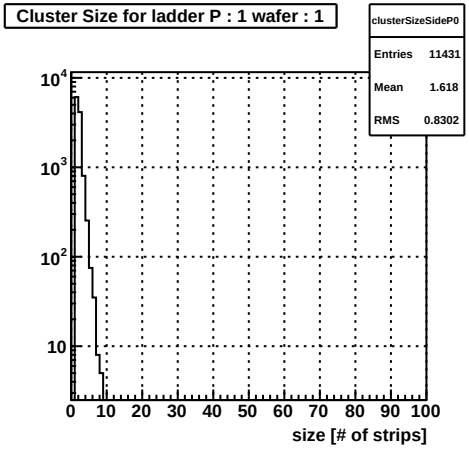
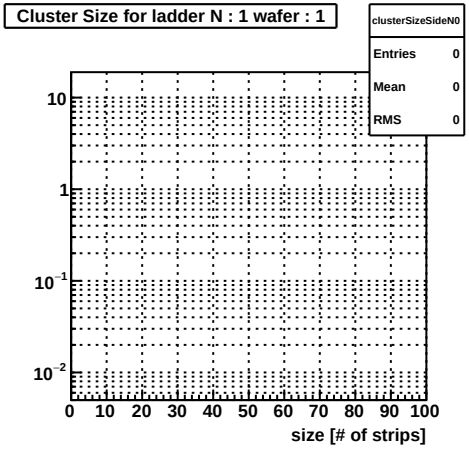
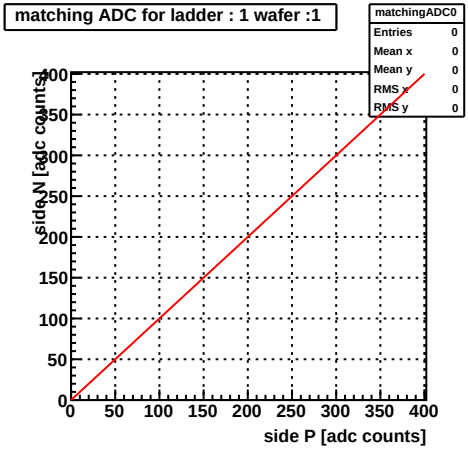
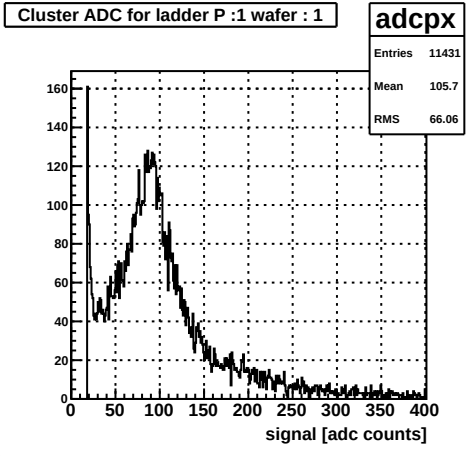
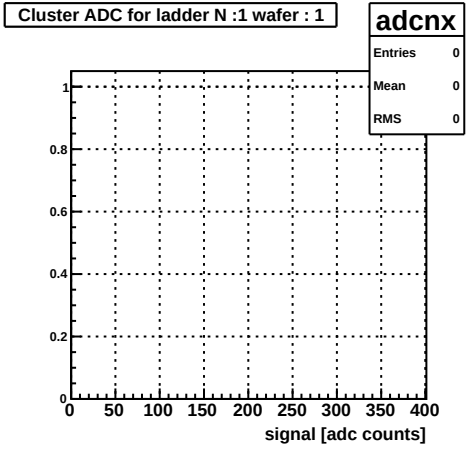
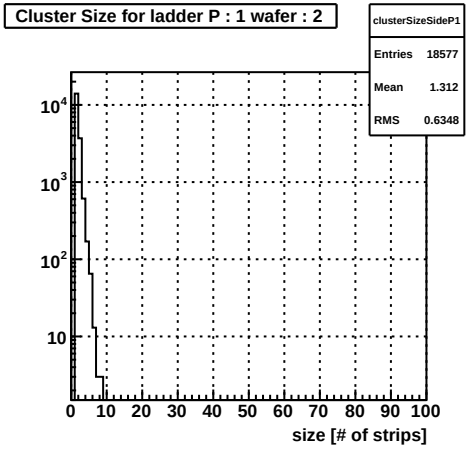

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 11431
Mean 1.618
RMS 0.8302
size [# of strips]

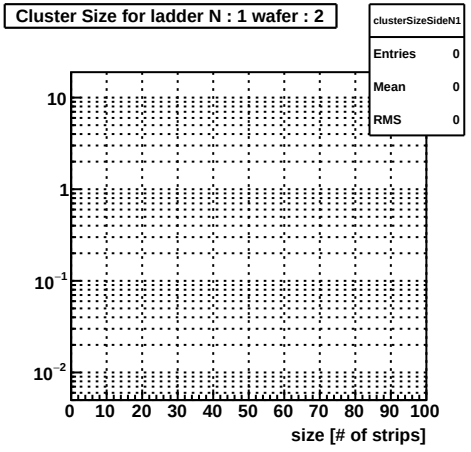

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

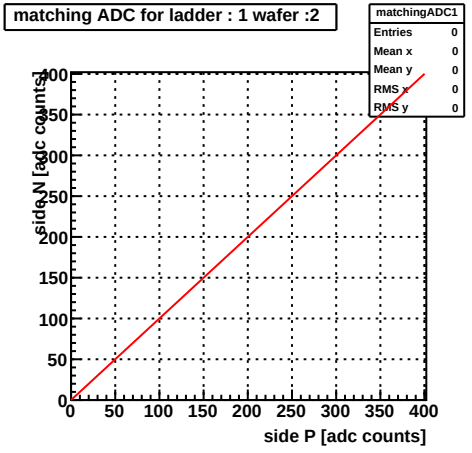

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

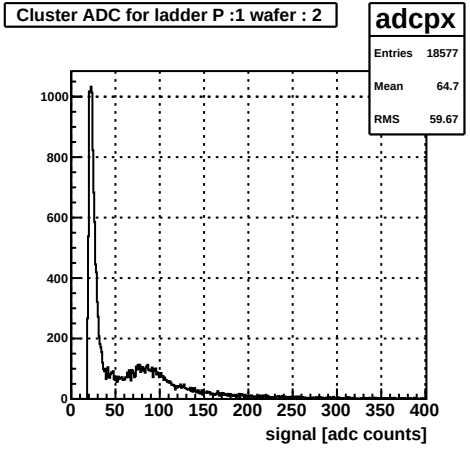

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 11431
Mean 105.7
RMS 66.06
signal [adc counts]

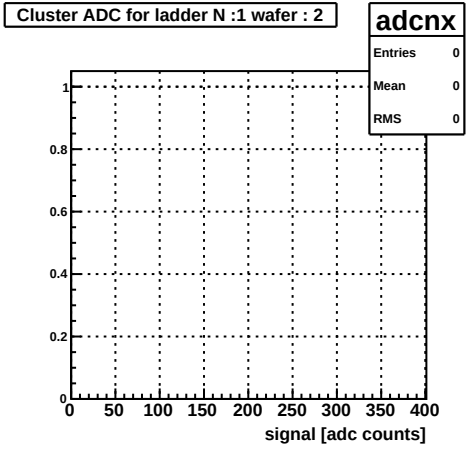

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

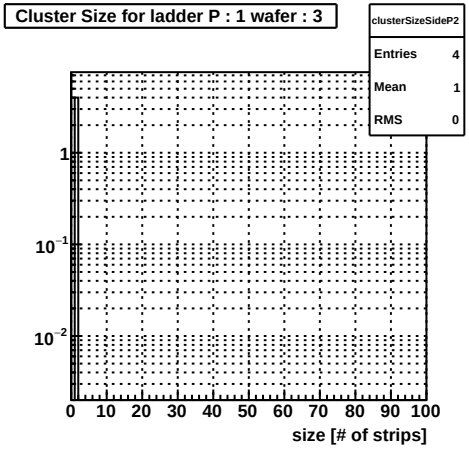

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 18577
Mean 1.312
RMS 0.6348
size [# of strips]

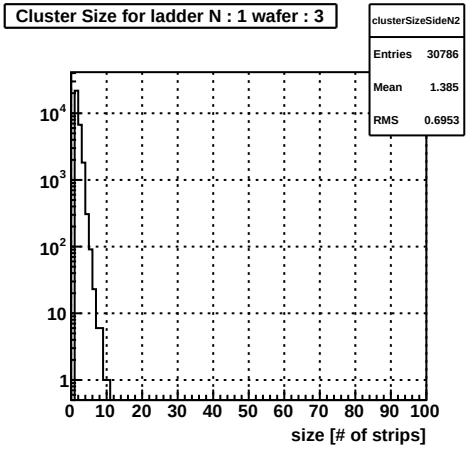

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

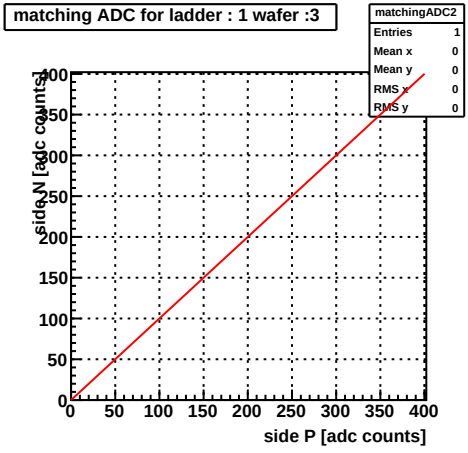

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

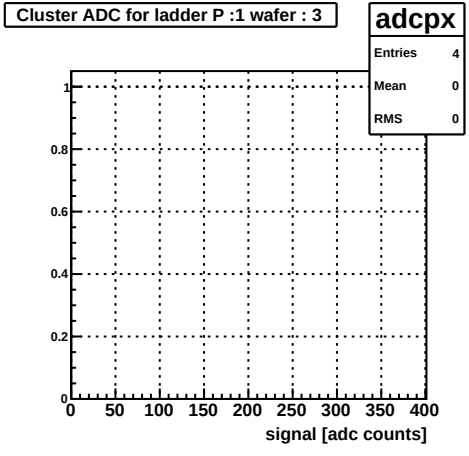

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 18577
Mean 64.7
RMS 59.67
signal [adc counts]

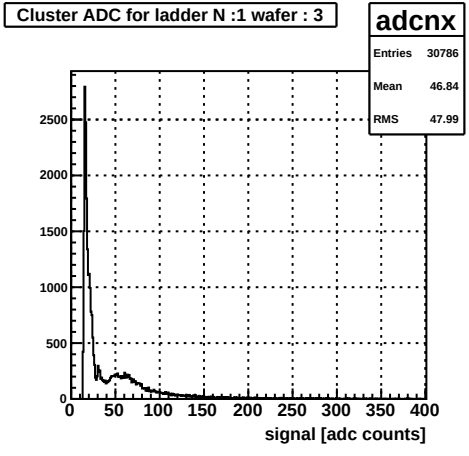

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

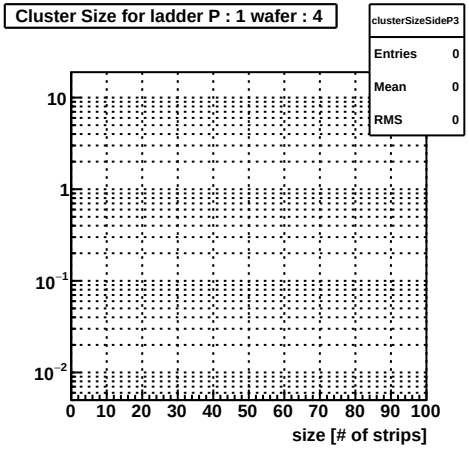

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 4
Mean 1
RMS 0
size [# of strips]

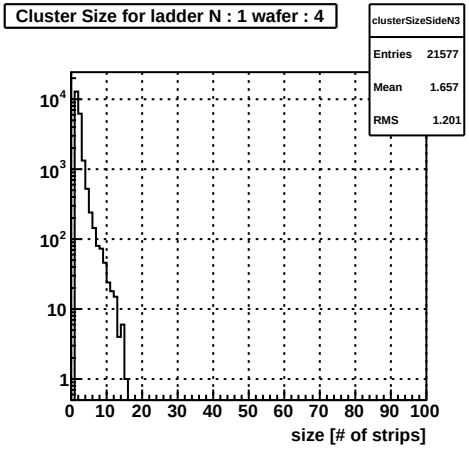

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 30786
Mean 1.385
RMS 0.6953
size [# of strips]

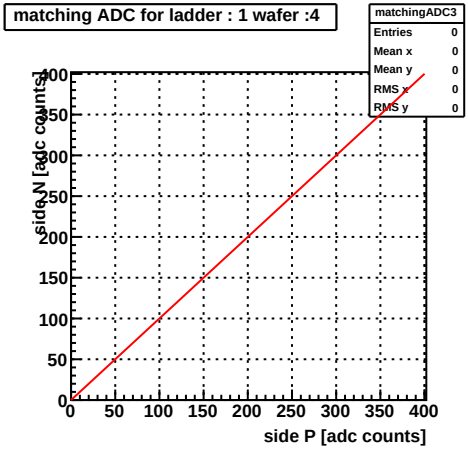

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

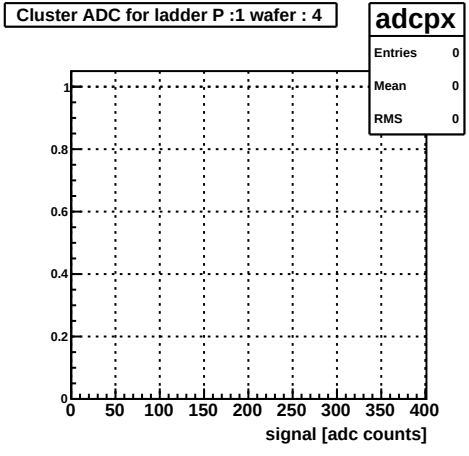

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

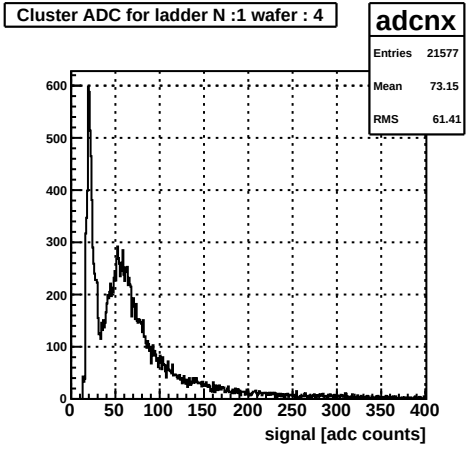

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 30786
Mean 46.84
RMS 47.99
signal [adc counts]

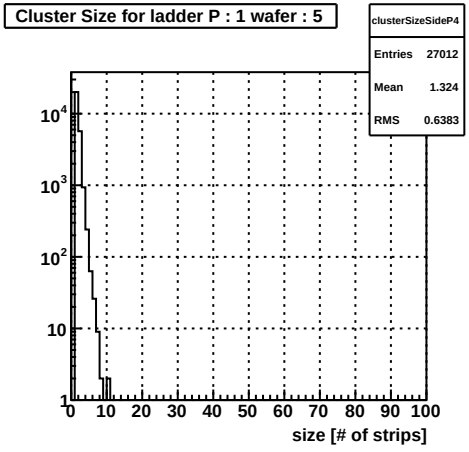

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

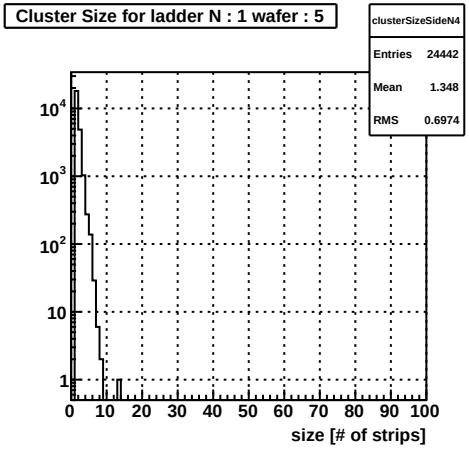

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 21577
Mean 1.657
RMS 1.201
size [# of strips]

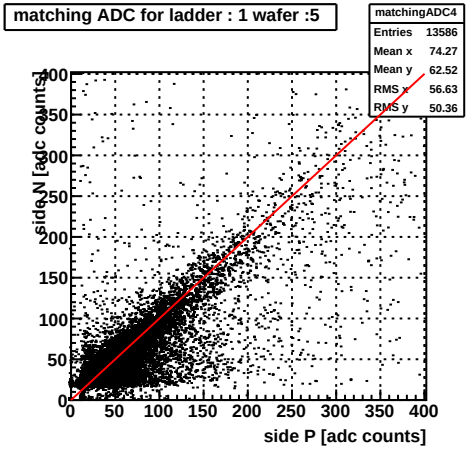

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

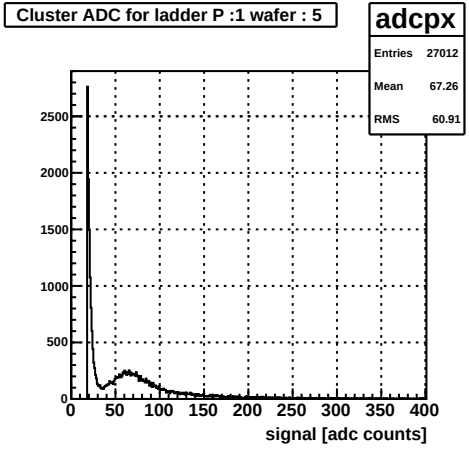

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

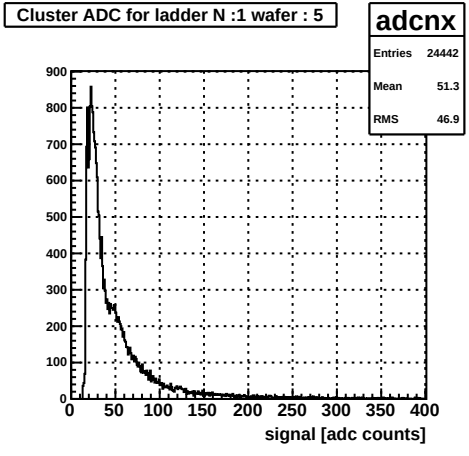

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 21577
Mean 73.15
RMS 61.41
signal [adc counts]

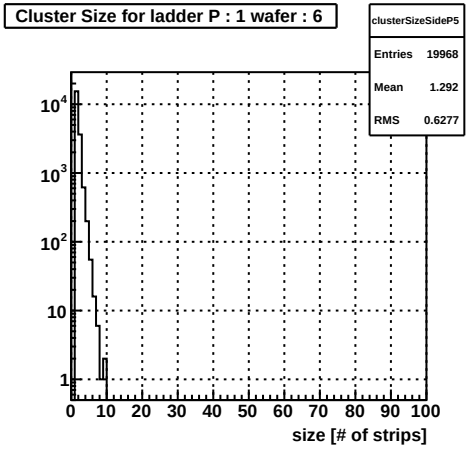

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 27012
Mean 1.324
RMS 0.6383
size [# of strips]

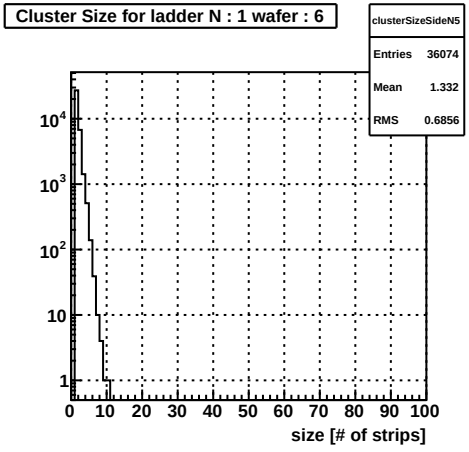

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 24442
Mean 1.348
RMS 0.6974
size [# of strips]

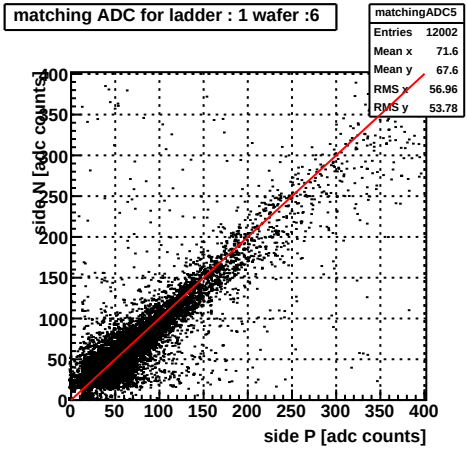

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 13586
Mean x 74.27
Mean y 62.52
RMS x 56.63
RMS y 50.36
side N [adc counts]
side P [adc counts]

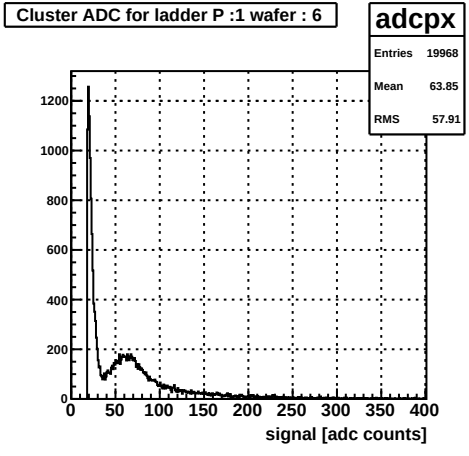

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 27012
Mean 67.26
RMS 60.91
signal [adc counts]

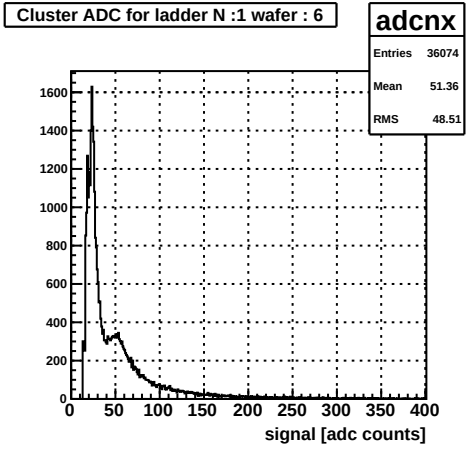

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 24442
Mean 51.3
RMS 46.9
signal [adc counts]

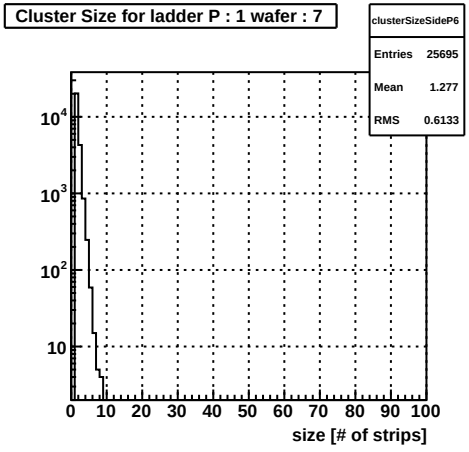

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 19968
Mean 1.292
RMS 0.6277
size [# of strips]

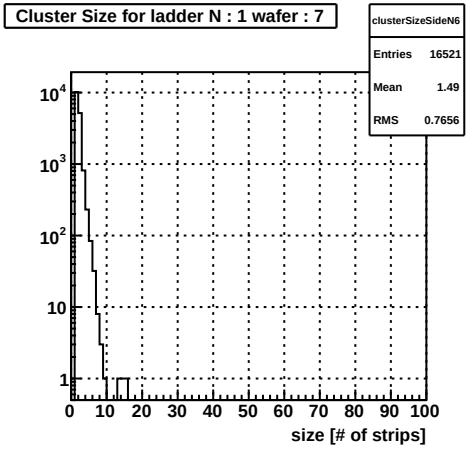

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 36074
Mean 1.332
RMS 0.6856
size [# of strips]

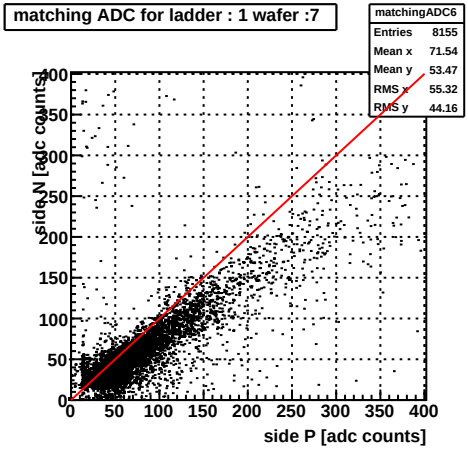

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 12002
Mean x 71.6
Mean y 67.6
RMS x 56.96
RMS y 53.78
side N [adc counts]
side P [adc counts]

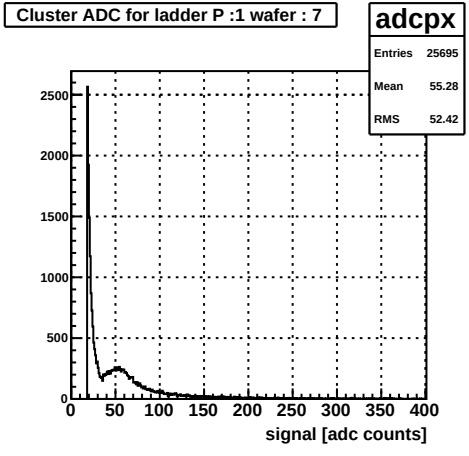

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 19968
Mean 63.85
RMS 57.91
signal [adc counts]

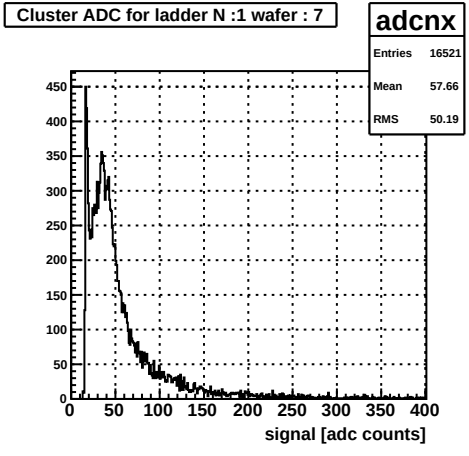

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 36074
Mean 51.36
RMS 48.51
signal [adc counts]

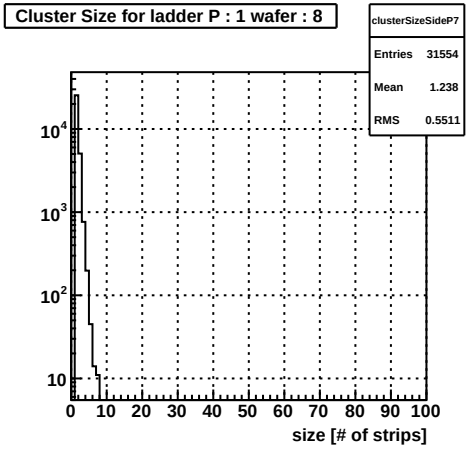

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 25695
Mean 1.277
RMS 0.6133
size [# of strips]

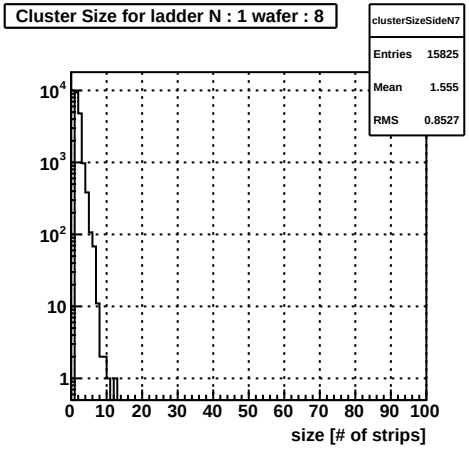

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 16521
Mean 1.49
RMS 0.7656
size [# of strips]

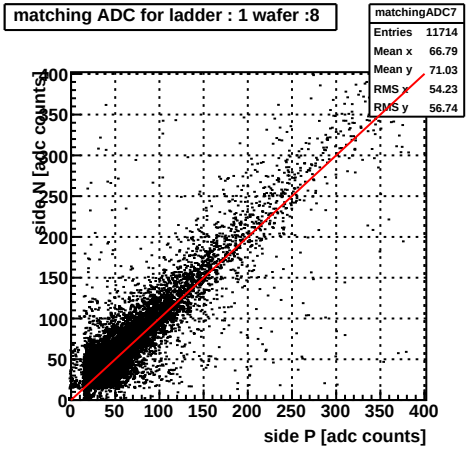

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 8155
Mean x 71.54
Mean y 53.47
RMS x 55.32
RMS y 44.16
side N [adc counts]
side P [adc counts]

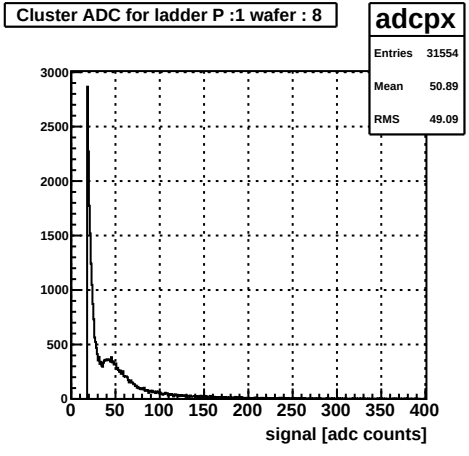

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 25695
Mean 55.28
RMS 52.42
signal [adc counts]

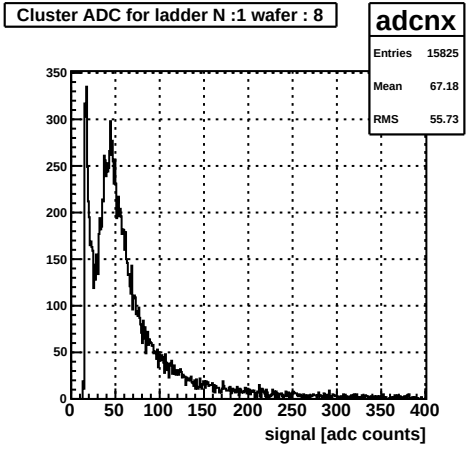

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 16521
Mean 57.66
RMS 50.19
signal [adc counts]

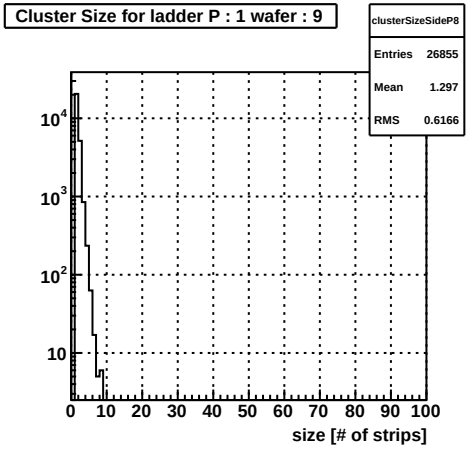

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 31554
Mean 1.238
RMS 0.5511
size [# of strips]

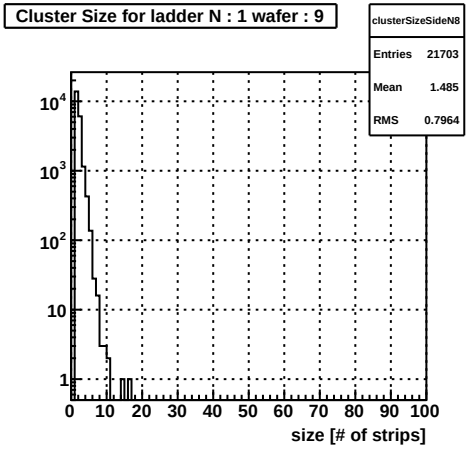

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 15825
Mean 1.555
RMS 0.8527
size [# of strips]

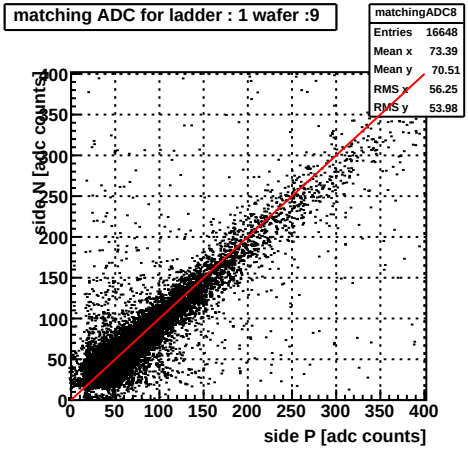

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 11714
Mean x 66.79
Mean y 71.03
RMS x 54.23
RMS y 56.74
side N [adc counts]
side P [adc counts]

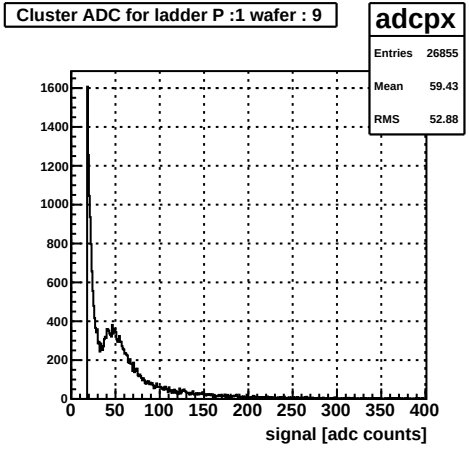

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 31554
Mean 50.89
RMS 49.09
signal [adc counts]

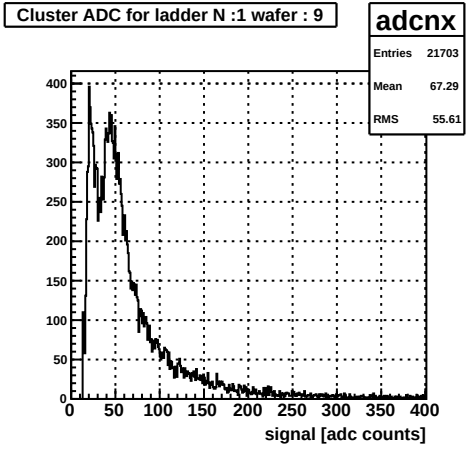

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 15825
Mean 67.18
RMS 55.73
signal [adc counts]

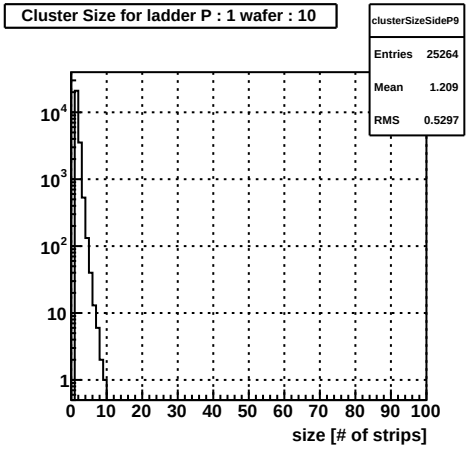

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 26855
Mean 1.297
RMS 0.6166
size [# of strips]

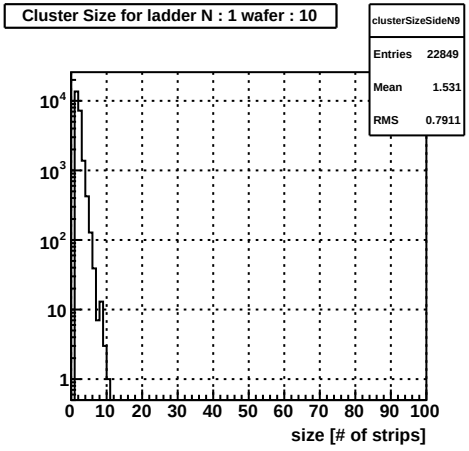

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 21703
Mean 1.485
RMS 0.7964
size [# of strips]

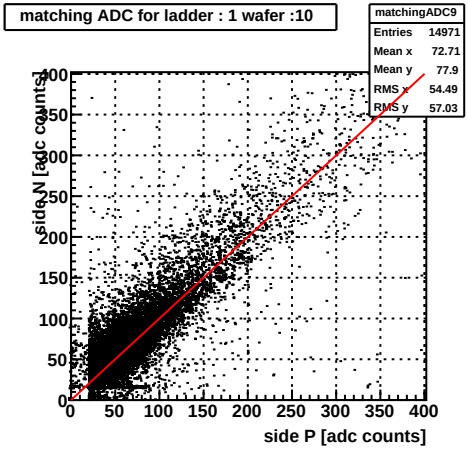

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 16648
Mean x 73.39
Mean y 70.51
RMS x 56.25
RMS y 53.98
side N [adc counts]
side P [adc counts]

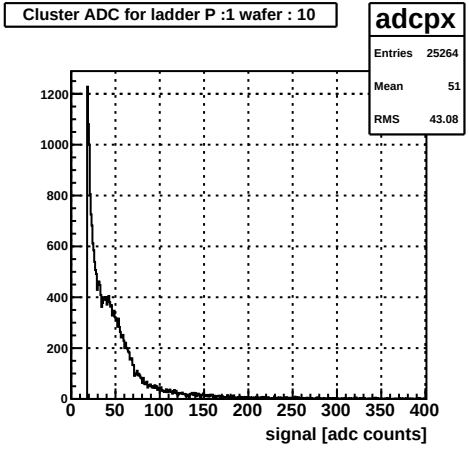

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 26855
Mean 59.43
RMS 52.88
signal [adc counts]

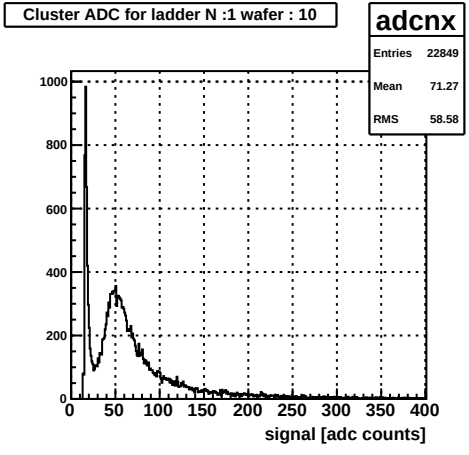

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 21703
Mean 67.29
RMS 55.61
signal [adc counts]

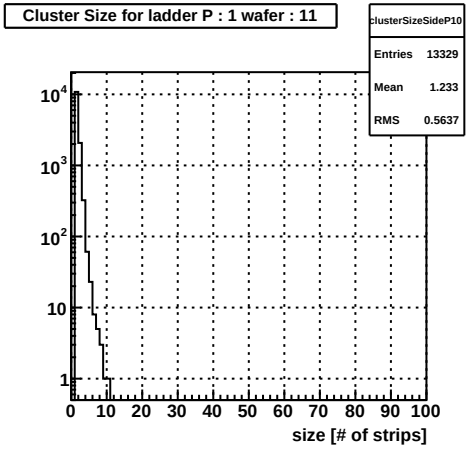

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 25264
Mean 1.209
RMS 0.5297
size [# of strips]

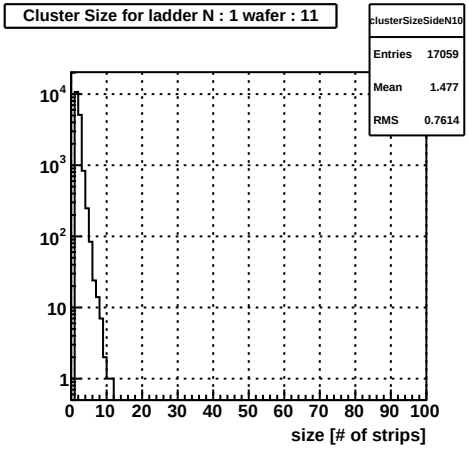

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 22849
Mean 1.531
RMS 0.7911
size [# of strips]

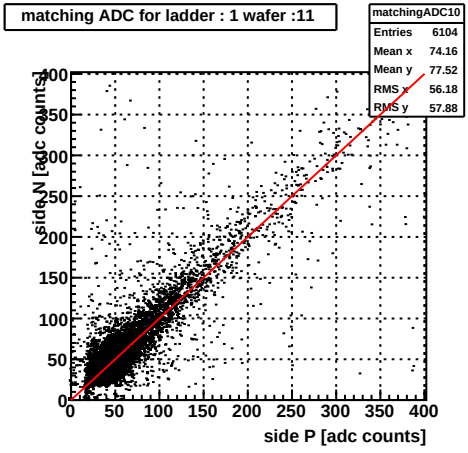

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 14971
Mean x 72.71
Mean y 77.9
RMS x 54.49
RMS y 57.03
side N [adc counts]
side P [adc counts]

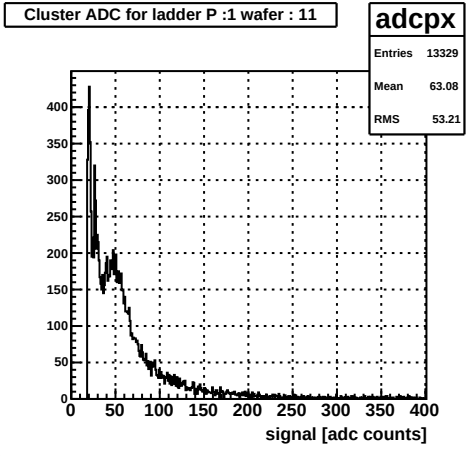

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 25264
Mean 51
RMS 43.08
signal [adc counts]

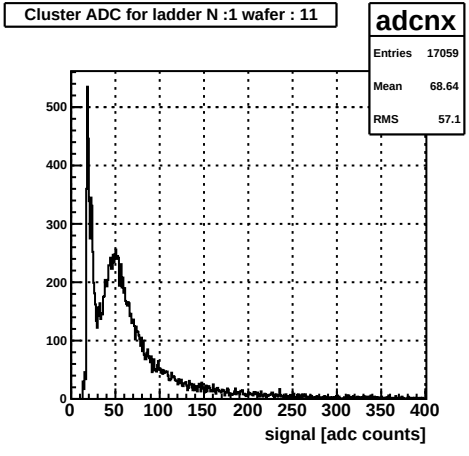

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 22849
Mean 71.27
RMS 58.58
signal [adc counts]

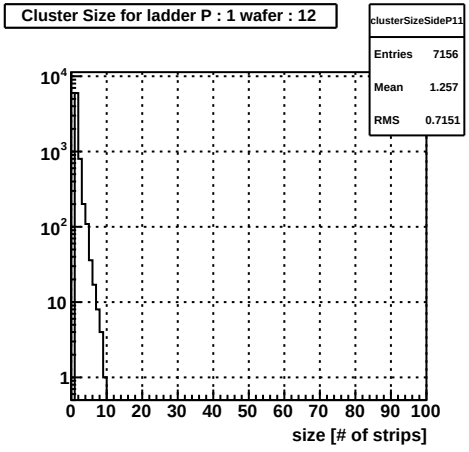

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 13329
Mean 1.233
RMS 0.5637
size [# of strips]

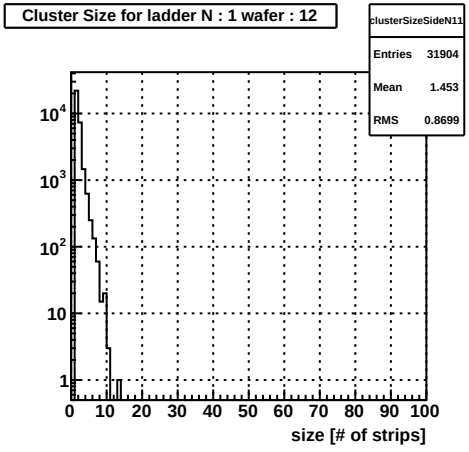

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 17059
Mean 1.477
RMS 0.7614
size [# of strips]

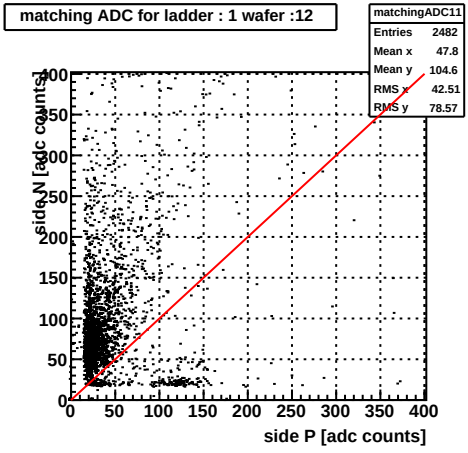

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 6104
Mean x 74.16
Mean y 77.52
RMS x 56.18
RMS y 57.88
side N [adc counts]
side P [adc counts]

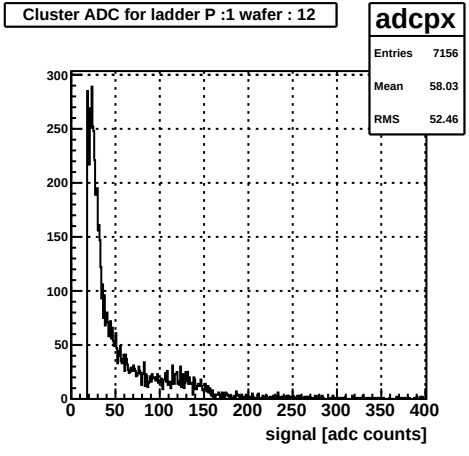

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 13329
Mean 63.08
RMS 53.21
signal [adc counts]

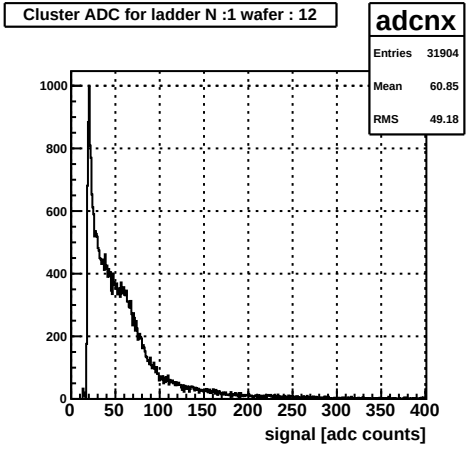

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 17059
Mean 68.64
RMS 57.1
signal [adc counts]

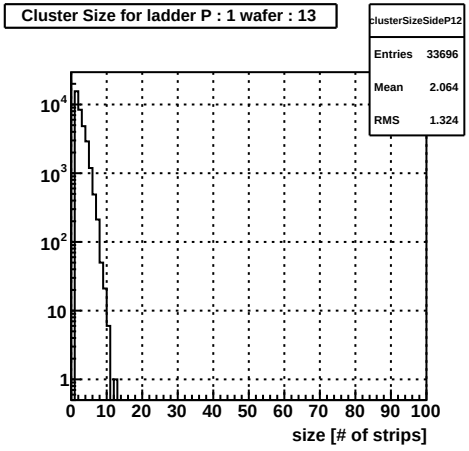

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 7156
Mean 1.257
RMS 0.7151
size [# of strips]

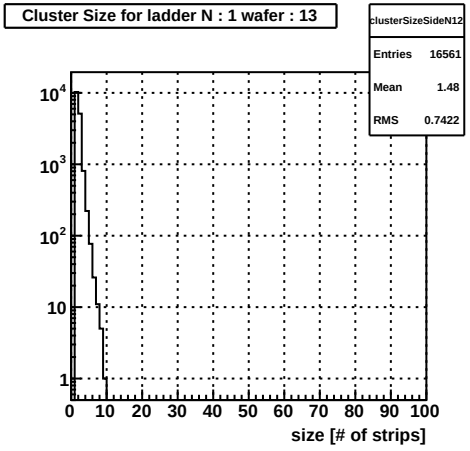

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 31904
Mean 1.453
RMS 0.8699
size [# of strips]

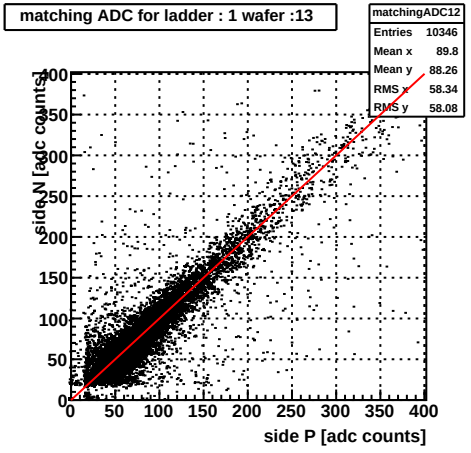

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2482
Mean x 47.8
Mean y 104.6
RMS x 42.51
RMS y 78.57
side N [adc counts]
side P [adc counts]

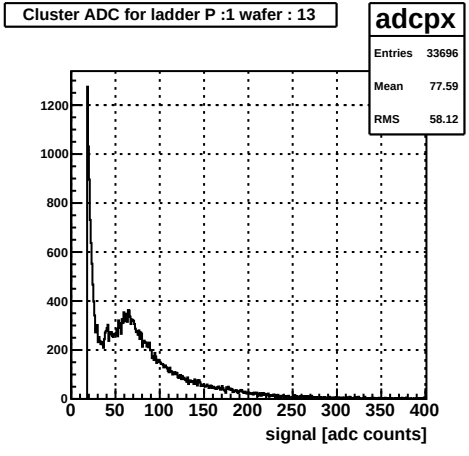

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 7156
Mean 58.03
RMS 52.46
signal [adc counts]

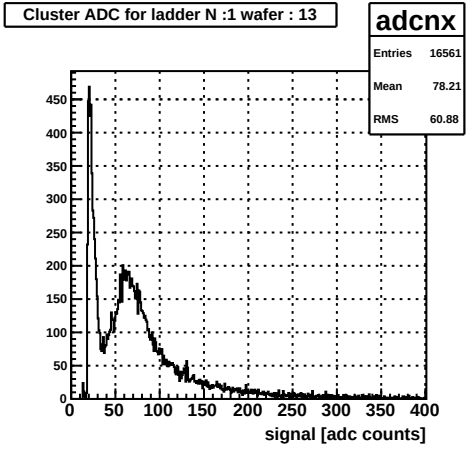

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 31904
Mean 60.85
RMS 49.18
signal [adc counts]

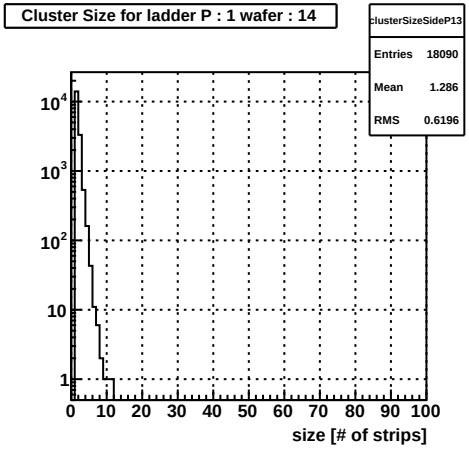

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 33696
Mean 2.064
RMS 1.324
size [# of strips]

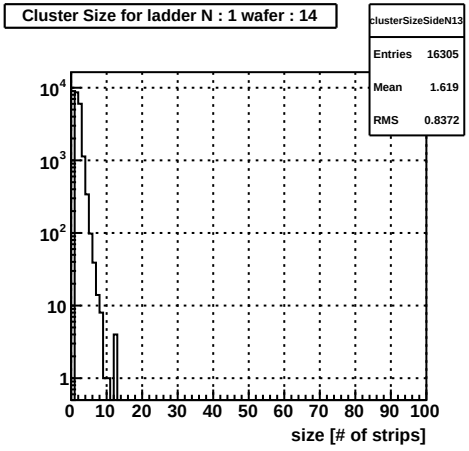

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 16561
Mean 1.48
RMS 0.7422
size [# of strips]

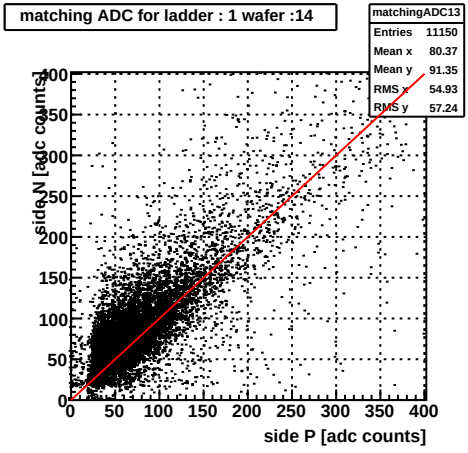

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 10346
Mean x 89.8
Mean y 88.26
RMS x 58.34
RMS y 58.08
side N [adc counts]
side P [adc counts]

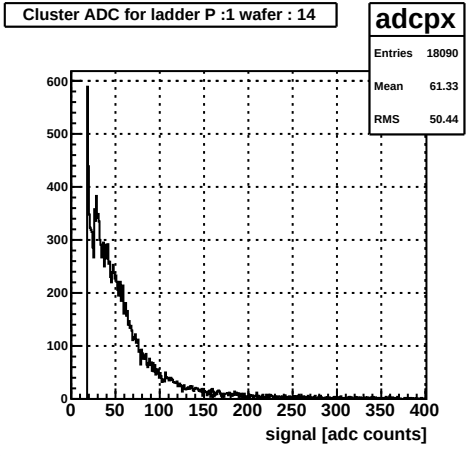

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 33696
Mean 77.59
RMS 58.12
signal [adc counts]

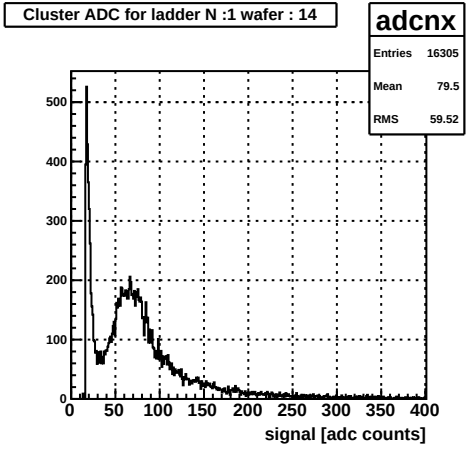

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 16561
Mean 78.21
RMS 60.88
signal [adc counts]

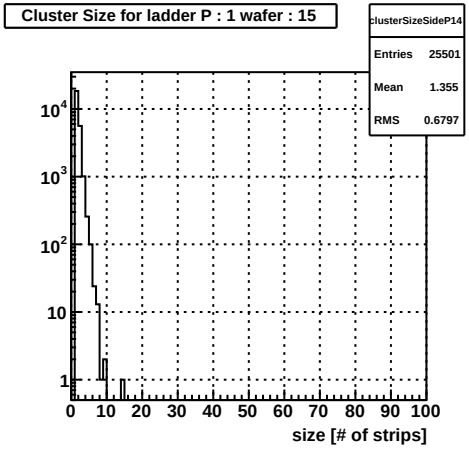

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 18090
Mean 1.286
RMS 0.6196
size [# of strips]

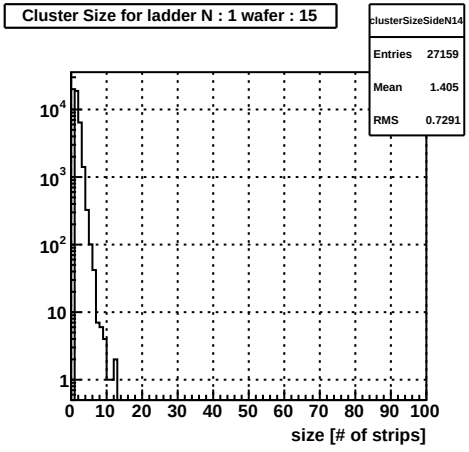

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 16305
Mean 1.619
RMS 0.8372
size [# of strips]

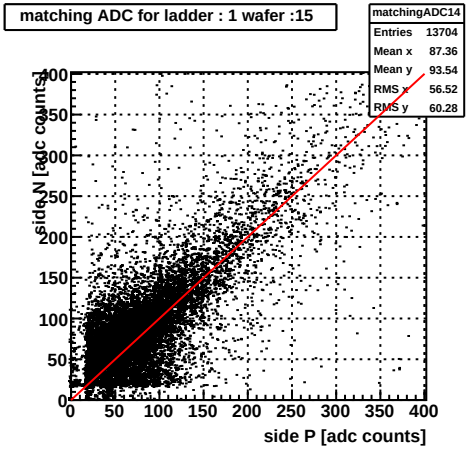

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 11150
Mean x 80.37
Mean y 91.35
RMS x 54.93
RMS y 57.24
side N [adc counts]
side P [adc counts]

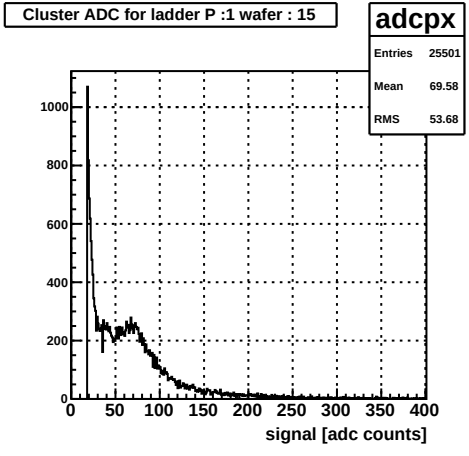

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 18090
Mean 61.33
RMS 50.44
signal [adc counts]

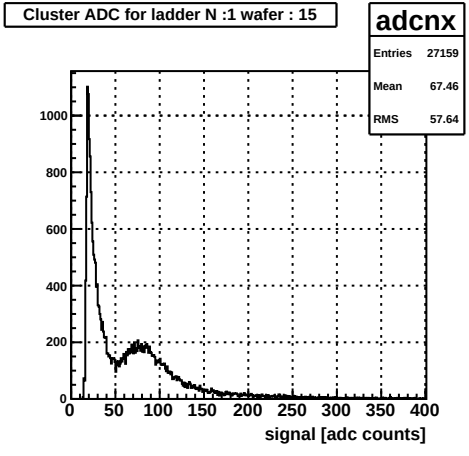

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 16305
Mean 79.5
RMS 59.52
signal [adc counts]

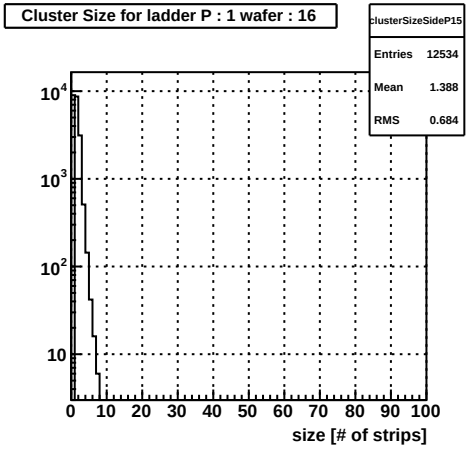

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 25501
Mean 1.355
RMS 0.6797
size [# of strips]

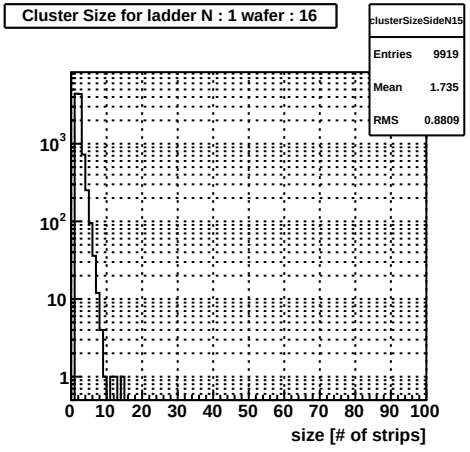

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 27159
Mean 1.405
RMS 0.7291
size [# of strips]

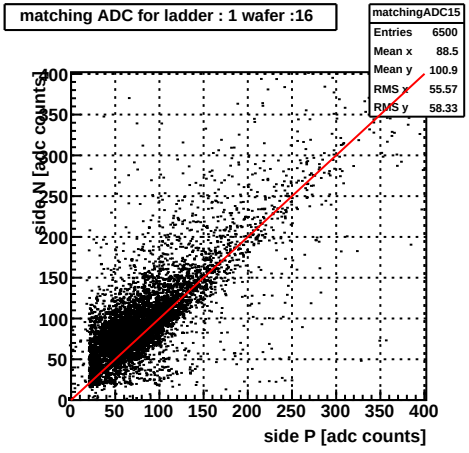

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 13704
Mean x 87.36
Mean y 93.54
RMS x 56.52
RMS y 60.28
side N [adc counts]
side P [adc counts]

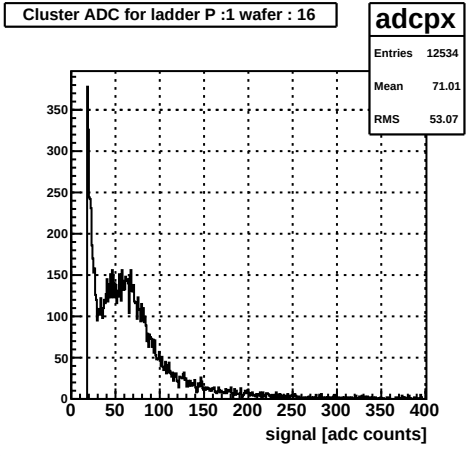

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 25501
Mean 69.58
RMS 53.68
signal [adc counts]

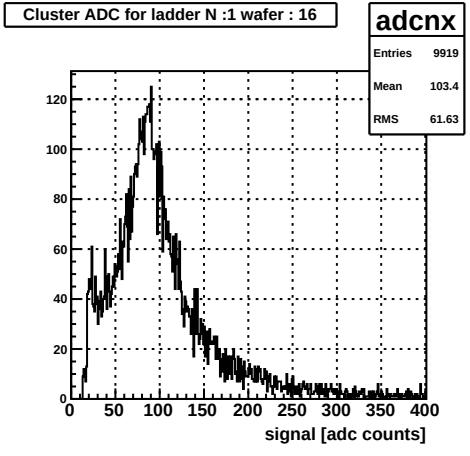

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 27159
Mean 67.46
RMS 57.64
signal [adc counts]

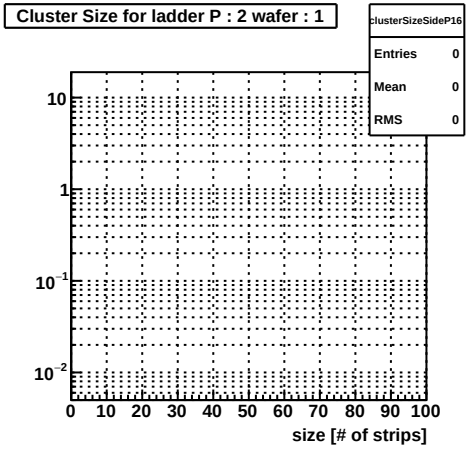

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 12534
Mean 1.388
RMS 0.684
size [# of strips]

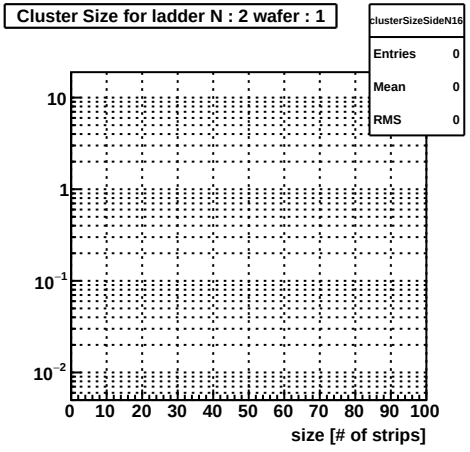

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 9919
Mean 1.735
RMS 0.8809
size [# of strips]

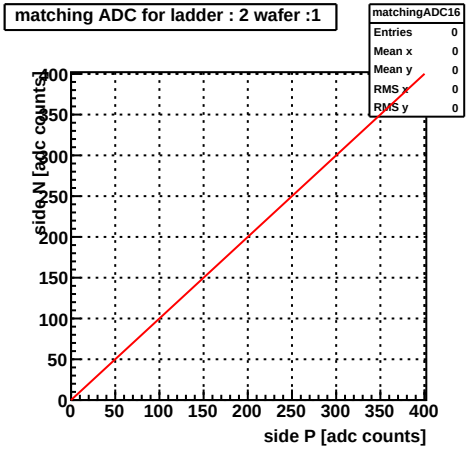

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 6500
Mean x 88.5
Mean y 100.9
RMS x 55.57
RMS y 58.33
side N [adc counts]
side P [adc counts]

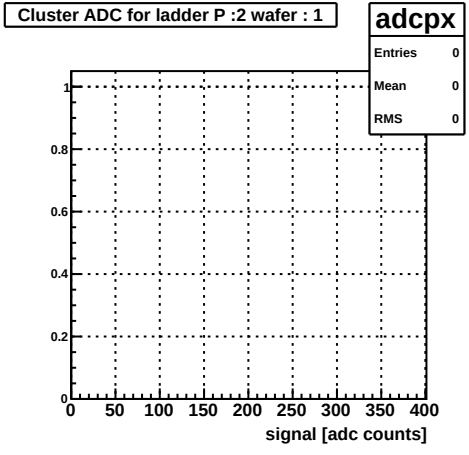

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 12534
Mean 71.01
RMS 53.07
signal [adc counts]

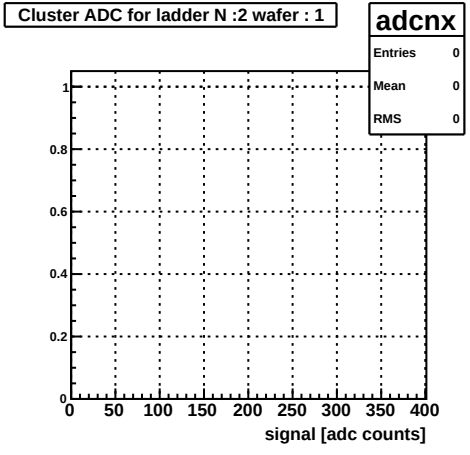

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 9919
Mean 103.4
RMS 61.63
signal [adc counts]

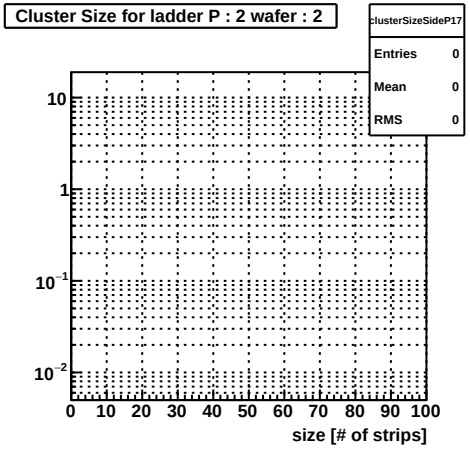

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

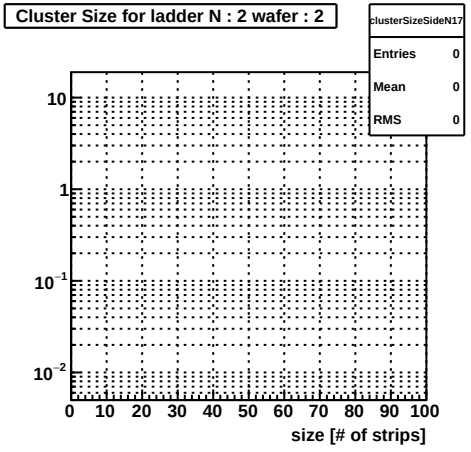

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

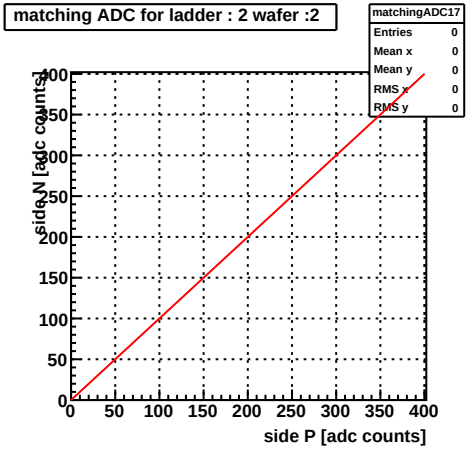

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

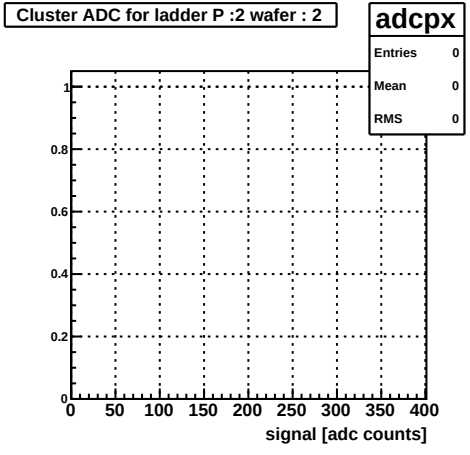

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

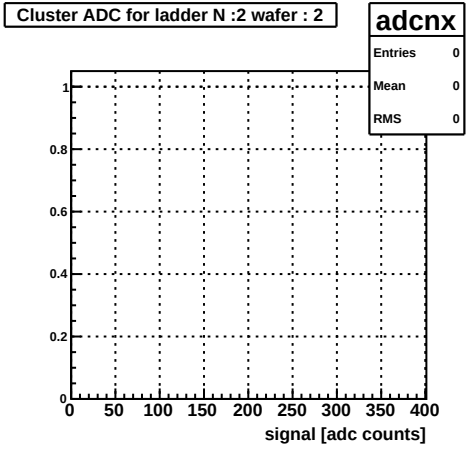

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

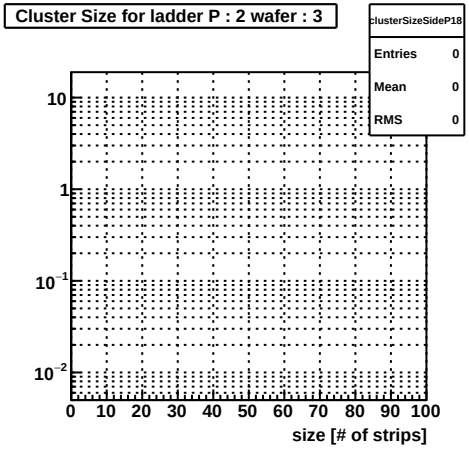

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

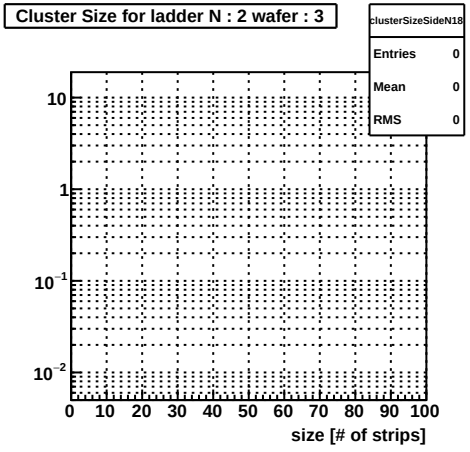

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

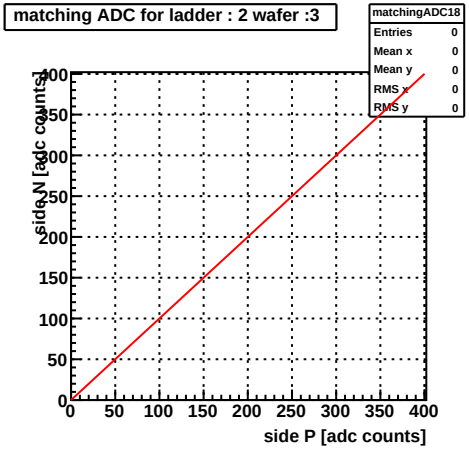

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

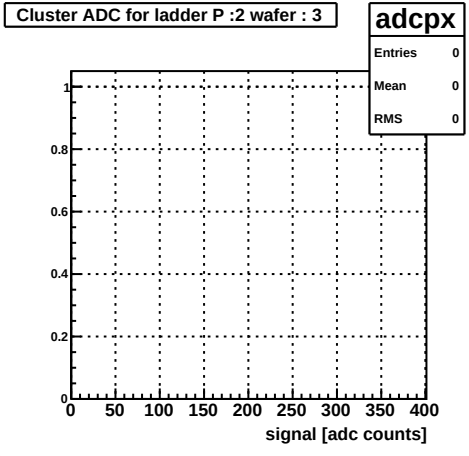

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

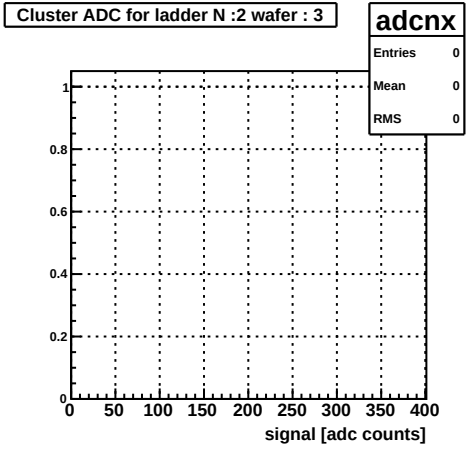

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

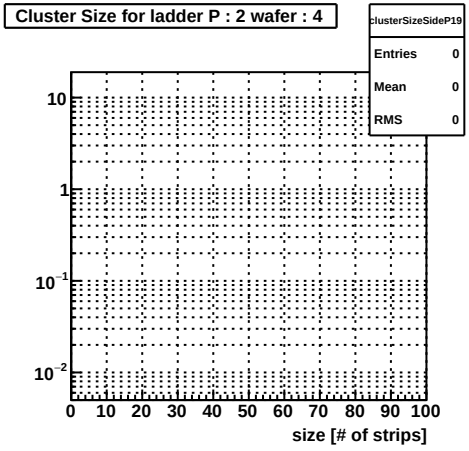

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

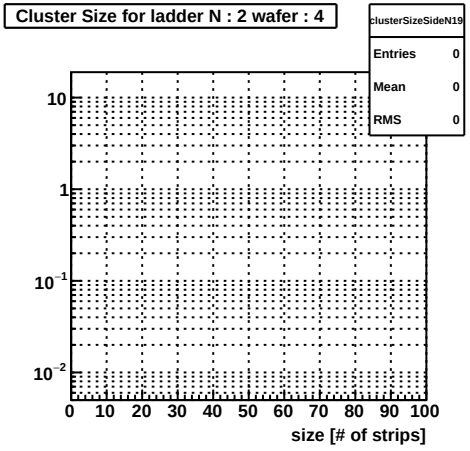

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

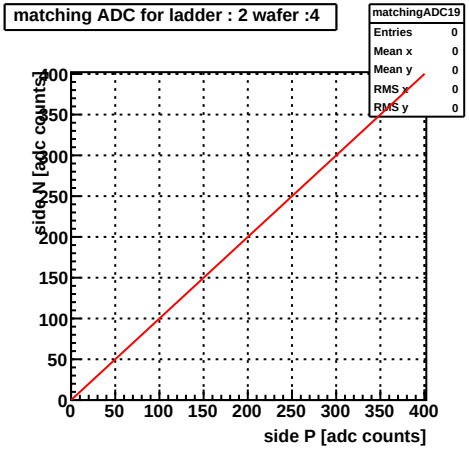

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

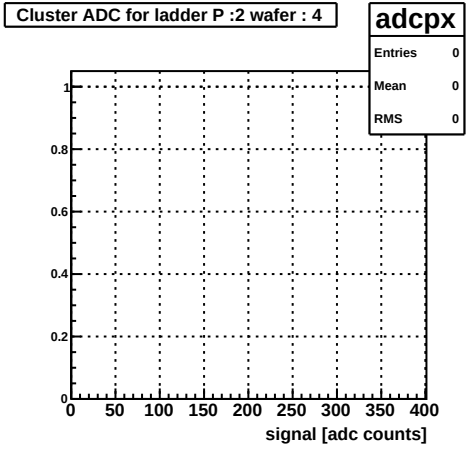

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

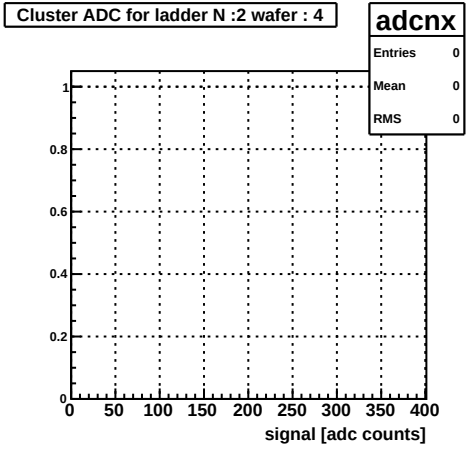

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

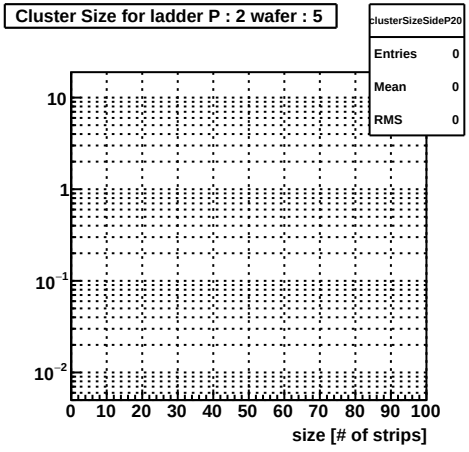

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

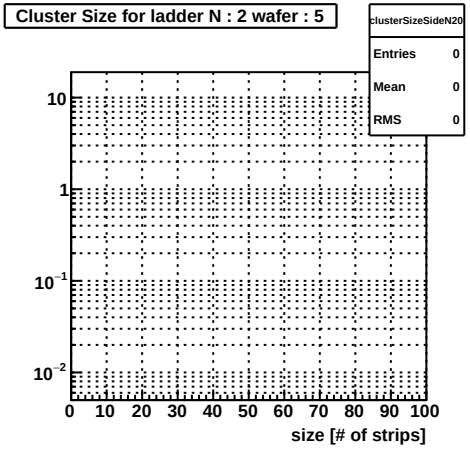

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

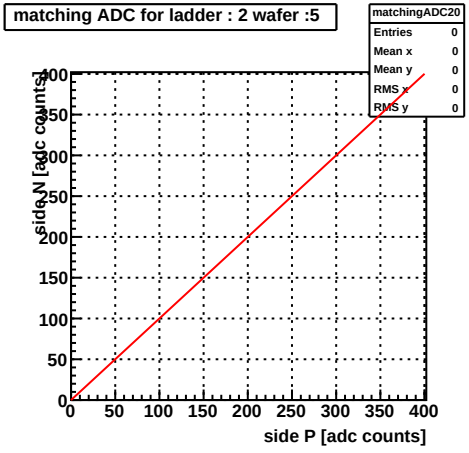

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

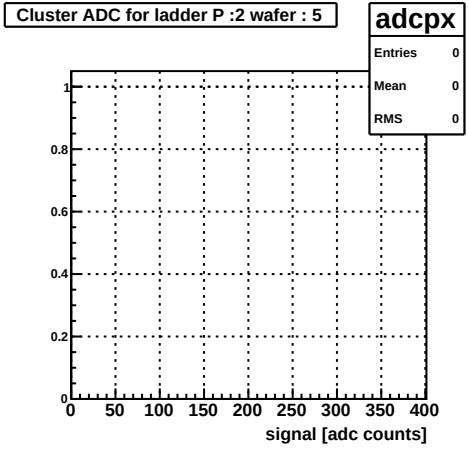

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

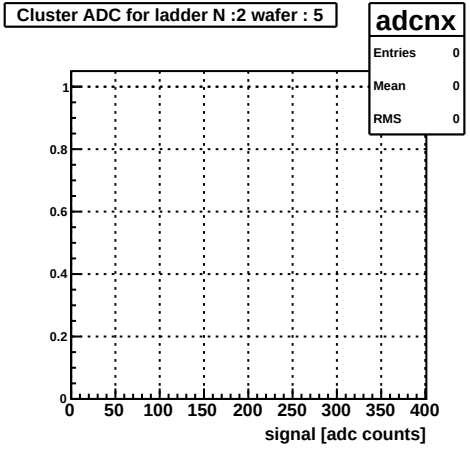

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

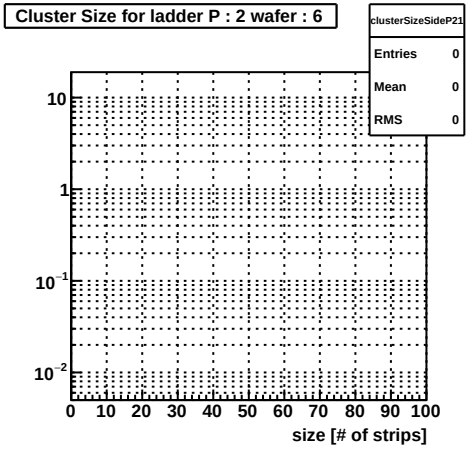

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

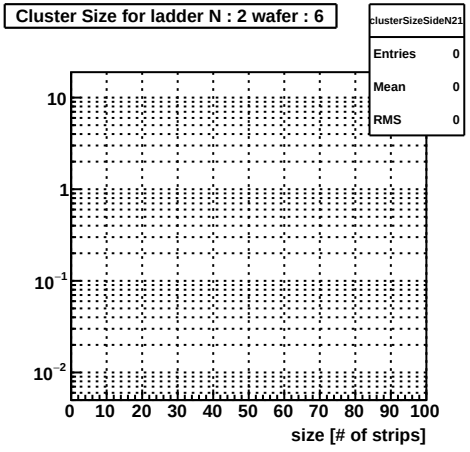

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

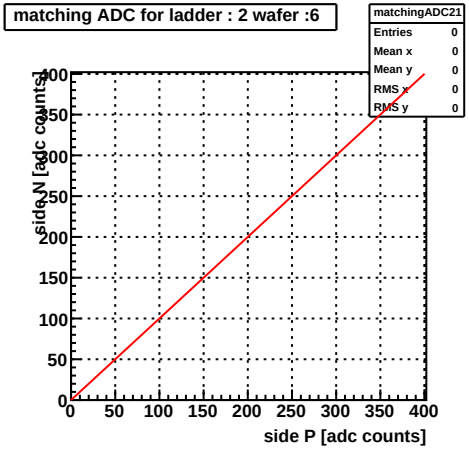

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

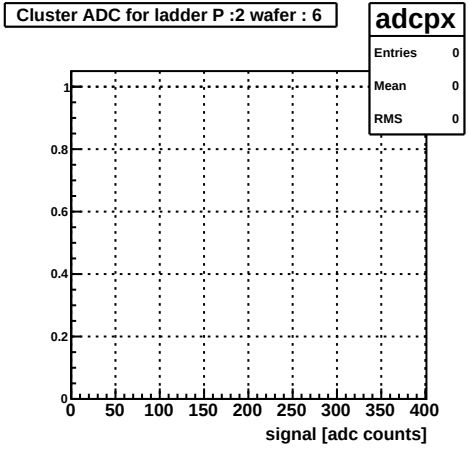

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

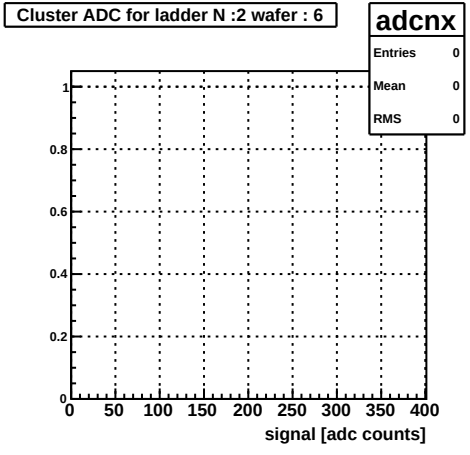

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

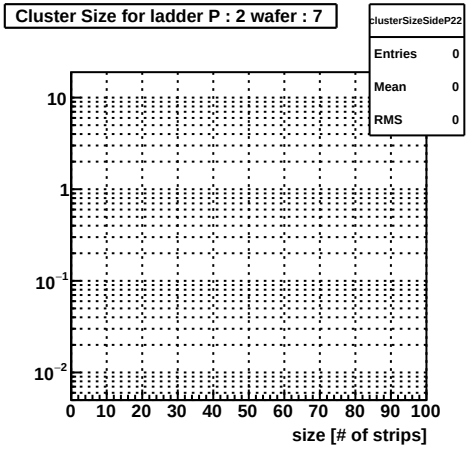

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

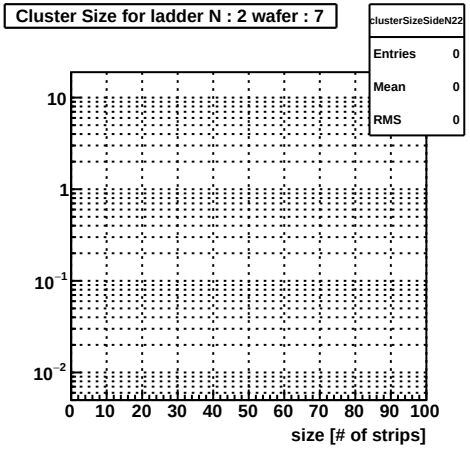

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

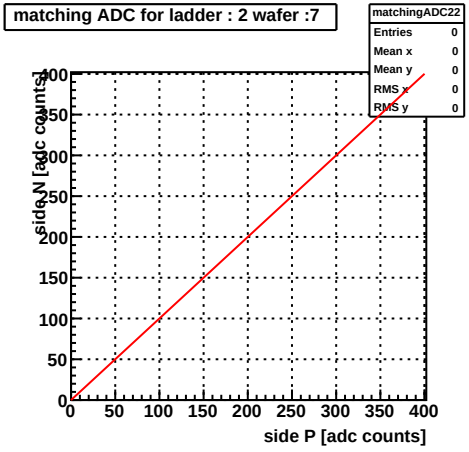

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

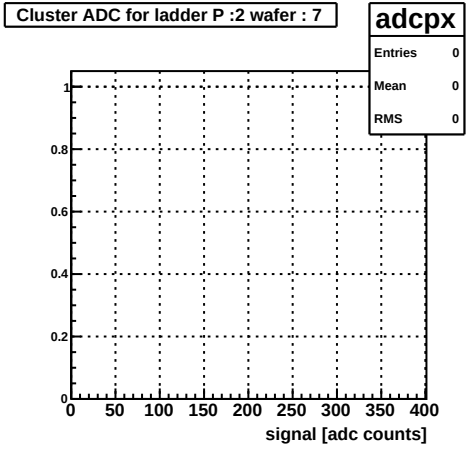

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

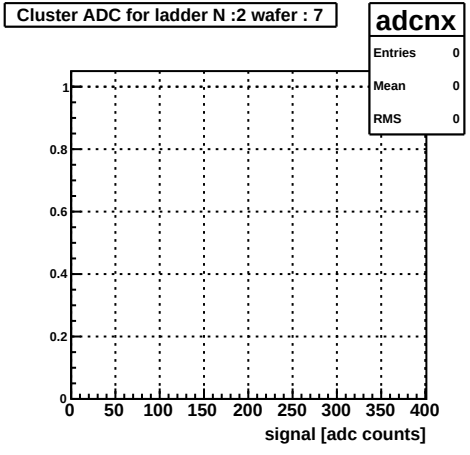

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

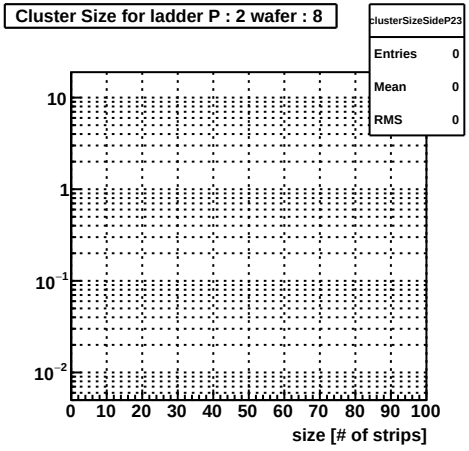

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

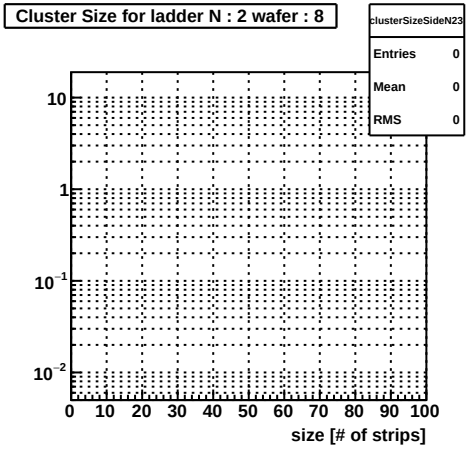

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

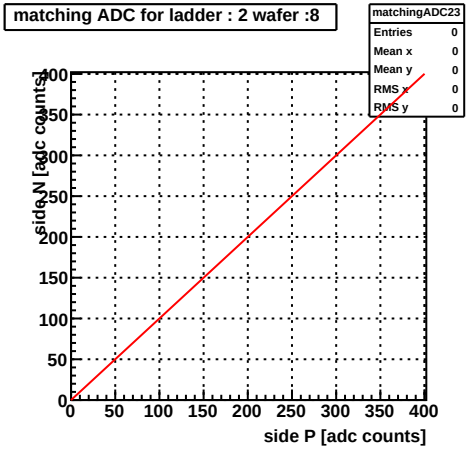

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

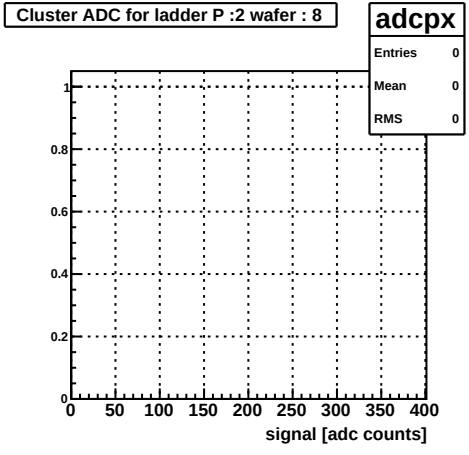

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

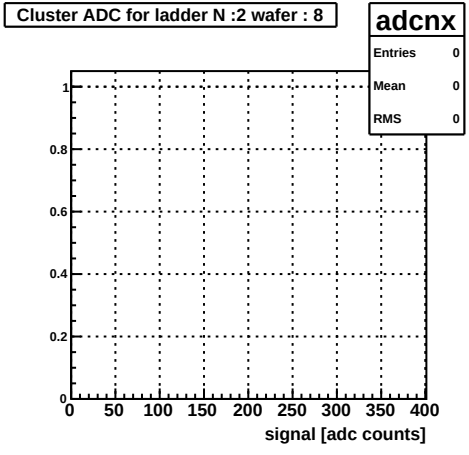

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

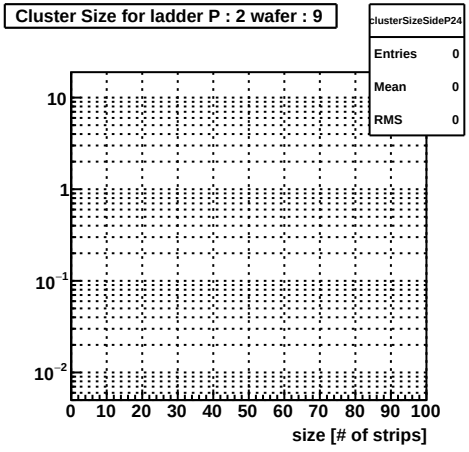

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

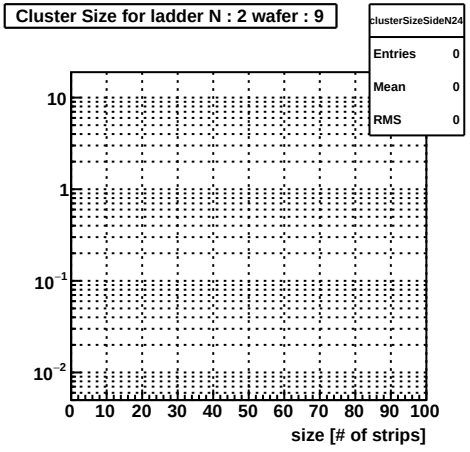

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

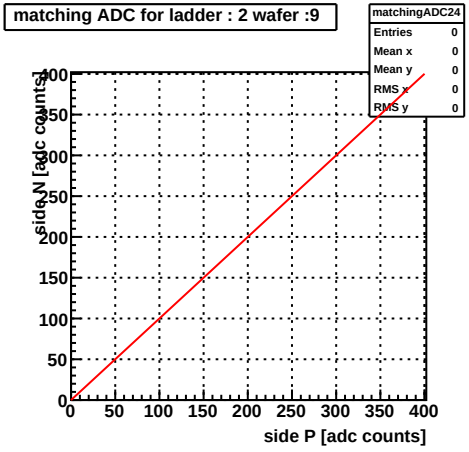

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

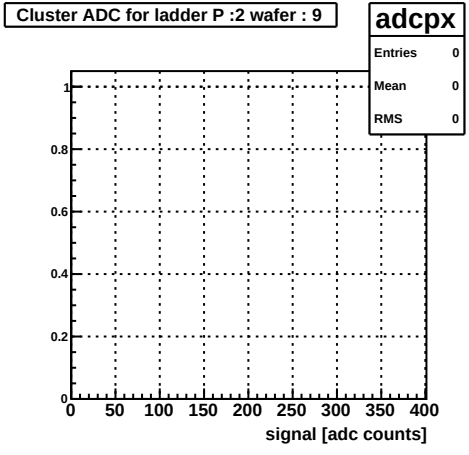

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

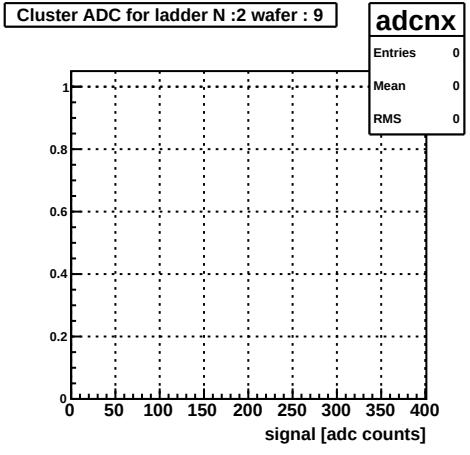

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

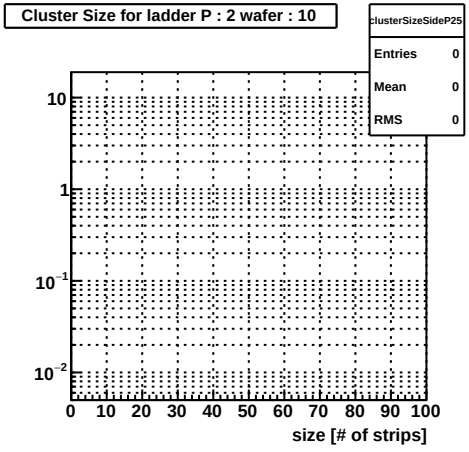

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

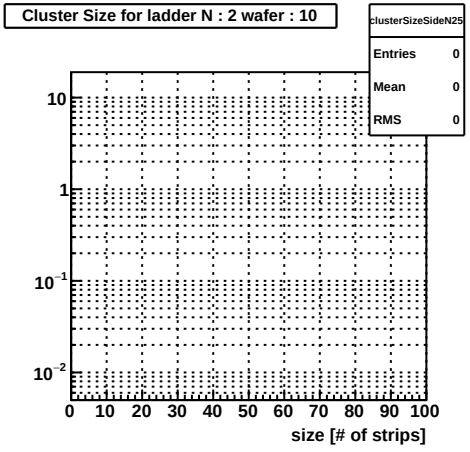

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

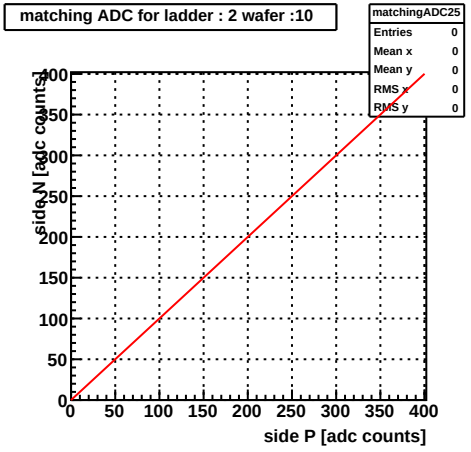

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

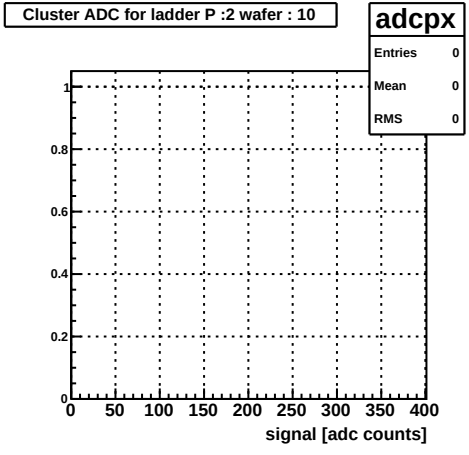

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

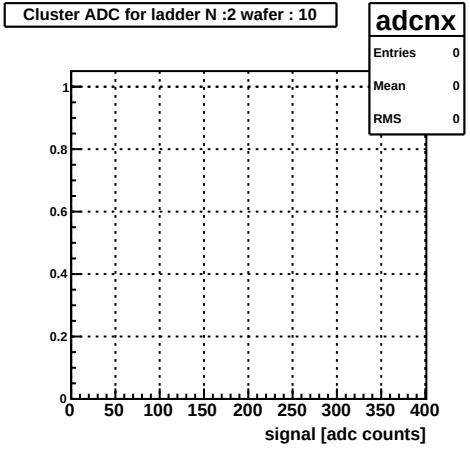

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

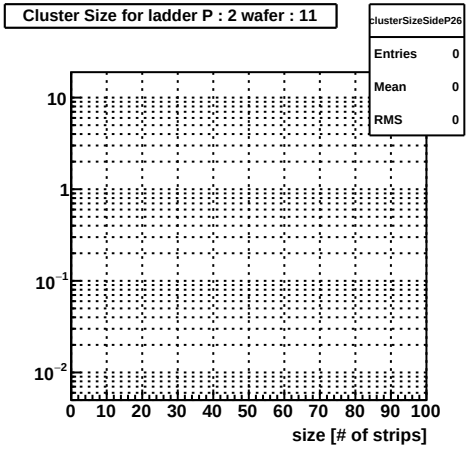

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

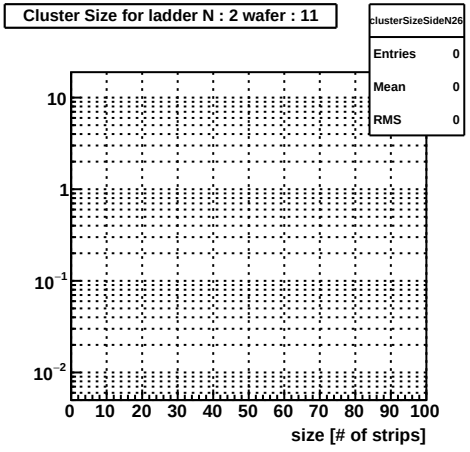

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

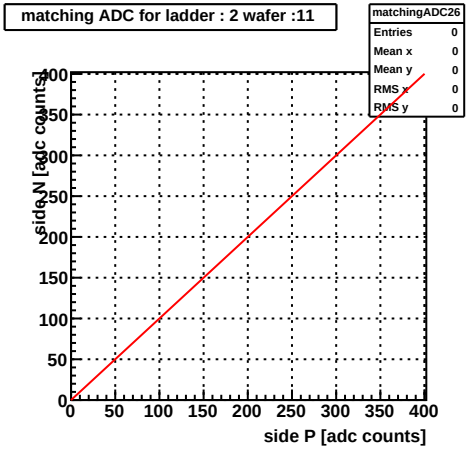

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

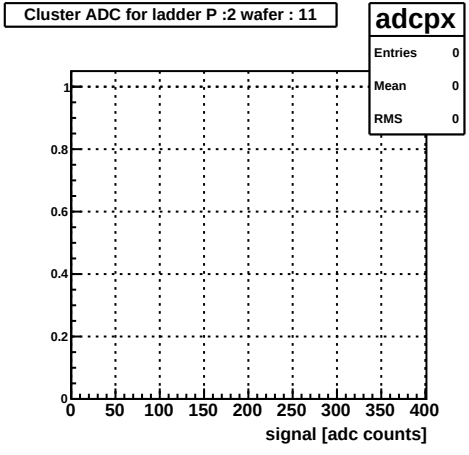

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

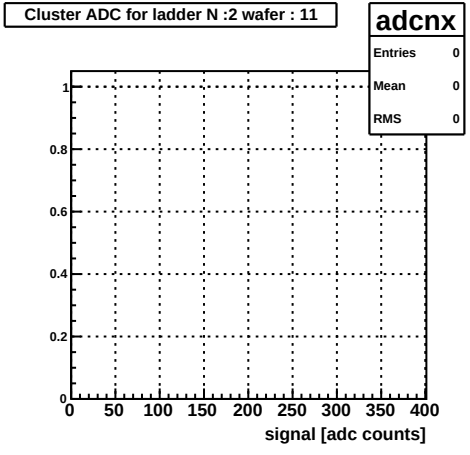

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

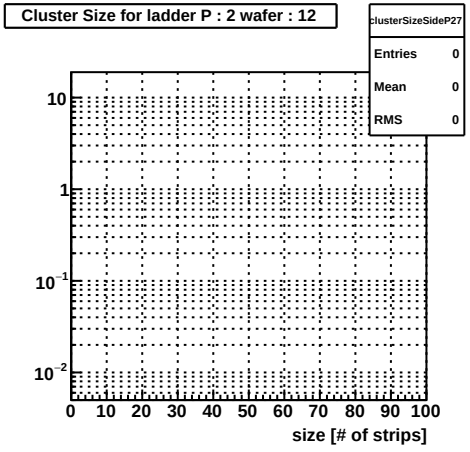

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

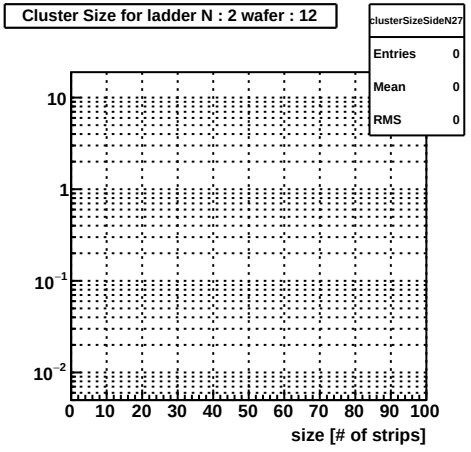

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

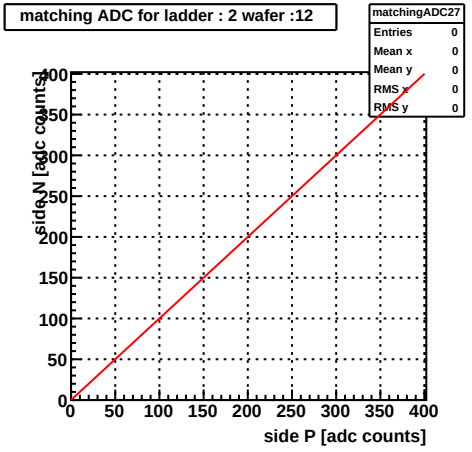

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

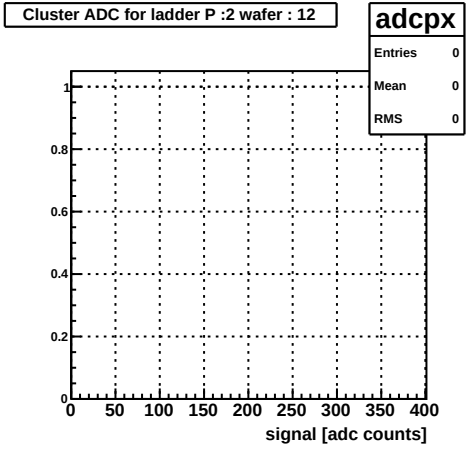

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

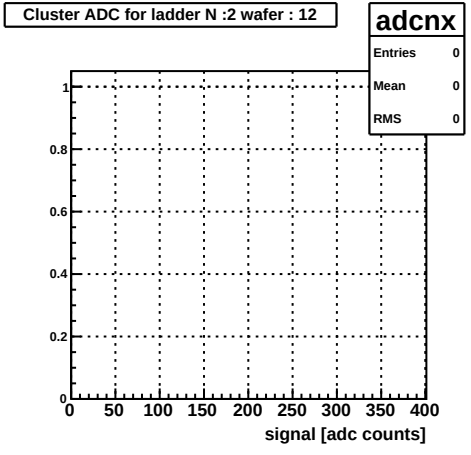

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

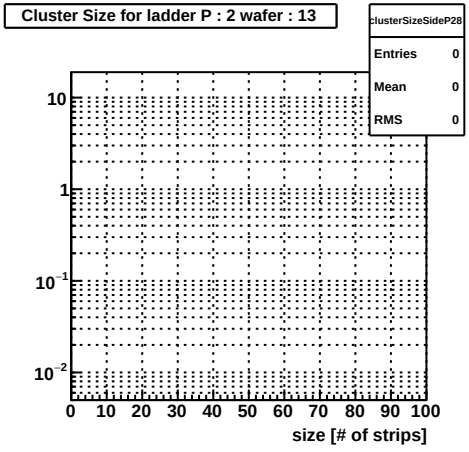

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

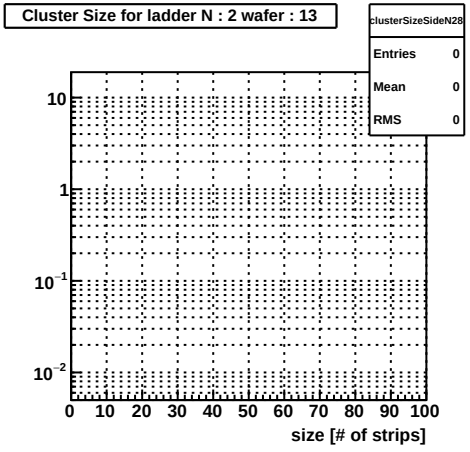

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

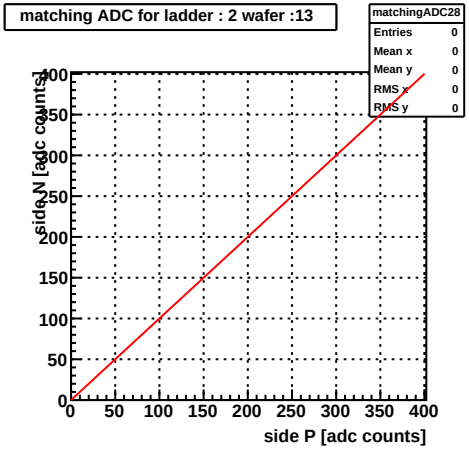

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

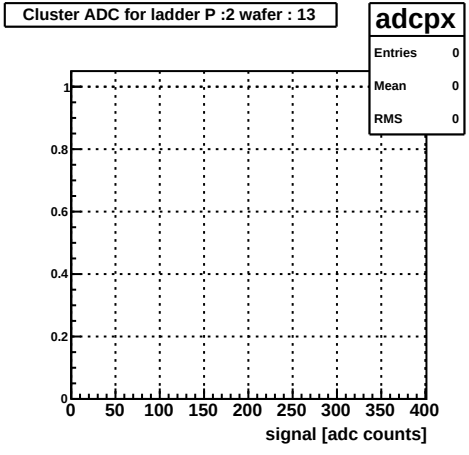

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

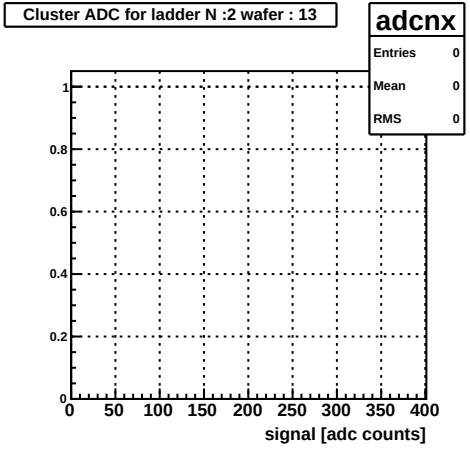

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

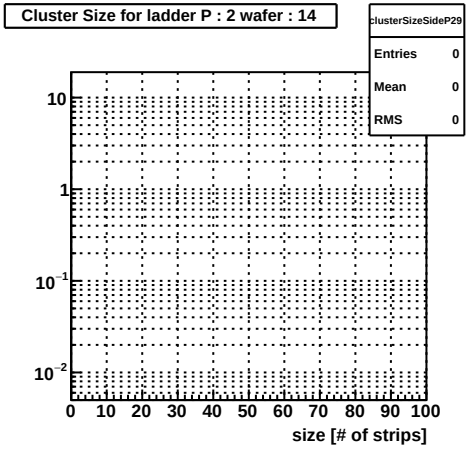

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

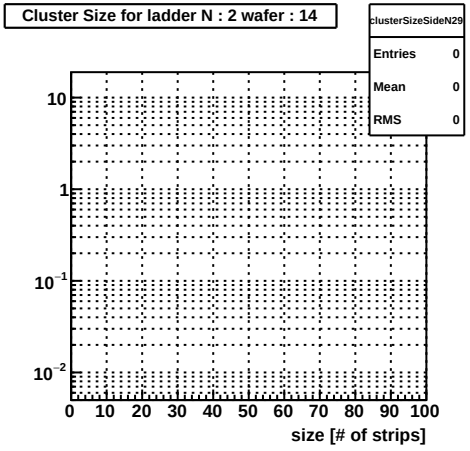

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

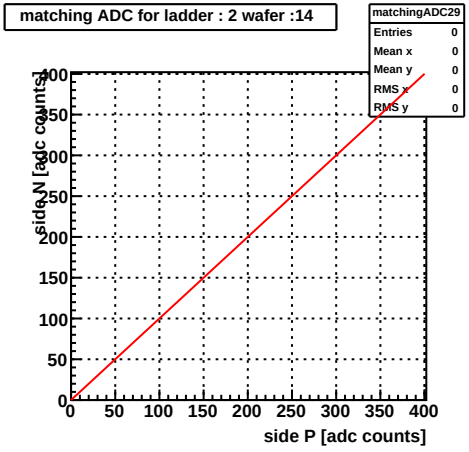

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

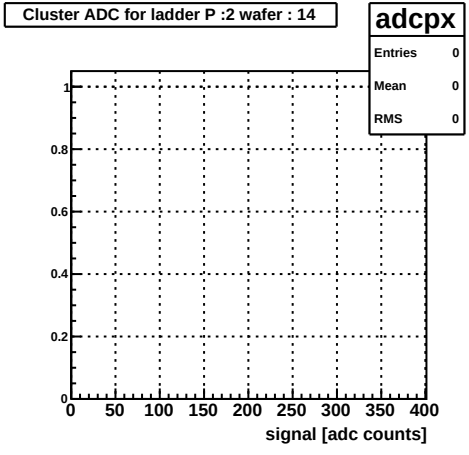

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

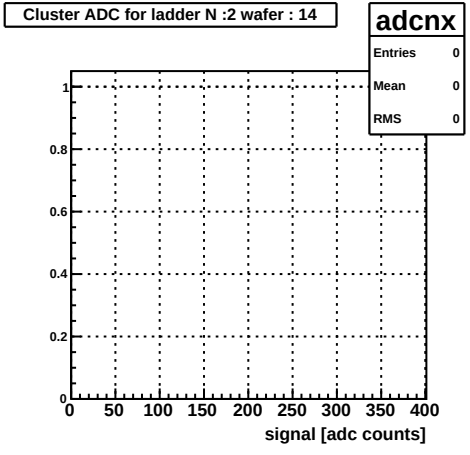

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

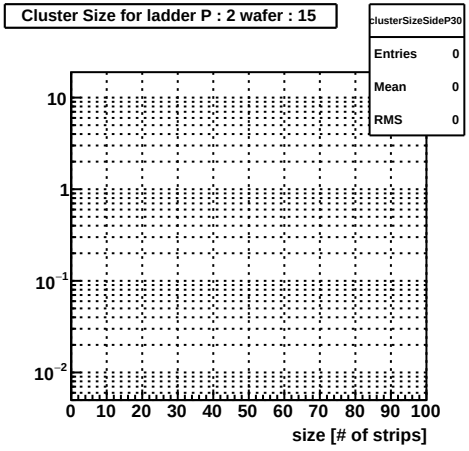

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

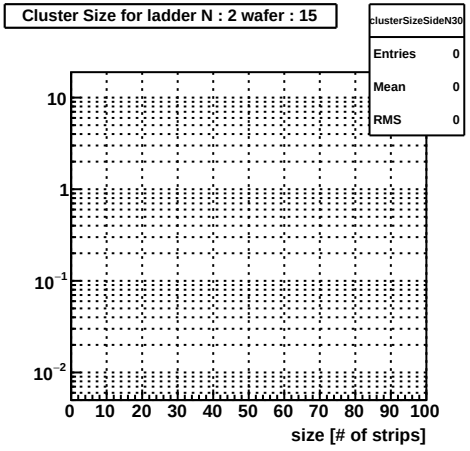

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

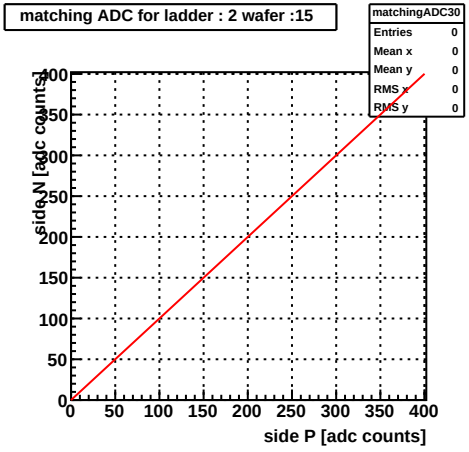

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

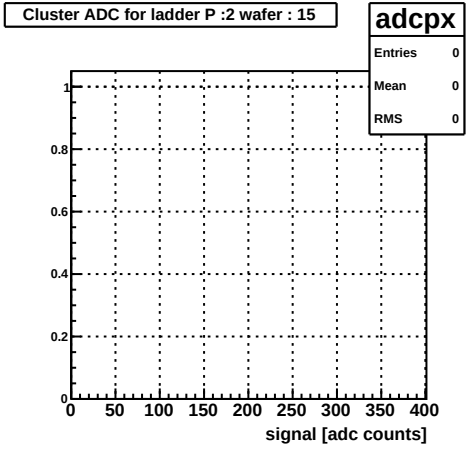

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

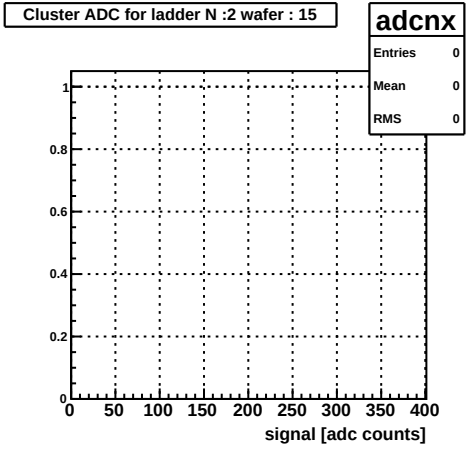

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

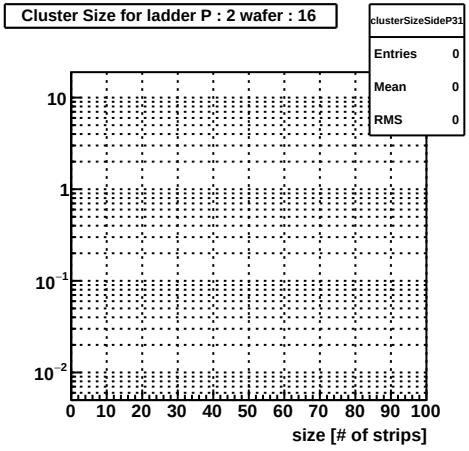

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

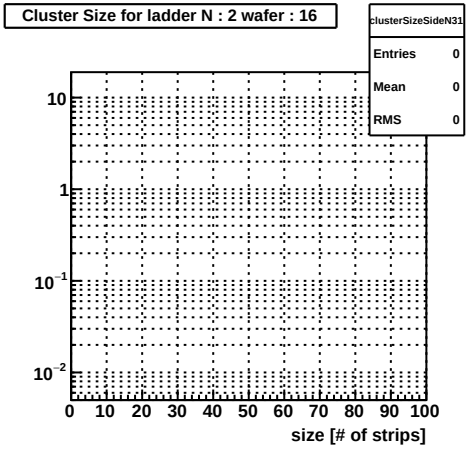

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

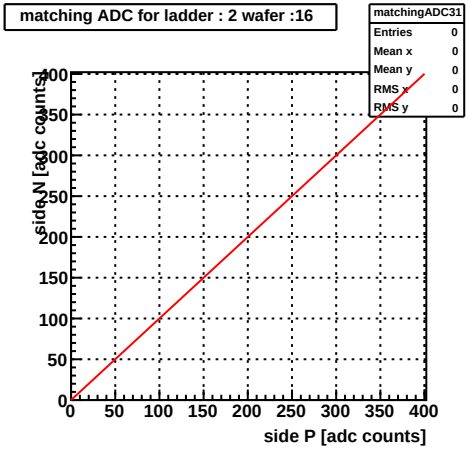

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

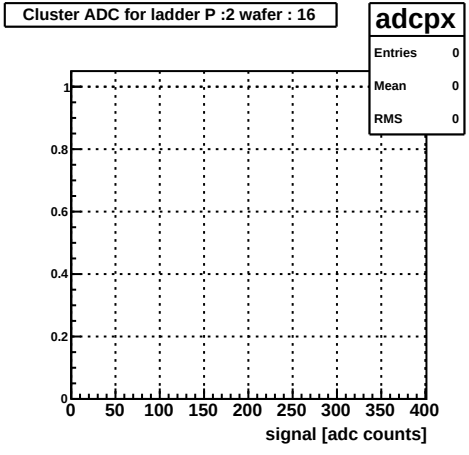

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

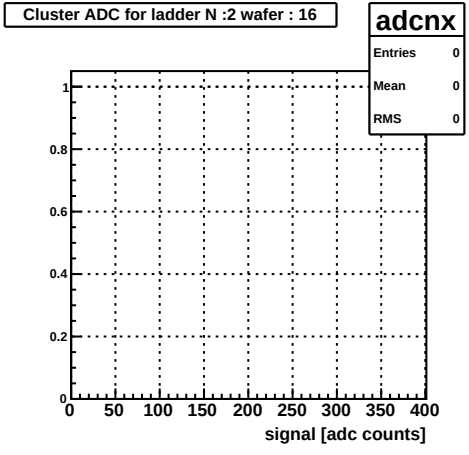

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

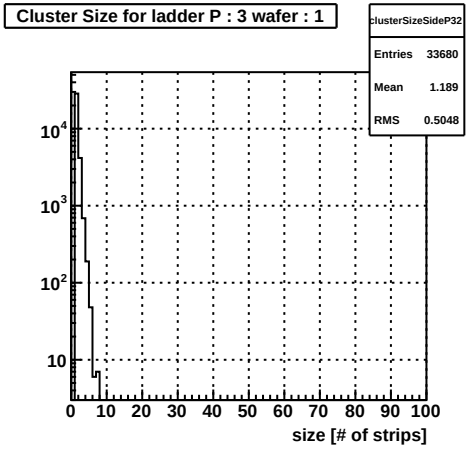

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

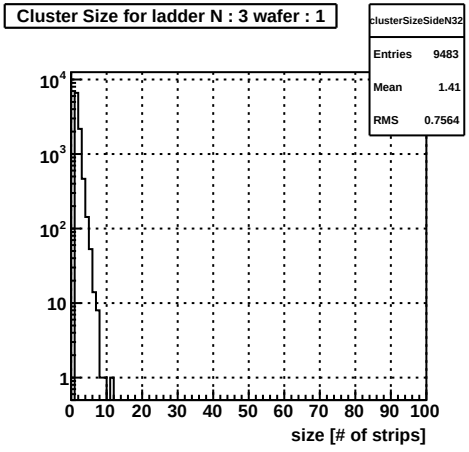

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

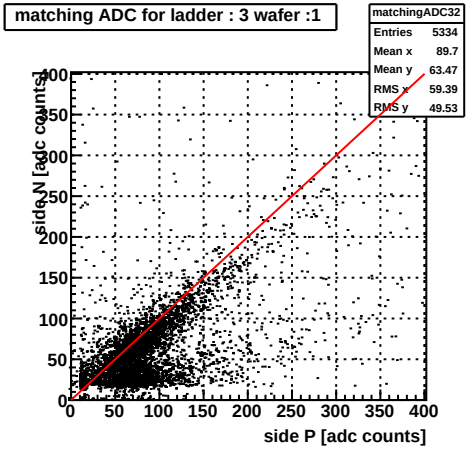

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

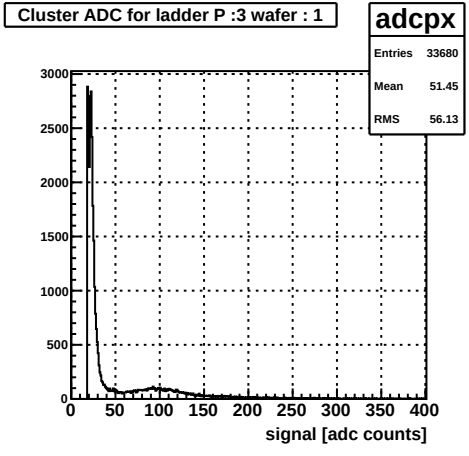

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

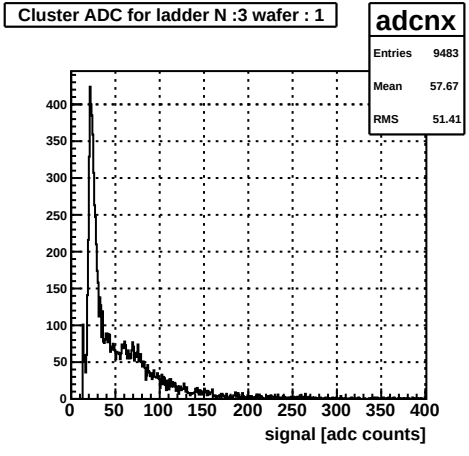

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

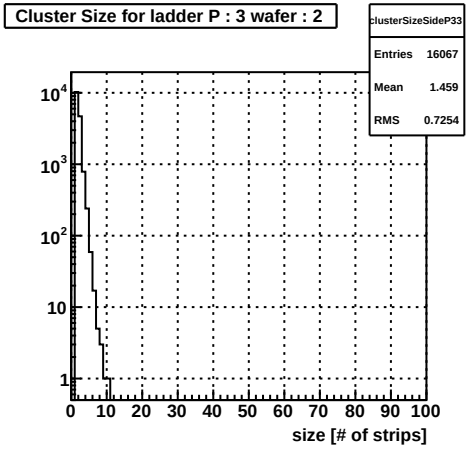

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 33680
Mean 1.189
RMS 0.5048
size [# of strips]

