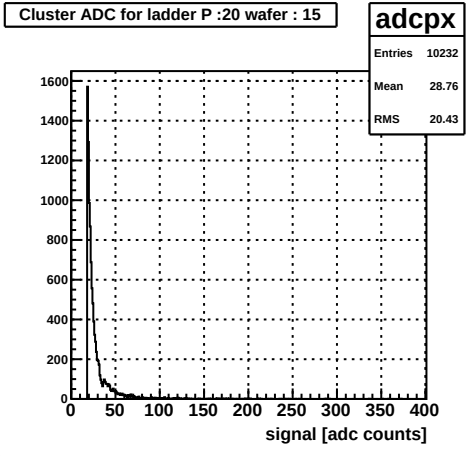

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1883
Mean 43.2
RMS 31.35
signal [adc counts]

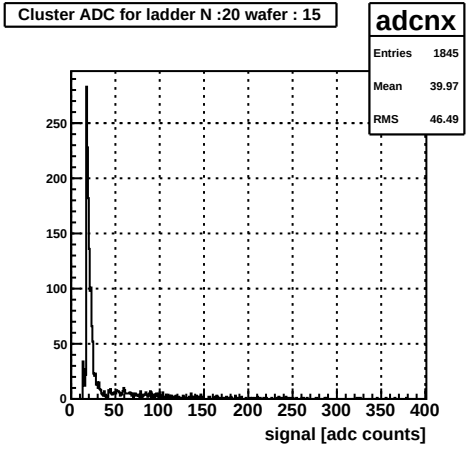

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1929
Mean 44.04
RMS 47.11
signal [adc counts]

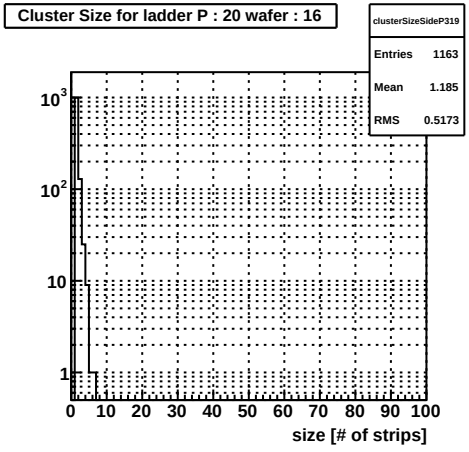

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 10232
Mean 1.116
RMS 0.3946
size [# of strips]

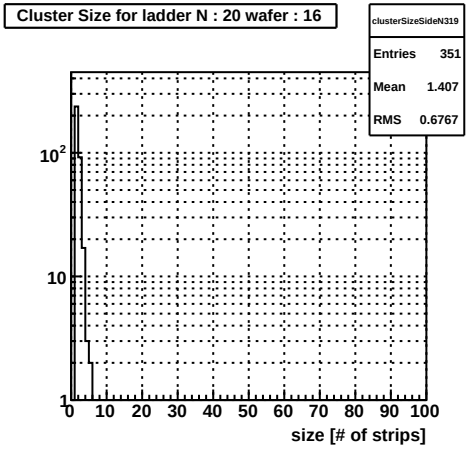

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1845
Mean 1.244
RMS 0.7209
size [# of strips]

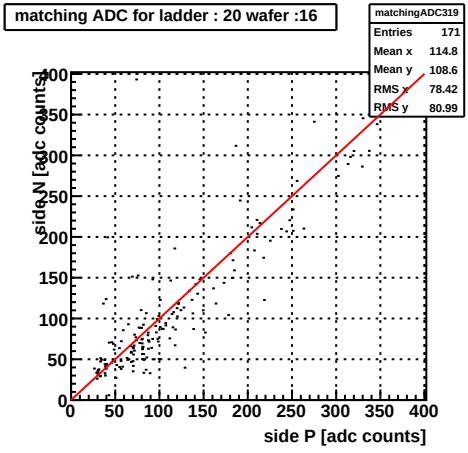

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 409
Mean x 78.66
Mean y 74.75
RMS x 61.24
RMS y 60.3
side N [adc counts]
side P [adc counts]

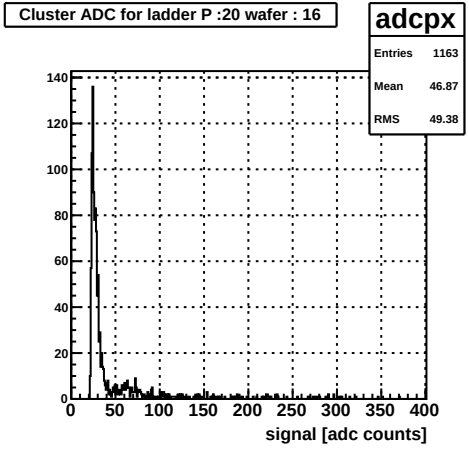

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 10232
Mean 28.76
RMS 20.43
signal [adc counts]