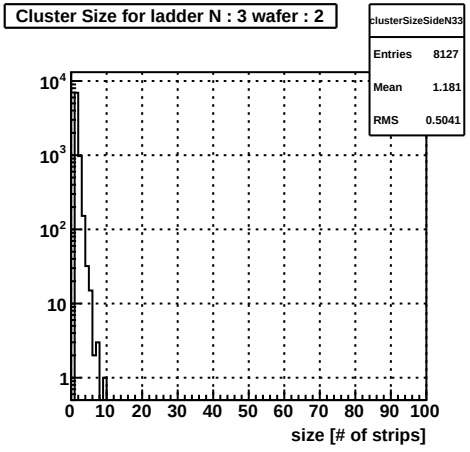

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 9483
Mean 1.41
RMS 0.7564
size [# of strips]

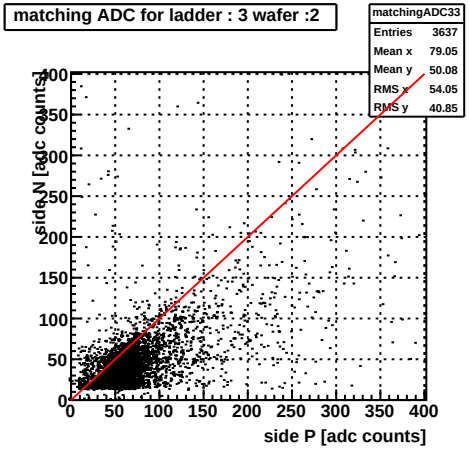

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 5334
Mean x 89.7
Mean y 63.47
RMS x 59.39
RMS y 49.53
side N [adc counts]
side P [adc counts]

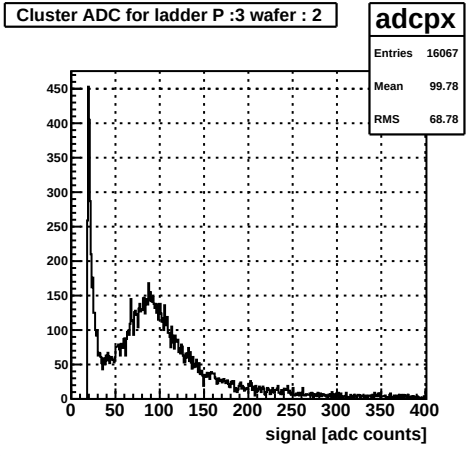

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 33680
Mean 51.45
RMS 56.13
signal [adc counts]

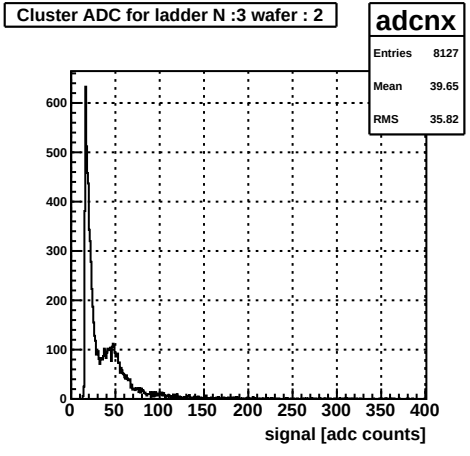

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 9483
Mean 57.67
RMS 51.41
signal [adc counts]

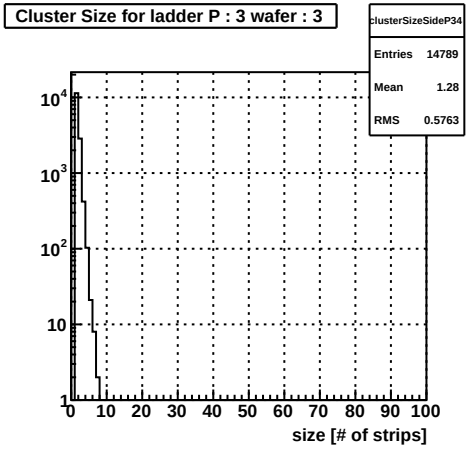

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 16067
Mean 1.459
RMS 0.7254
size [# of strips]

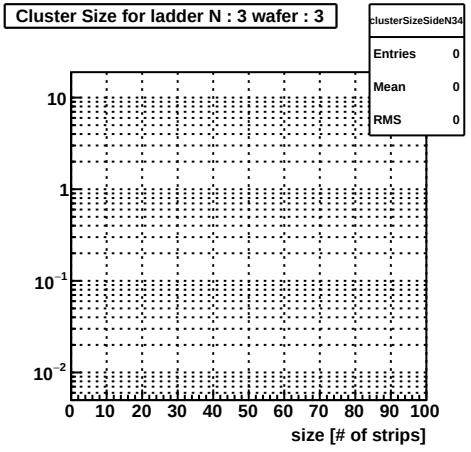

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 8127
Mean 1.181
RMS 0.5041
size [# of strips]

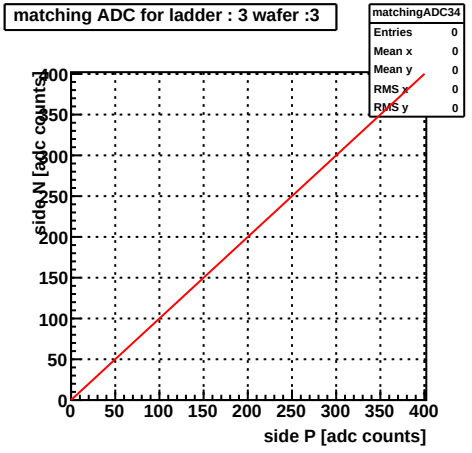

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3637
Mean x 79.05
Mean y 50.08
RMS x 54.05
RMS y 40.85
side N [adc counts]
side P [adc counts]

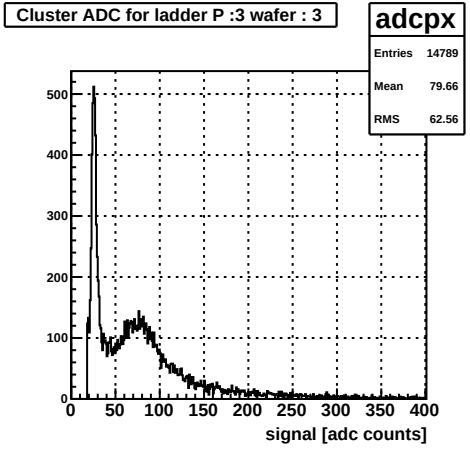

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 16067
Mean 99.78
RMS 68.78
signal [adc counts]

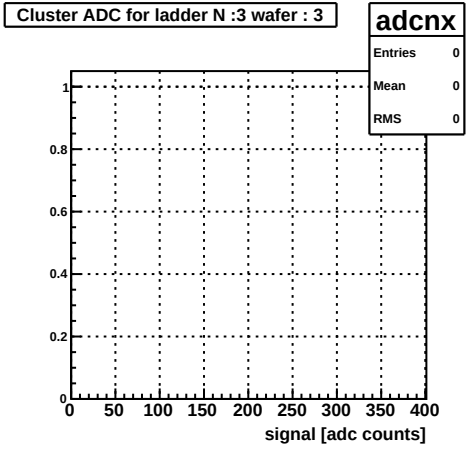

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 8127
Mean 39.65
RMS 35.82
signal [adc counts]

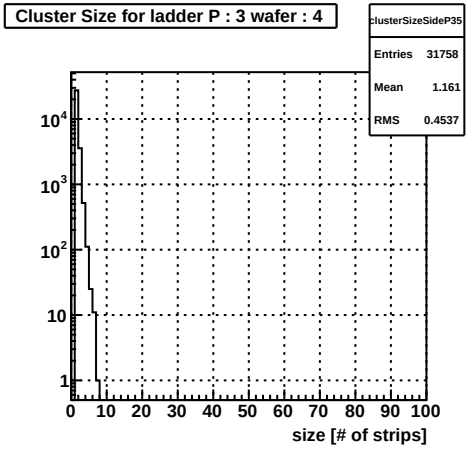

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 14789
Mean 1.28
RMS 0.5763
size [# of strips]

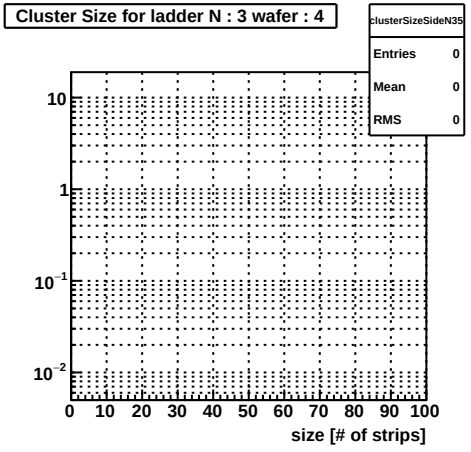

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

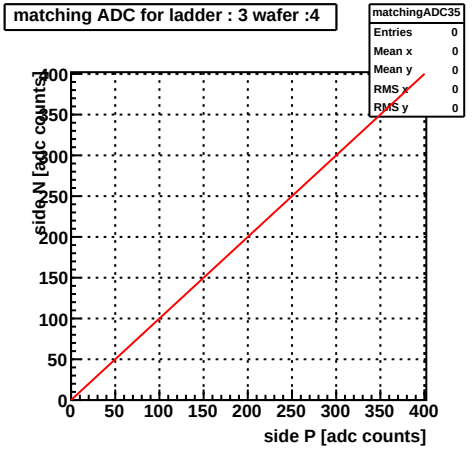

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

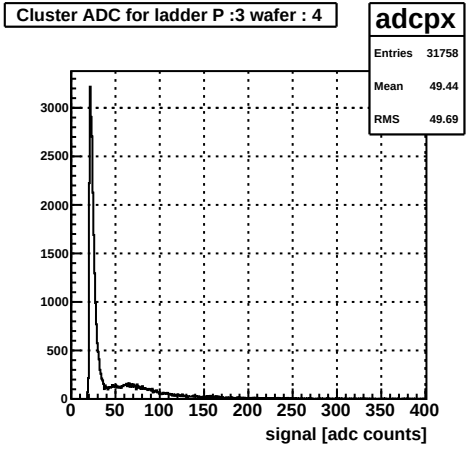

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 14789
Mean 79.66
RMS 62.56
signal [adc counts]

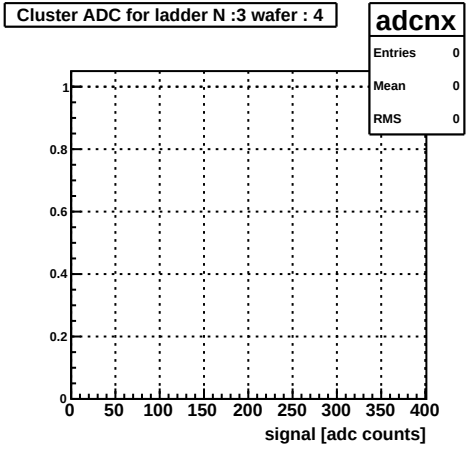

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

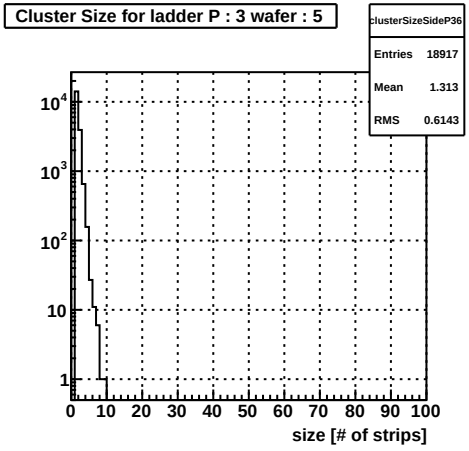

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 31758
Mean 1.161
RMS 0.4537
size [# of strips]

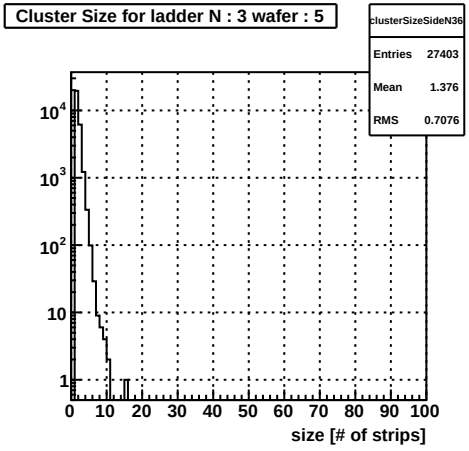

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

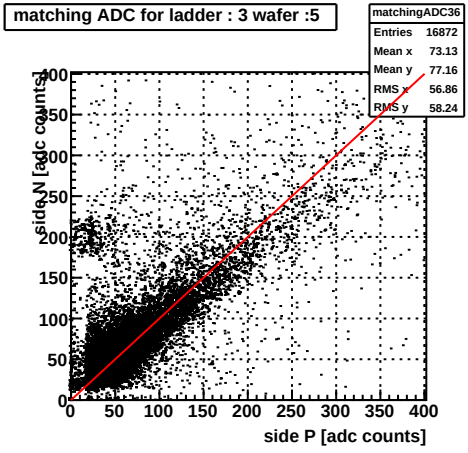

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

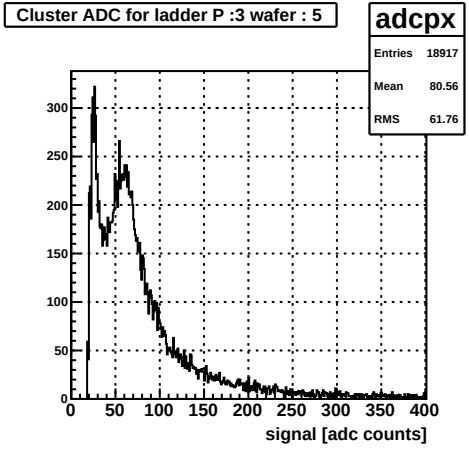

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 31758
Mean 49.44
RMS 49.69
signal [adc counts]

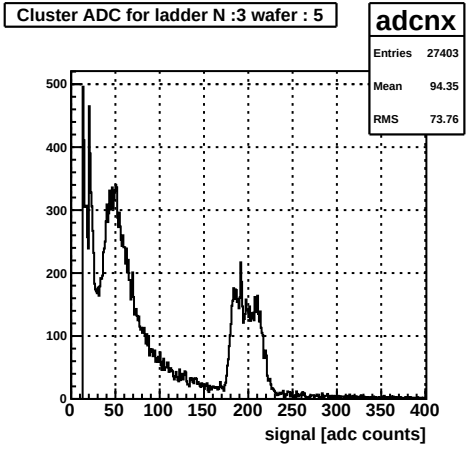

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

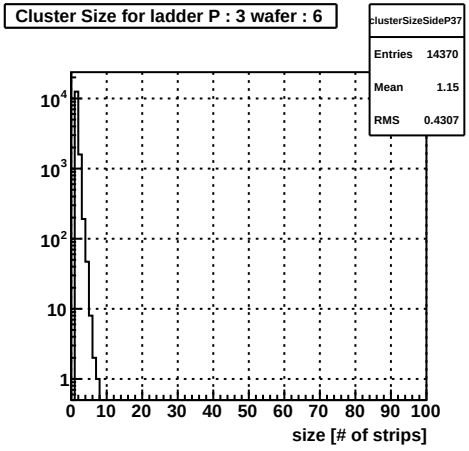

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 18917
Mean 1.313
RMS 0.6143
size [# of strips]

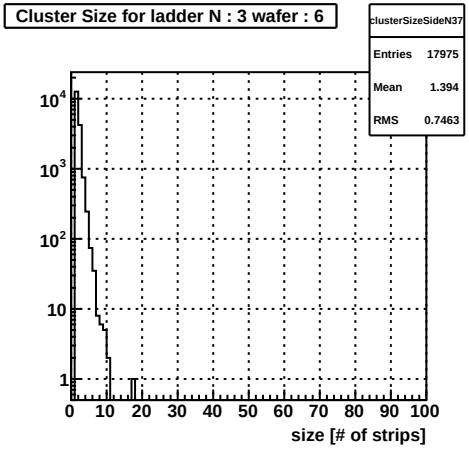

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 27403
Mean 1.376
RMS 0.7076
size [# of strips]

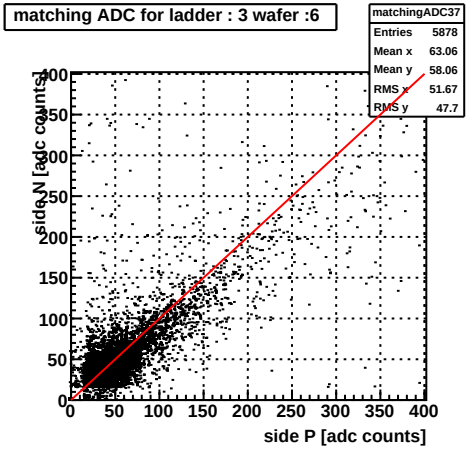

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 16872
Mean x 73.13
Mean y 77.16
RMS x 56.86
RMS y 58.24
side N [adc counts]
side P [adc counts]

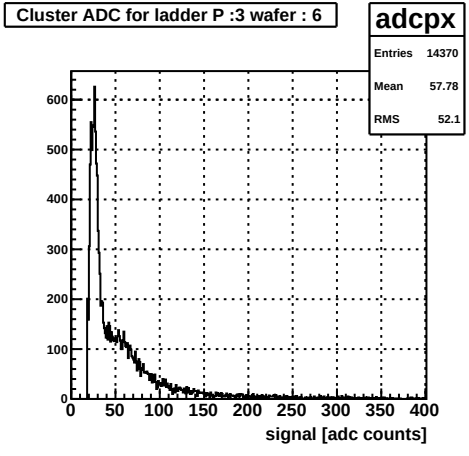

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 18917
Mean 80.56
RMS 61.76
signal [adc counts]

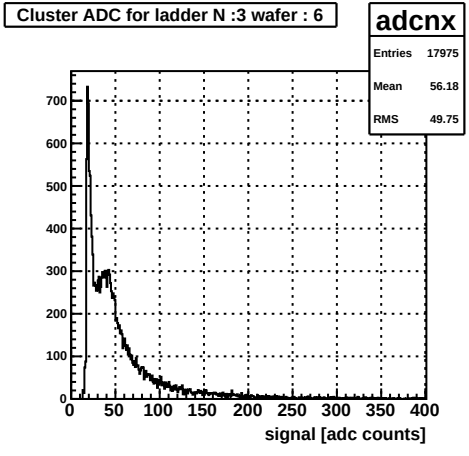

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 27403
Mean 94.35
RMS 73.76
signal [adc counts]

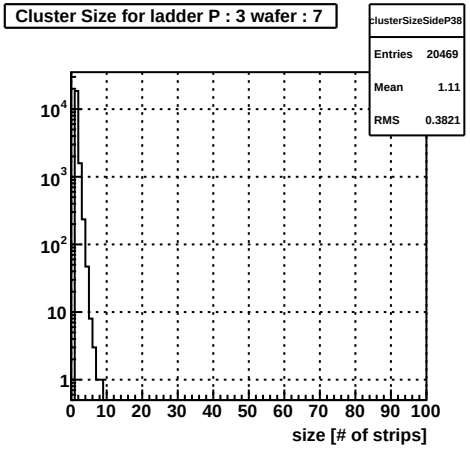

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 14370
Mean 1.15
RMS 0.4307
size [# of strips]

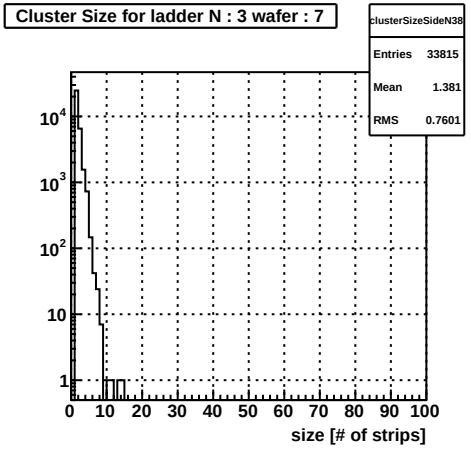

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 17975
Mean 1.394
RMS 0.7463
size [# of strips]

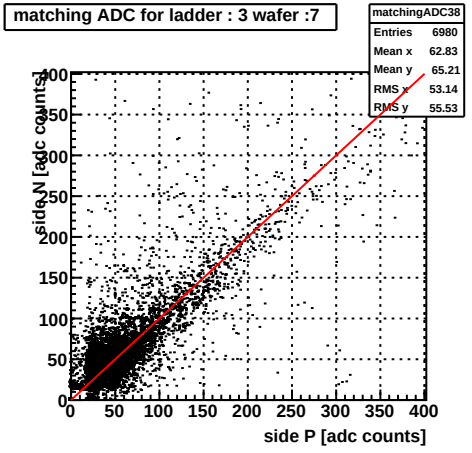

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 5878
Mean x 63.06
Mean y 58.06
RMS x 51.67
RMS y 47.7
side N [adc counts]
side P [adc counts]

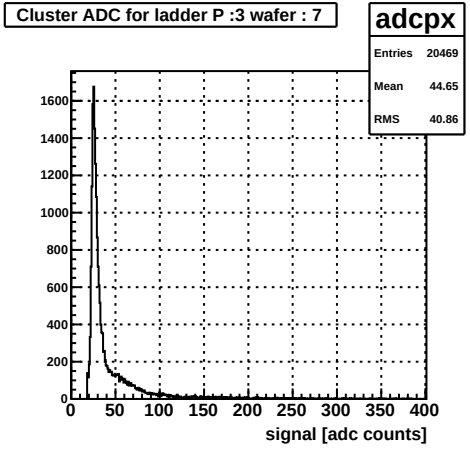

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 14370
Mean 57.78
RMS 52.1
signal [adc counts]

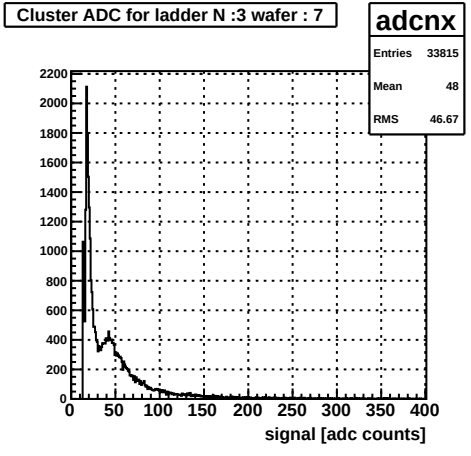

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 17975
Mean 56.18
RMS 49.75
signal [adc counts]

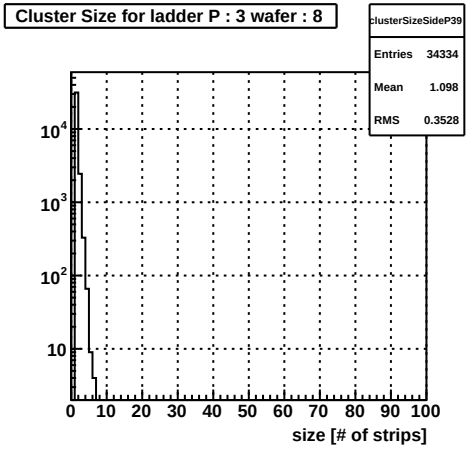

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 20469
Mean 1.11
RMS 0.3821
size [# of strips]

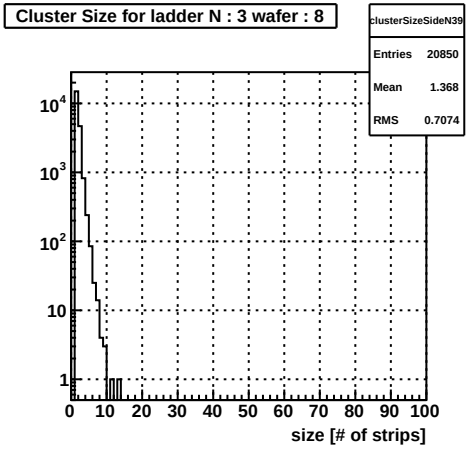

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 33815
Mean 1.381
RMS 0.7601
size [# of strips]

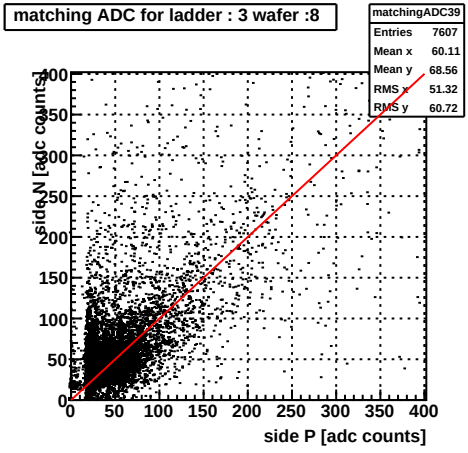

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 6980
Mean x 62.83
Mean y 65.21
RMS x 53.14
RMS y 55.53
side N [adc counts]
side P [adc counts]

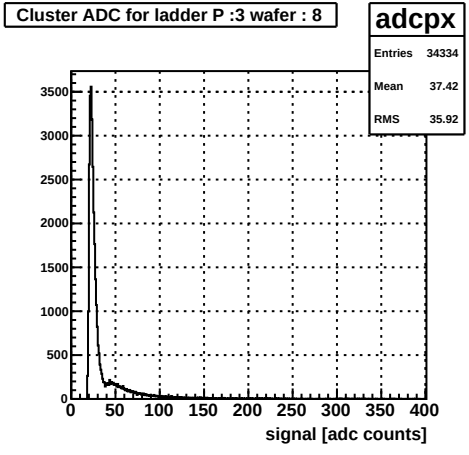

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 20469
Mean 44.65
RMS 40.86
signal [adc counts]

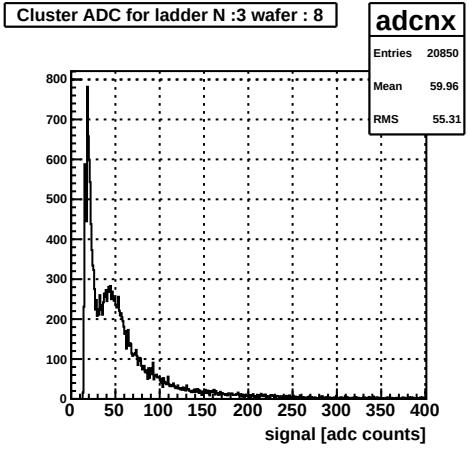

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 33815
Mean 48
RMS 46.67
signal [adc counts]

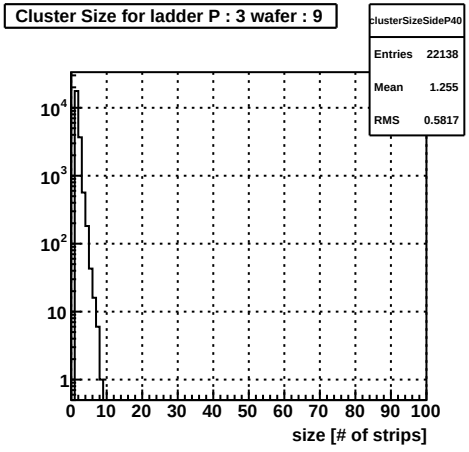

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 34334
Mean 1.098
RMS 0.3528
size [# of strips]

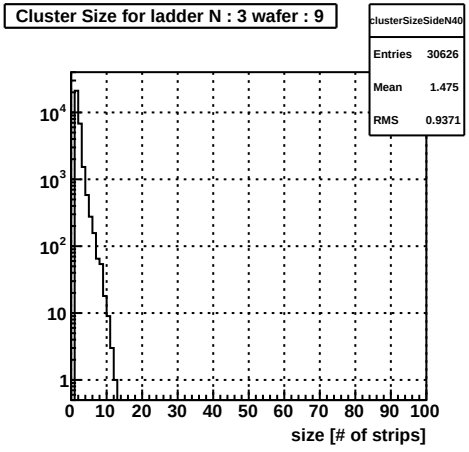

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 20850
Mean 1.368
RMS 0.7074
size [# of strips]

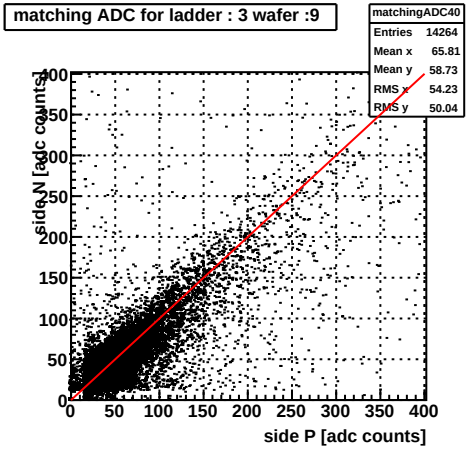

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 7607
Mean x 60.11
Mean y 68.56
RMS x 51.32
RMS y 60.72
side N [adc counts]
side P [adc counts]

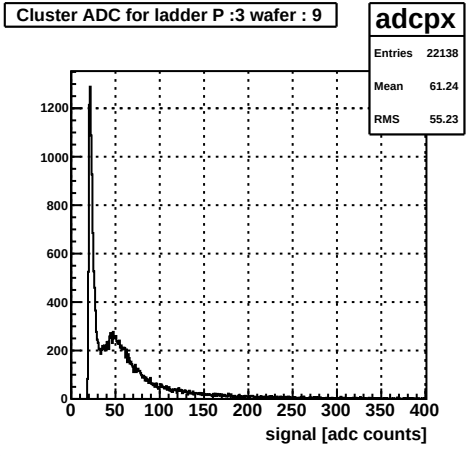

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 34334
Mean 37.42
RMS 35.92
signal [adc counts]

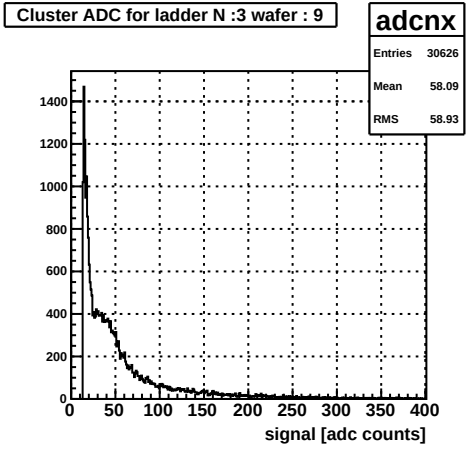

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 20850
Mean 59.96
RMS 55.31
signal [adc counts]

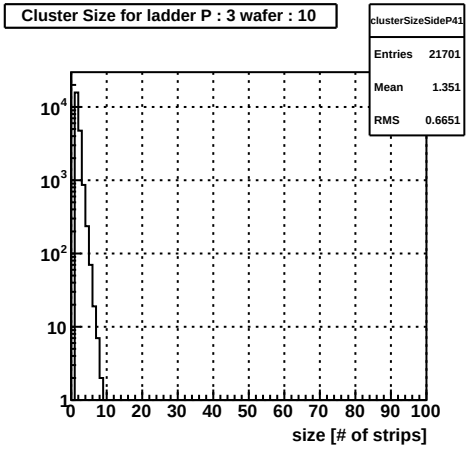

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 22138
Mean 1.255
RMS 0.5817
size [# of strips]

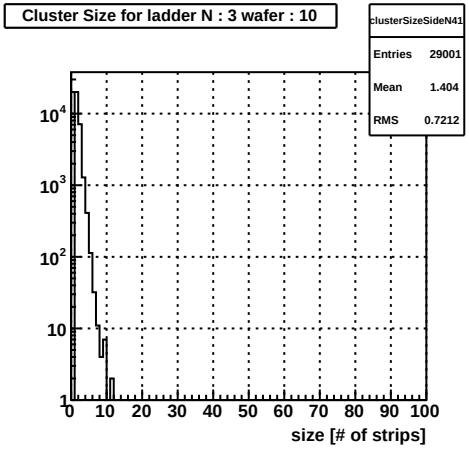

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 30626
Mean 1.475
RMS 0.9371
size [# of strips]

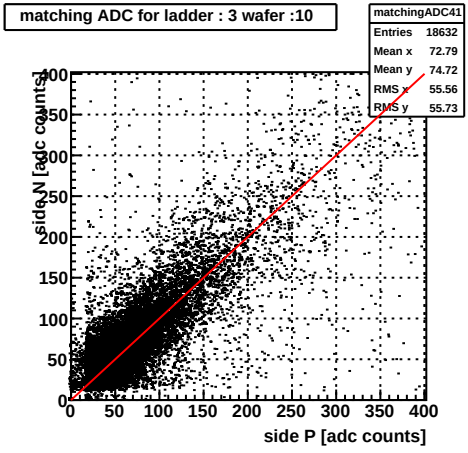

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 14264
Mean x 65.81
Mean y 58.73
RMS x 54.23
RMS y 50.04
side N [adc counts]
side P [adc counts]

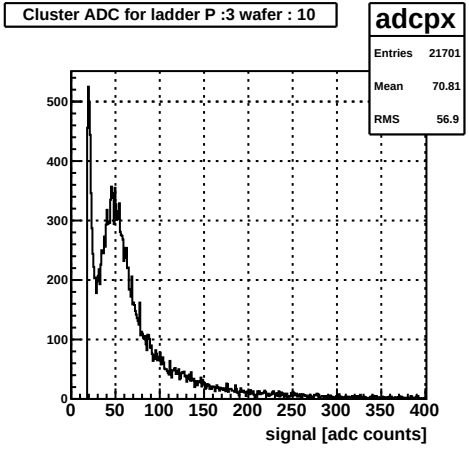

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 22138
Mean 61.24
RMS 55.23
signal [adc counts]

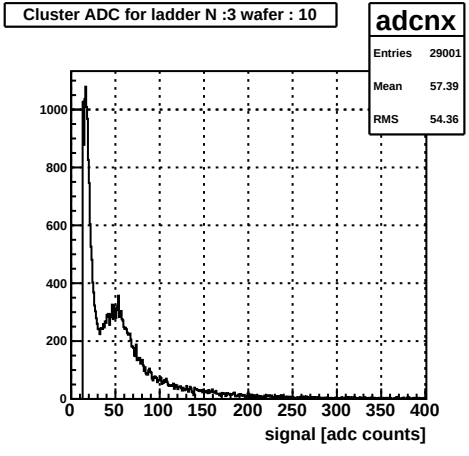

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 30626
Mean 58.09
RMS 58.93
signal [adc counts]

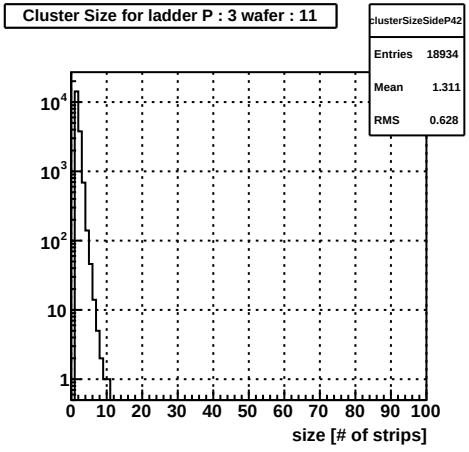

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 21701
Mean 1.351
RMS 0.6651
size [# of strips]

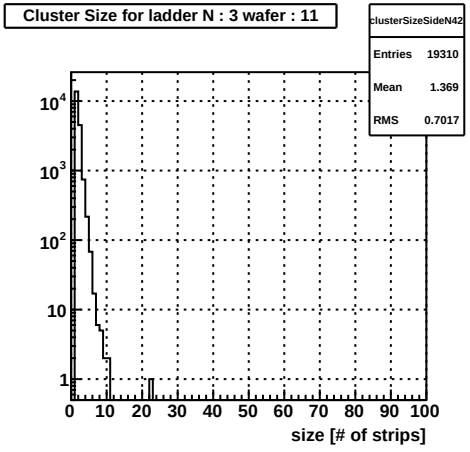

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 29001
Mean 1.404
RMS 0.7212
size [# of strips]

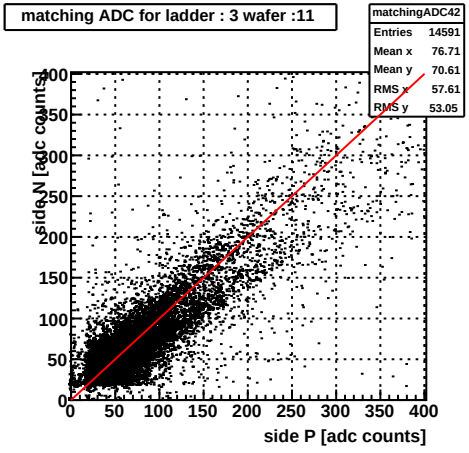

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 18632
Mean x 72.79
Mean y 74.72
RMS x 55.56
RMS y 55.73
side N [adc counts]
side P [adc counts]

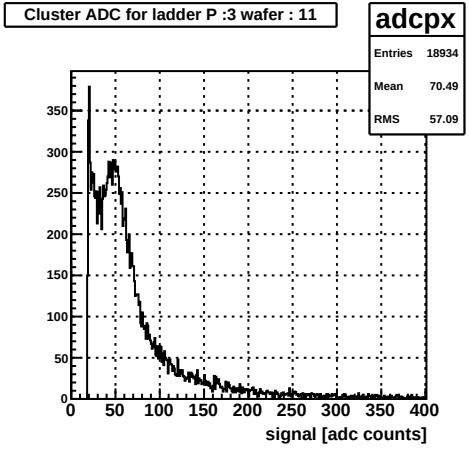

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 21701
Mean 70.81
RMS 56.9
signal [adc counts]

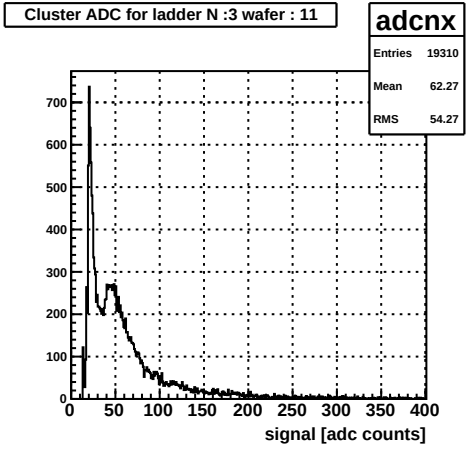

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 29001
Mean 57.39
RMS 54.36
signal [adc counts]

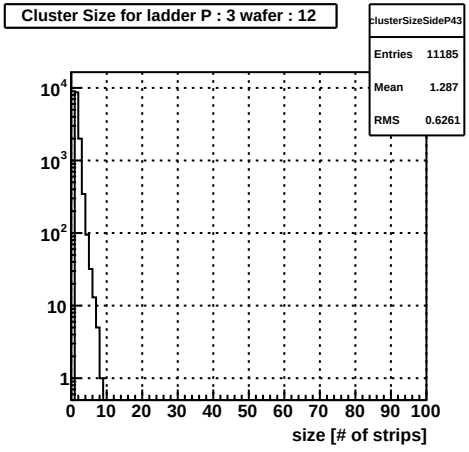

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 18934
Mean 1.311
RMS 0.628
size [# of strips]

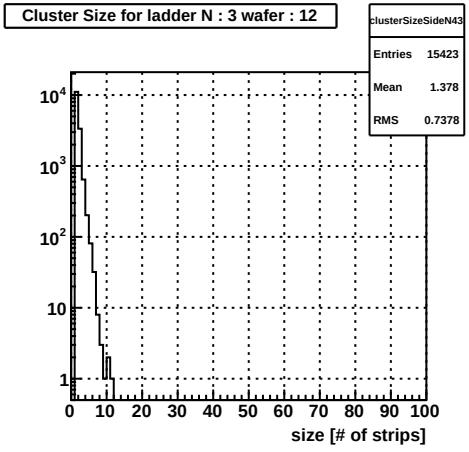

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 19310
Mean 1.369
RMS 0.7017
size [# of strips]

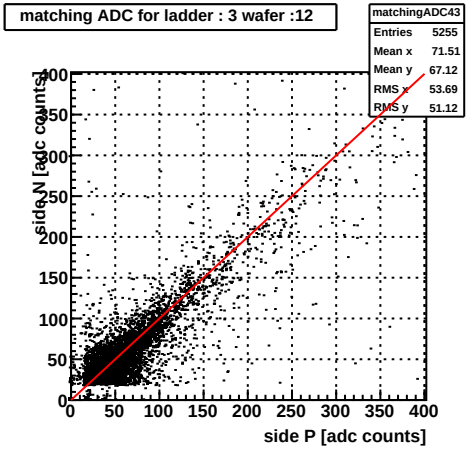

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 14591
Mean x 76.71
Mean y 70.61
RMS x 57.61
RMS y 53.05
side N [adc counts]
side P [adc counts]

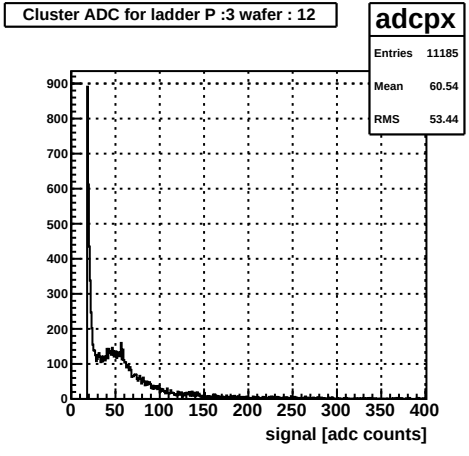

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 18934
Mean 70.49
RMS 57.09
signal [adc counts]

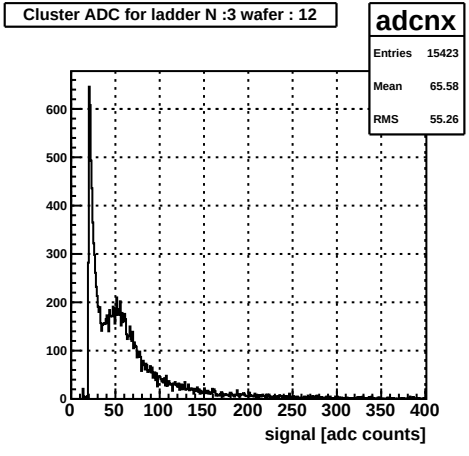

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 19310
Mean 62.27
RMS 54.27
signal [adc counts]

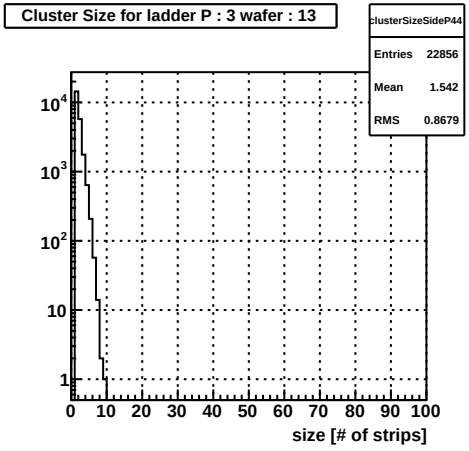

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 11185
Mean 1.287
RMS 0.6261
size [# of strips]

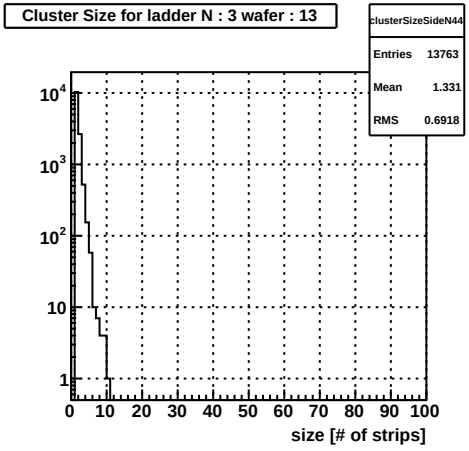

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 15423
Mean 1.378
RMS 0.7378
size [# of strips]

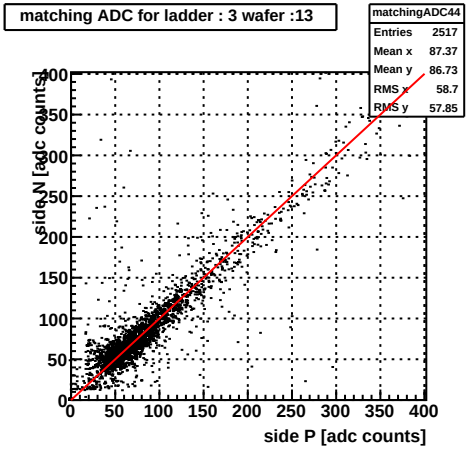

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 5255
Mean x 71.51
Mean y 67.12
RMS x 53.69
RMS y 51.12
side N [adc counts]
side P [adc counts]

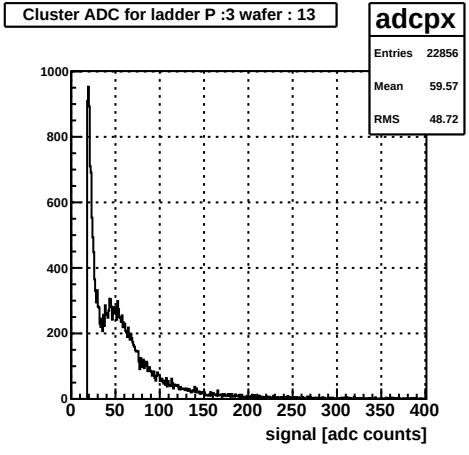

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 11185
Mean 60.54
RMS 53.44
signal [adc counts]

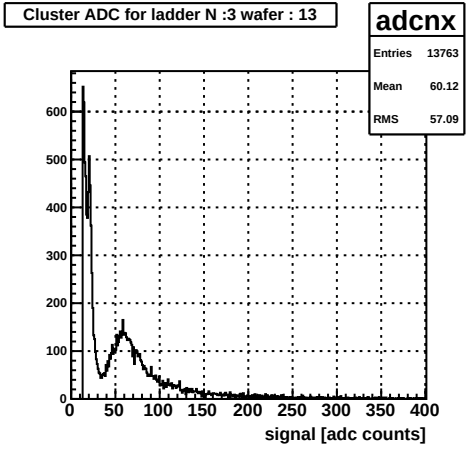

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 15423
Mean 65.58
RMS 55.26
signal [adc counts]

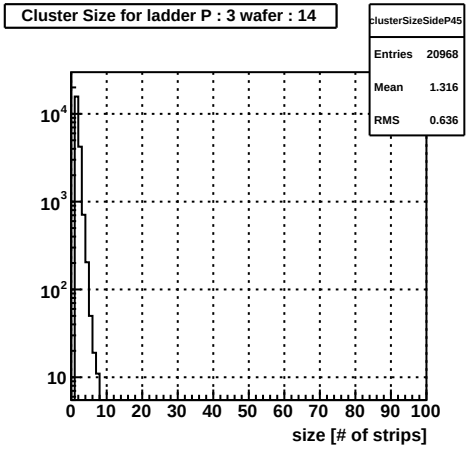

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 22856
Mean 1.542
RMS 0.8679
size [# of strips]

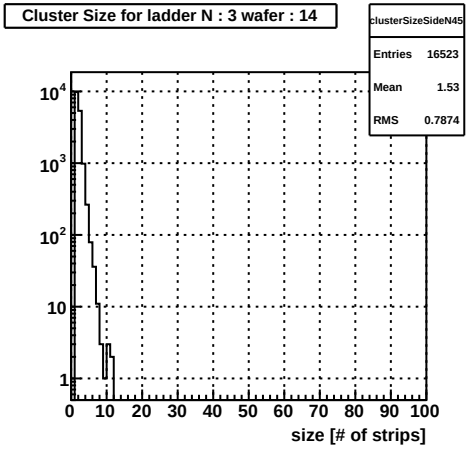

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 13763
Mean 1.331
RMS 0.6918
size [# of strips]

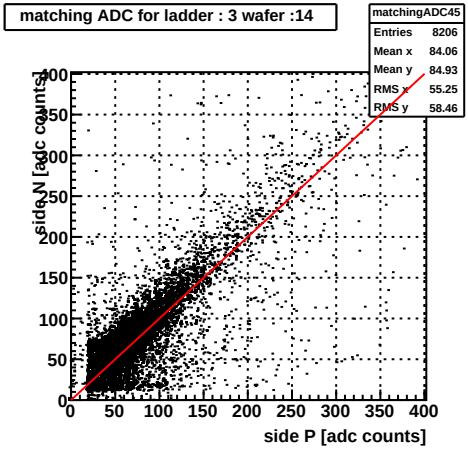

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2517
Mean x 87.37
Mean y 86.73
RMS x 58.7
RMS y 57.85
side N [adc counts]
side P [adc counts]

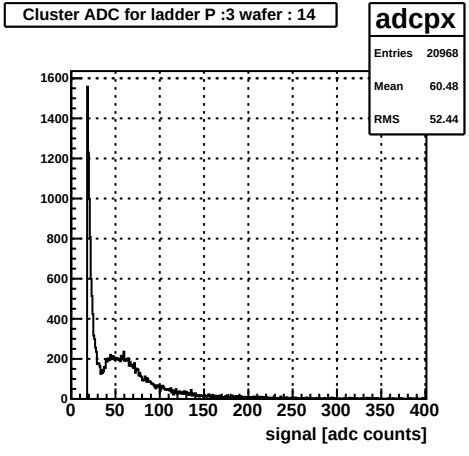

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 22856
Mean 59.57
RMS 48.72
signal [adc counts]

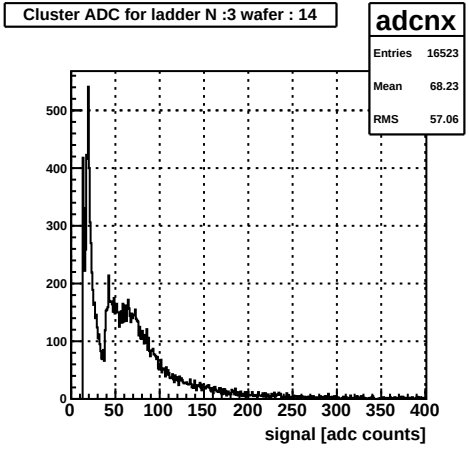

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 13763
Mean 60.12
RMS 57.09
signal [adc counts]

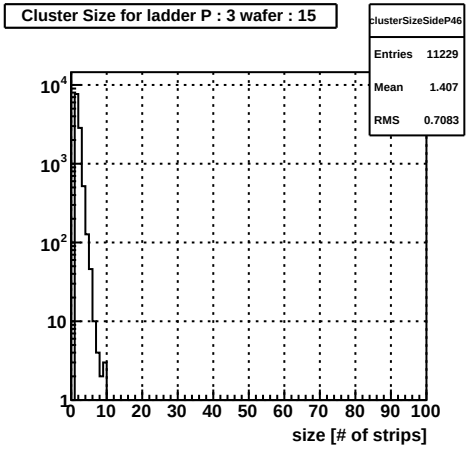

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 20968
Mean 1.316
RMS 0.636
size [# of strips]

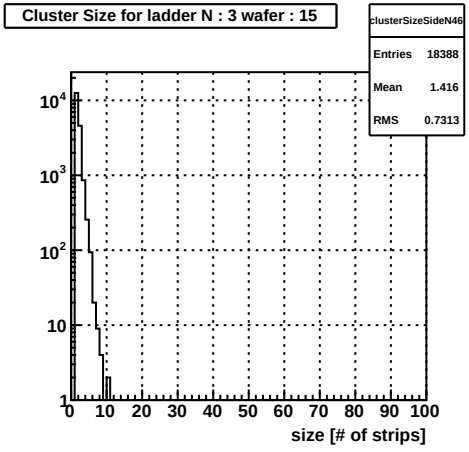

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 16523
Mean 1.53
RMS 0.7874
size [# of strips]

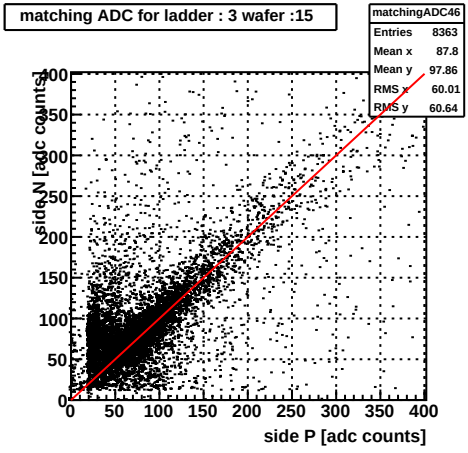

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 8206
Mean x 84.06
Mean y 84.93
RMS x 55.25
RMS y 58.46
side N [adc counts]
side P [adc counts]

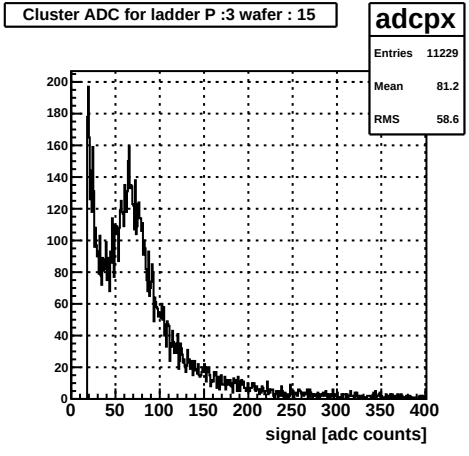

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 20968
Mean 60.48
RMS 52.44
signal [adc counts]

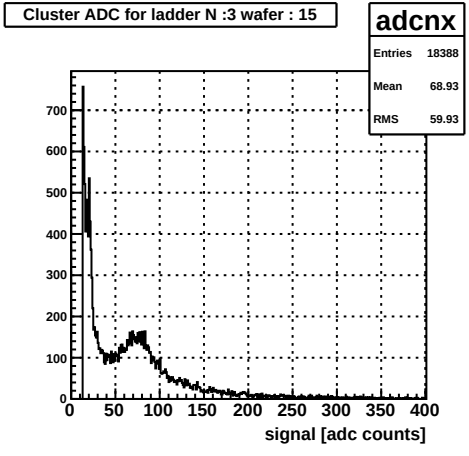

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 16523
Mean 68.23
RMS 57.06
signal [adc counts]

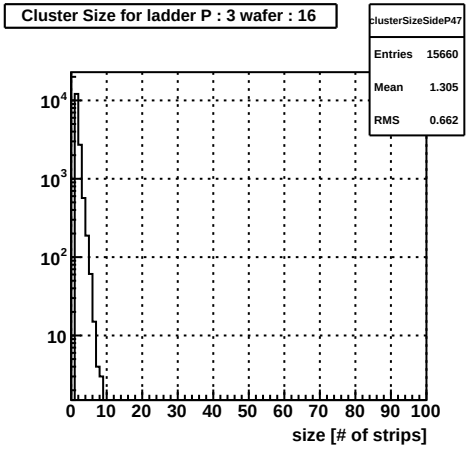

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 11229
Mean 1.407
RMS 0.7083
size [# of strips]

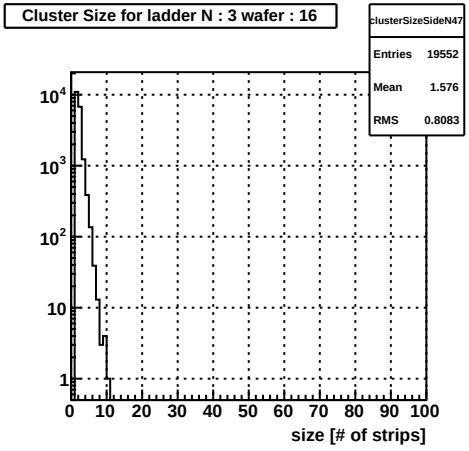

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 18388
Mean 1.416
RMS 0.7313
size [# of strips]

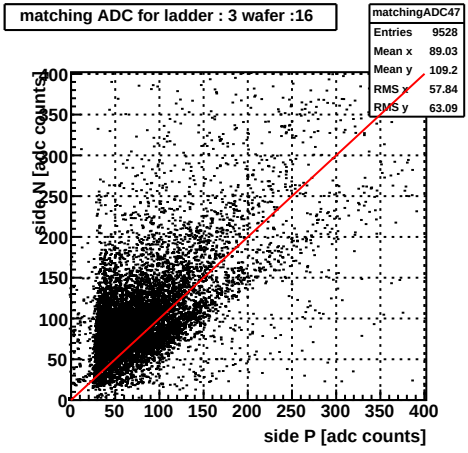

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 8363
Mean x 87.8
Mean y 97.86
RMS x 60.01
RMS y 60.64
side N [adc counts]
side P [adc counts]

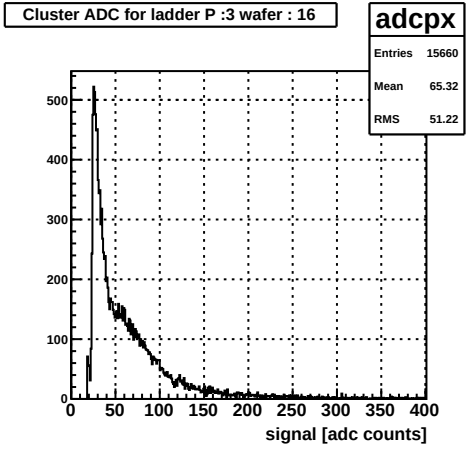

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 11229
Mean 81.2
RMS 58.6
signal [adc counts]

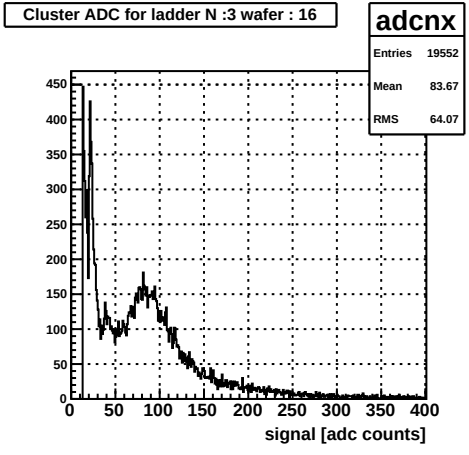

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 18388
Mean 68.93
RMS 59.93
signal [adc counts]

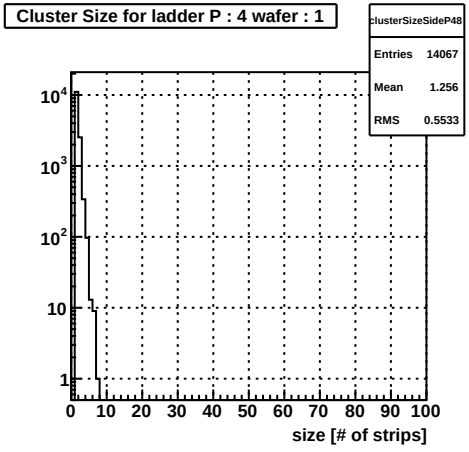

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 15660
Mean 1.305
RMS 0.662
size [# of strips]

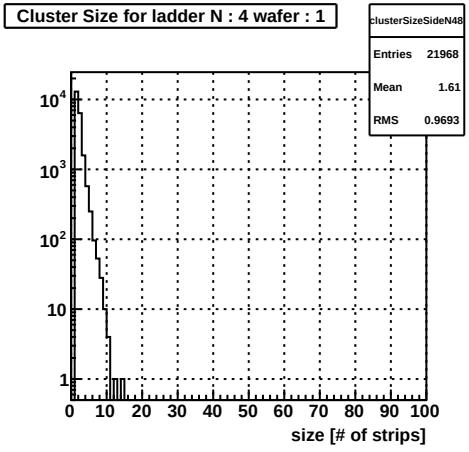

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 19552
Mean 1.576
RMS 0.8083
size [# of strips]

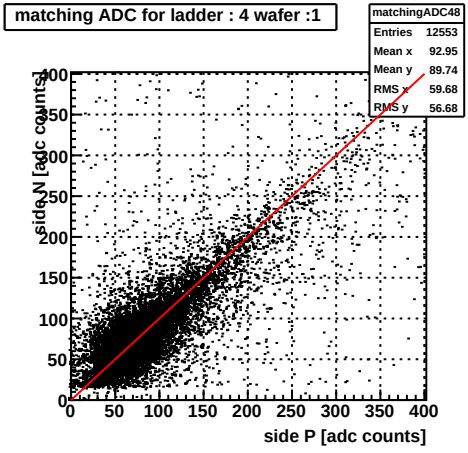

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 9528
Mean x 89.03
Mean y 109.2
RMS x 57.84
RMS y 63.09
side N [adc counts]
side P [adc counts]

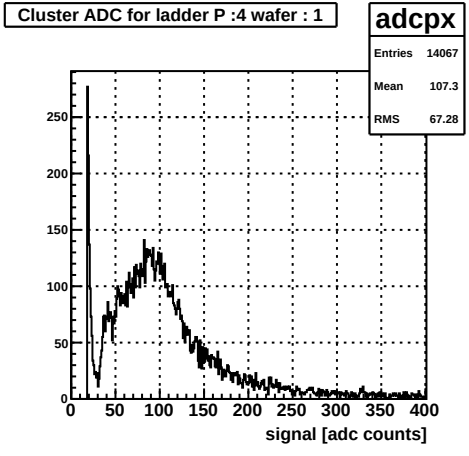

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 15660
Mean 65.32
RMS 51.22
signal [adc counts]

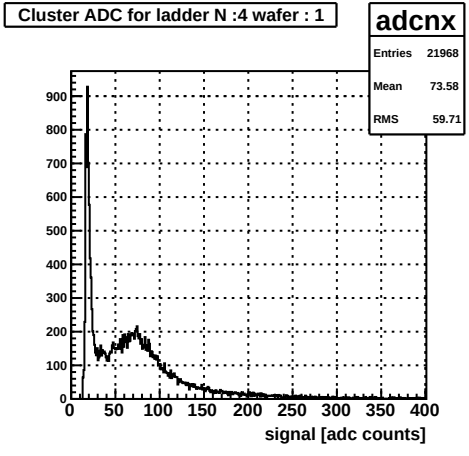

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 19552
Mean 83.67
RMS 64.07
signal [adc counts]

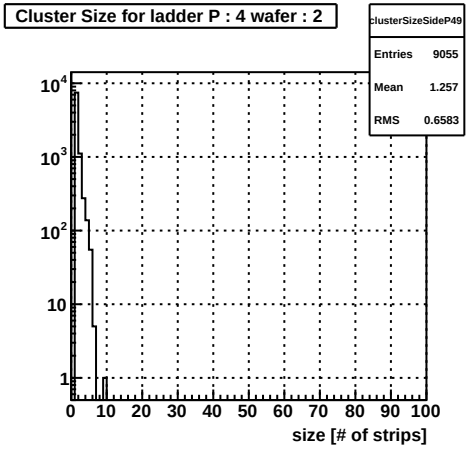

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 14067
Mean 1.256
RMS 0.5533
size [# of strips]

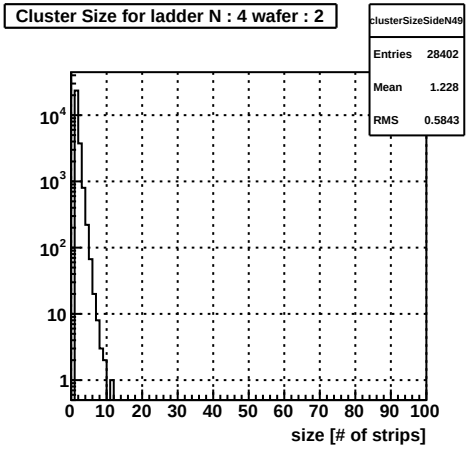

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 21968
Mean 1.61
RMS 0.9693
size [# of strips]

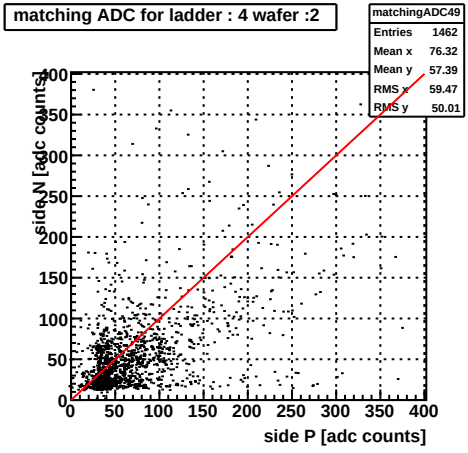

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 12553
Mean x 92.95
Mean y 89.74
RMS x 59.68
RMS y 56.68
side N [adc counts]
side P [adc counts]

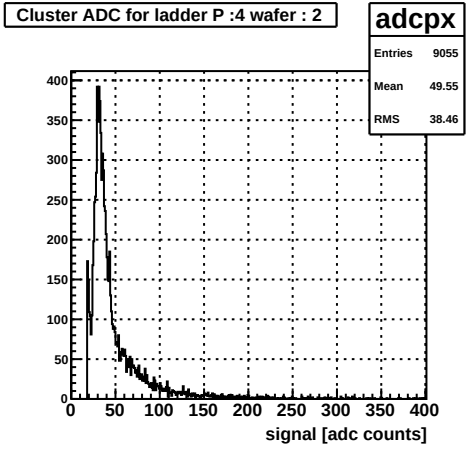

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 14067
Mean 107.3
RMS 67.28
signal [adc counts]

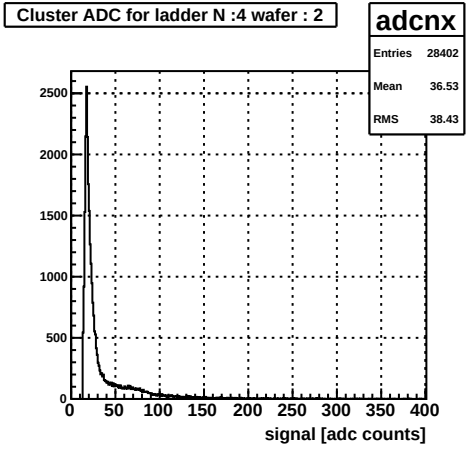

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 21968
Mean 73.58
RMS 59.71
signal [adc counts]

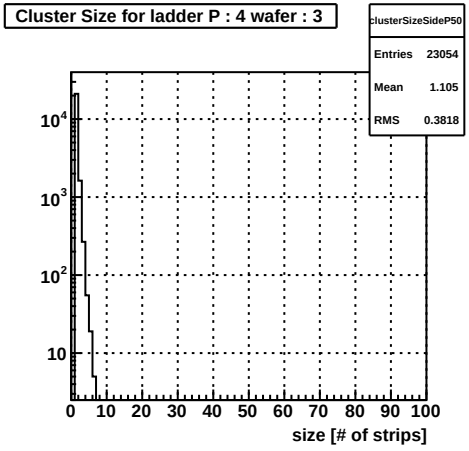

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 9055
Mean 1.257
RMS 0.6583
size [# of strips]

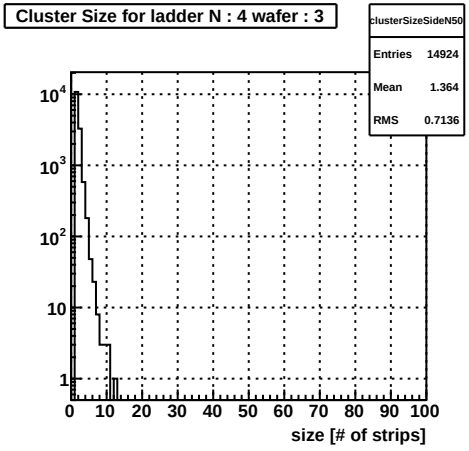

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 28402
Mean 1.228
RMS 0.5843
size [# of strips]

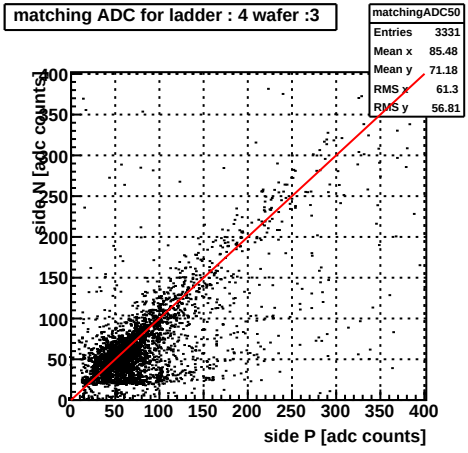

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1462
Mean x 76.32
Mean y 57.39
RMS x 59.47
RMS y 50.01
side N [adc counts]
side P [adc counts]

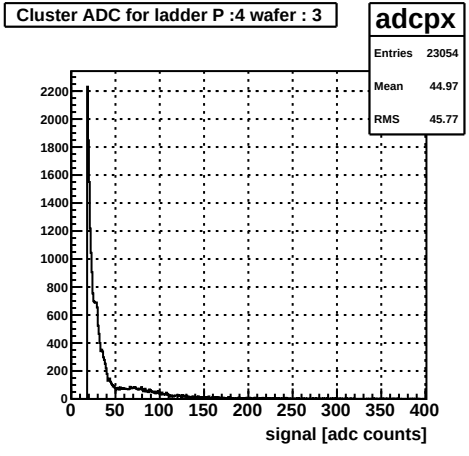

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 9055
Mean 49.55
RMS 38.46
signal [adc counts]

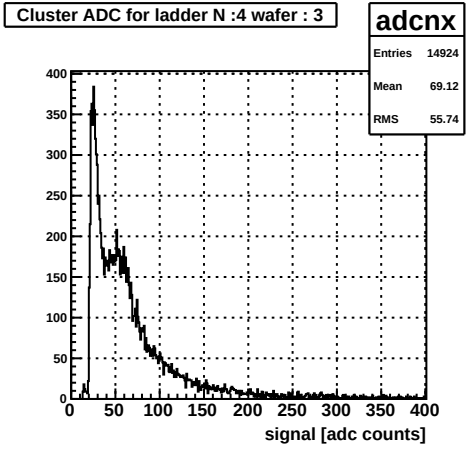

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 28402
Mean 36.53
RMS 38.43
signal [adc counts]

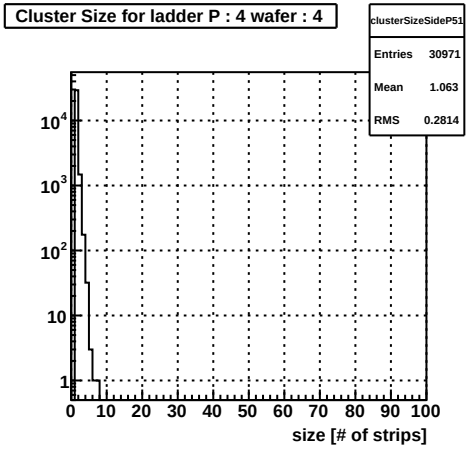

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 23054
Mean 1.105
RMS 0.3818
size [# of strips]

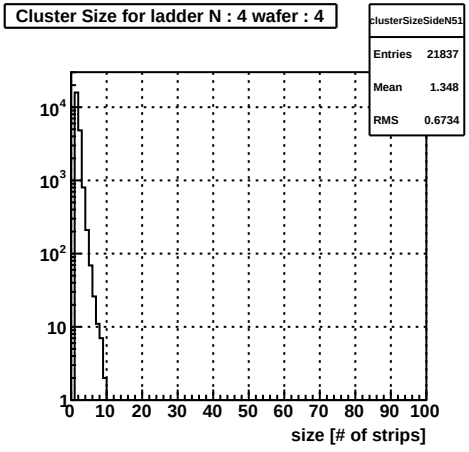

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 14924
Mean 1.364
RMS 0.7136
size [# of strips]

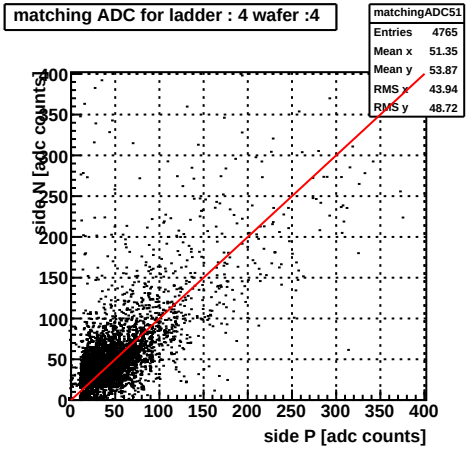

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 3331
Mean x 85.48
Mean y 71.18
RMS x 61.3
RMS y 56.81
side N [adc counts]
side P [adc counts]

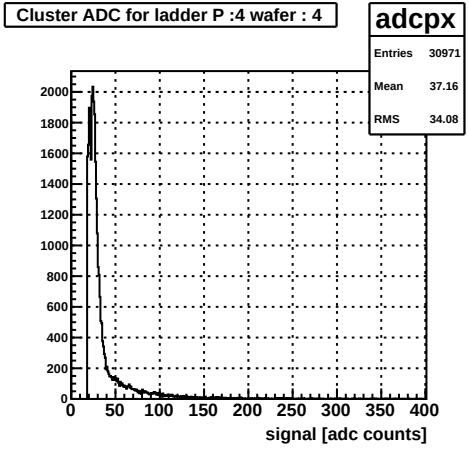

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 23054
Mean 44.97
RMS 45.77
signal [adc counts]

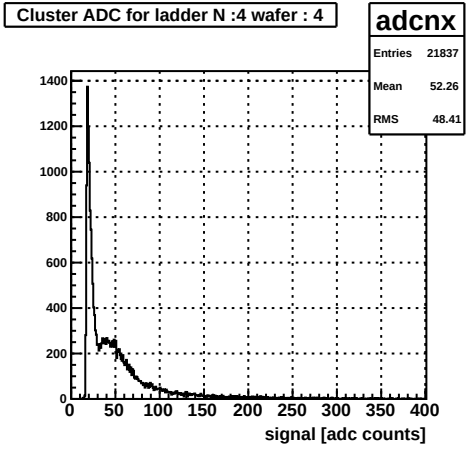

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 14924
Mean 69.12
RMS 55.74
signal [adc counts]

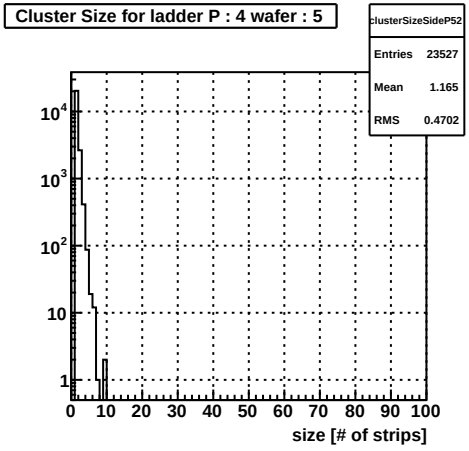

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 30971
Mean 1.063
RMS 0.2814
size [# of strips]

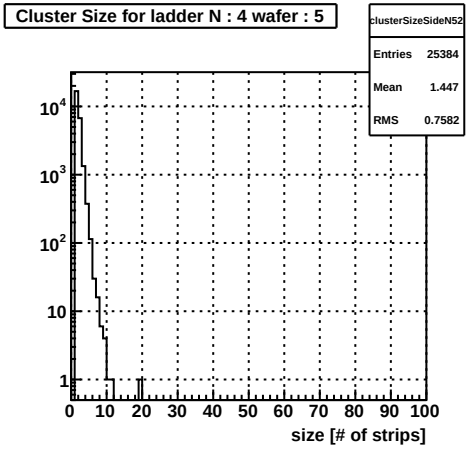

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 21837
Mean 1.348
RMS 0.6734
size [# of strips]

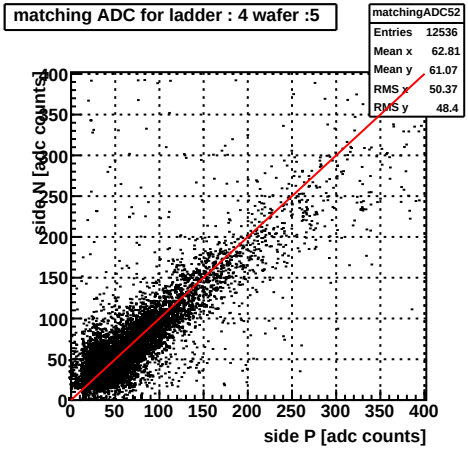

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 4765
Mean x 51.35
Mean y 53.87
RMS x 43.94
RMS y 48.72
side N [adc counts]
side P [adc counts]

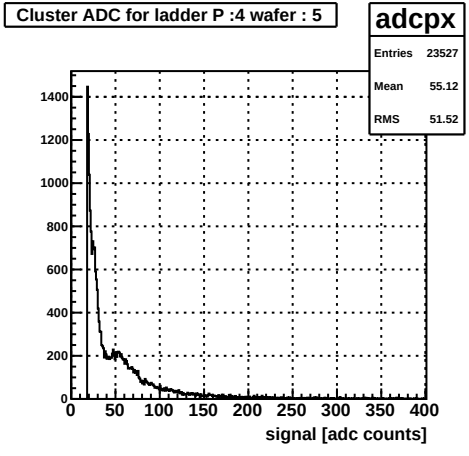

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 30971
Mean 37.16
RMS 34.08
signal [adc counts]

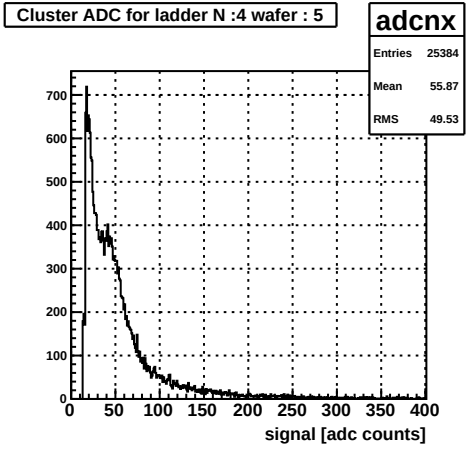

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 21837
Mean 52.26
RMS 48.41
signal [adc counts]

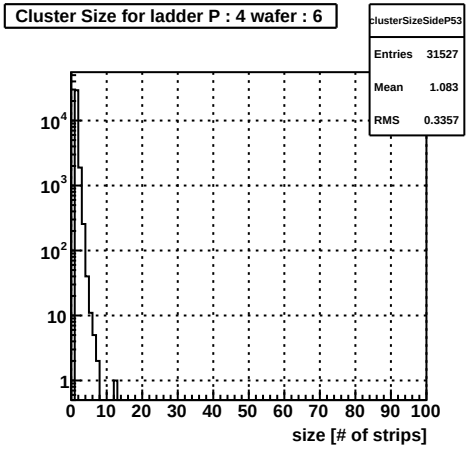

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 23527
Mean 1.165
RMS 0.4702
size [# of strips]

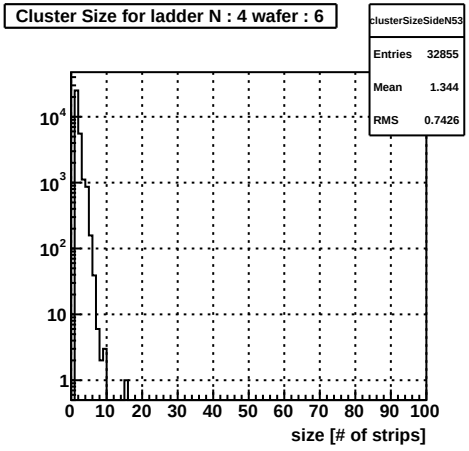

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 25384
Mean 1.447
RMS 0.7582
size [# of strips]

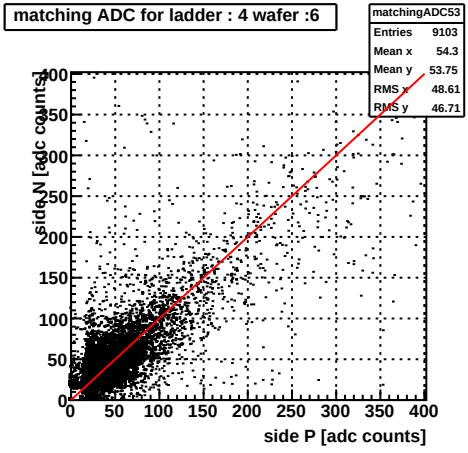

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 12536
Mean x 62.81
Mean y 61.07
RMS x 50.37
RMS y 48.4
side N [adc counts]
side P [adc counts]

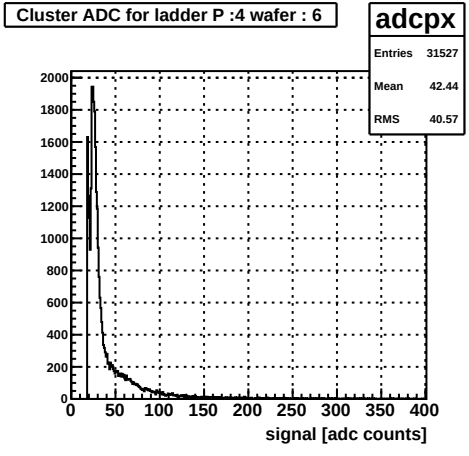

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 23527
Mean 55.12
RMS 51.52
signal [adc counts]

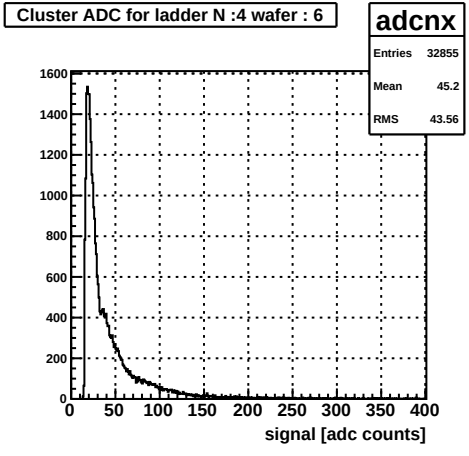

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 25384
Mean 55.87
RMS 49.53
signal [adc counts]

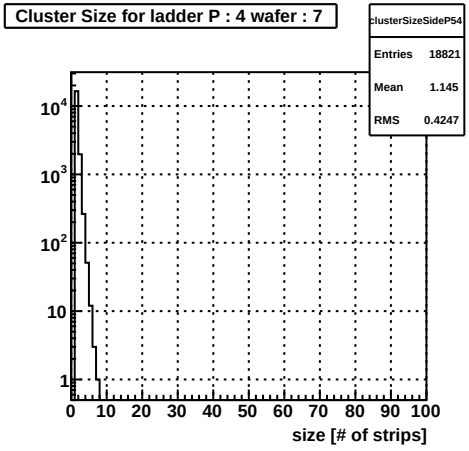

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 31527
Mean 1.083
RMS 0.3357
size [# of strips]

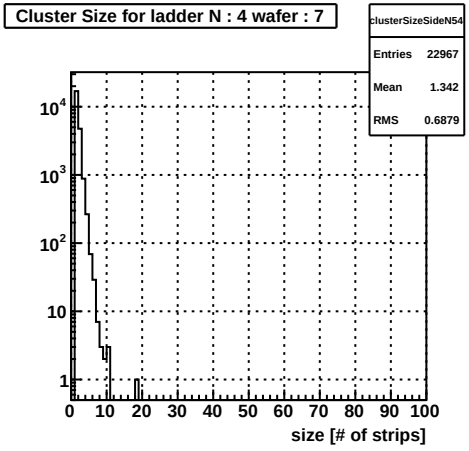

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 32855
Mean 1.344
RMS 0.7426
size [# of strips]

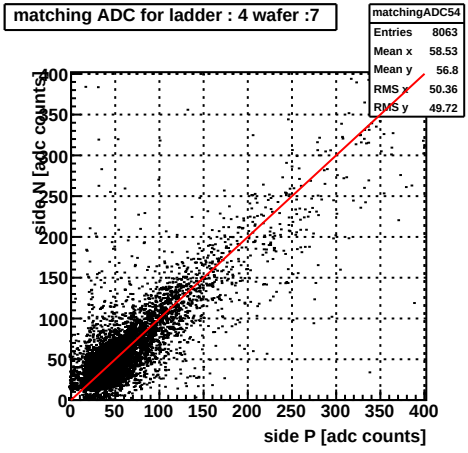

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 9103
Mean x 54.3
Mean y 53.75
RMS x 48.61
RMS y 46.71
side N [adc counts]
side P [adc counts]

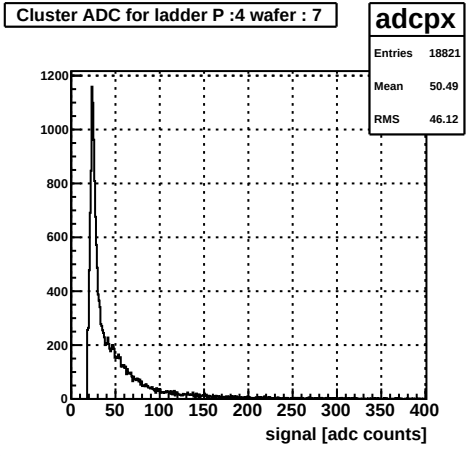

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 31527
Mean 42.44
RMS 40.57
signal [adc counts]

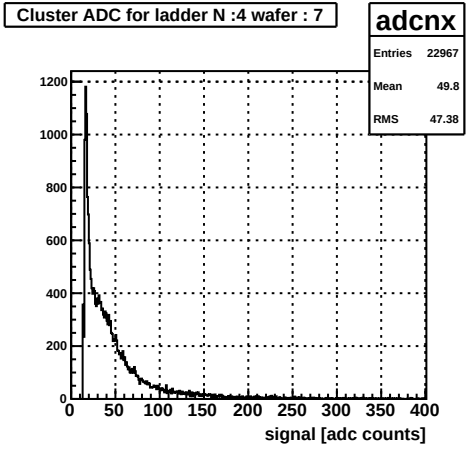

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 32855
Mean 45.2
RMS 43.56
signal [adc counts]

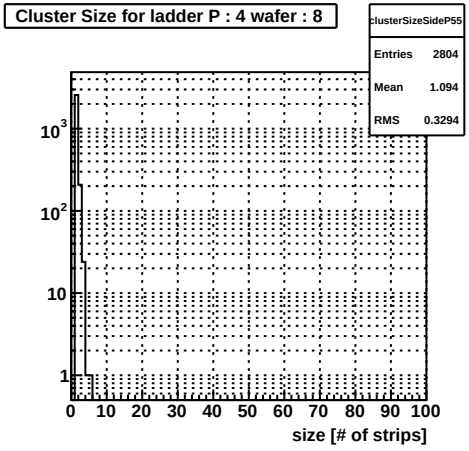

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 18821
Mean 1.145
RMS 0.4247
size [# of strips]

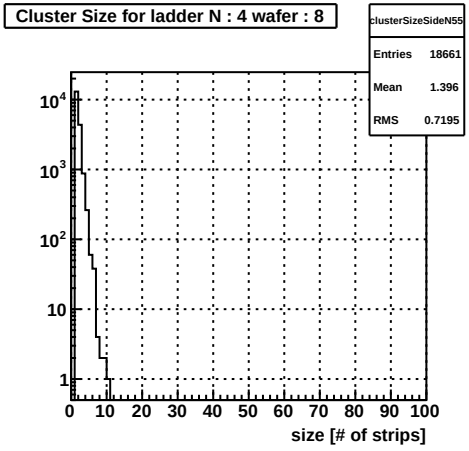

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 22967
Mean 1.342
RMS 0.6879
size [# of strips]

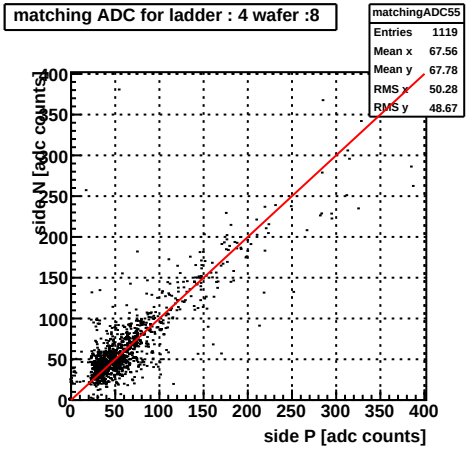

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 8063
Mean x 58.53
Mean y 56.8
RMS x 50.36
RMS y 49.72
side N [adc counts]
side P [adc counts]

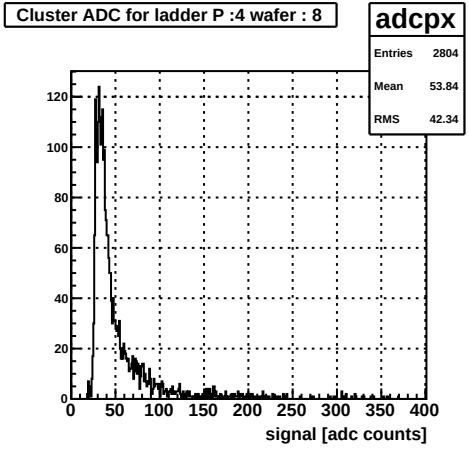

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 18821
Mean 50.49
RMS 46.12
signal [adc counts]

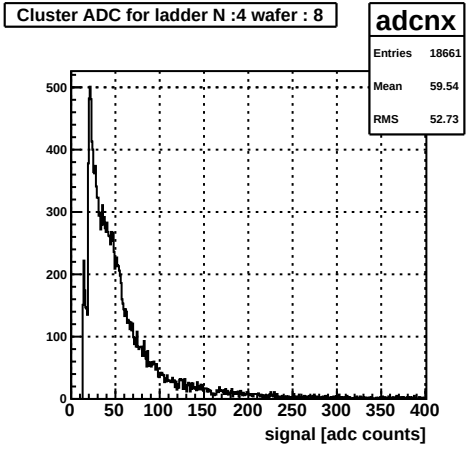

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 22967
Mean 49.8
RMS 47.38
signal [adc counts]

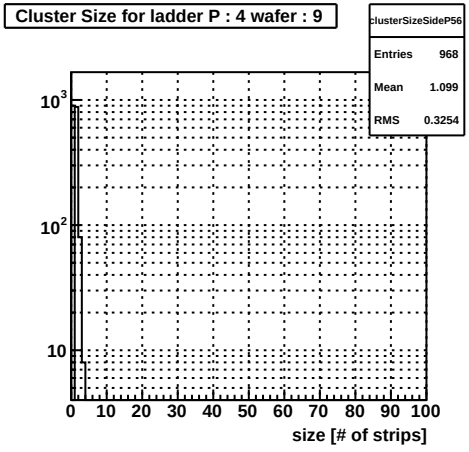

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2804
Mean 1.094
RMS 0.3294
size [# of strips]

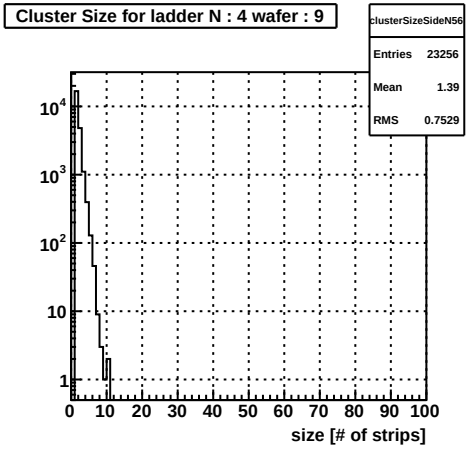

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 18661
Mean 1.396
RMS 0.7195
size [# of strips]

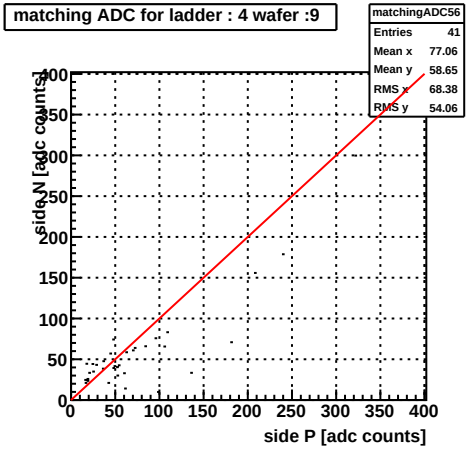

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1119
Mean x 67.56
Mean y 67.78
RMS x 50.28
RMS y 48.67
side N [adc counts]
side P [adc counts]

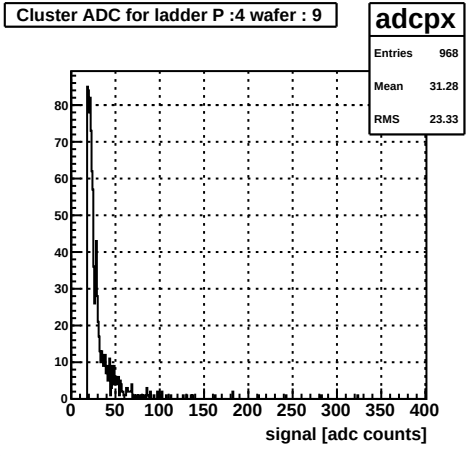

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2804
Mean 53.84
RMS 42.34
signal [adc counts]

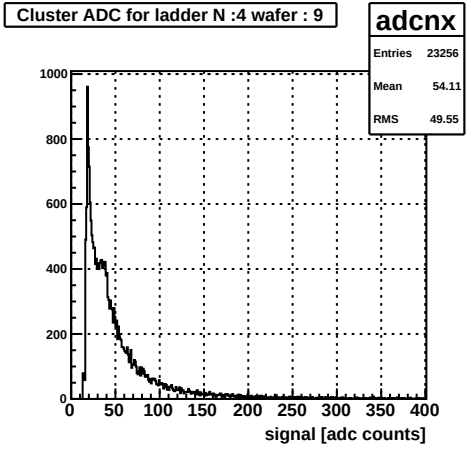

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 18661
Mean 59.54
RMS 52.73
signal [adc counts]

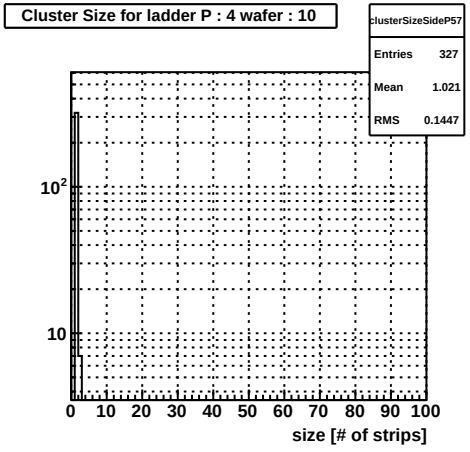

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 968
Mean 1.099
RMS 0.3254
size [# of strips]

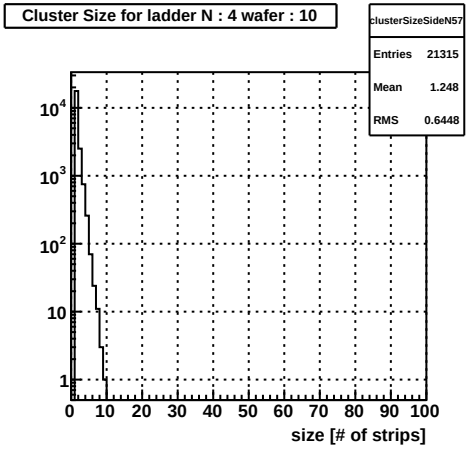

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 23256
Mean 1.39
RMS 0.7529
size [# of strips]

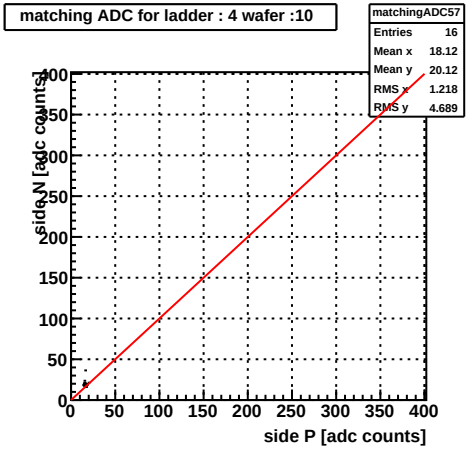

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 41
Mean x 77.06
Mean y 58.65
RMS x 68.38
RMS y 54.06
side N [adc counts]
side P [adc counts]

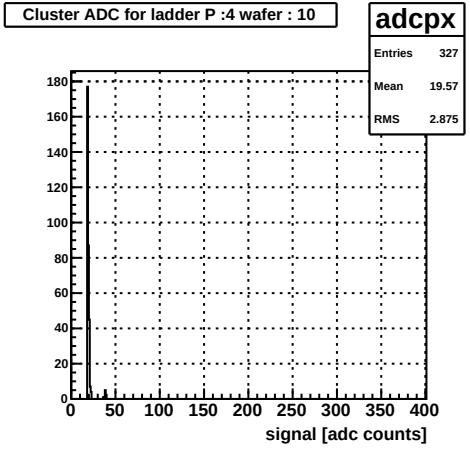

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 968
Mean 31.28
RMS 23.33
signal [adc counts]

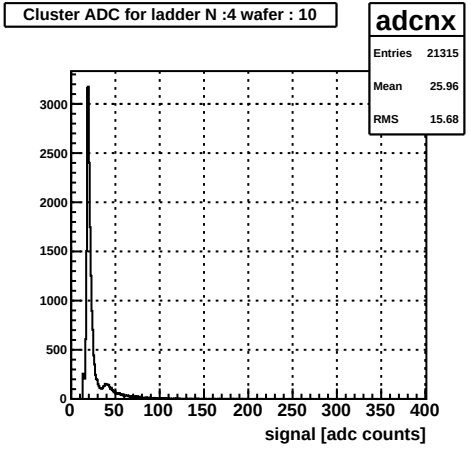

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 23256
Mean 54.11
RMS 49.55
signal [adc counts]

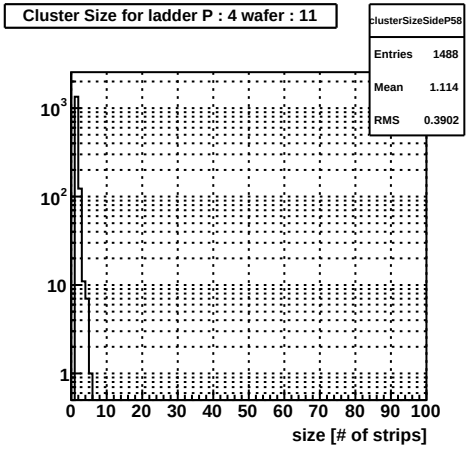

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 327
Mean 1.021
RMS 0.1447
size [# of strips]

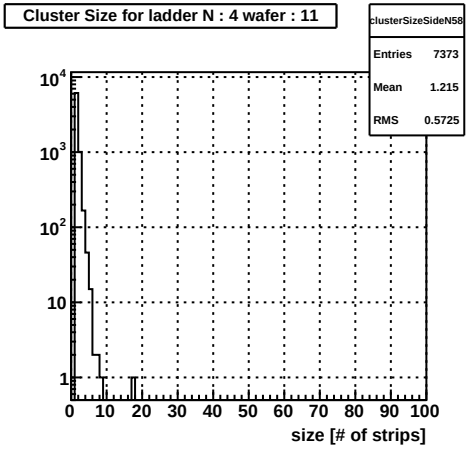

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 21315
Mean 1.248
RMS 0.6448
size [# of strips]

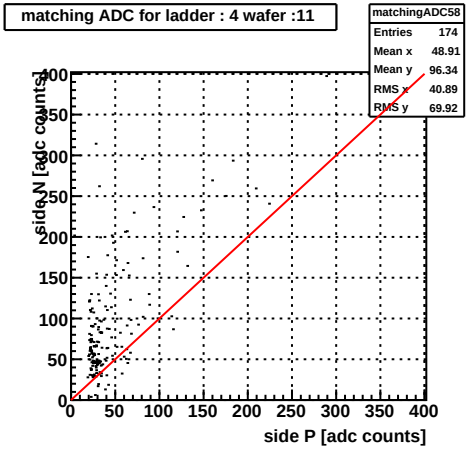

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 16
Mean x 18.12
Mean y 20.12
RMS x 1.218
RMS y 4.689
side N [adc counts]
side P [adc counts]

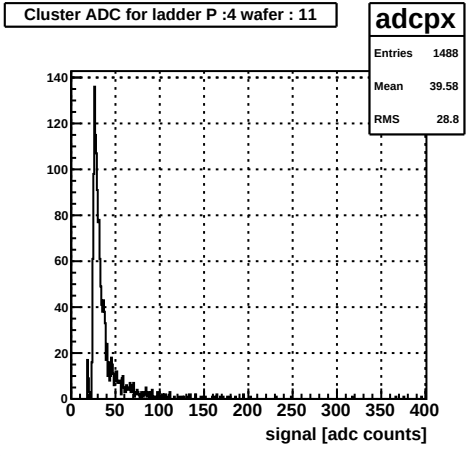

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 327
Mean 19.57
RMS 2.875
signal [adc counts]

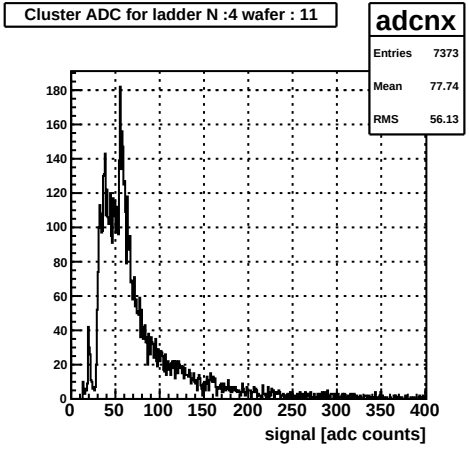

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 21315
Mean 25.96
RMS 15.68
signal [adc counts]

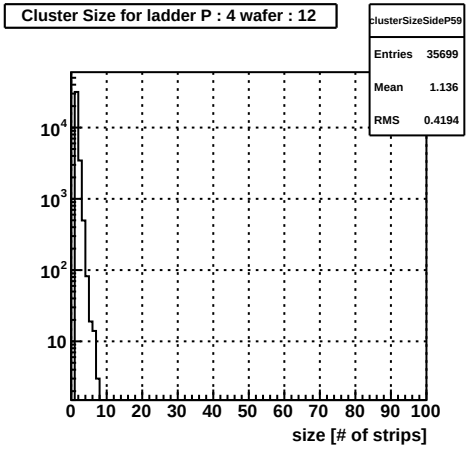

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1488
Mean 1.114
RMS 0.3902
size [# of strips]

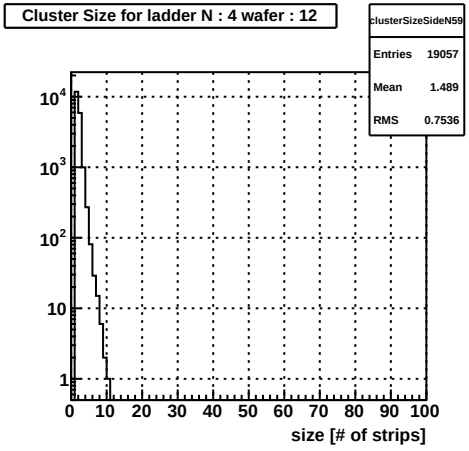

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 7373
Mean 1.215
RMS 0.5725
size [# of strips]

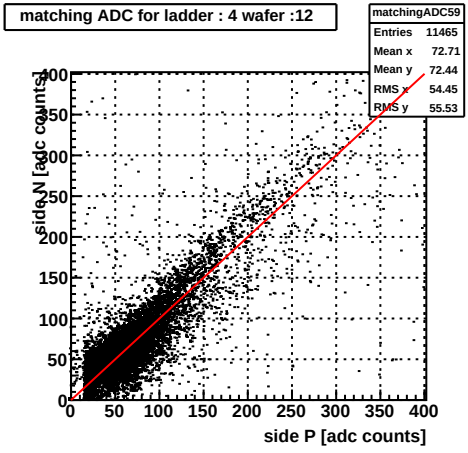

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 174
Mean x 48.91
Mean y 96.34
RMS x 40.89
RMS y 69.92
side N [adc counts]
side P [adc counts]

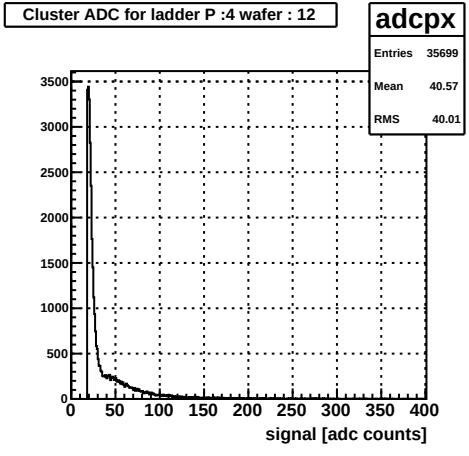

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1488
Mean 39.58
RMS 28.8
signal [adc counts]

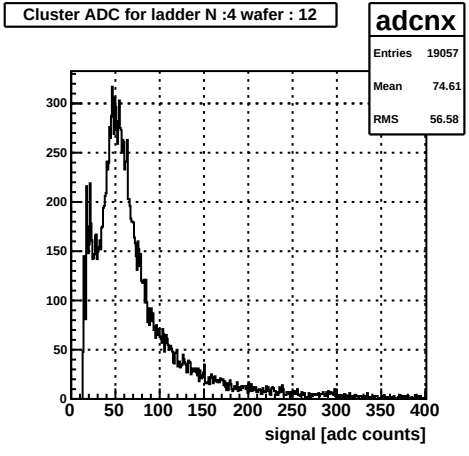

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 7373
Mean 77.74
RMS 56.13
signal [adc counts]

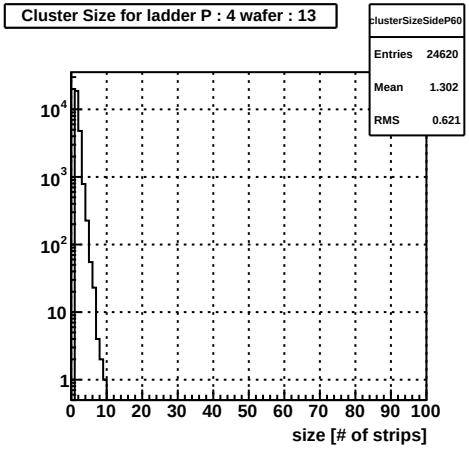

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 35699
Mean 1.136
RMS 0.4194
size [# of strips]

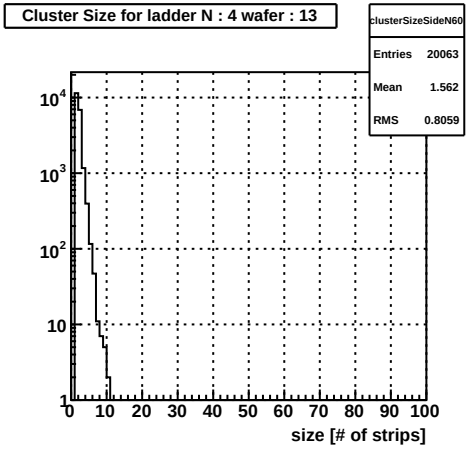

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 19057
Mean 1.489
RMS 0.7536
size [# of strips]

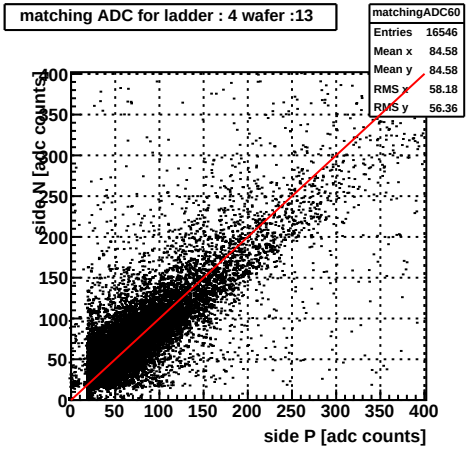

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 11465
Mean x 72.71
Mean y 72.44
RMS x 54.45
RMS y 55.53
side N [adc counts]
side P [adc counts]

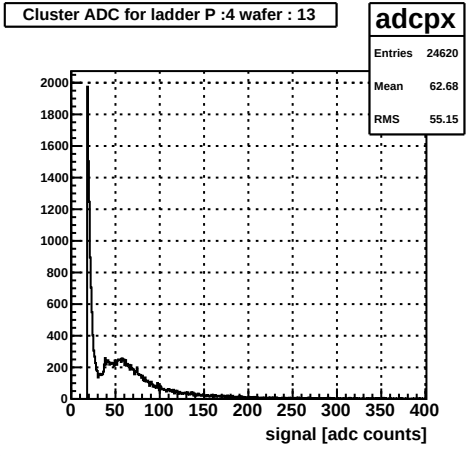

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 35699
Mean 40.57
RMS 40.01
signal [adc counts]

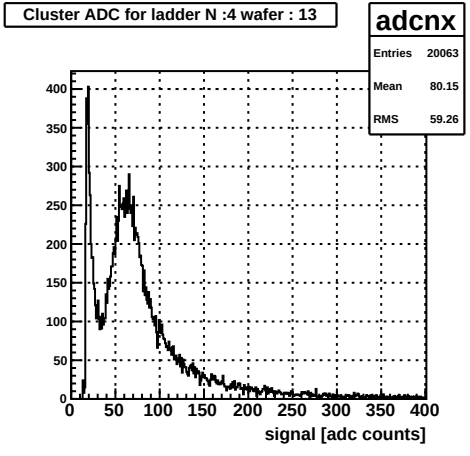

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 19057
Mean 74.61
RMS 56.58
signal [adc counts]

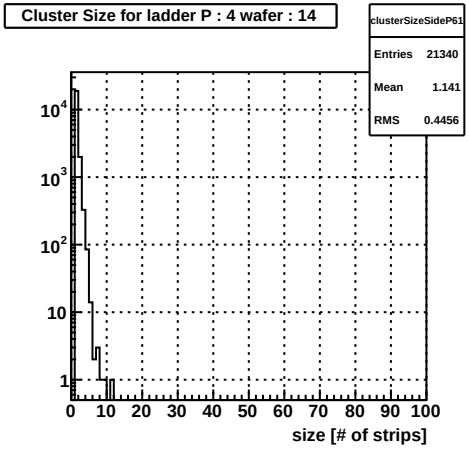

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 24620
Mean 1.302
RMS 0.621
size [# of strips]

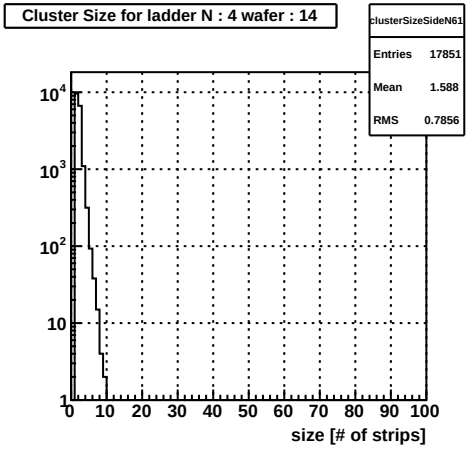

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 20063
Mean 1.562
RMS 0.8059
size [# of strips]

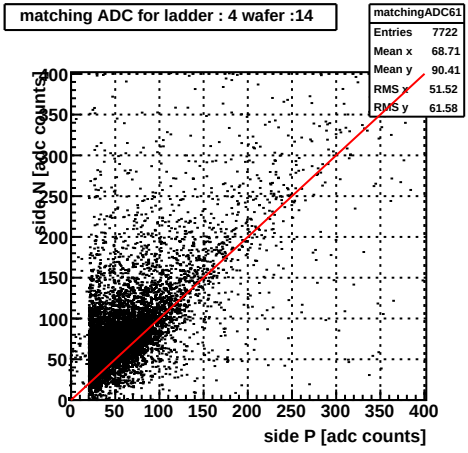

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 16546
Mean x 84.58
Mean y 84.58
RMS x 58.18
RMS y 56.36
side N [adc counts]
side P [adc counts]

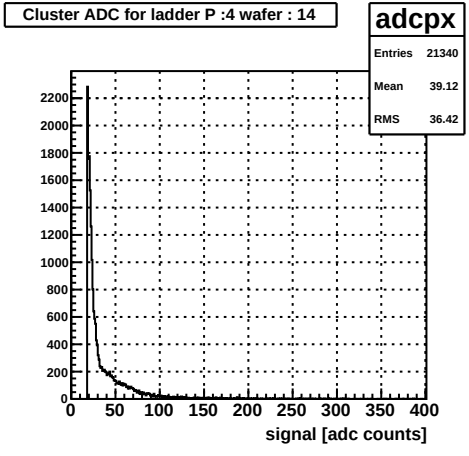

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 24620
Mean 62.68
RMS 55.15
signal [adc counts]

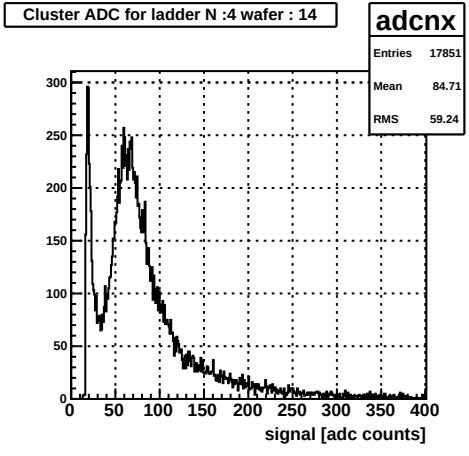

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 20063
Mean 80.15
RMS 59.26
signal [adc counts]

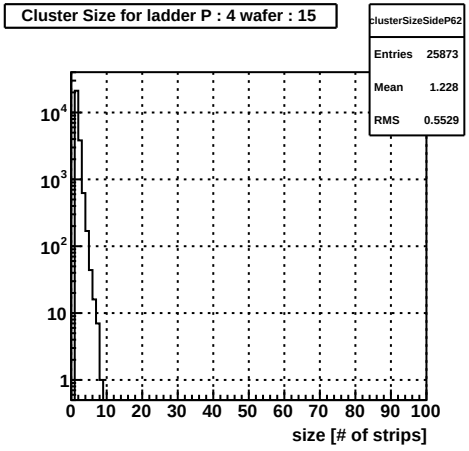

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 21340
Mean 1.141
RMS 0.4456
size [# of strips]

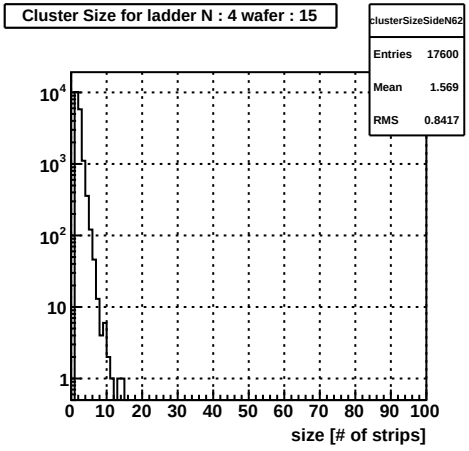

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 17851
Mean 1.588
RMS 0.7856
size [# of strips]

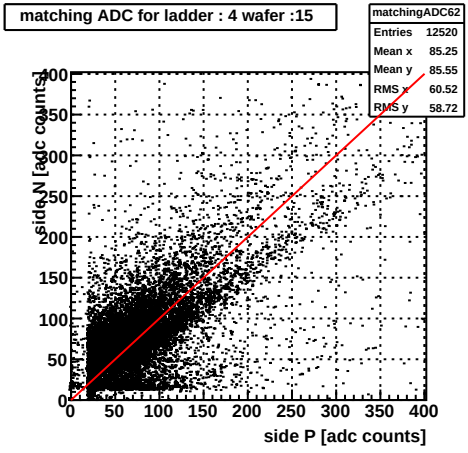

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 7722
Mean x 68.71
Mean y 90.41
RMS x 51.52
RMS y 61.58
side N [adc counts]
side P [adc counts]

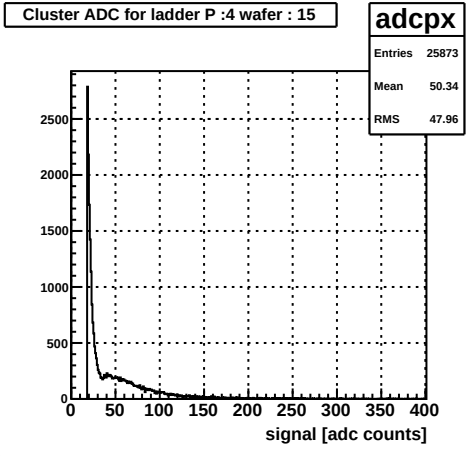

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 21340
Mean 39.12
RMS 36.42
signal [adc counts]

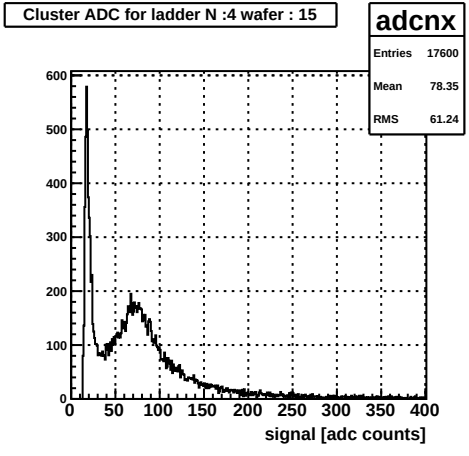

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 17851
Mean 84.71
RMS 59.24
signal [adc counts]

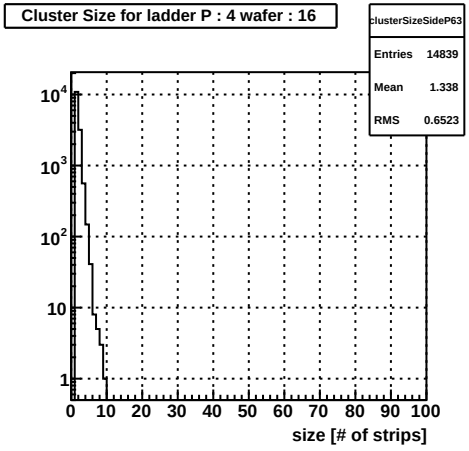

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 25873
Mean 1.228
RMS 0.5529
size [# of strips]

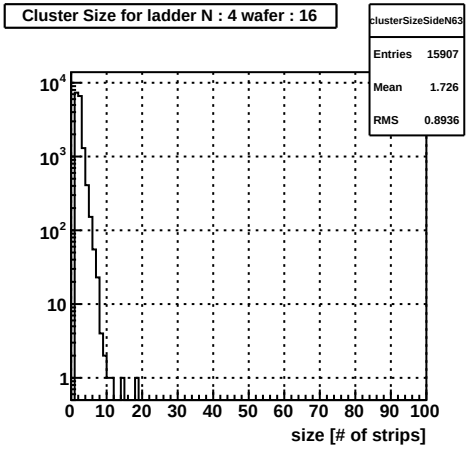

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 17600
Mean 1.569
RMS 0.8417
size [# of strips]

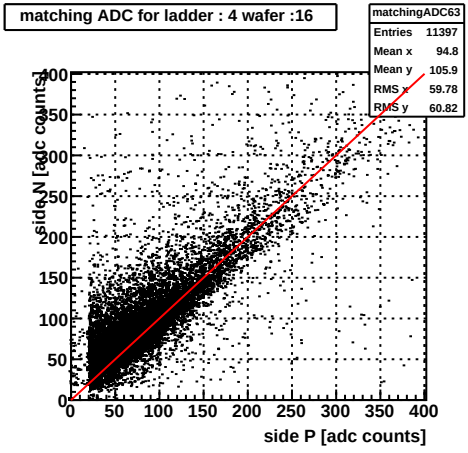

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 12520
Mean x 85.25
Mean y 85.55
RMS x 60.52
RMS y 58.72
side N [adc counts]
side P [adc counts]

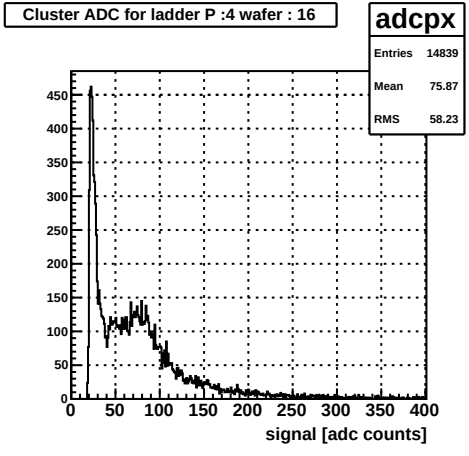

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 25873
Mean 50.34
RMS 47.96
signal [adc counts]

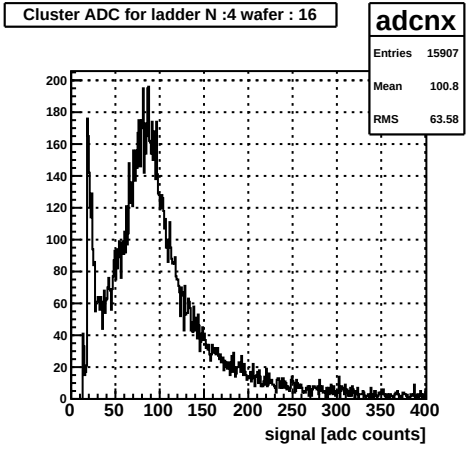

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 17600
Mean 78.35
RMS 61.24
signal [adc counts]

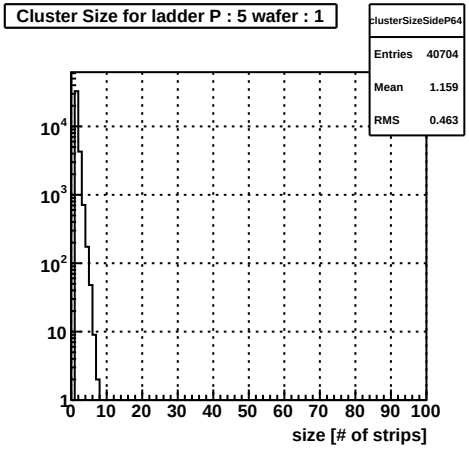

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 14839
Mean 1.338
RMS 0.6523
size [# of strips]

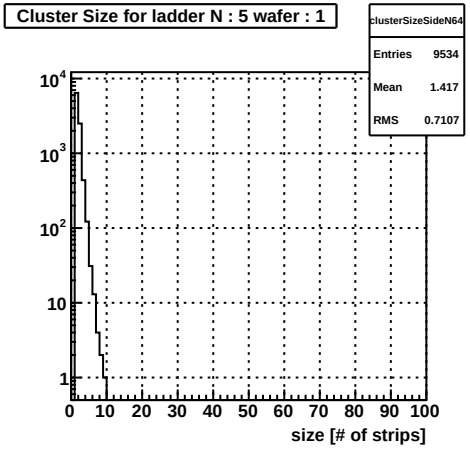

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 15907
Mean 1.726
RMS 0.8936
size [# of strips]

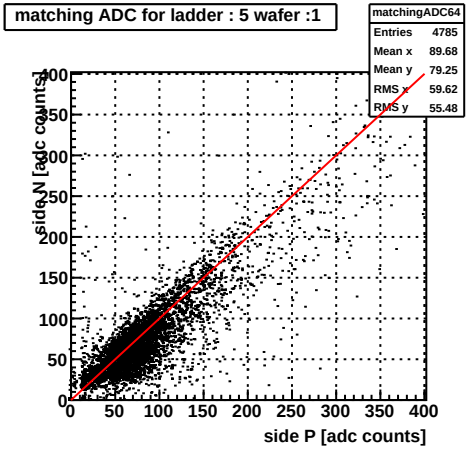

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 11397
Mean x 94.8
Mean y 105.9
RMS x 59.78
RMS y 60.82
side N [adc counts]
side P [adc counts]

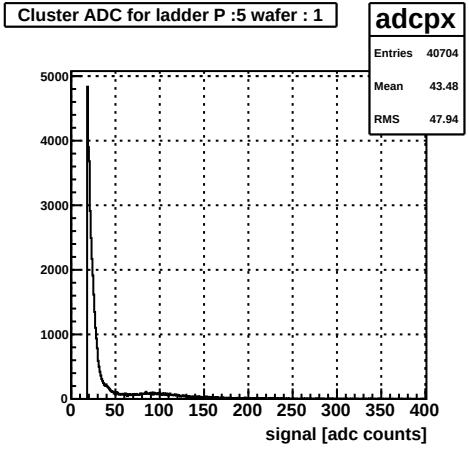

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 14839
Mean 75.87
RMS 58.23
signal [adc counts]

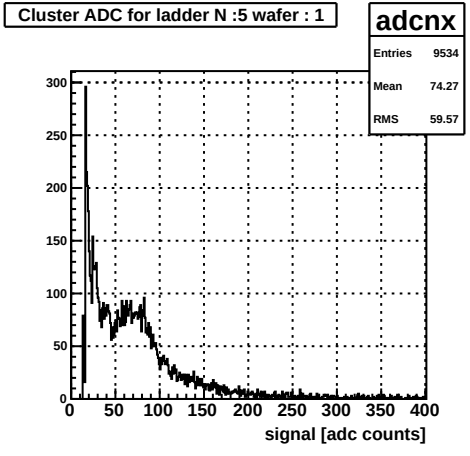

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 15907
Mean 100.8
RMS 63.58
signal [adc counts]

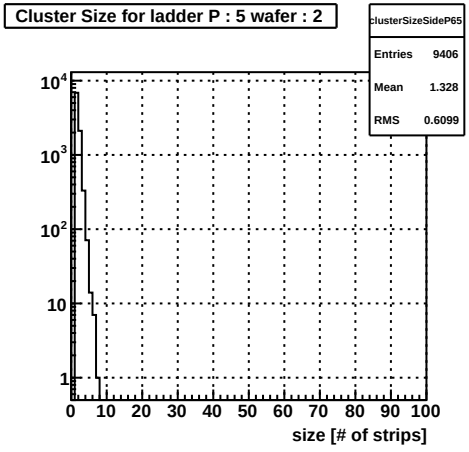

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 40704
Mean 1.159
RMS 0.463
size [# of strips]

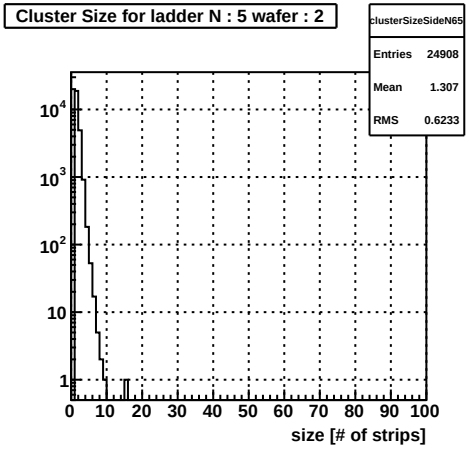

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 9534
Mean 1.417
RMS 0.7107
size [# of strips]

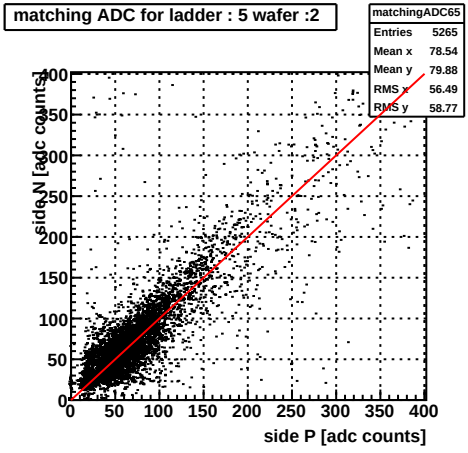

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4785
Mean x 89.68
Mean y 79.25
RMS x 59.62
RMS y 55.48
side N [adc counts]
side P [adc counts]

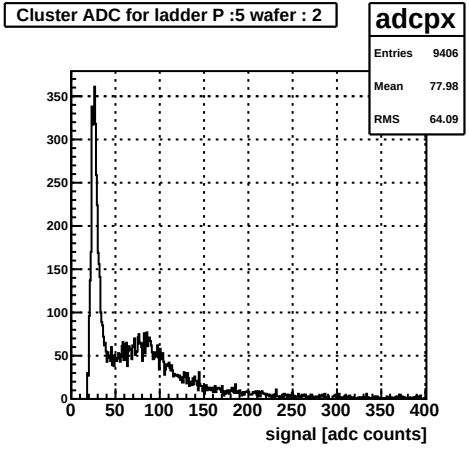

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 40704
Mean 43.48
RMS 47.94
signal [adc counts]

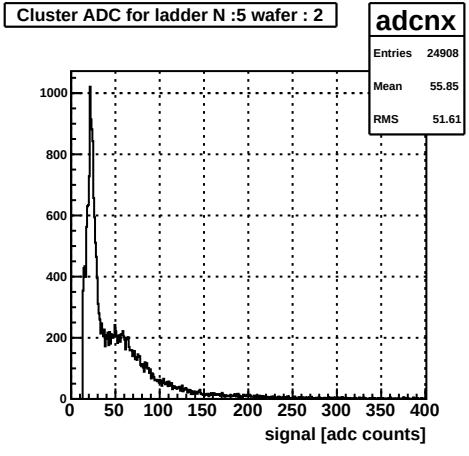

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 9534
Mean 74.27
RMS 59.57
signal [adc counts]

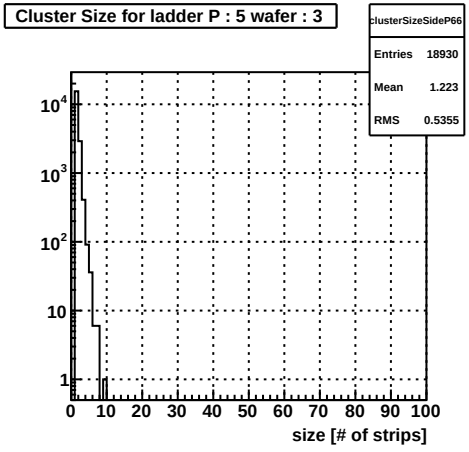

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 9406
Mean 1.328
RMS 0.6099
size [# of strips]

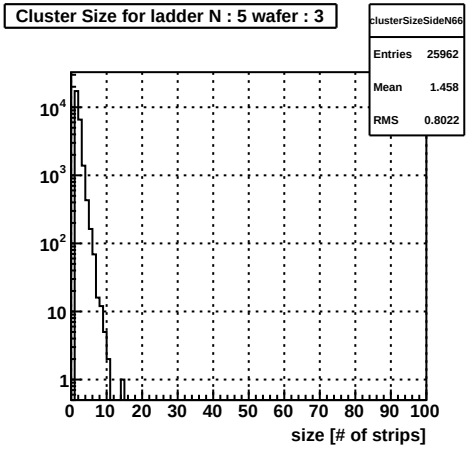

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 24908
Mean 1.307
RMS 0.6233
size [# of strips]

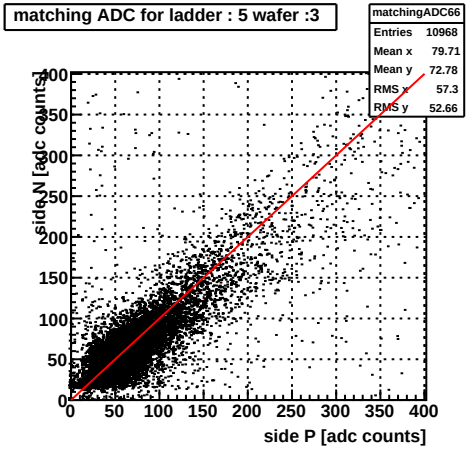

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 5265
Mean x 78.54
Mean y 79.88
RMS x 56.49
RMS y 58.77
side N [adc counts]
side P [adc counts]

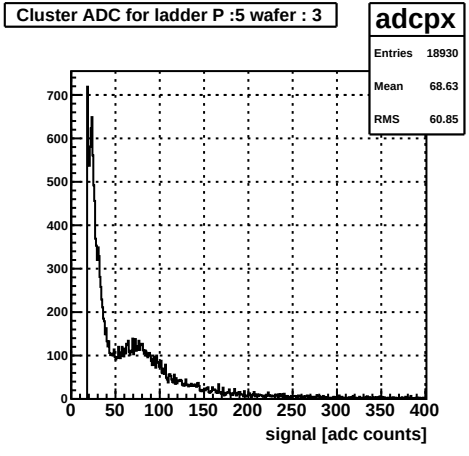

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 9406
Mean 77.98
RMS 64.09
signal [adc counts]

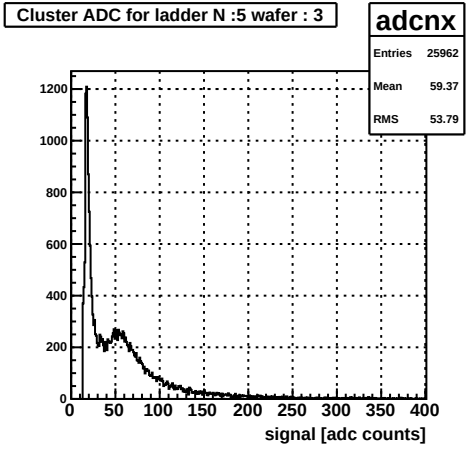

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 24908
Mean 55.85
RMS 51.61
signal [adc counts]

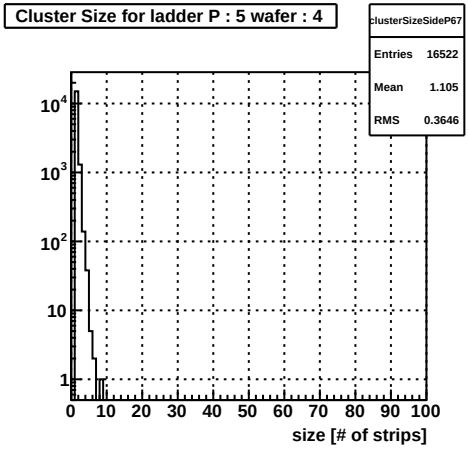

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 18930
Mean 1.223
RMS 0.5355
size [# of strips]

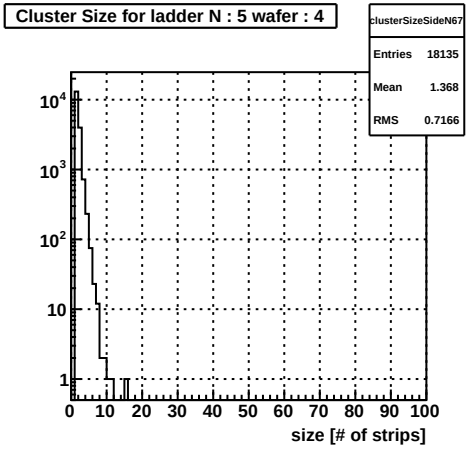

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 25962
Mean 1.458
RMS 0.8022
size [# of strips]

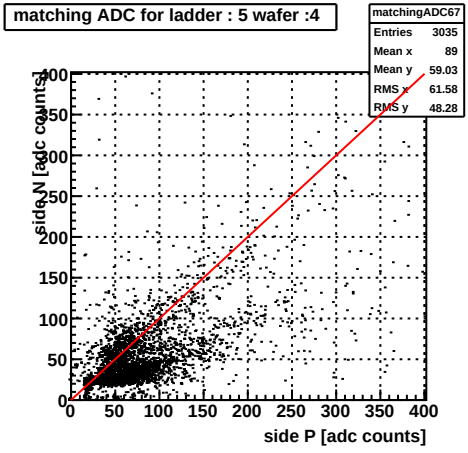

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 10968
Mean x 79.71
Mean y 72.78
RMS x 57.3
RMS y 52.66
side N [adc counts]
side P [adc counts]

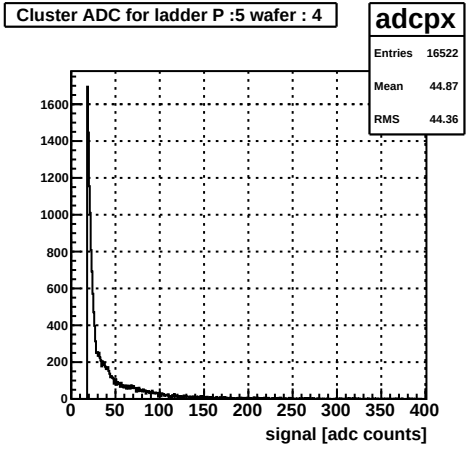

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 18930
Mean 68.63
RMS 60.85
signal [adc counts]

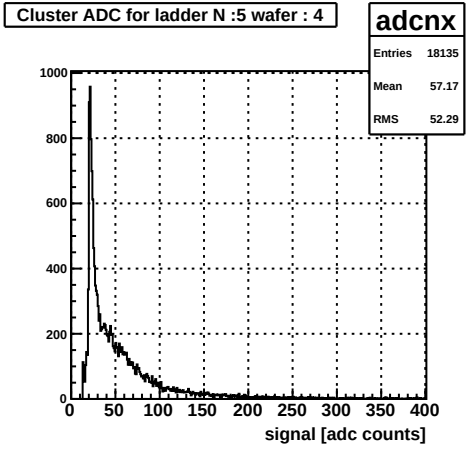

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 25962
Mean 59.37
RMS 53.79
signal [adc counts]

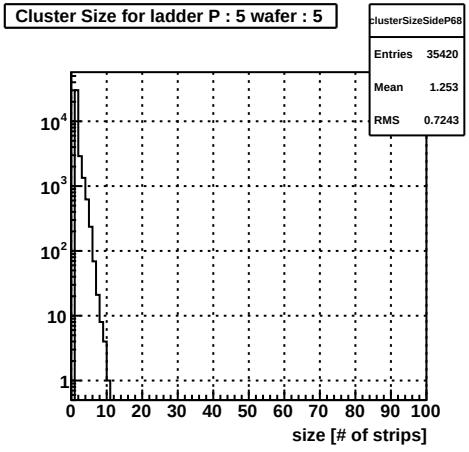

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 16522
Mean 1.105
RMS 0.3646
size [# of strips]

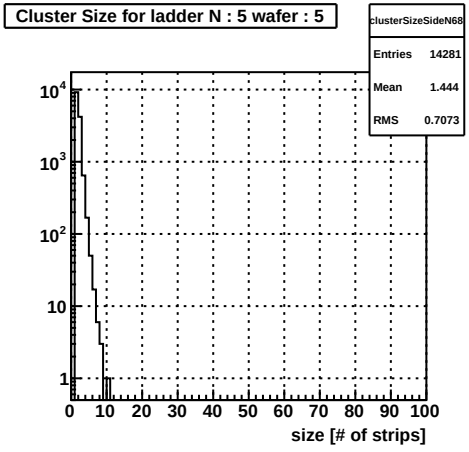

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 18135
Mean 1.368
RMS 0.7166
size [# of strips]

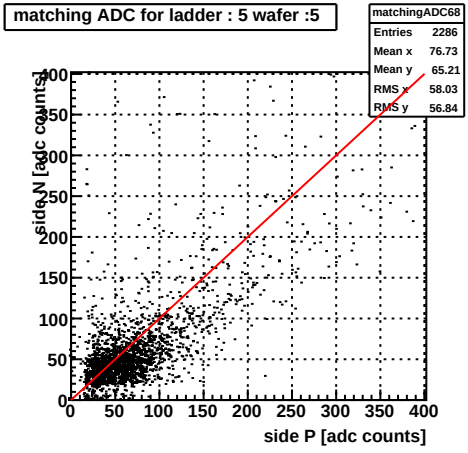

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 3035
Mean x 89
Mean y 59.03
RMS x 61.58
RMS y 48.28
side N [adc counts]
side P [adc counts]

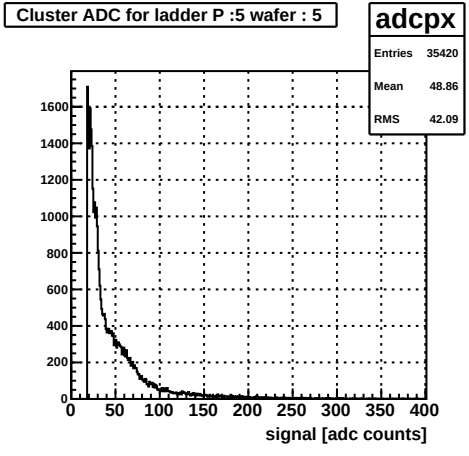

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 16522
Mean 44.87
RMS 44.36
signal [adc counts]

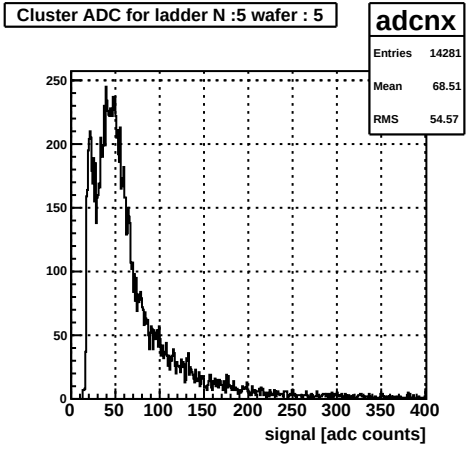

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 18135
Mean 57.17
RMS 52.29
signal [adc counts]

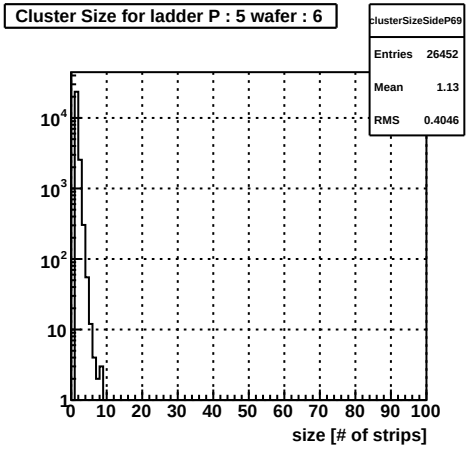

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 35420
Mean 1.253
RMS 0.7243
size [# of strips]

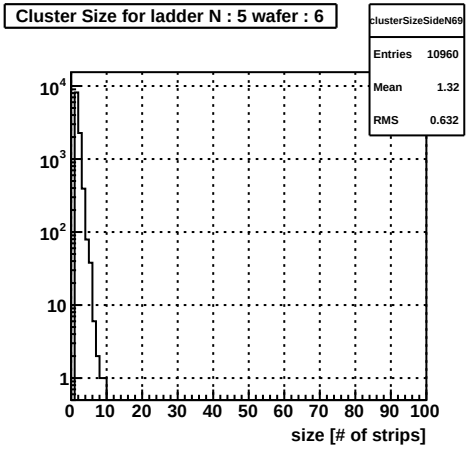

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 14281
Mean 1.444
RMS 0.7073
size [# of strips]

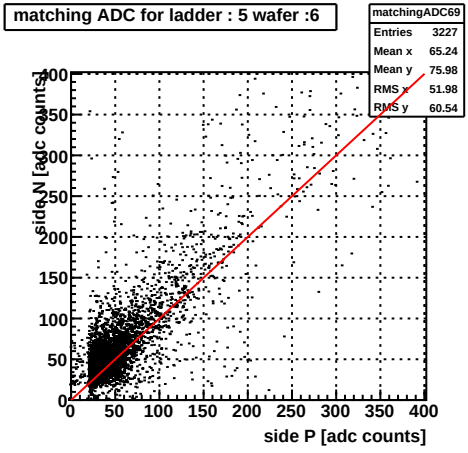

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 2286
Mean x 76.73
Mean y 65.21
RMS x 58.03
RMS y 56.84
side N [adc counts]
side P [adc counts]

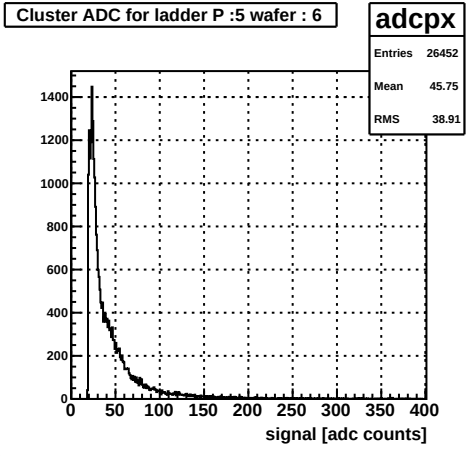

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 35420
Mean 48.86
RMS 42.09
signal [adc counts]

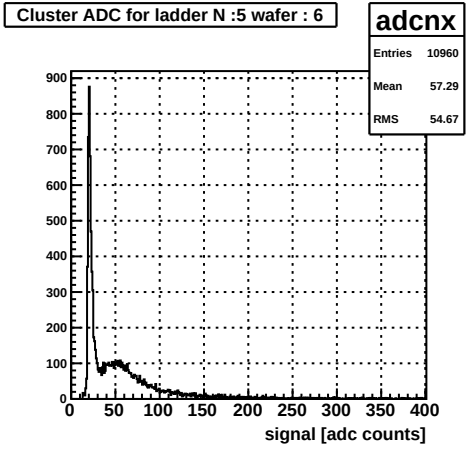

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 14281
Mean 68.51
RMS 54.57
signal [adc counts]

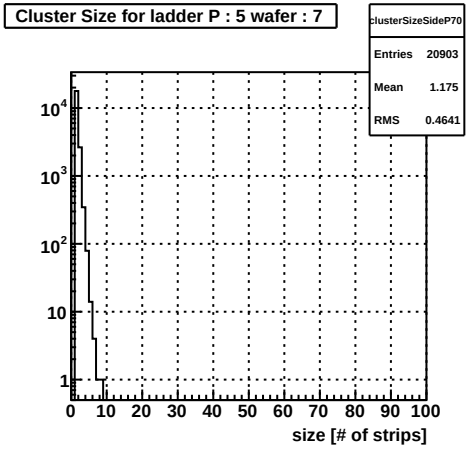

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 26452
Mean 1.13
RMS 0.4046
size [# of strips]

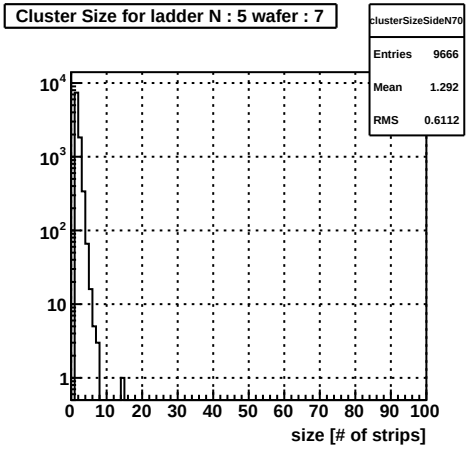

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10960
Mean 1.32
RMS 0.632
size [# of strips]

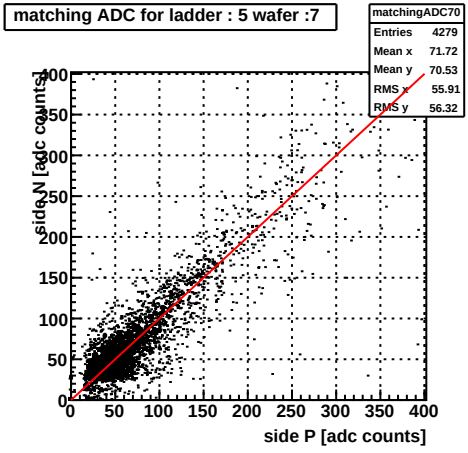

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 3227
Mean x 65.24
Mean y 75.98
RMS x 51.98
RMS y 60.54
side N [adc counts]
side P [adc counts]

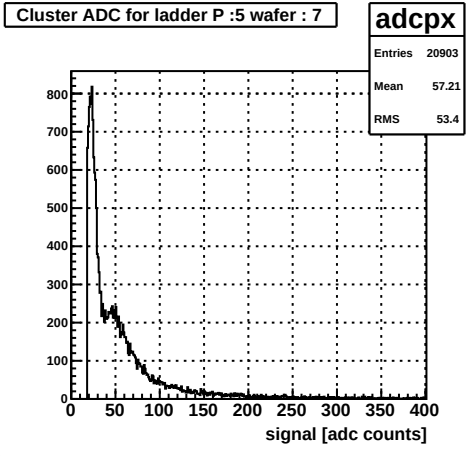

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 26452
Mean 45.75
RMS 38.91
signal [adc counts]

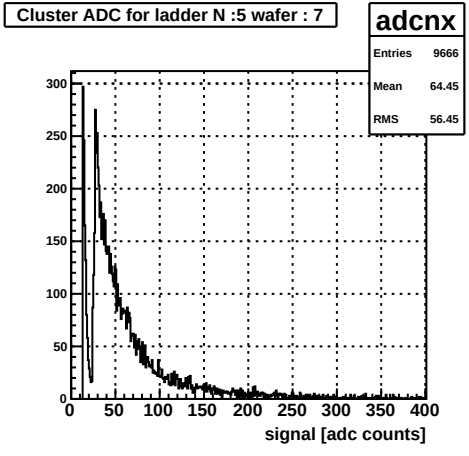

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10960
Mean 57.29
RMS 54.67
signal [adc counts]

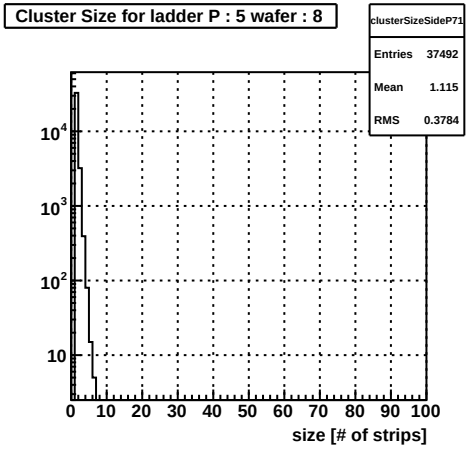

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 20903
Mean 1.175
RMS 0.4641
size [# of strips]

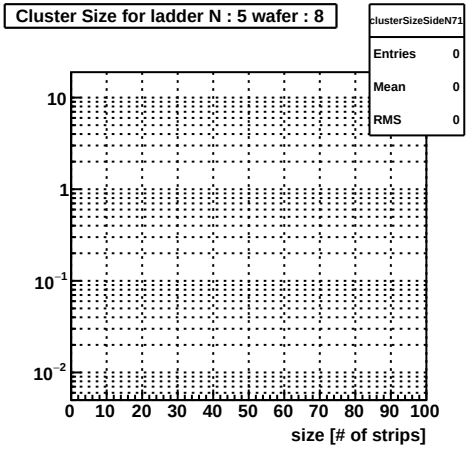

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 9666
Mean 1.292
RMS 0.6112
size [# of strips]

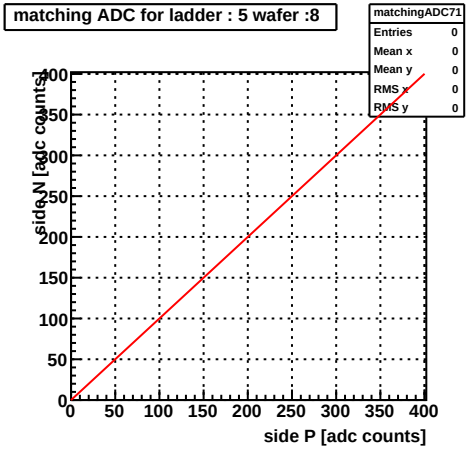

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 4279
Mean x 71.72
Mean y 70.53
RMS x 55.91
RMS y 56.32
side N [adc counts]
side P [adc counts]

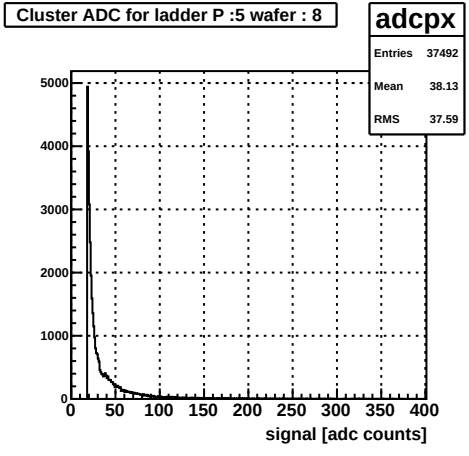

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 20903
Mean 57.21
RMS 53.4
signal [adc counts]

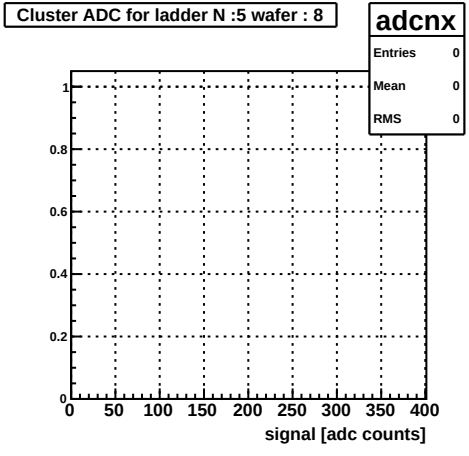

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 9666
Mean 64.45
RMS 56.45
signal [adc counts]

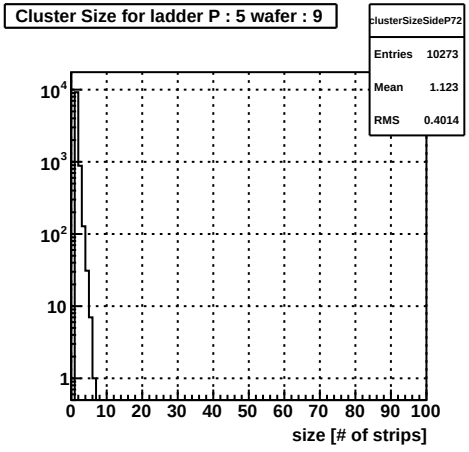

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 37492
Mean 1.115
RMS 0.3784
size [# of strips]

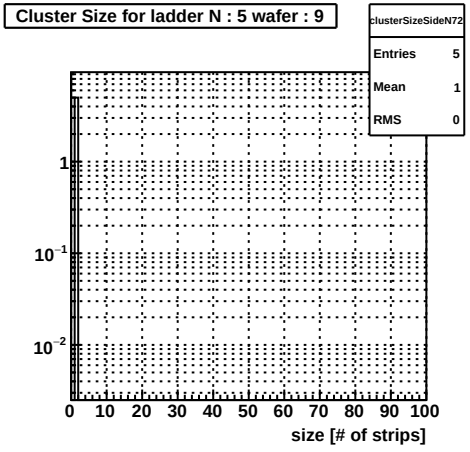

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

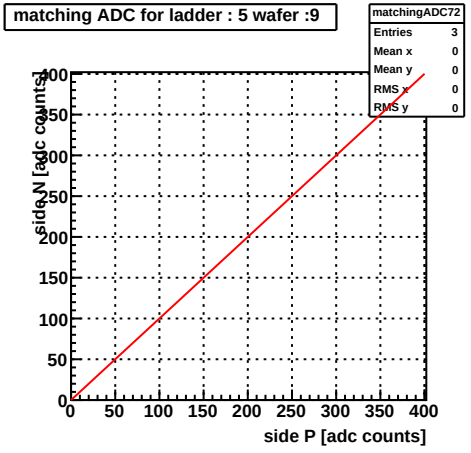

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

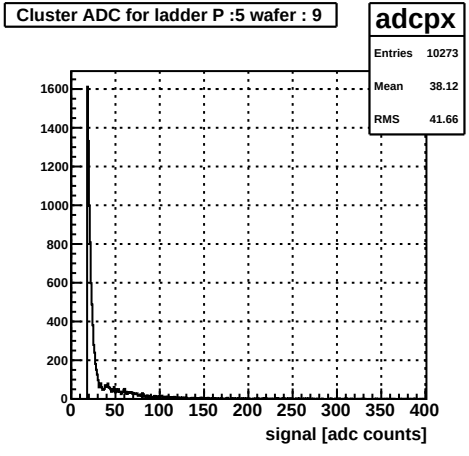

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 37492
Mean 38.13
RMS 37.59
signal [adc counts]

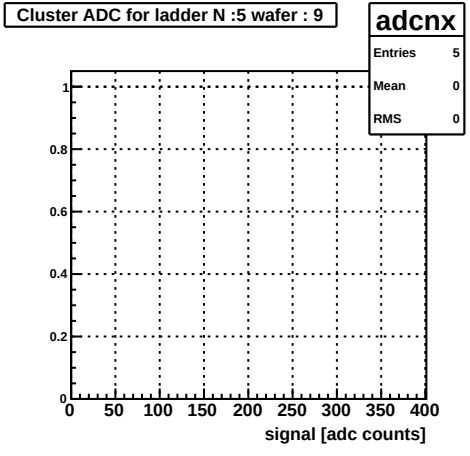

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

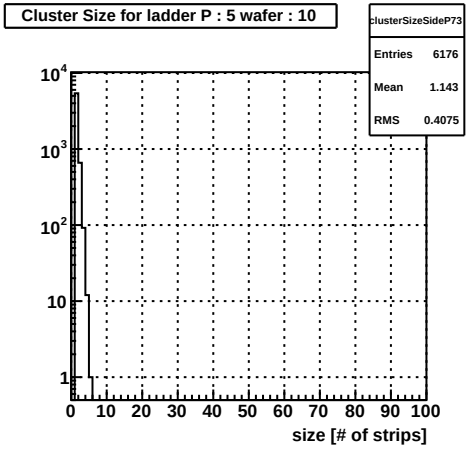

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 10273
Mean 1.123
RMS 0.4014
size [# of strips]

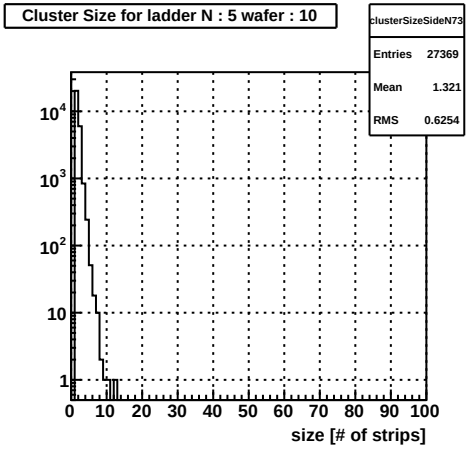

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 5
Mean 1
RMS 0
size [# of strips]

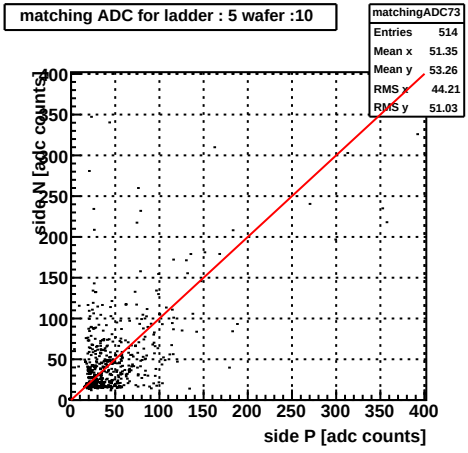

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

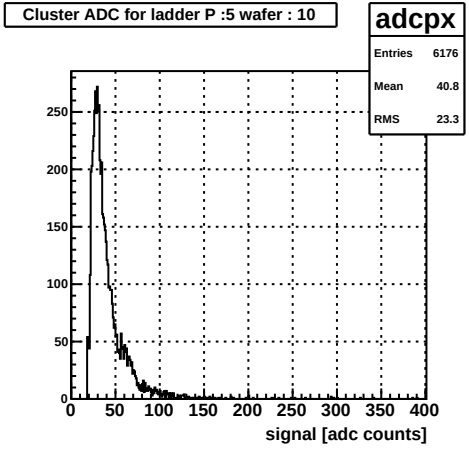

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 10273
Mean 38.12
RMS 41.66
signal [adc counts]

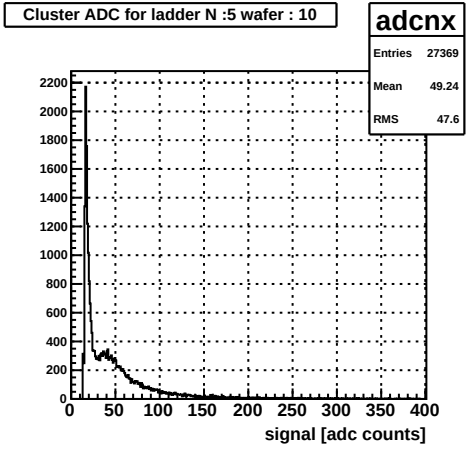

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

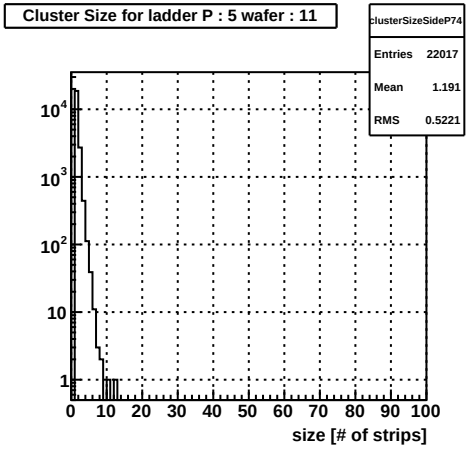

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6176
Mean 1.143
RMS 0.4075
size [# of strips]

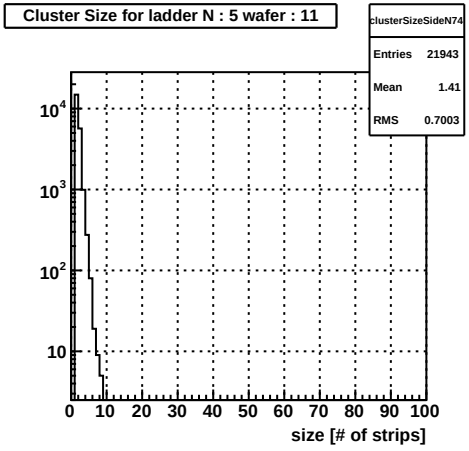

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 27369
Mean 1.321
RMS 0.6254
size [# of strips]

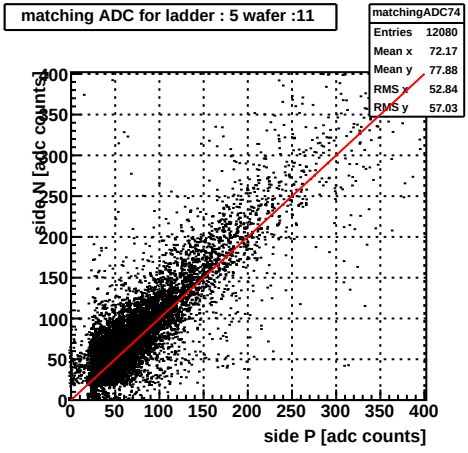

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 514
Mean x 51.35
Mean y 53.26
RMS x 44.21
RMS y 51.03
side N [adc counts]
side P [adc counts]

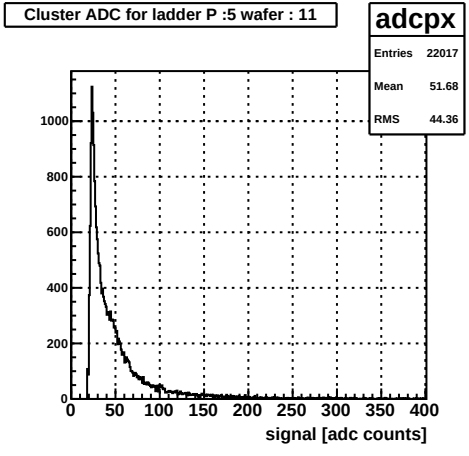

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6176
Mean 40.8
RMS 23.3
signal [adc counts]

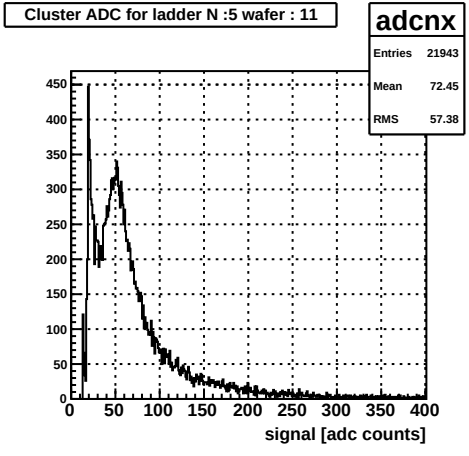

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 27369
Mean 49.24
RMS 47.6
signal [adc counts]

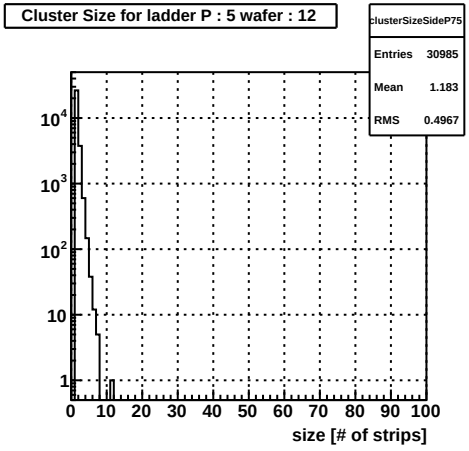

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 22017
Mean 1.191
RMS 0.5221
size [# of strips]

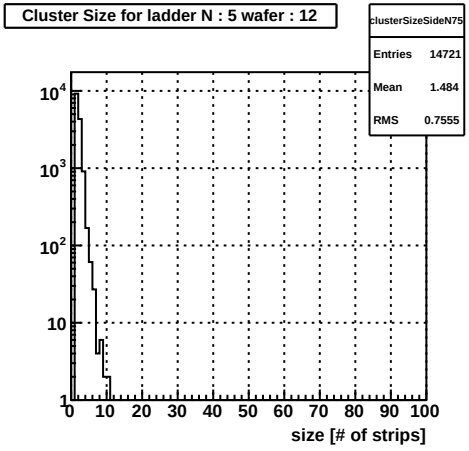

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 21943
Mean 1.41
RMS 0.7003
size [# of strips]

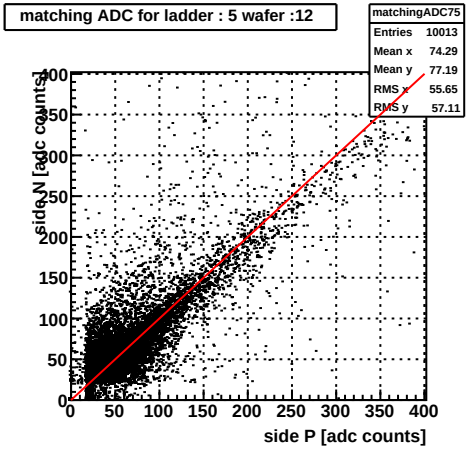

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 12080
Mean x 72.17
Mean y 77.88
RMS x 52.84
RMS y 57.03
side N [adc counts]
side P [adc counts]

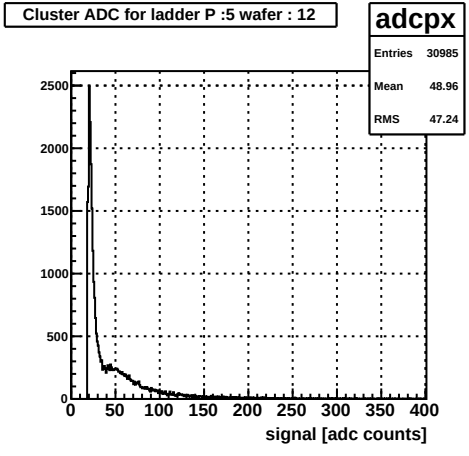

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 22017
Mean 51.68
RMS 44.36
signal [adc counts]

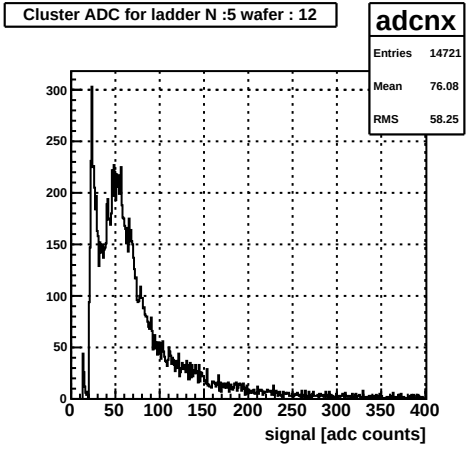

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 21943
Mean 72.45
RMS 57.38
signal [adc counts]

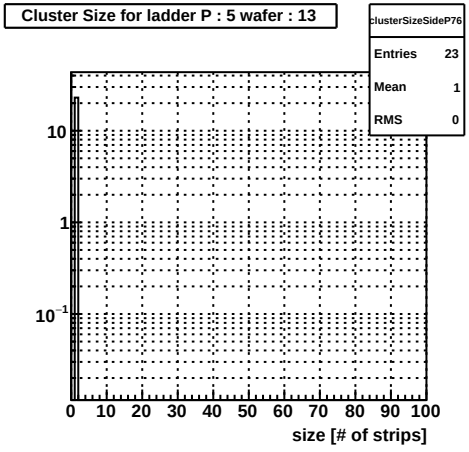

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 30985
Mean 1.183
RMS 0.4967
size [# of strips]

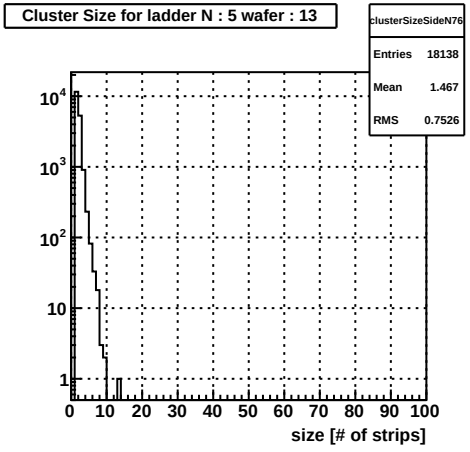

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 14721
Mean 1.484
RMS 0.7555
size [# of strips]

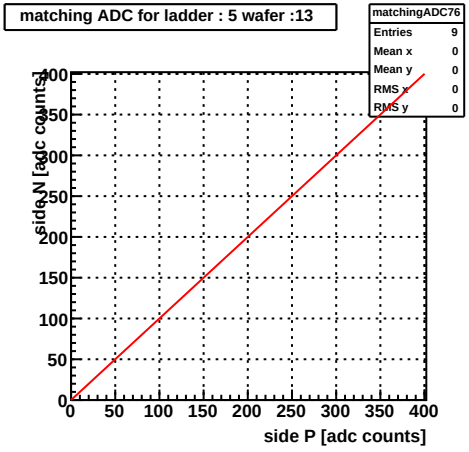

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 10013
Mean x 74.29
Mean y 77.19
RMS x 55.65
RMS y 57.11
side N [adc counts]
side P [adc counts]

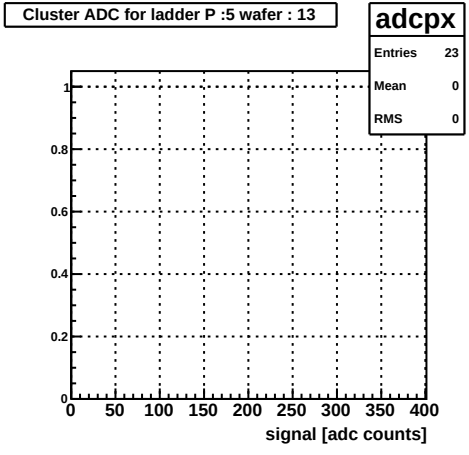

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 30985
Mean 48.96
RMS 47.24
signal [adc counts]

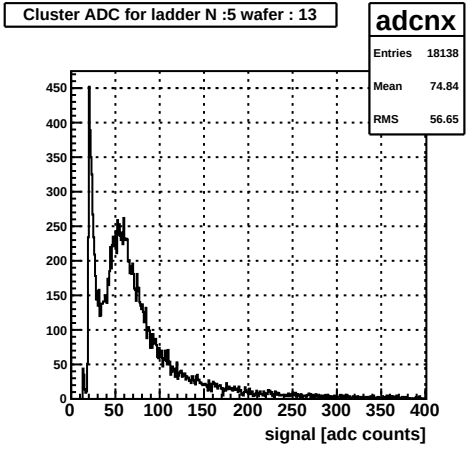

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 14721
Mean 76.08
RMS 58.25
signal [adc counts]

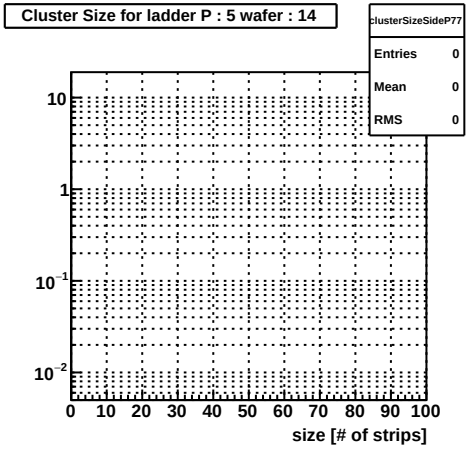

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 23
Mean 1
RMS 0
size [# of strips]

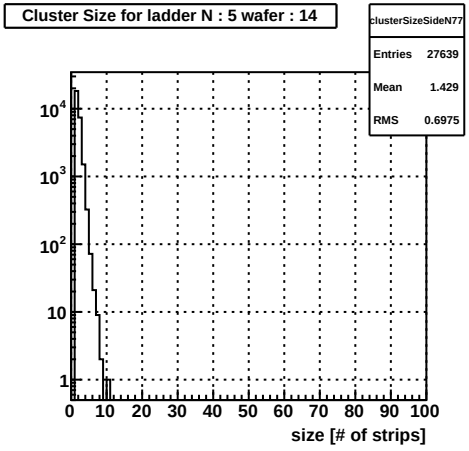

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 18138
Mean 1.467
RMS 0.7526
size [# of strips]

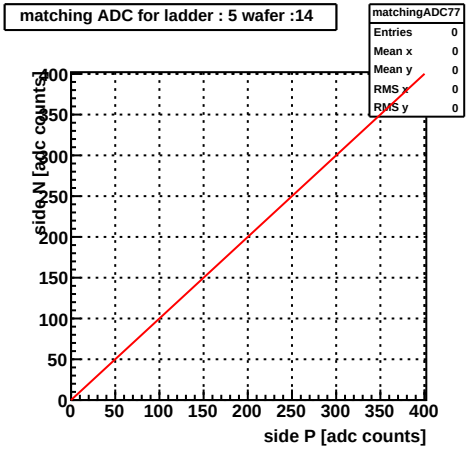

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 9
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

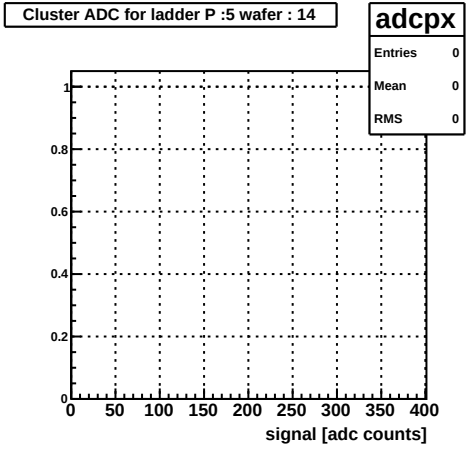

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 23
Mean 0
RMS 0
signal [adc counts]

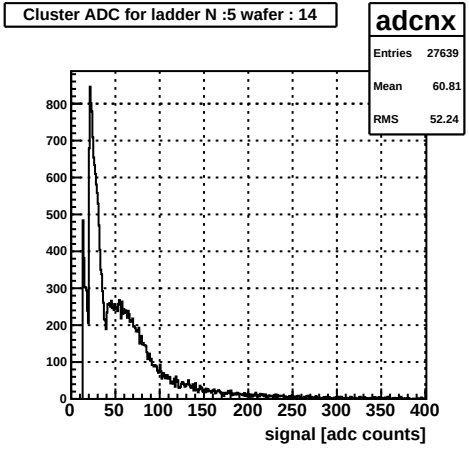

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 18138
Mean 74.84
RMS 56.65
signal [adc counts]

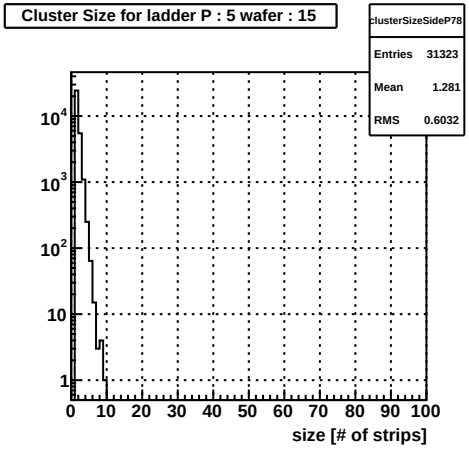

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

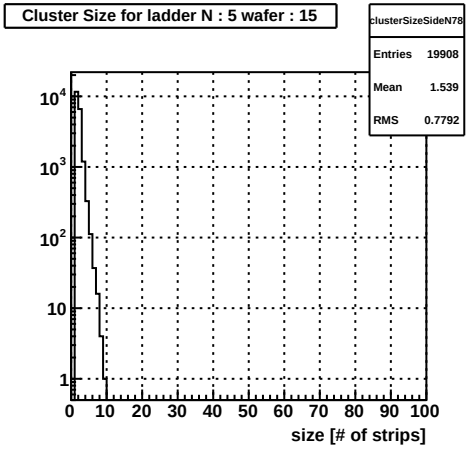

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 27639
Mean 1.429
RMS 0.6975
size [# of strips]

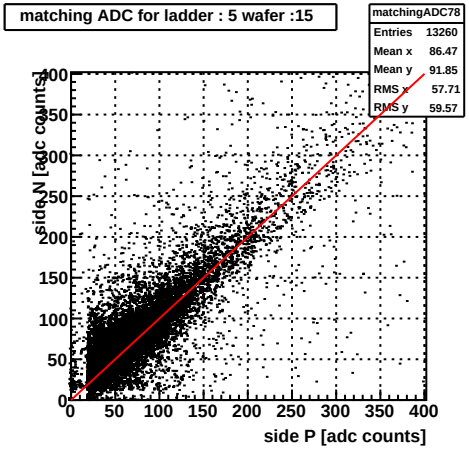

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

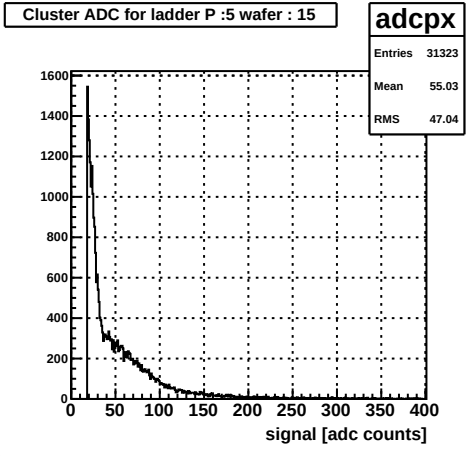

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

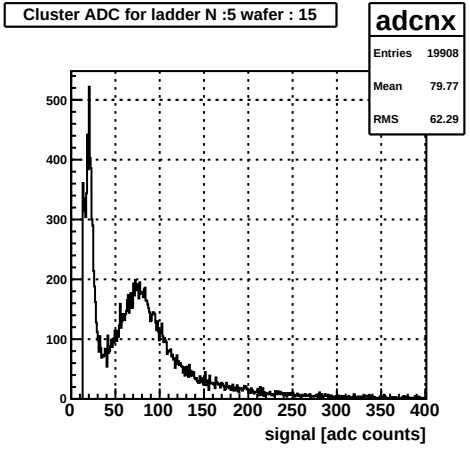

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 27639
Mean 60.81
RMS 52.24
signal [adc counts]

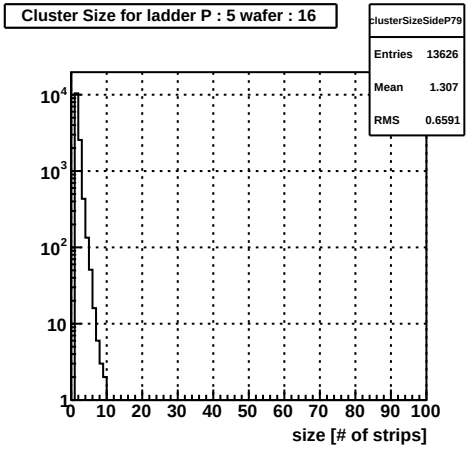

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 31323
Mean 1.281
RMS 0.6032
size [# of strips]

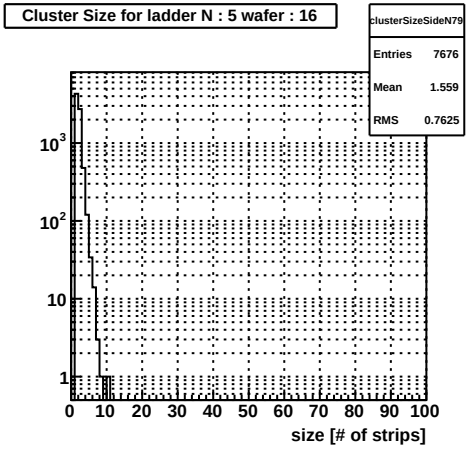

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 19908
Mean 1.539
RMS 0.7792
size [# of strips]

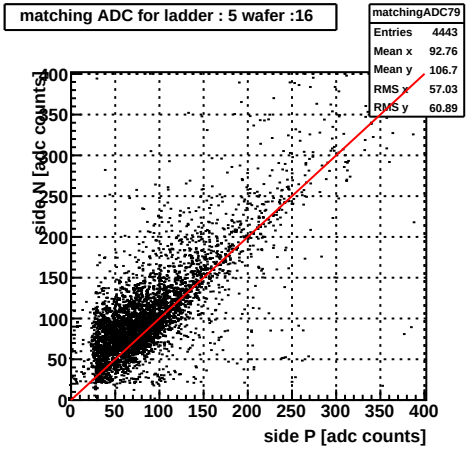

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 13260
Mean x 86.47
Mean y 91.85
RMS x 57.71
RMS y 59.57
side N [adc counts]
side P [adc counts]

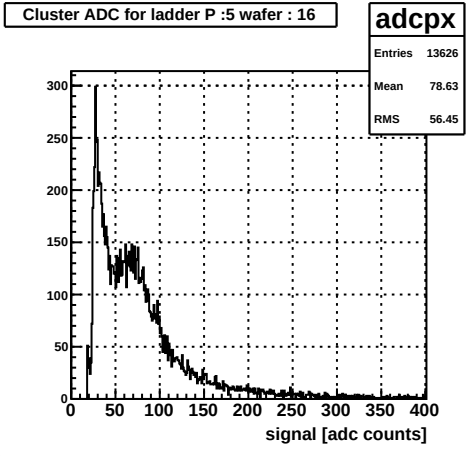

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 31323
Mean 55.03
RMS 47.04
signal [adc counts]

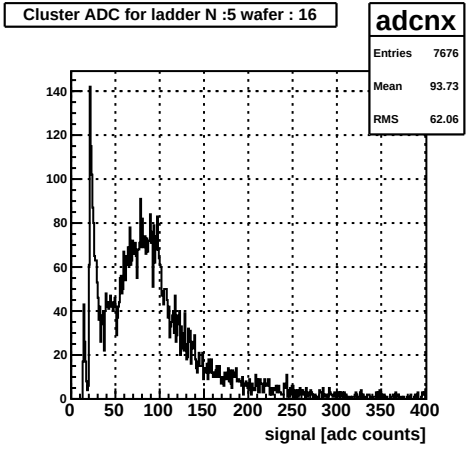

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 19908
Mean 79.77
RMS 62.29
signal [adc counts]

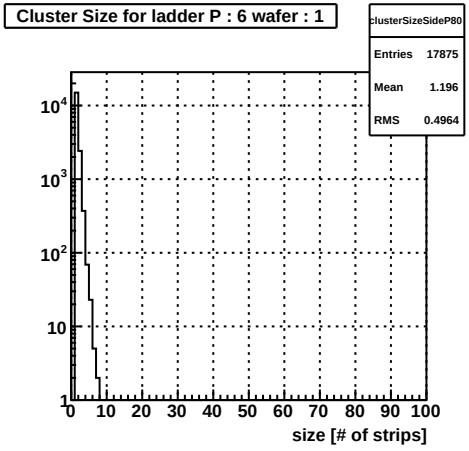

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 13626
Mean 1.307
RMS 0.6591
size [# of strips]

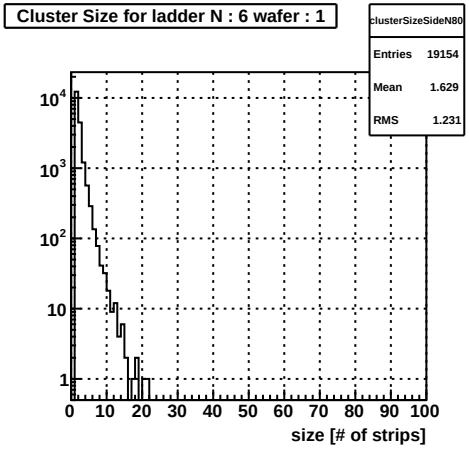

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 7676
Mean 1.559
RMS 0.7625
size [# of strips]

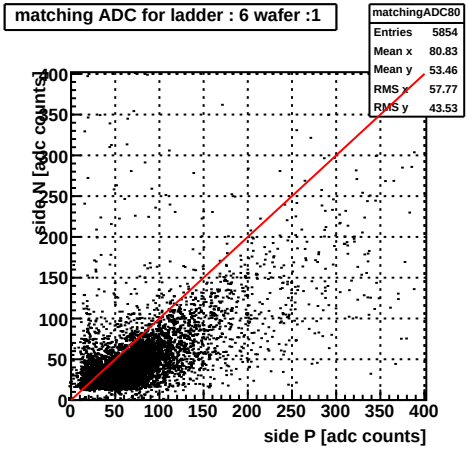

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 4443
Mean x 92.76
Mean y 106.7
RMS x 57.03
RMS y 60.89
side N [adc counts]
side P [adc counts]

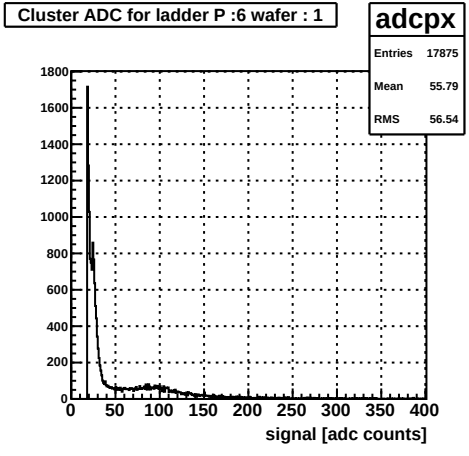

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 13626
Mean 78.63
RMS 56.45
signal [adc counts]

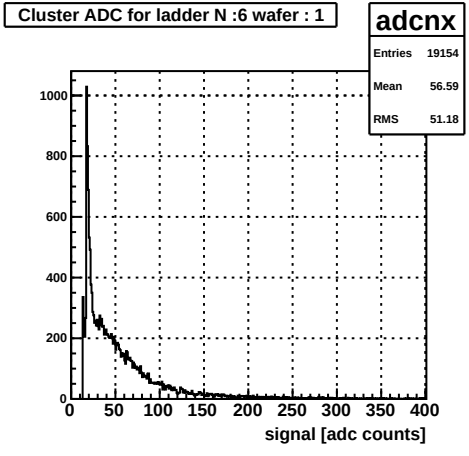

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 7676
Mean 93.73
RMS 62.06
signal [adc counts]

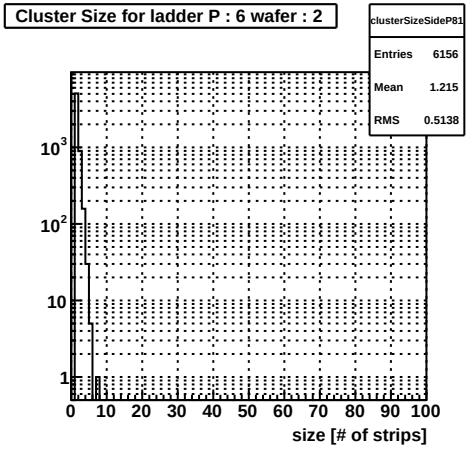

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 17875
Mean 1.196
RMS 0.4964
size [# of strips]

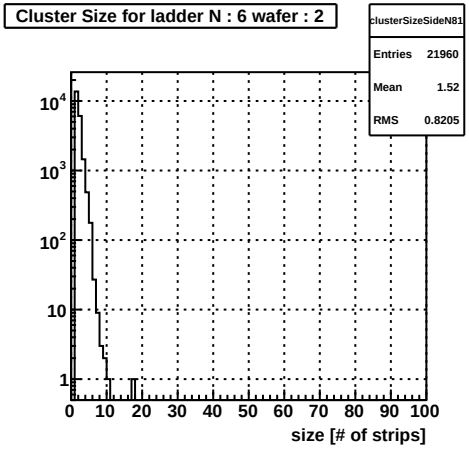

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 19154
Mean 1.629
RMS 1.231
size [# of strips]

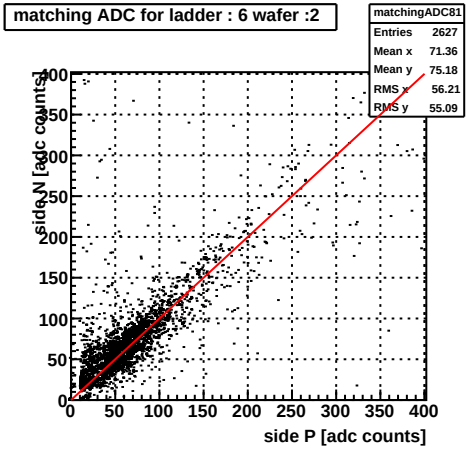

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5854
Mean x 80.83
Mean y 53.46
RMS x 57.77
RMS y 43.53
side N [adc counts]
side P [adc counts]

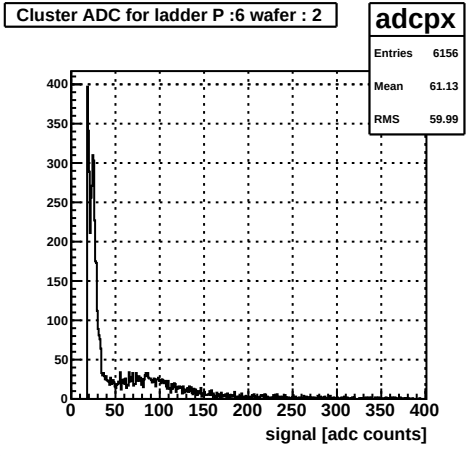

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 17875
Mean 55.79
RMS 56.54
signal [adc counts]

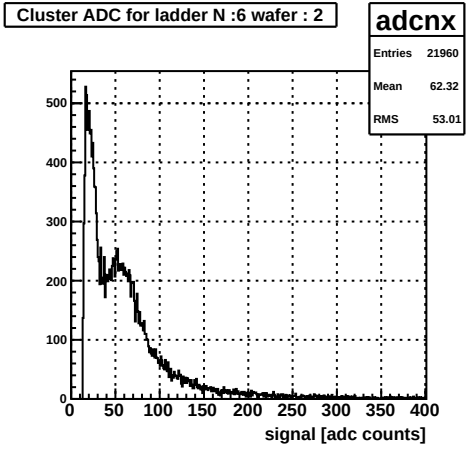

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 19154
Mean 56.59
RMS 51.18
signal [adc counts]

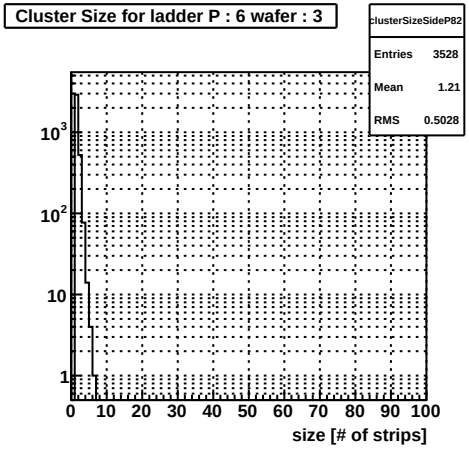

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 6156
Mean 1.215
RMS 0.5138
size [# of strips]

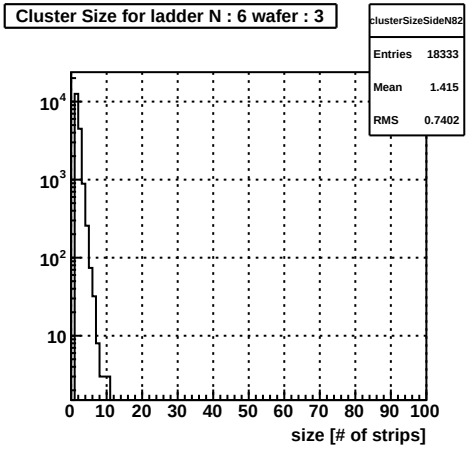

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 21960
Mean 1.52
RMS 0.8205
size [# of strips]

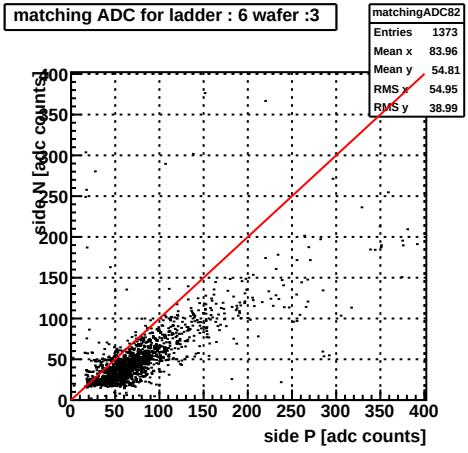

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2627
Mean x 71.36
Mean y 75.18
RMS x 56.21
RMS y 55.09
side N [adc counts]
side P [adc counts]

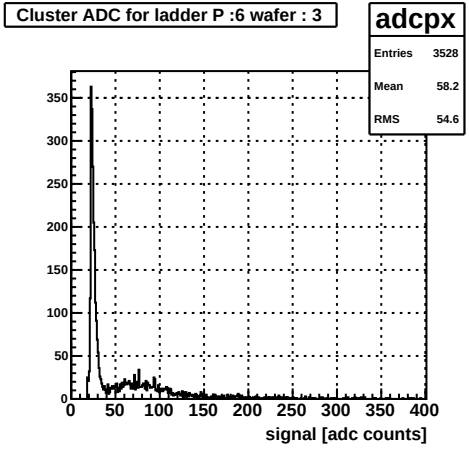

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 6156
Mean 61.13
RMS 59.99
signal [adc counts]

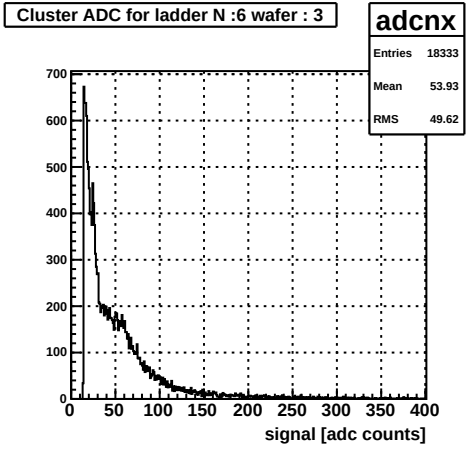

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 21960
Mean 62.32
RMS 53.01
signal [adc counts]

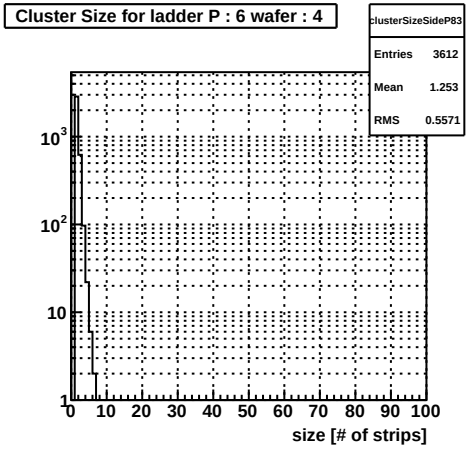

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3528
Mean 1.21
RMS 0.5028
size [# of strips]

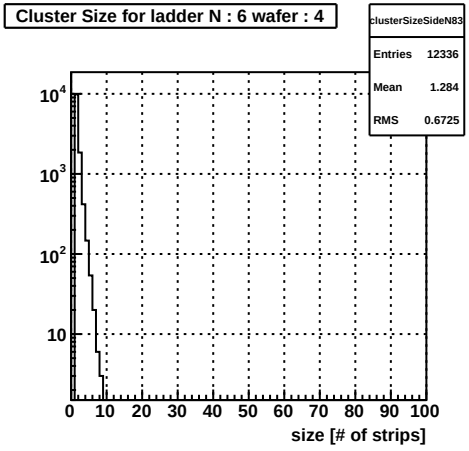

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 18333
Mean 1.415
RMS 0.7402
size [# of strips]

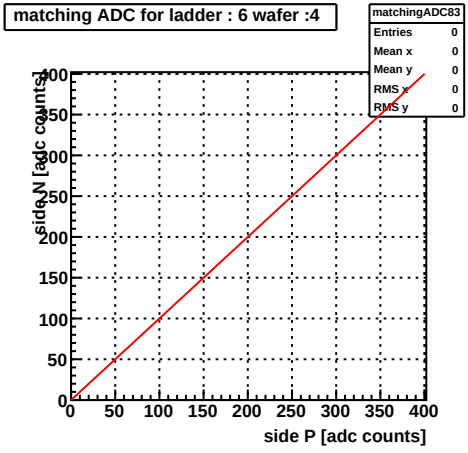

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1373
Mean x 83.96
Mean y 54.81
RMS x 54.95
RMS y 38.99
side N [adc counts]
side P [adc counts]

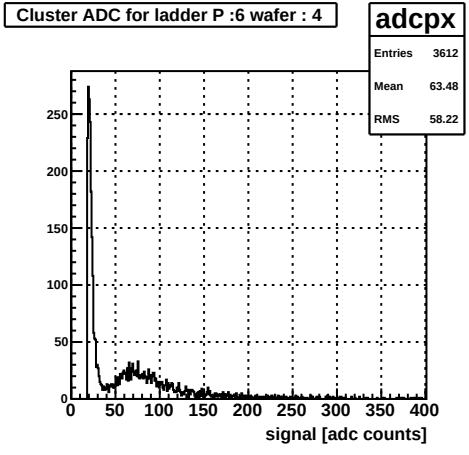

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3528
Mean 58.2
RMS 54.6
signal [adc counts]

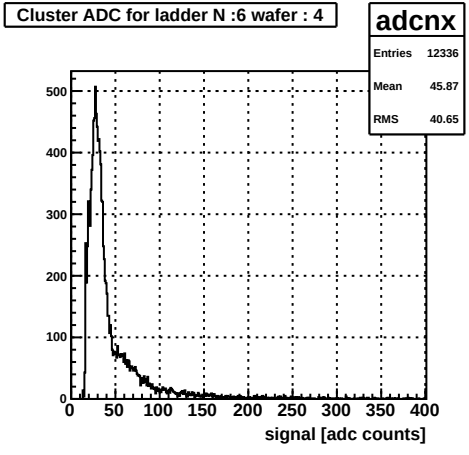

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 18333
Mean 53.93
RMS 49.62
signal [adc counts]

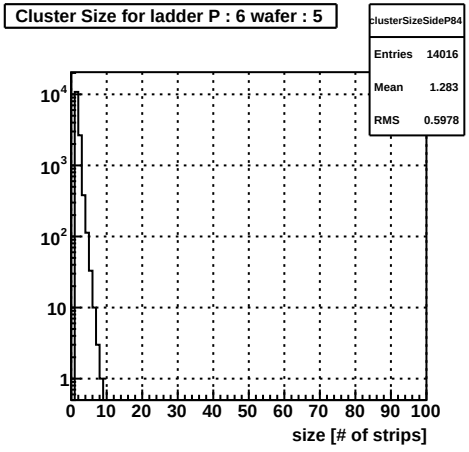

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3612
Mean 1.253
RMS 0.5571
size [# of strips]

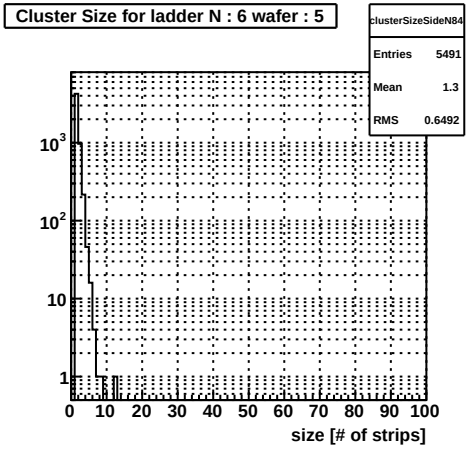

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 12336
Mean 1.284
RMS 0.6725
size [# of strips]