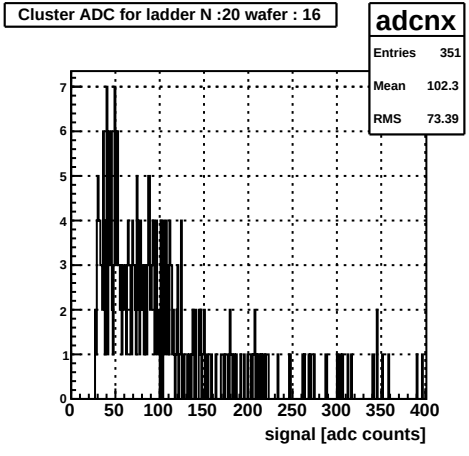

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1845
Mean 39.97
RMS 46.49
signal [adc counts]

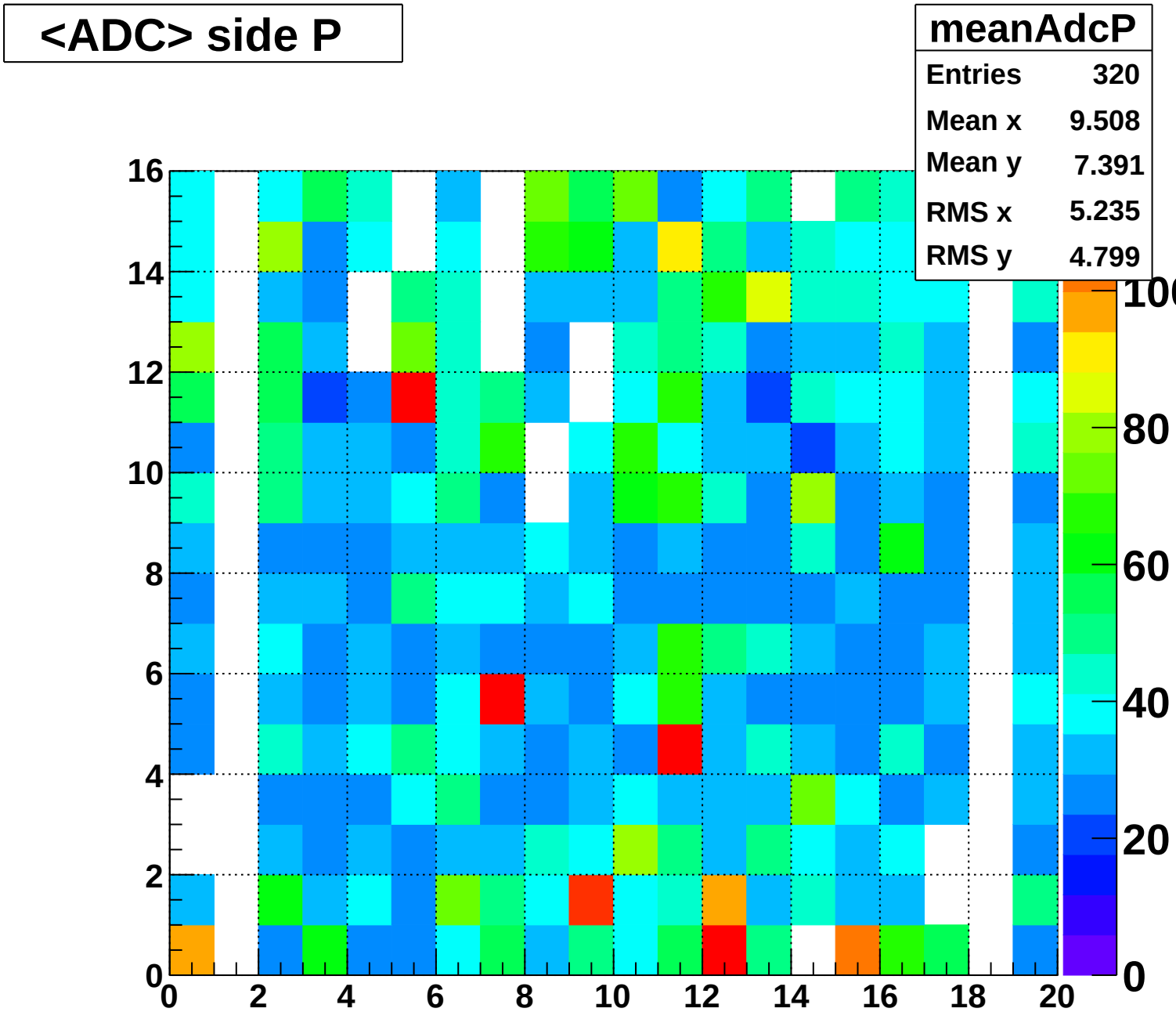

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1163
Mean 1.185
RMS 0.5173
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 351
Mean 1.407
RMS 0.6767
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 171