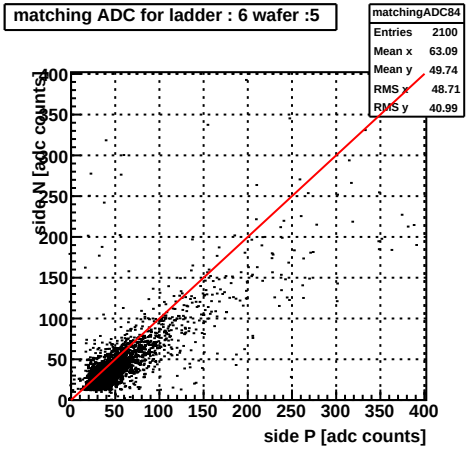

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

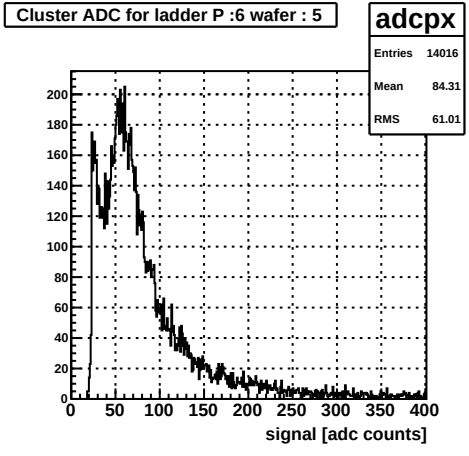

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3612
Mean 63.48
RMS 58.22
signal [adc counts]

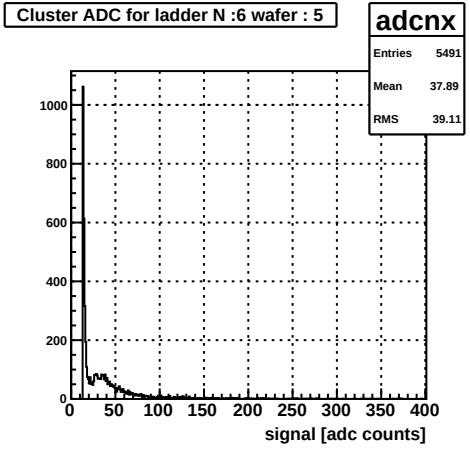

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 12336
Mean 45.87
RMS 40.65
signal [adc counts]

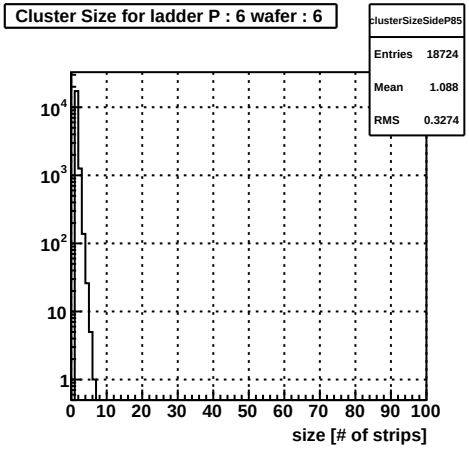

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 14016
Mean 1.283
RMS 0.5978
size [# of strips]

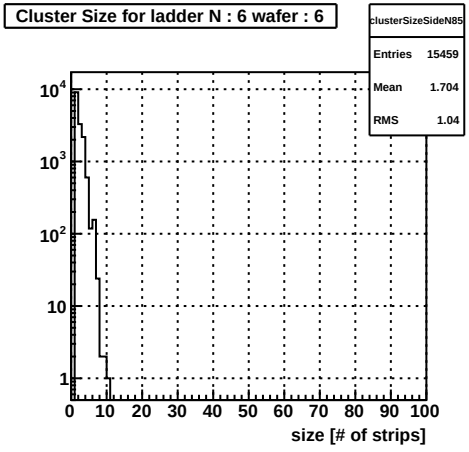

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 5491
Mean 1.3
RMS 0.6492
size [# of strips]

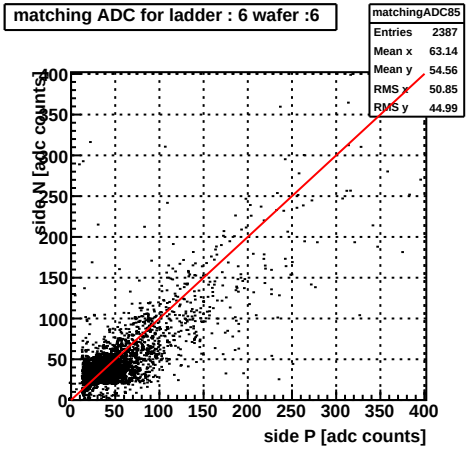

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2100
Mean x 63.09
Mean y 49.74
RMS x 48.71
RMS y 40.99
side N [adc counts]
side P [adc counts]

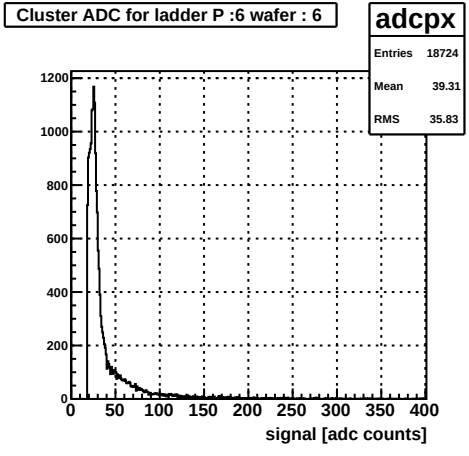

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 14016
Mean 84.31
RMS 61.01
signal [adc counts]

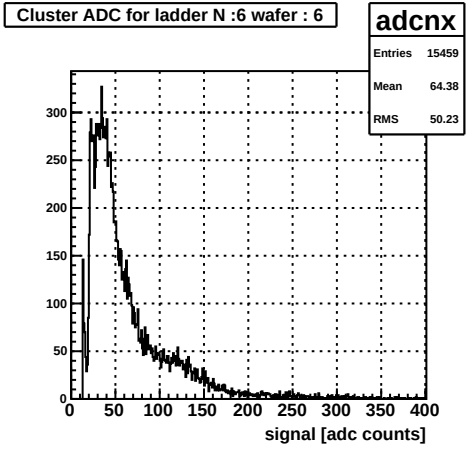

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 5491
Mean 37.89
RMS 39.11
signal [adc counts]

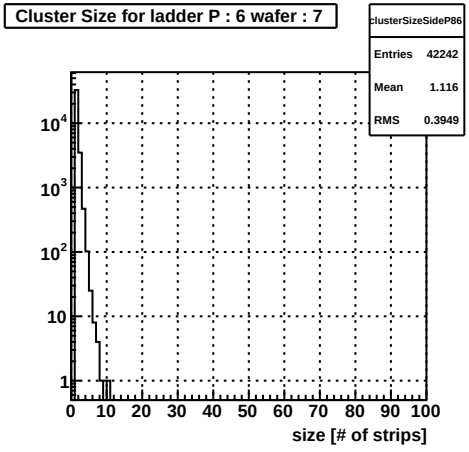

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18724
Mean 1.088
RMS 0.3274
size [# of strips]

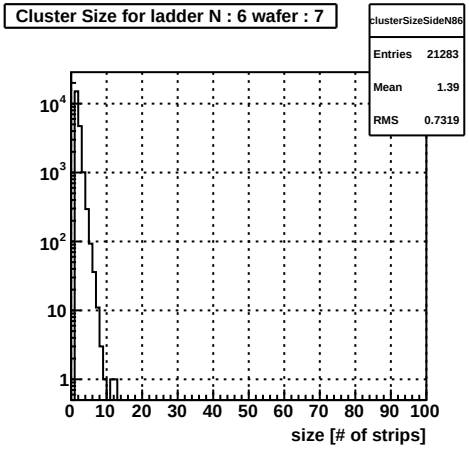

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 15459
Mean 1.704
RMS 1.04
size [# of strips]

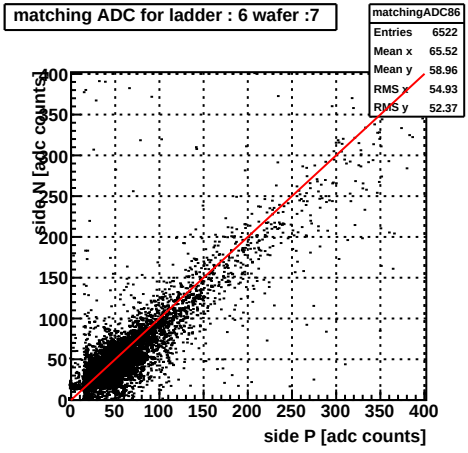

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2387
Mean x 63.14
Mean y 54.56
RMS x 50.85
RMS y 44.99
side N [adc counts]
side P [adc counts]

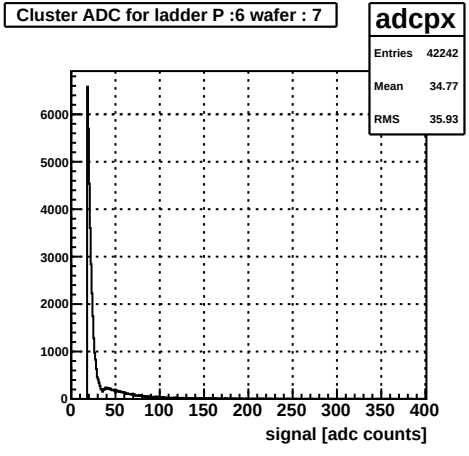

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18724
Mean 39.31
RMS 35.83
signal [adc counts]

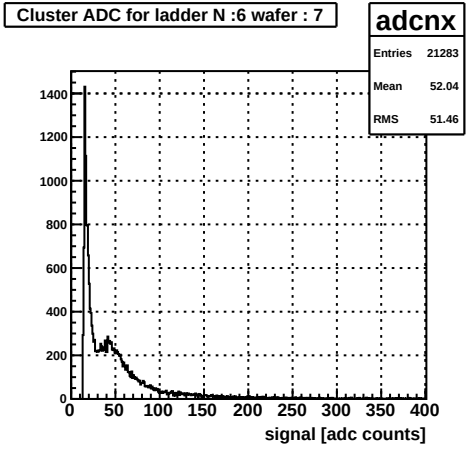

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 15459
Mean 64.38
RMS 50.23
signal [adc counts]

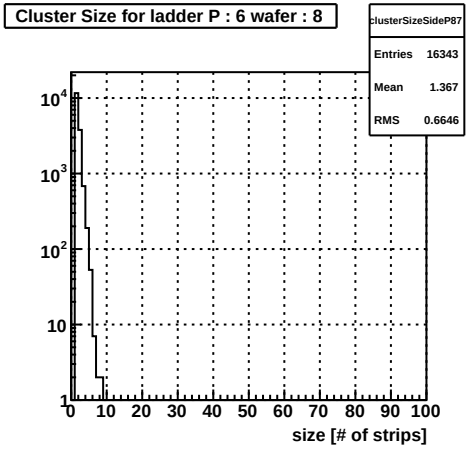

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 42242
Mean 1.116
RMS 0.3949
size [# of strips]

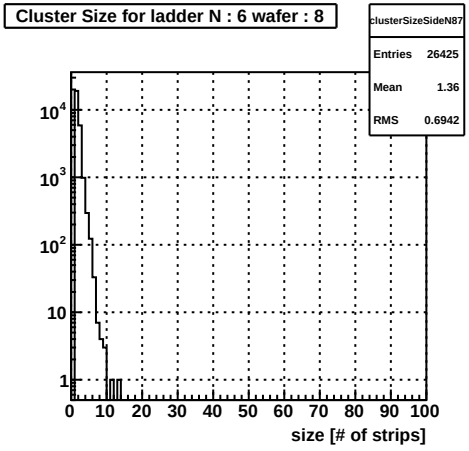

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 21283
Mean 1.39
RMS 0.7319
size [# of strips]

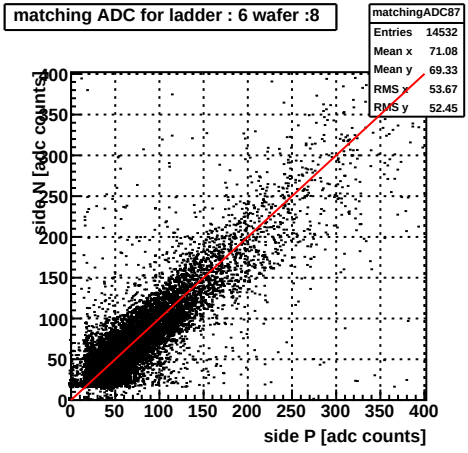

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 6522
Mean x 65.52
Mean y 58.96
RMS x 54.93
RMS y 52.37
side N [adc counts]
side P [adc counts]

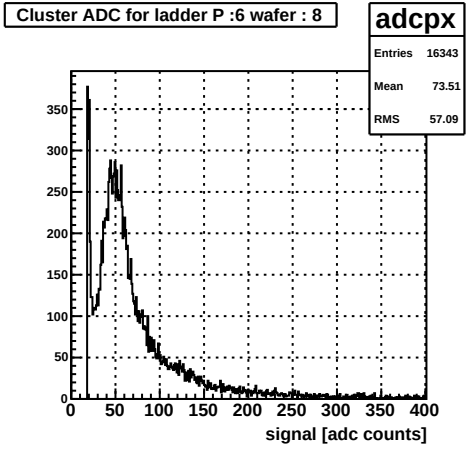

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 42242
Mean 34.77
RMS 35.93
signal [adc counts]

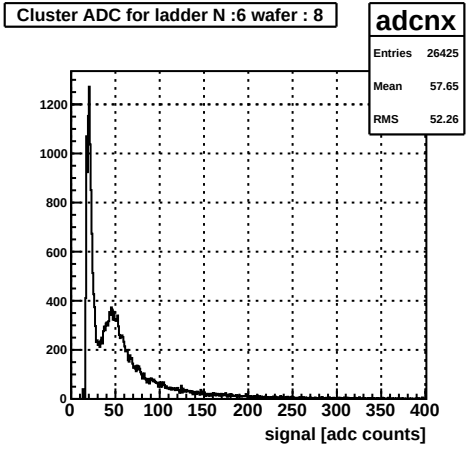

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 21283
Mean 52.04
RMS 51.46
signal [adc counts]

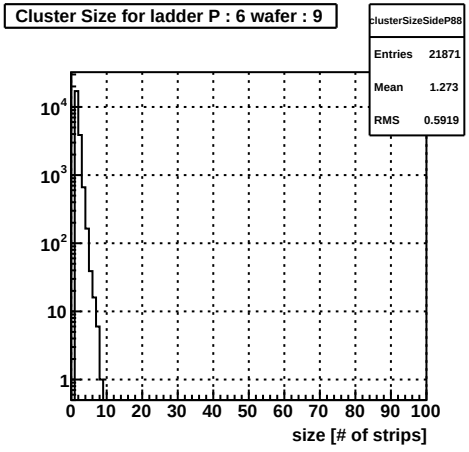

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 16343
Mean 1.367
RMS 0.6646
size [# of strips]

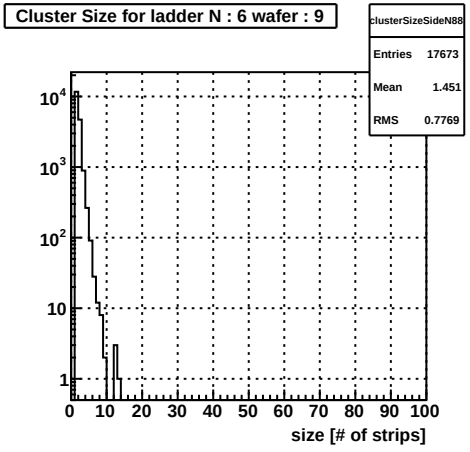

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 26425
Mean 1.36
RMS 0.6942
size [# of strips]

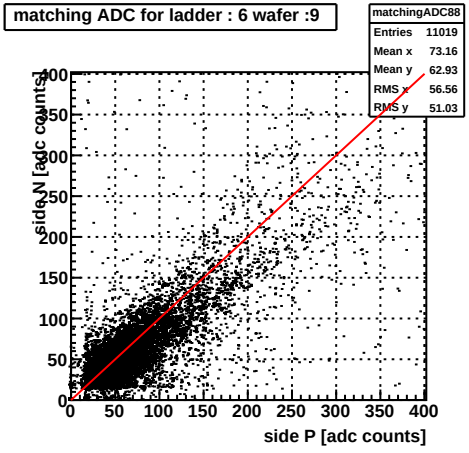

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 14532
Mean x 71.08
Mean y 69.33
RMS x 53.67
RMS y 52.45
side N [adc counts]
side P [adc counts]

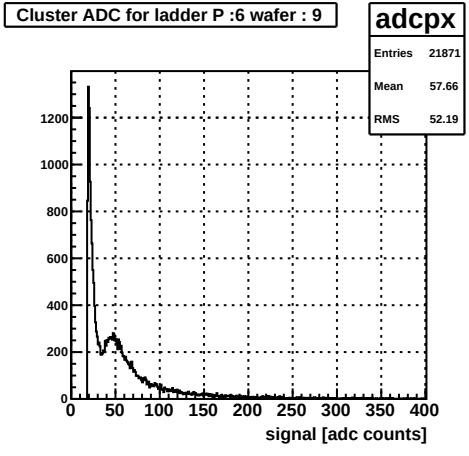

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 16343
Mean 73.51
RMS 57.09
signal [adc counts]

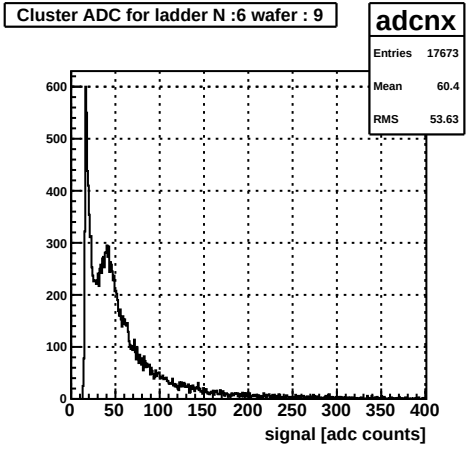

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 26425
Mean 57.65
RMS 52.26
signal [adc counts]

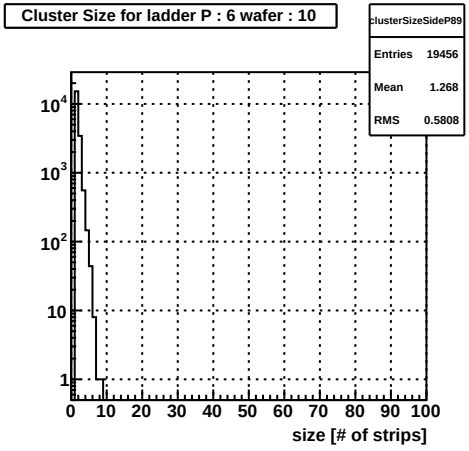

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 21871
Mean 1.273
RMS 0.5919
size [# of strips]

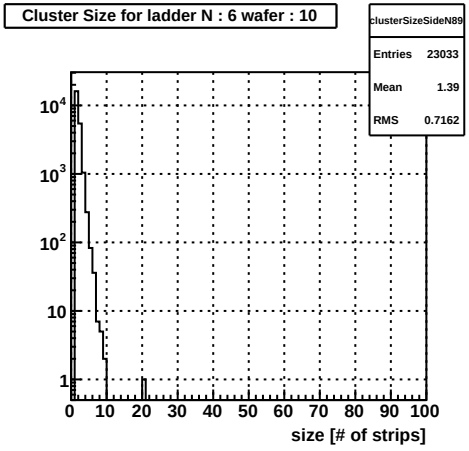

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17673
Mean 1.451
RMS 0.7769
size [# of strips]

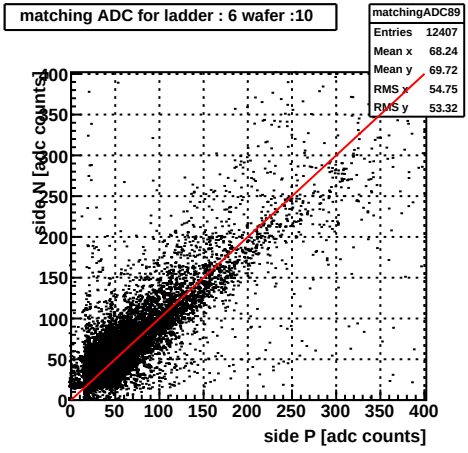

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 11019
Mean x 73.16
Mean y 62.93
RMS x 56.56
RMS y 51.03
side N [adc counts]
side P [adc counts]

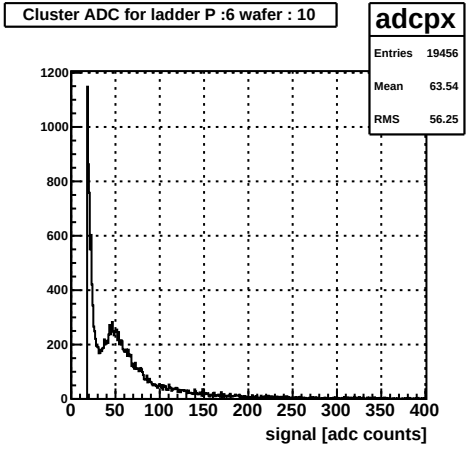

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 21871
Mean 57.66
RMS 52.19
signal [adc counts]

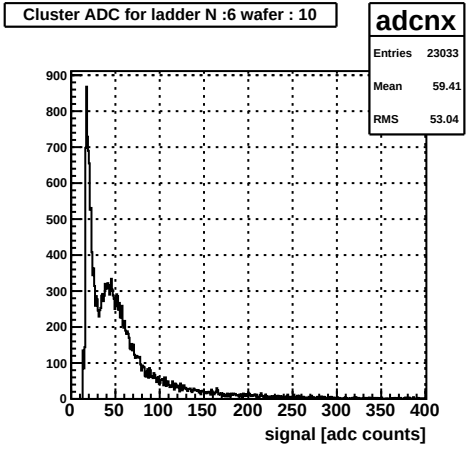

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17673
Mean 60.4
RMS 53.63
signal [adc counts]

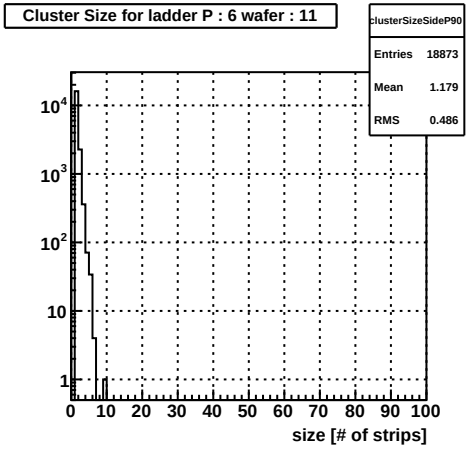

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 19456
Mean 1.268
RMS 0.5808
size [# of strips]

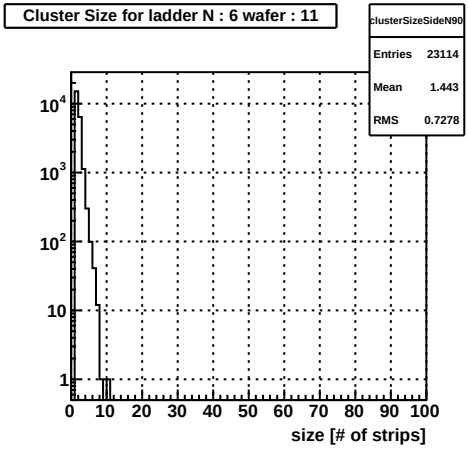

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 23033
Mean 1.39
RMS 0.7162
size [# of strips]

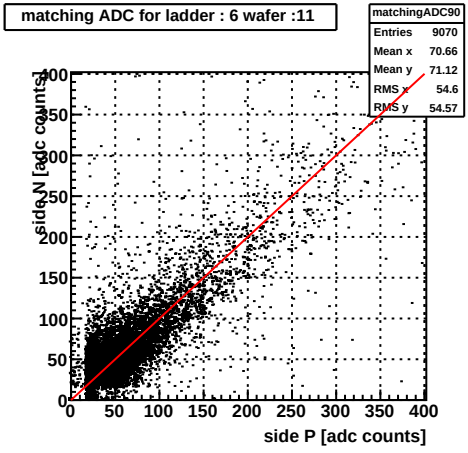

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 12407
Mean x 68.24
Mean y 69.72
RMS x 54.75
RMS y 53.32
side N [adc counts]
side P [adc counts]

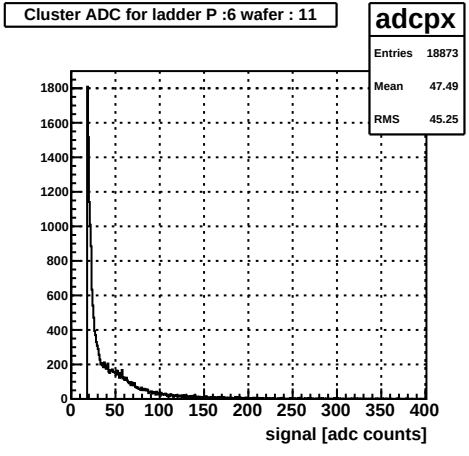

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 19456
Mean 63.54
RMS 56.25
signal [adc counts]

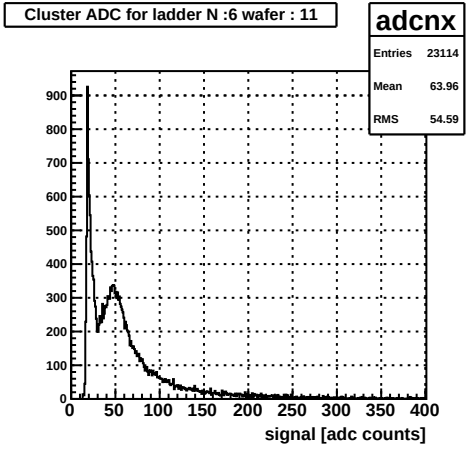

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 23033
Mean 59.41
RMS 53.04
signal [adc counts]

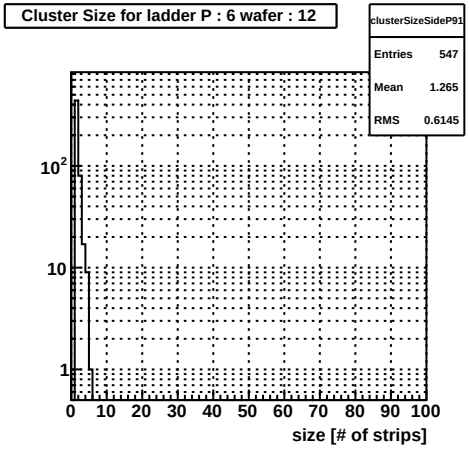

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 18873
Mean 1.179
RMS 0.486
size [# of strips]

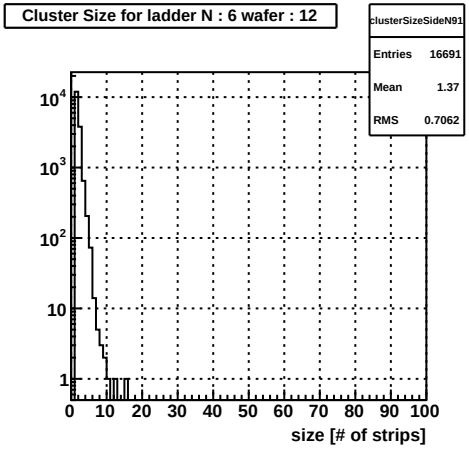

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 23114
Mean 1.443
RMS 0.7278
size [# of strips]

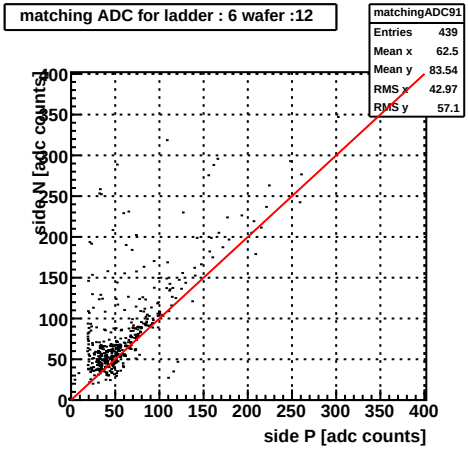

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 9070
Mean x 70.66
Mean y 71.12
RMS x 54.6
RMS y 54.57
side N [adc counts]
side P [adc counts]

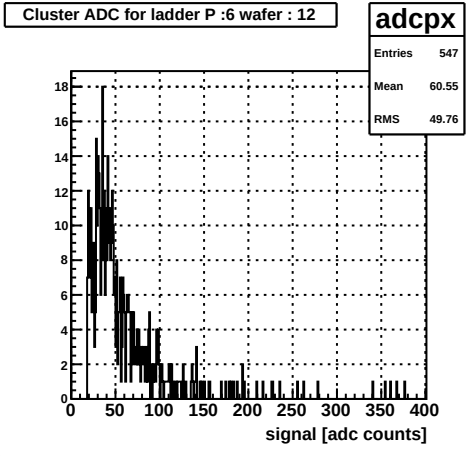

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 18873
Mean 47.49
RMS 45.25
signal [adc counts]

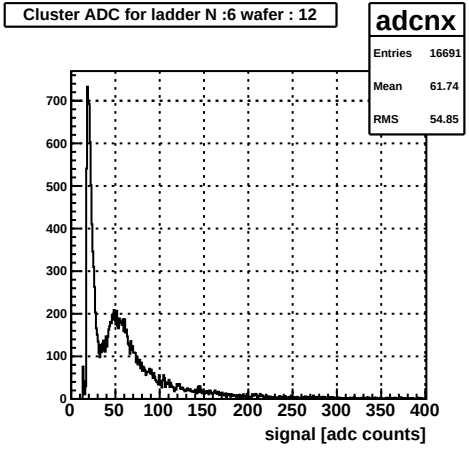

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 23114
Mean 63.96
RMS 54.59
signal [adc counts]

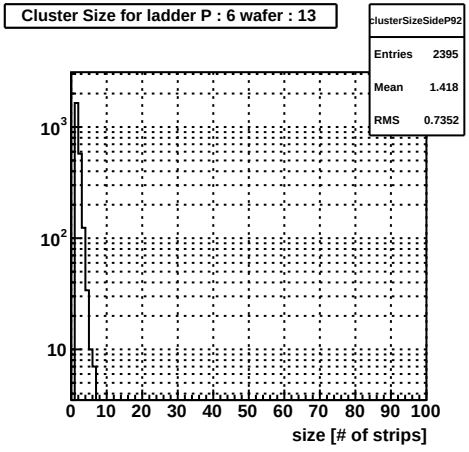

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 547
Mean 1.265
RMS 0.6145
size [# of strips]

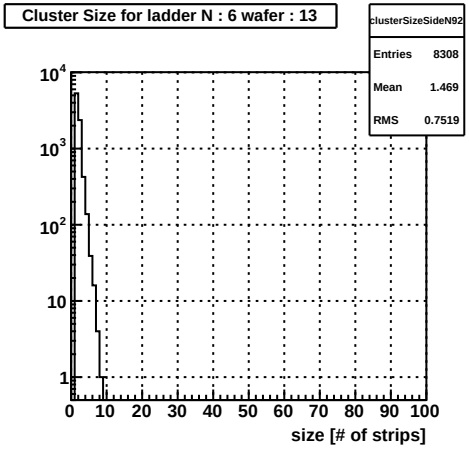

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 16691
Mean 1.37
RMS 0.7062
size [# of strips]

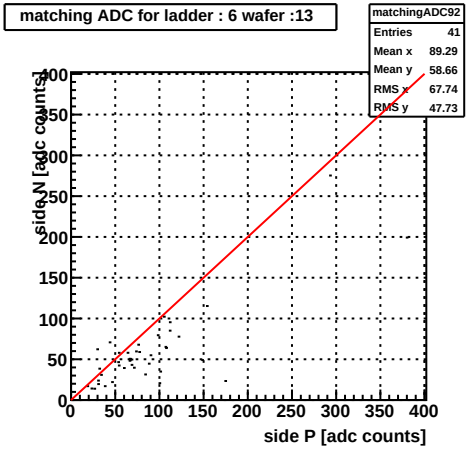

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 439
Mean x 62.5
Mean y 83.54
RMS x 42.97
RMS y 57.1
side N [adc counts]
side P [adc counts]

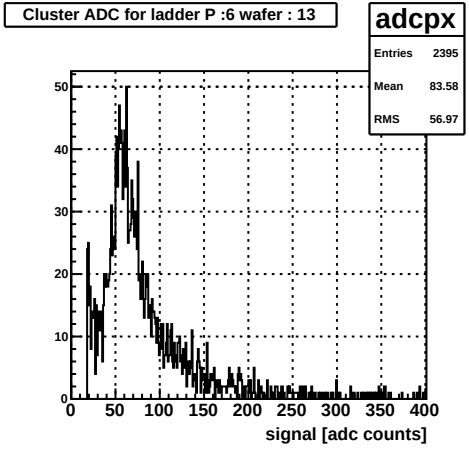

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 547
Mean 60.55
RMS 49.76
signal [adc counts]

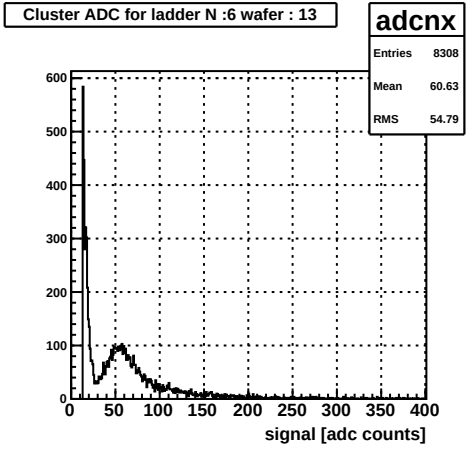

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 16691
Mean 61.74
RMS 54.85
signal [adc counts]

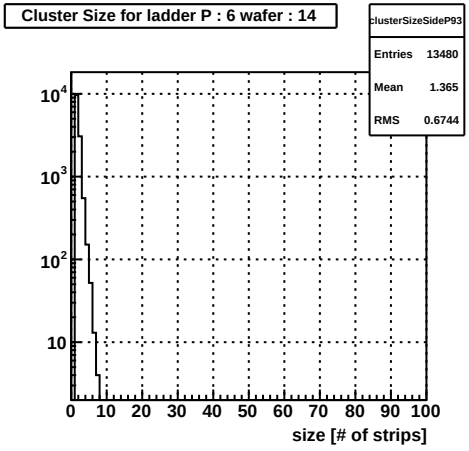

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2395
Mean 1.418
RMS 0.7352
size [# of strips]

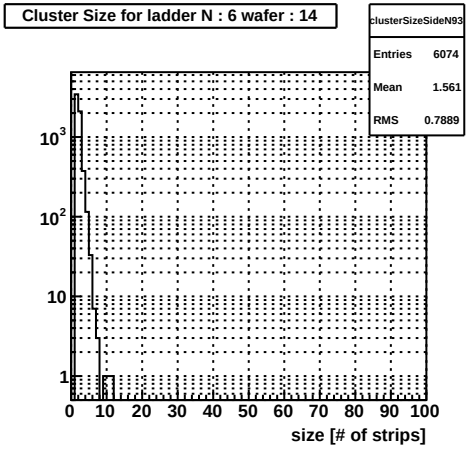

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 8308
Mean 1.469
RMS 0.7519
size [# of strips]

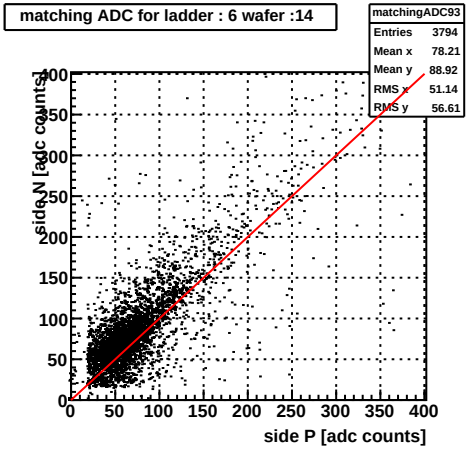

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 41
Mean x 89.29
Mean y 58.66
RMS x 67.74
RMS y 47.73
side N [adc counts]
side P [adc counts]

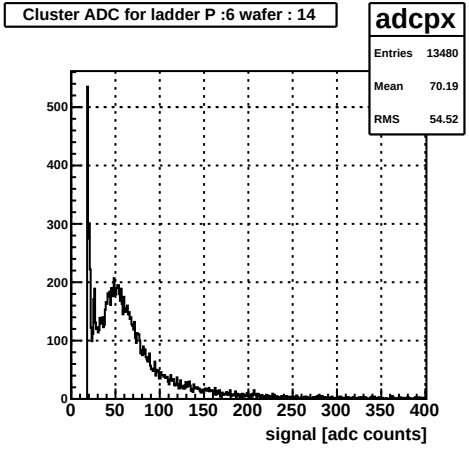

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2395
Mean 83.58
RMS 56.97
signal [adc counts]

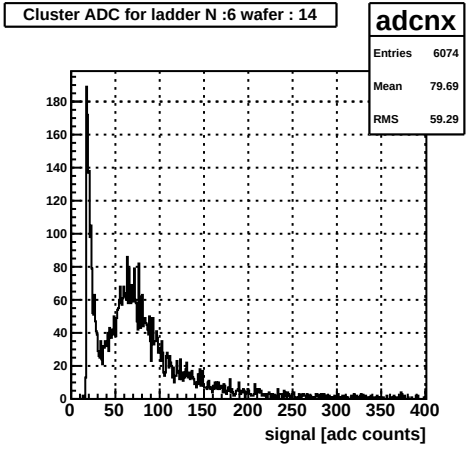

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 8308
Mean 60.63
RMS 54.79
signal [adc counts]

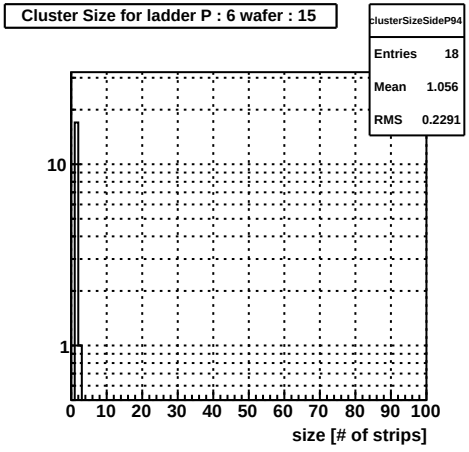

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 13480
Mean 1.365
RMS 0.6744
size [# of strips]

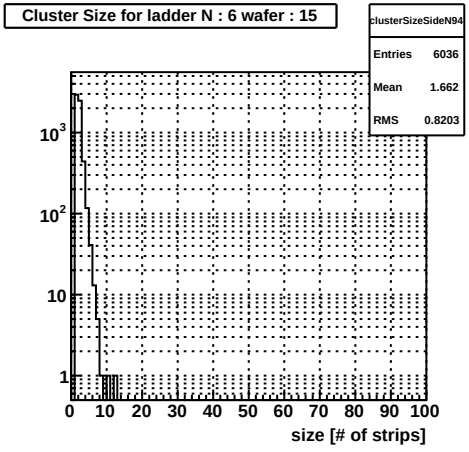

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 6074
Mean 1.561
RMS 0.7889
size [# of strips]

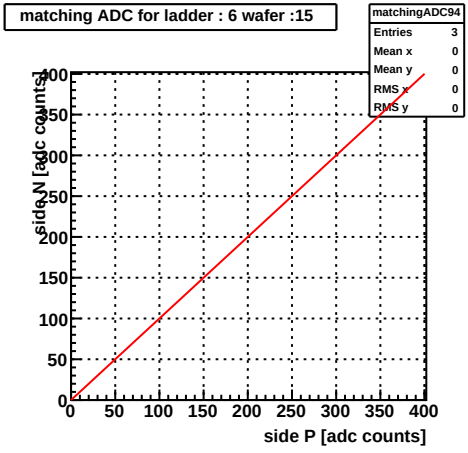

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3794
Mean x 78.21
Mean y 88.92
RMS x 51.14
RMS y 56.61
side N [adc counts]
side P [adc counts]

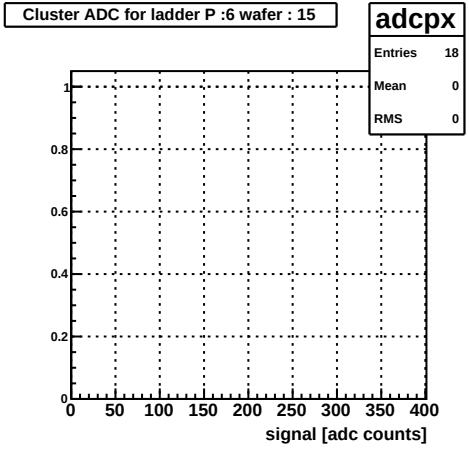

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 13480
Mean 70.19
RMS 54.52
signal [adc counts]

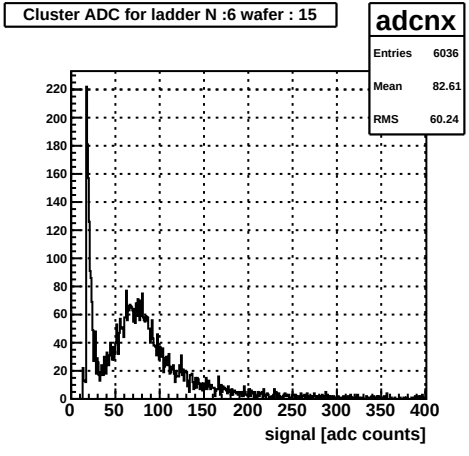

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 6074
Mean 79.69
RMS 59.29
signal [adc counts]

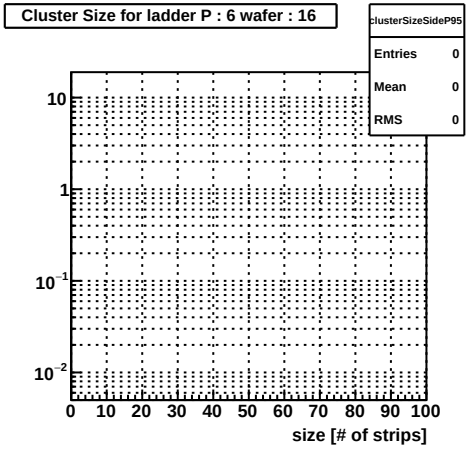

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

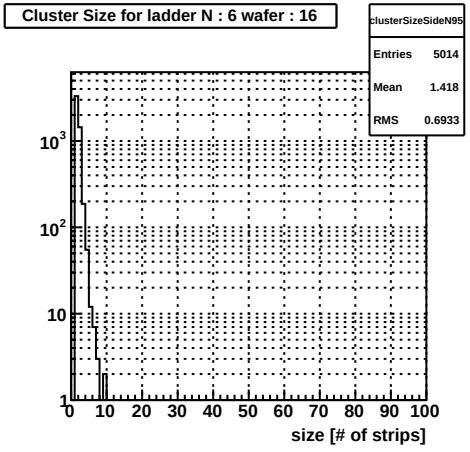

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6036
Mean 1.662
RMS 0.8203
size [# of strips]

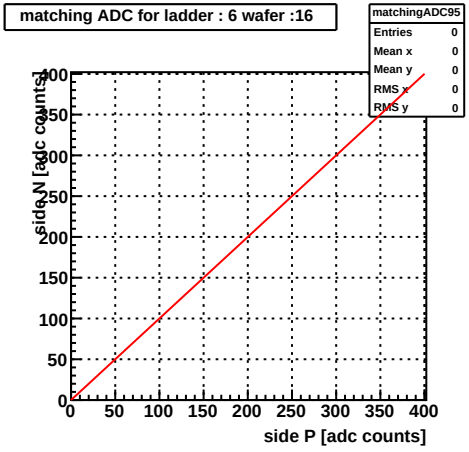

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

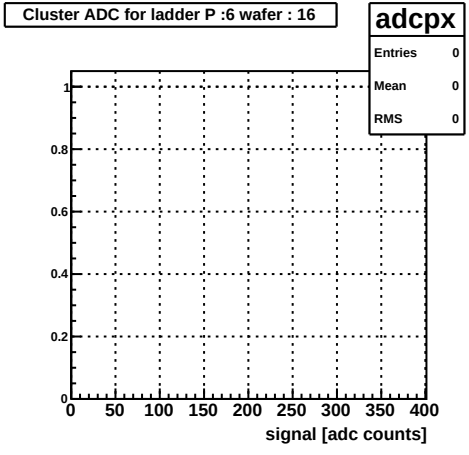

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

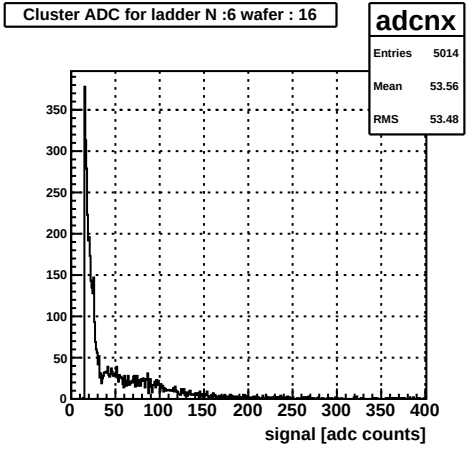

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6036
Mean 82.61
RMS 60.24
signal [adc counts]

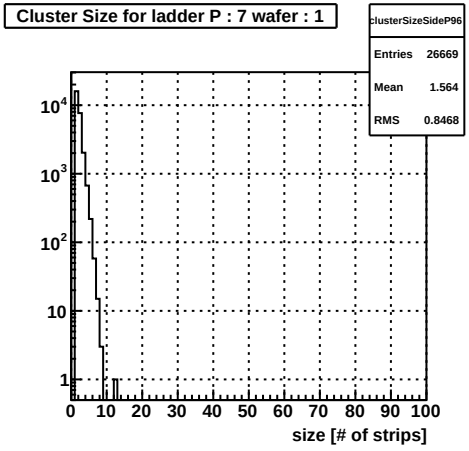

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

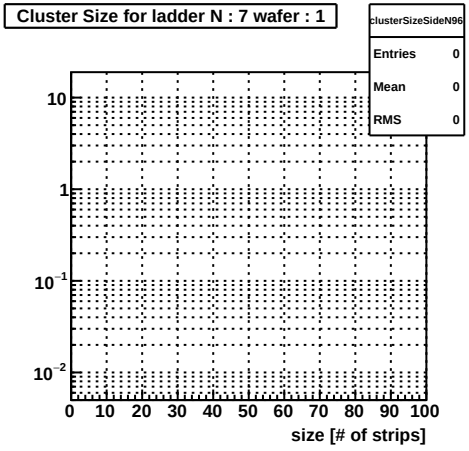

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 5014
Mean 1.418
RMS 0.6933
size [# of strips]

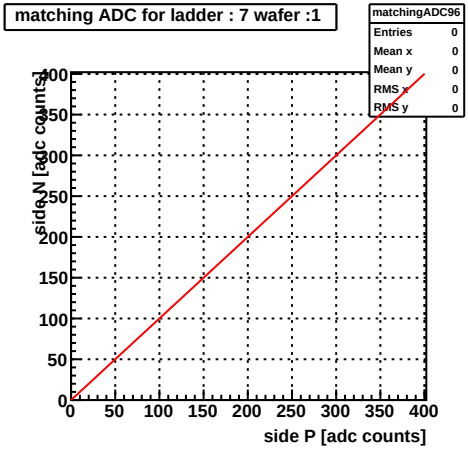

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

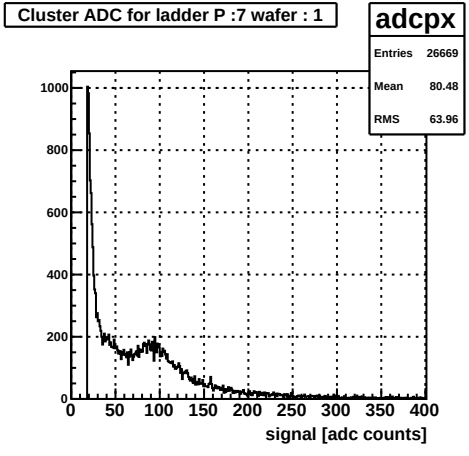

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

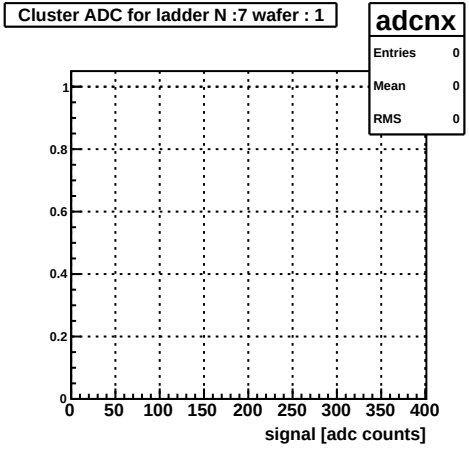

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 5014
Mean 53.56
RMS 53.48
signal [adc counts]

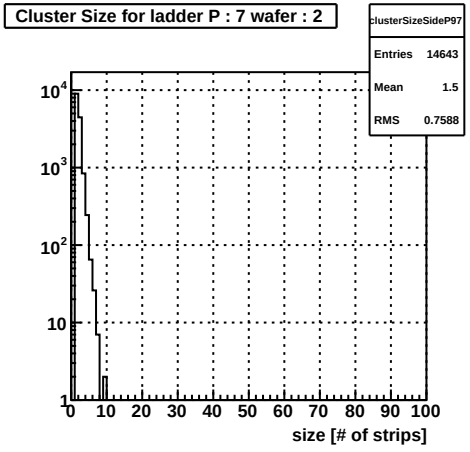

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 26669
Mean 1.564
RMS 0.8468
size [# of strips]

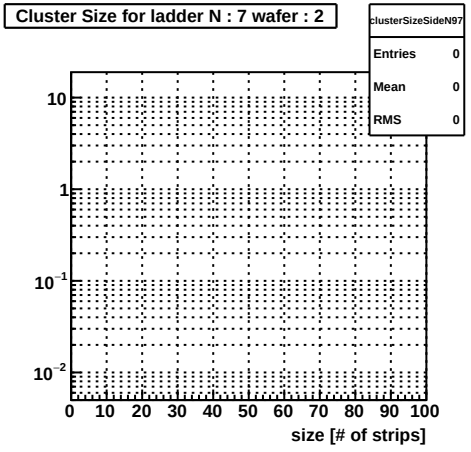

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

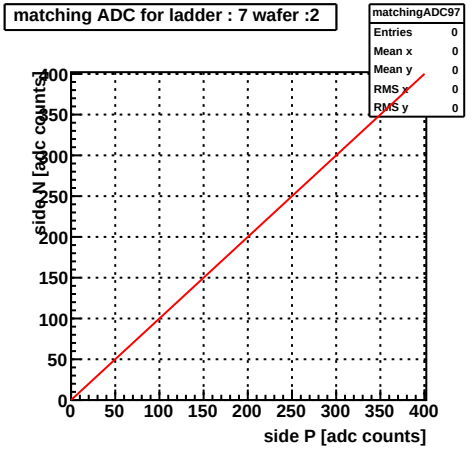

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

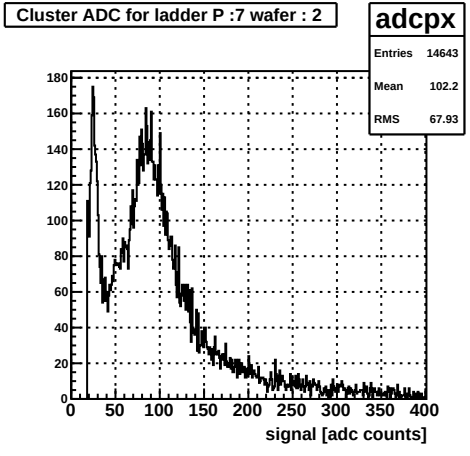

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 26669
Mean 80.48
RMS 63.96
signal [adc counts]

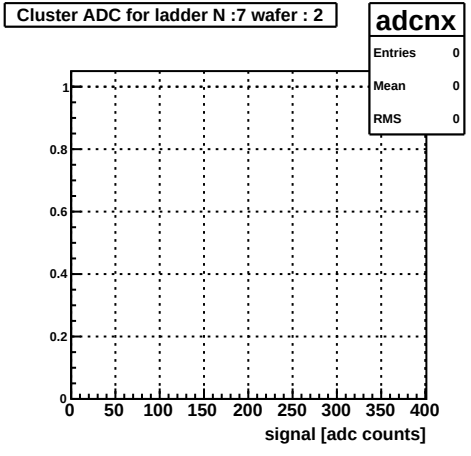

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

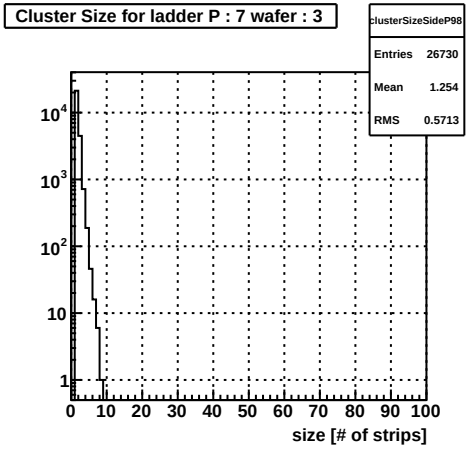

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 14643
Mean 1.5
RMS 0.7588
size [# of strips]

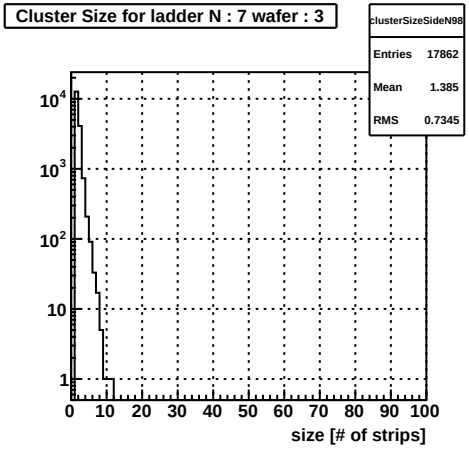

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

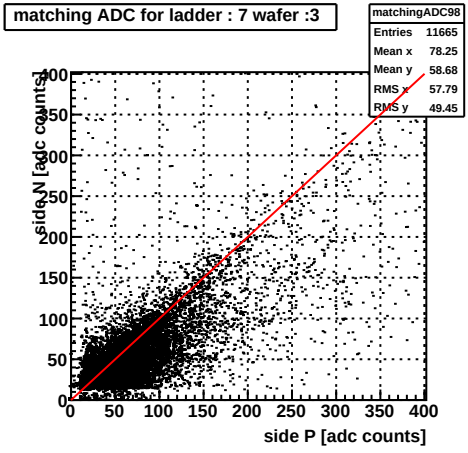

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

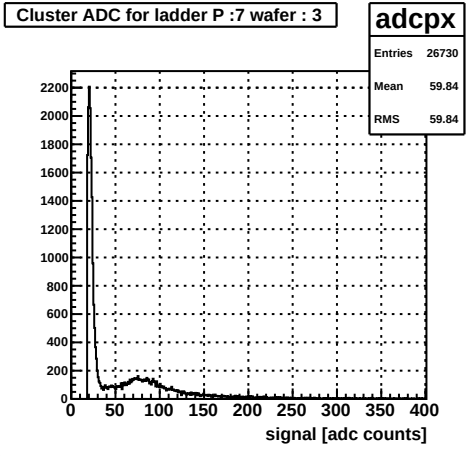

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 14643
Mean 102.2
RMS 67.93
signal [adc counts]

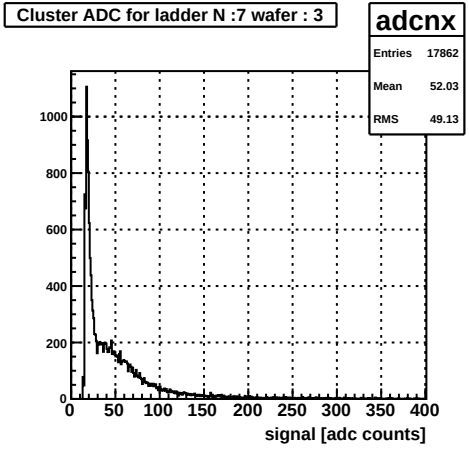

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

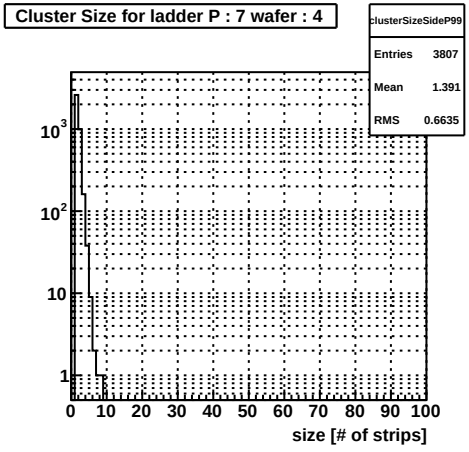

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 26730
Mean 1.254
RMS 0.5713
size [# of strips]

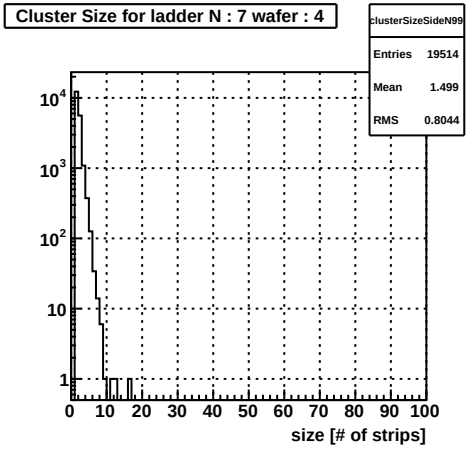

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 17862
Mean 1.385
RMS 0.7345
size [# of strips]

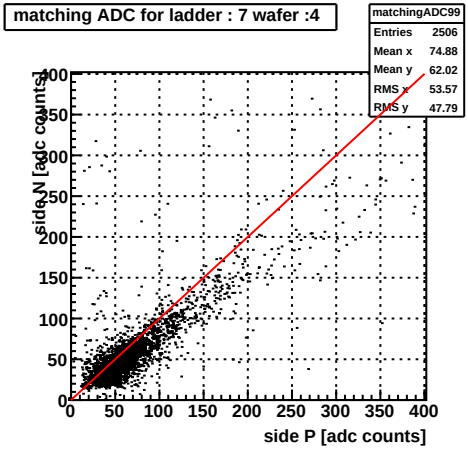

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 11665
Mean x 78.25
Mean y 58.68
RMS x 57.79
RMS y 49.45
side N [adc counts]
side P [adc counts]

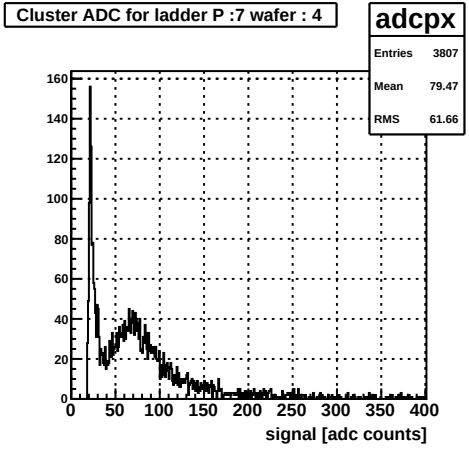

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 26730
Mean 59.84
RMS 59.84
signal [adc counts]

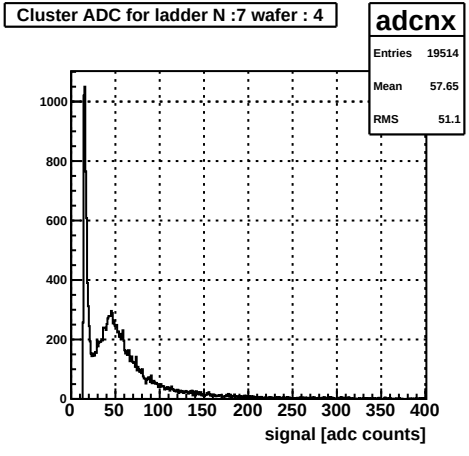

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 17862
Mean 52.03
RMS 49.13
signal [adc counts]

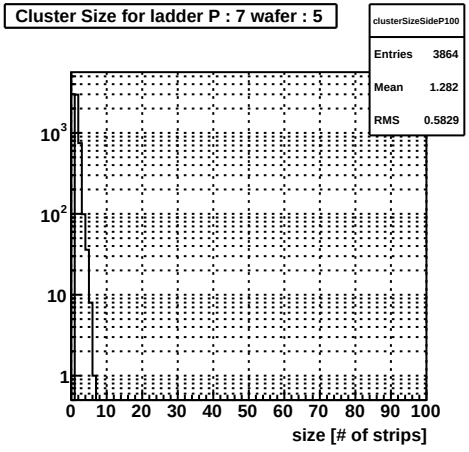

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3807
Mean 1.391
RMS 0.6635
size [# of strips]

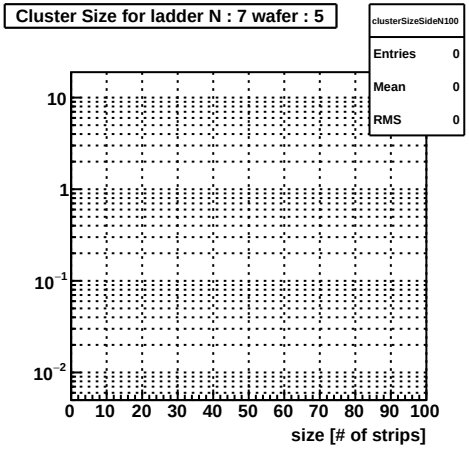

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 19514
Mean 1.499
RMS 0.8044
size [# of strips]

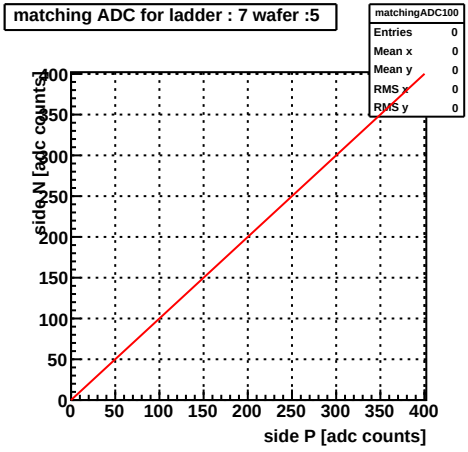

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2506
Mean x 74.88
Mean y 62.02
RMS x 53.57
RMS y 47.79
side N [adc counts]
side P [adc counts]

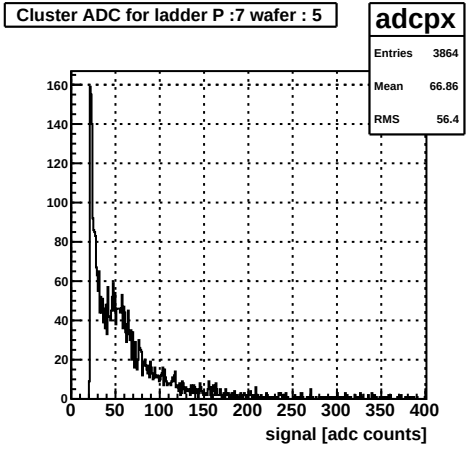

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3807
Mean 79.47
RMS 61.66
signal [adc counts]

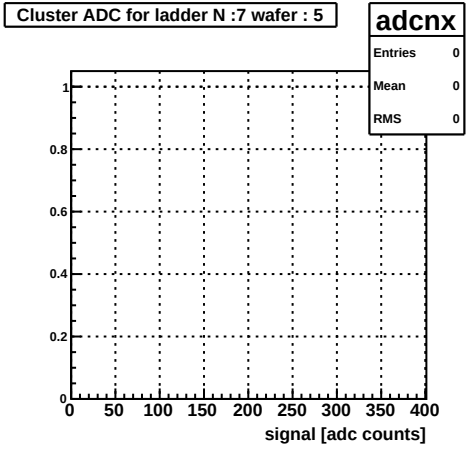

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 19514
Mean 57.65
RMS 51.1
signal [adc counts]

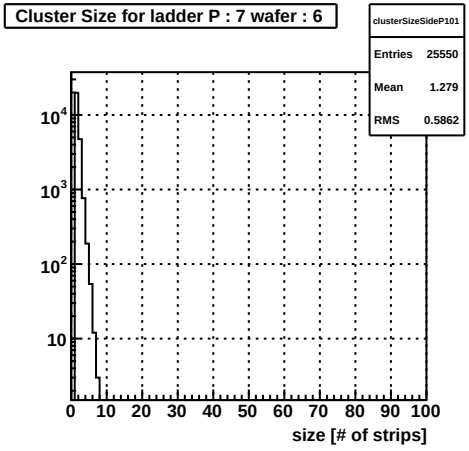

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3864
Mean 1.282
RMS 0.5829
size [# of strips]

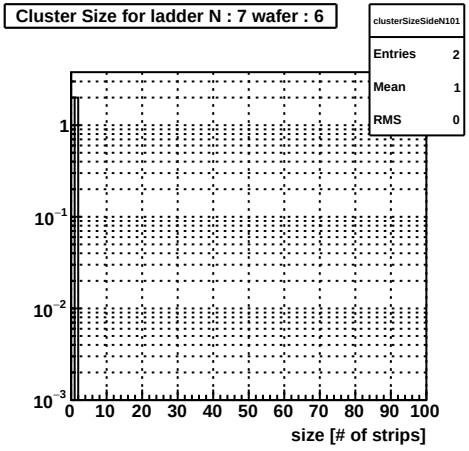

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

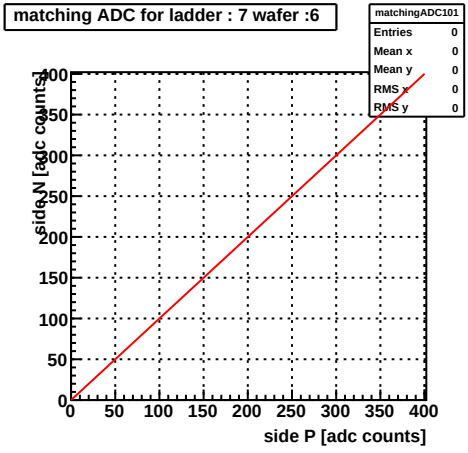

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

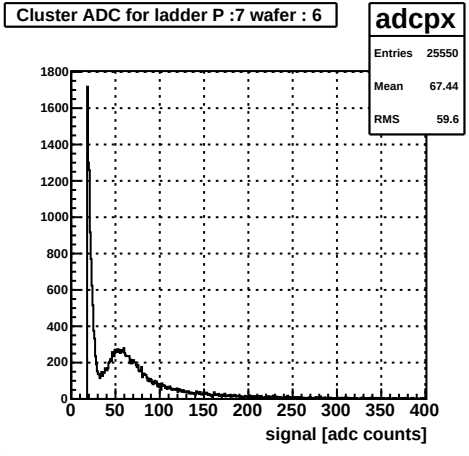

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3864
Mean 66.86
RMS 56.4
signal [adc counts]

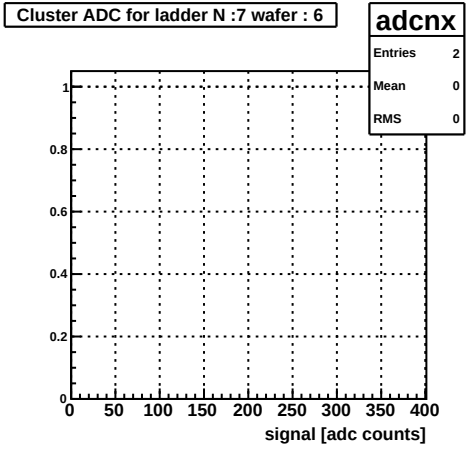

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

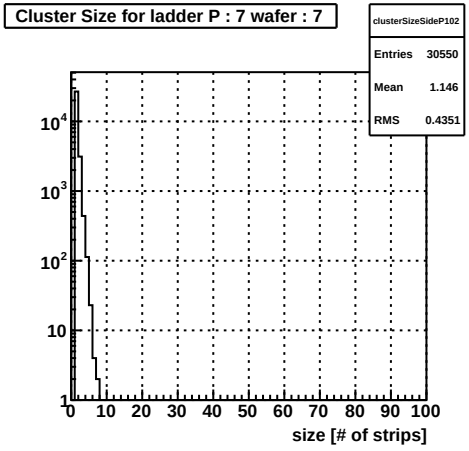

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 25550
Mean 1.279
RMS 0.5862
size [# of strips]

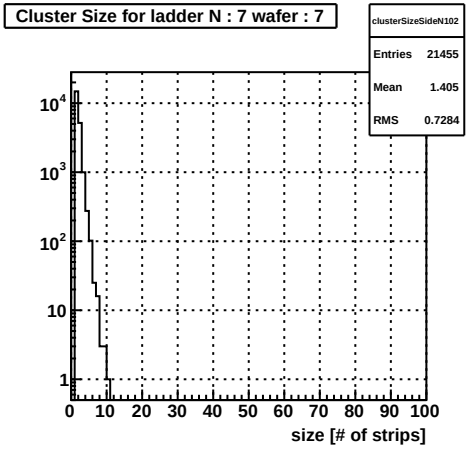

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 2
Mean 1
RMS 0
size [# of strips]

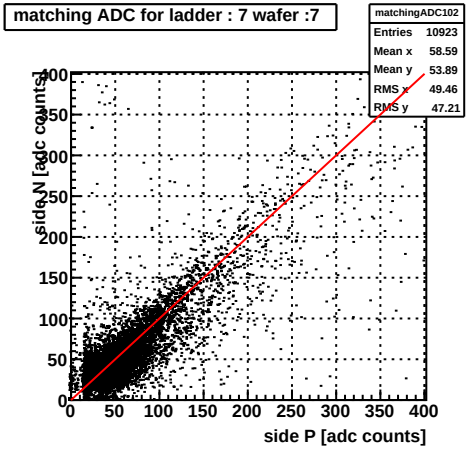

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

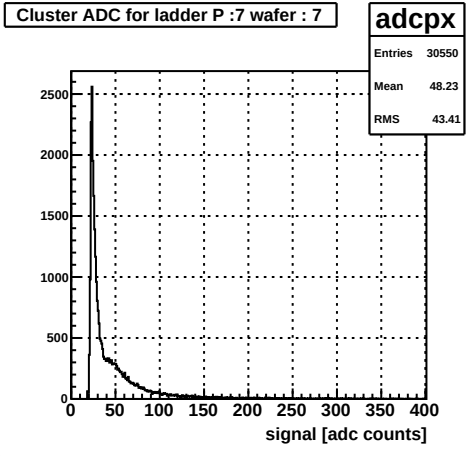

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 25550
Mean 67.44
RMS 59.6
signal [adc counts]

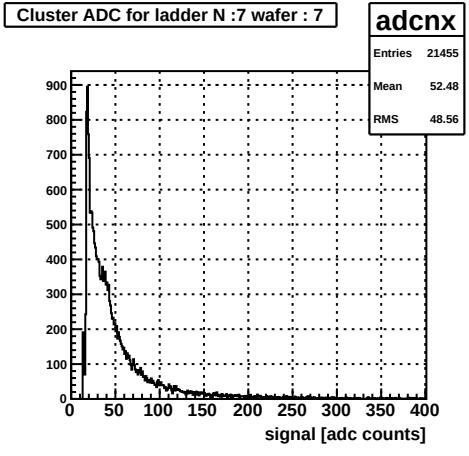

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

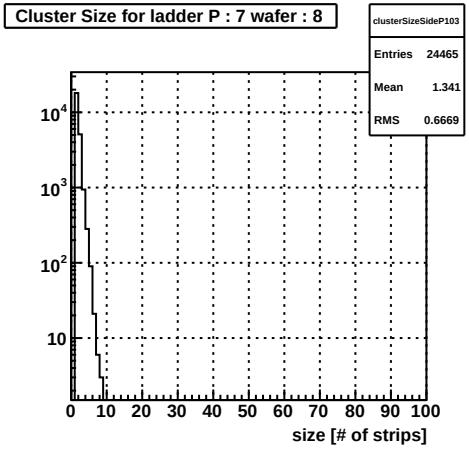

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 30550
Mean 1.146
RMS 0.4351
size [# of strips]

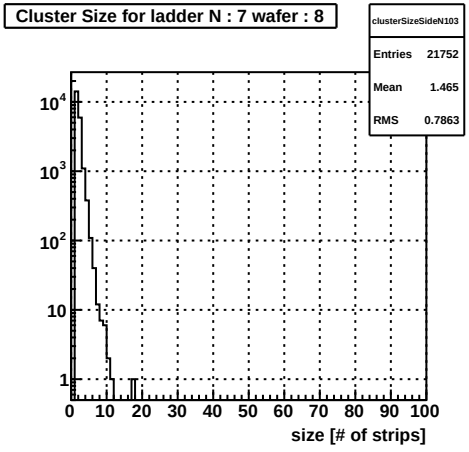

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 21455
Mean 1.405
RMS 0.7284
size [# of strips]

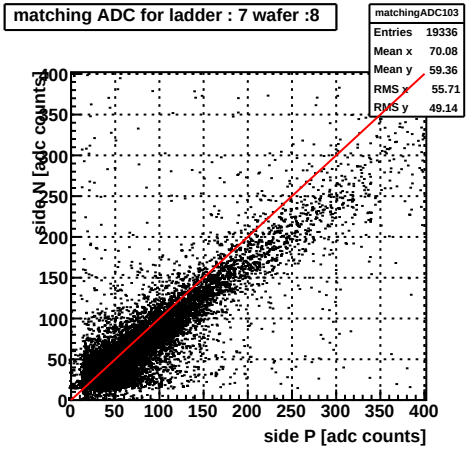

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 10923
Mean x 58.59
Mean y 53.89
RMS x 49.46
RMS y 47.21
side N [adc counts]
side P [adc counts]

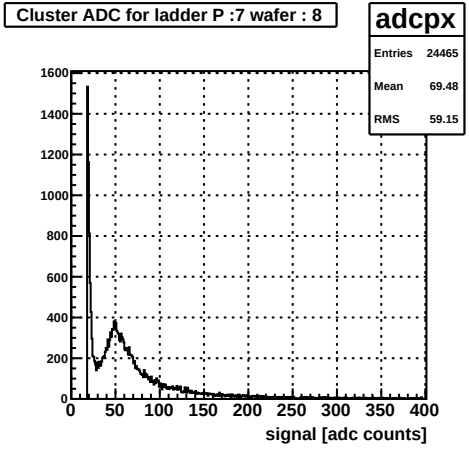

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 30550
Mean 48.23
RMS 43.41
signal [adc counts]

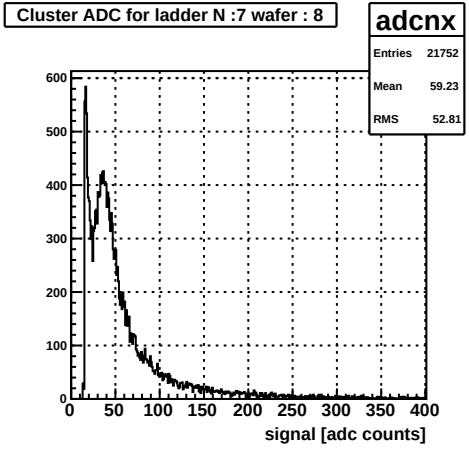

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 21455
Mean 52.48
RMS 48.56
signal [adc counts]

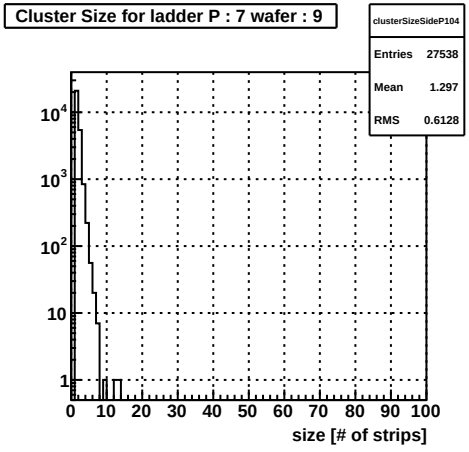

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 24465
Mean 1.341
RMS 0.6669
size [# of strips]

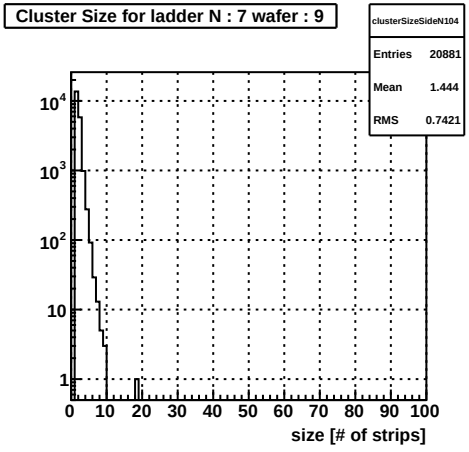

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 21752
Mean 1.465
RMS 0.7863
size [# of strips]

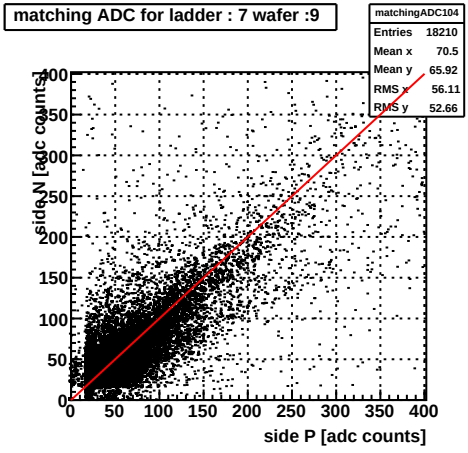

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 19336
Mean x 70.08
Mean y 59.36
RMS x 55.71
RMS y 49.14
side N [adc counts]
side P [adc counts]

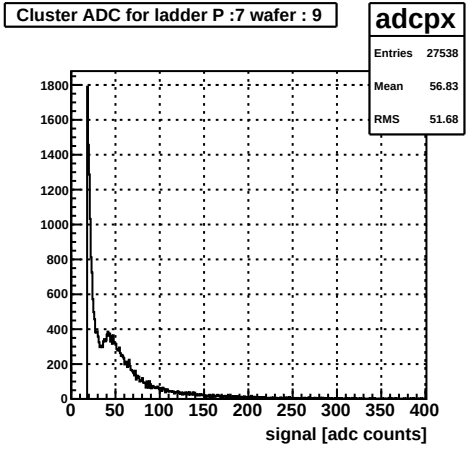

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 24465
Mean 69.48
RMS 59.15
signal [adc counts]

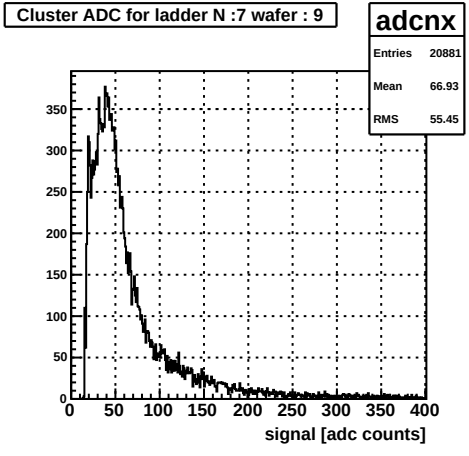

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 21752
Mean 59.23
RMS 52.81
signal [adc counts]

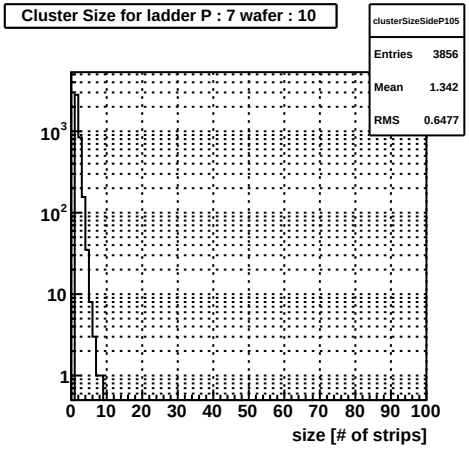

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 27538
Mean 1.297
RMS 0.6128
size [# of strips]

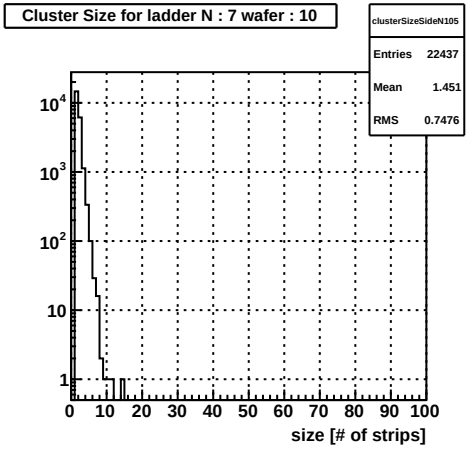

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 20881
Mean 1.444
RMS 0.7421
size [# of strips]

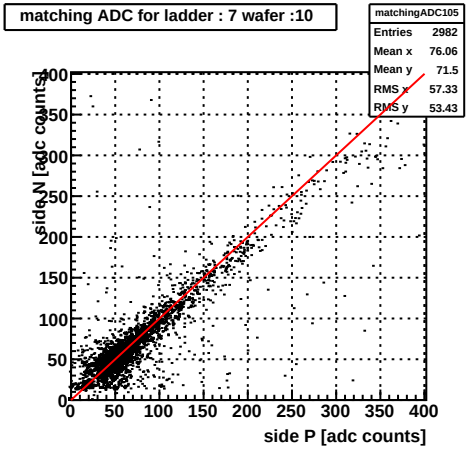

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 18210
Mean x 70.5
Mean y 65.92
RMS x 56.11
RMS y 52.66
side N [adc counts]
side P [adc counts]

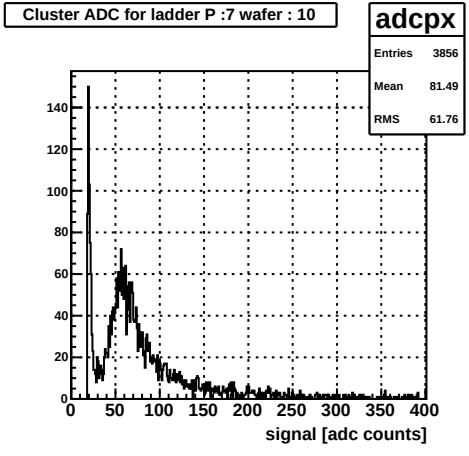

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 27538
Mean 56.83
RMS 51.68
signal [adc counts]

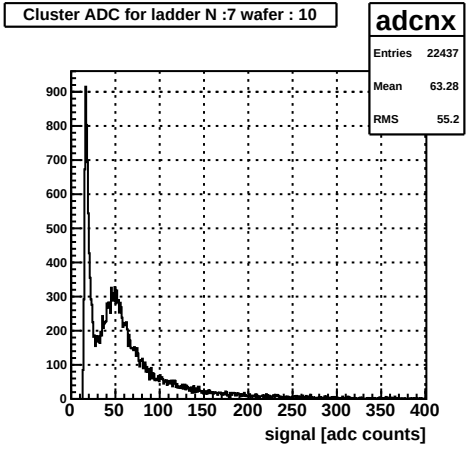

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 20881
Mean 66.93
RMS 55.45
signal [adc counts]

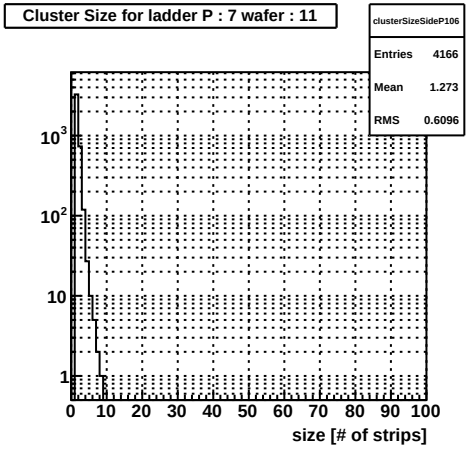

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3856
Mean 1.342
RMS 0.6477
size [# of strips]

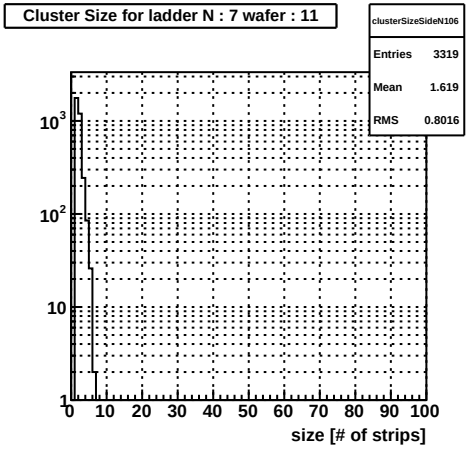

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 22437
Mean 1.451
RMS 0.7476
size [# of strips]

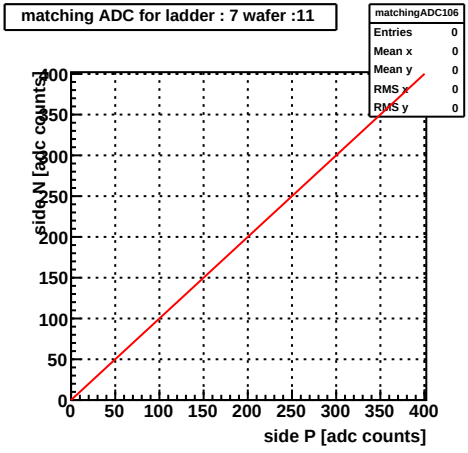

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2982
Mean x 76.06
Mean y 71.5
RMS x 57.33
RMS y 53.43
side N [adc counts]
side P [adc counts]

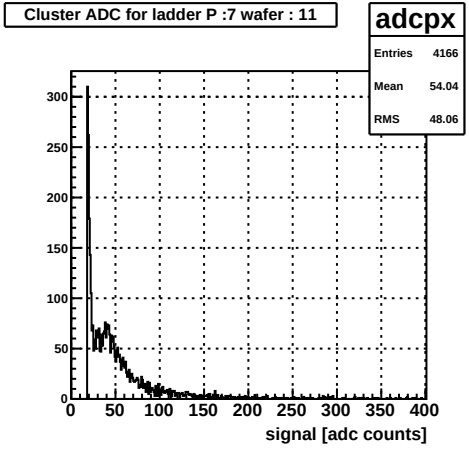

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3856
Mean 81.49
RMS 61.76
signal [adc counts]

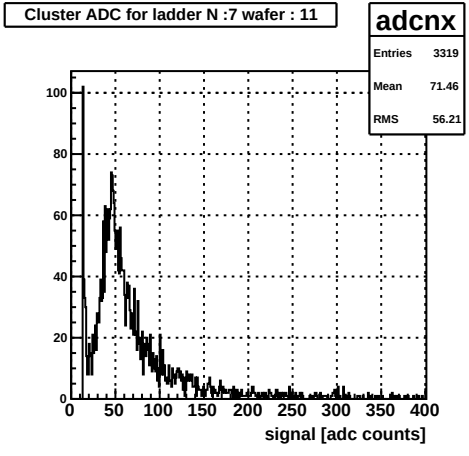

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 22437
Mean 63.28
RMS 55.2
signal [adc counts]

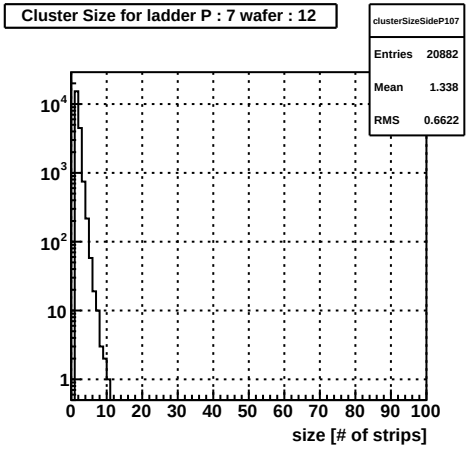

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 4166
Mean 1.273
RMS 0.6096
size [# of strips]

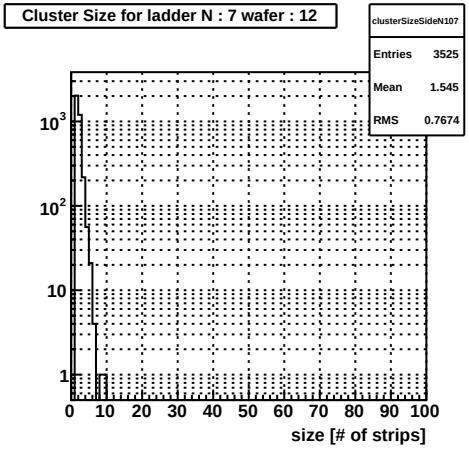

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 3319
Mean 1.619
RMS 0.8016
size [# of strips]

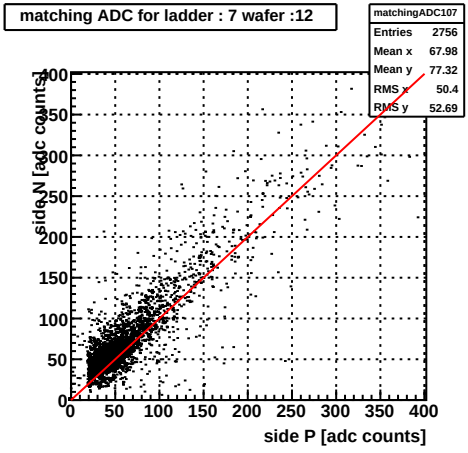

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

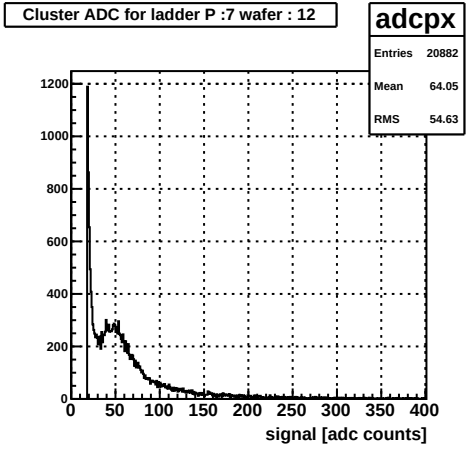

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 4166
Mean 54.04
RMS 48.06
signal [adc counts]

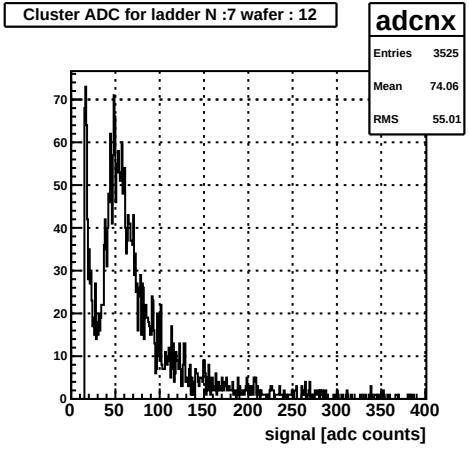

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 3319
Mean 71.46
RMS 56.21
signal [adc counts]

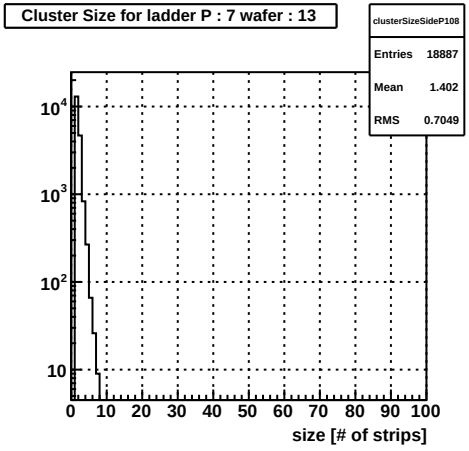

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 20882
Mean 1.338
RMS 0.6622
size [# of strips]

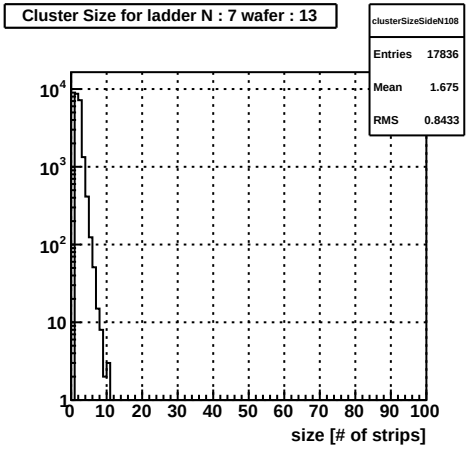

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 3525
Mean 1.545
RMS 0.7674
size [# of strips]

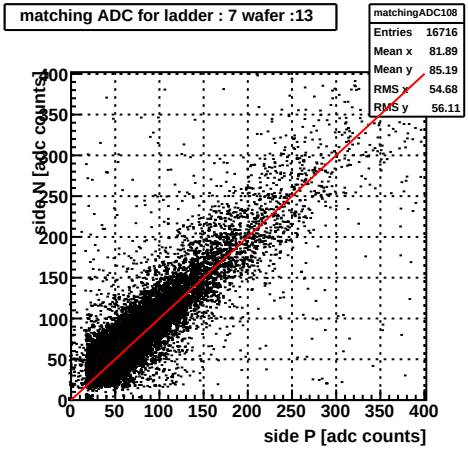

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 2756
Mean x 67.98
Mean y 77.32
RMS x 50.4
RMS y 52.69
side N [adc counts]
side P [adc counts]

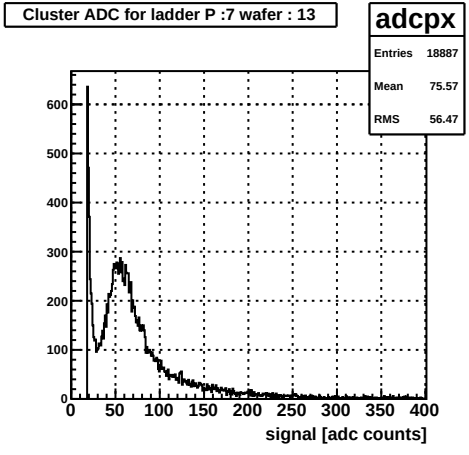

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 20882
Mean 64.05
RMS 54.63
signal [adc counts]

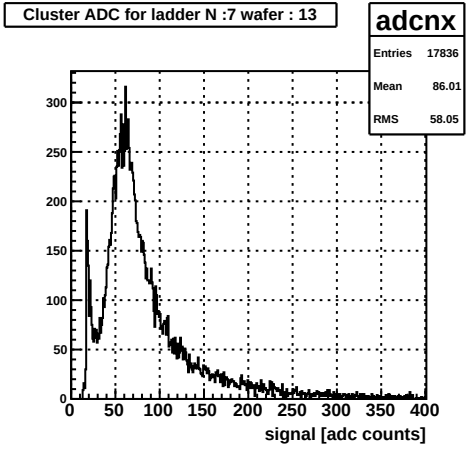

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 3525
Mean 74.06
RMS 55.01
signal [adc counts]

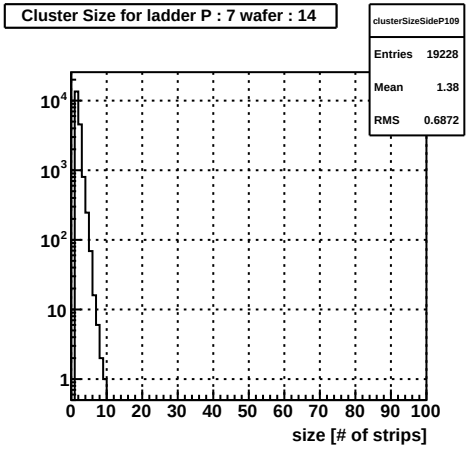

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 18887
Mean 1.402
RMS 0.7049
size [# of strips]

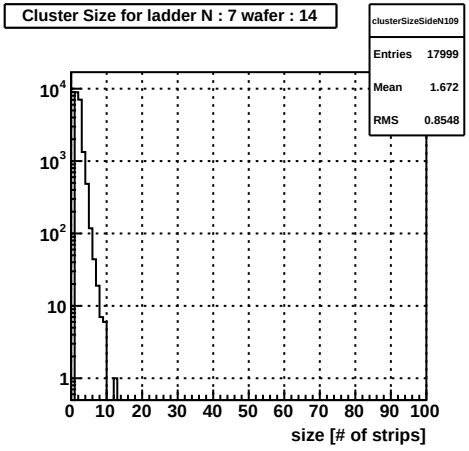

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 17836
Mean 1.675
RMS 0.8433
size [# of strips]

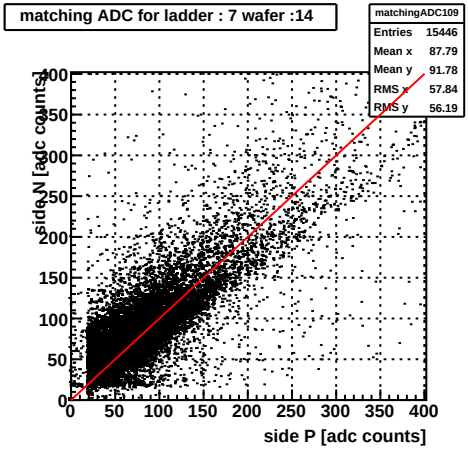

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 16716
Mean x 81.89
Mean y 85.19
RMS x 54.68
RMS y 56.11
side N [adc counts]
side P [adc counts]

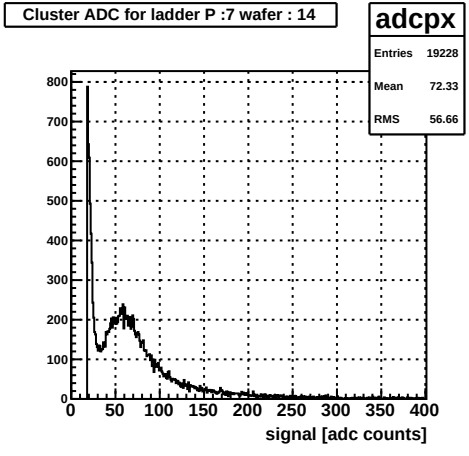

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 18887
Mean 75.57
RMS 56.47
signal [adc counts]

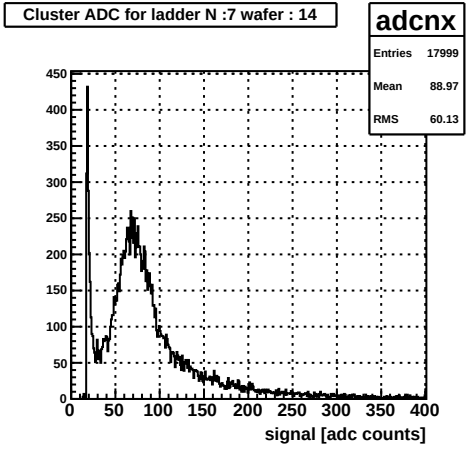

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 17836
Mean 86.01
RMS 58.05
signal [adc counts]

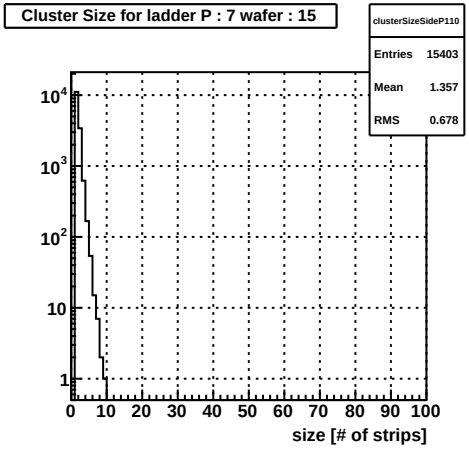

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 19228
Mean 1.38
RMS 0.6872
size [# of strips]

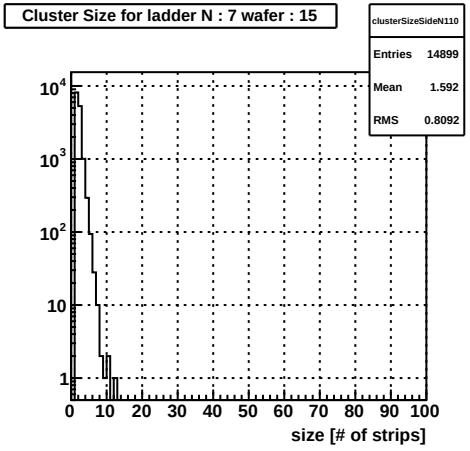

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 17999
Mean 1.672
RMS 0.8548
size [# of strips]

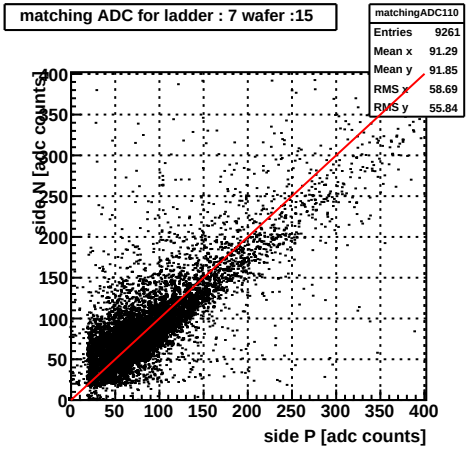

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 15446
Mean x 87.79
Mean y 91.78
RMS x 57.84
RMS y 56.19
side N [adc counts]
side P [adc counts]

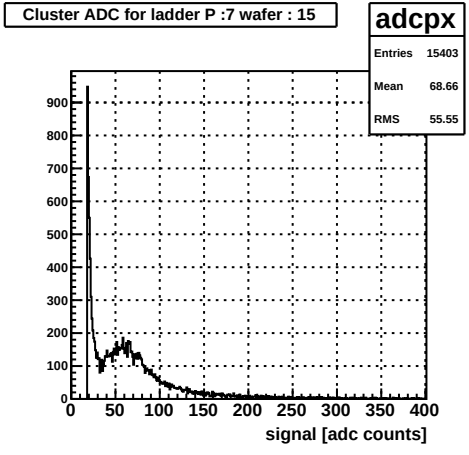

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 19228
Mean 72.33
RMS 56.66
signal [adc counts]

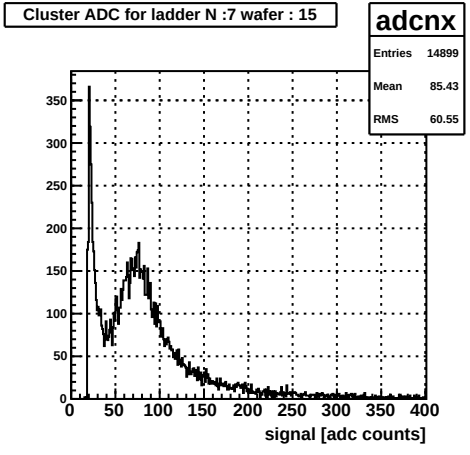

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 17999
Mean 88.97
RMS 60.13
signal [adc counts]

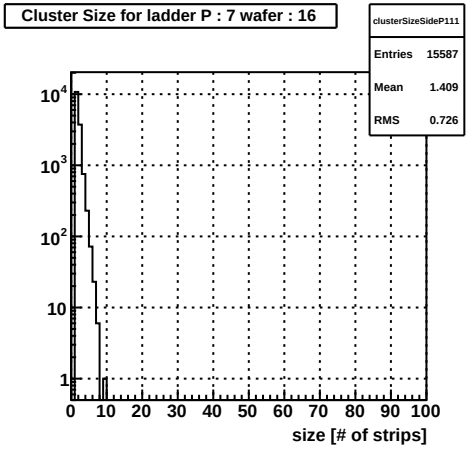

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 15403
Mean 1.357
RMS 0.678
size [# of strips]

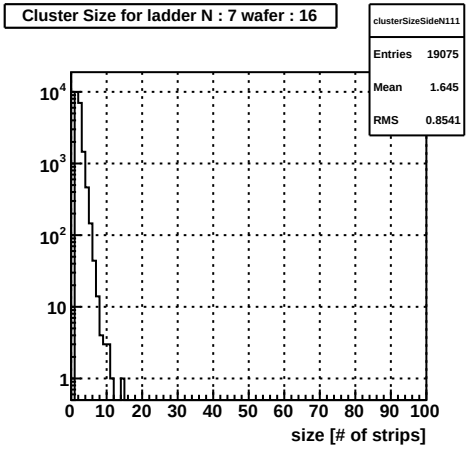

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 14899
Mean 1.592
RMS 0.8092
size [# of strips]

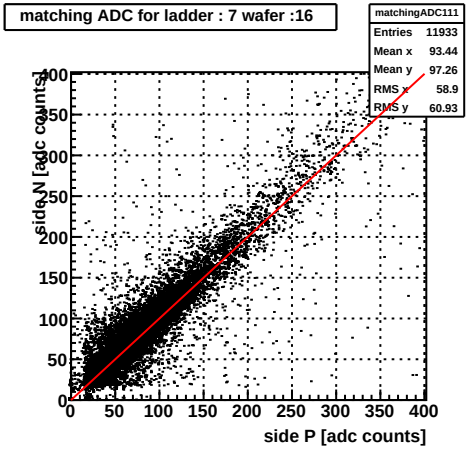

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 9261
Mean x 91.29
Mean y 91.85
RMS x 58.69
RMS y 55.84
side N [adc counts]
side P [adc counts]

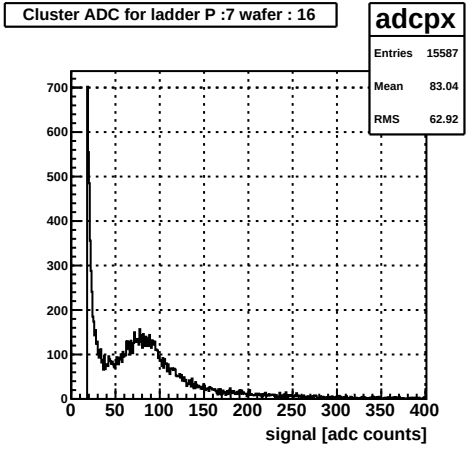

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 15403
Mean 68.66
RMS 55.55
signal [adc counts]

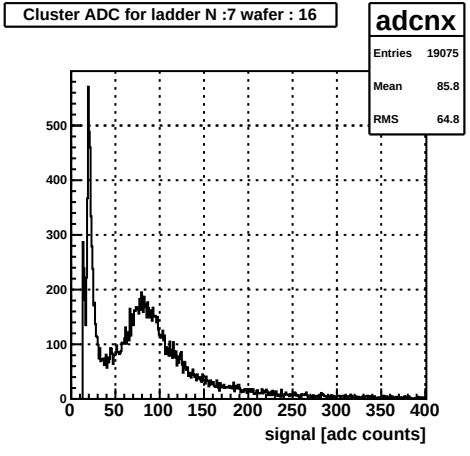

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 14899
Mean 85.43
RMS 60.55
signal [adc counts]

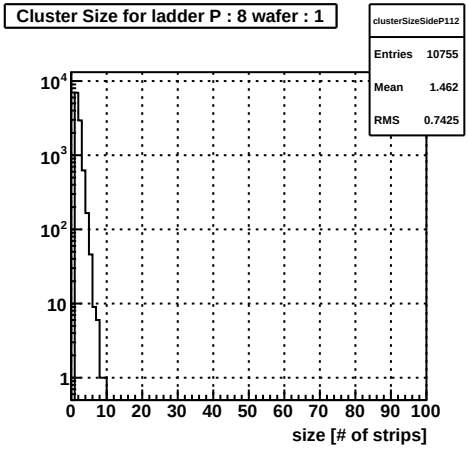

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 15587
Mean 1.409
RMS 0.726
size [# of strips]

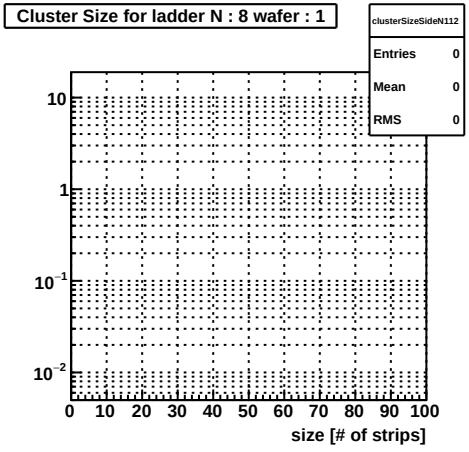

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 19075
Mean 1.645
RMS 0.8541
size [# of strips]

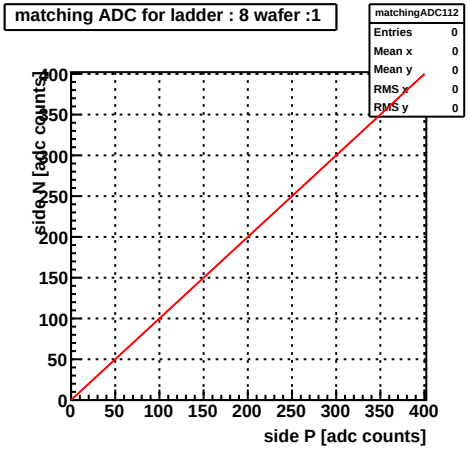

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 11933
Mean x 93.44
Mean y 97.26
RMS x 58.9
RMS y 60.93
side N [adc counts]
side P [adc counts]

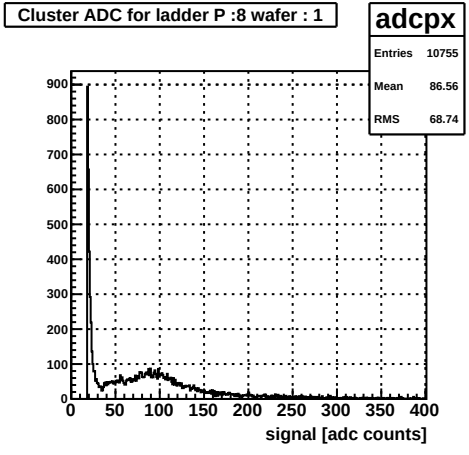

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 15587
Mean 83.04
RMS 62.92
signal [adc counts]

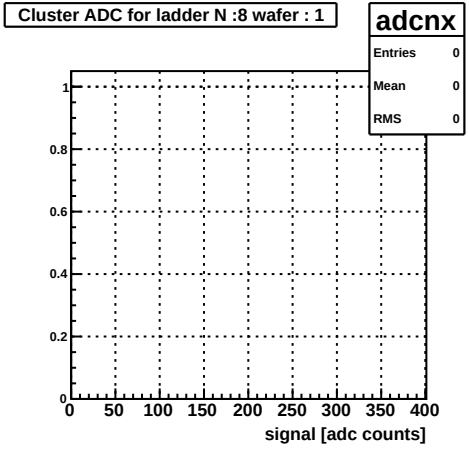

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 19075
Mean 85.8
RMS 64.8
signal [adc counts]

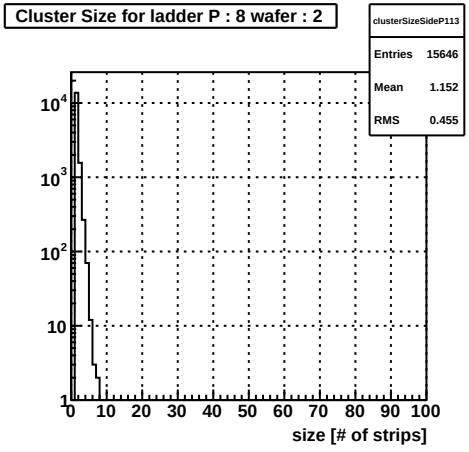

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 10755
Mean 1.462
RMS 0.7425
size [# of strips]

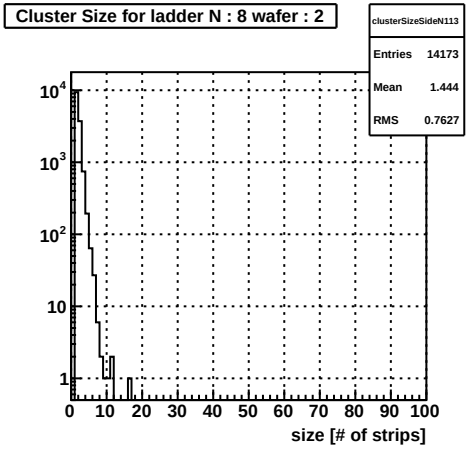

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

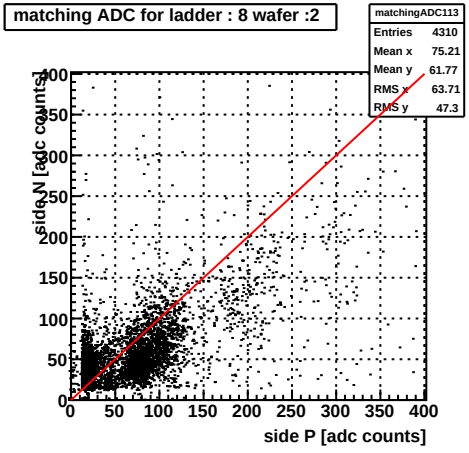

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

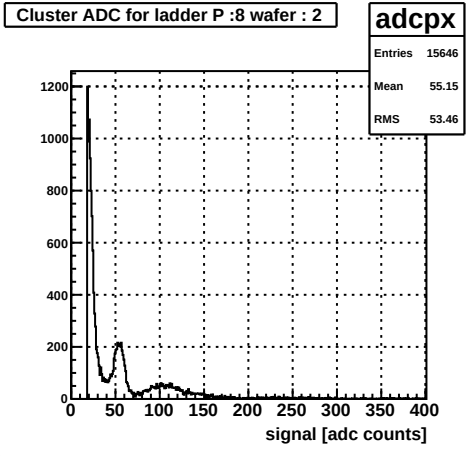

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 10755
Mean 86.56
RMS 68.74
signal [adc counts]

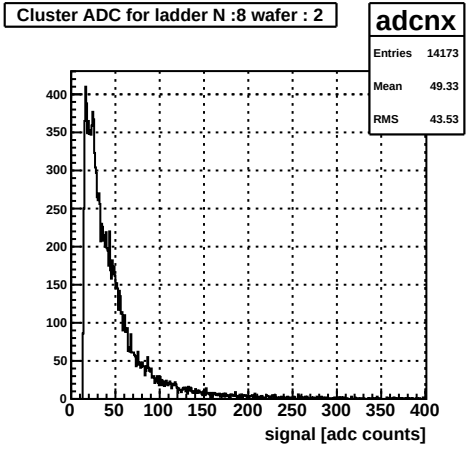

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

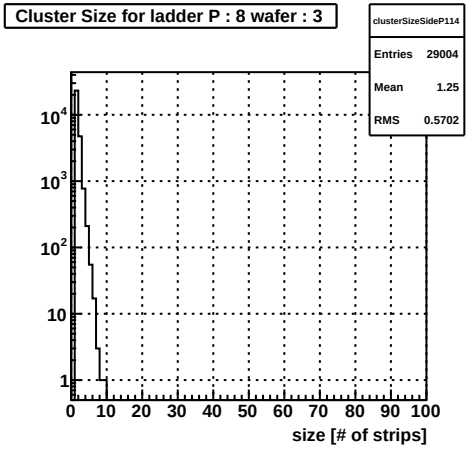

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 15646
Mean 1.152
RMS 0.455
size [# of strips]

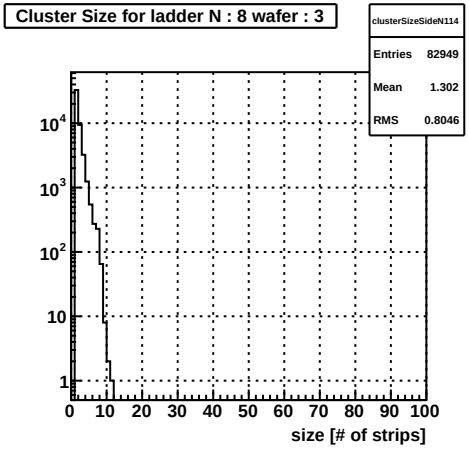

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 14173
Mean 1.444
RMS 0.7627
size [# of strips]

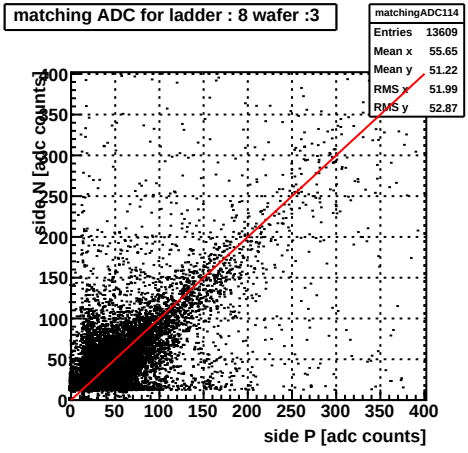

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 4310
Mean x 75.21
Mean y 61.77
RMS x 63.71
RMS y 47.3
side N [adc counts]
side P [adc counts]

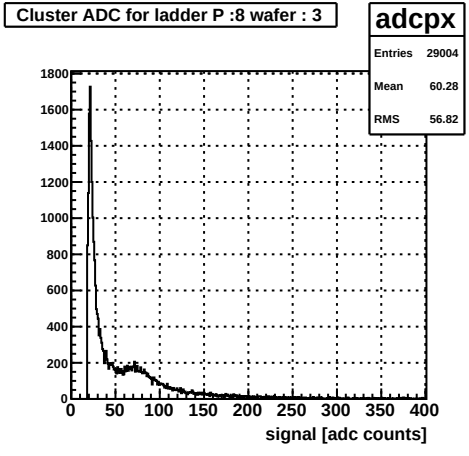

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 15646
Mean 55.15
RMS 53.46
signal [adc counts]

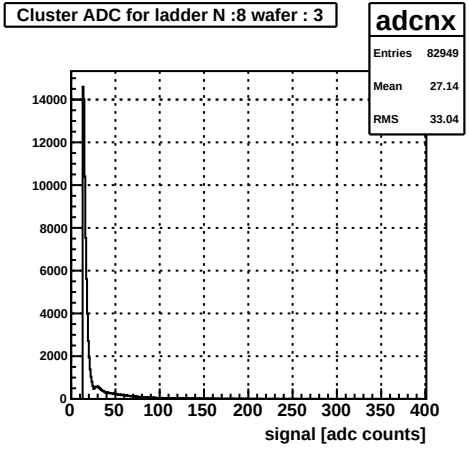

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 14173
Mean 49.33
RMS 43.53
signal [adc counts]

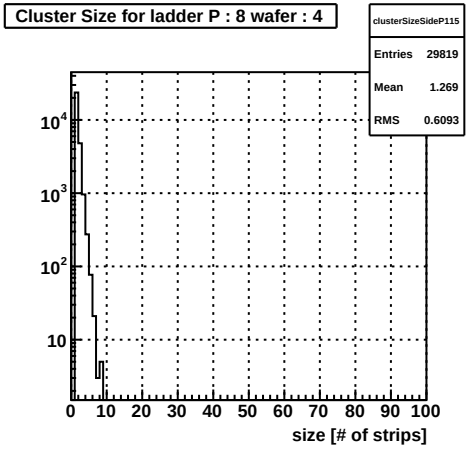

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 29004
Mean 1.25
RMS 0.5702
size [# of strips]

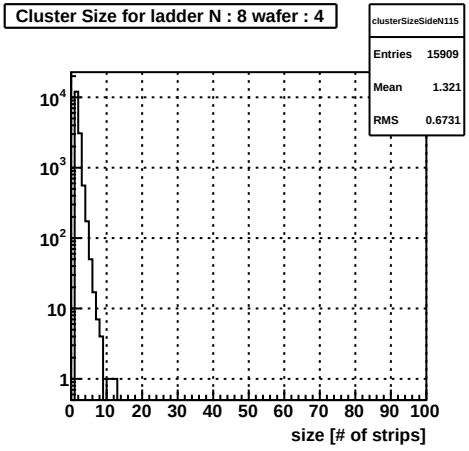

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 82949
Mean 1.302
RMS 0.8046
size [# of strips]

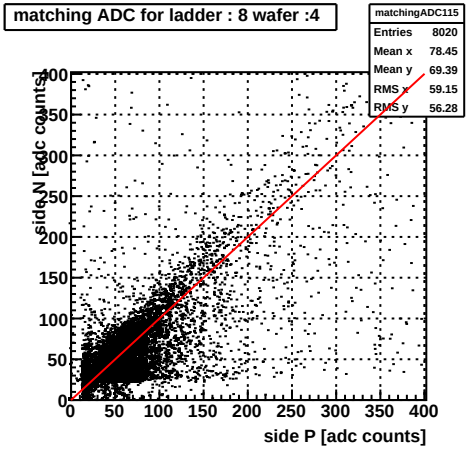

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 13609
Mean x 55.65
Mean y 51.22
RMS x 51.99
RMS y 52.87
side N [adc counts]
side P [adc counts]

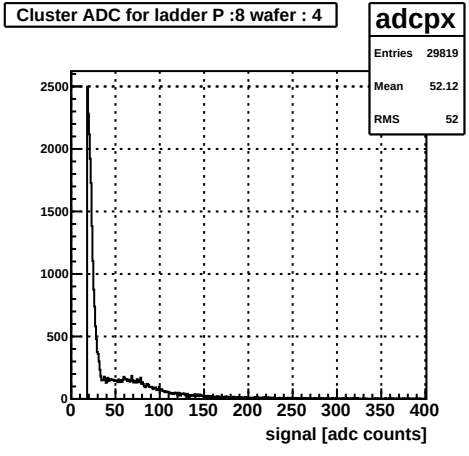

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 29004
Mean 60.28
RMS 56.82
signal [adc counts]

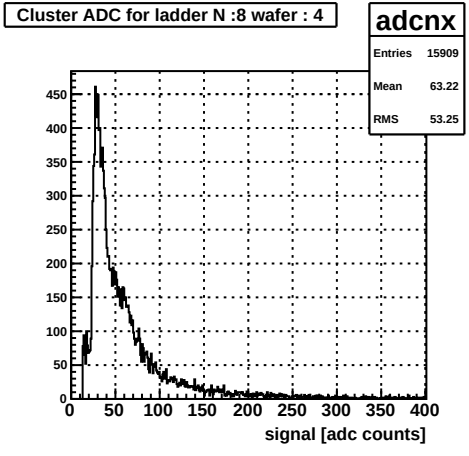

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 82949
Mean 27.14
RMS 33.04
signal [adc counts]

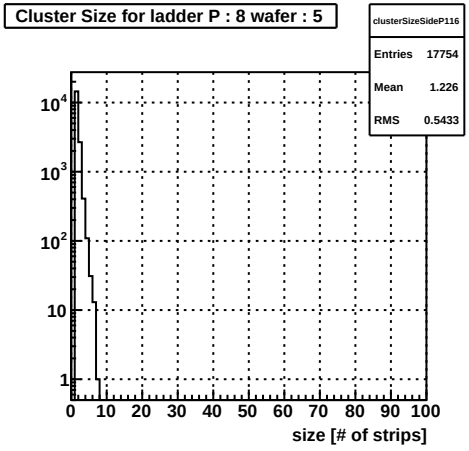

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 29819
Mean 1.269
RMS 0.6093
size [# of strips]

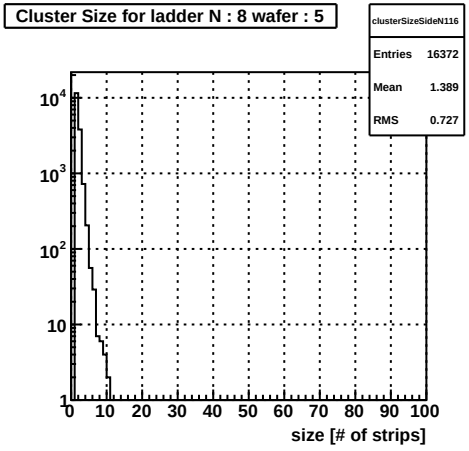

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 15909
Mean 1.321
RMS 0.6731
size [# of strips]

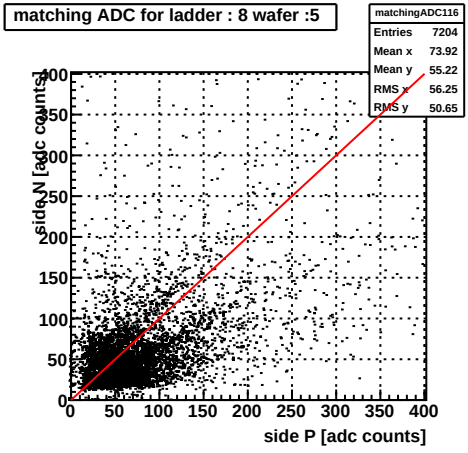

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 8020
Mean x 78.45
Mean y 69.39
RMS x 59.15
RMS y 56.28
side N [adc counts]
side P [adc counts]

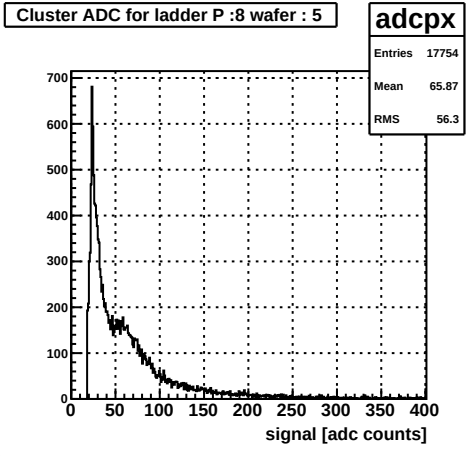

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 29819
Mean 52.12
RMS 52
signal [adc counts]

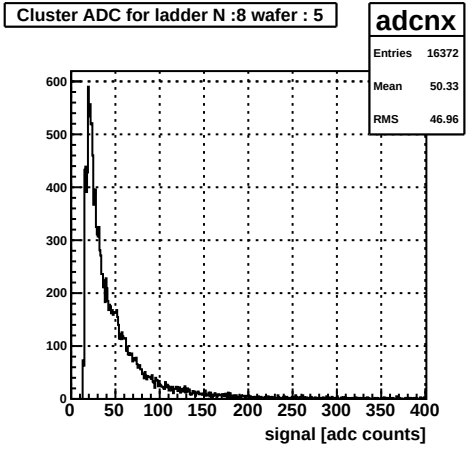

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 15909
Mean 63.22
RMS 53.25
signal [adc counts]

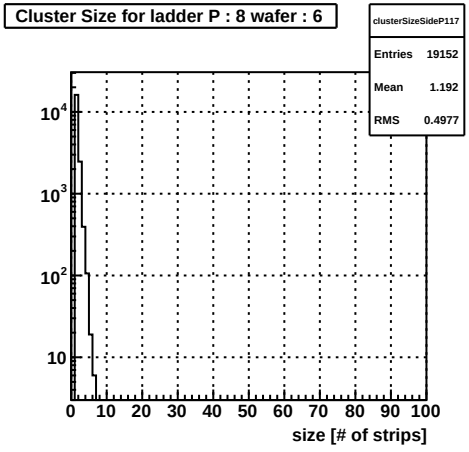

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 17754
Mean 1.226
RMS 0.5433
size [# of strips]

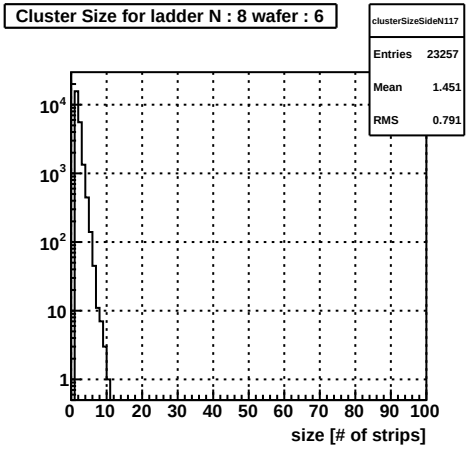

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 16372
Mean 1.389
RMS 0.727
size [# of strips]

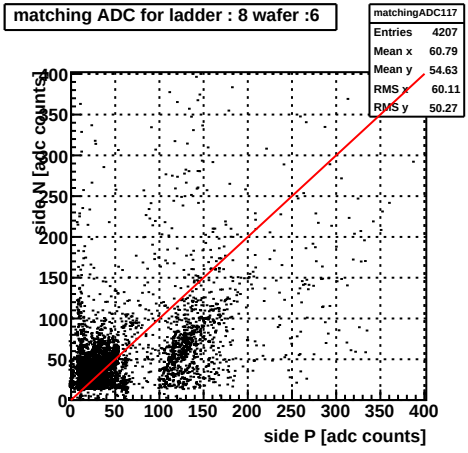

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 7204
Mean x 73.92
Mean y 55.22
RMS x 56.25
RMS y 50.65
side N [adc counts]
side P [adc counts]

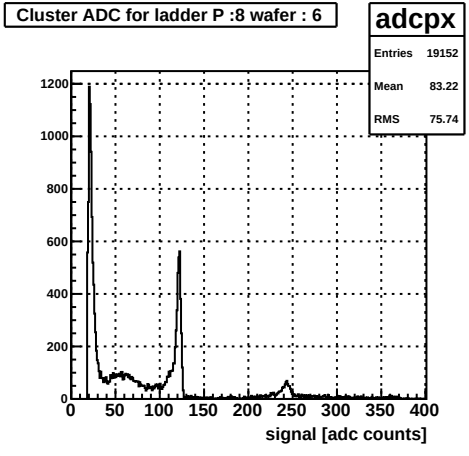

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 17754
Mean 65.87
RMS 56.3
signal [adc counts]

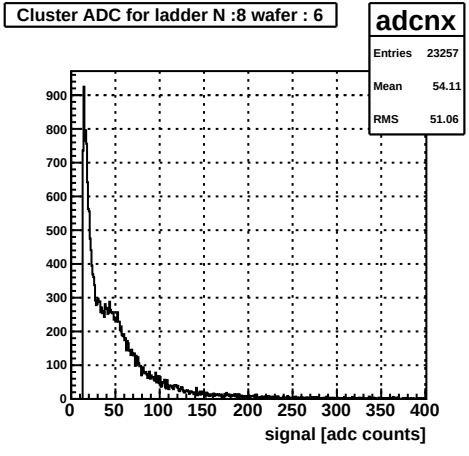

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 16372
Mean 50.33
RMS 46.96
signal [adc counts]

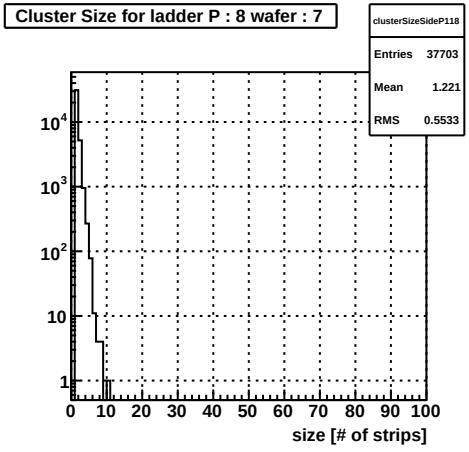

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 19152
Mean 1.192
RMS 0.4977
size [# of strips]

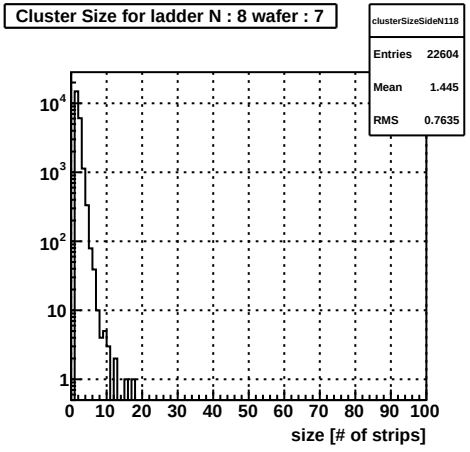

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 23257
Mean 1.451
RMS 0.791
size [# of strips]

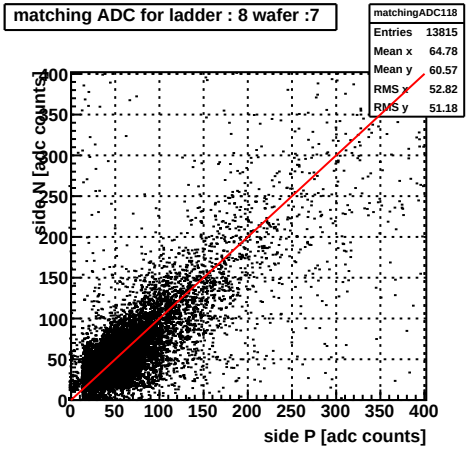

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 4207
Mean x 60.79
Mean y 54.63
RMS x 60.11
RMS y 50.27
side N [adc counts]
side P [adc counts]

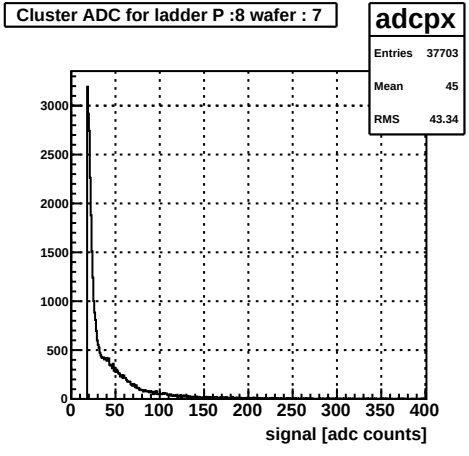

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 19152
Mean 83.22
RMS 75.74
signal [adc counts]

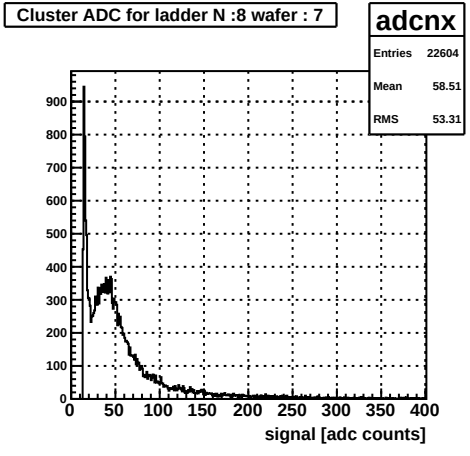

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 23257
Mean 54.11
RMS 51.06
signal [adc counts]

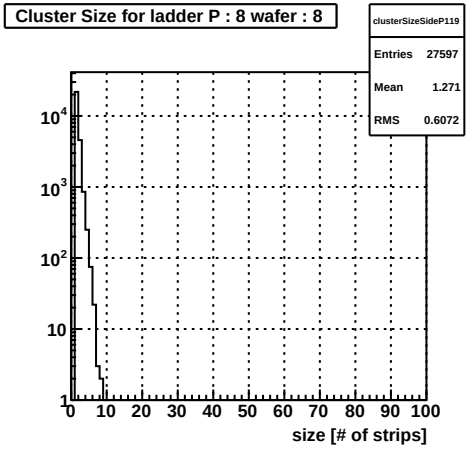

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 37703
Mean 1.221
RMS 0.5533
size [# of strips]

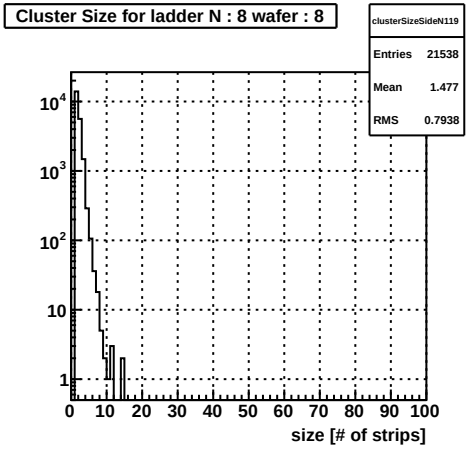

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 22604
Mean 1.445
RMS 0.7635
size [# of strips]

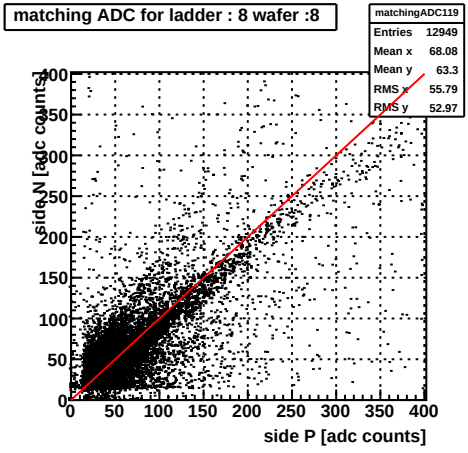

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 13815
Mean x 64.78
Mean y 60.57
RMS x 52.82
RMS y 51.18
side N [adc counts]
side P [adc counts]

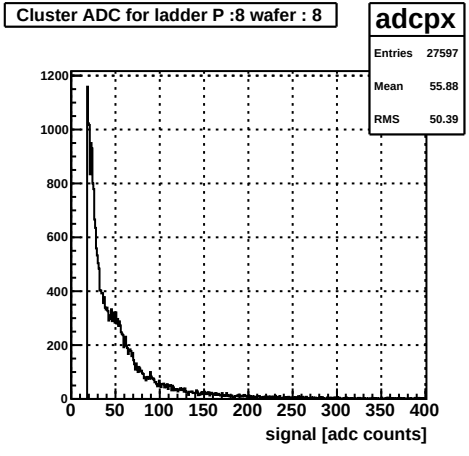

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 37703
Mean 45
RMS 43.34
signal [adc counts]

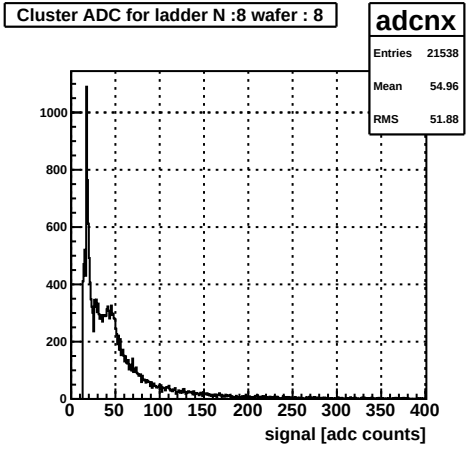

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 22604
Mean 58.51
RMS 53.31
signal [adc counts]

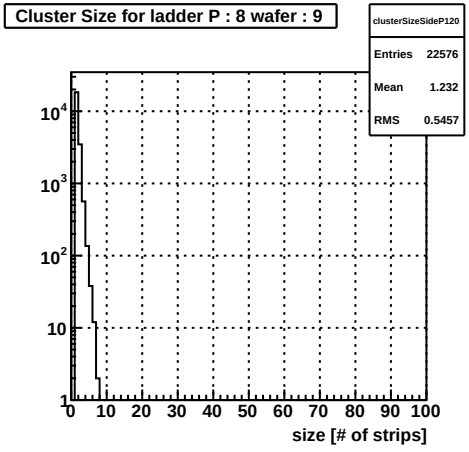

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 27597
Mean 1.271
RMS 0.6072
size [# of strips]

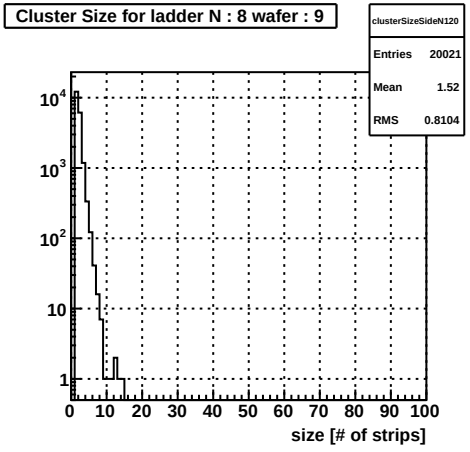

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 21538
Mean 1.477
RMS 0.7938
size [# of strips]

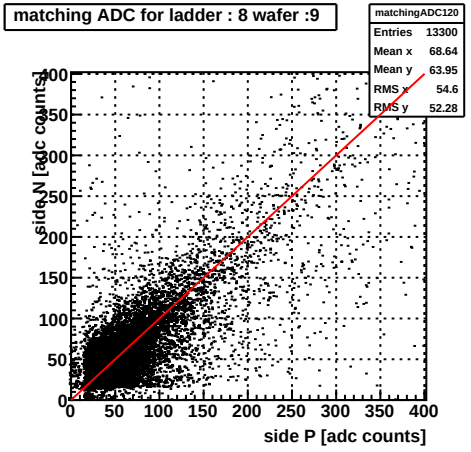

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 12949
Mean x 68.08
Mean y 63.3
RMS x 55.79
RMS y 52.97
side N [adc counts]
side P [adc counts]

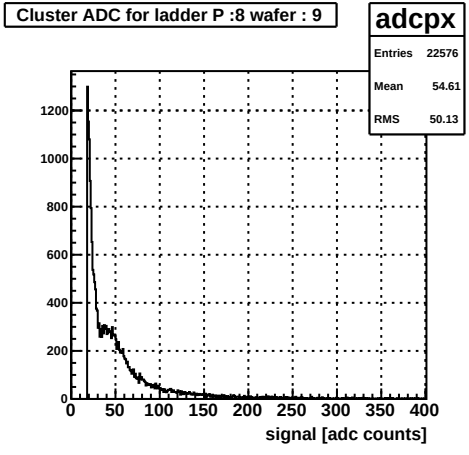

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 27597
Mean 55.88
RMS 50.39
signal [adc counts]

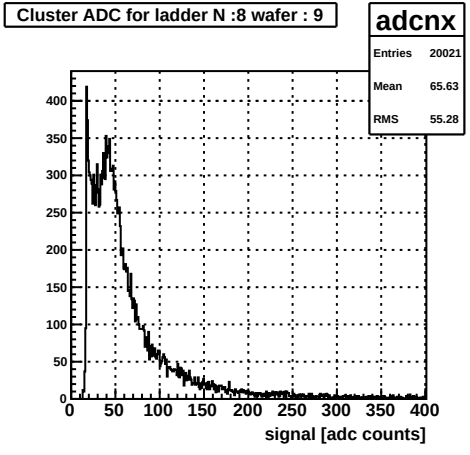

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 21538
Mean 54.96
RMS 51.88
signal [adc counts]

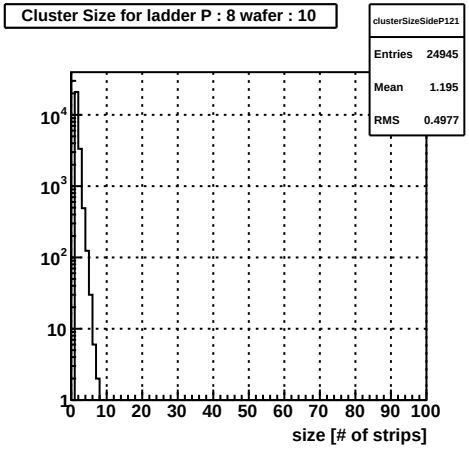

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 22576
Mean 1.232
RMS 0.5457
size [# of strips]

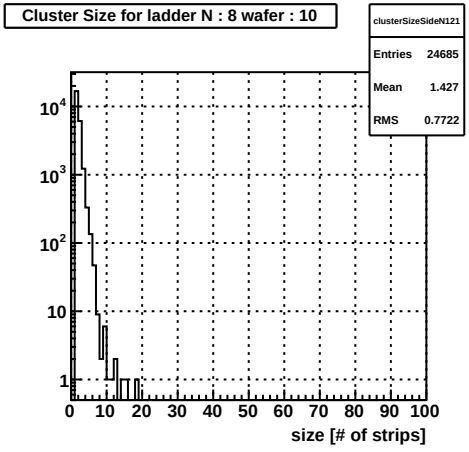

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 20021
Mean 1.52
RMS 0.8104
size [# of strips]

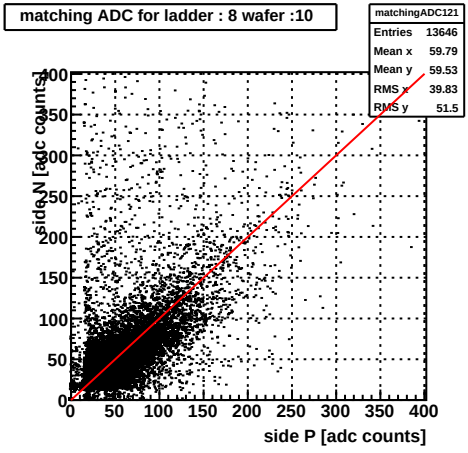

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 13300
Mean x 68.64
Mean y 63.95
RMS x 54.6
RMS y 52.28
side N [adc counts]
side P [adc counts]

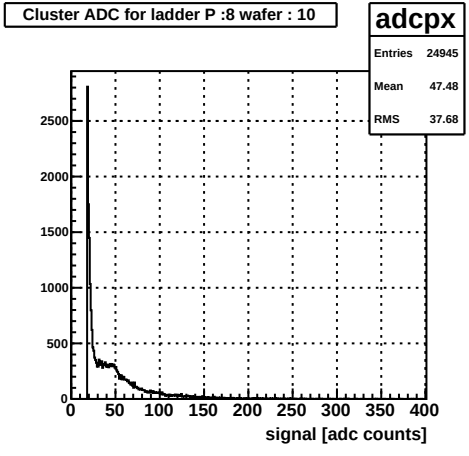

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 22576
Mean 54.61
RMS 50.13
signal [adc counts]

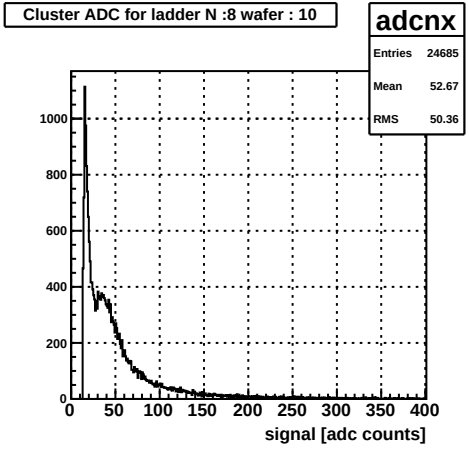

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 20021
Mean 65.63
RMS 55.28
signal [adc counts]

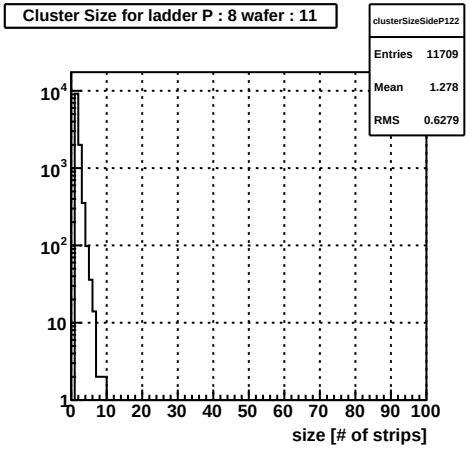

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 24945
Mean 1.195
RMS 0.4977
size [# of strips]

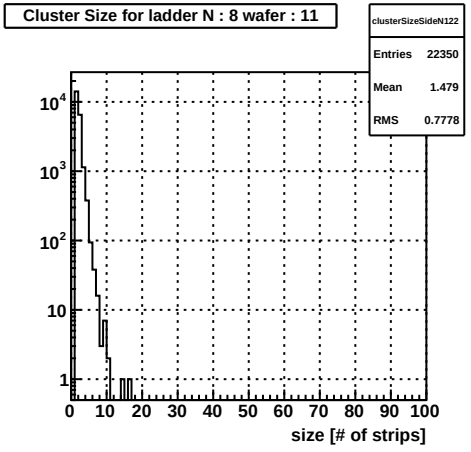

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 24685
Mean 1.427
RMS 0.7722
size [# of strips]

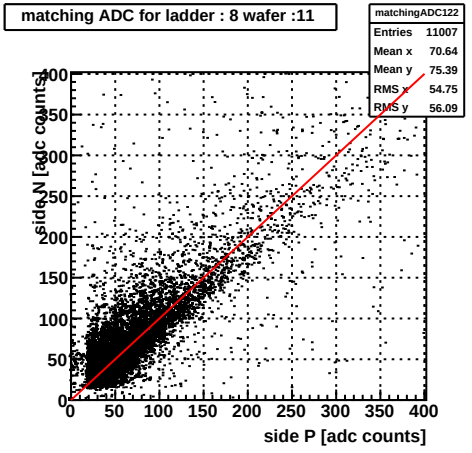

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 13646
Mean x 59.79
Mean y 59.53
RMS x 39.83
RMS y 51.5
side N [adc counts]
side P [adc counts]

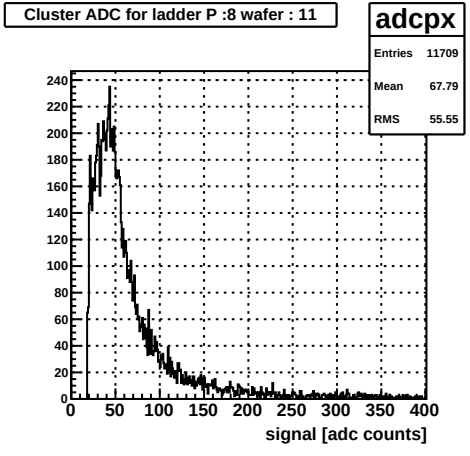

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 24945
Mean 47.48
RMS 37.68
signal [adc counts]

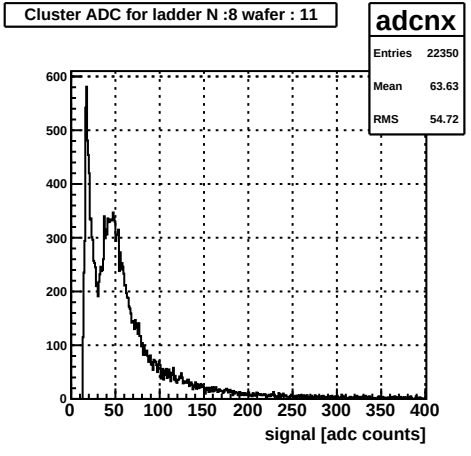

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 24685
Mean 52.67
RMS 50.36
signal [adc counts]

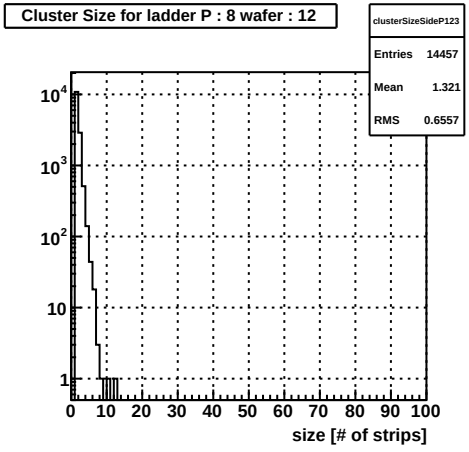

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 11709
Mean 1.278
RMS 0.6279
size [# of strips]

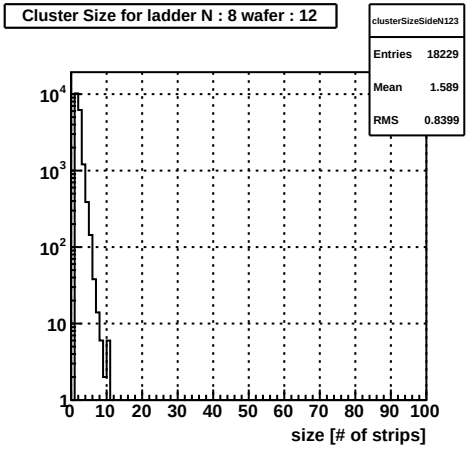

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 22350
Mean 1.479
RMS 0.7778
size [# of strips]

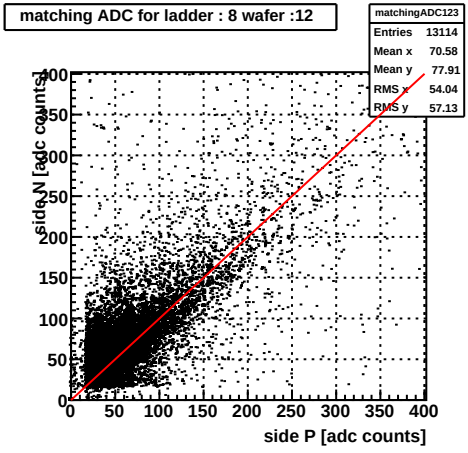

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 11007
Mean x 70.64
Mean y 75.39
RMS x 54.75
RMS y 56.09
side N [adc counts]
side P [adc counts]

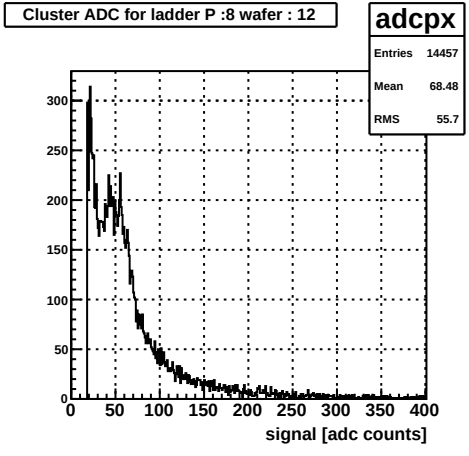

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 11709
Mean 67.79
RMS 55.55
signal [adc counts]

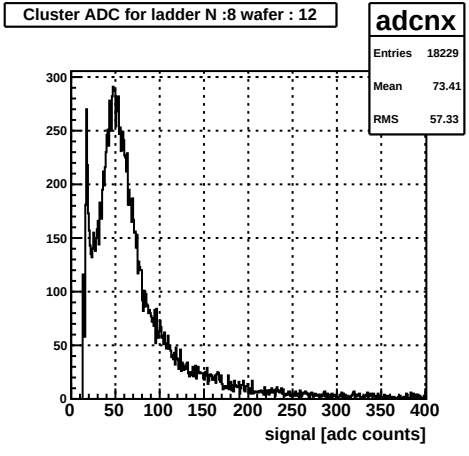

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 22350
Mean 63.63
RMS 54.72
signal [adc counts]

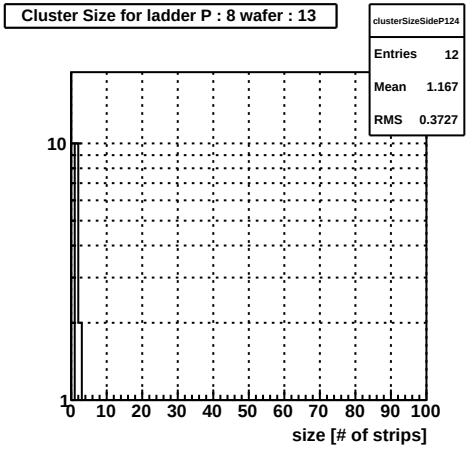

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 14457
Mean 1.321
RMS 0.6557
size [# of strips]

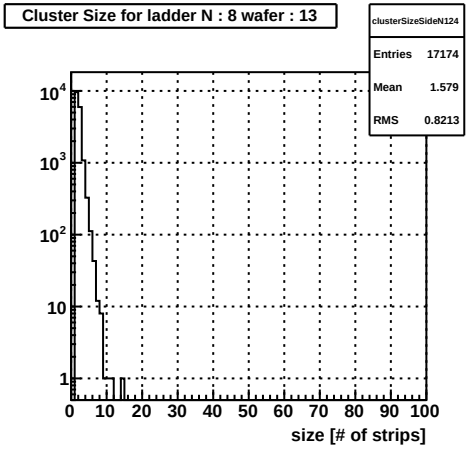

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 18229
Mean 1.589
RMS 0.8399
size [# of strips]

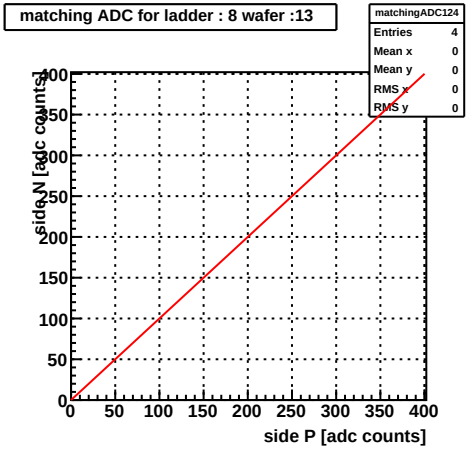

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 13114
Mean x 70.58
Mean y 77.91
RMS x 54.04
RMS y 57.13
side N [adc counts]
side P [adc counts]

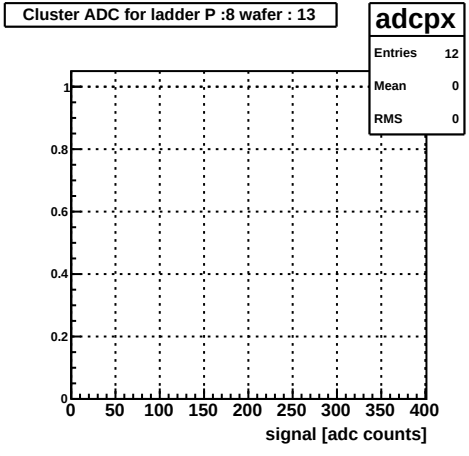

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 14457
Mean 68.48
RMS 55.7
signal [adc counts]

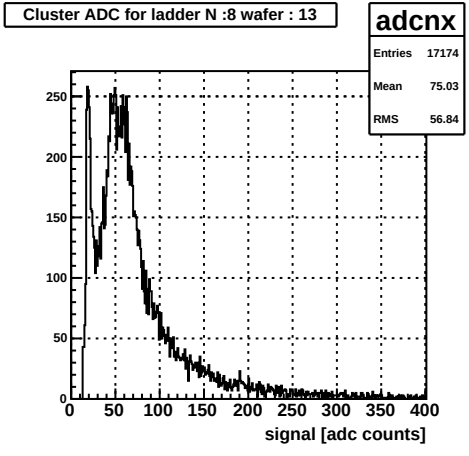

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 18229
Mean 73.41
RMS 57.33
signal [adc counts]

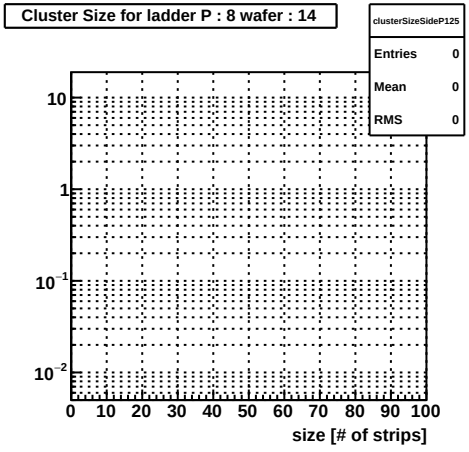

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

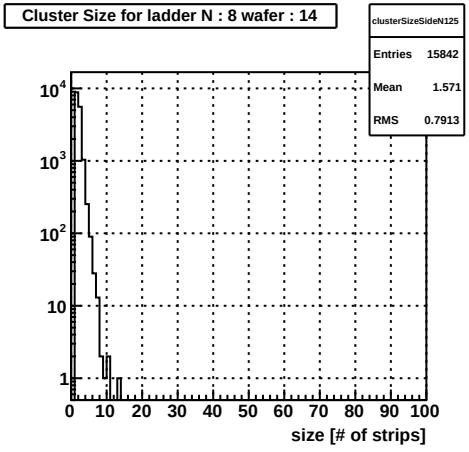

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 17174
Mean 1.579
RMS 0.8213
size [# of strips]

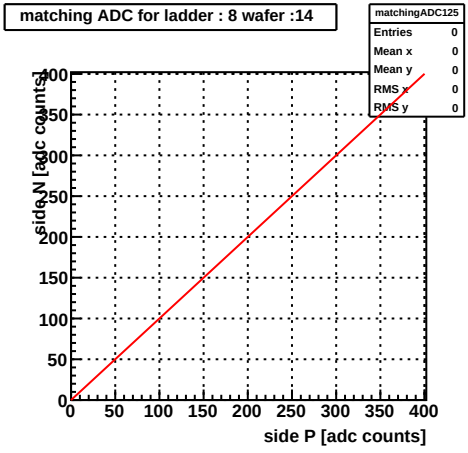

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

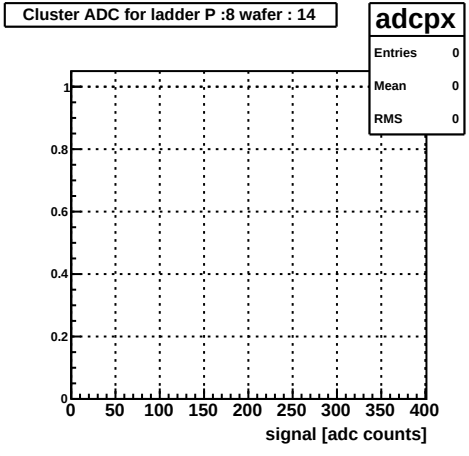

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

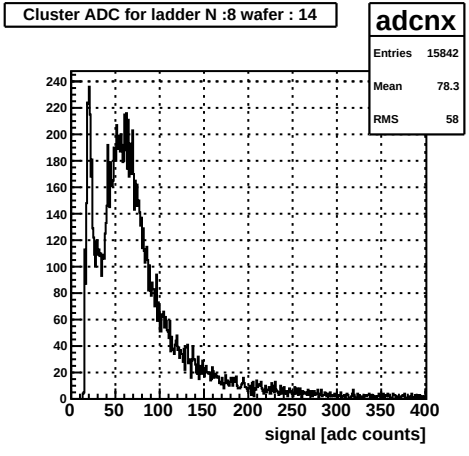

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 17174
Mean 75.03
RMS 56.84
signal [adc counts]

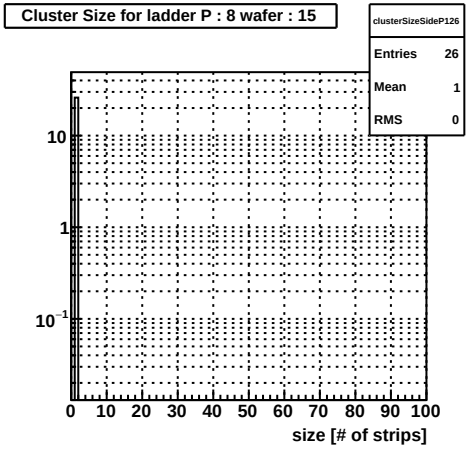

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

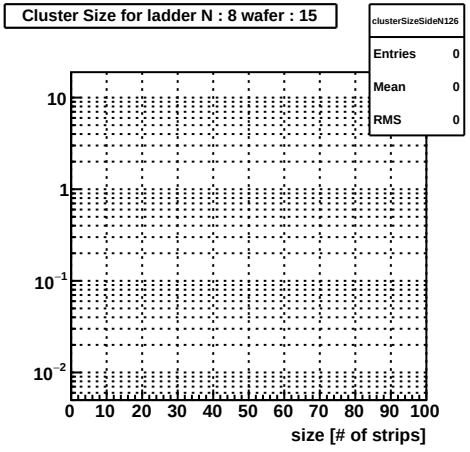

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 15842
Mean 1.571
RMS 0.7913
size [# of strips]

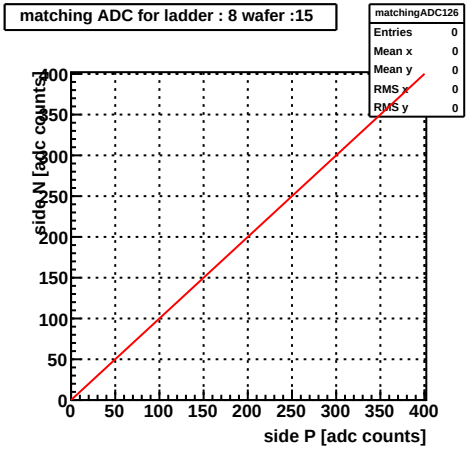

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

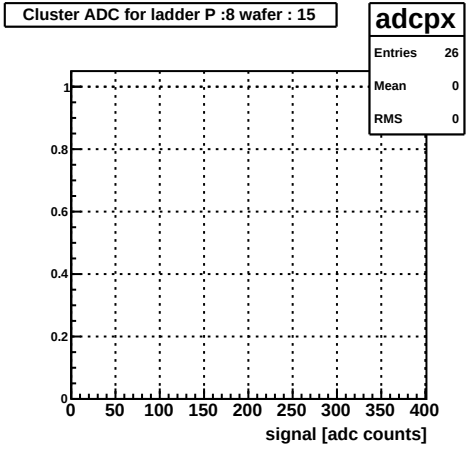

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

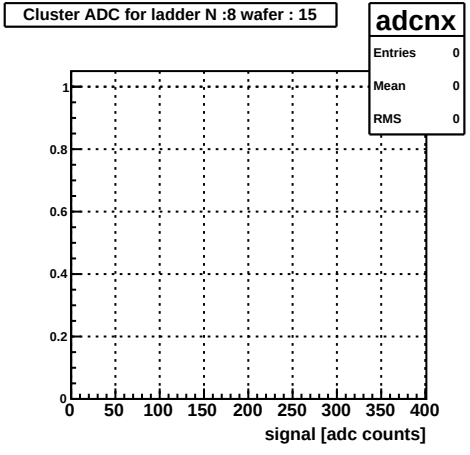

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 15842
Mean 78.3
RMS 58
signal [adc counts]

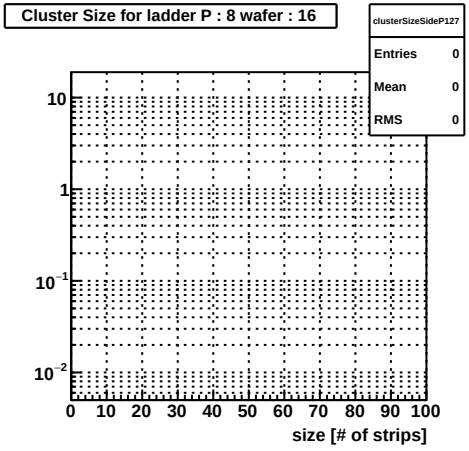

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 26
Mean 1
RMS 0
size [# of strips]

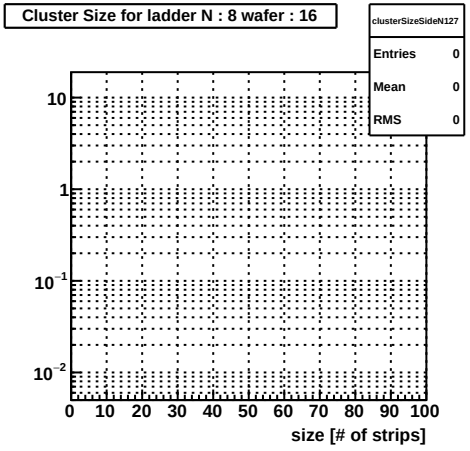

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

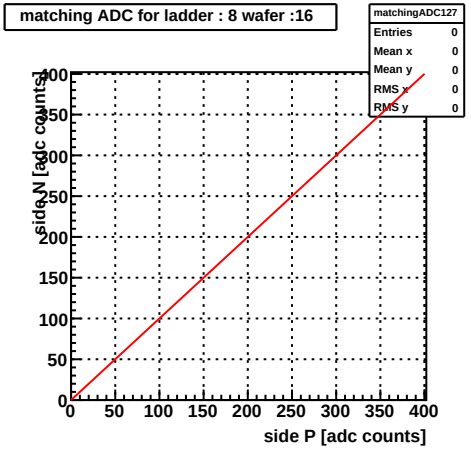

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

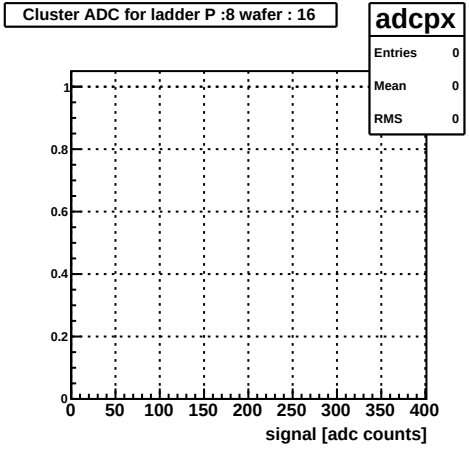

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 26
Mean 0
RMS 0
signal [adc counts]

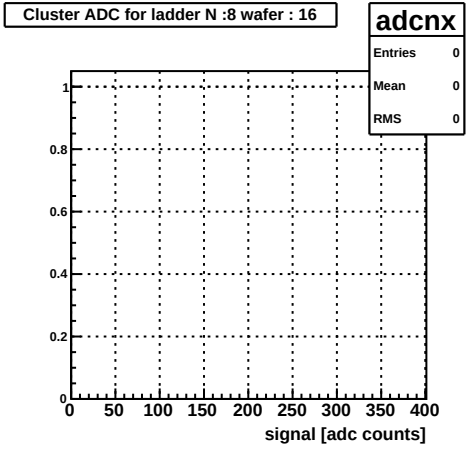

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

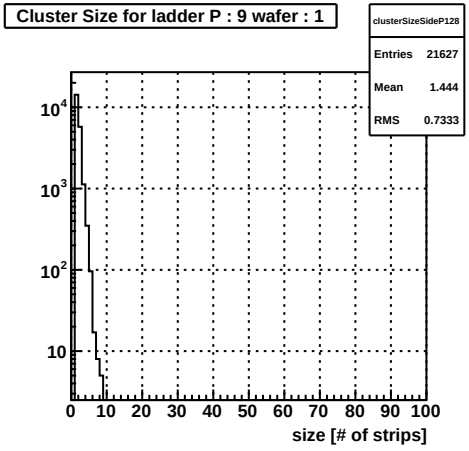

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

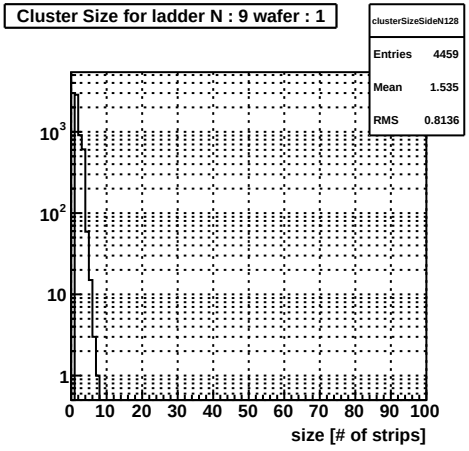

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

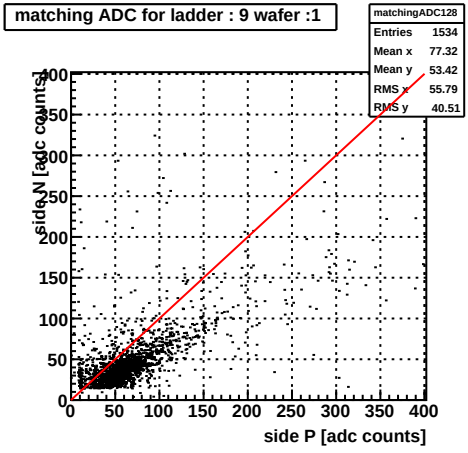

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

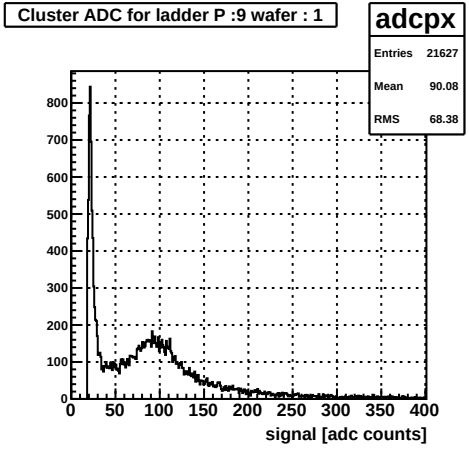

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

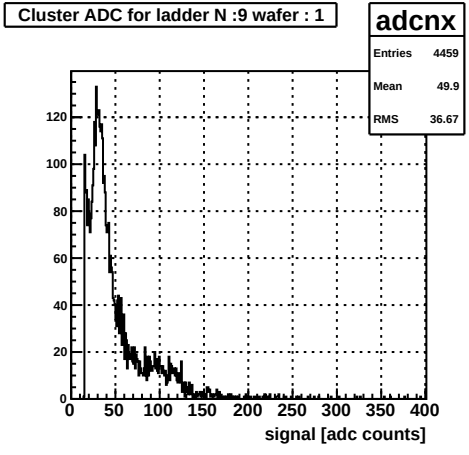

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

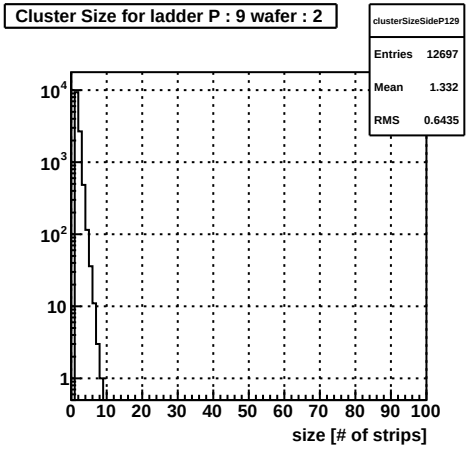

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 21627
Mean 1.444
RMS 0.7333
size [# of strips]

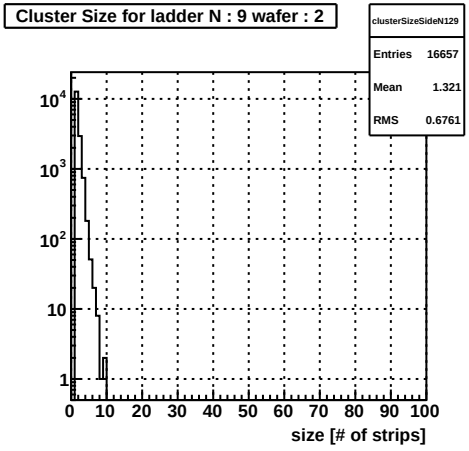

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 4459
Mean 1.535
RMS 0.8136
size [# of strips]

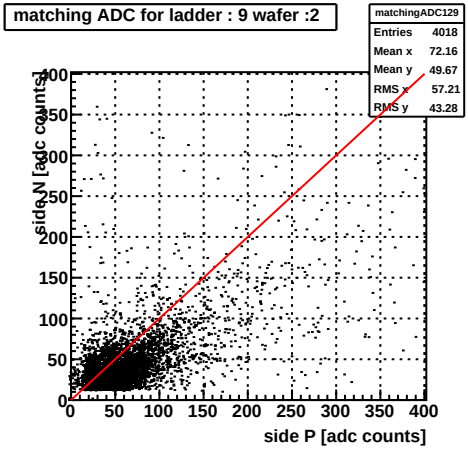

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1534
Mean x 77.32
Mean y 53.42
RMS x 55.79
RMS y 40.51
side N [adc counts]
side P [adc counts]

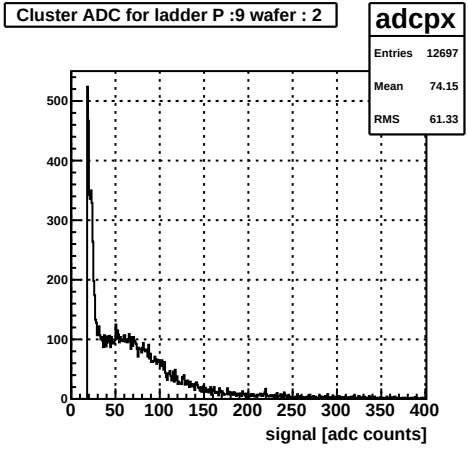

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 21627
Mean 90.08
RMS 68.38
signal [adc counts]

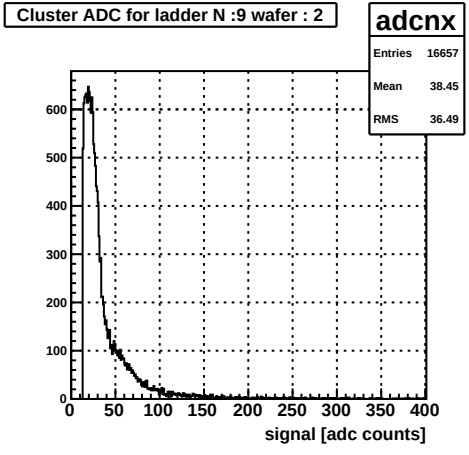

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 4459
Mean 49.9
RMS 36.67
signal [adc counts]

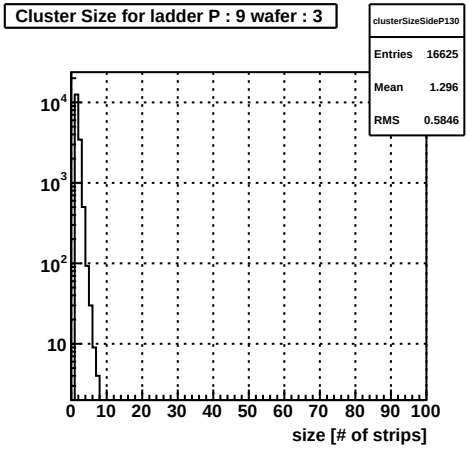

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 12697
Mean 1.332
RMS 0.6435
size [# of strips]

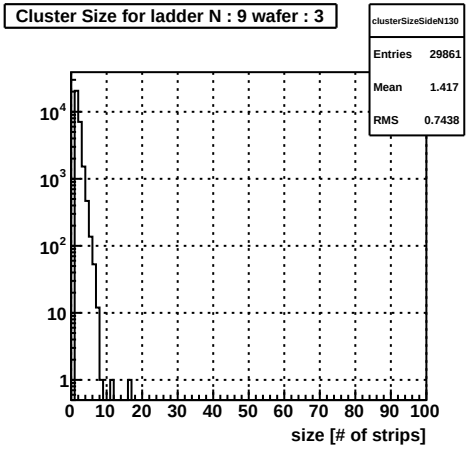

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 16657
Mean 1.321
RMS 0.6761
size [# of strips]

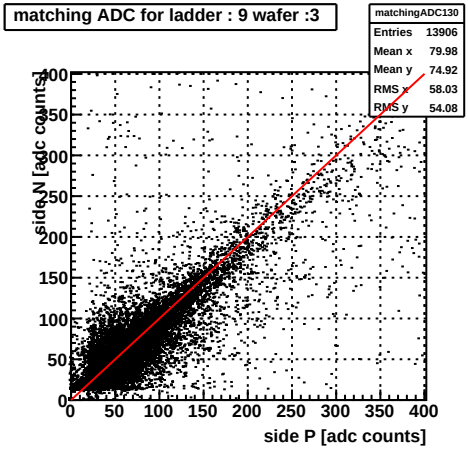

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 4018
Mean x 72.16
Mean y 49.67
RMS x 57.21
RMS y 43.28
side N [adc counts]
side P [adc counts]

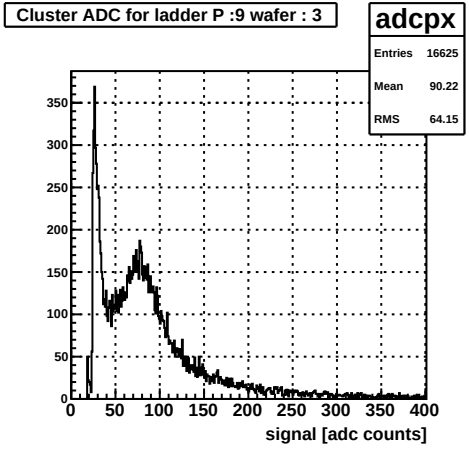

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 12697
Mean 74.15
RMS 61.33
signal [adc counts]

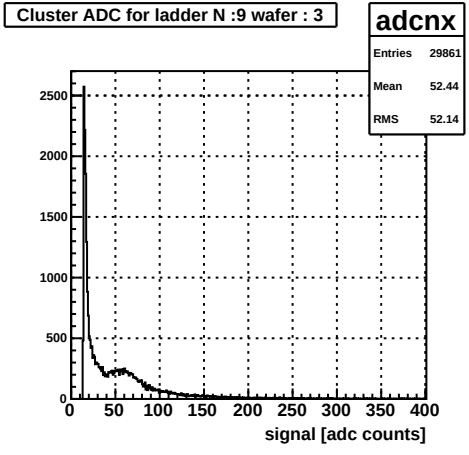

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 16657
Mean 38.45
RMS 36.49
signal [adc counts]

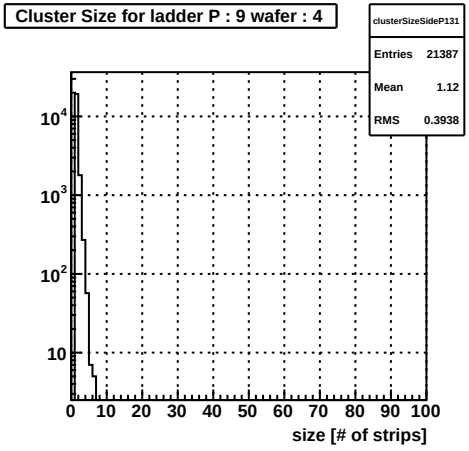

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 16625
Mean 1.296
RMS 0.5846
size [# of strips]

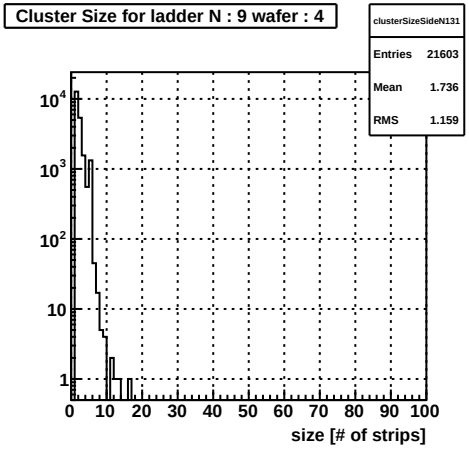

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 29861
Mean 1.417
RMS 0.7438
size [# of strips]

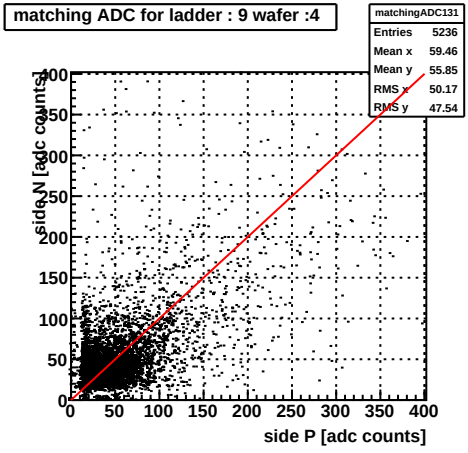

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 13906
Mean x 79.98
Mean y 74.92
RMS x 58.03
RMS y 54.08
side N [adc counts]
side P [adc counts]

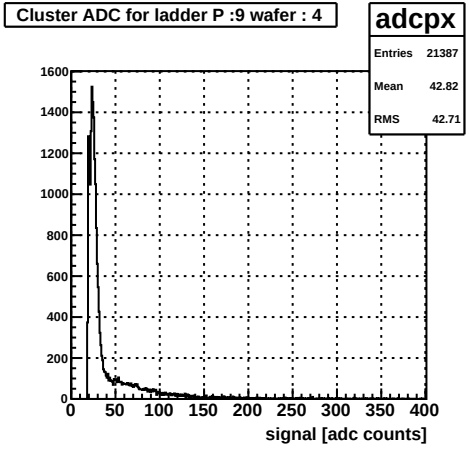

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 16625
Mean 90.22
RMS 64.15
signal [adc counts]

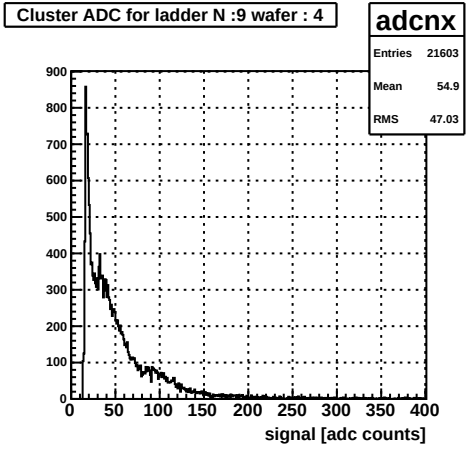

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 29861
Mean 52.44
RMS 52.14
signal [adc counts]

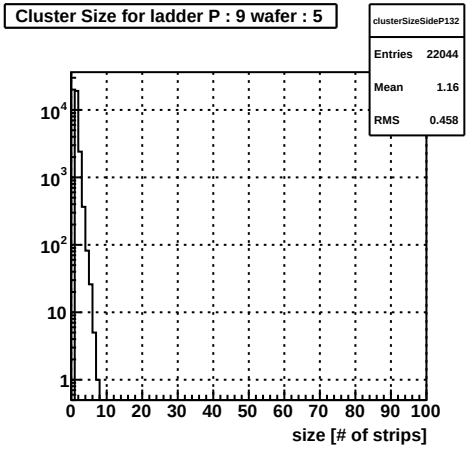

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 21387
Mean 1.12
RMS 0.3938
size [# of strips]

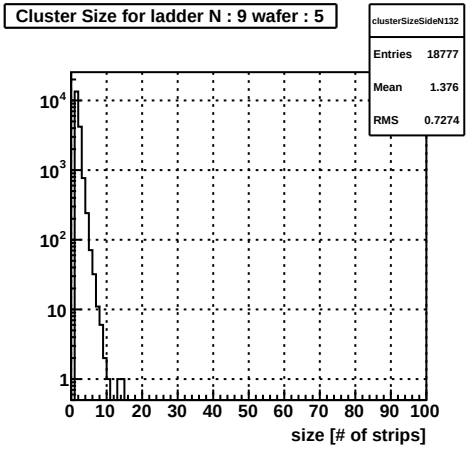

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 21603
Mean 1.736
RMS 1.159
size [# of strips]

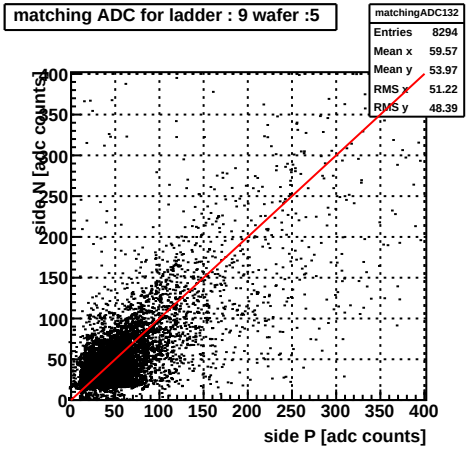

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 5236
Mean x 59.46
Mean y 55.85
RMS x 50.17
RMS y 47.54
side N [adc counts]
side P [adc counts]

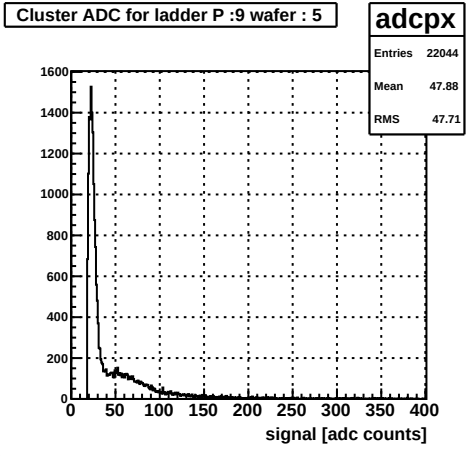

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 21387
Mean 42.82
RMS 42.71
signal [adc counts]

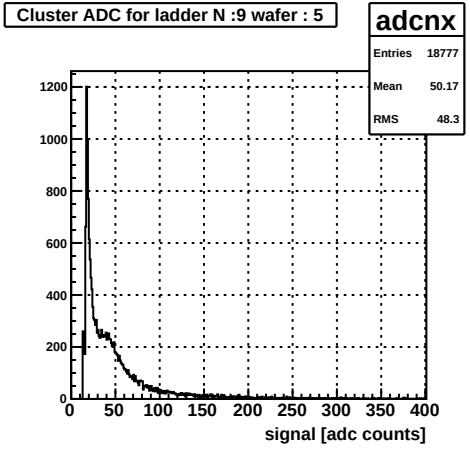

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 21603
Mean 54.9
RMS 47.03
signal [adc counts]

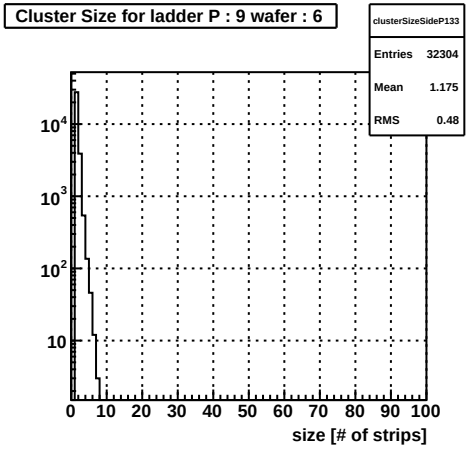

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 22044
Mean 1.16
RMS 0.458
size [# of strips]

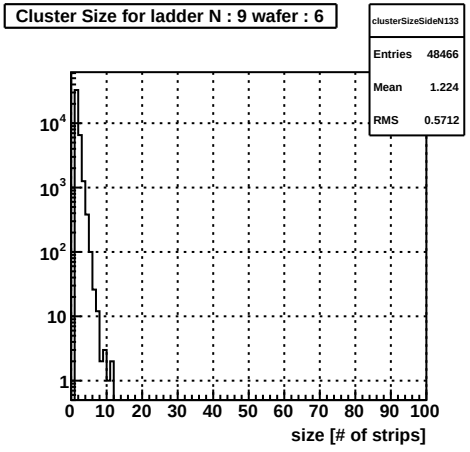

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 18777
Mean 1.376
RMS 0.7274
size [# of strips]

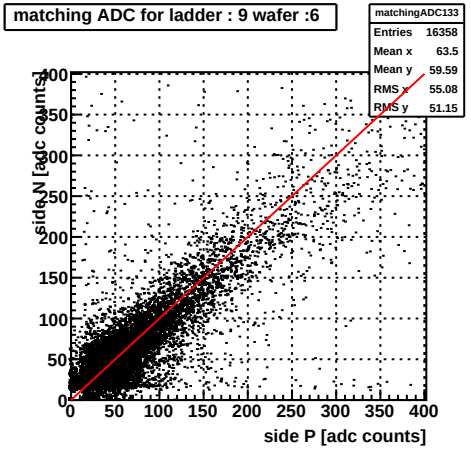

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 8294
Mean x 59.57
Mean y 53.97
RMS x 51.22
RMS y 48.39
side N [adc counts]
side P [adc counts]

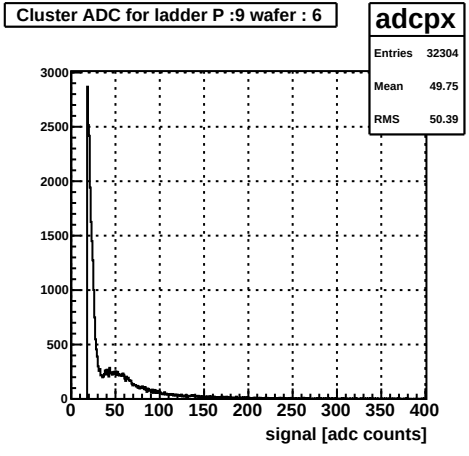

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 22044
Mean 47.88
RMS 47.71
signal [adc counts]

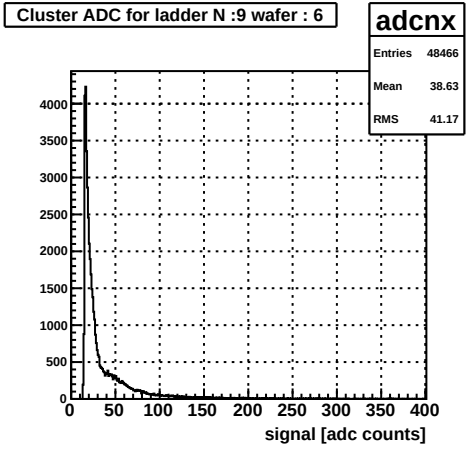

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 18777
Mean 50.17
RMS 48.3
signal [adc counts]

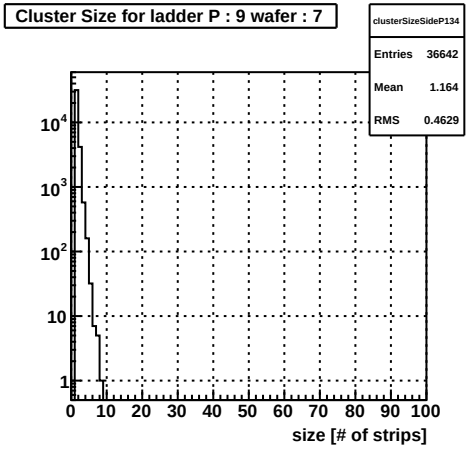

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 32304
Mean 1.175
RMS 0.48
size [# of strips]

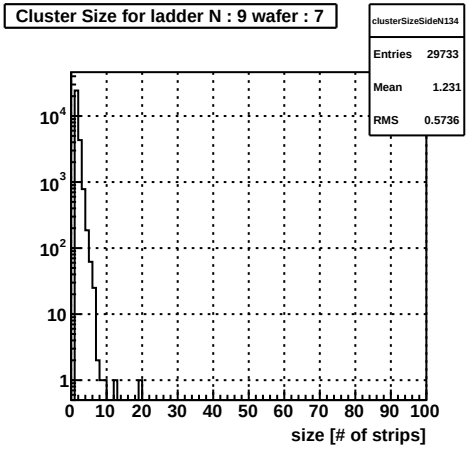

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 48466
Mean 1.224
RMS 0.5712
size [# of strips]

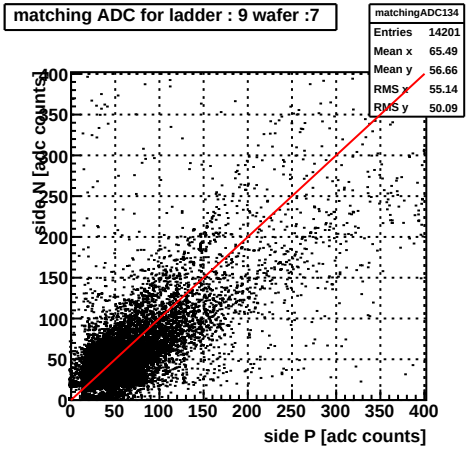

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 16358
Mean x 63.5
Mean y 59.59
RMS x 55.08
RMS y 51.15
side N [adc counts]
side P [adc counts]

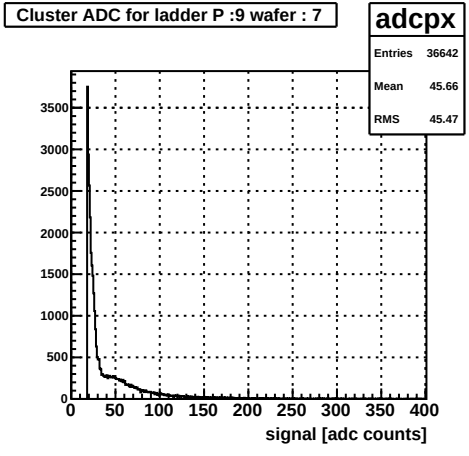

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 32304
Mean 49.75
RMS 50.39
signal [adc counts]

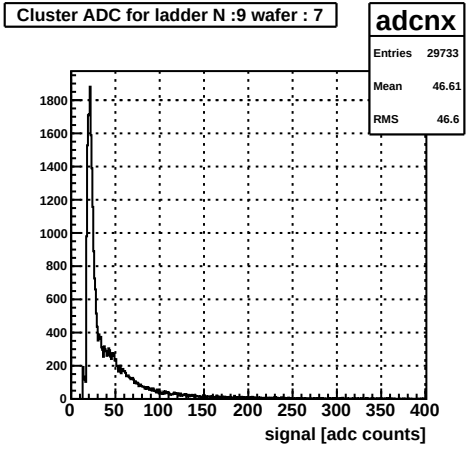

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 48466
Mean 38.63
RMS 41.17
signal [adc counts]

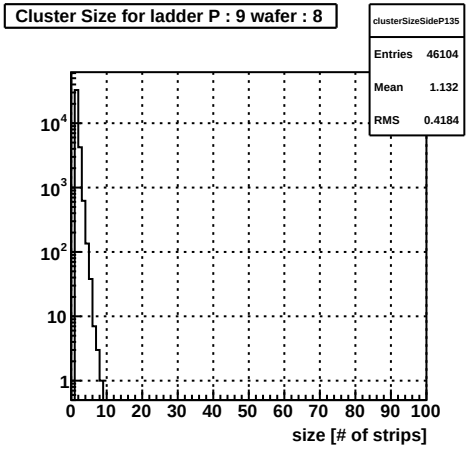

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 36642
Mean 1.164
RMS 0.4629
size [# of strips]

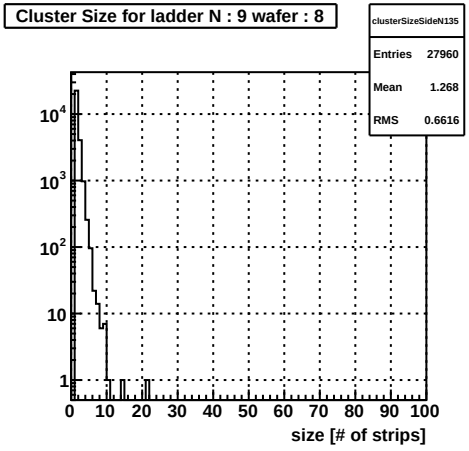

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 29733
Mean 1.231
RMS 0.5736
size [# of strips]

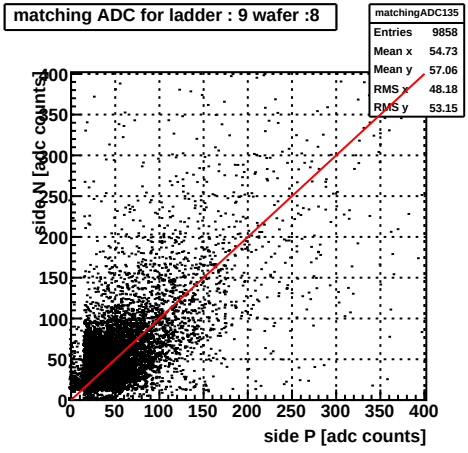

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 14201
Mean x 65.49
Mean y 56.66
RMS x 55.14
RMS y 50.09
side N [adc counts]
side P [adc counts]

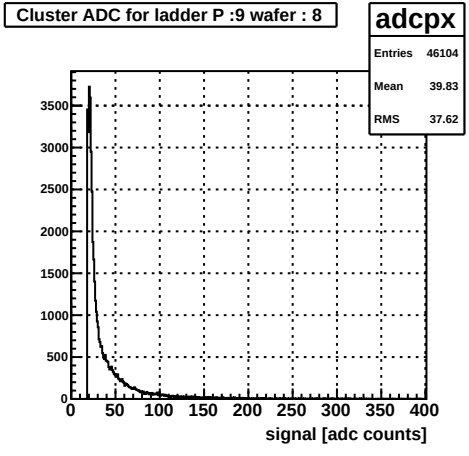

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 36642
Mean 45.66
RMS 45.47
signal [adc counts]

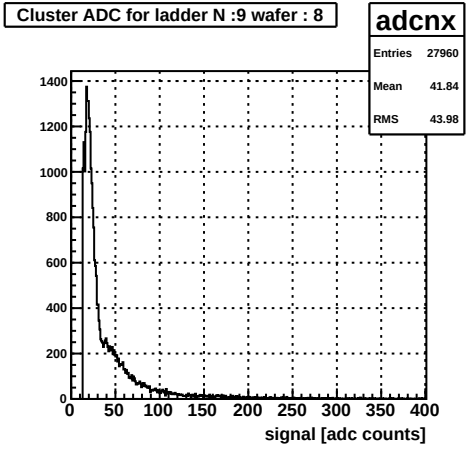

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 29733
Mean 46.61
RMS 46.6
signal [adc counts]

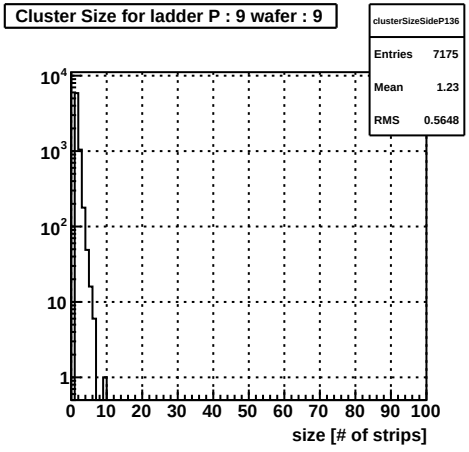

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 46104
Mean 1.132
RMS 0.4184
size [# of strips]

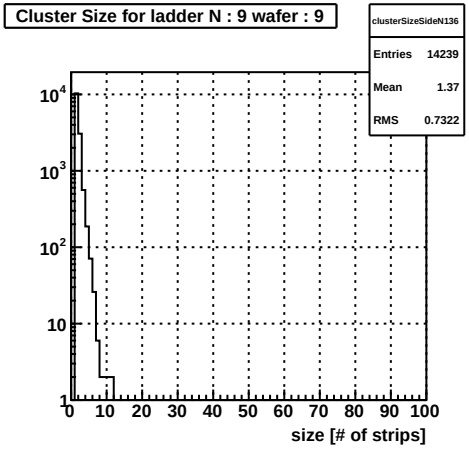

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 27960
Mean 1.268
RMS 0.6616
size [# of strips]

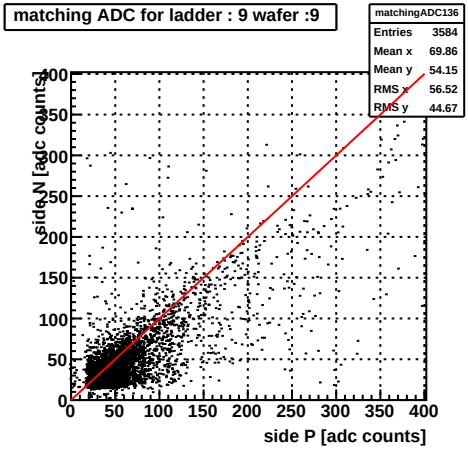

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 9858
Mean x 54.73
Mean y 57.06
RMS x 48.18
RMS y 53.15
side N [adc counts]
side P [adc counts]

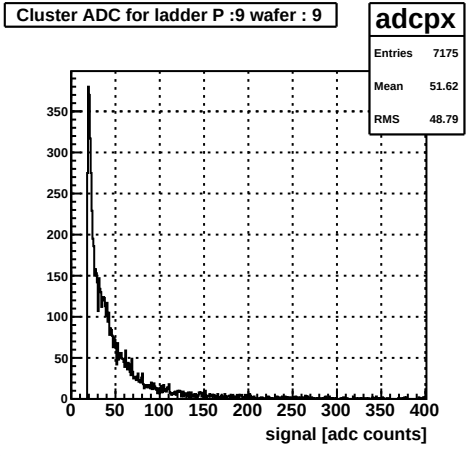

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 46104
Mean 39.83
RMS 37.62
signal [adc counts]

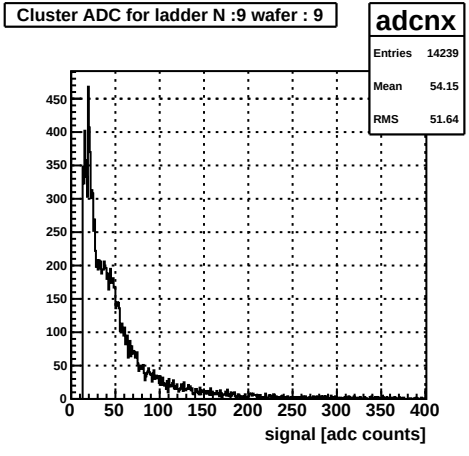

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 27960
Mean 41.84
RMS 43.98
signal [adc counts]

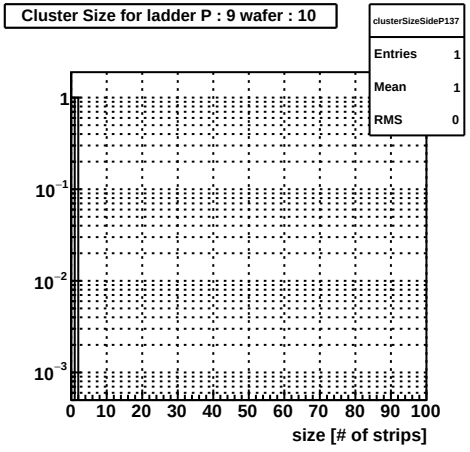

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 7175
Mean 1.23
RMS 0.5648
size [# of strips]

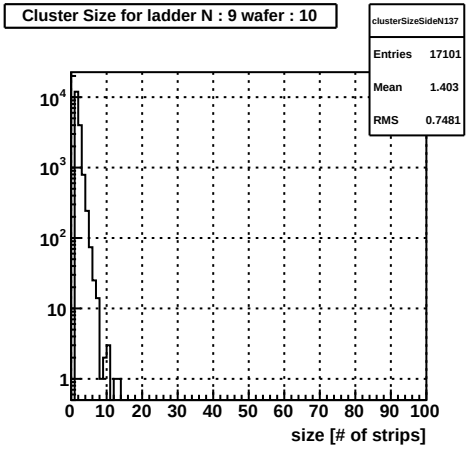

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 14239
Mean 1.37
RMS 0.7322
size [# of strips]

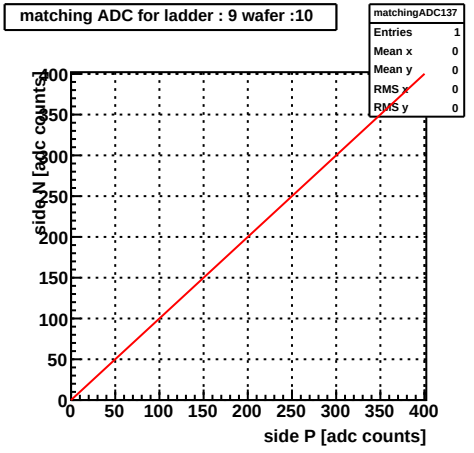

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 3584
Mean x 69.86
Mean y 54.15
RMS x 56.52
RMS y 44.67
side N [adc counts]
side P [adc counts]

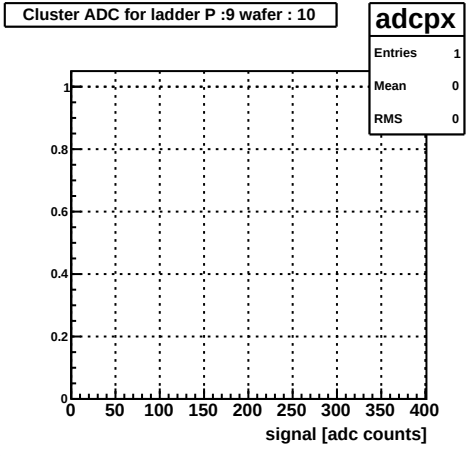

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 7175
Mean 51.62
RMS 48.79
signal [adc counts]

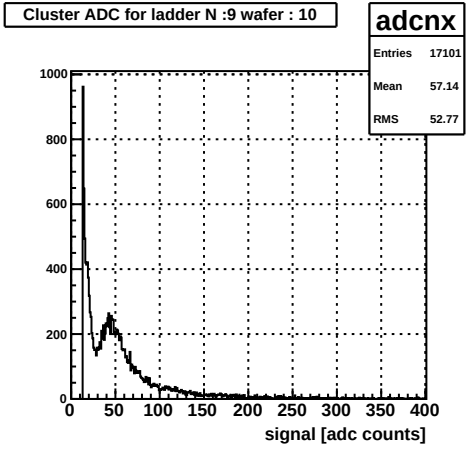

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 14239
Mean 54.15
RMS 51.64
signal [adc counts]

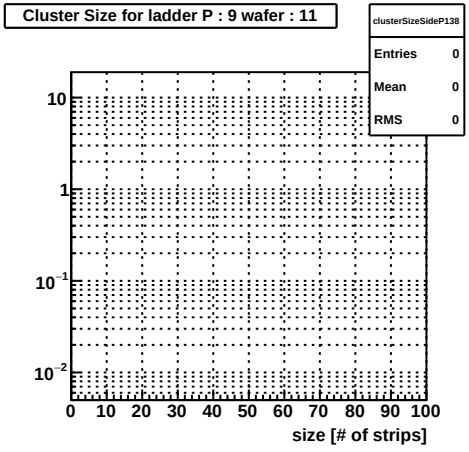

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

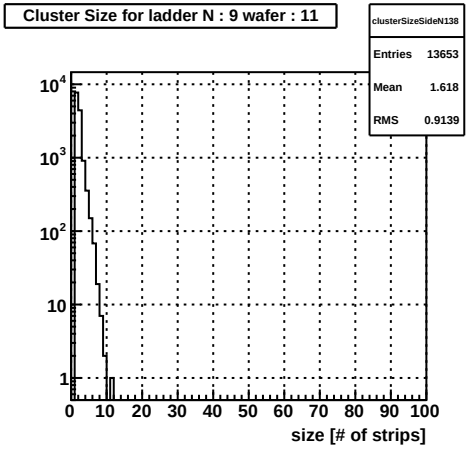

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 17101
Mean 1.403
RMS 0.7481
size [# of strips]

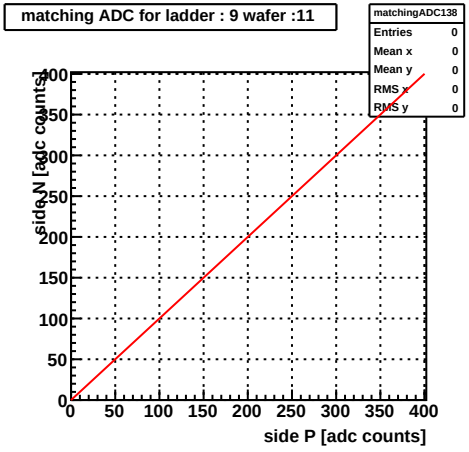

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

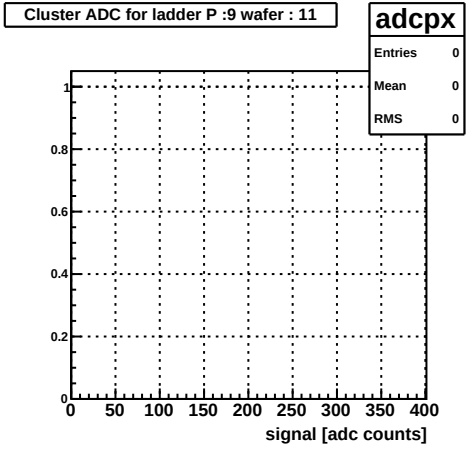

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

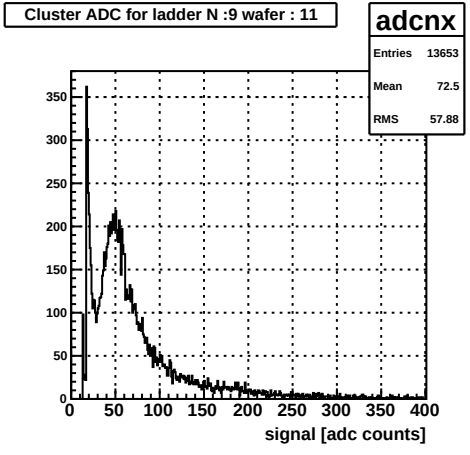

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 17101
Mean 57.14
RMS 52.77
signal [adc counts]

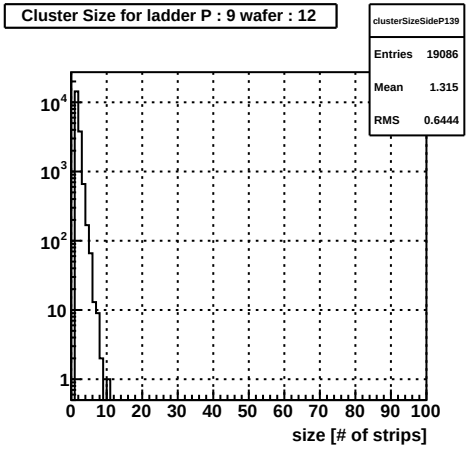

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

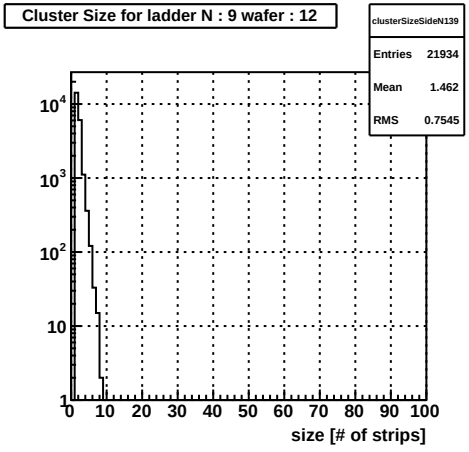

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 13653
Mean 1.618
RMS 0.9139
size [# of strips]

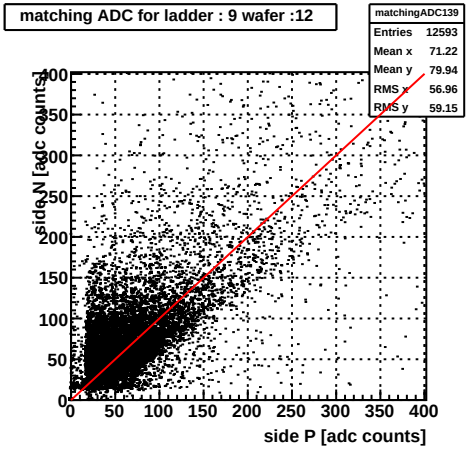

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

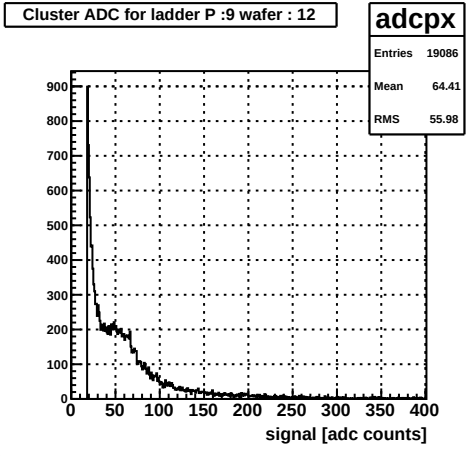

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

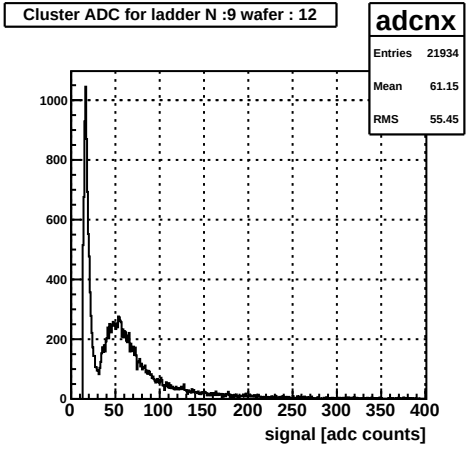

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 13653
Mean 72.5
RMS 57.88
signal [adc counts]

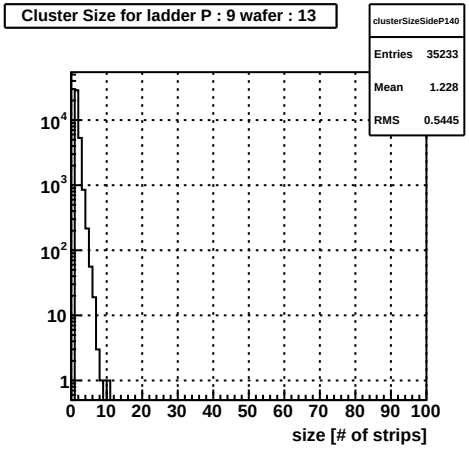

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 19086
Mean 1.315
RMS 0.6444
size [# of strips]