Mean x 114.8
Mean y 108.6
RMS x 78.42
RMS y 80.99
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1163
Mean 46.87
RMS 49.38
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 351
Mean 102.3
RMS 73.39
signal [adc counts]



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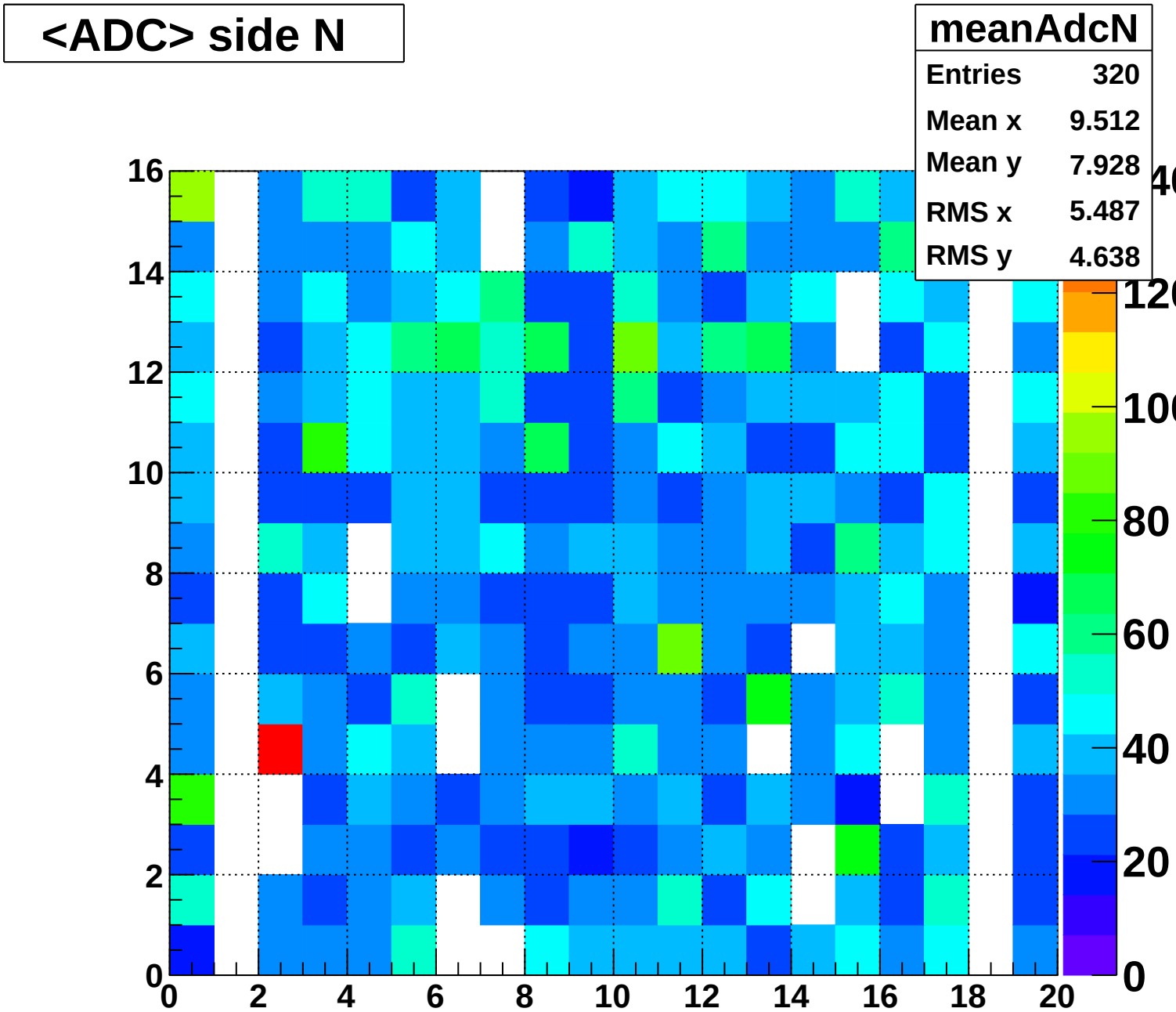

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