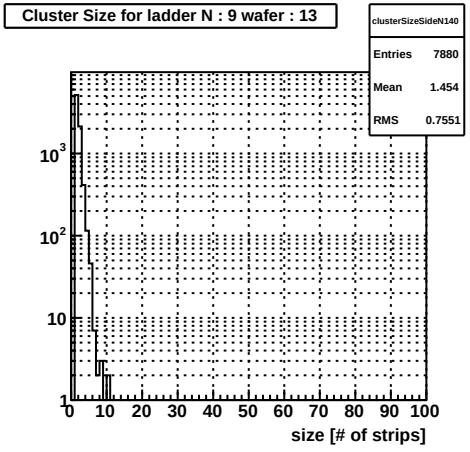

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 21934
Mean 1.462
RMS 0.7545
size [# of strips]

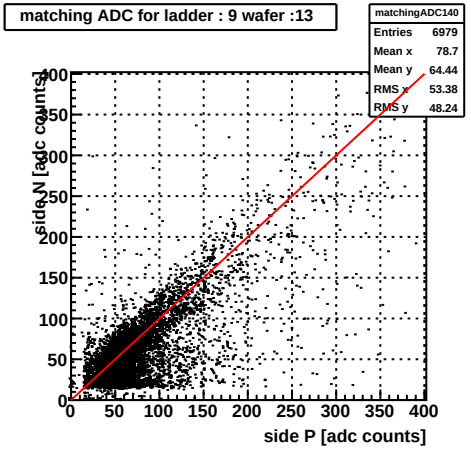

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 12593
Mean x 71.22
Mean y 79.94
RMS x 56.96
RMS y 59.15
side N [adc counts]
side P [adc counts]

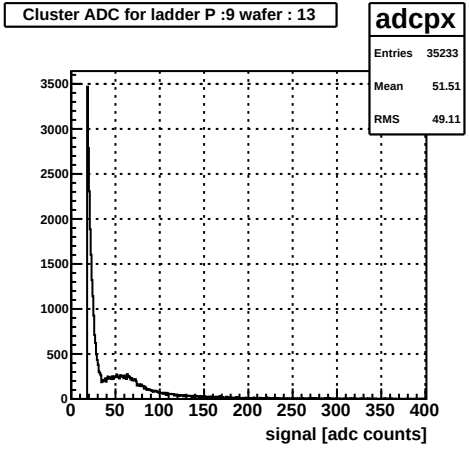

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 19086
Mean 64.41
RMS 55.98
signal [adc counts]

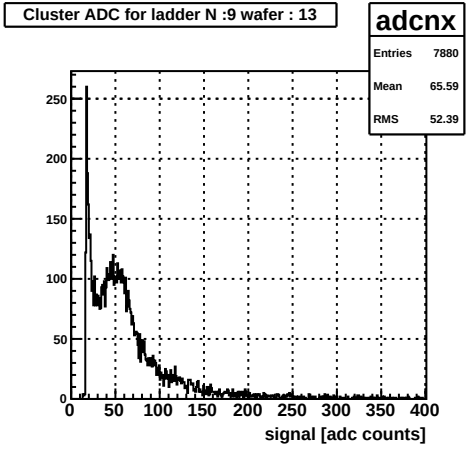

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 21934
Mean 61.15
RMS 55.45
signal [adc counts]

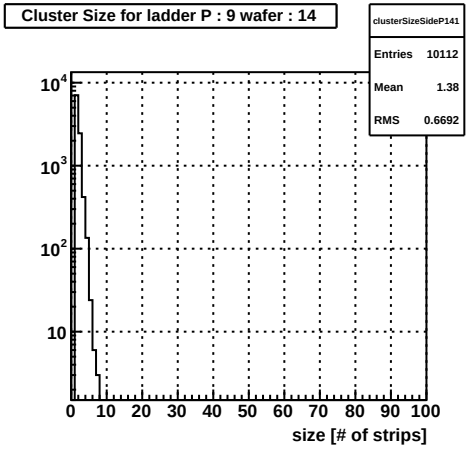

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 35233
Mean 1.228
RMS 0.5445
size [# of strips]

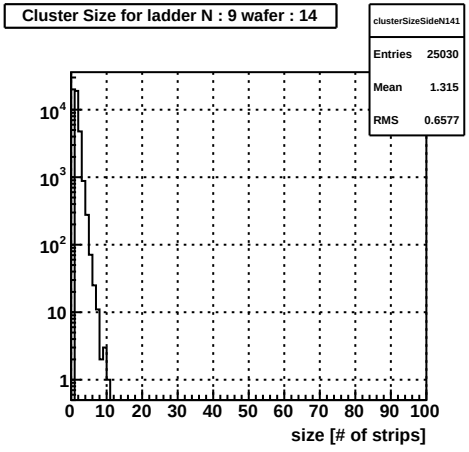

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 7880
Mean 1.454
RMS 0.7551
size [# of strips]

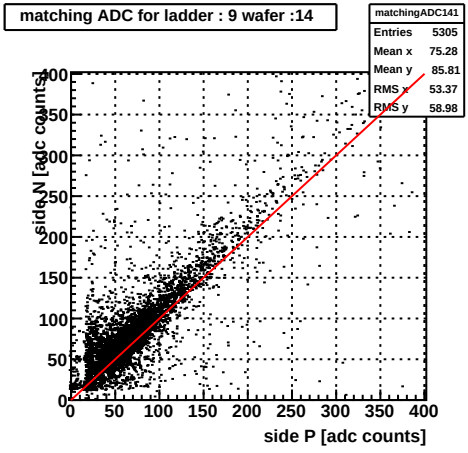

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 6979
Mean x 78.7
Mean y 64.44
RMS x 53.38
RMS y 48.24
side N [adc counts]
side P [adc counts]

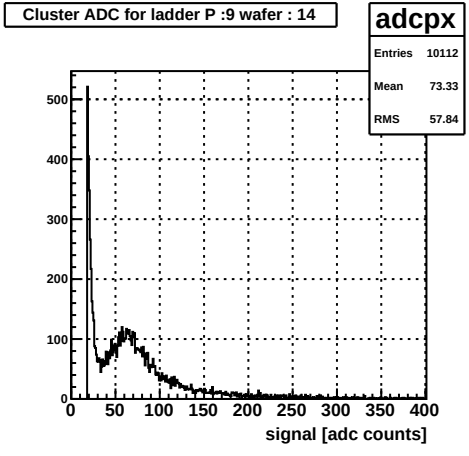

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 35233
Mean 51.51
RMS 49.11
signal [adc counts]

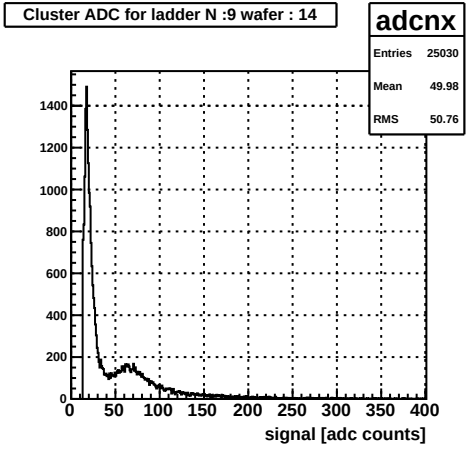

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 7880
Mean 65.59
RMS 52.39
signal [adc counts]

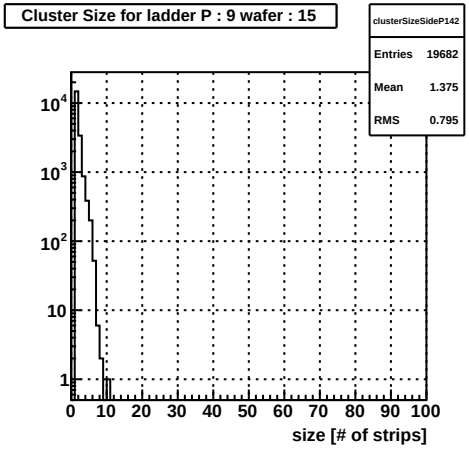

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 10112
Mean 1.38
RMS 0.6692
size [# of strips]

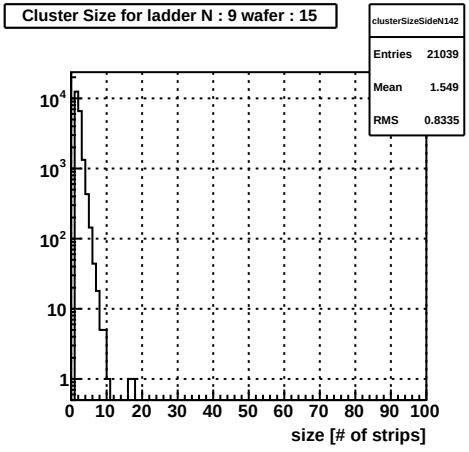

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 25030
Mean 1.315
RMS 0.6577
size [# of strips]

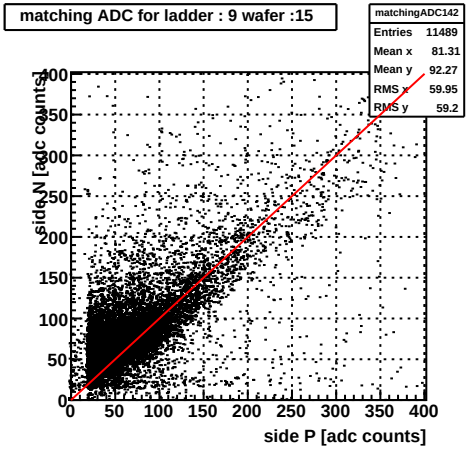

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 5305
Mean x 75.28
Mean y 85.81
RMS x 53.37
RMS y 58.98
side N [adc counts]
side P [adc counts]

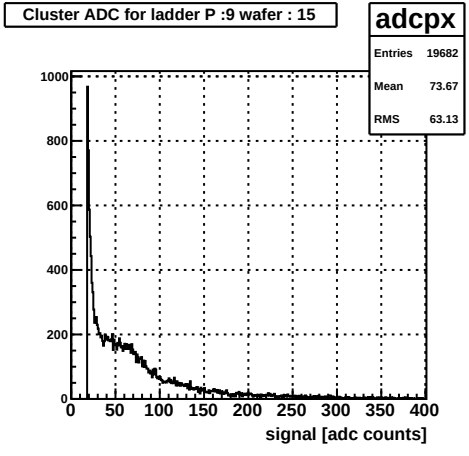

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 10112
Mean 73.33
RMS 57.84
signal [adc counts]

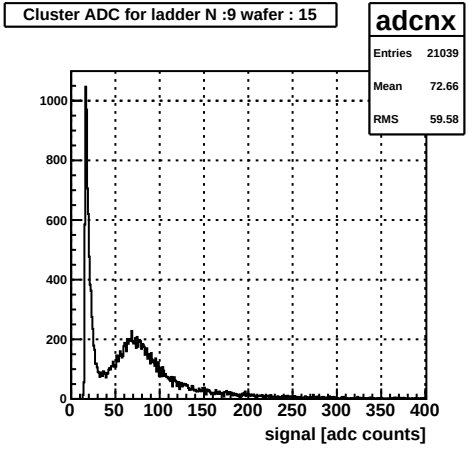

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 25030
Mean 49.98
RMS 50.76
signal [adc counts]

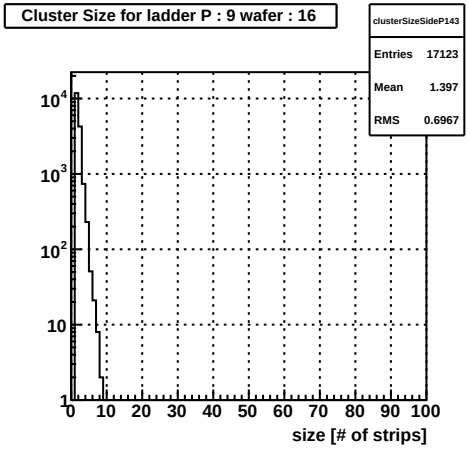

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 19682
Mean 1.375
RMS 0.795
size [# of strips]

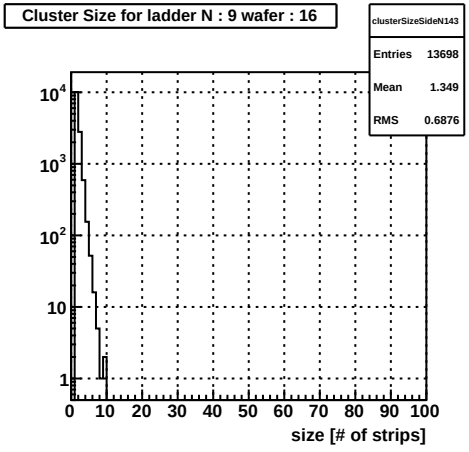

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 21039
Mean 1.549
RMS 0.8335
size [# of strips]

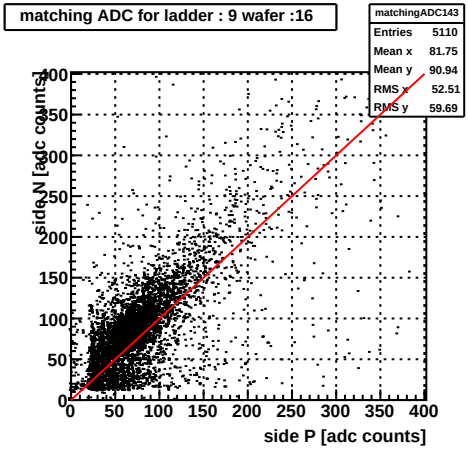

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 11489
Mean x 81.31
Mean y 92.27
RMS x 59.95
RMS y 59.2
side N [adc counts]
side P [adc counts]

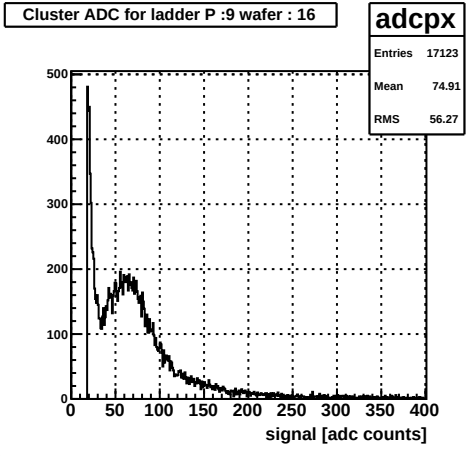

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 19682
Mean 73.67
RMS 63.13
signal [adc counts]

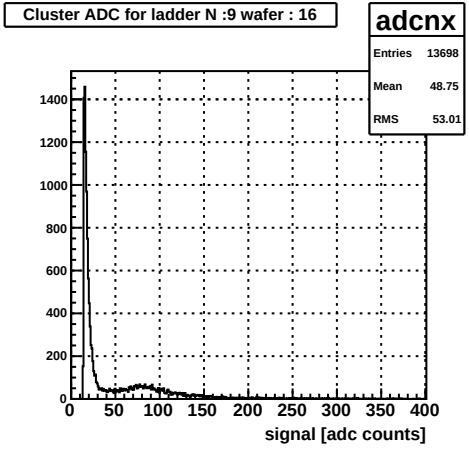

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 21039
Mean 72.66
RMS 59.58
signal [adc counts]

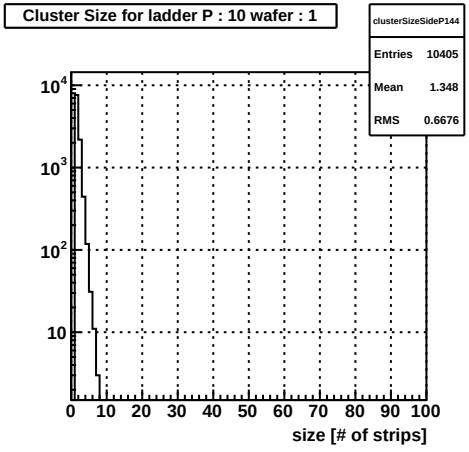

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 17123
Mean 1.397
RMS 0.6967
size [# of strips]

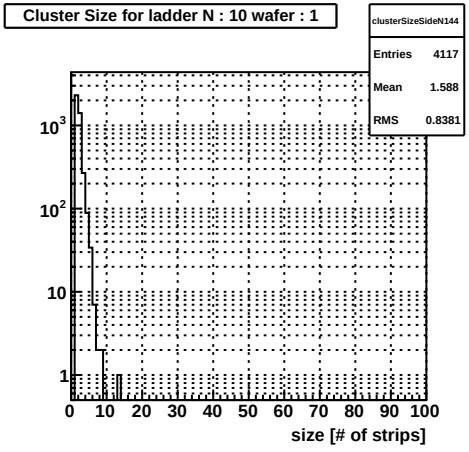

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 13698
Mean 1.349
RMS 0.6876
size [# of strips]

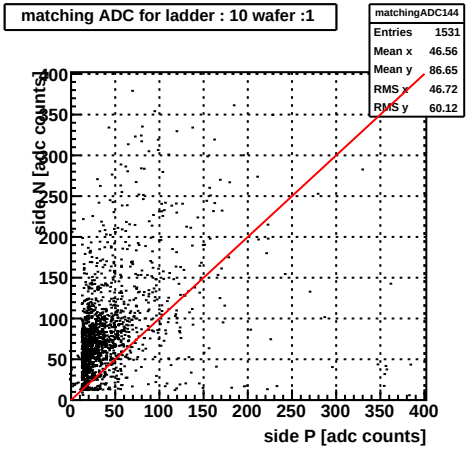

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 5110
Mean x 81.75
Mean y 90.94
RMS x 52.51
RMS y 59.69
side N [adc counts]
side P [adc counts]

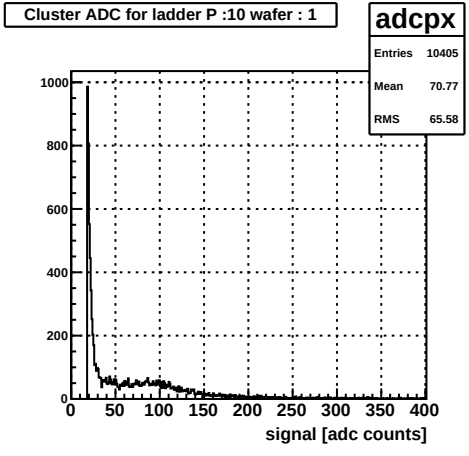

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 17123
Mean 74.91
RMS 56.27
signal [adc counts]

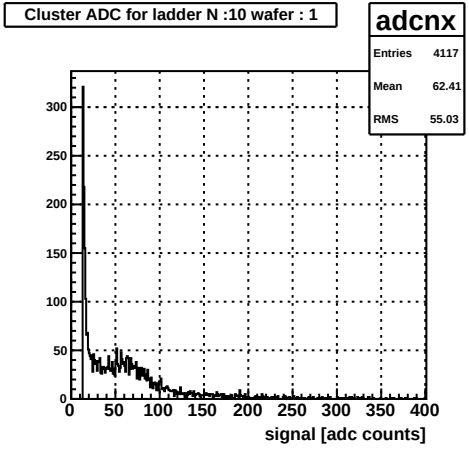

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 13698
Mean 48.75
RMS 53.01
signal [adc counts]

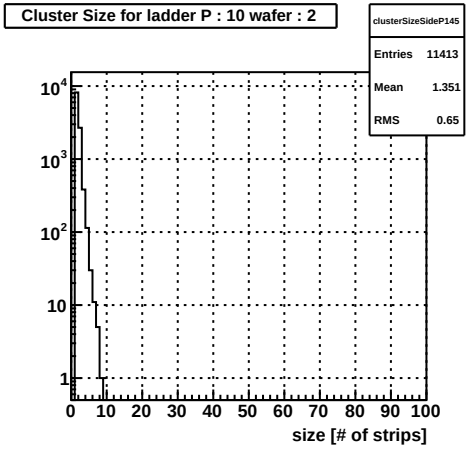

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 10405
Mean 1.348
RMS 0.6676
size [# of strips]

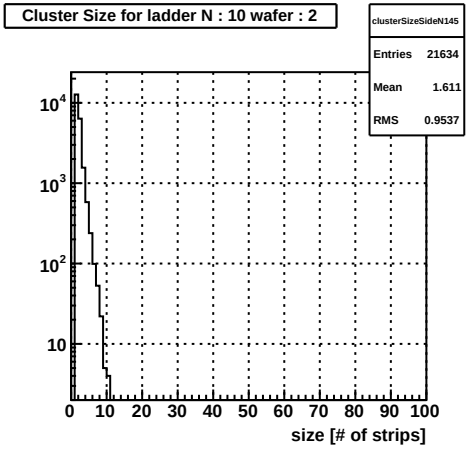

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 4117
Mean 1.588
RMS 0.8381
size [# of strips]

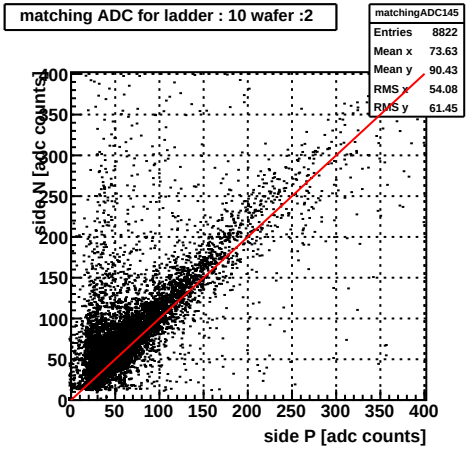

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1531
Mean x 46.56
Mean y 86.65
RMS x 46.72
RMS y 60.12
side N [adc counts]
side P [adc counts]

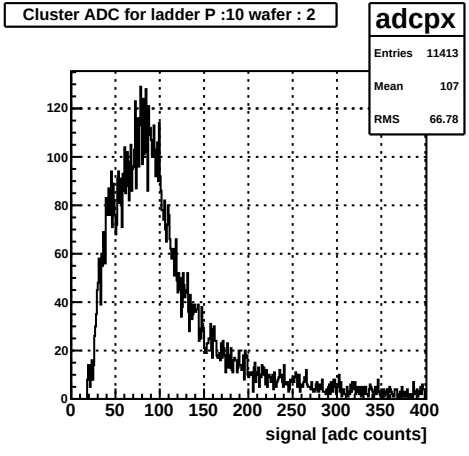

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 10405
Mean 70.77
RMS 65.58
signal [adc counts]

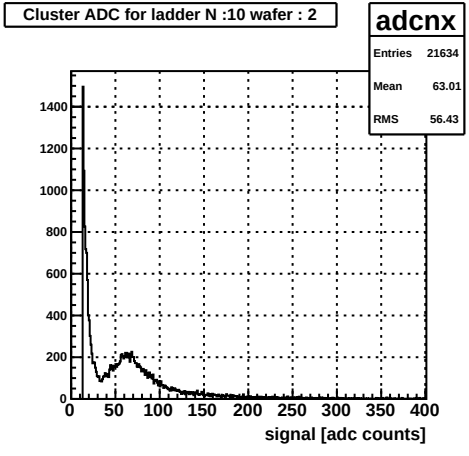

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 4117
Mean 62.41
RMS 55.03
signal [adc counts]

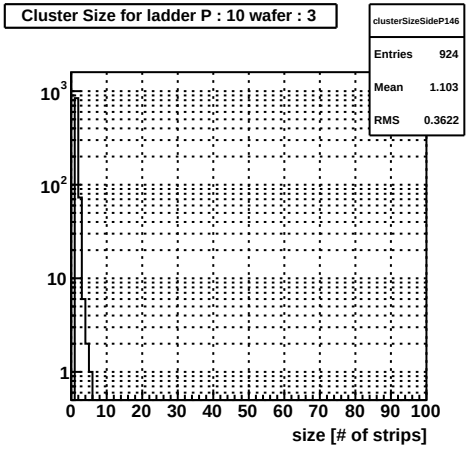

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 11413
Mean 1.351
RMS 0.65
size [# of strips]

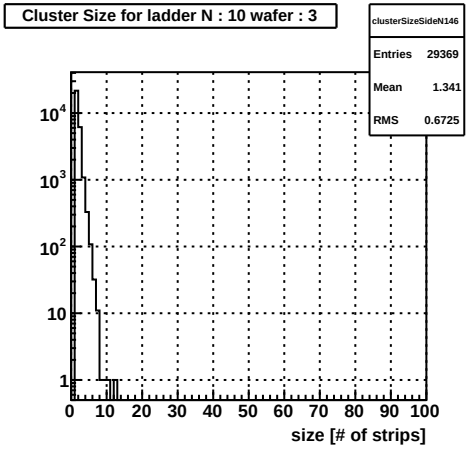

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 21634
Mean 1.611
RMS 0.9537
size [# of strips]

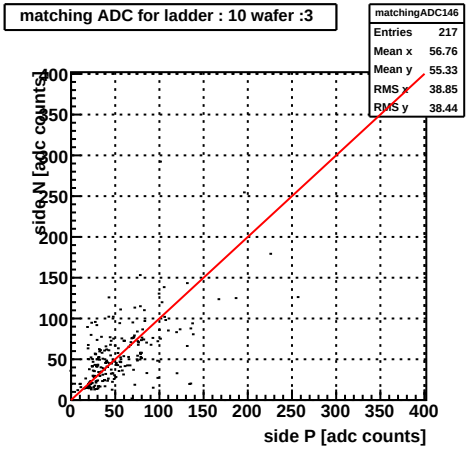

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 8822
Mean x 73.63
Mean y 90.43
RMS x 54.08
RMS y 61.45
side N [adc counts]
side P [adc counts]

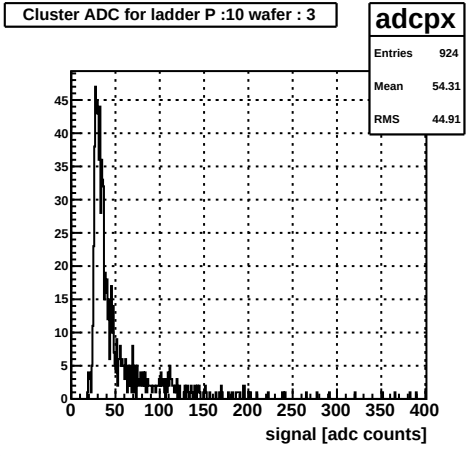

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 11413
Mean 107
RMS 66.78
signal [adc counts]

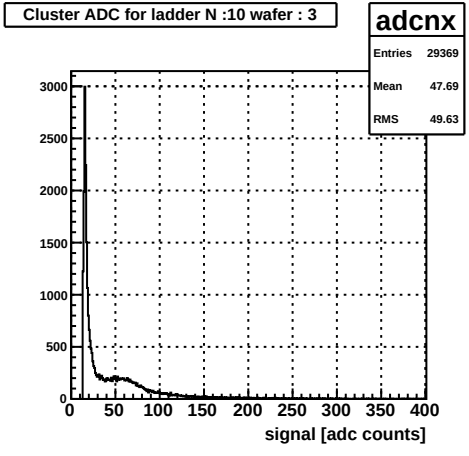

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 21634
Mean 63.01
RMS 56.43
signal [adc counts]

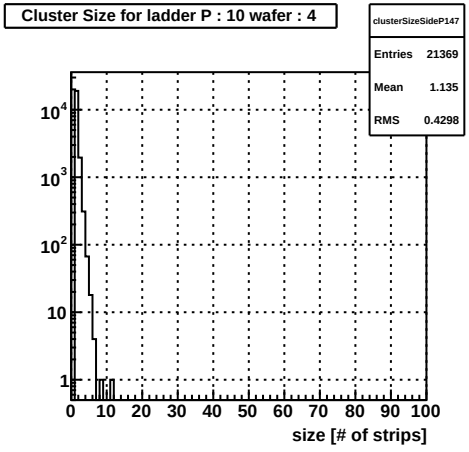

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 924
Mean 1.103
RMS 0.3622
size [# of strips]

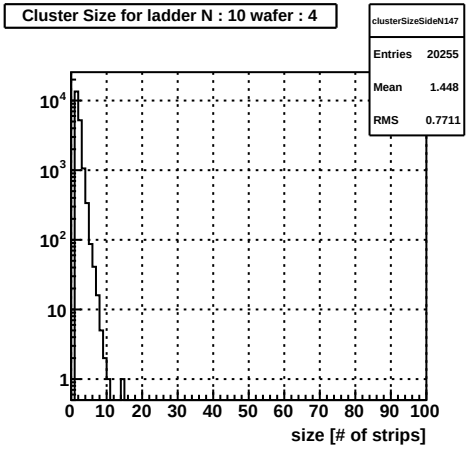

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 29369
Mean 1.341
RMS 0.6725
size [# of strips]

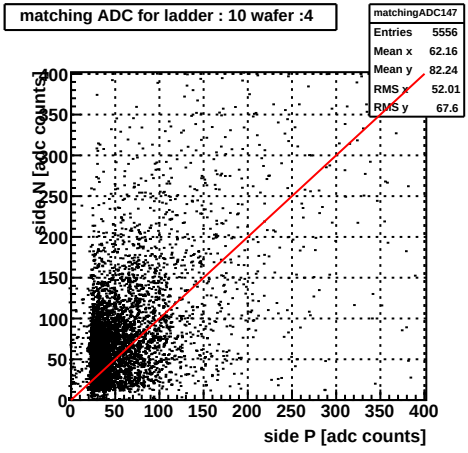

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 217
Mean x 56.76
Mean y 55.33
RMS x 38.85
RMS y 38.44
side N [adc counts]
side P [adc counts]

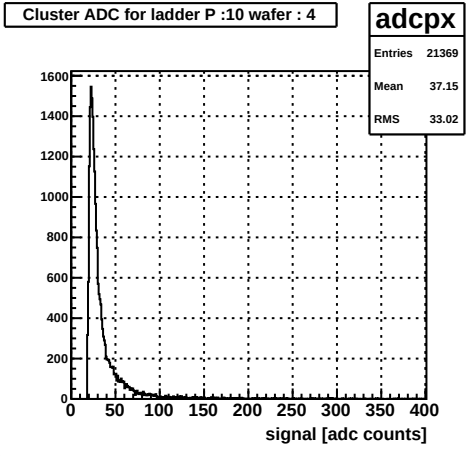

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 924
Mean 54.31
RMS 44.91
signal [adc counts]

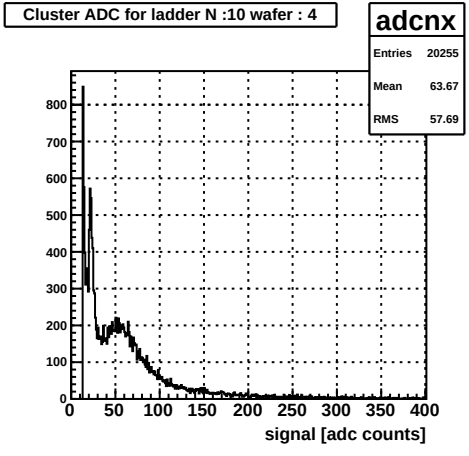

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 29369
Mean 47.69
RMS 49.63
signal [adc counts]

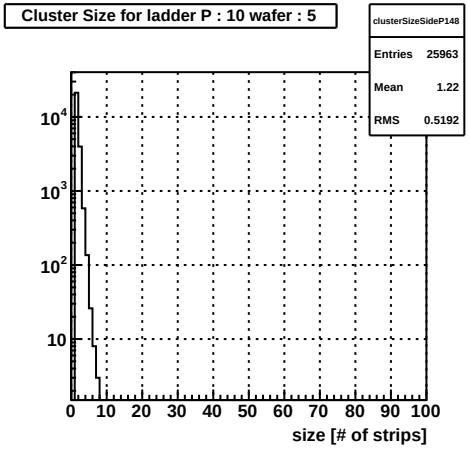

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 21369
Mean 1.135
RMS 0.4298
size [# of strips]

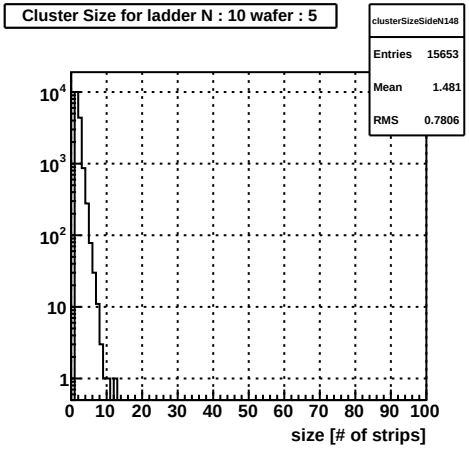

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 20255
Mean 1.448
RMS 0.7711
size [# of strips]

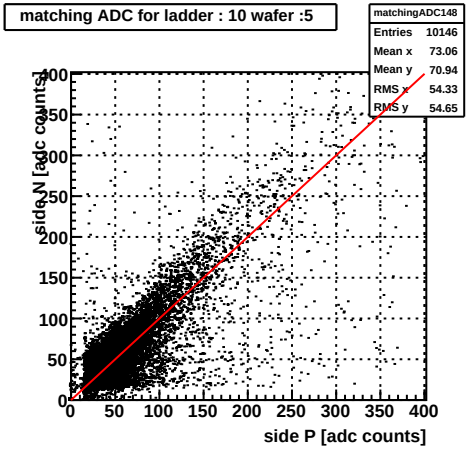

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 5556
Mean x 62.16
Mean y 82.24
RMS x 52.01
RMS y 67.6
side N [adc counts]
side P [adc counts]

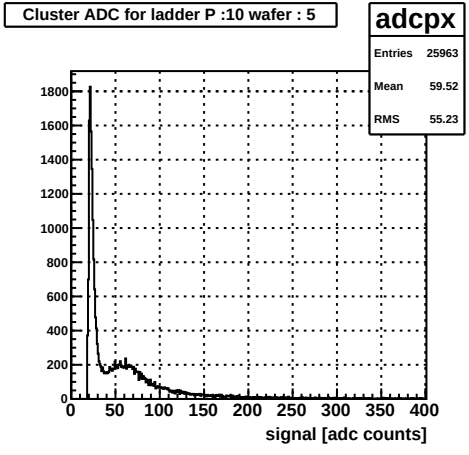

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 21369
Mean 37.15
RMS 33.02
signal [adc counts]

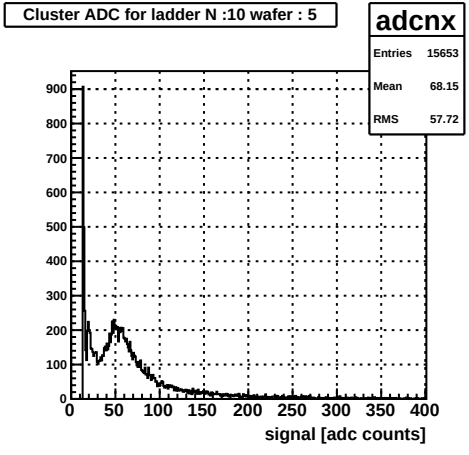

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 20255
Mean 63.67
RMS 57.69
signal [adc counts]

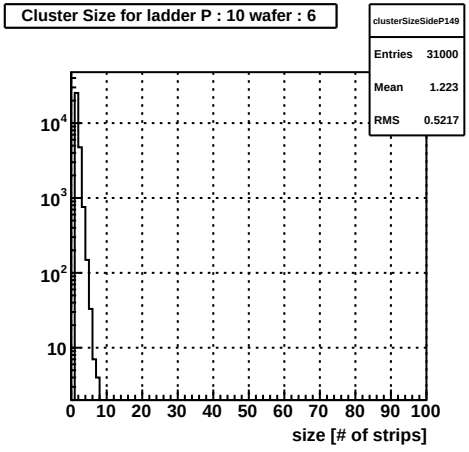

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 25963
Mean 1.22
RMS 0.5192
size [# of strips]

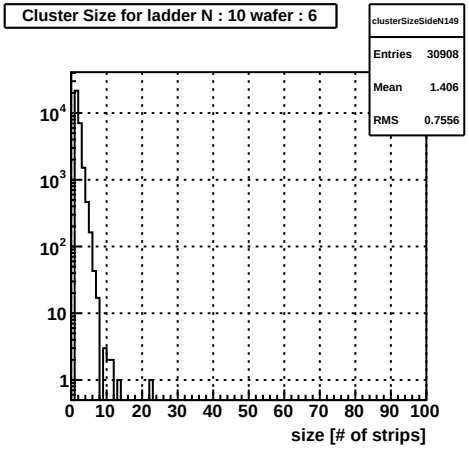

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 15653
Mean 1.481
RMS 0.7806
size [# of strips]

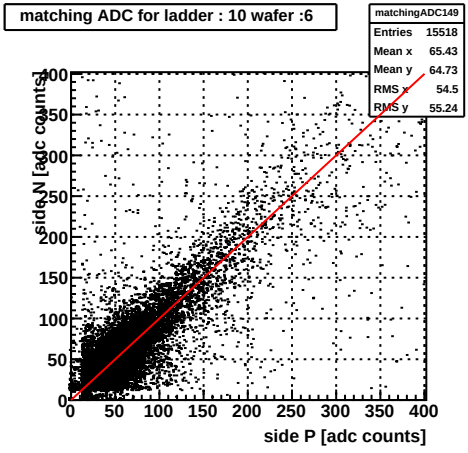

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 10146
Mean x 73.06
Mean y 70.94
RMS x 54.33
RMS y 54.65
side N [adc counts]
side P [adc counts]

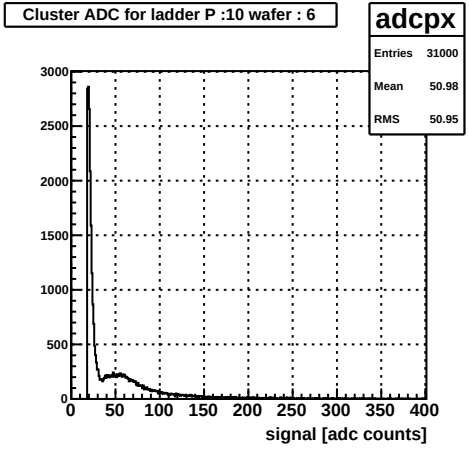

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 25963
Mean 59.52
RMS 55.23
signal [adc counts]

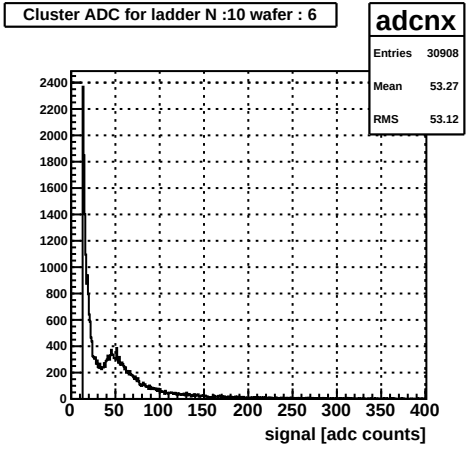

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 15653
Mean 68.15
RMS 57.72
signal [adc counts]

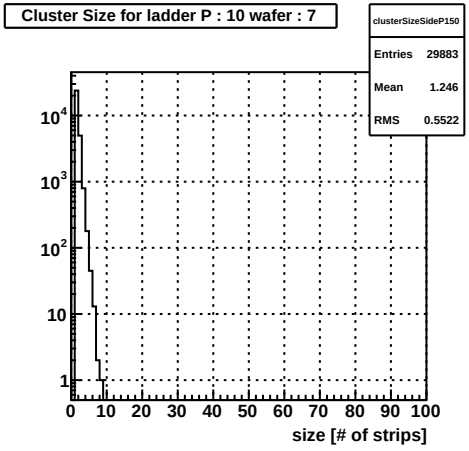

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 31000
Mean 1.223
RMS 0.5217
size [# of strips]

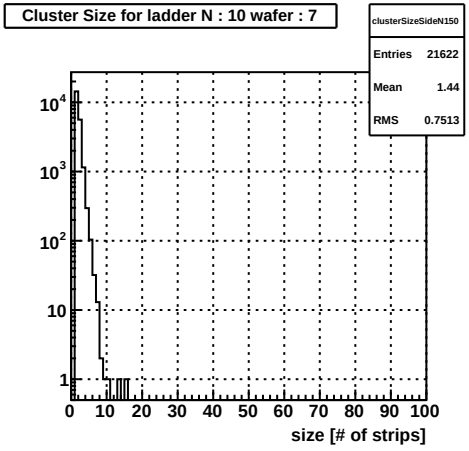

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 30908
Mean 1.406
RMS 0.7556
size [# of strips]

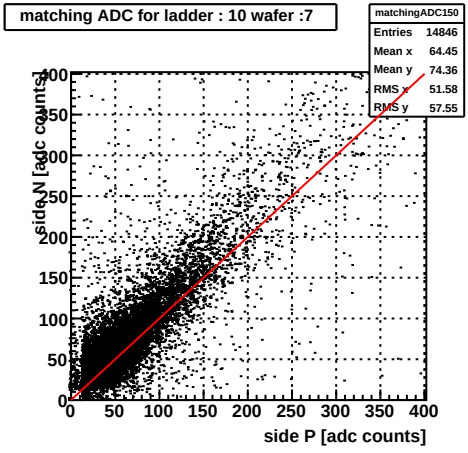

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 15518
Mean x 65.43
Mean y 64.73
RMS x 54.5
RMS y 55.24
side N [adc counts]
side P [adc counts]

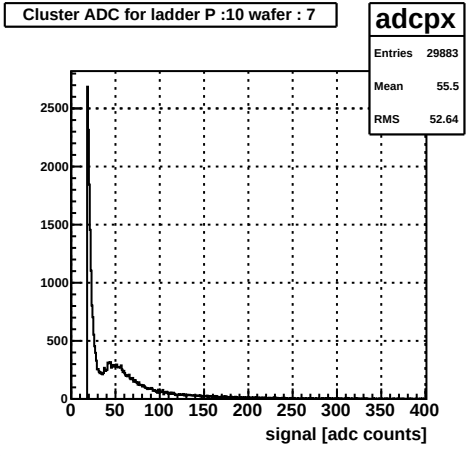

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 31000
Mean 50.98
RMS 50.95
signal [adc counts]

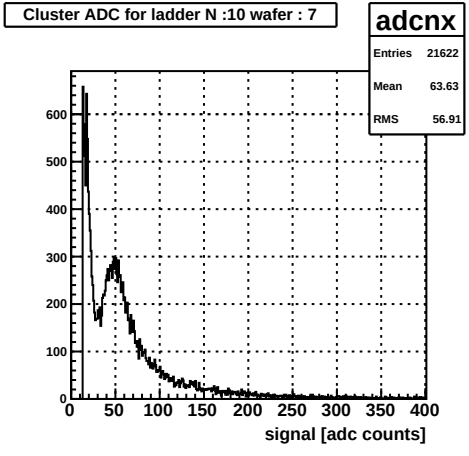

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 30908
Mean 53.27
RMS 53.12
signal [adc counts]

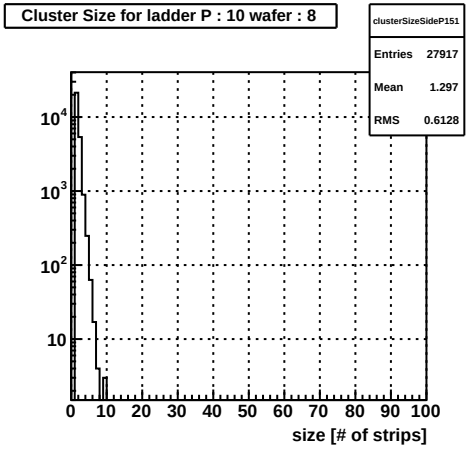

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 29883
Mean 1.246
RMS 0.5522
size [# of strips]

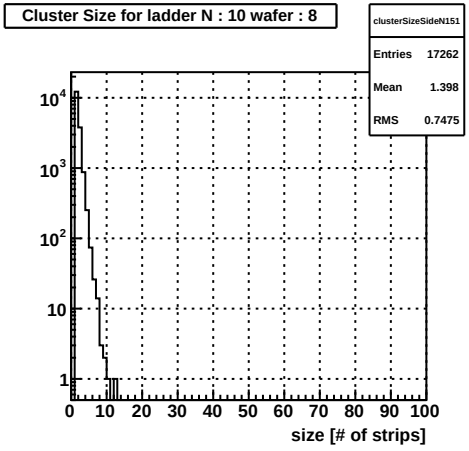

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 21622
Mean 1.44
RMS 0.7513
size [# of strips]

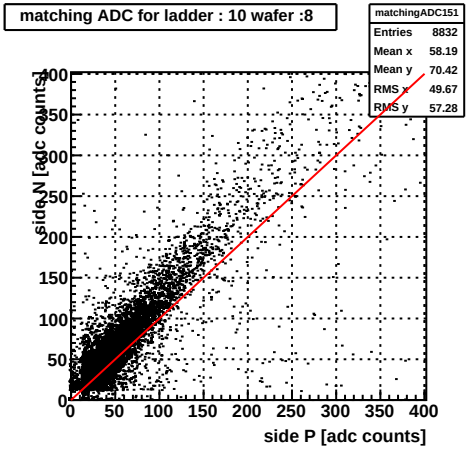

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 14846
Mean x 64.45
Mean y 74.36
RMS x 51.58
RMS y 57.55
side N [adc counts]
side P [adc counts]

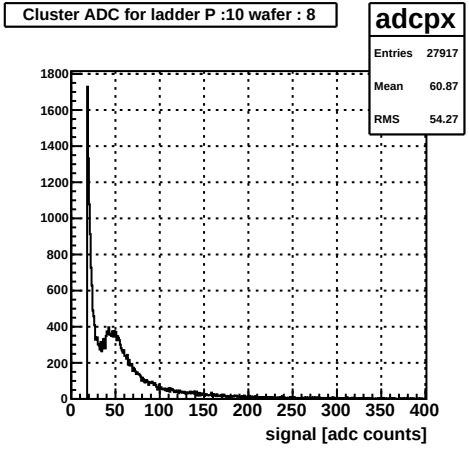

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 29883
Mean 55.5
RMS 52.64
signal [adc counts]

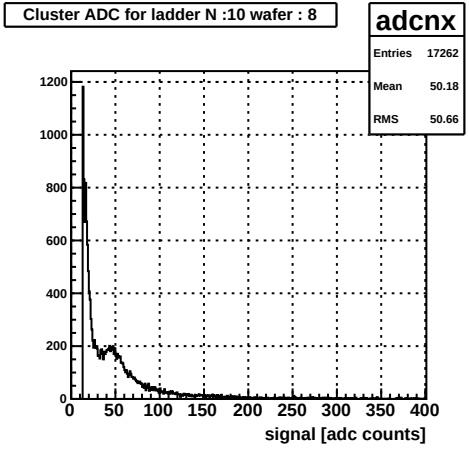

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 21622
Mean 63.63
RMS 56.91
signal [adc counts]

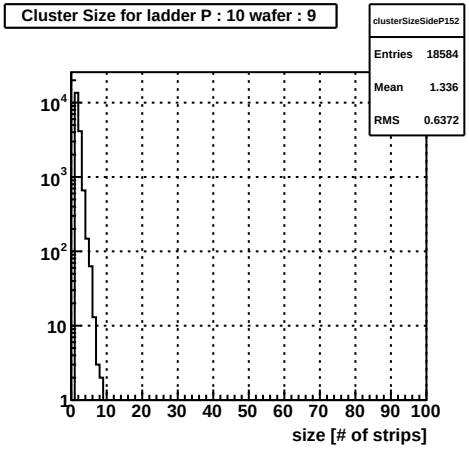

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 27917
Mean 1.297
RMS 0.6128
size [# of strips]

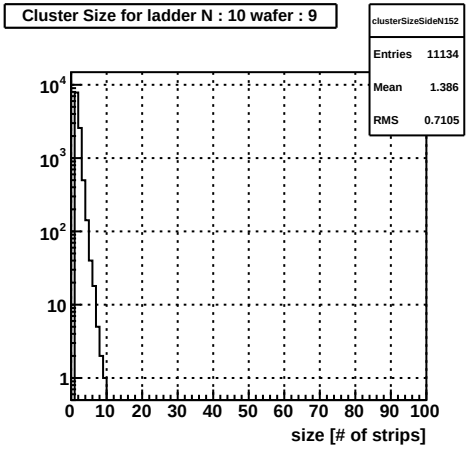

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 17262
Mean 1.398
RMS 0.7475
size [# of strips]

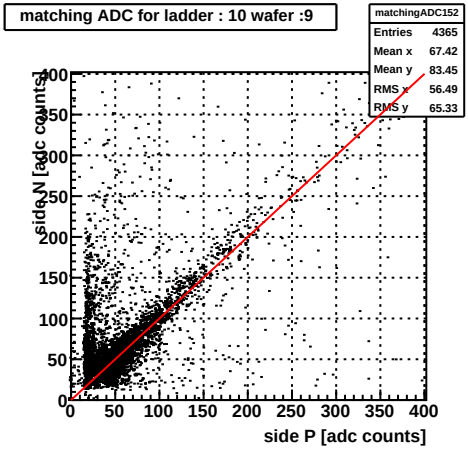

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 8832
Mean x 58.19
Mean y 70.42
RMS x 49.67
RMS y 57.28
side N [adc counts]
side P [adc counts]

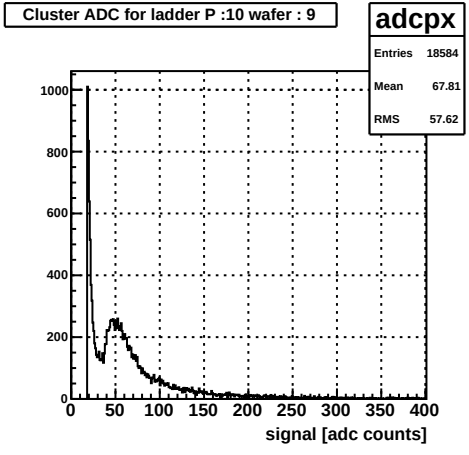

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 27917
Mean 60.87
RMS 54.27
signal [adc counts]

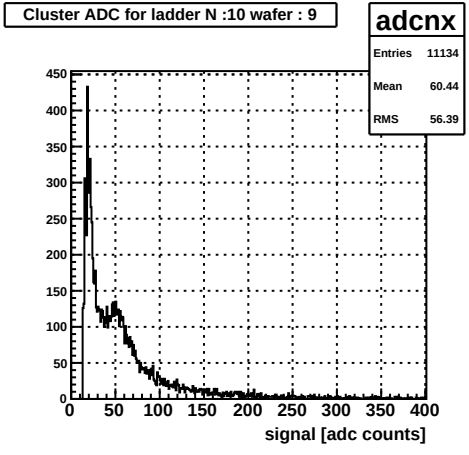

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 17262
Mean 50.18
RMS 50.66
signal [adc counts]

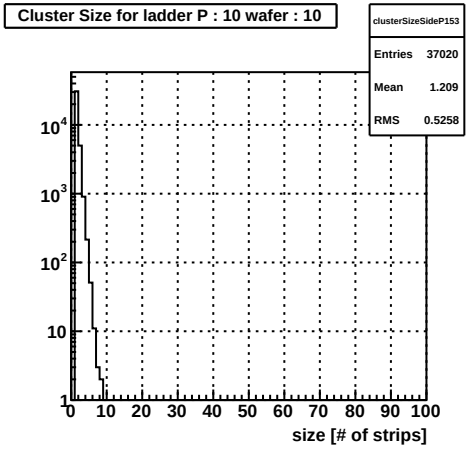

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 18584
Mean 1.336
RMS 0.6372
size [# of strips]

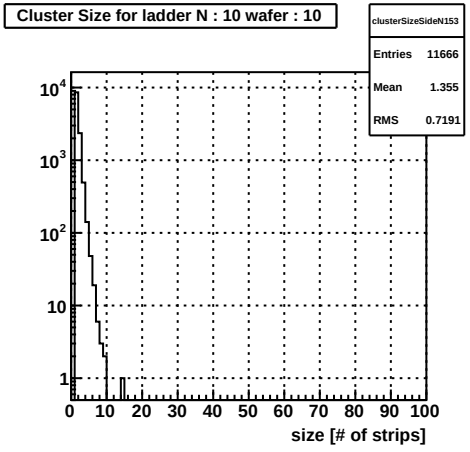

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11134
Mean 1.386
RMS 0.7105
size [# of strips]

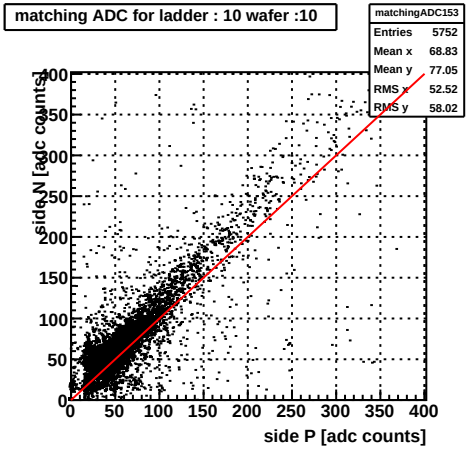

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 4365
Mean x 67.42
Mean y 83.45
RMS x 56.49
RMS y 65.33
side N [adc counts]
side P [adc counts]

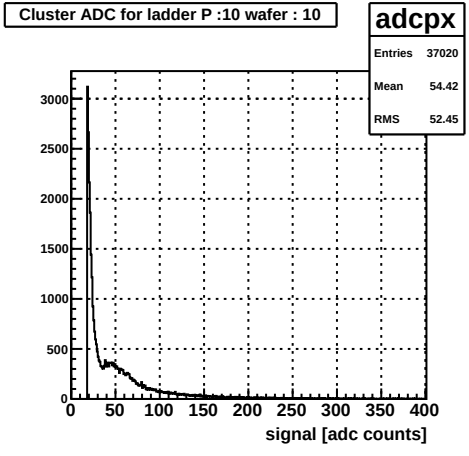

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 18584
Mean 67.81
RMS 57.62
signal [adc counts]

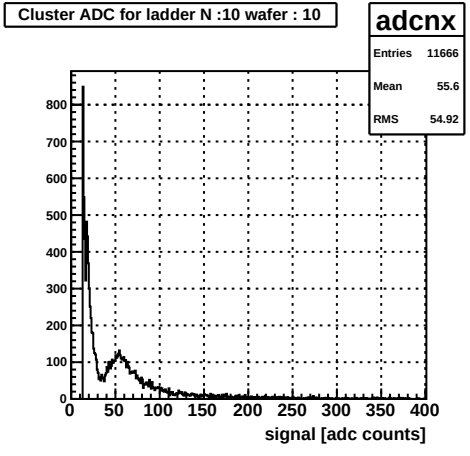

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11134
Mean 60.44
RMS 56.39
signal [adc counts]

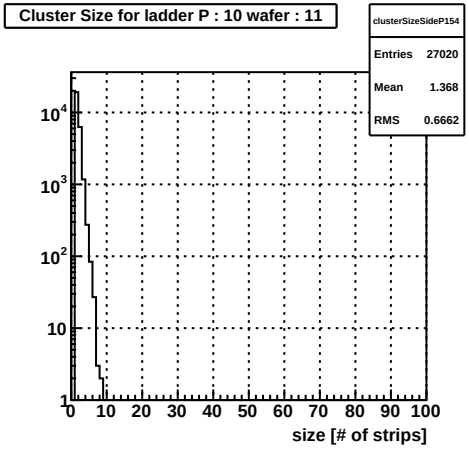

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 37020
Mean 1.209
RMS 0.5258
size [# of strips]

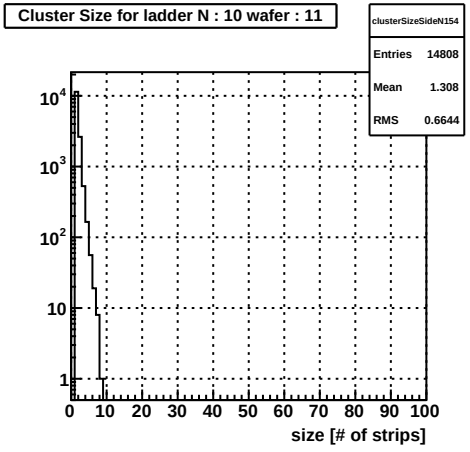

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 11666
Mean 1.355
RMS 0.7191
size [# of strips]

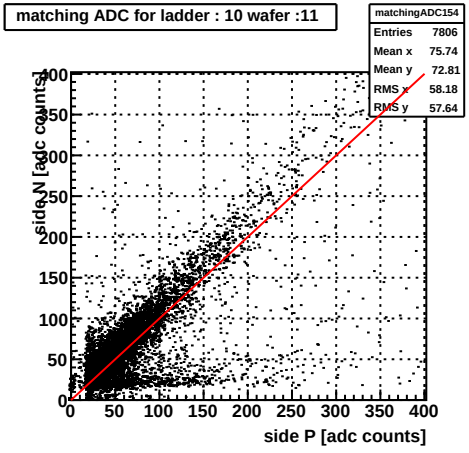

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 5752
Mean x 68.83
Mean y 77.05
RMS x 52.52
RMS y 58.02
side N [adc counts]
side P [adc counts]

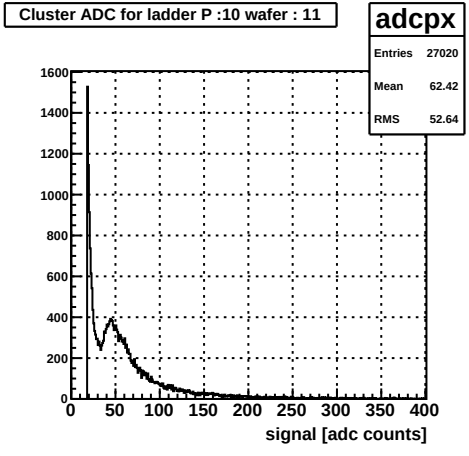

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 37020
Mean 54.42
RMS 52.45
signal [adc counts]

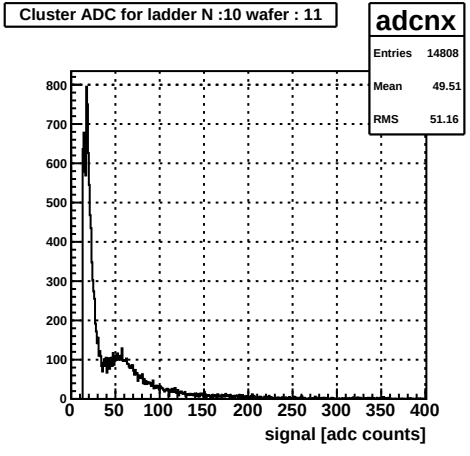

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 11666
Mean 55.6
RMS 54.92
signal [adc counts]

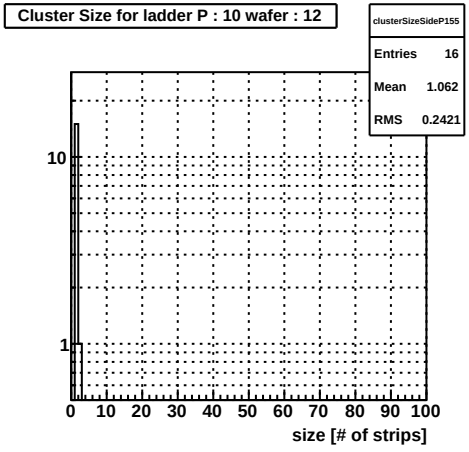

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 27020
Mean 1.368
RMS 0.6662
size [# of strips]

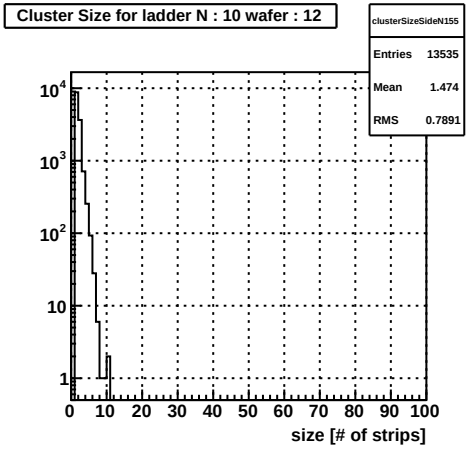

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 14808
Mean 1.308
RMS 0.6644
size [# of strips]

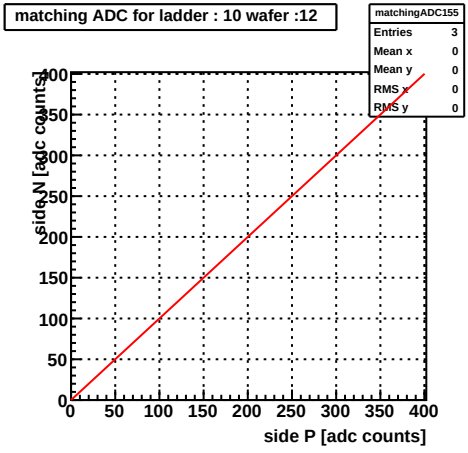

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 7806
Mean x 75.74
Mean y 72.81
RMS x 58.18
RMS y 57.64
side N [adc counts]
side P [adc counts]

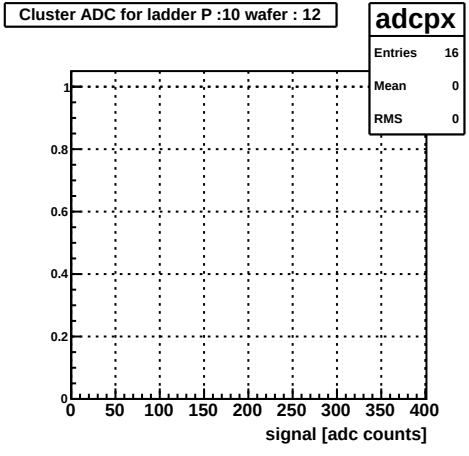

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 27020
Mean 62.42
RMS 52.64
signal [adc counts]

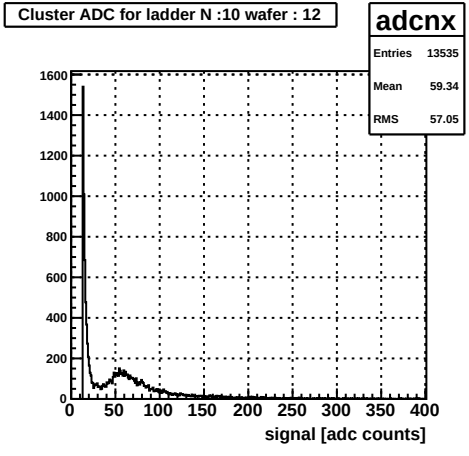

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 14808
Mean 49.51
RMS 51.16
signal [adc counts]

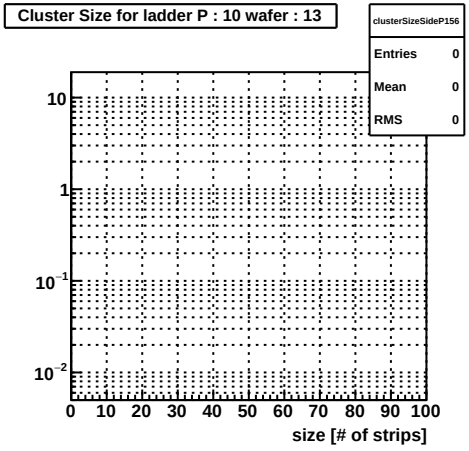

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

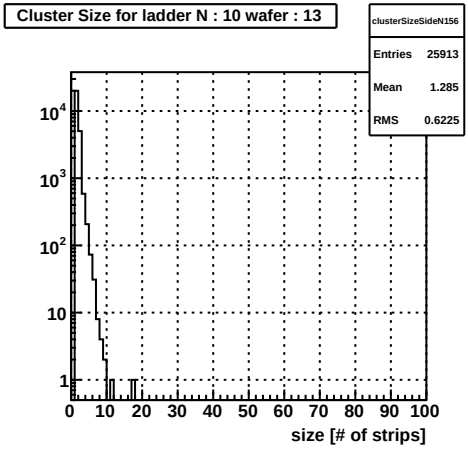

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 13535
Mean 1.474
RMS 0.7891
size [# of strips]

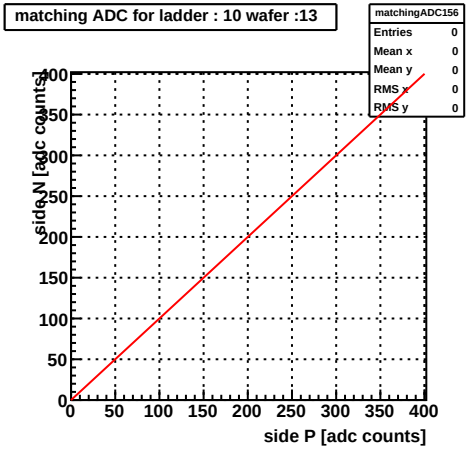

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

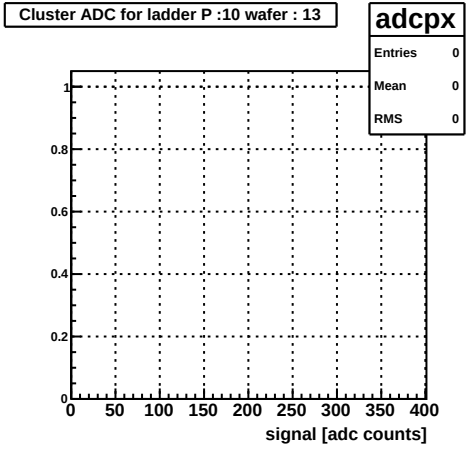

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

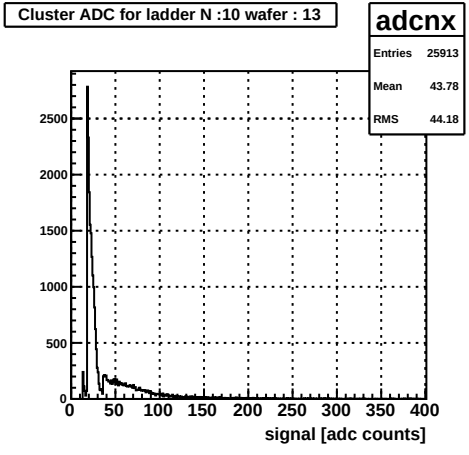

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 13535
Mean 59.34
RMS 57.05
signal [adc counts]

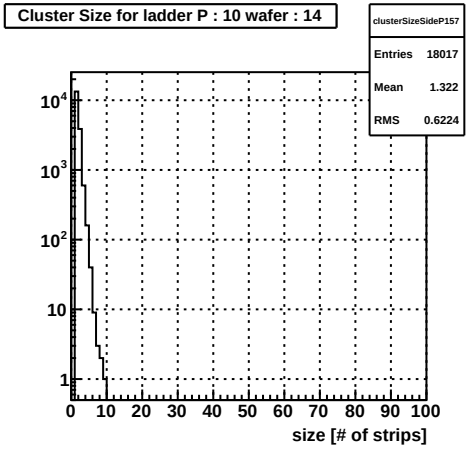

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

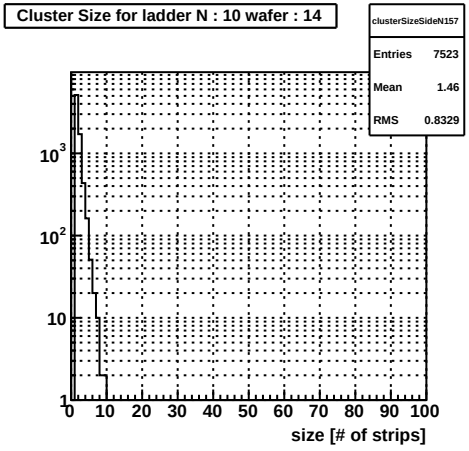

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 25913
Mean 1.285
RMS 0.6225
size [# of strips]

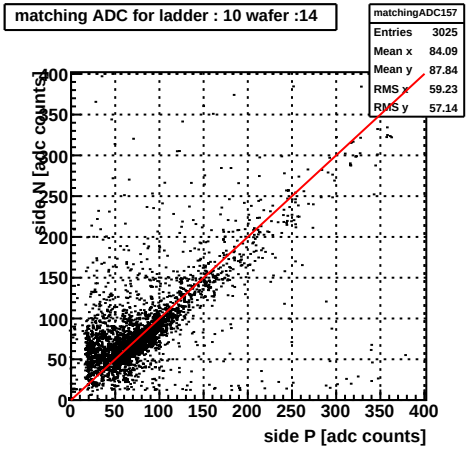

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

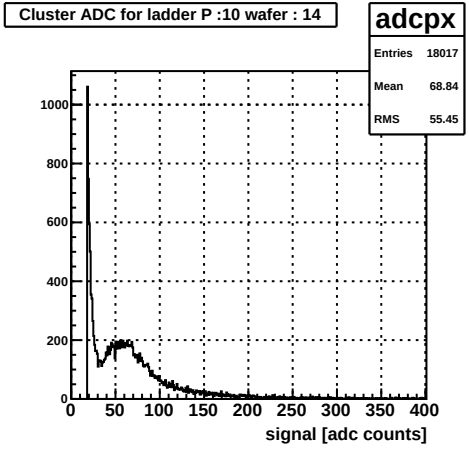

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

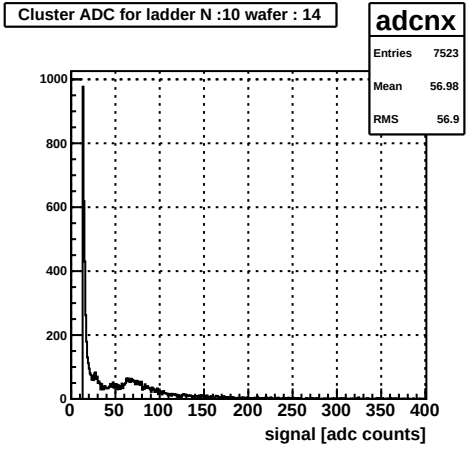

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 25913
Mean 43.78
RMS 44.18
signal [adc counts]

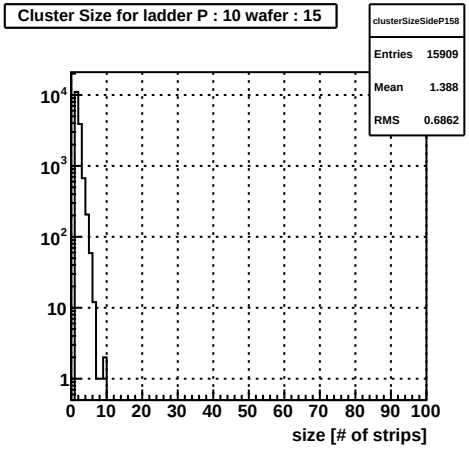

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 18017
Mean 1.322
RMS 0.6224
size [# of strips]

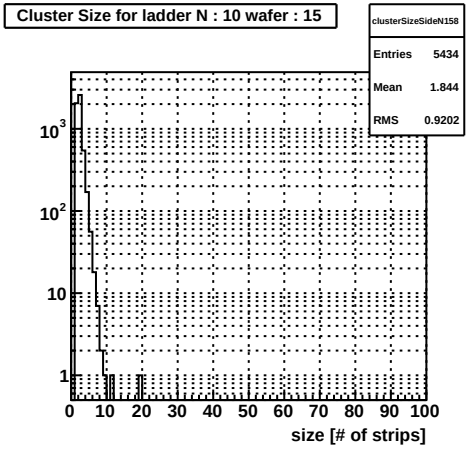

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 7523
Mean 1.46
RMS 0.8329
size [# of strips]

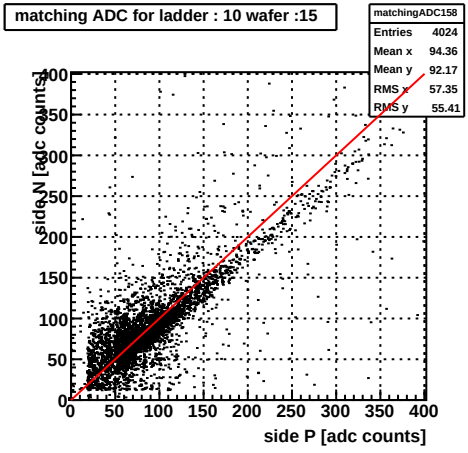

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3025
Mean x 84.09
Mean y 87.84
RMS x 59.23
RMS y 57.14
side N [adc counts]
side P [adc counts]

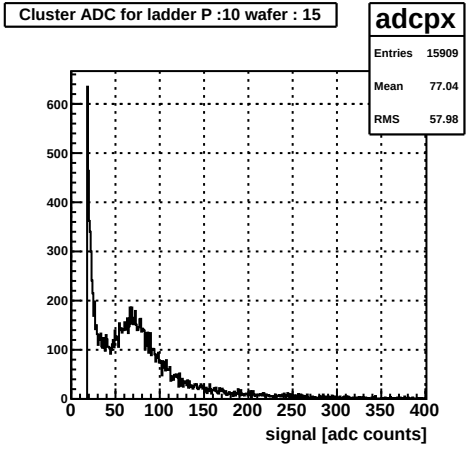

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 18017
Mean 68.84
RMS 55.45
signal [adc counts]

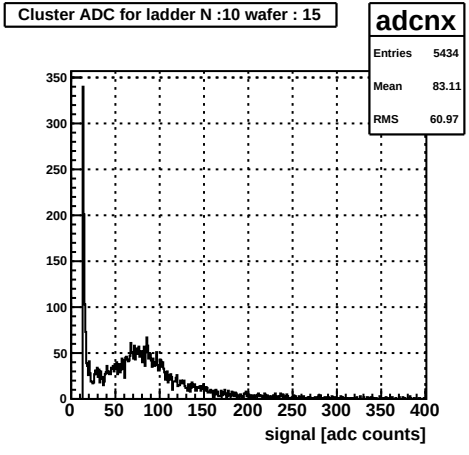

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 7523
Mean 56.98
RMS 56.9
signal [adc counts]

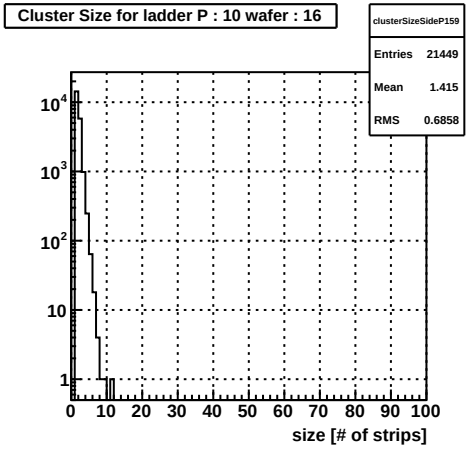

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 15909
Mean 1.388
RMS 0.6862
size [# of strips]

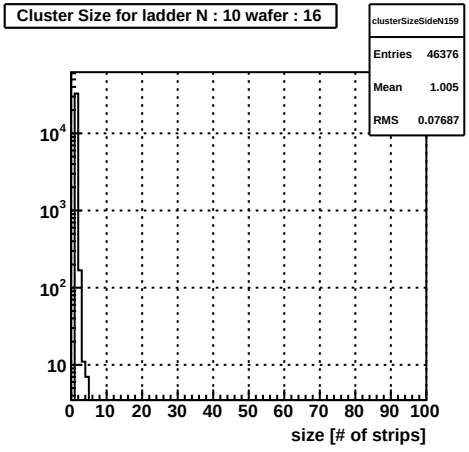

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 5434
Mean 1.844
RMS 0.9202
size [# of strips]

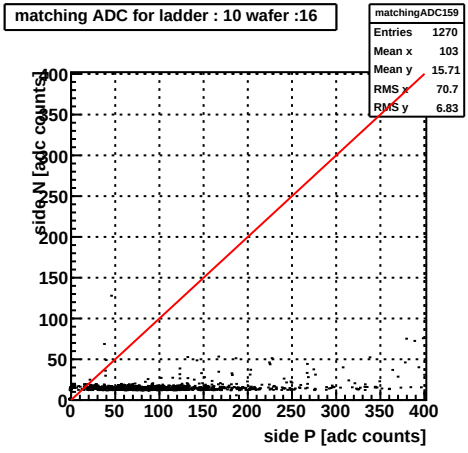

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 4024
Mean x 94.36
Mean y 92.17
RMS x 57.35
RMS y 55.41
side N [adc counts]
side P [adc counts]

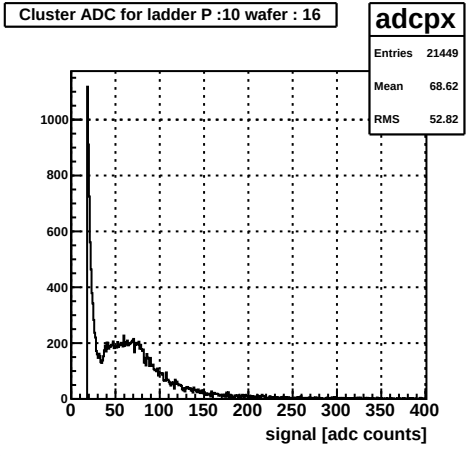

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 15909
Mean 77.04
RMS 57.98
signal [adc counts]

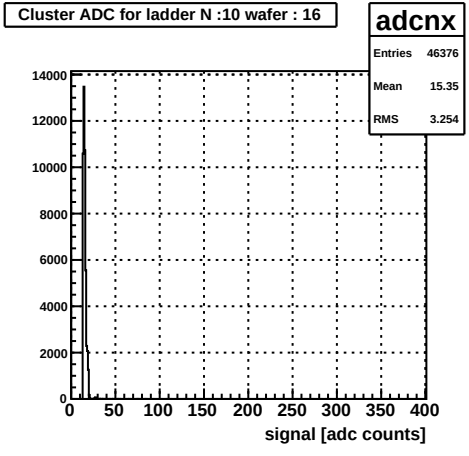

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 5434
Mean 83.11
RMS 60.97
signal [adc counts]

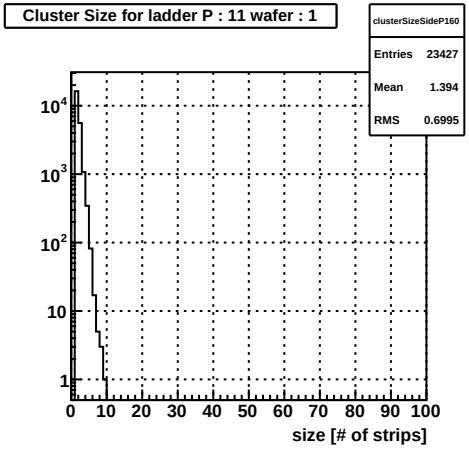

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 21449
Mean 1.415
RMS 0.6858
size [# of strips]

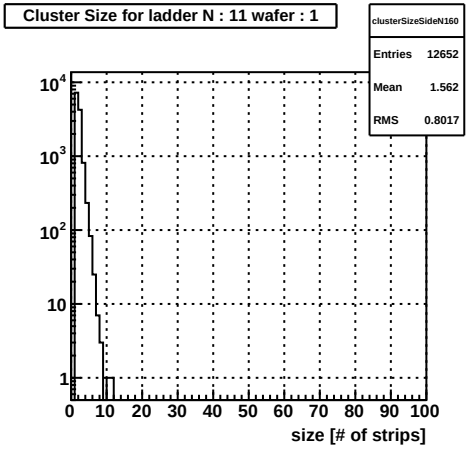

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 46376
Mean 1.005
RMS 0.07687
size [# of strips]

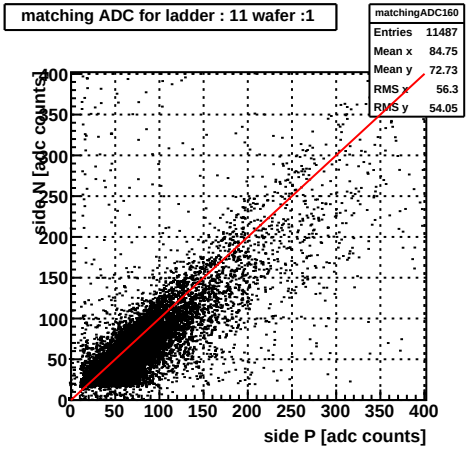

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1270
Mean x 103
Mean y 15.71
RMS x 70.7
RMS y 6.83
side N [adc counts]
side P [adc counts]

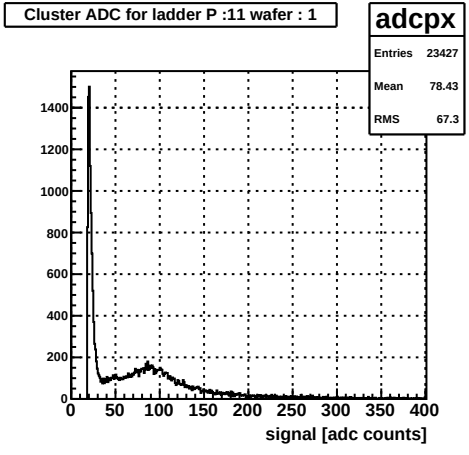

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 21449
Mean 68.62
RMS 52.82
signal [adc counts]

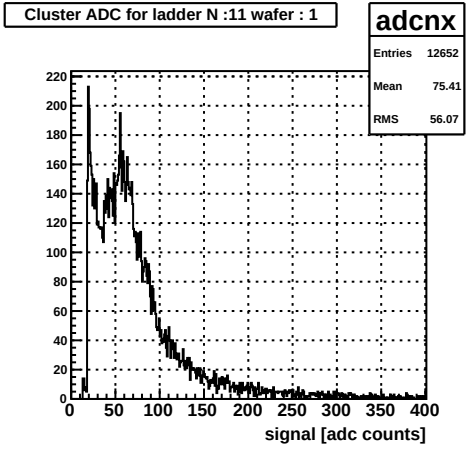

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 46376
Mean 15.35
RMS 3.254
signal [adc counts]

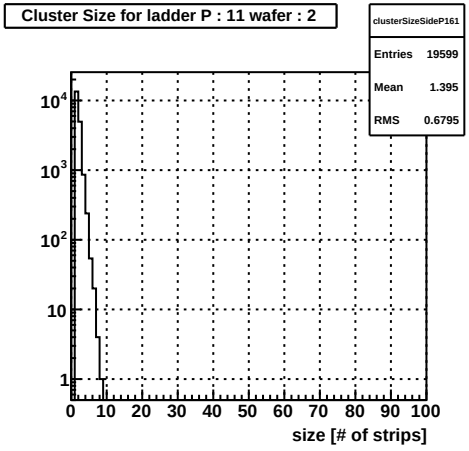

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 23427
Mean 1.394
RMS 0.6995
size [# of strips]

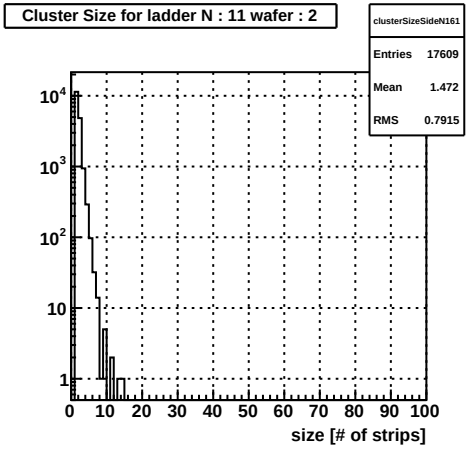

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 12652
Mean 1.562
RMS 0.8017
size [# of strips]

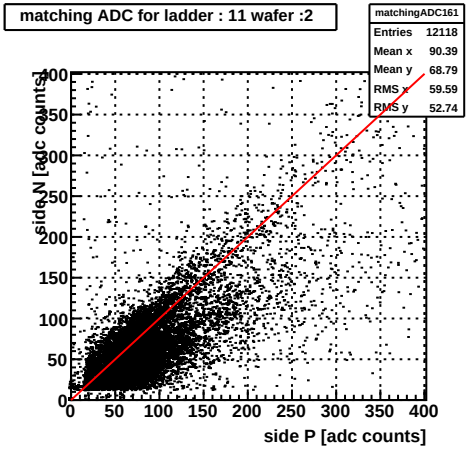

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 11487
Mean x 84.75
Mean y 72.73
RMS x 56.3
RMS y 54.05
side N [adc counts]
side P [adc counts]

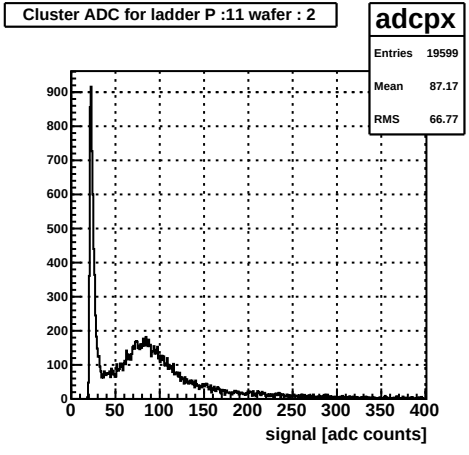

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 23427
Mean 78.43
RMS 67.3
signal [adc counts]

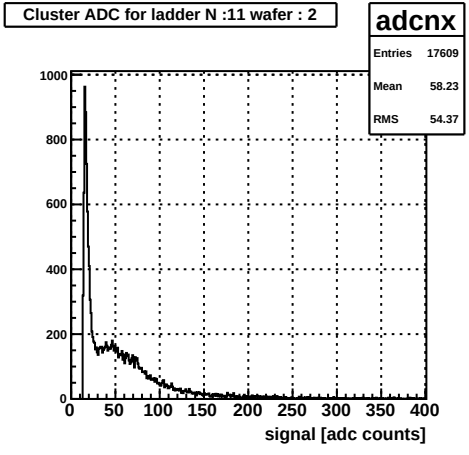

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 12652
Mean 75.41
RMS 56.07
signal [adc counts]

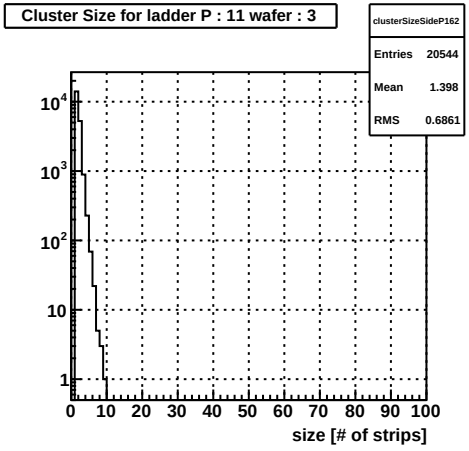

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 19599
Mean 1.395
RMS 0.6795
size [# of strips]

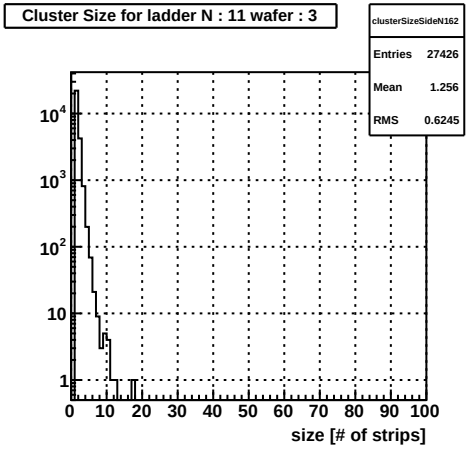

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 17609
Mean 1.472
RMS 0.7915
size [# of strips]

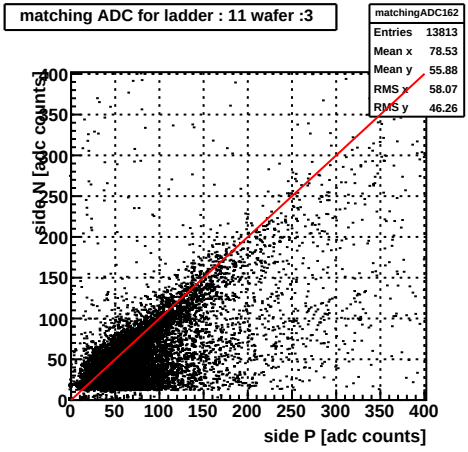

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 12118
Mean x 90.39
Mean y 68.79
RMS x 59.59
RMS y 52.74
side N [adc counts]
side P [adc counts]

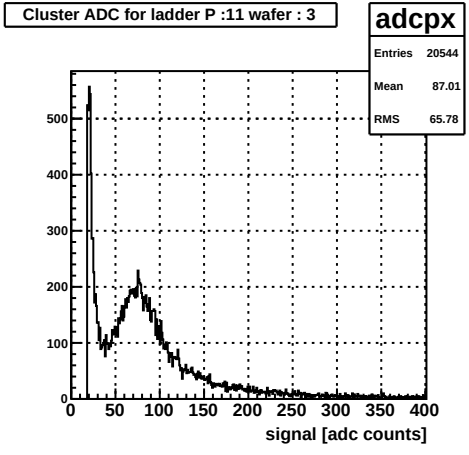

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 19599
Mean 87.17
RMS 66.77
signal [adc counts]

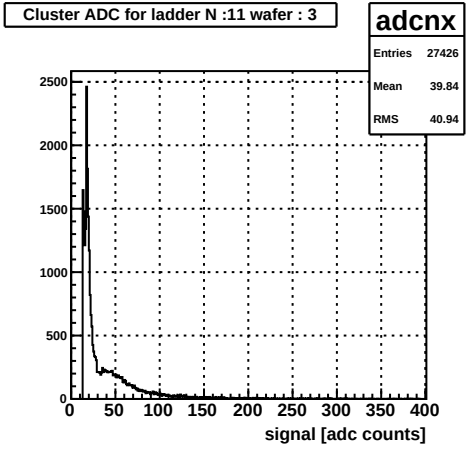

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 17609
Mean 58.23
RMS 54.37
signal [adc counts]

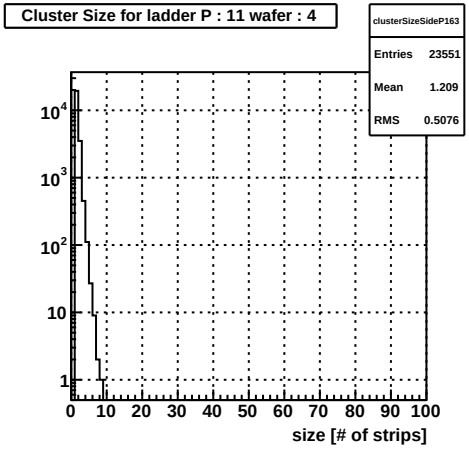

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 20544
Mean 1.398
RMS 0.6861
size [# of strips]

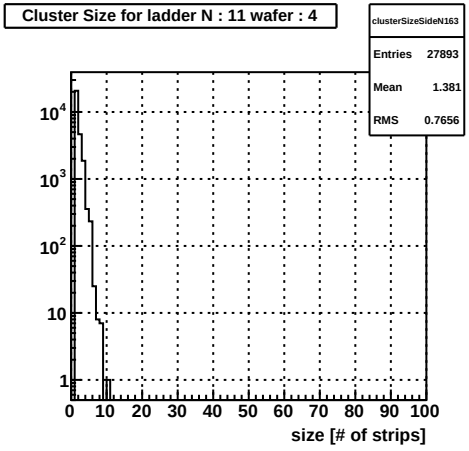

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 27426
Mean 1.256
RMS 0.6245
size [# of strips]

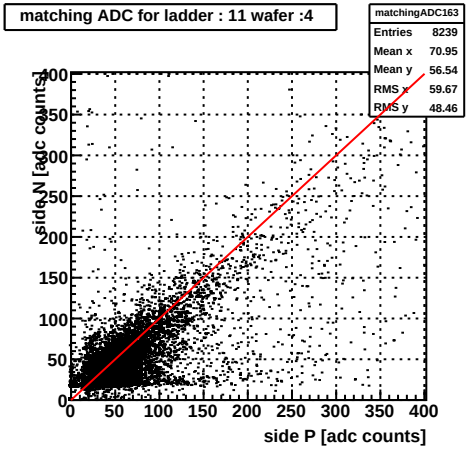

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 13813
Mean x 78.53
Mean y 55.88
RMS x 58.07
RMS y 46.26
side N [adc counts]
side P [adc counts]

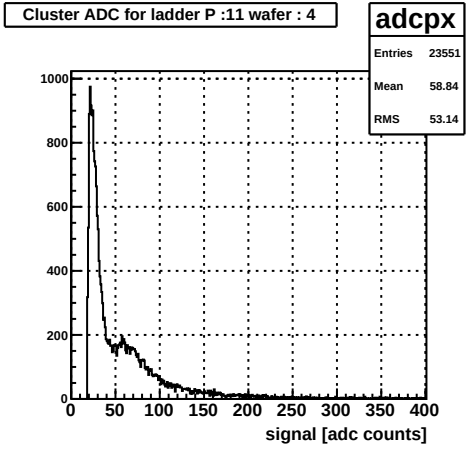

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 20544
Mean 87.01
RMS 65.78
signal [adc counts]

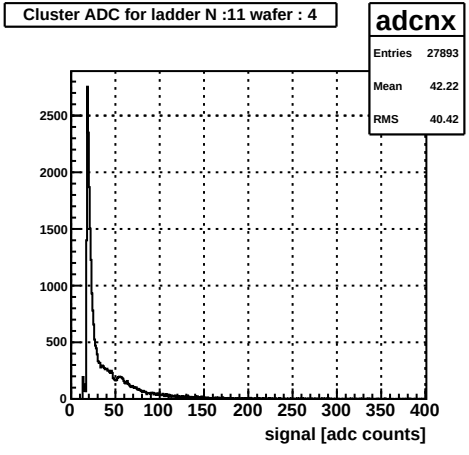

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 27426
Mean 39.84
RMS 40.94
signal [adc counts]

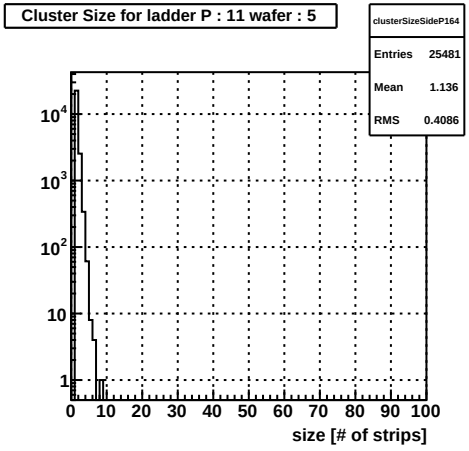

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 23551
Mean 1.209
RMS 0.5076
size [# of strips]

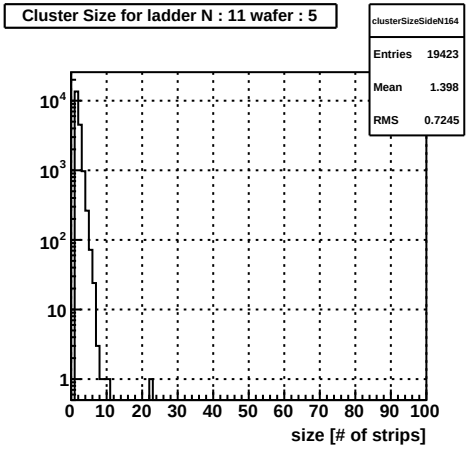

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 27893
Mean 1.381
RMS 0.7656
size [# of strips]

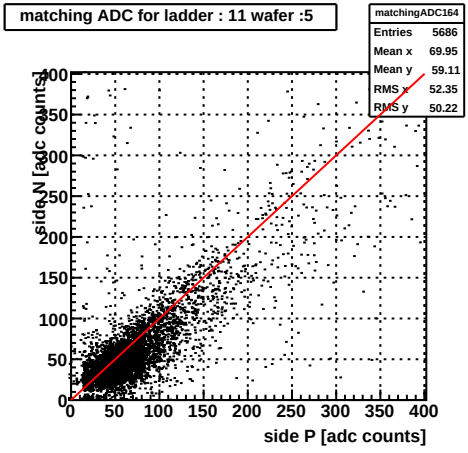

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 8239
Mean x 70.95
Mean y 56.54
RMS x 59.67
RMS y 48.46
side N [adc counts]
side P [adc counts]

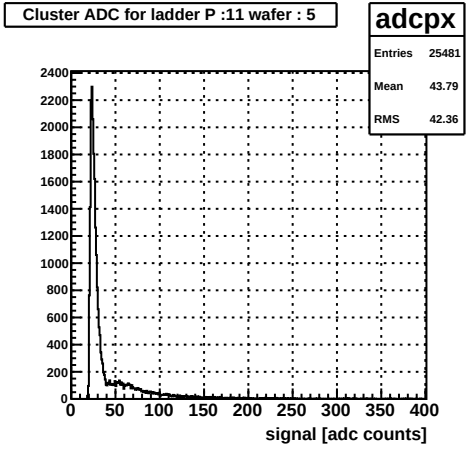

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 23551
Mean 58.84
RMS 53.14
signal [adc counts]

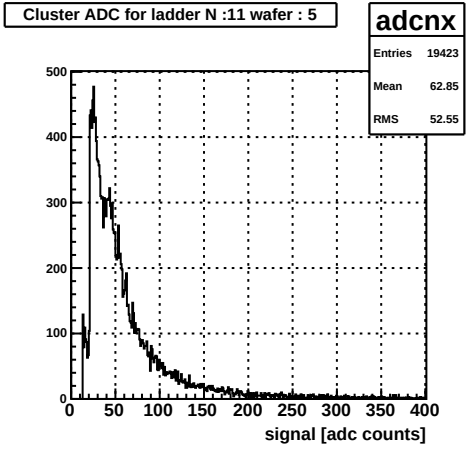

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 27893
Mean 42.22
RMS 40.42
signal [adc counts]

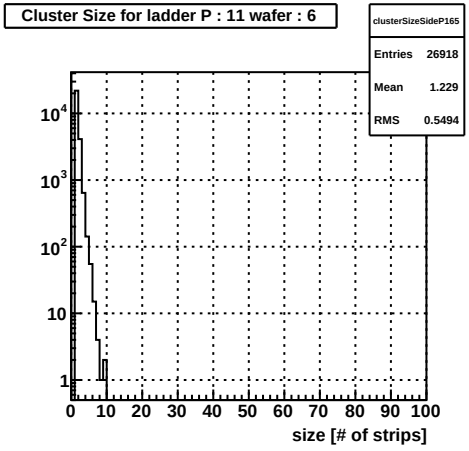

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 25481
Mean 1.136
RMS 0.4086
size [# of strips]

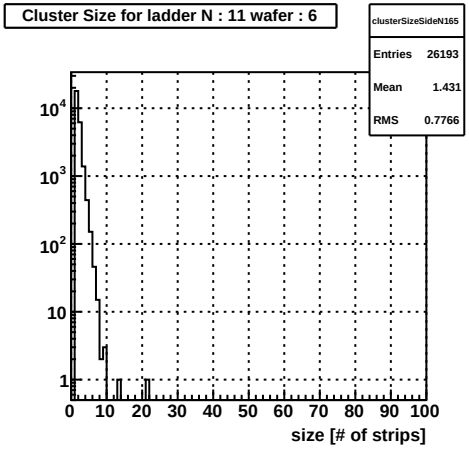

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 19423
Mean 1.398
RMS 0.7245
size [# of strips]

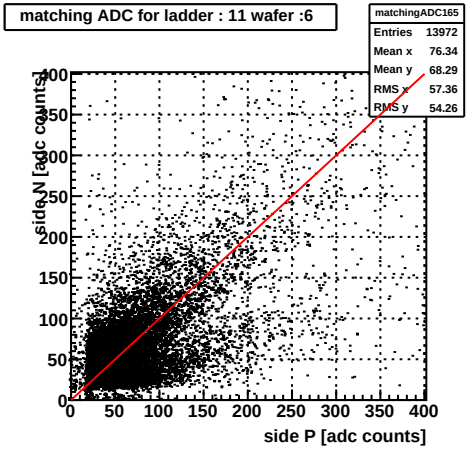

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 5686
Mean x 69.95
Mean y 59.11
RMS x 52.35
RMS y 50.22
side N [adc counts]
side P [adc counts]

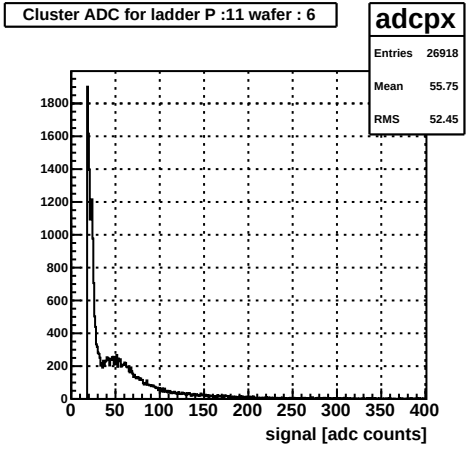

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 25481
Mean 43.79
RMS 42.36
signal [adc counts]

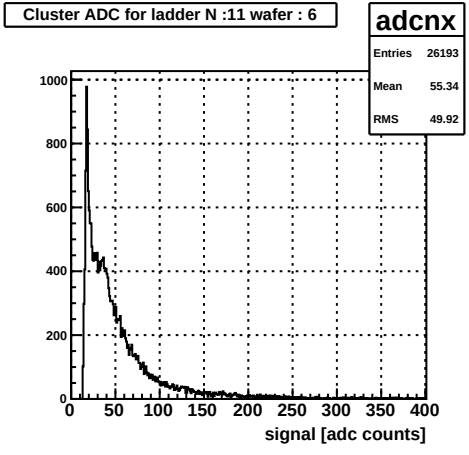

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 19423
Mean 62.85
RMS 52.55
signal [adc counts]

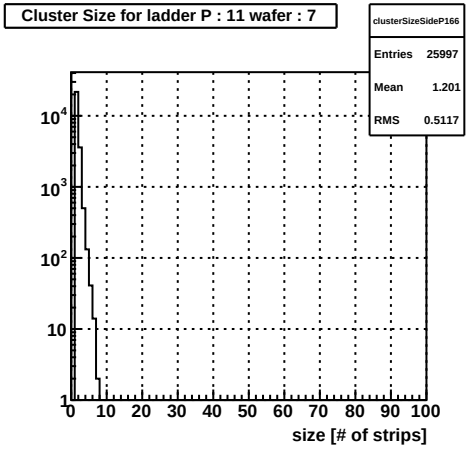

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 26918
Mean 1.229
RMS 0.5494
size [# of strips]

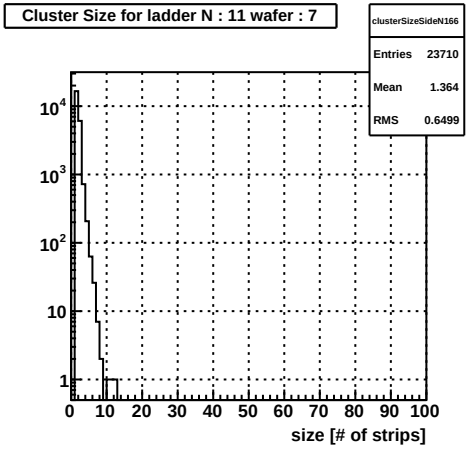

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 26193
Mean 1.431
RMS 0.7766
size [# of strips]

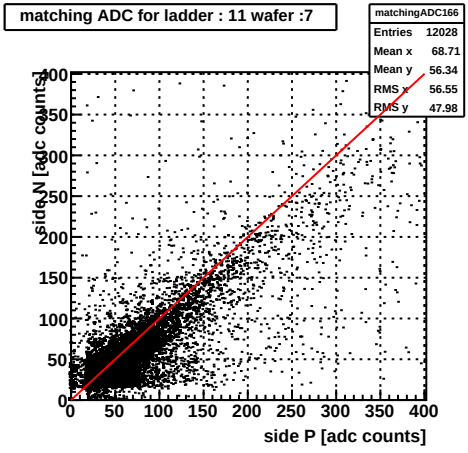

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 13972
Mean x 76.34
Mean y 68.29
RMS x 57.36
RMS y 54.26
side N [adc counts]
side P [adc counts]

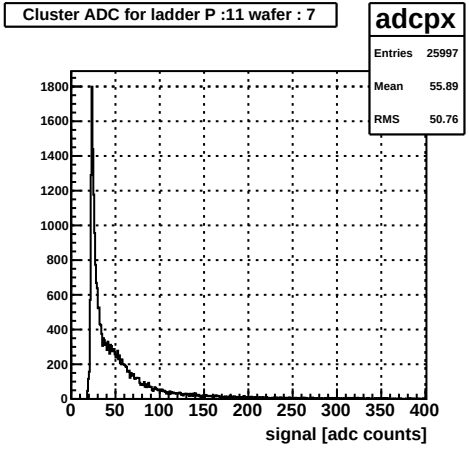

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 26918
Mean 55.75
RMS 52.45
signal [adc counts]

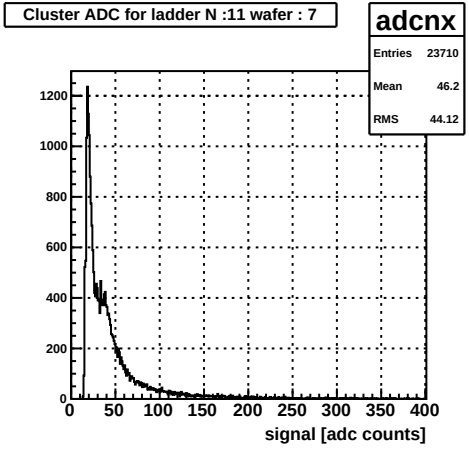

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 26193
Mean 55.34
RMS 49.92
signal [adc counts]

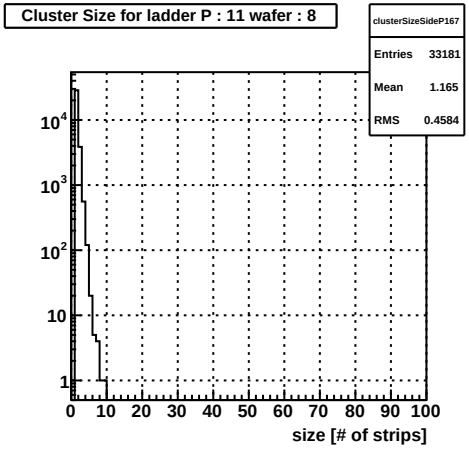

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 25997
Mean 1.201
RMS 0.5117
size [# of strips]

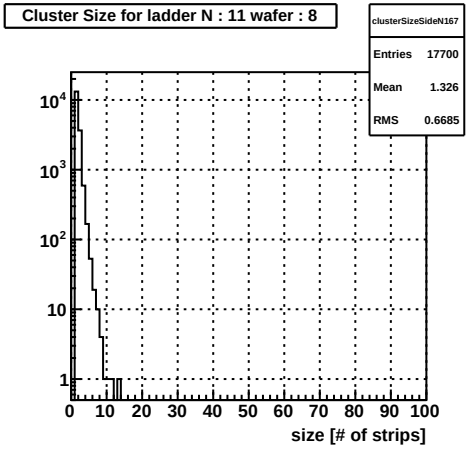

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 23710
Mean 1.364
RMS 0.6499
size [# of strips]

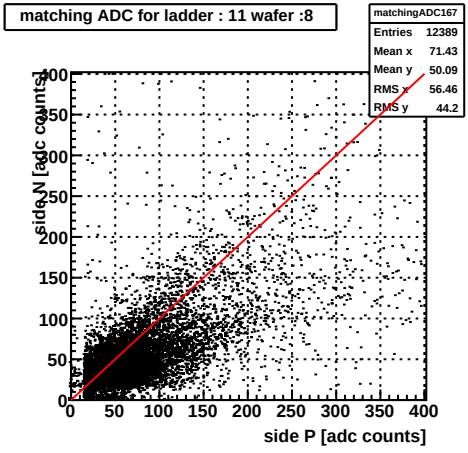

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 12028
Mean x 68.71
Mean y 56.34
RMS x 56.55
RMS y 47.98
side N [adc counts]
side P [adc counts]

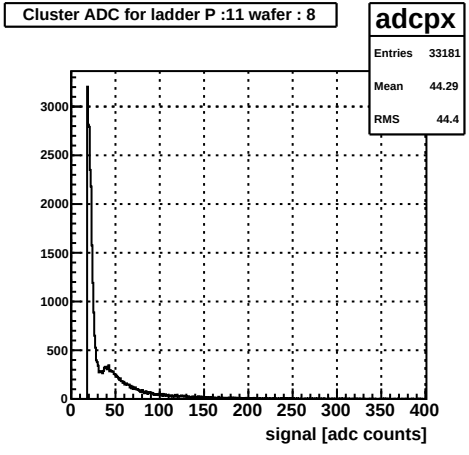

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 25997
Mean 55.89
RMS 50.76
signal [adc counts]

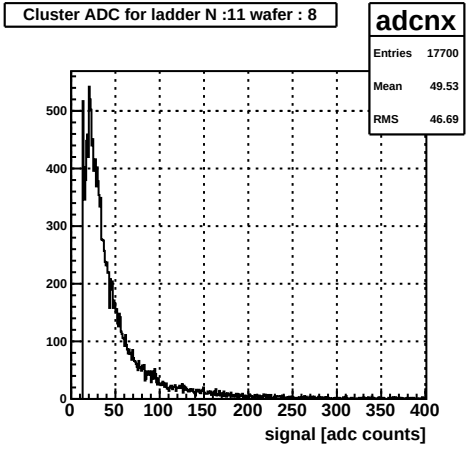

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 23710
Mean 46.2
RMS 44.12
signal [adc counts]

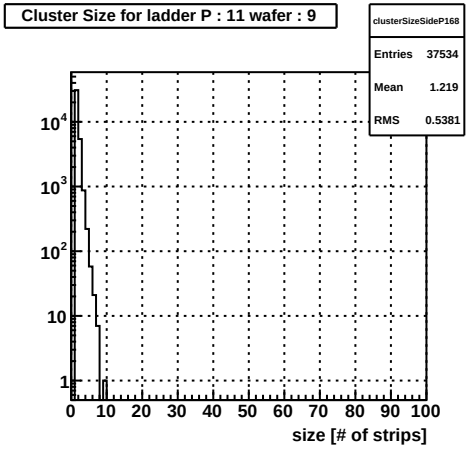

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 33181
Mean 1.165
RMS 0.4584
size [# of strips]

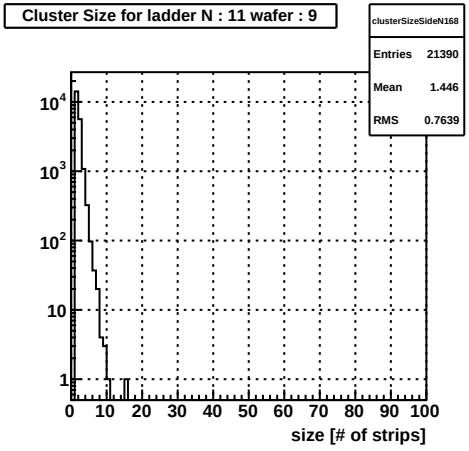

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 17700
Mean 1.326
RMS 0.6685
size [# of strips]

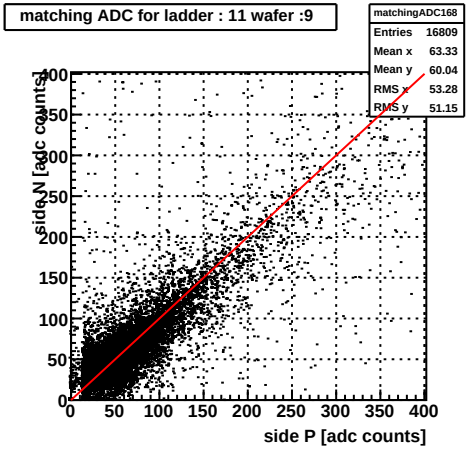

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 12389
Mean x 71.43
Mean y 50.09
RMS x 56.46
RMS y 44.2
side N [adc counts]
side P [adc counts]

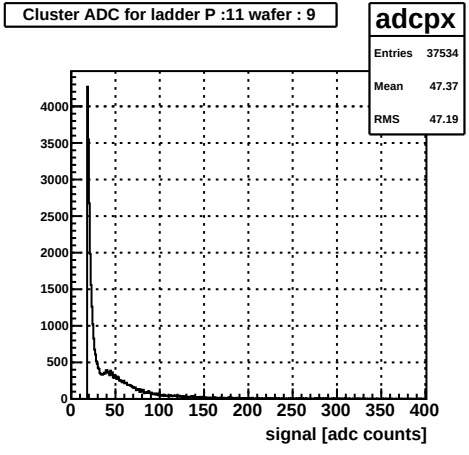

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 33181
Mean 44.29
RMS 44.4
signal [adc counts]

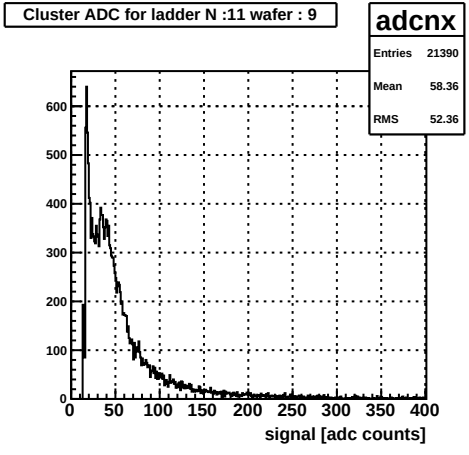

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 17700
Mean 49.53
RMS 46.69
signal [adc counts]

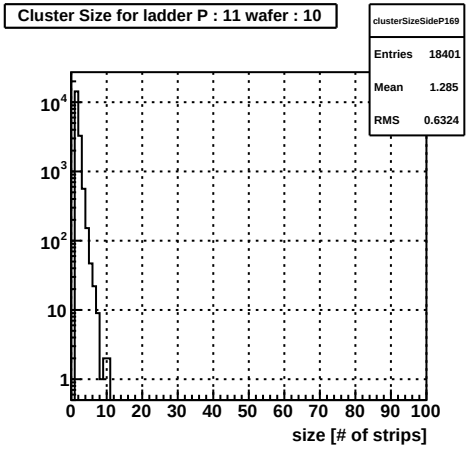

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 37534
Mean 1.219
RMS 0.5381
size [# of strips]

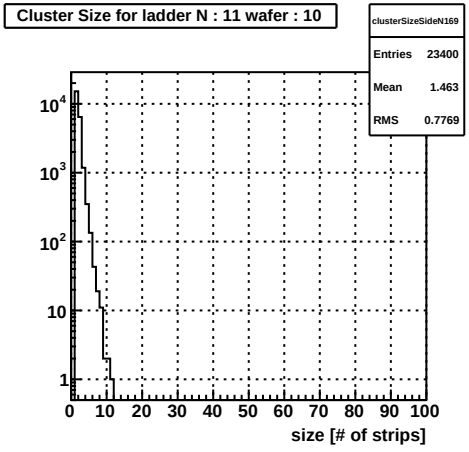

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 21390
Mean 1.446
RMS 0.7639
size [# of strips]

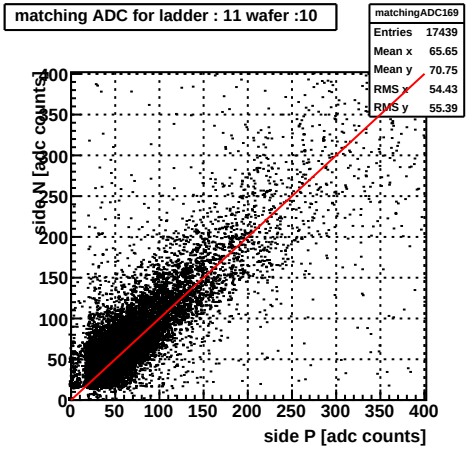

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 16809
Mean x 63.33
Mean y 60.04
RMS x 53.28
RMS y 51.15
side N [adc counts]
side P [adc counts]

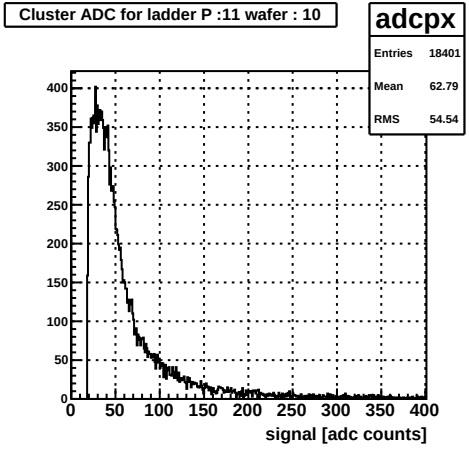

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 37534
Mean 47.37
RMS 47.19
signal [adc counts]

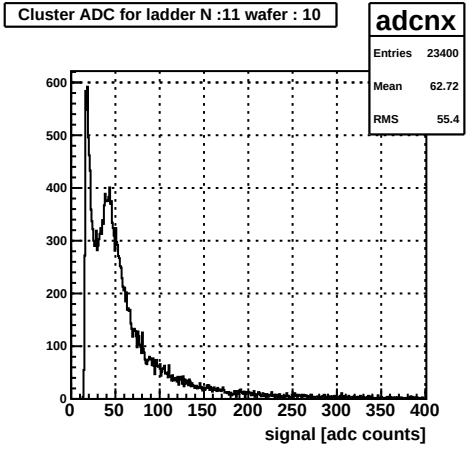

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 21390
Mean 58.36
RMS 52.36
signal [adc counts]

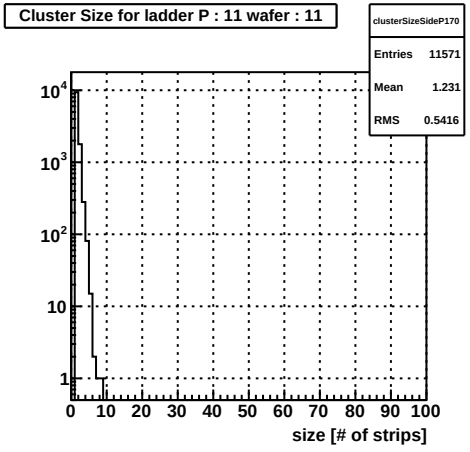

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 18401
Mean 1.285
RMS 0.6324
size [# of strips]

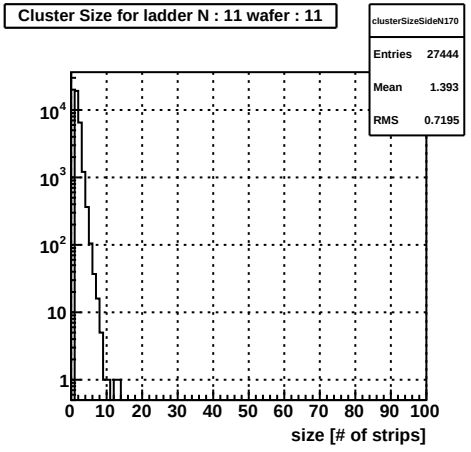

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 23400
Mean 1.463
RMS 0.7769
size [# of strips]

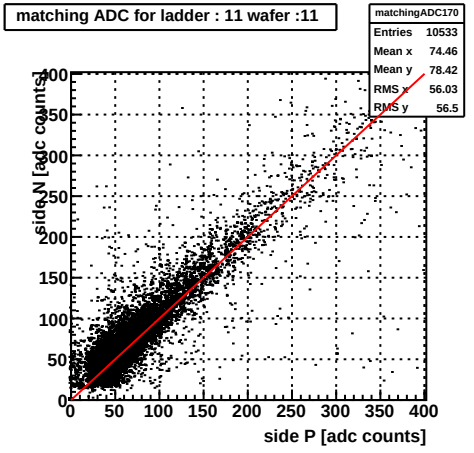

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 17439
Mean x 65.65
Mean y 70.75
RMS x 54.43
RMS y 55.39
side N [adc counts]
side P [adc counts]

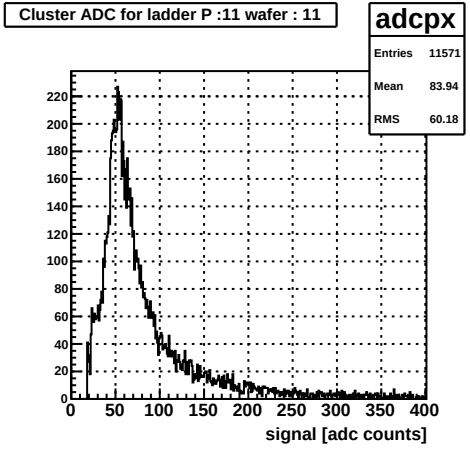

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 18401
Mean 62.79
RMS 54.54
signal [adc counts]

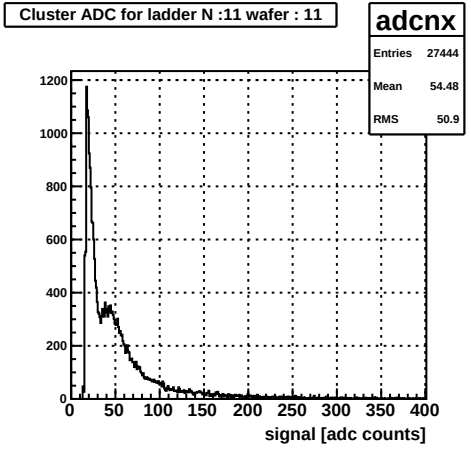

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 23400
Mean 62.72
RMS 55.4
signal [adc counts]

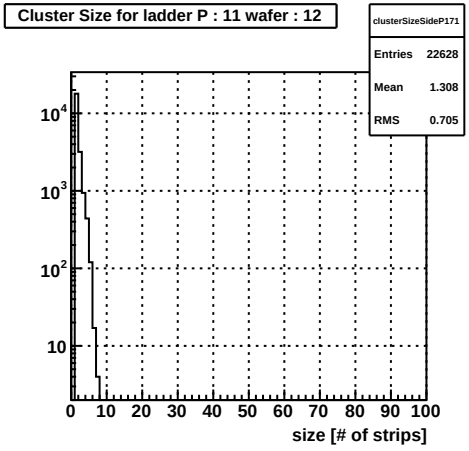

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 11571
Mean 1.231
RMS 0.5416
size [# of strips]

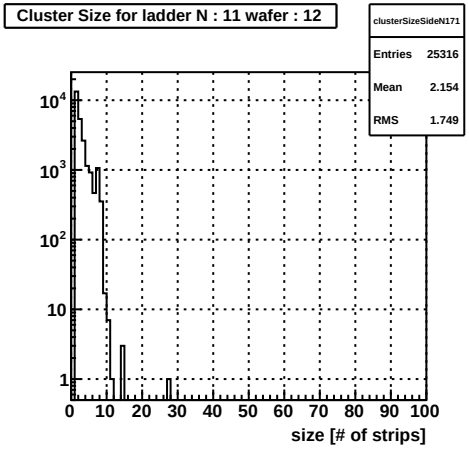

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 27444
Mean 1.393
RMS 0.7195
size [# of strips]

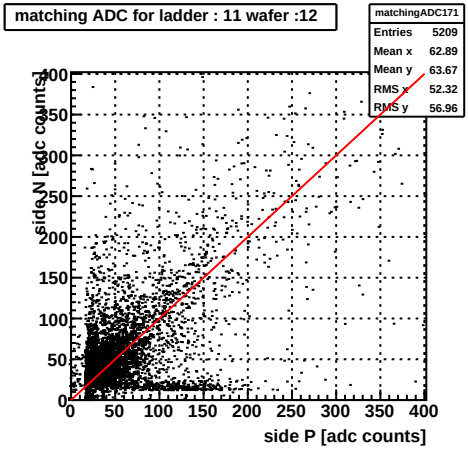

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 10533
Mean x 74.46
Mean y 78.42
RMS x 56.03
RMS y 56.5
side N [adc counts]
side P [adc counts]

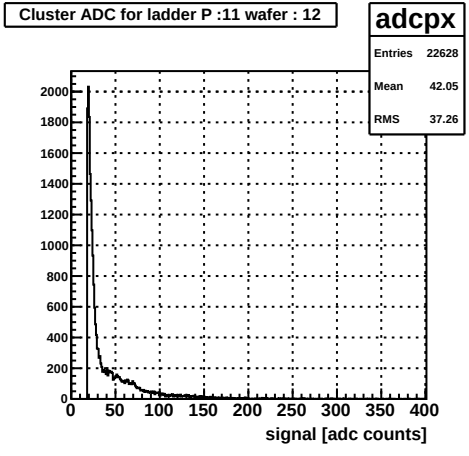

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 11571
Mean 83.94
RMS 60.18
signal [adc counts]

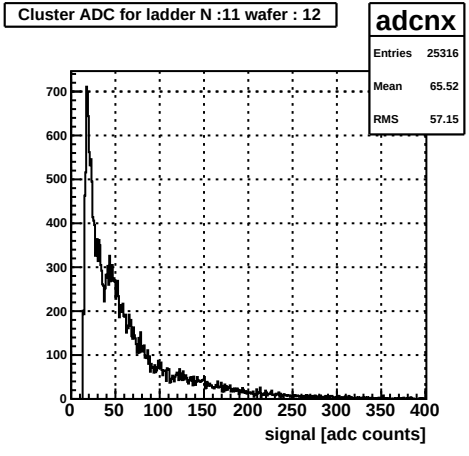

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 27444
Mean 54.48
RMS 50.9
signal [adc counts]

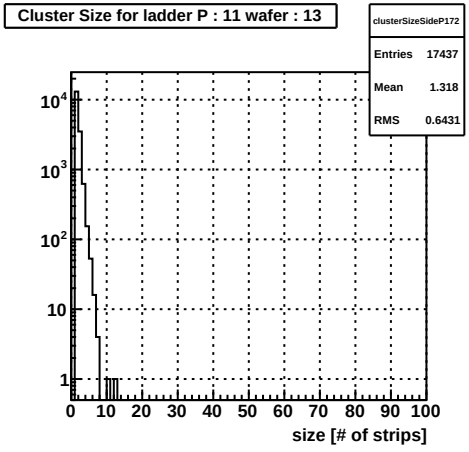

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 22628
Mean 1.308
RMS 0.705
size [# of strips]

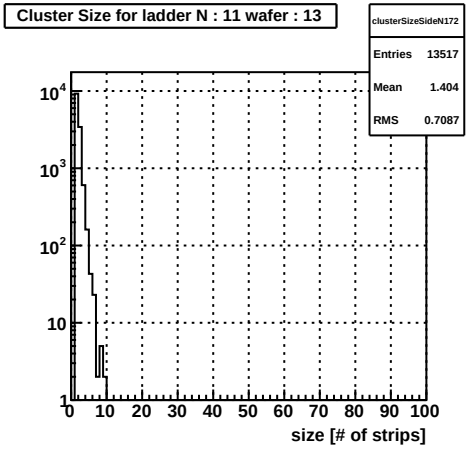

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 25316
Mean 2.154
RMS 1.749
size [# of strips]

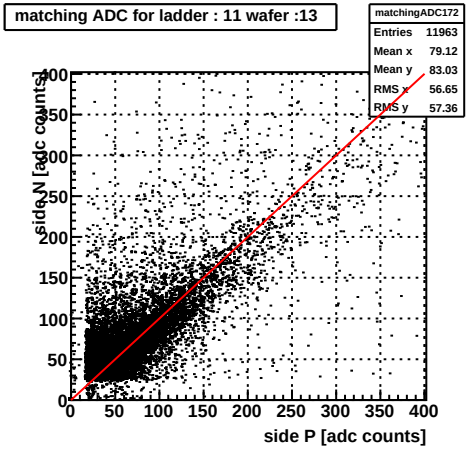

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 5209
Mean x 62.89
Mean y 63.67
RMS x 52.32
RMS y 56.96
side N [adc counts]
side P [adc counts]

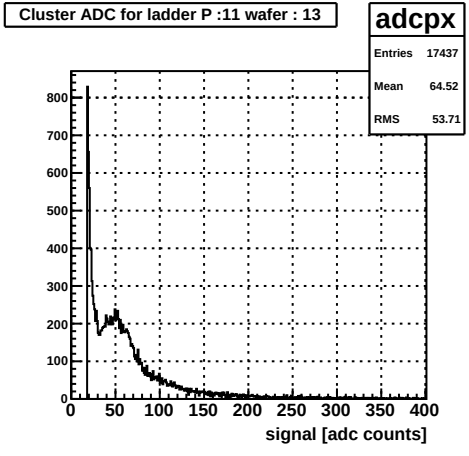

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 22628
Mean 42.05
RMS 37.26
signal [adc counts]

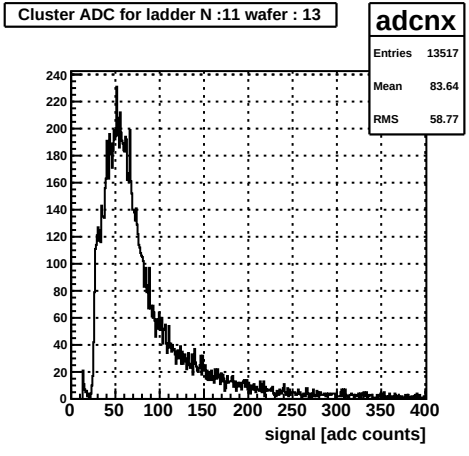

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 25316
Mean 65.52
RMS 57.15
signal [adc counts]

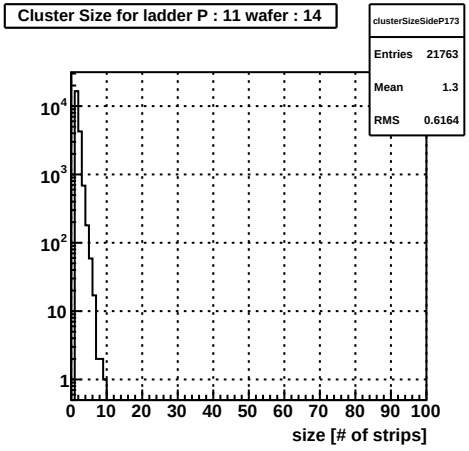

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 17437
Mean 1.318
RMS 0.6431
size [# of strips]

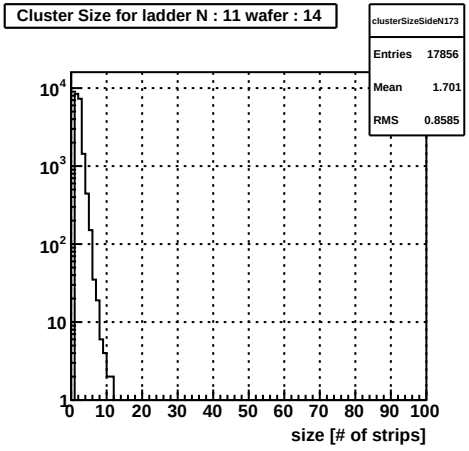

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 13517
Mean 1.404
RMS 0.7087
size [# of strips]

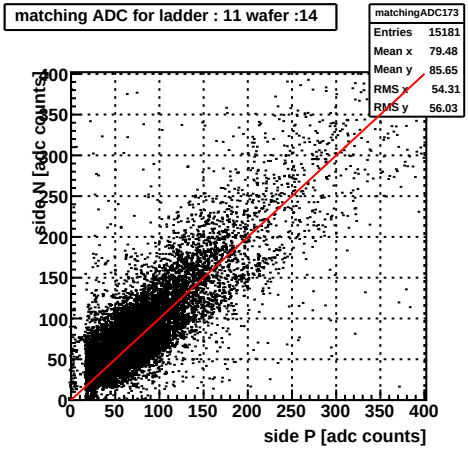

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 11963
Mean x 79.12
Mean y 83.03
RMS x 56.65
RMS y 57.36
side N [adc counts]
side P [adc counts]

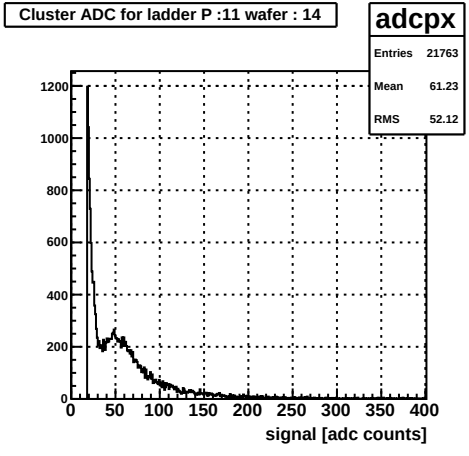

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 17437
Mean 64.52
RMS 53.71
signal [adc counts]

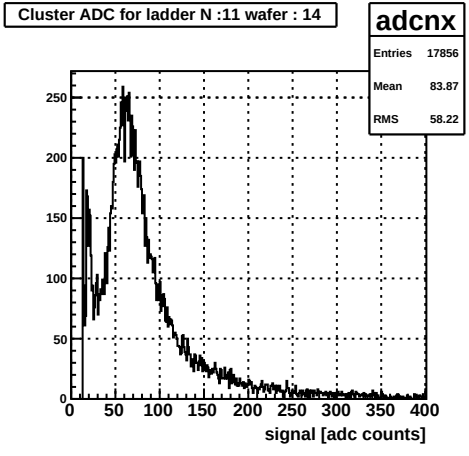

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 13517
Mean 83.64
RMS 58.77
signal [adc counts]

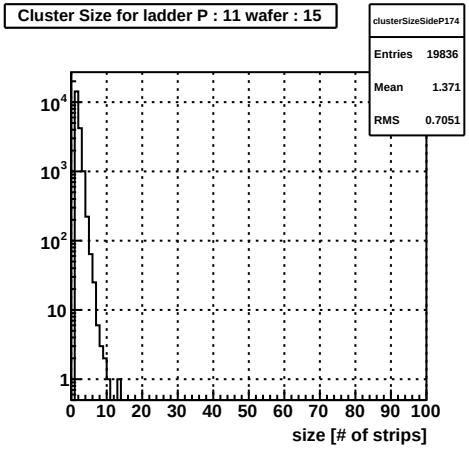

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 21763
Mean 1.3
RMS 0.6164
size [# of strips]

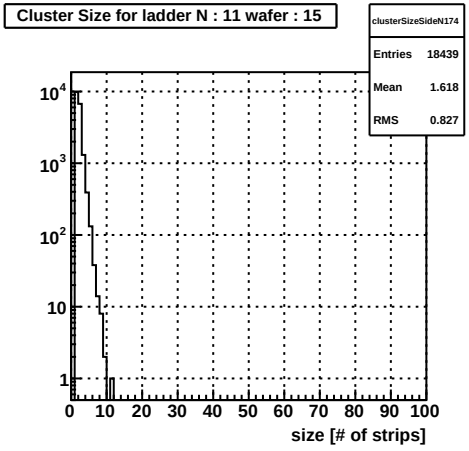

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 17856
Mean 1.701
RMS 0.8585
size [# of strips]

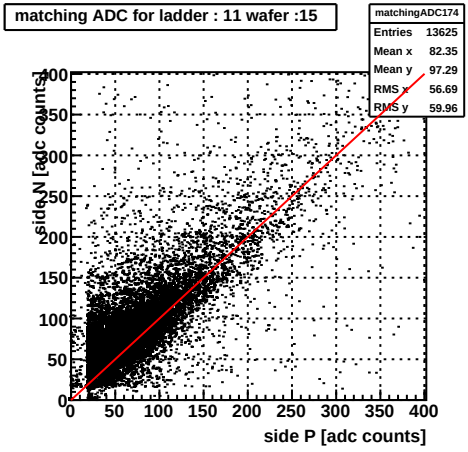

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 15181
Mean x 79.48
Mean y 85.65
RMS x 54.31
RMS y 56.03
side N [adc counts]
side P [adc counts]

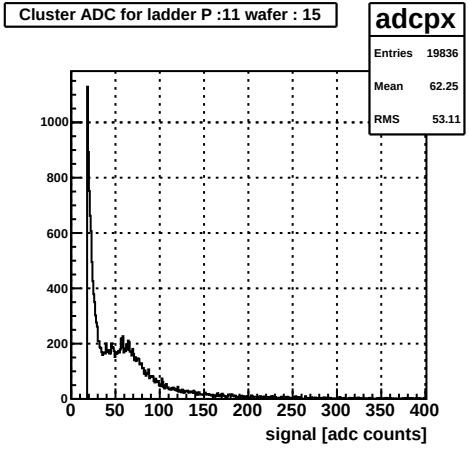

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 21763
Mean 61.23
RMS 52.12
signal [adc counts]

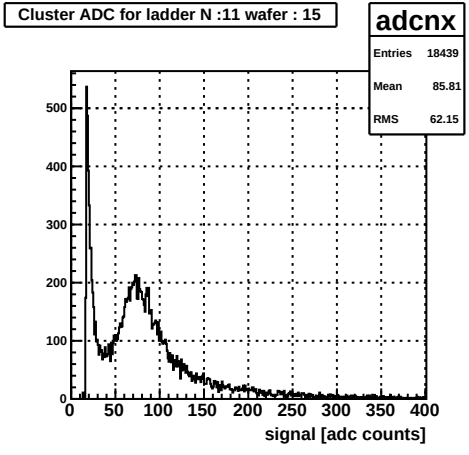

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 17856
Mean 83.87
RMS 58.22
signal [adc counts]

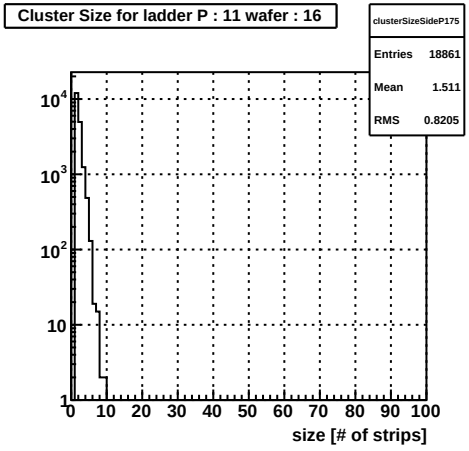

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 19836
Mean 1.371
RMS 0.7051
size [# of strips]

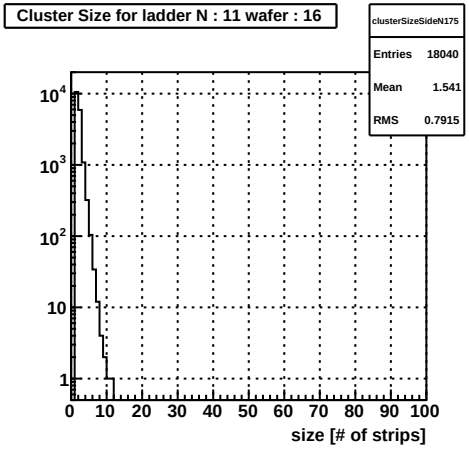

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 18439
Mean 1.618
RMS 0.827
size [# of strips]

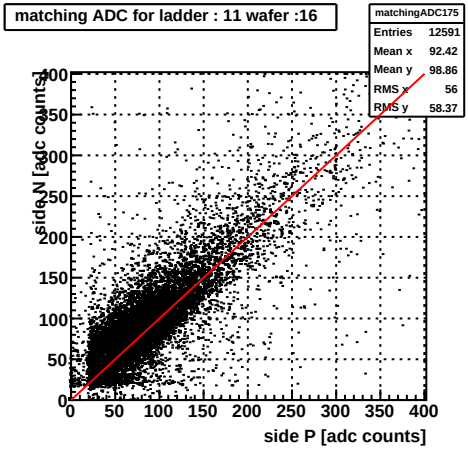

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 13625
Mean x 82.35
Mean y 97.29
RMS x 56.69
RMS y 59.96
side N [adc counts]
side P [adc counts]

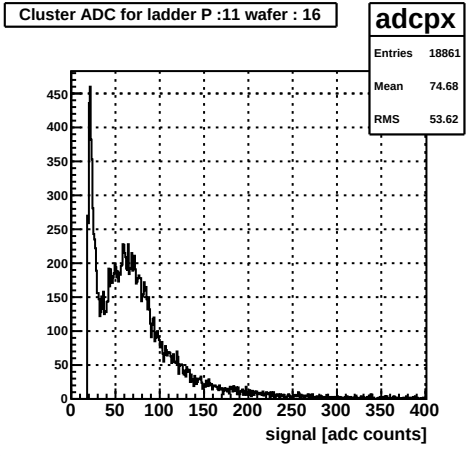

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 19836
Mean 62.25
RMS 53.11
signal [adc counts]

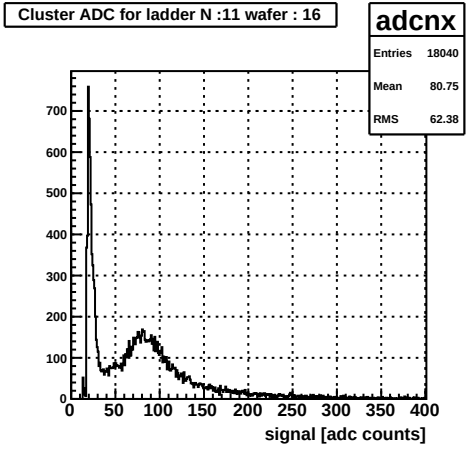

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 18439
Mean 85.81
RMS 62.15
signal [adc counts]

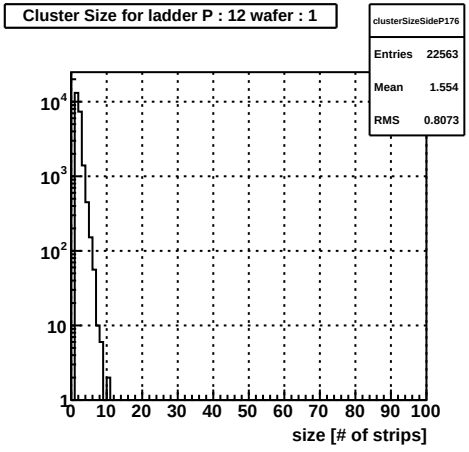

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 18861
Mean 1.511
RMS 0.8205
size [# of strips]

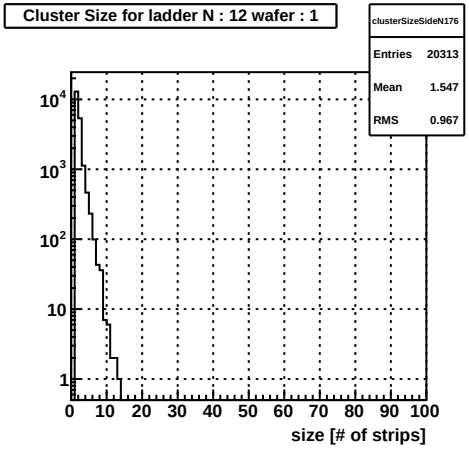

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 18040
Mean 1.541
RMS 0.7915
size [# of strips]

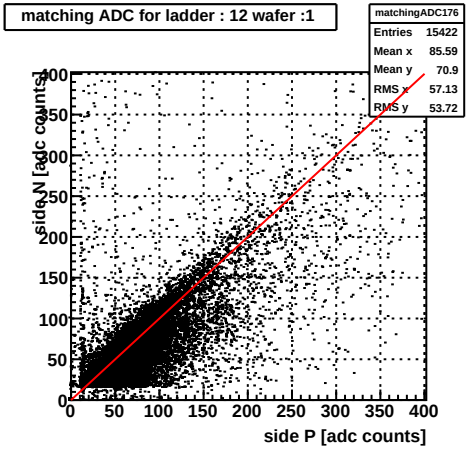

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 12591
Mean x 92.42
Mean y 98.86
RMS x 56
RMS y 58.37
side N [adc counts]
side P [adc counts]

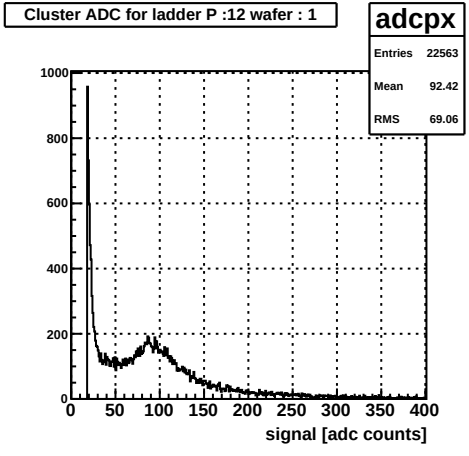

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 18861
Mean 74.68
RMS 53.62
signal [adc counts]

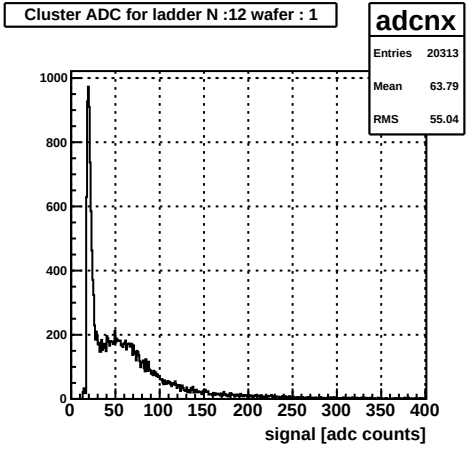

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 18040
Mean 80.75
RMS 62.38
signal [adc counts]

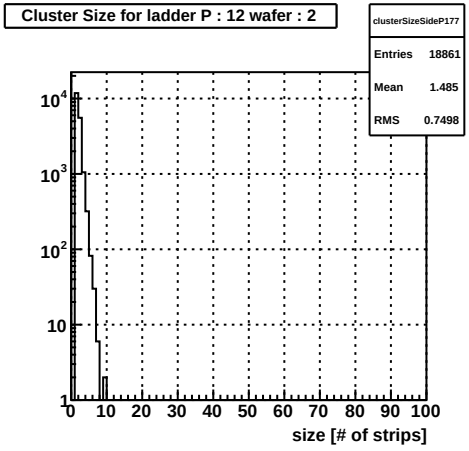

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 22563
Mean 1.554
RMS 0.8073
size [# of strips]

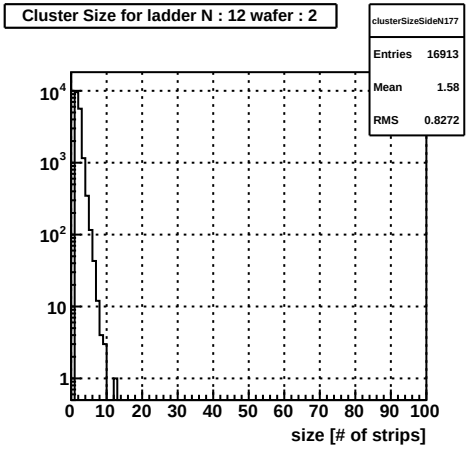

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 20313
Mean 1.547
RMS 0.967
size [# of strips]

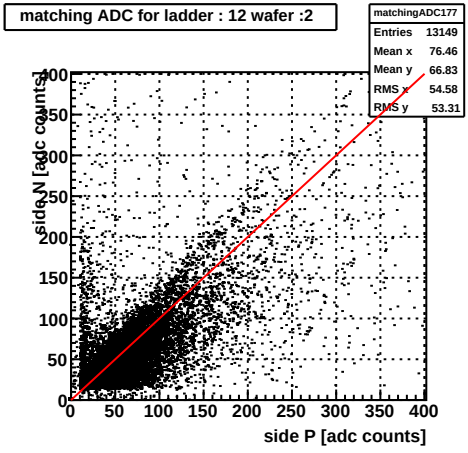

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 15422
Mean x 85.59
Mean y 70.9
RMS x 57.13
RMS y 53.72
side N [adc counts]
side P [adc counts]

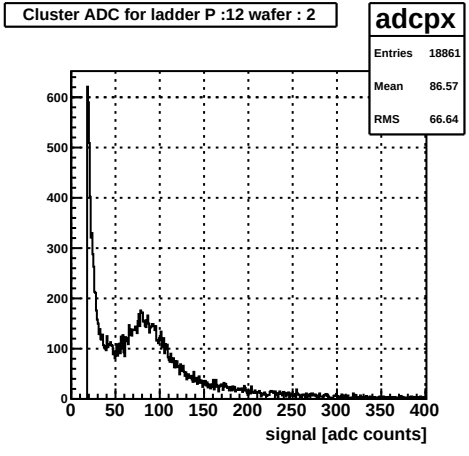

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 22563
Mean 92.42
RMS 69.06
signal [adc counts]

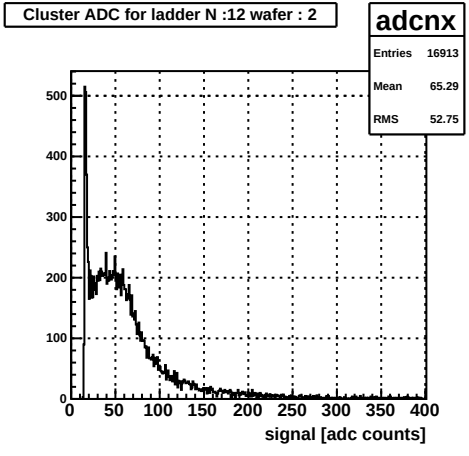

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 20313
Mean 63.79
RMS 55.04
signal [adc counts]

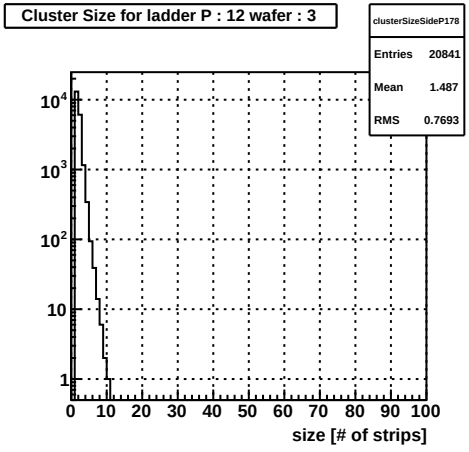

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 18861
Mean 1.485
RMS 0.7498
size [# of strips]

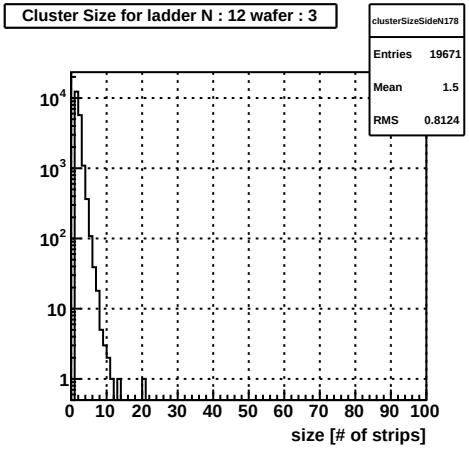

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 16913
Mean 1.58
RMS 0.8272
size [# of strips]

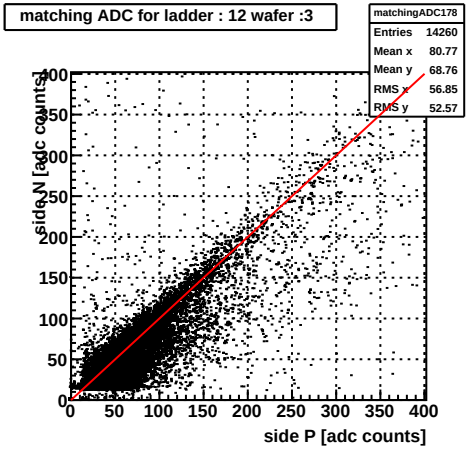

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 13149
Mean x 76.46
Mean y 66.83
RMS x 54.58
RMS y 53.31
side N [adc counts]
side P [adc counts]

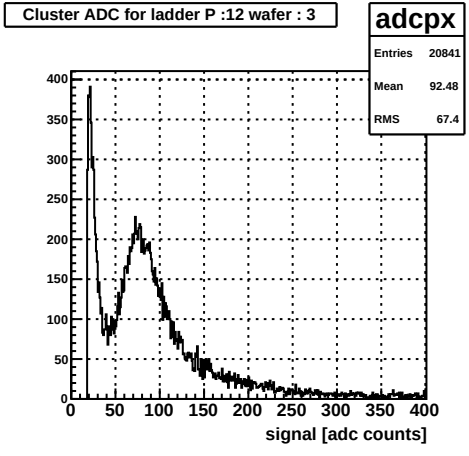

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 18861
Mean 86.57
RMS 66.64
signal [adc counts]

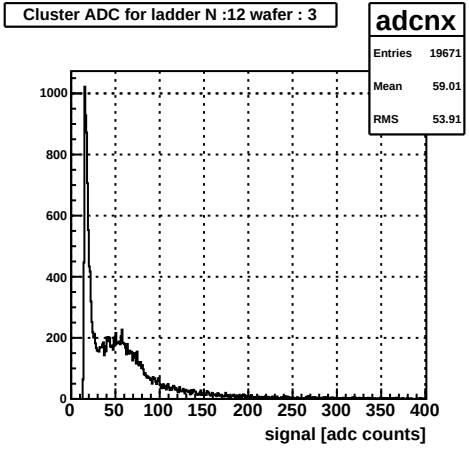

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 16913
Mean 65.29
RMS 52.75
signal [adc counts]

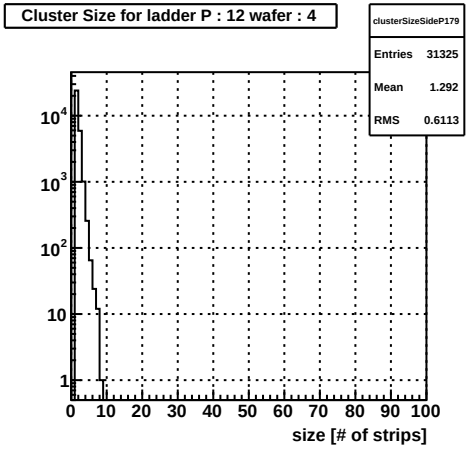

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 20841
Mean 1.487
RMS 0.7693
size [# of strips]

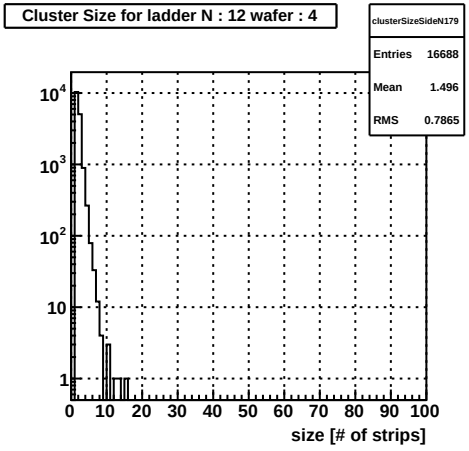

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 19671
Mean 1.5
RMS 0.8124
size [# of strips]

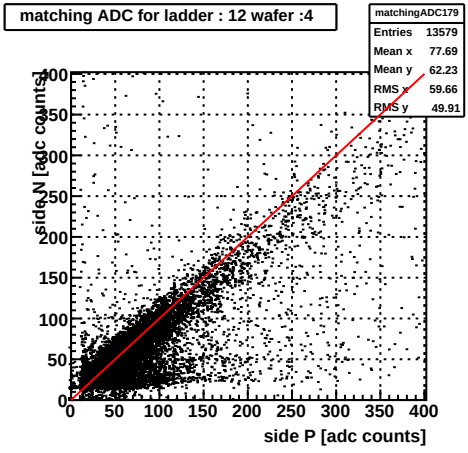

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 14260
Mean x 80.77
Mean y 68.76
RMS x 56.85
RMS y 52.57
side N [adc counts]
side P [adc counts]

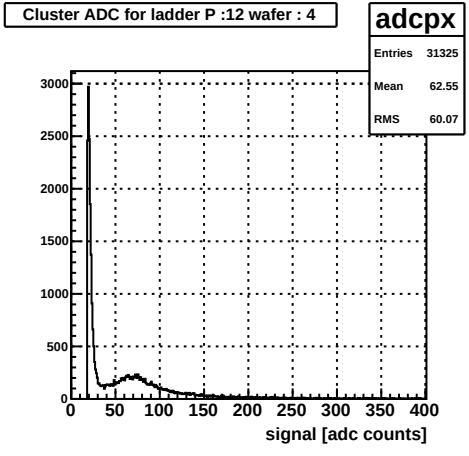

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 20841
Mean 92.48
RMS 67.4
signal [adc counts]

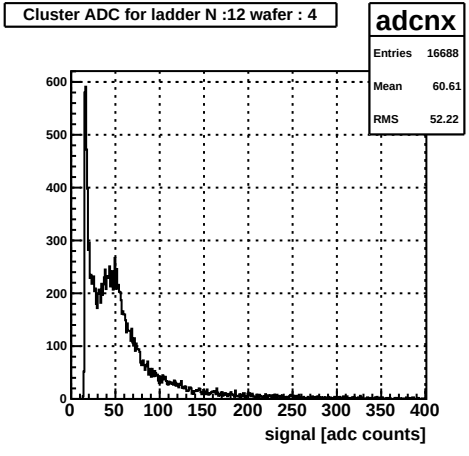

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 19671
Mean 59.01
RMS 53.91
signal [adc counts]

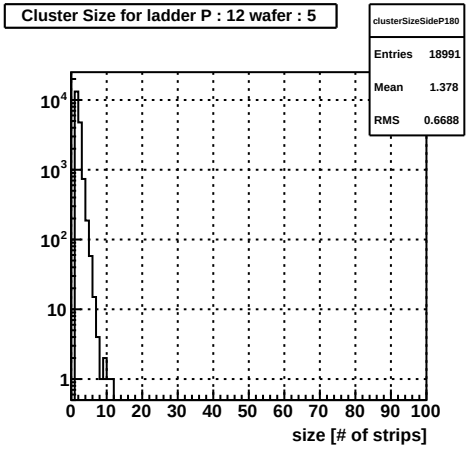

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 31325
Mean 1.292
RMS 0.6113
size [# of strips]

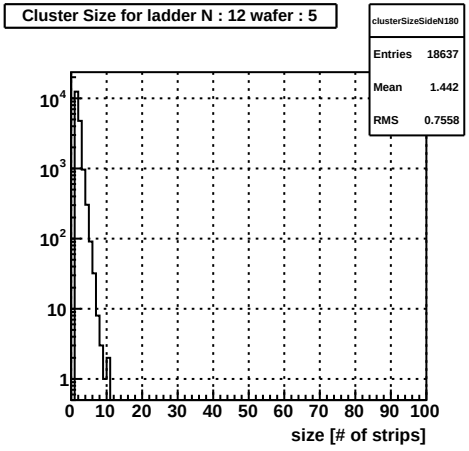

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 16688
Mean 1.496
RMS 0.7865
size [# of strips]

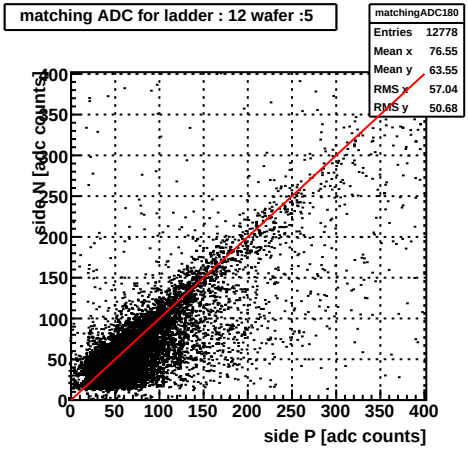

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 13579
Mean x 77.69
Mean y 62.23
RMS x 59.66
RMS y 49.91
side N [adc counts]
side P [adc counts]

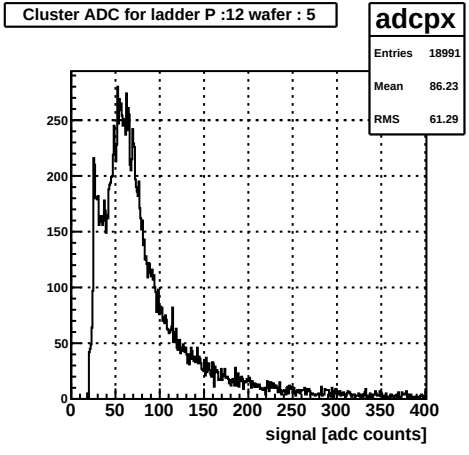

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 31325
Mean 62.55
RMS 60.07
signal [adc counts]

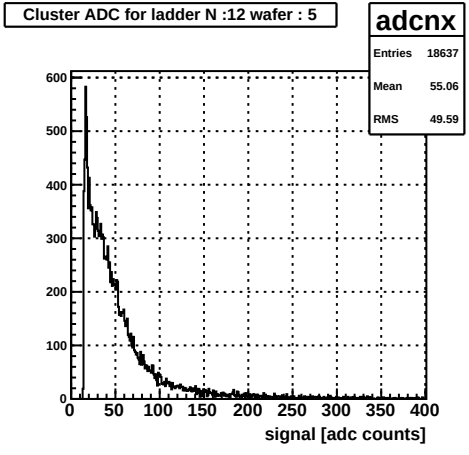

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 16688
Mean 60.61
RMS 52.22
signal [adc counts]

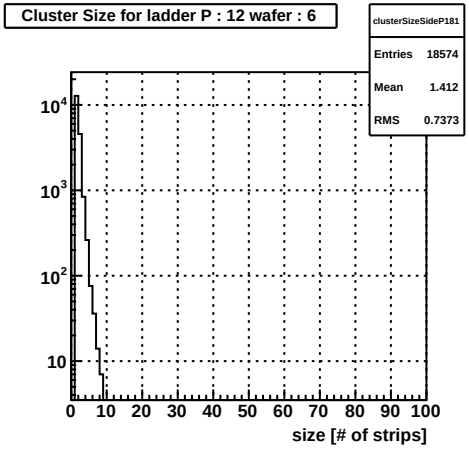

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 18991
Mean 1.378
RMS 0.6688
size [# of strips]

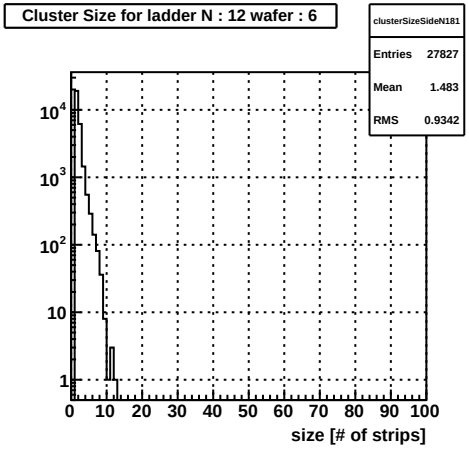

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 18637
Mean 1.442
RMS 0.7558
size [# of strips]

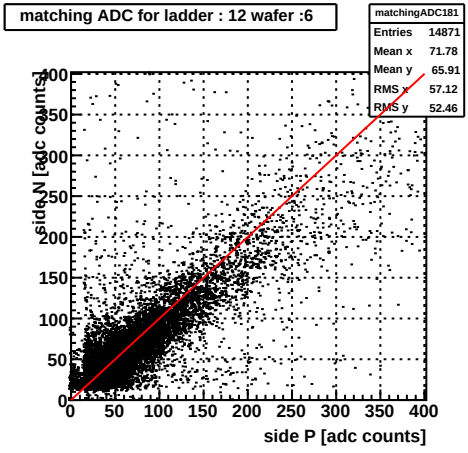

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 12778
Mean x 76.55
Mean y 63.55
RMS x 57.04
RMS y 50.68
side N [adc counts]
side P [adc counts]

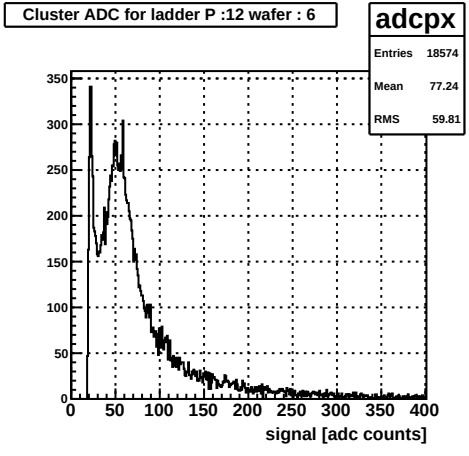

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 18991
Mean 86.23
RMS 61.29
signal [adc counts]

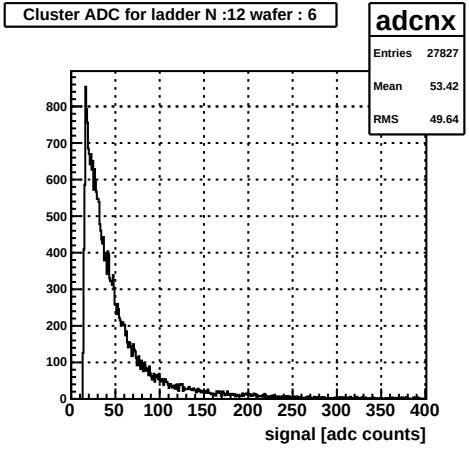

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 18637
Mean 55.06
RMS 49.59
signal [adc counts]

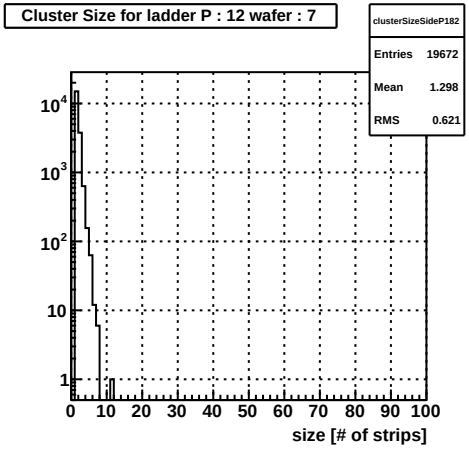

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 18574
Mean 1.412
RMS 0.7373
size [# of strips]

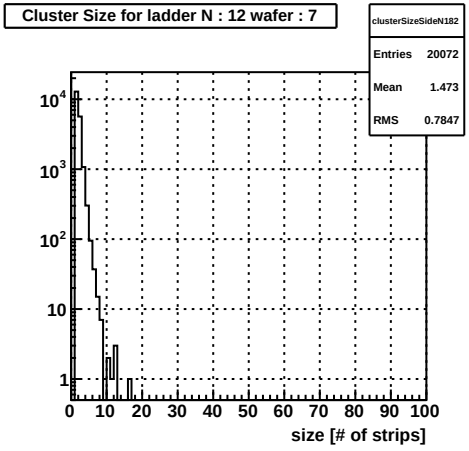

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 27827
Mean 1.483
RMS 0.9342
size [# of strips]

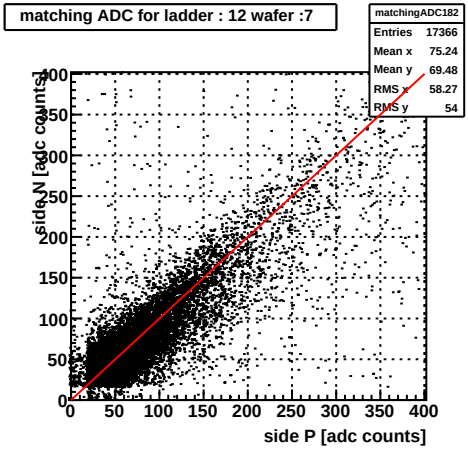

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 14871
Mean x 71.78
Mean y 65.91
RMS x 57.12
RMS y 52.46
side N [adc counts]
side P [adc counts]

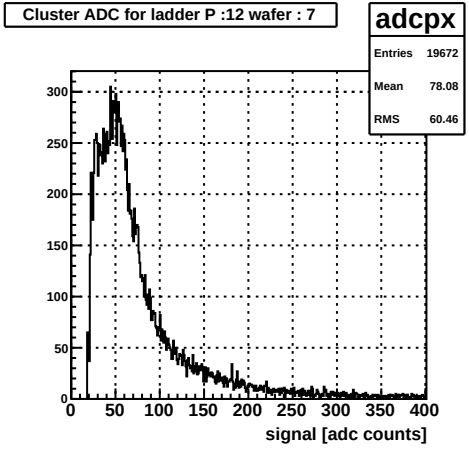

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 18574
Mean 77.24
RMS 59.81
signal [adc counts]

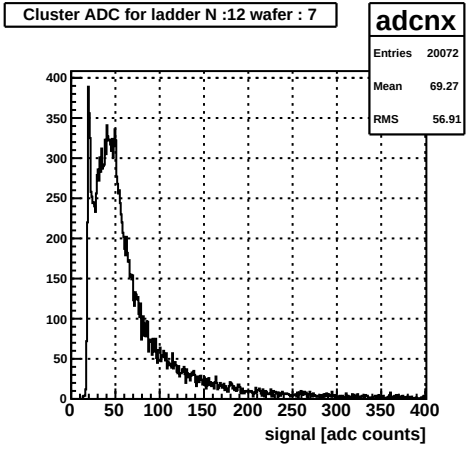

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 27827
Mean 53.42
RMS 49.64
signal [adc counts]

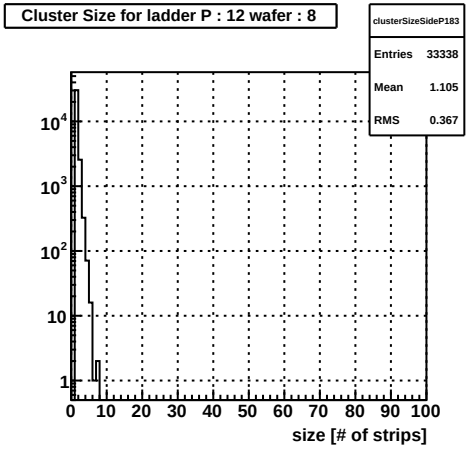

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 19672
Mean 1.298
RMS 0.621
size [# of strips]

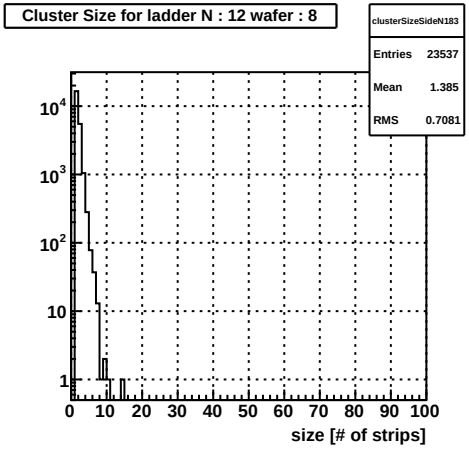

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 20072
Mean 1.473
RMS 0.7847
size [# of strips]

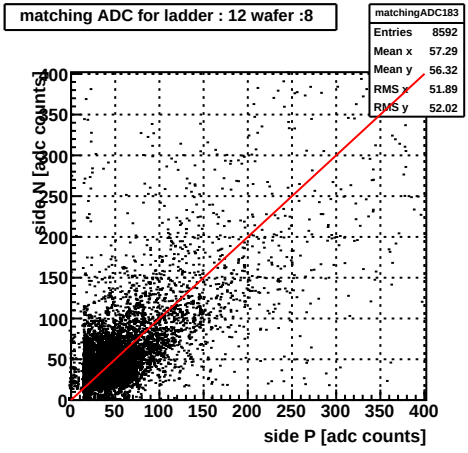

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 17366
Mean x 75.24
Mean y 69.48
RMS x 58.27
RMS y 54
side N [adc counts]
side P [adc counts]

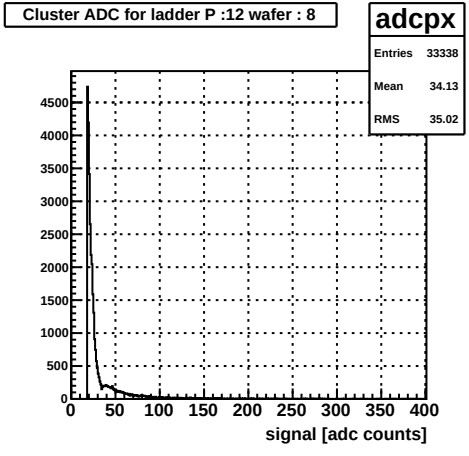

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 19672
Mean 78.08
RMS 60.46
signal [adc counts]

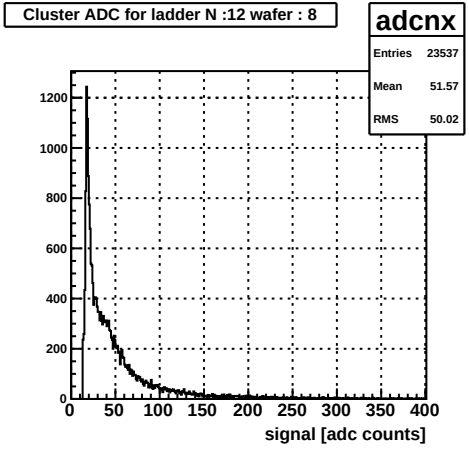

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 20072
Mean 69.27
RMS 56.91
signal [adc counts]

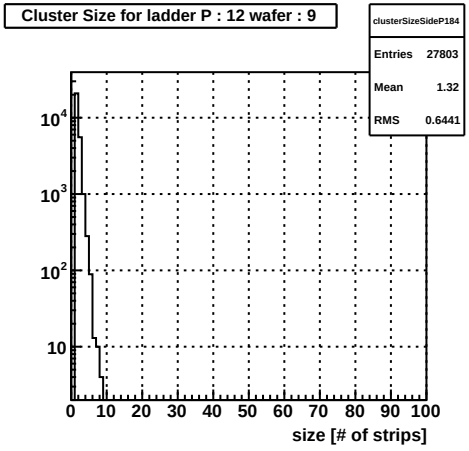

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 33338
Mean 1.105
RMS 0.367
size [# of strips]

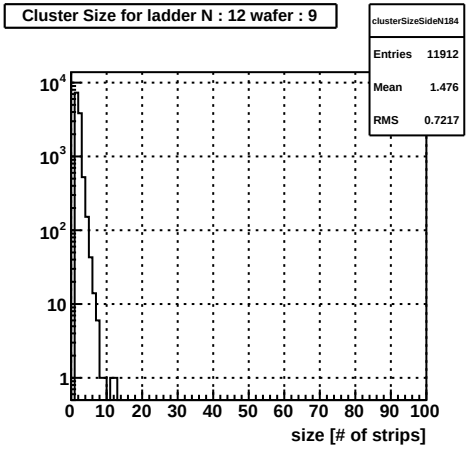

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 23537
Mean 1.385
RMS 0.7081
size [# of strips]

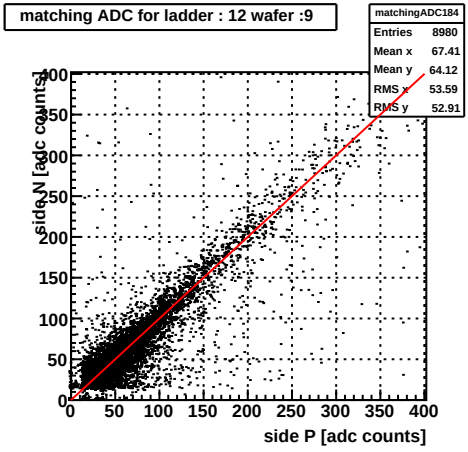

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 8592
Mean x 57.29
Mean y 56.32
RMS x 51.89
RMS y 52.02
side N [adc counts]
side P [adc counts]

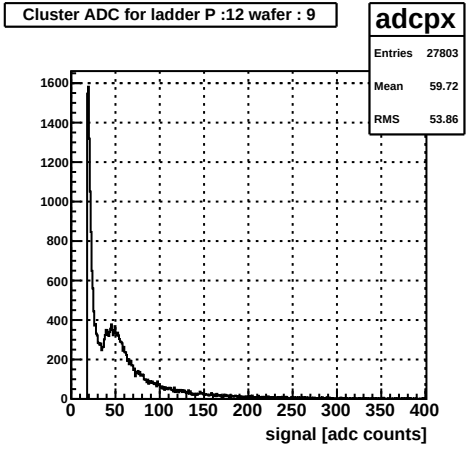

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 33338
Mean 34.13
RMS 35.02
signal [adc counts]

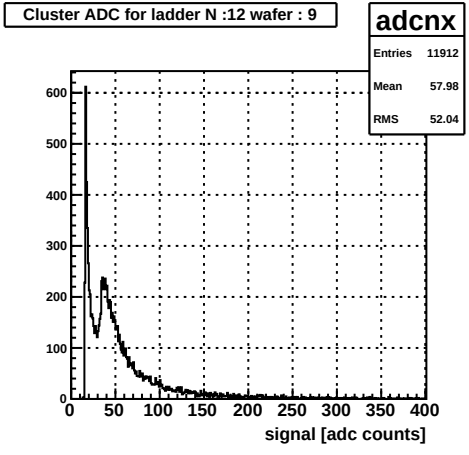

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 23537
Mean 51.57
RMS 50.02
signal [adc counts]

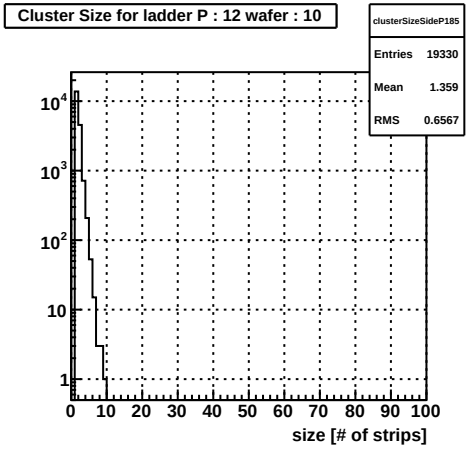

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 27803
Mean 1.32
RMS 0.6441
size [# of strips]

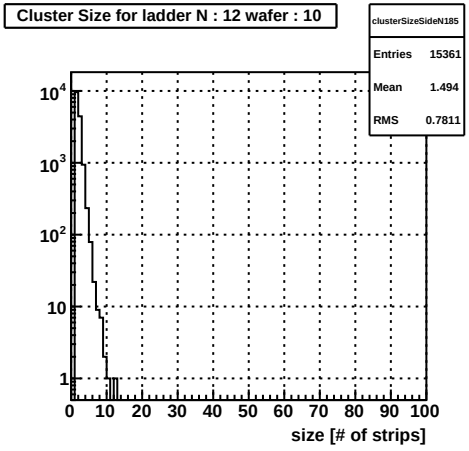

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 11912
Mean 1.476
RMS 0.7217
size [# of strips]

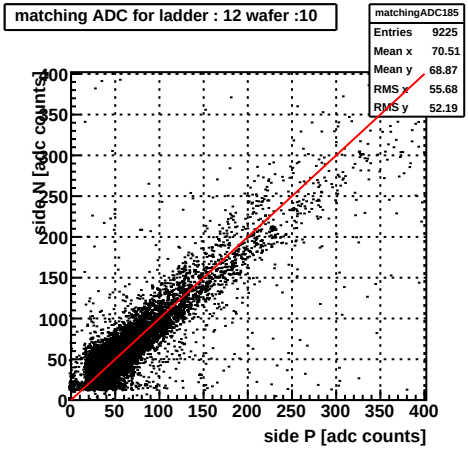

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 8980
Mean x 67.41
Mean y 64.12
RMS x 53.59
RMS y 52.91
side N [adc counts]
side P [adc counts]

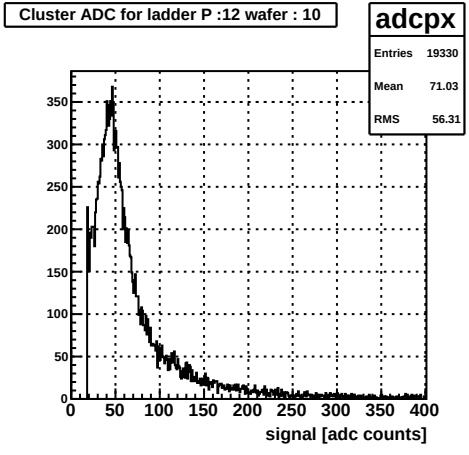

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 27803
Mean 59.72
RMS 53.86
signal [adc counts]

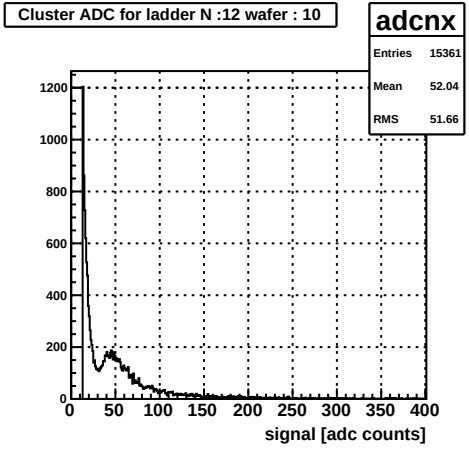

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 11912
Mean 57.98
RMS 52.04
signal [adc counts]

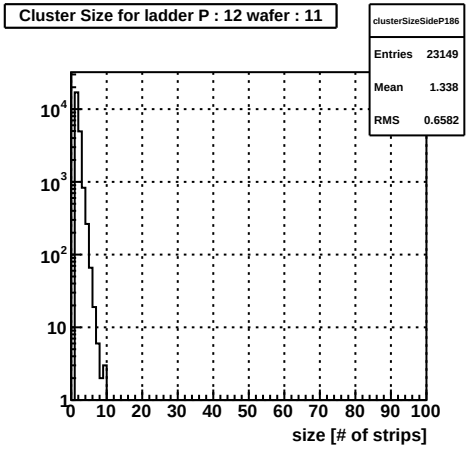

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 19330
Mean 1.359
RMS 0.6567
size [# of strips]

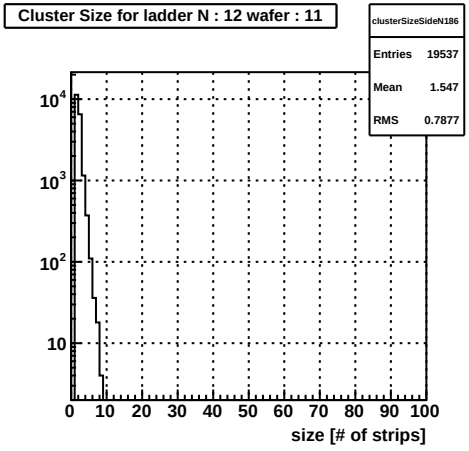

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 15361
Mean 1.494
RMS 0.7811
size [# of strips]

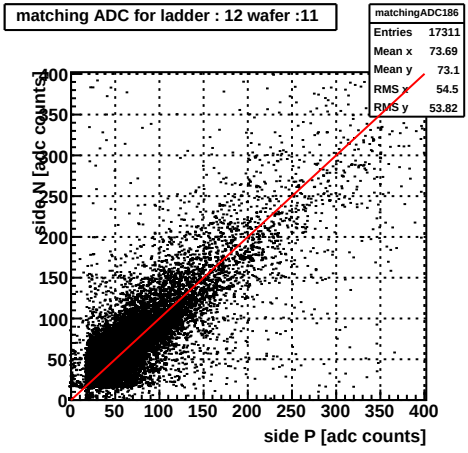

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 9225
Mean x 70.51
Mean y 68.87
RMS x 55.68
RMS y 52.19
side N [adc counts]
side P [adc counts]

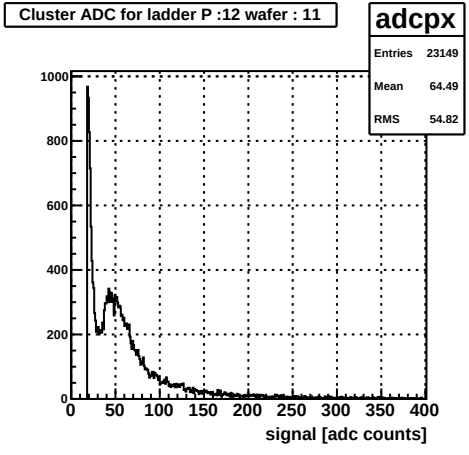

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 19330
Mean 71.03
RMS 56.31
signal [adc counts]

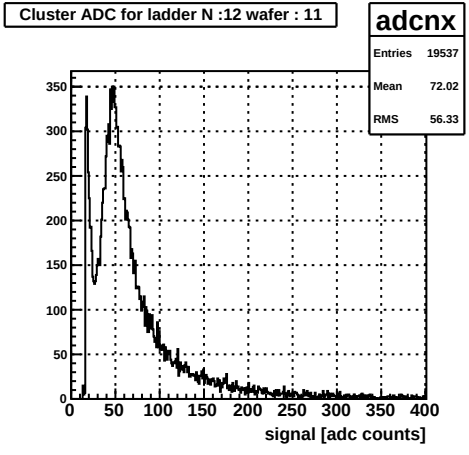

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 15361
Mean 52.04
RMS 51.66
signal [adc counts]

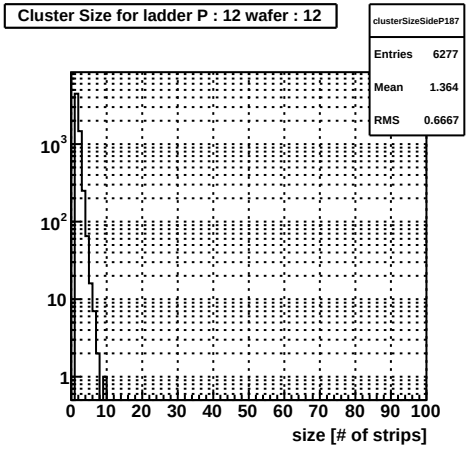

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 23149
Mean 1.338
RMS 0.6582
size [# of strips]

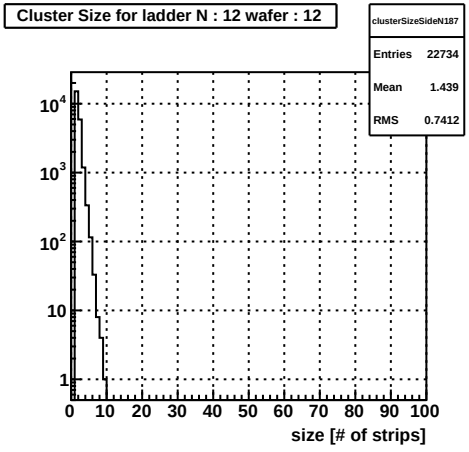

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 19537
Mean 1.547
RMS 0.7877
size [# of strips]

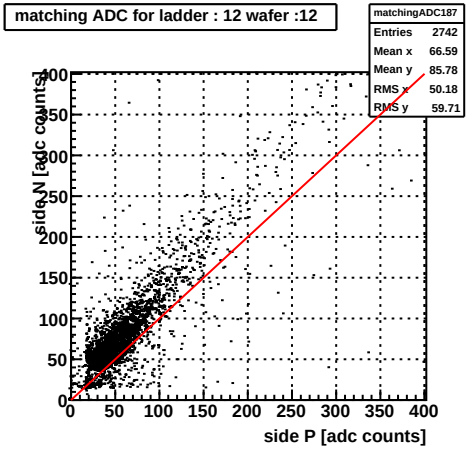

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 17311
Mean x 73.69
Mean y 73.1
RMS x 54.5
RMS y 53.82
side N [adc counts]
side P [adc counts]

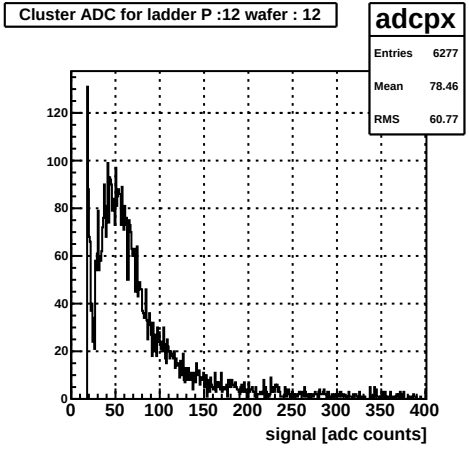

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 23149
Mean 64.49
RMS 54.82
signal [adc counts]

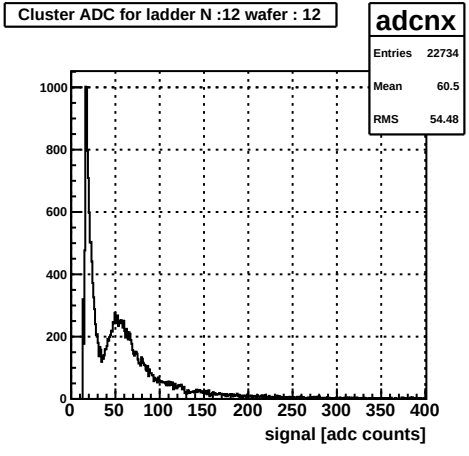

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 19537
Mean 72.02
RMS 56.33
signal [adc counts]

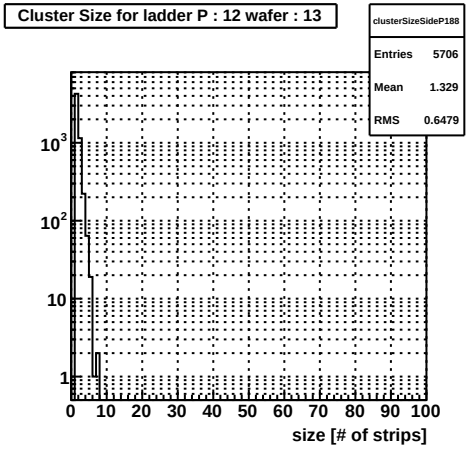

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 6277
Mean 1.364
RMS 0.6667
size [# of strips]

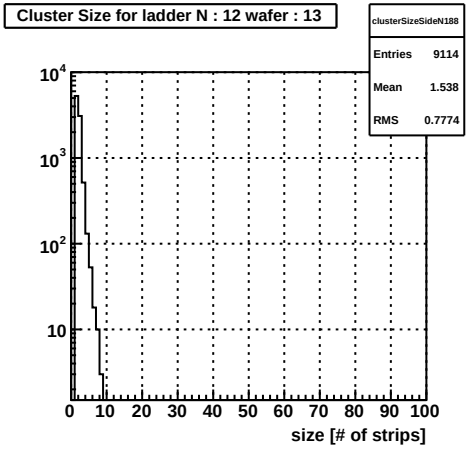

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 22734
Mean 1.439
RMS 0.7412
size [# of strips]

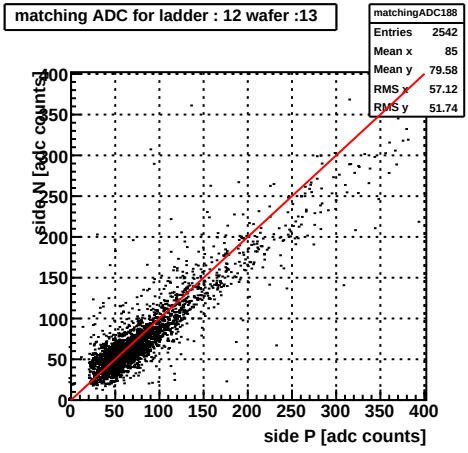

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2742
Mean x 66.59
Mean y 85.78
RMS x 50.18
RMS y 59.71
side N [adc counts]
side P [adc counts]

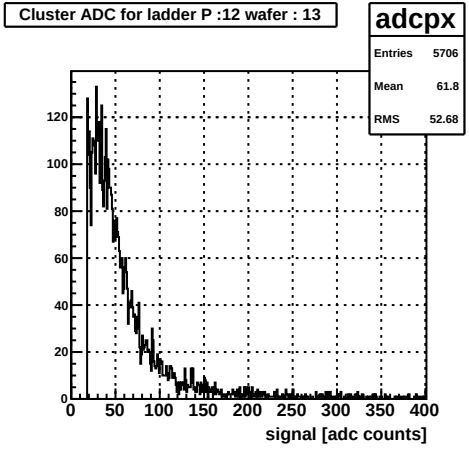

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 6277
Mean 78.46
RMS 60.77
signal [adc counts]

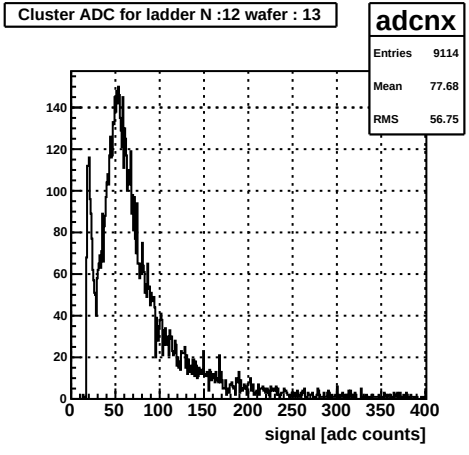

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 22734
Mean 60.5
RMS 54.48
signal [adc counts]

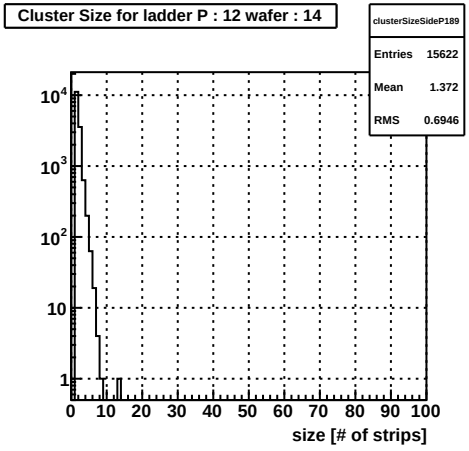

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 5706
Mean 1.329
RMS 0.6479
size [# of strips]

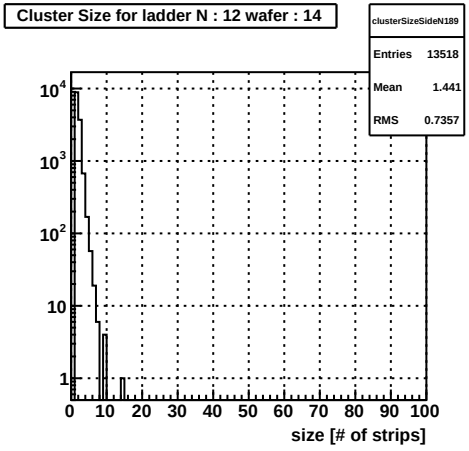

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 9114
Mean 1.538
RMS 0.7774
size [# of strips]

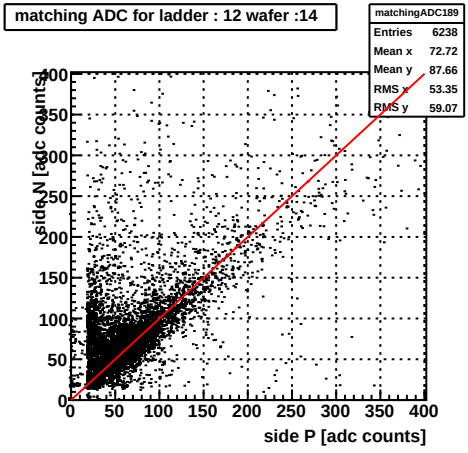

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2542
Mean x 85
Mean y 79.58
RMS x 57.12
RMS y 51.74
side N [adc counts]
side P [adc counts]

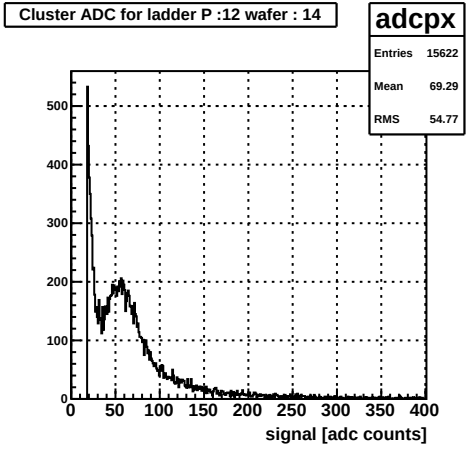

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 5706
Mean 61.8
RMS 52.68
signal [adc counts]

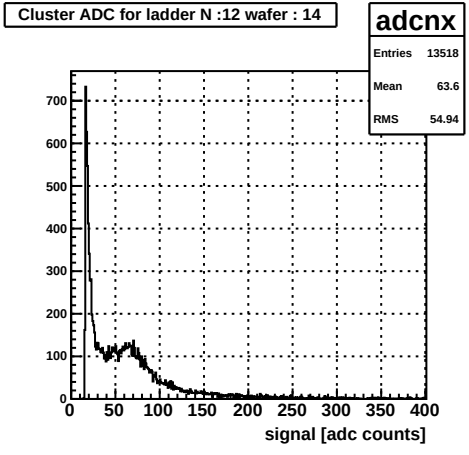

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 9114
Mean 77.68
RMS 56.75
signal [adc counts]

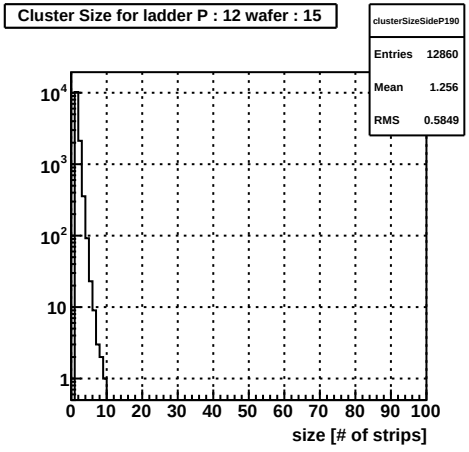

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 15622
Mean 1.372
RMS 0.6946
size [# of strips]

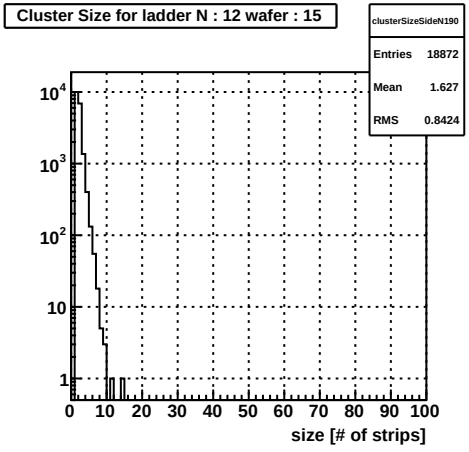

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 13518
Mean 1.441
RMS 0.7357
size [# of strips]

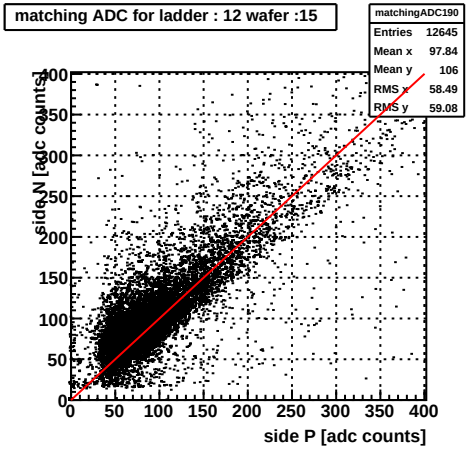

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 6238
Mean x 72.72
Mean y 87.66
RMS x 53.35
RMS y 59.07
side N [adc counts]
side P [adc counts]

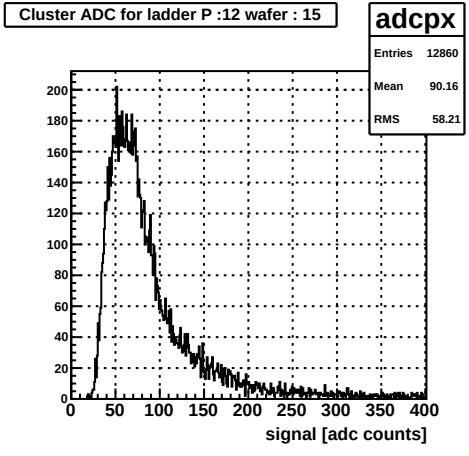

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 15622
Mean 69.29
RMS 54.77
signal [adc counts]

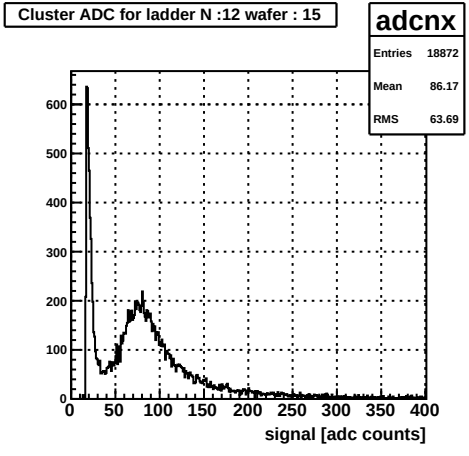

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 13518
Mean 63.6
RMS 54.94
signal [adc counts]

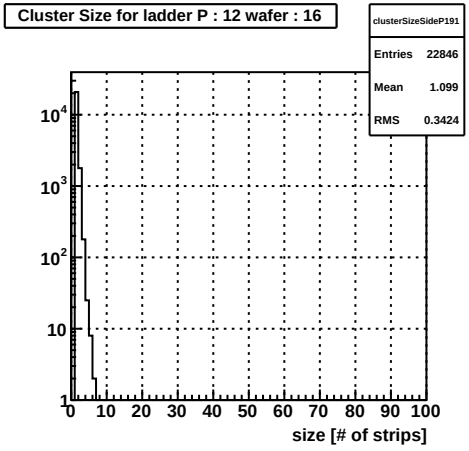

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 12860
Mean 1.256
RMS 0.5849
size [# of strips]

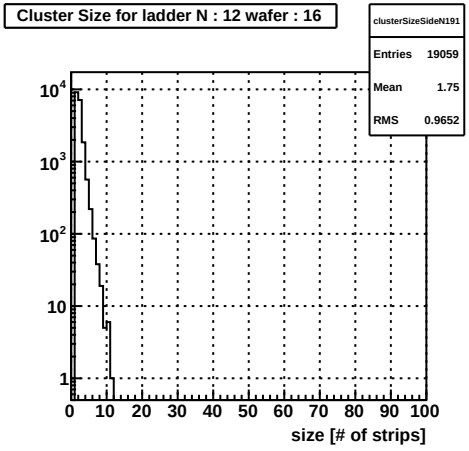

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 18872
Mean 1.627
RMS 0.8424
size [# of strips]

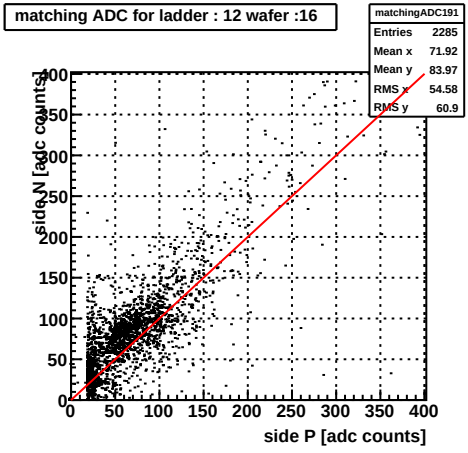

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 12645
Mean x 97.84
Mean y 106
RMS x 58.49
RMS y 59.08
side N [adc counts]
side P [adc counts]

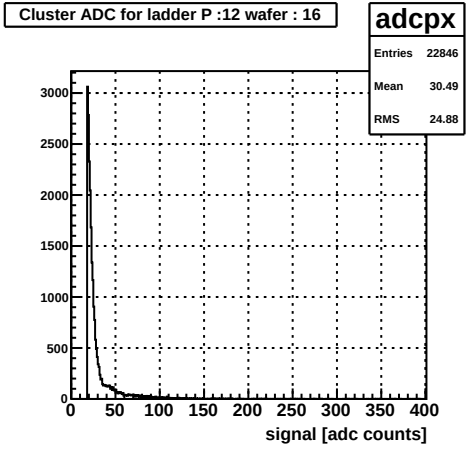

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 12860
Mean 90.16
RMS 58.21
signal [adc counts]

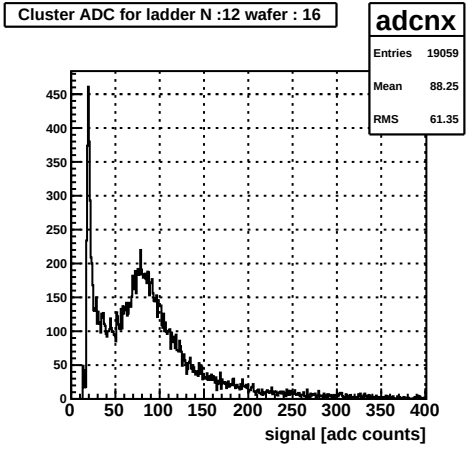

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 18872
Mean 86.17
RMS 63.69
signal [adc counts]

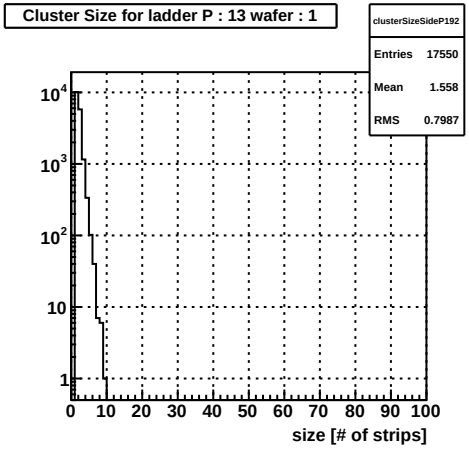

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 22846
Mean 1.099
RMS 0.3424
size [# of strips]

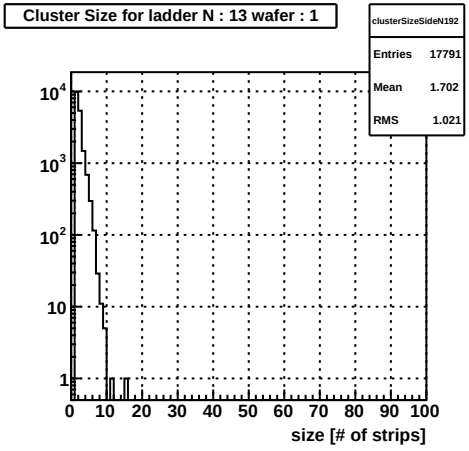

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 19059
Mean 1.75
RMS 0.9652
size [# of strips]

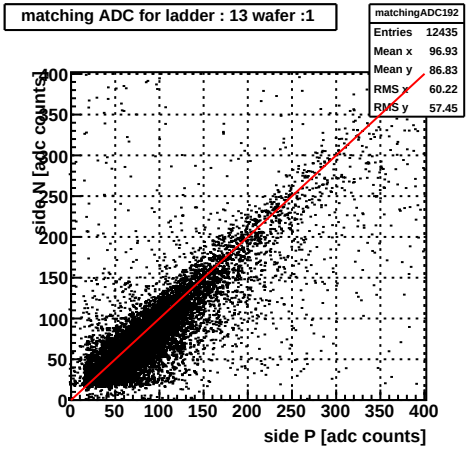

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 2285
Mean x 71.92
Mean y 83.97
RMS x 54.58
RMS y 60.9
side N [adc counts]
side P [adc counts]

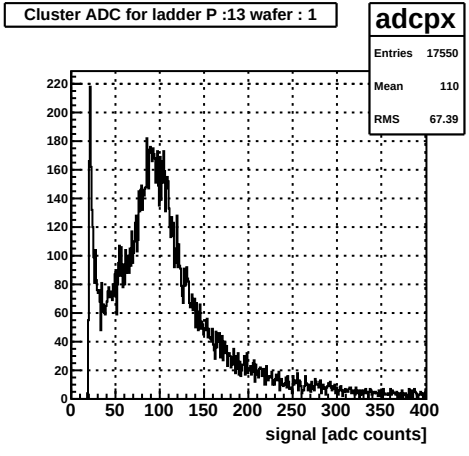

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 22846
Mean 30.49
RMS 24.88
signal [adc counts]

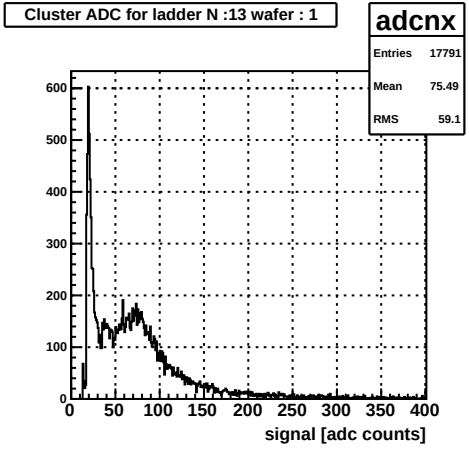

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 19059
Mean 88.25
RMS 61.35
signal [adc counts]

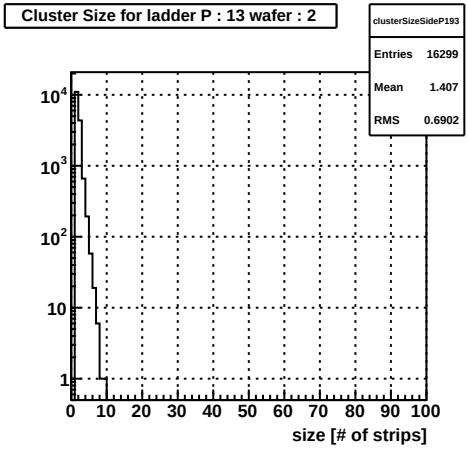

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 17550
Mean 1.558
RMS 0.7987
size [# of strips]

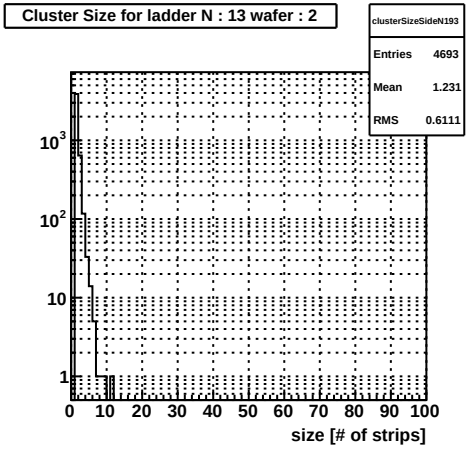

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 17791
Mean 1.702
RMS 1.021
size [# of strips]

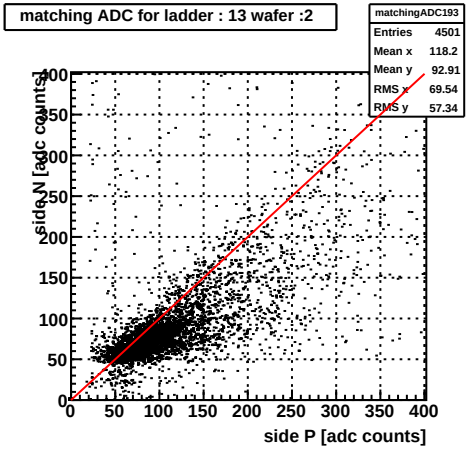

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 12435
Mean x 96.93
Mean y 86.83
RMS x 60.22
RMS y 57.45
side N [adc counts]
side P [adc counts]

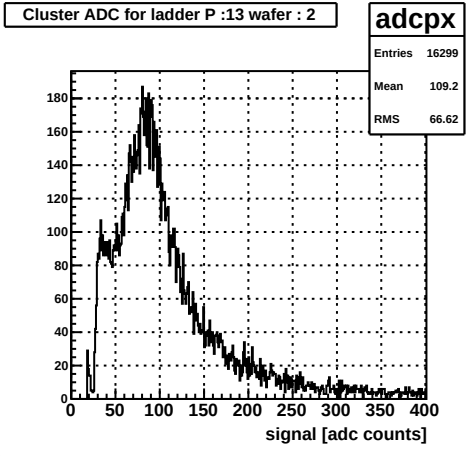

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 17550
Mean 110
RMS 67.39
signal [adc counts]

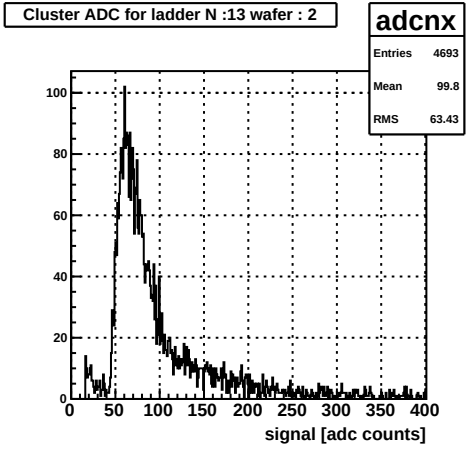

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 17791
Mean 75.49
RMS 59.1
signal [adc counts]

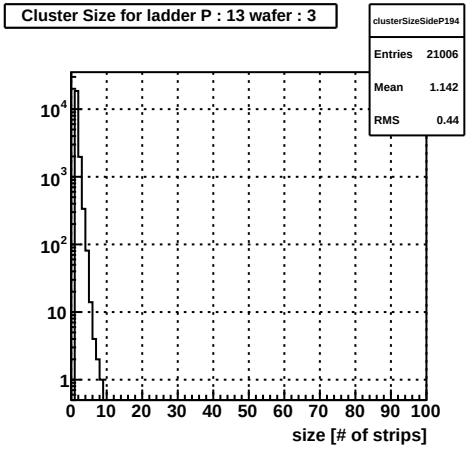

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 16299
Mean 1.407
RMS 0.6902
size [# of strips]

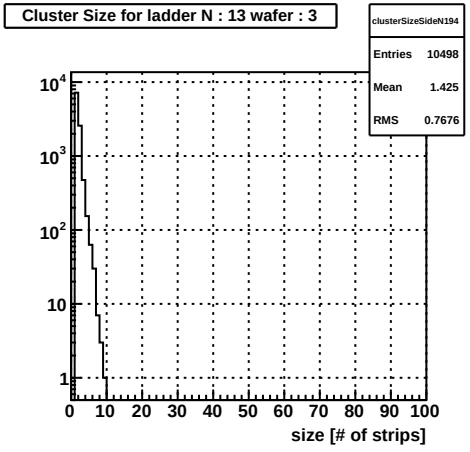

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4693
Mean 1.231
RMS 0.6111
size [# of strips]

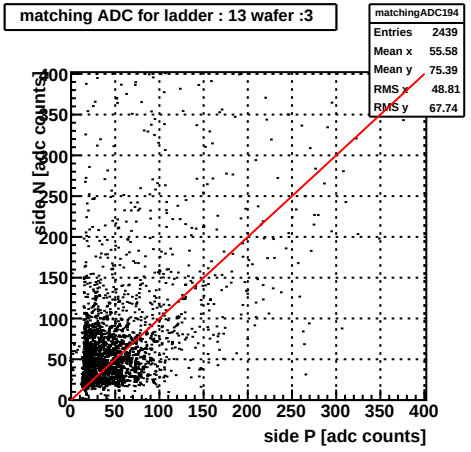

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 4501
Mean x 118.2
Mean y 92.91
RMS x 69.54
RMS y 57.34
side N [adc counts]
side P [adc counts]

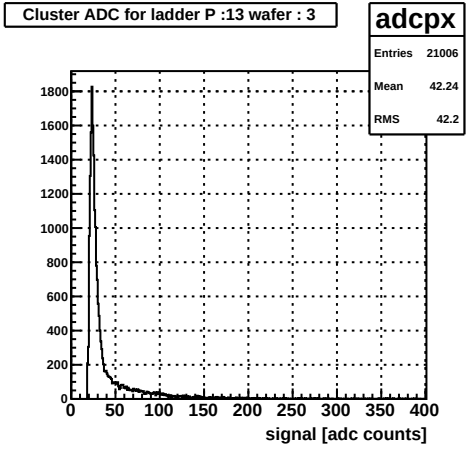

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 16299
Mean 109.2
RMS 66.62
signal [adc counts]

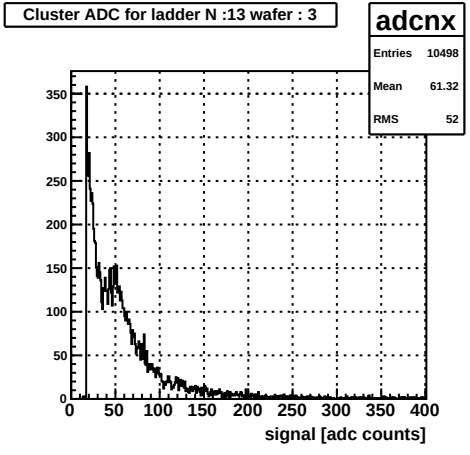

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4693
Mean 99.8
RMS 63.43
signal [adc counts]

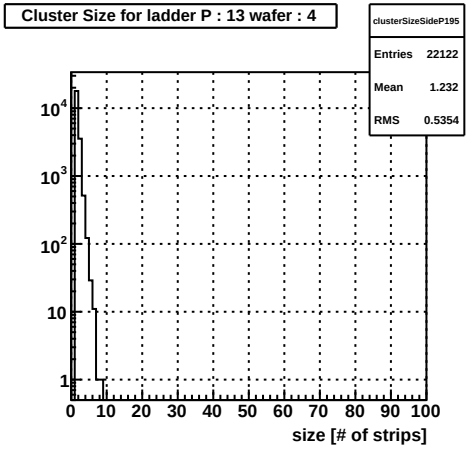

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 21006
Mean 1.142
RMS 0.44
size [# of strips]

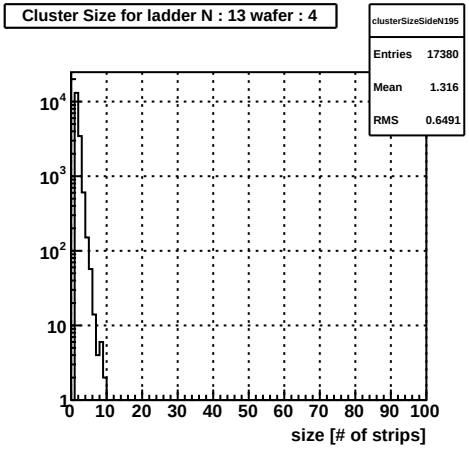

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 10498
Mean 1.425
RMS 0.7676
size [# of strips]

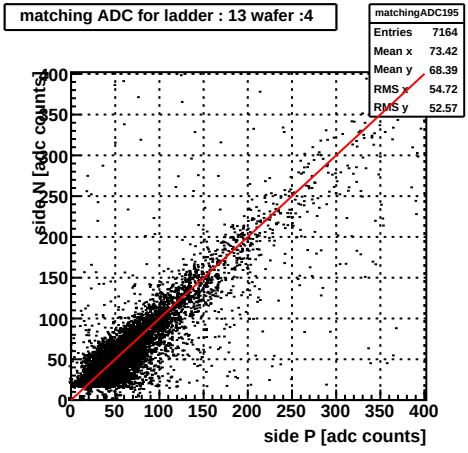

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 2439
Mean x 55.58
Mean y 75.39
RMS x 48.81
RMS y 67.74
side N [adc counts]
side P [adc counts]

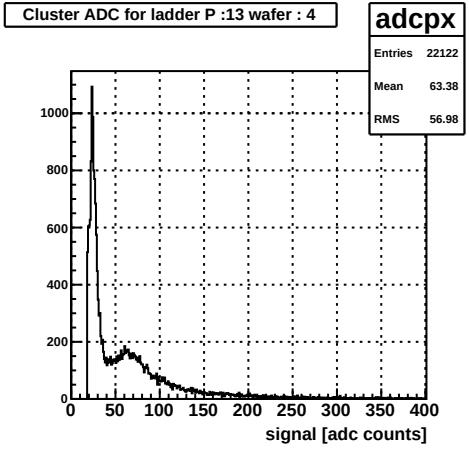

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 21006
Mean 42.24
RMS 42.2
signal [adc counts]

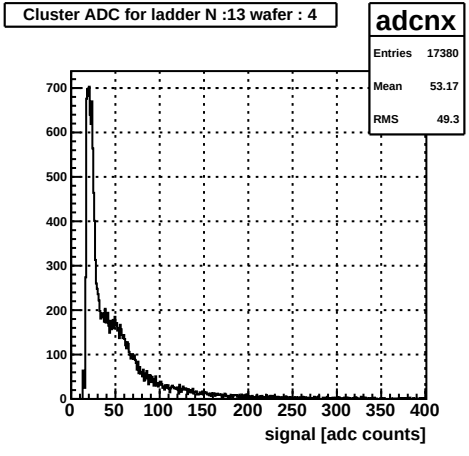

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 10498
Mean 61.32
RMS 52
signal [adc counts]

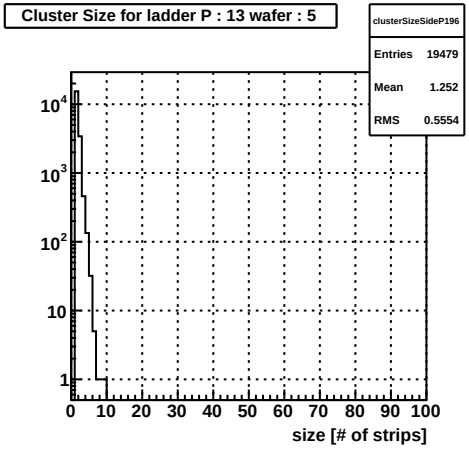

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 22122
Mean 1.232
RMS 0.5354
size [# of strips]

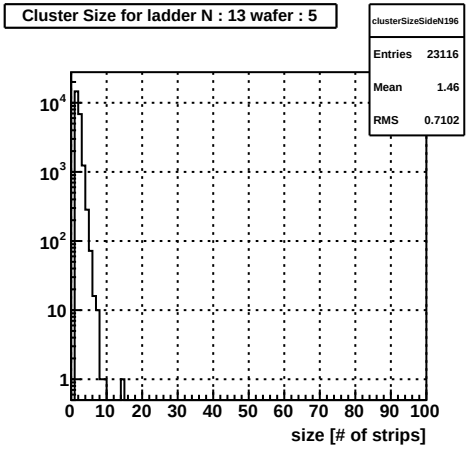

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 17380
Mean 1.316
RMS 0.6491
size [# of strips]

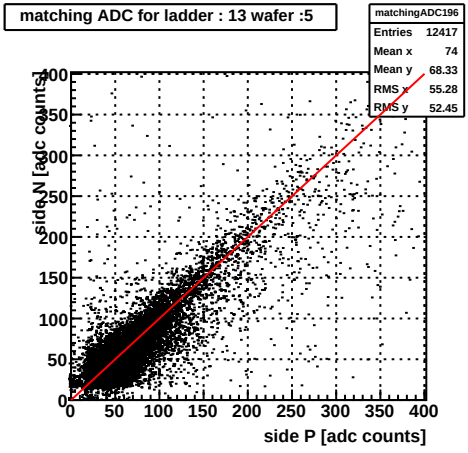

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 7164
Mean x 73.42
Mean y 68.39
RMS x 54.72
RMS y 52.57
side N [adc counts]
side P [adc counts]

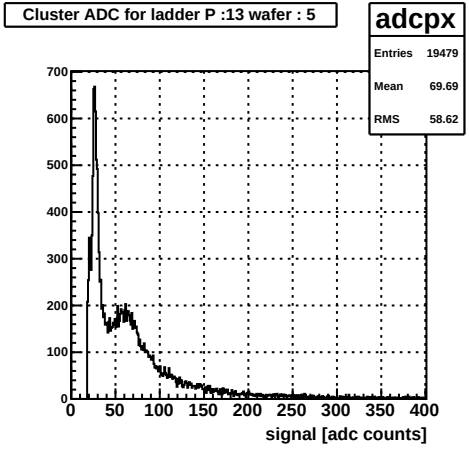

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 22122
Mean 63.38
RMS 56.98
signal [adc counts]

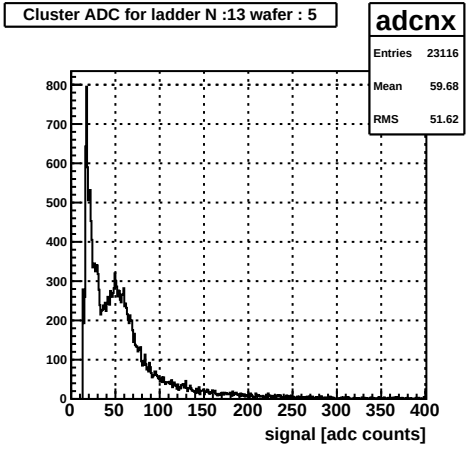

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 17380
Mean 53.17
RMS 49.3
signal [adc counts]

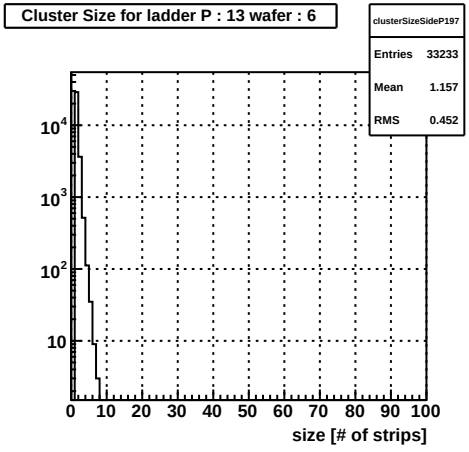

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 19479
Mean 1.252
RMS 0.5554
size [# of strips]

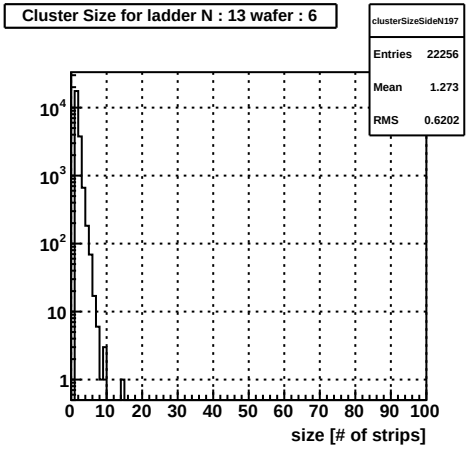

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 23116
Mean 1.46
RMS 0.7102
size [# of strips]

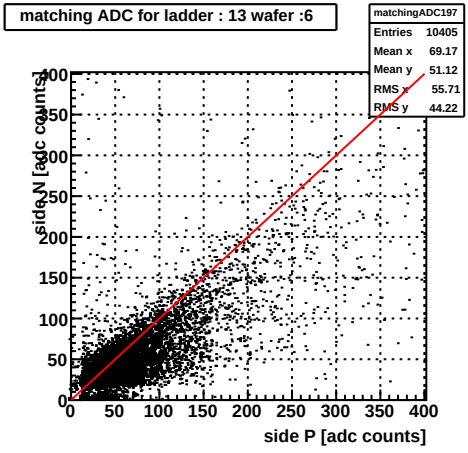

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 12417
Mean x 74
Mean y 68.33
RMS x 55.28
RMS y 52.45
side N [adc counts]
side P [adc counts]

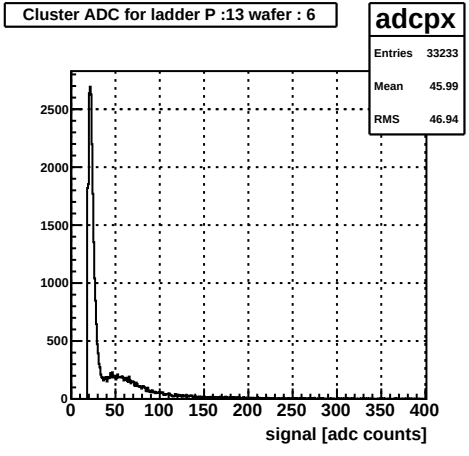

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 19479
Mean 69.69
RMS 58.62
signal [adc counts]

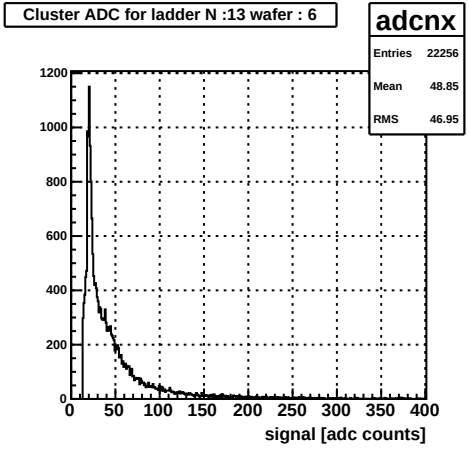

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 23116
Mean 59.68
RMS 51.62
signal [adc counts]

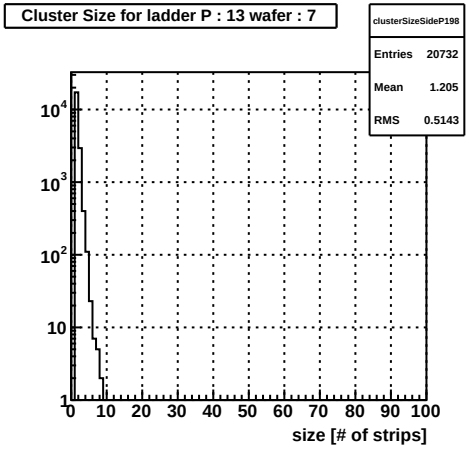

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 33233
Mean 1.157
RMS 0.452
size [# of strips]

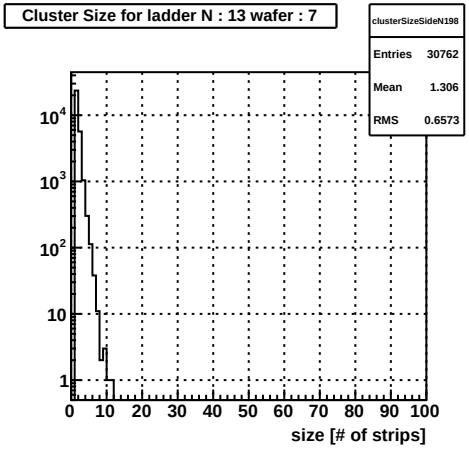

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 22256
Mean 1.273
RMS 0.6202
size [# of strips]

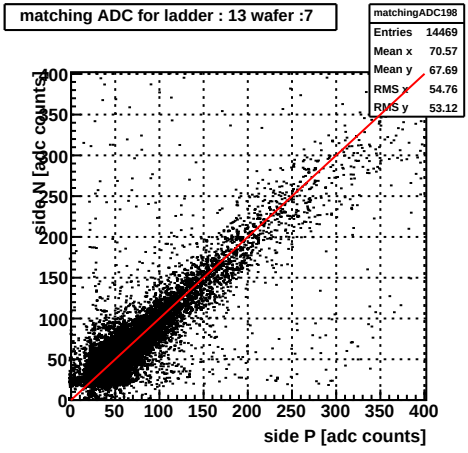

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 10405
Mean x 69.17
Mean y 51.12
RMS x 55.71
RMS y 44.22
side N [adc counts]
side P [adc counts]

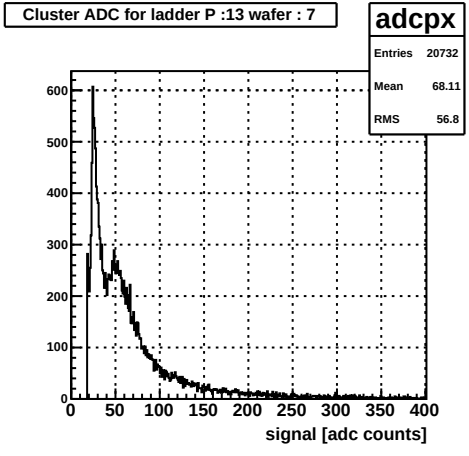

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 33233
Mean 45.99
RMS 46.94
signal [adc counts]

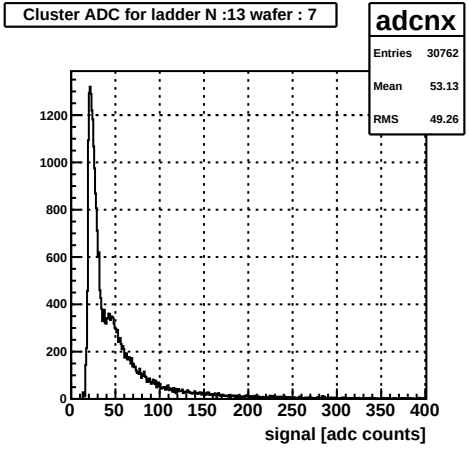

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 22256
Mean 48.85
RMS 46.95
signal [adc counts]

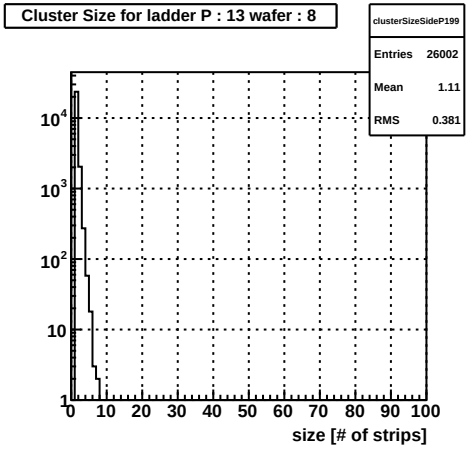

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 20732
Mean 1.205
RMS 0.5143
size [# of strips]

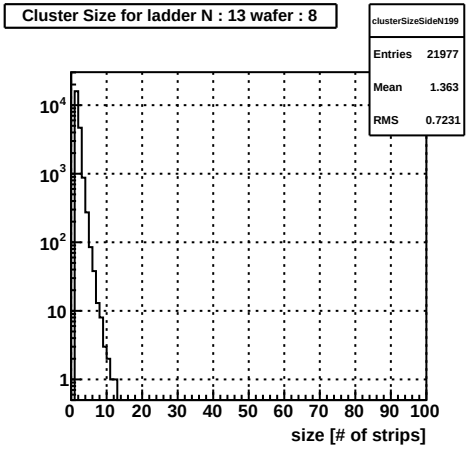

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 30762
Mean 1.306
RMS 0.6573
size [# of strips]

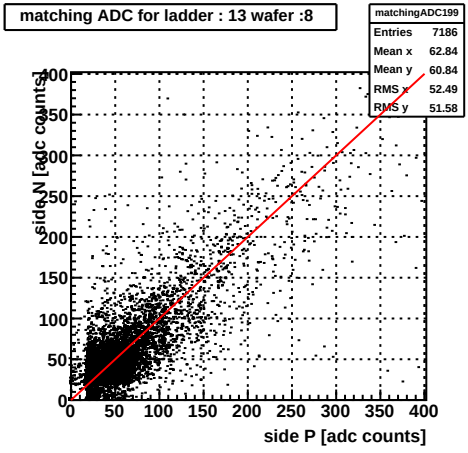

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 14469
Mean x 70.57
Mean y 67.69
RMS x 54.76
RMS y 53.12
side N [adc counts]
side P [adc counts]

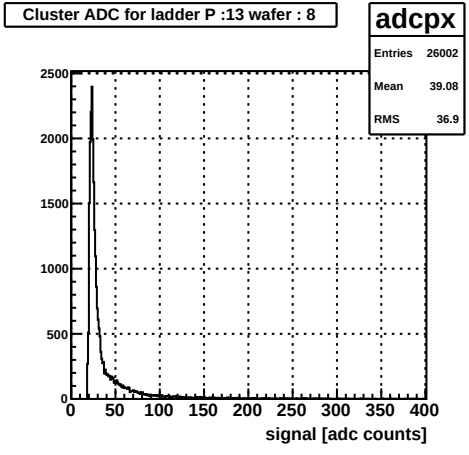

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 20732
Mean 68.11
RMS 56.8
signal [adc counts]

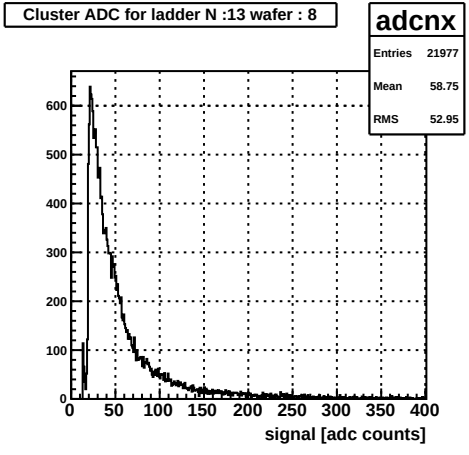

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 30762
Mean 53.13
RMS 49.26
signal [adc counts]

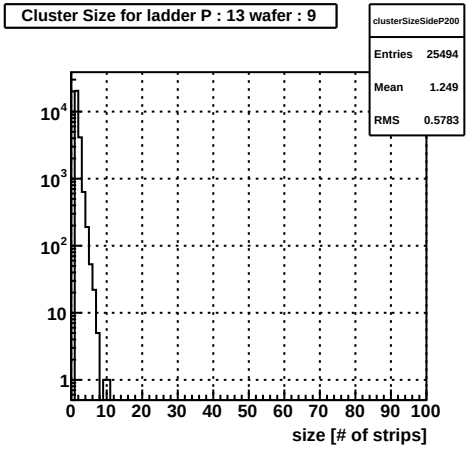

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 26002
Mean 1.11
RMS 0.381
size [# of strips]

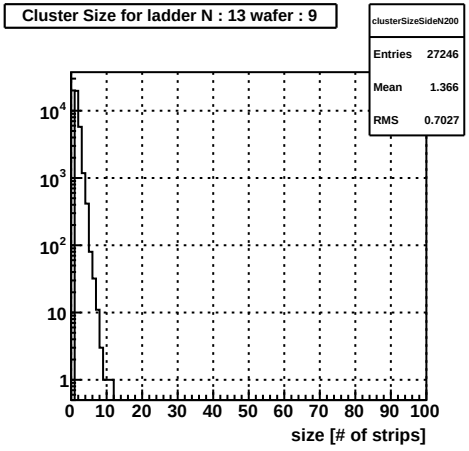

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 21977
Mean 1.363
RMS 0.7231
size [# of strips]

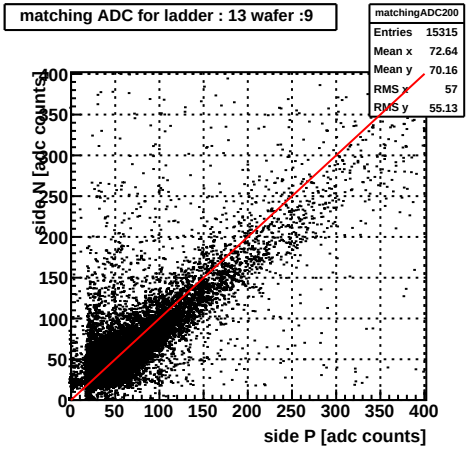

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 7186
Mean x 62.84
Mean y 60.84
RMS x 52.49
RMS y 51.58
side N [adc counts]
side P [adc counts]

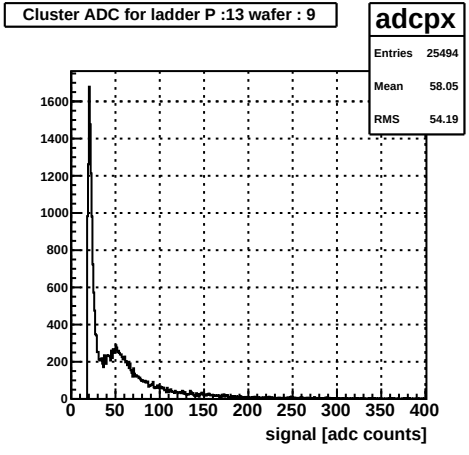

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 26002
Mean 39.08
RMS 36.9
signal [adc counts]

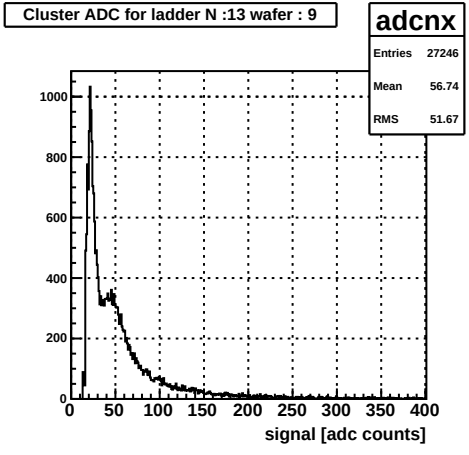

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 21977
Mean 58.75
RMS 52.95
signal [adc counts]

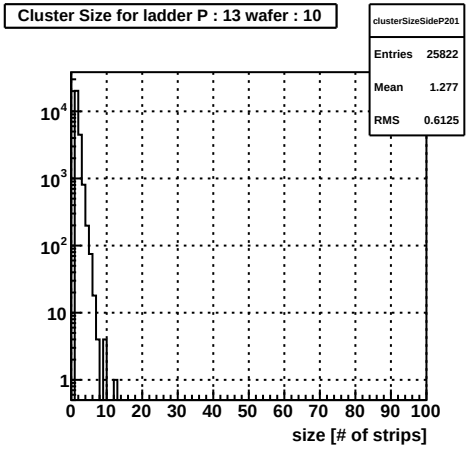

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 25494
Mean 1.249
RMS 0.5783
size [# of strips]

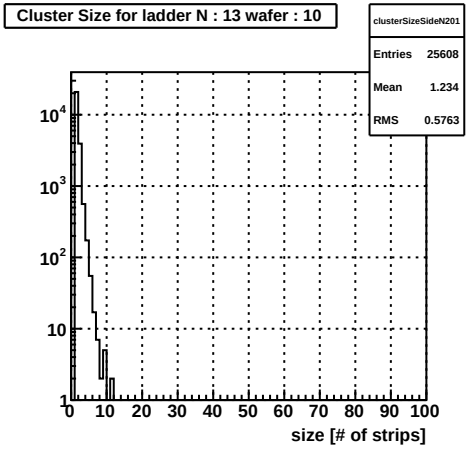

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 27246
Mean 1.366
RMS 0.7027
size [# of strips]

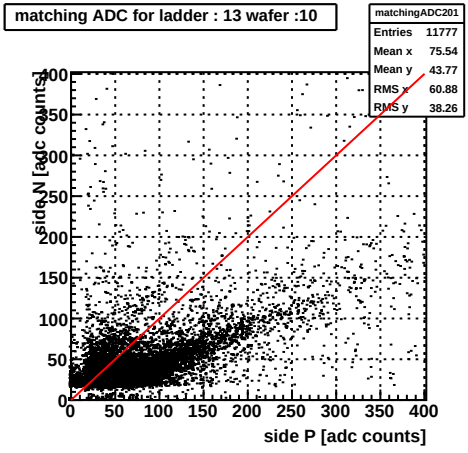

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 15315
Mean x 72.64
Mean y 70.16
RMS x 57
RMS y 55.13
side N [adc counts]
side P [adc counts]

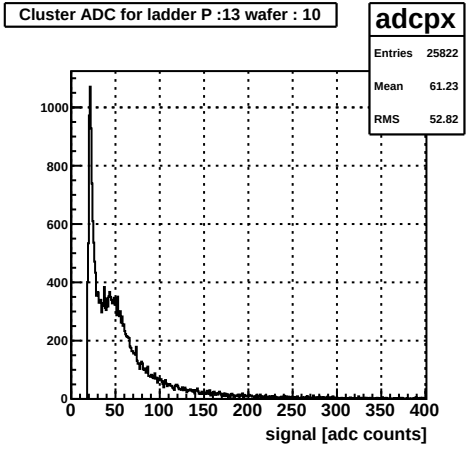

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 25494
Mean 58.05
RMS 54.19
signal [adc counts]

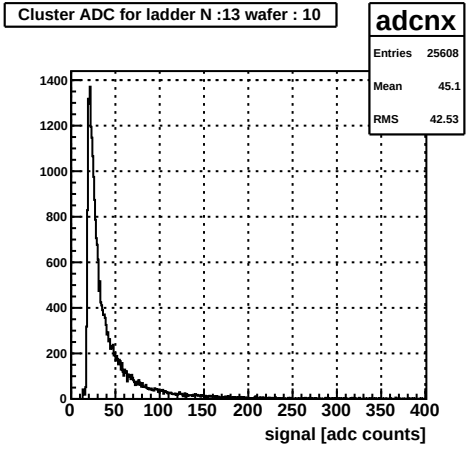

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 27246
Mean 56.74
RMS 51.67
signal [adc counts]

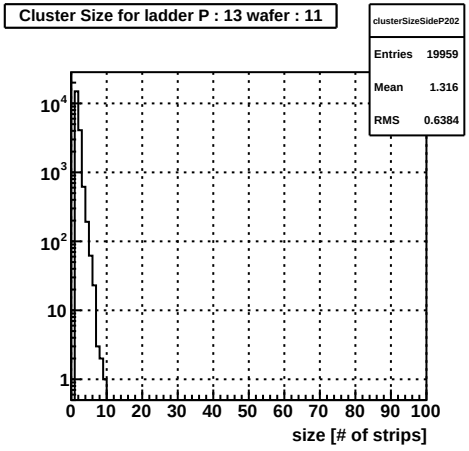

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 25822
Mean 1.277
RMS 0.6125
size [# of strips]

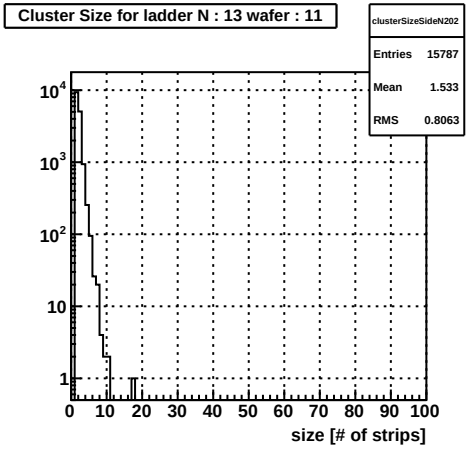

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 25608
Mean 1.234
RMS 0.5763
size [# of strips]

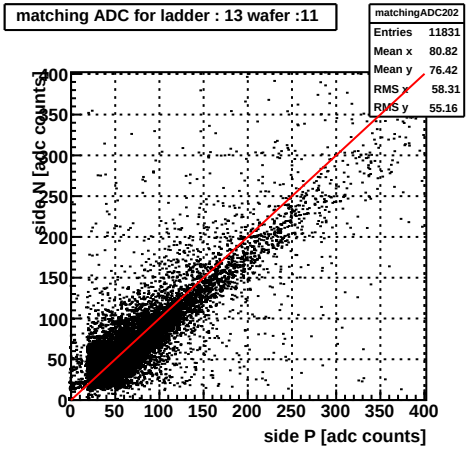

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 11777
Mean x 75.54
Mean y 43.77
RMS x 60.88
RMS y 38.26
side N [adc counts]
side P [adc counts]

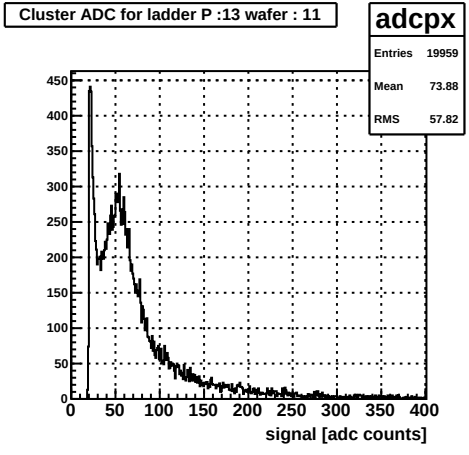

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 25822
Mean 61.23
RMS 52.82
signal [adc counts]

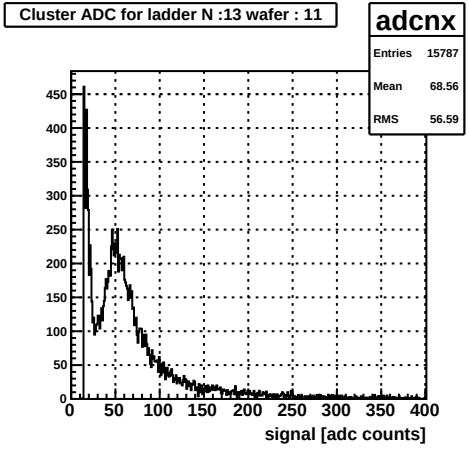

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 25608
Mean 45.1
RMS 42.53
signal [adc counts]

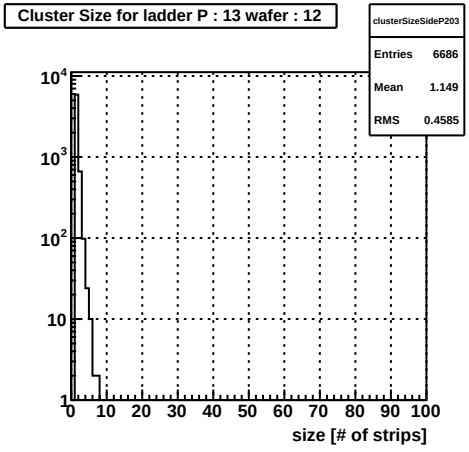

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 19959
Mean 1.316
RMS 0.6384
size [# of strips]

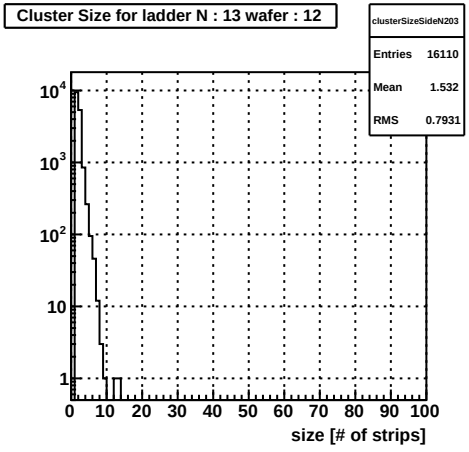

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 15787
Mean 1.533
RMS 0.8063
size [# of strips]

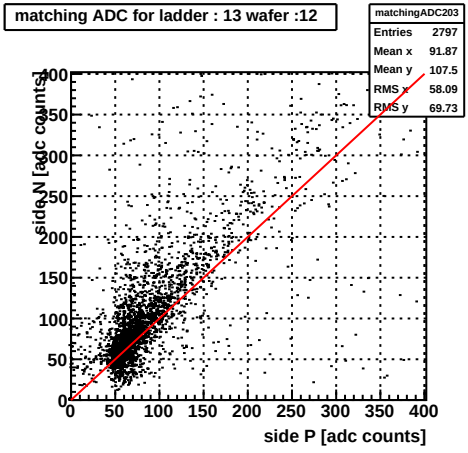

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 11831
Mean x 80.82
Mean y 76.42
RMS x 58.31
RMS y 55.16
side N [adc counts]
side P [adc counts]

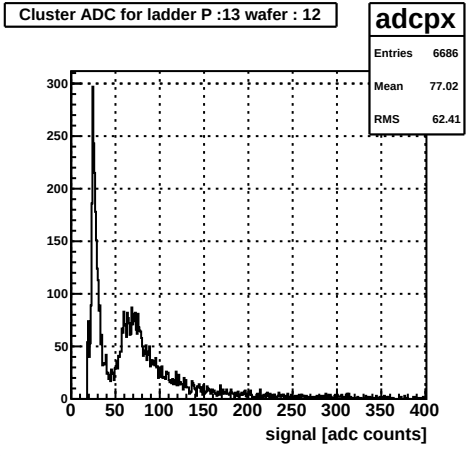

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 19959
Mean 73.88
RMS 57.82
signal [adc counts]

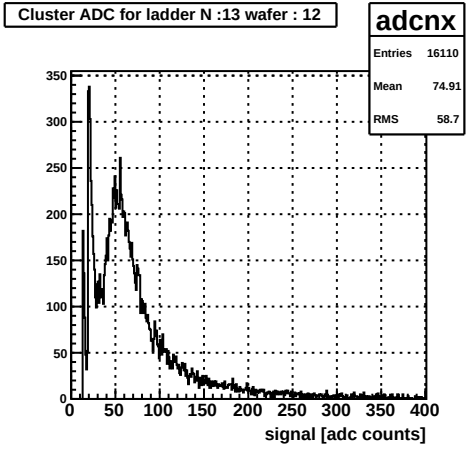

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 15787
Mean 68.56
RMS 56.59
signal [adc counts]

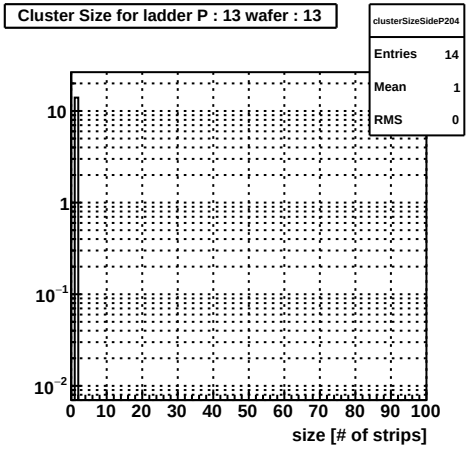

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6686
Mean 1.149
RMS 0.4585
size [# of strips]

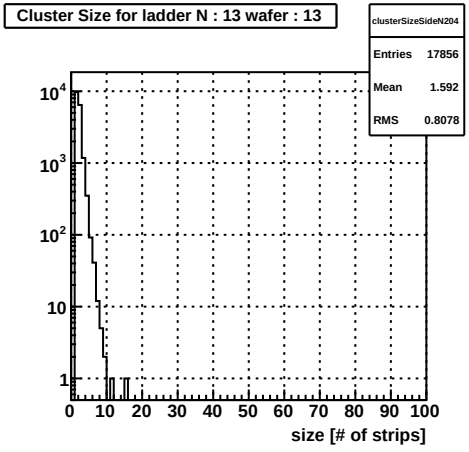

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 16110
Mean 1.532
RMS 0.7931
size [# of strips]

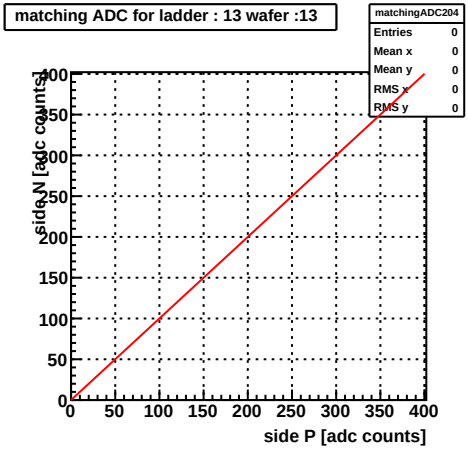

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2797
Mean x 91.87
Mean y 107.5
RMS x 58.09
RMS y 69.73
side N [adc counts]
side P [adc counts]

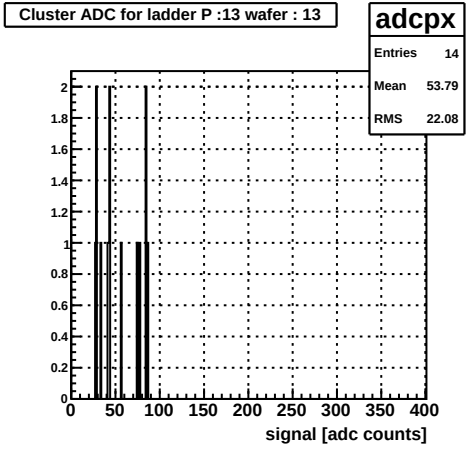

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6686
Mean 77.02
RMS 62.41
signal [adc counts]

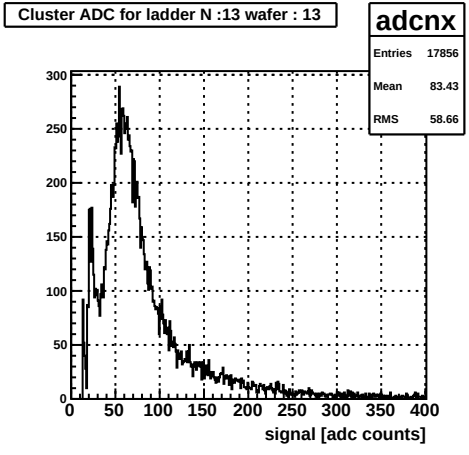

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 16110
Mean 74.91
RMS 58.7
signal [adc counts]

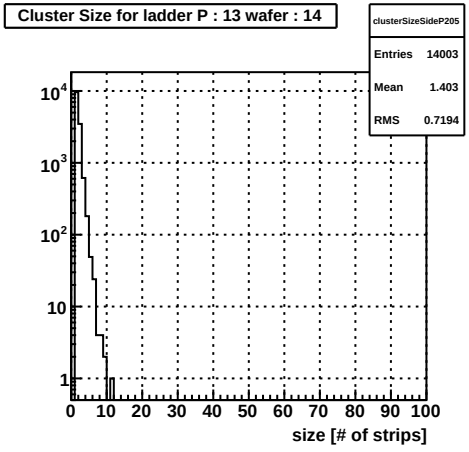

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 14
Mean 1
RMS 0
size [# of strips]

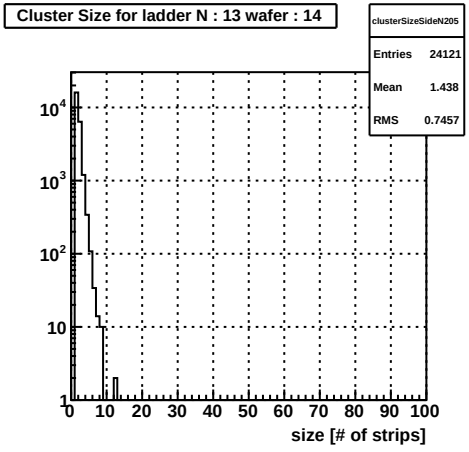

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 17856
Mean 1.592
RMS 0.8078
size [# of strips]

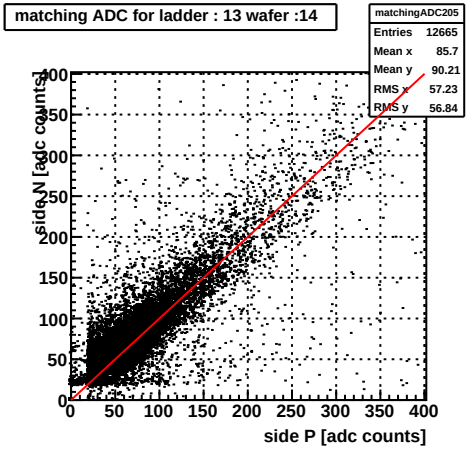

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

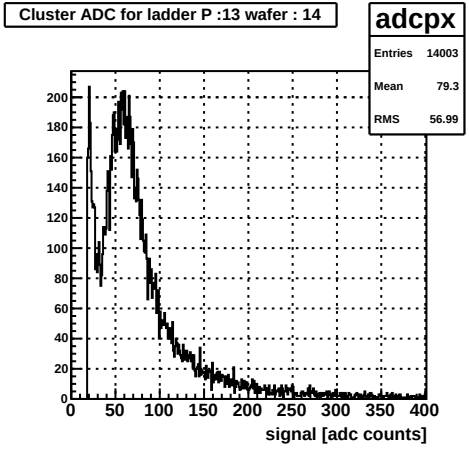

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 14
Mean 53.79
RMS 22.08
signal [adc counts]

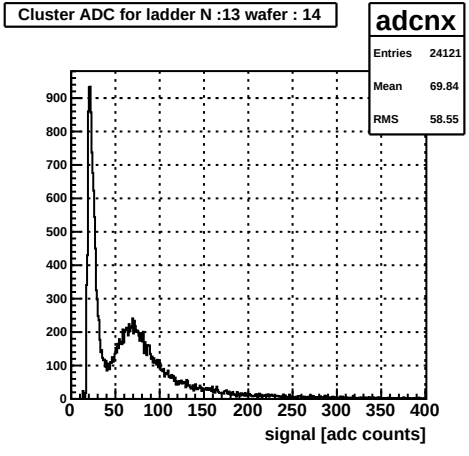

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 17856
Mean 83.43
RMS 58.66
signal [adc counts]

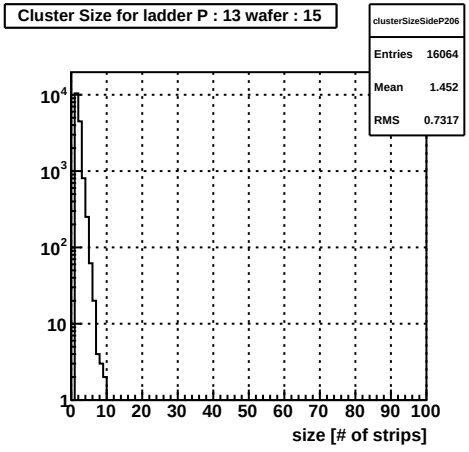

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 14003
Mean 1.403
RMS 0.7194
size [# of strips]

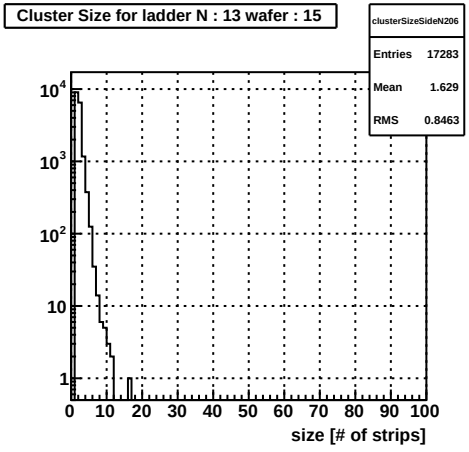

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 24121
Mean 1.438
RMS 0.7457
size [# of strips]

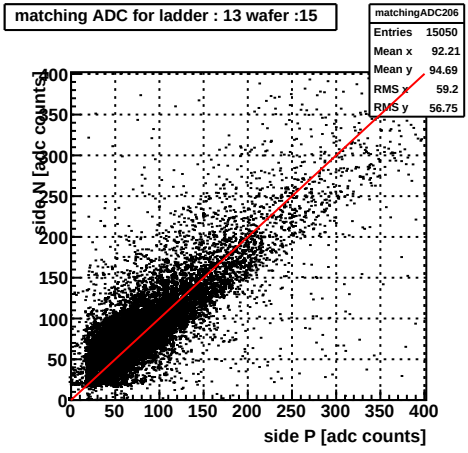

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 12665
Mean x 85.7
Mean y 90.21
RMS x 57.23
RMS y 56.84
side N [adc counts]
side P [adc counts]

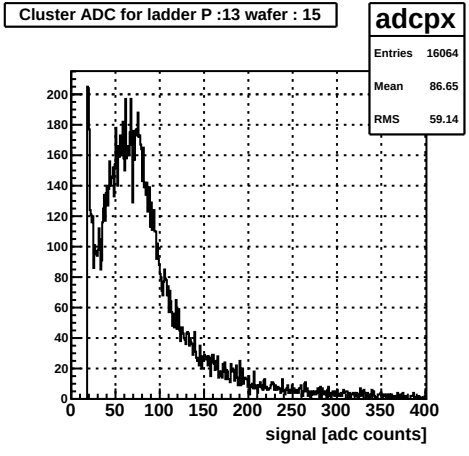

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 14003
Mean 79.3
RMS 56.99
signal [adc counts]

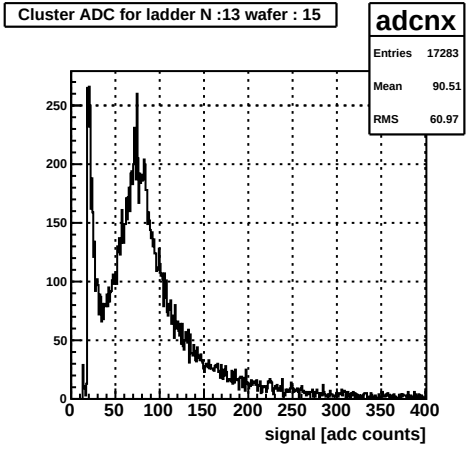

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 24121
Mean 69.84
RMS 58.55
signal [adc counts]

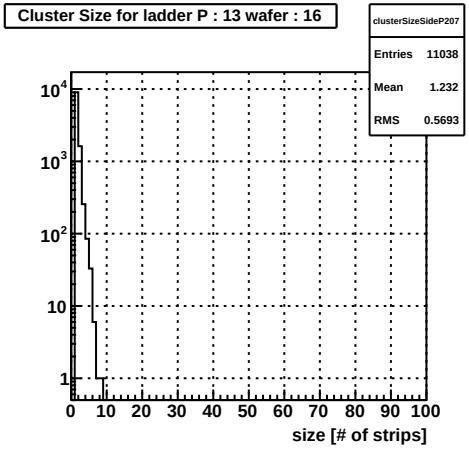

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 16064
Mean 1.452
RMS 0.7317
size [# of strips]

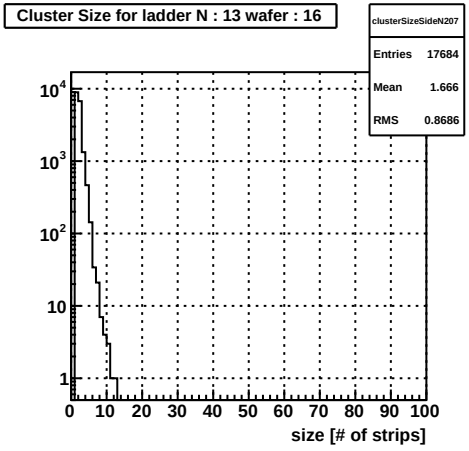

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 17283
Mean 1.629
RMS 0.8463
size [# of strips]

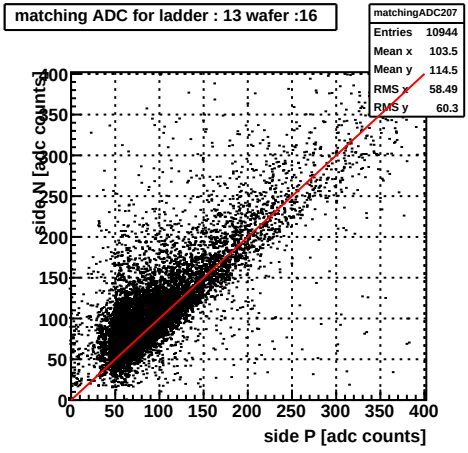

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 15050
Mean x 92.21
Mean y 94.69
RMS x 59.2
RMS y 56.75
side N [adc counts]
side P [adc counts]

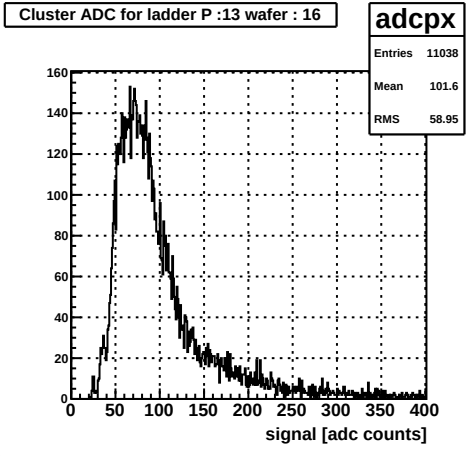

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 16064
Mean 86.65
RMS 59.14
signal [adc counts]

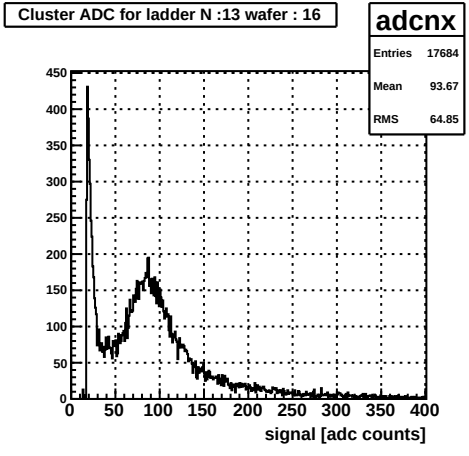

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 17283
Mean 90.51
RMS 60.97
signal [adc counts]

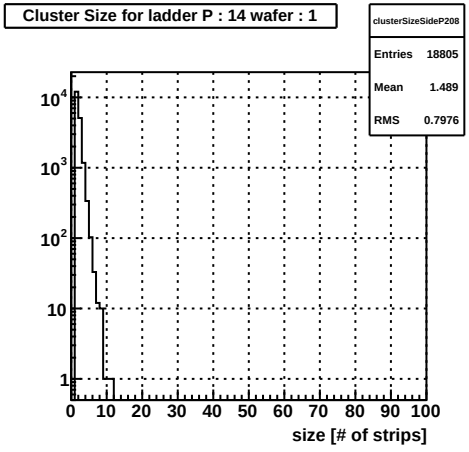

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 11038
Mean 1.232
RMS 0.5693
size [# of strips]

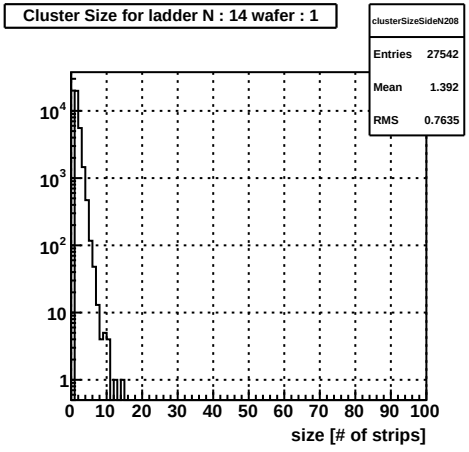

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 17684
Mean 1.666
RMS 0.8686
size [# of strips]

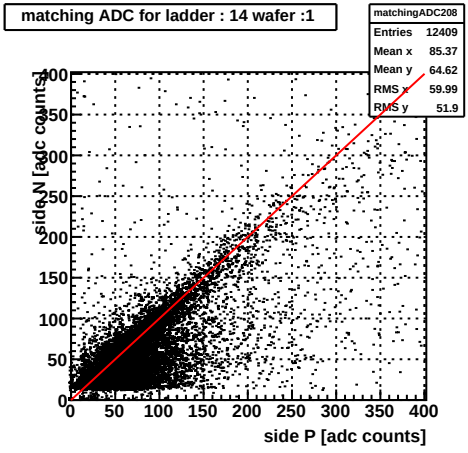

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 10944
Mean x 103.5
Mean y 114.5
RMS x 58.49
RMS y 60.3
side N [adc counts]
side P [adc counts]

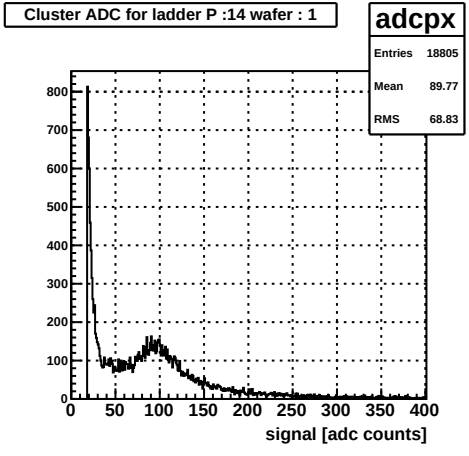

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 11038
Mean 101.6
RMS 58.95
signal [adc counts]

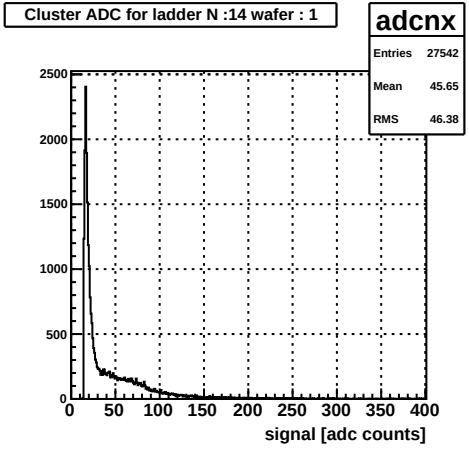

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 17684
Mean 93.67
RMS 64.85
signal [adc counts]

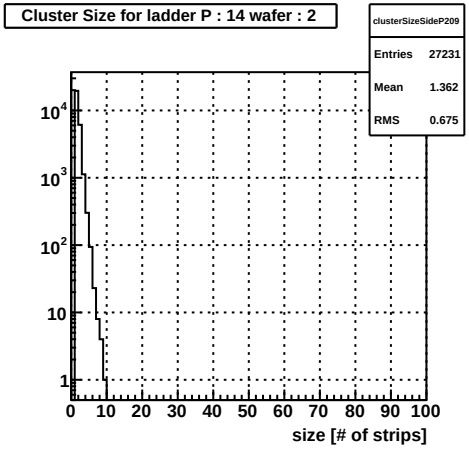

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 18805
Mean 1.489
RMS 0.7976
size [# of strips]

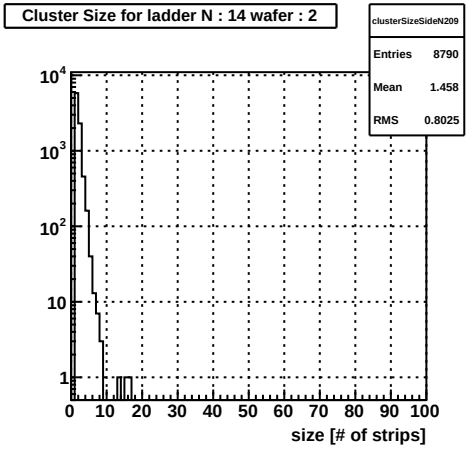

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 27542
Mean 1.392
RMS 0.7635
size [# of strips]

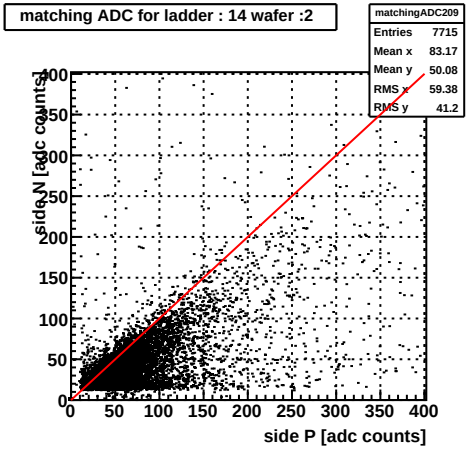

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 12409
Mean x 85.37
Mean y 64.62
RMS x 59.99
RMS y 51.9
side N [adc counts]
side P [adc counts]

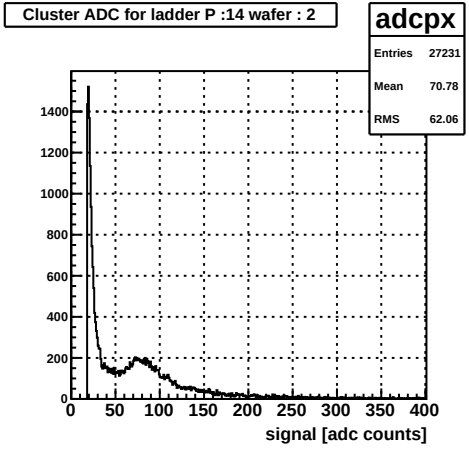

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 18805
Mean 89.77
RMS 68.83
signal [adc counts]

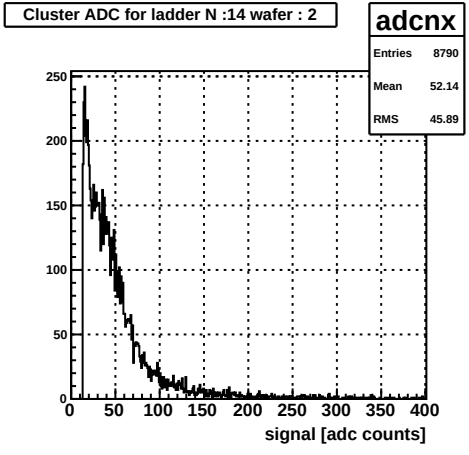

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 27542
Mean 45.65
RMS 46.38
signal [adc counts]

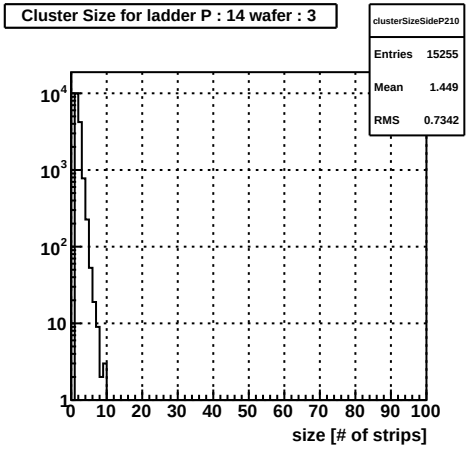

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 27231
Mean 1.362
RMS 0.675
size [# of strips]

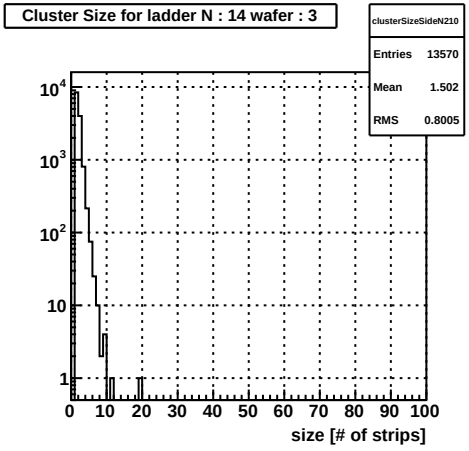

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 8790
Mean 1.458
RMS 0.8025
size [# of strips]

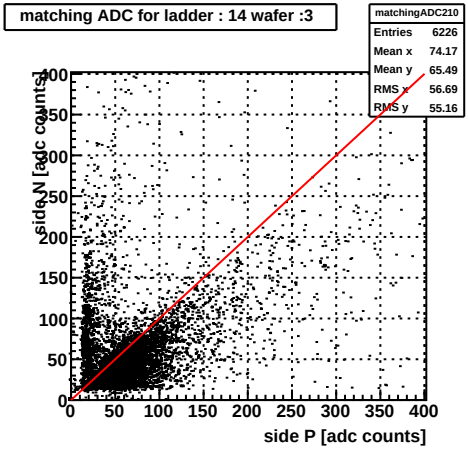

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 7715
Mean x 83.17
Mean y 50.08
RMS x 59.38
RMS y 41.2
side N [adc counts]
side P [adc counts]

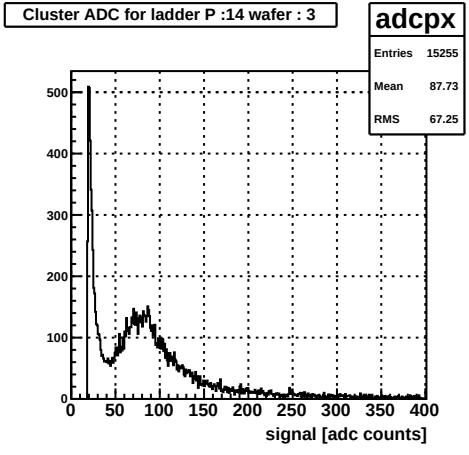

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 27231
Mean 70.78
RMS 62.06
signal [adc counts]

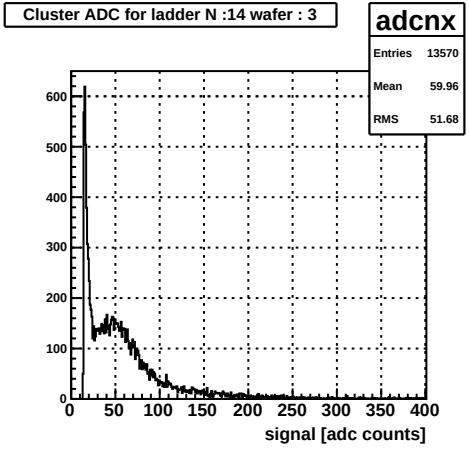

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 8790
Mean 52.14
RMS 45.89
signal [adc counts]

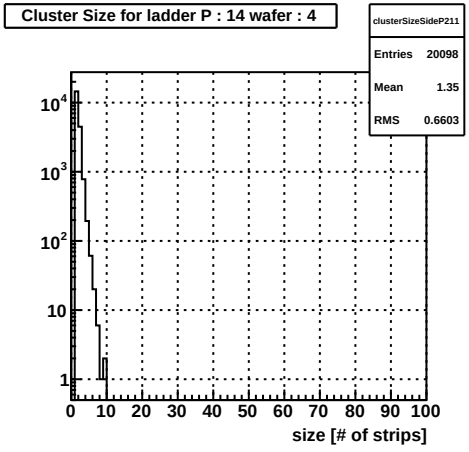

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 15255
Mean 1.449
RMS 0.7342
size [# of strips]

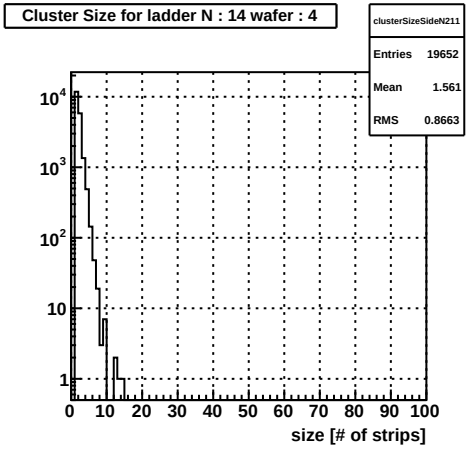

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 13570
Mean 1.502
RMS 0.8005
size [# of strips]

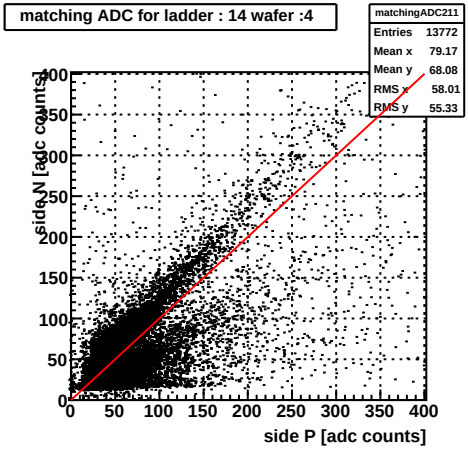

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 6226
Mean x 74.17
Mean y 65.49
RMS x 56.69
RMS y 55.16
side N [adc counts]
side P [adc counts]

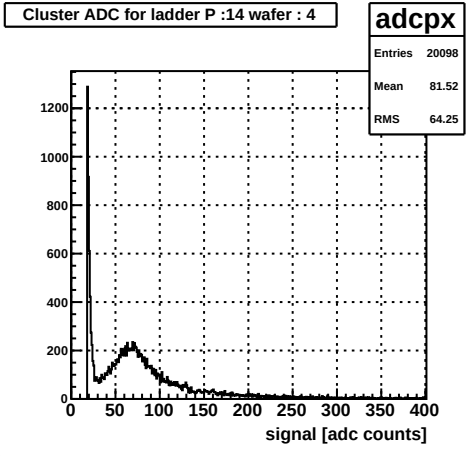

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 15255
Mean 87.73
RMS 67.25
signal [adc counts]

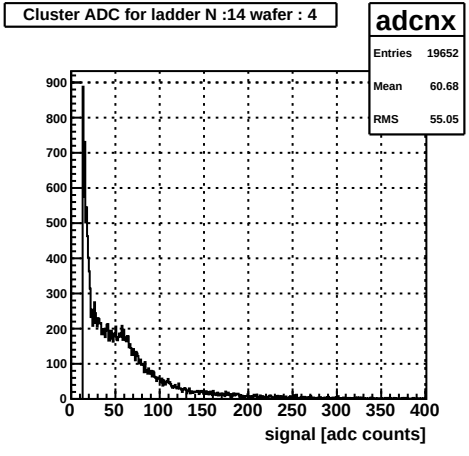

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 13570
Mean 59.96
RMS 51.68
signal [adc counts]

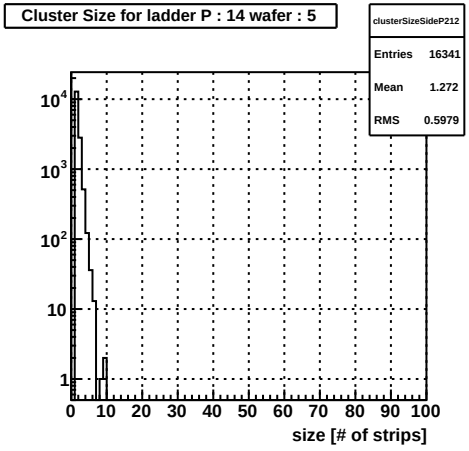

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 20098
Mean 1.35
RMS 0.6603
size [# of strips]

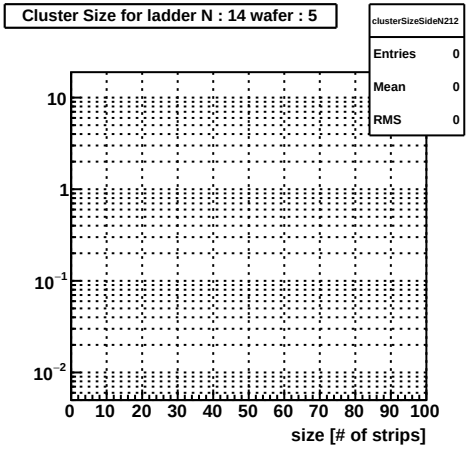

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 19652
Mean 1.561
RMS 0.8663
size [# of strips]

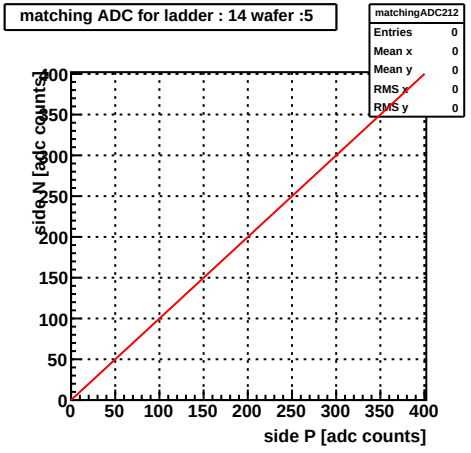

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 13772
Mean x 79.17
Mean y 68.08
RMS x 58.01
RMS y 55.33
side N [adc counts]
side P [adc counts]

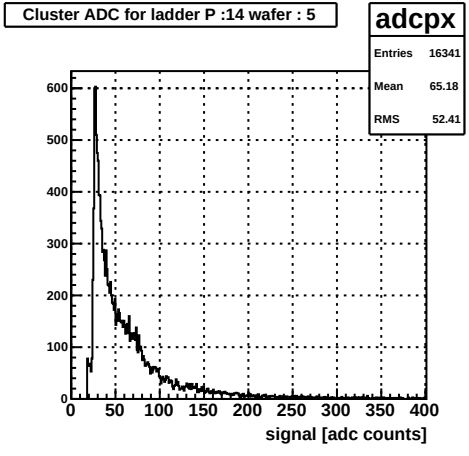

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 20098
Mean 81.52
RMS 64.25
signal [adc counts]

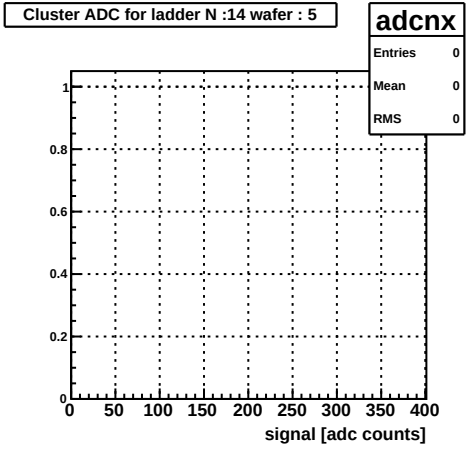

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 19652
Mean 60.68
RMS 55.05
signal [adc counts]

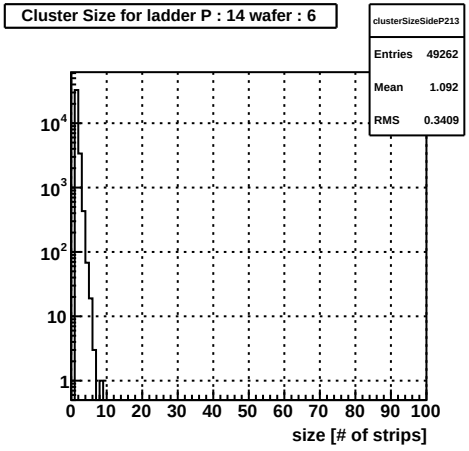

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 16341
Mean 1.272
RMS 0.5979
size [# of strips]

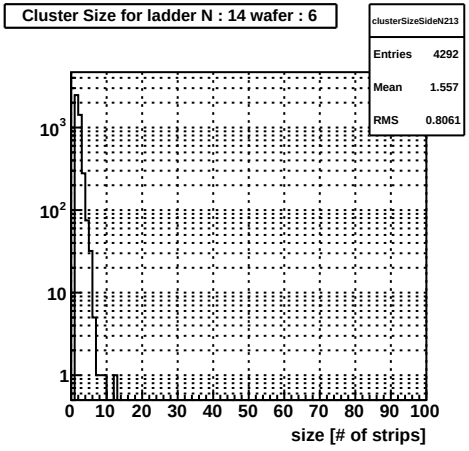

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

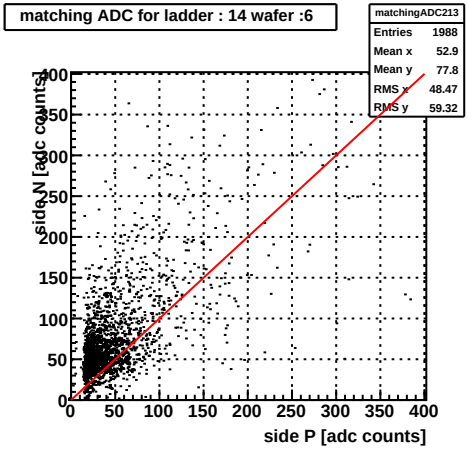

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

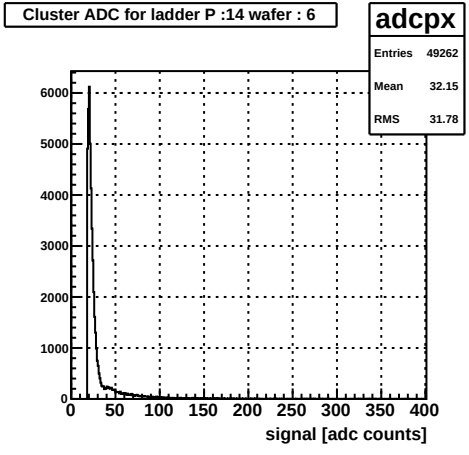

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 16341
Mean 65.18
RMS 52.41
signal [adc counts]

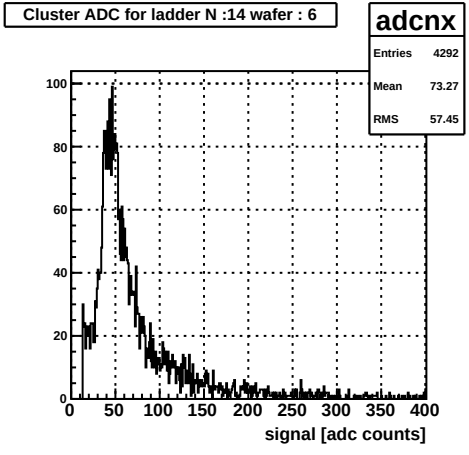

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

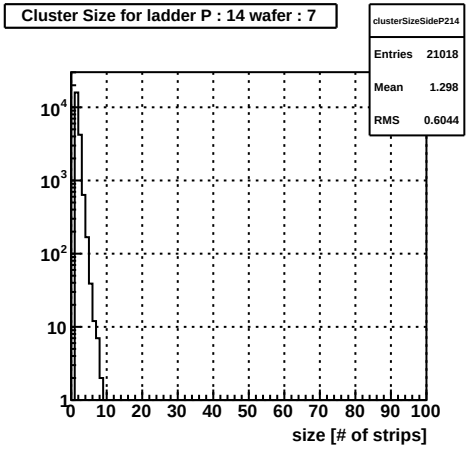

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 49262
Mean 1.092
RMS 0.3409
size [# of strips]

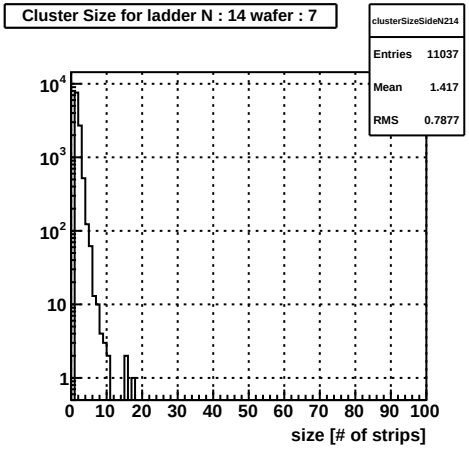

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4292
Mean 1.557
RMS 0.8061
size [# of strips]

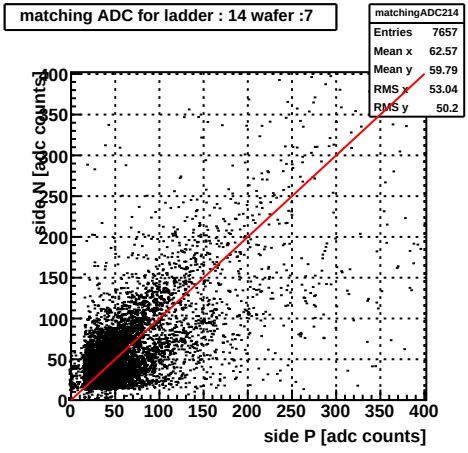

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1988
Mean x 52.9
Mean y 77.8
RMS x 48.47
RMS y 59.32
side N [adc counts]
side P [adc counts]

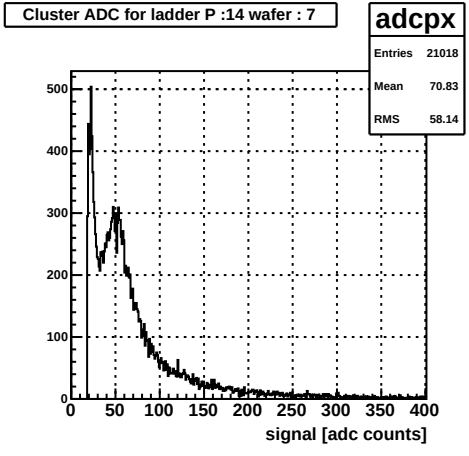

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 49262
Mean 32.15
RMS 31.78
signal [adc counts]

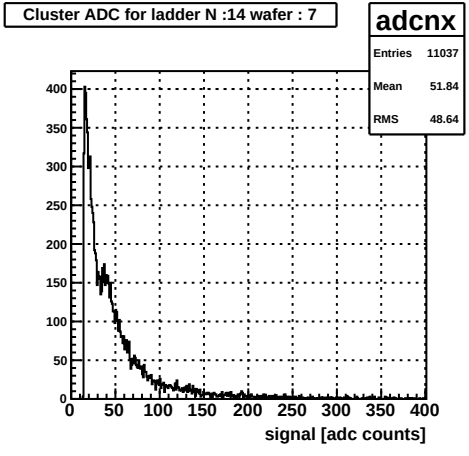

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4292
Mean 73.27
RMS 57.45
signal [adc counts]

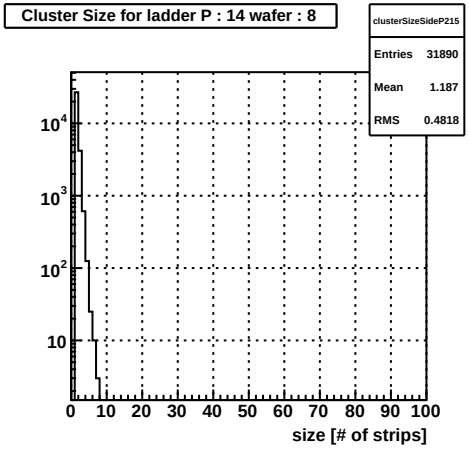

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 21018
Mean 1.298
RMS 0.6044
size [# of strips]

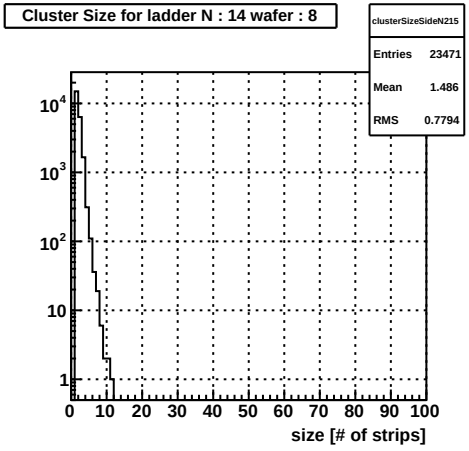

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 11037
Mean 1.417
RMS 0.7877
size [# of strips]

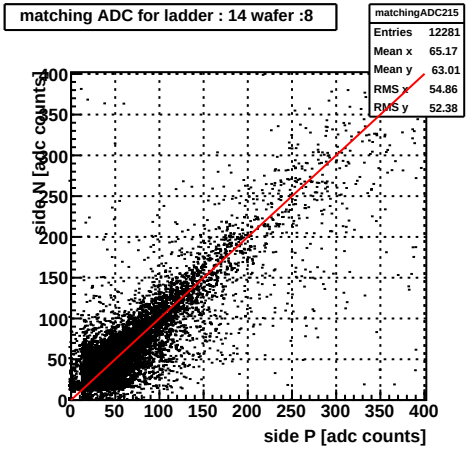

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7657
Mean x 62.57
Mean y 59.79
RMS x 53.04
RMS y 50.2
side N [adc counts]
side P [adc counts]

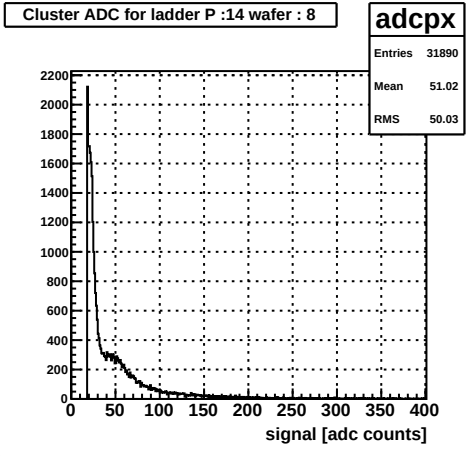

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 21018
Mean 70.83
RMS 58.14
signal [adc counts]

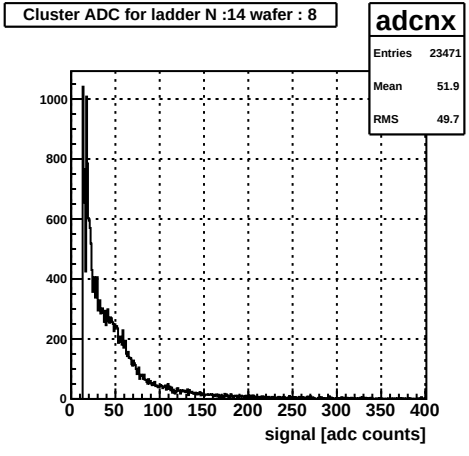

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 11037
Mean 51.84
RMS 48.64
signal [adc counts]

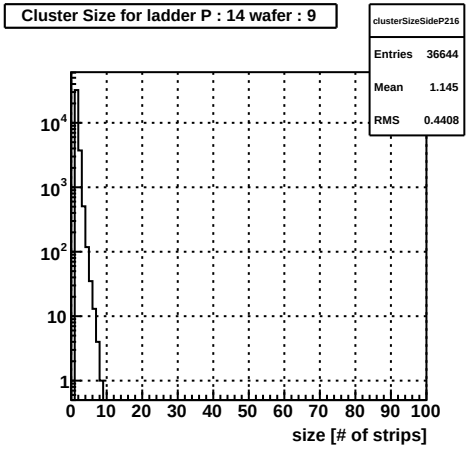

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 31890
Mean 1.187
RMS 0.4818
size [# of strips]

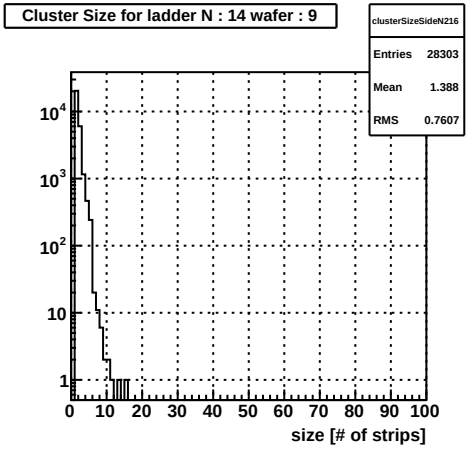

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 23471
Mean 1.486
RMS 0.7794
size [# of strips]

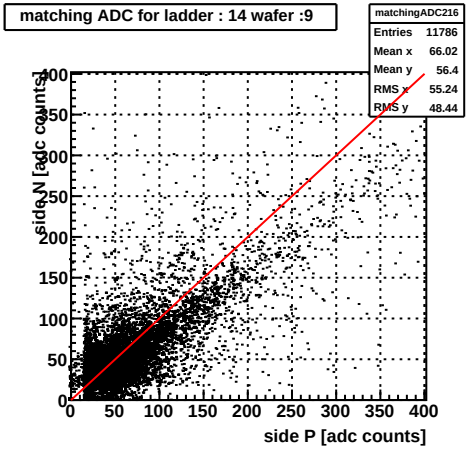

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 12281
Mean x 65.17
Mean y 63.01
RMS x 54.86
RMS y 52.38
side N [adc counts]
side P [adc counts]

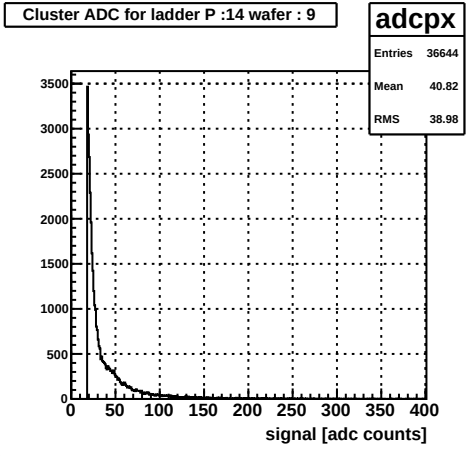

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 31890
Mean 51.02
RMS 50.03
signal [adc counts]

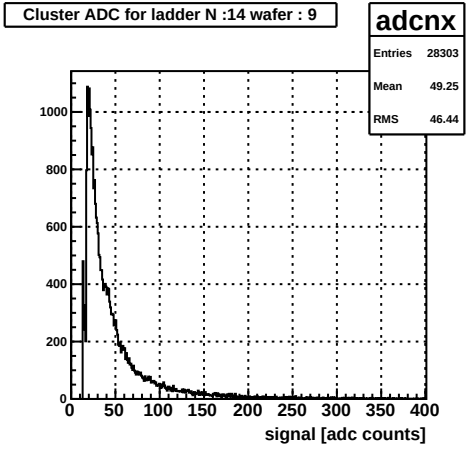

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 23471
Mean 51.9
RMS 49.7
signal [adc counts]

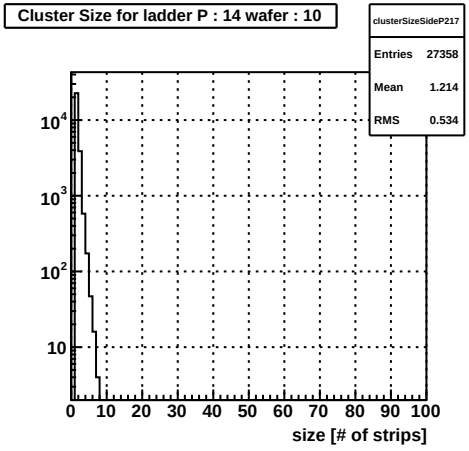

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 36644
Mean 1.145
RMS 0.4408
size [# of strips]

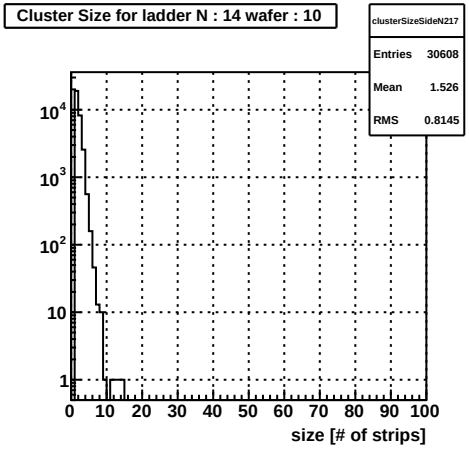

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 28303
Mean 1.388
RMS 0.7607
size [# of strips]

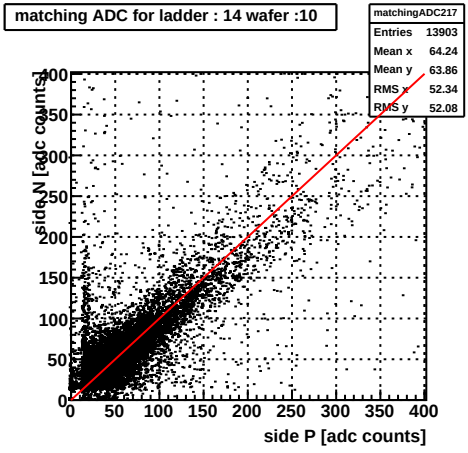

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 11786
Mean x 66.02
Mean y 56.4
RMS x 55.24
RMS y 48.44
side N [adc counts]
side P [adc counts]

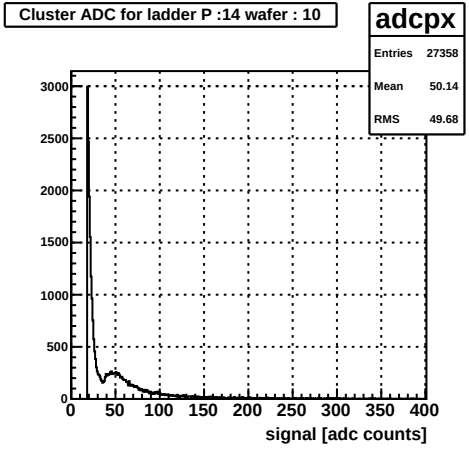

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 36644
Mean 40.82
RMS 38.98
signal [adc counts]

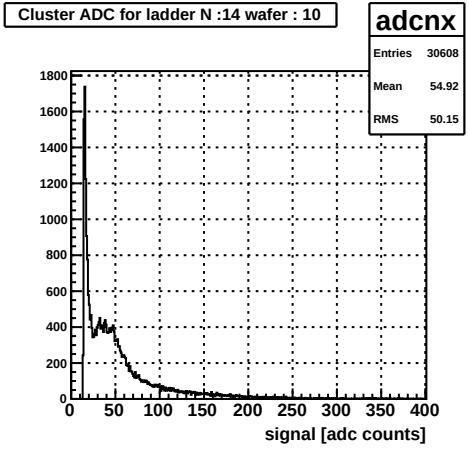

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 28303
Mean 49.25
RMS 46.44
signal [adc counts]

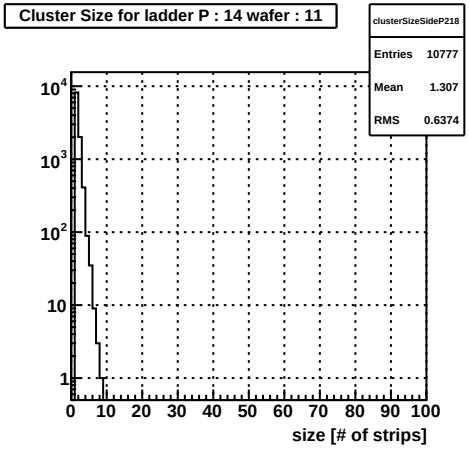

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 27358
Mean 1.214
RMS 0.534
size [# of strips]

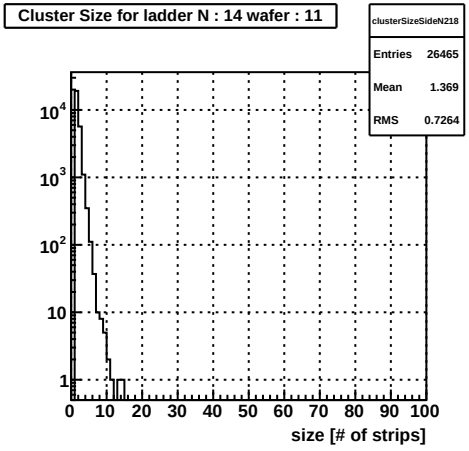

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 30608
Mean 1.526
RMS 0.8145
size [# of strips]

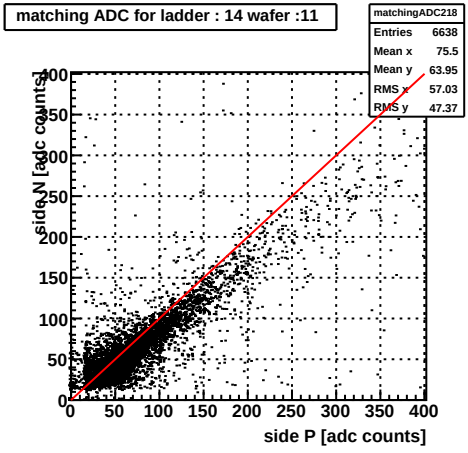

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 13903
Mean x 64.24
Mean y 63.86
RMS x 52.34
RMS y 52.08
side N [adc counts]
side P [adc counts]

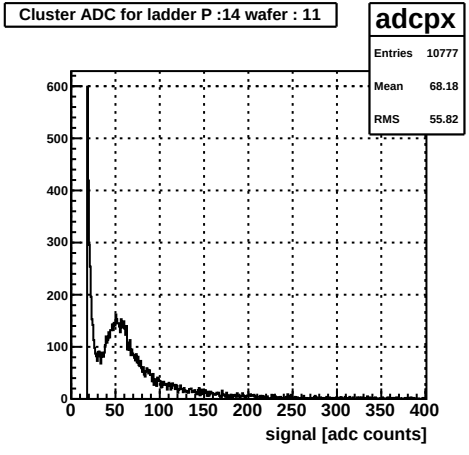

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 27358
Mean 50.14
RMS 49.68
signal [adc counts]

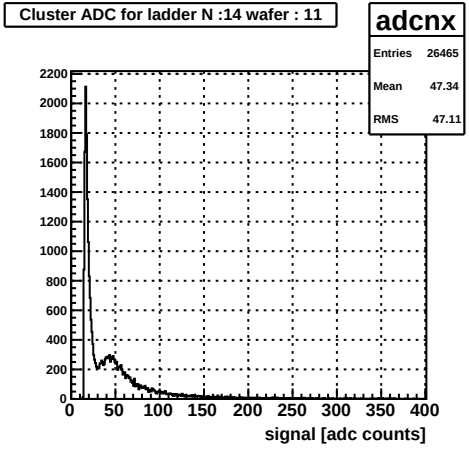

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 30608
Mean 54.92
RMS 50.15
signal [adc counts]

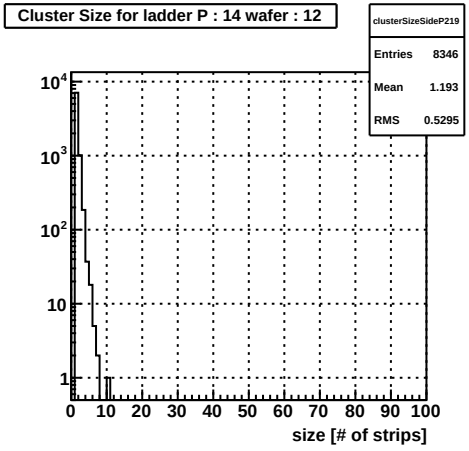

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 10777
Mean 1.307
RMS 0.6374
size [# of strips]

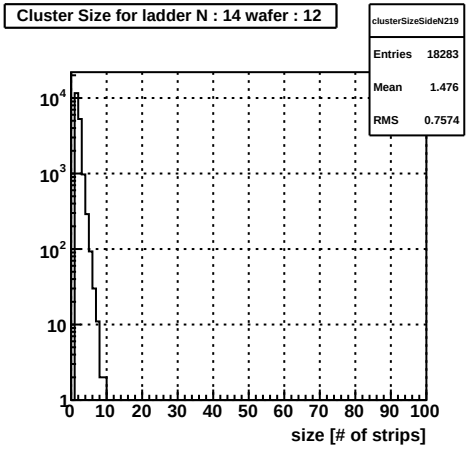

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 26465
Mean 1.369
RMS 0.7264
size [# of strips]

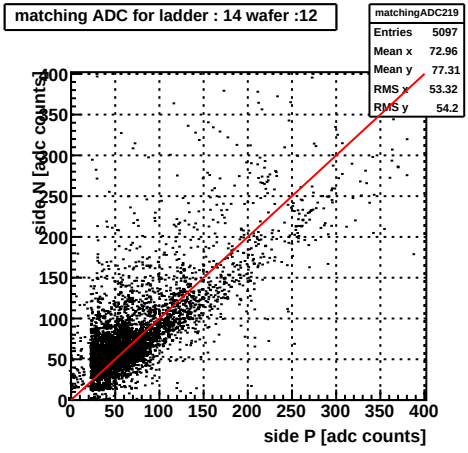

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 6638
Mean x 75.5
Mean y 63.95
RMS x 57.03
RMS y 47.37
side N [adc counts]
side P [adc counts]

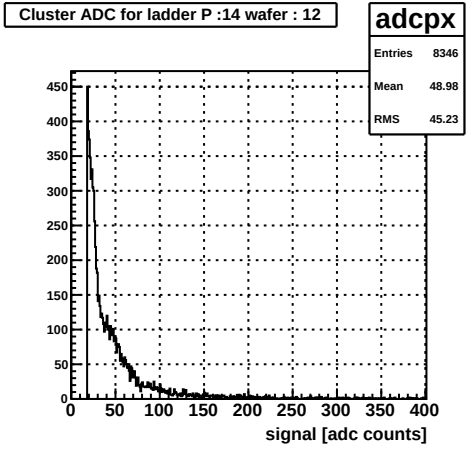

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 10777
Mean 68.18
RMS 55.82
signal [adc counts]

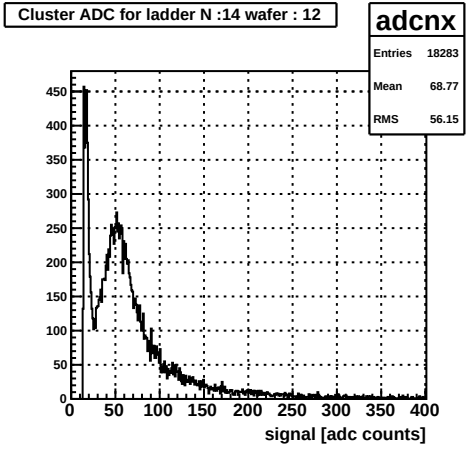

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 26465
Mean 47.34
RMS 47.11
signal [adc counts]

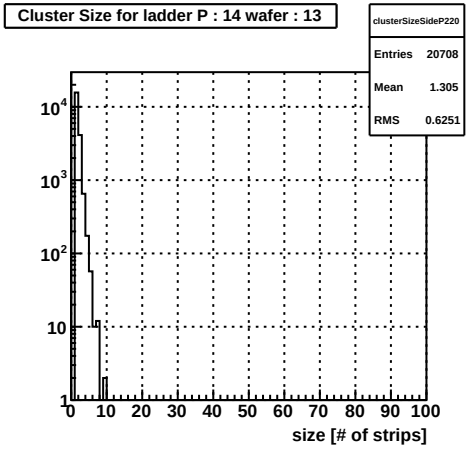

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 8346
Mean 1.193
RMS 0.5295
size [# of strips]

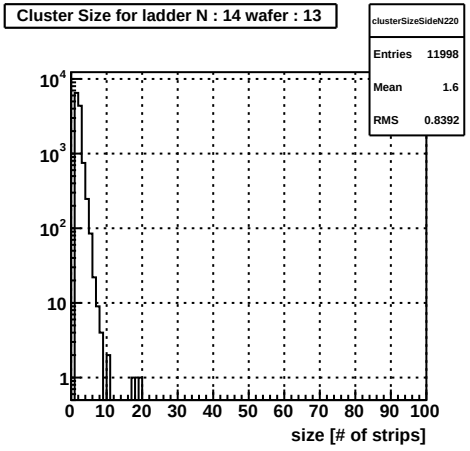

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 18283
Mean 1.476
RMS 0.7574
size [# of strips]

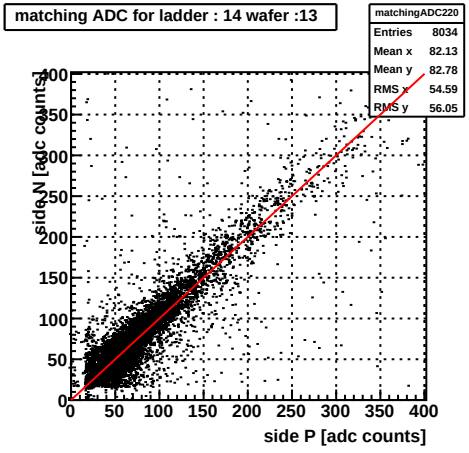

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 5097
Mean x 72.96
Mean y 77.31
RMS x 53.32
RMS y 54.2
side N [adc counts]
side P [adc counts]

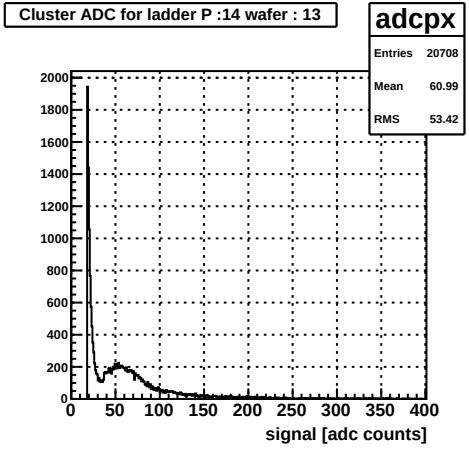

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 8346
Mean 48.98
RMS 45.23
signal [adc counts]

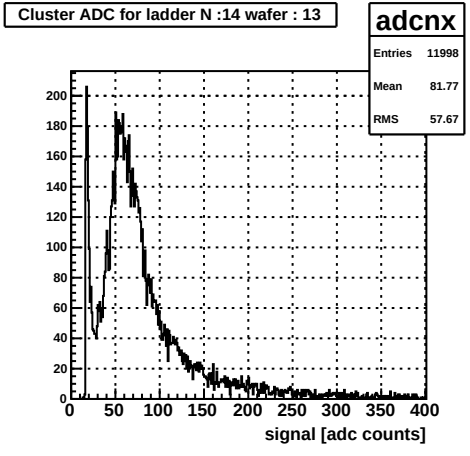

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 18283
Mean 68.77
RMS 56.15
signal [adc counts]

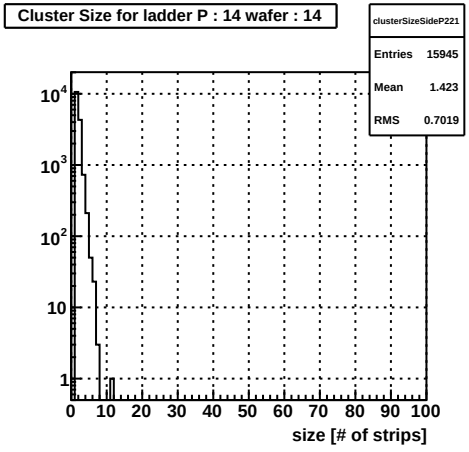

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 20708
Mean 1.305
RMS 0.6251
size [# of strips]

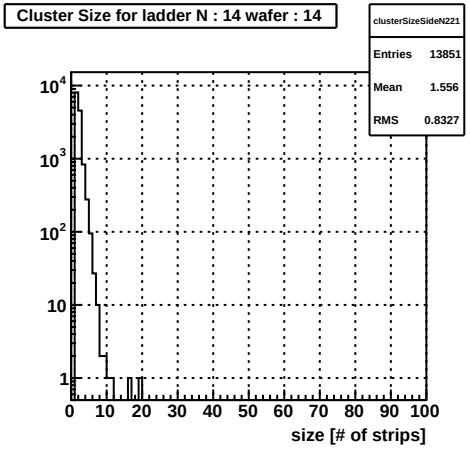

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 11998
Mean 1.6
RMS 0.8392
size [# of strips]

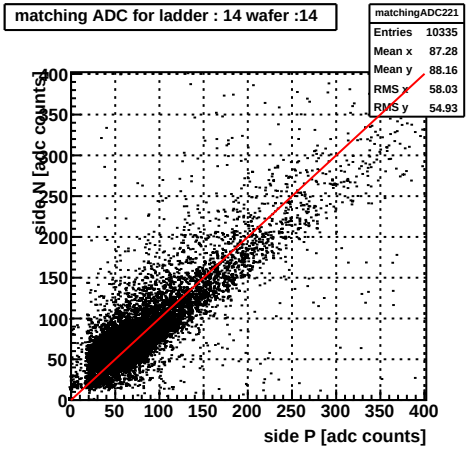

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8034
Mean x 82.13
Mean y 82.78
RMS x 54.59
RMS y 56.05
side N [adc counts]
side P [adc counts]

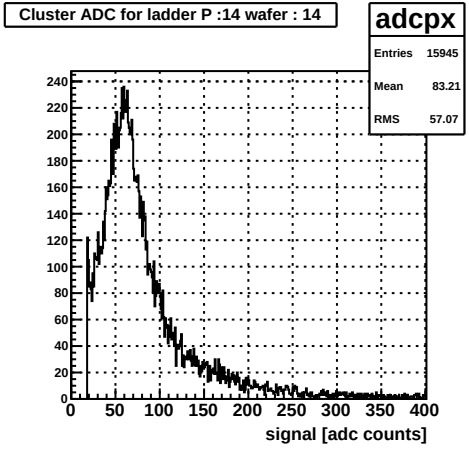

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 20708
Mean 60.99
RMS 53.42
signal [adc counts]

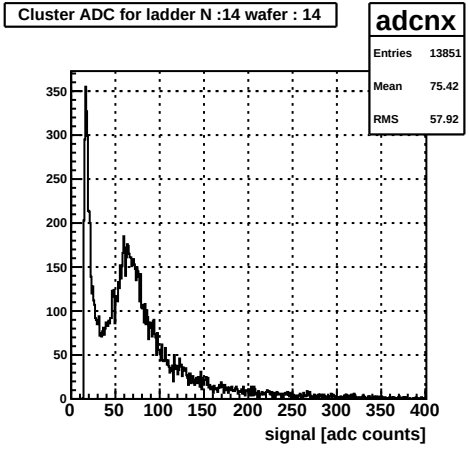

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 11998
Mean 81.77
RMS 57.67
signal [adc counts]

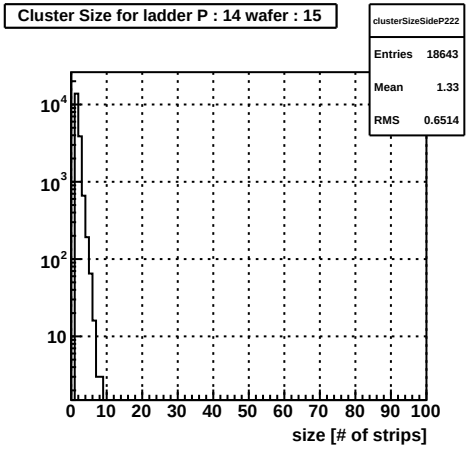

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 15945
Mean 1.423
RMS 0.7019
size [# of strips]

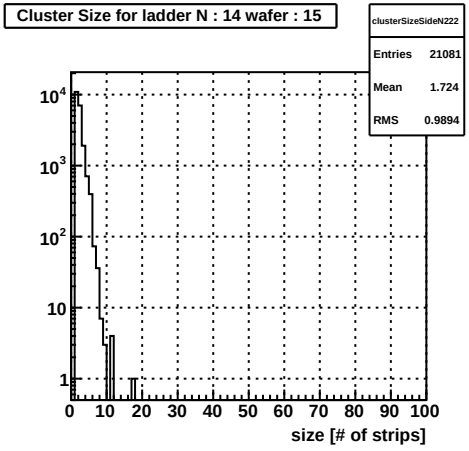

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 13851
Mean 1.556
RMS 0.8327
size [# of strips]

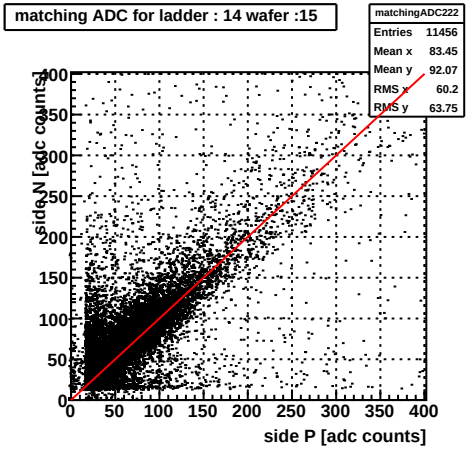

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 10335
Mean x 87.28
Mean y 88.16
RMS x 58.03
RMS y 54.93
side N [adc counts]
side P [adc counts]

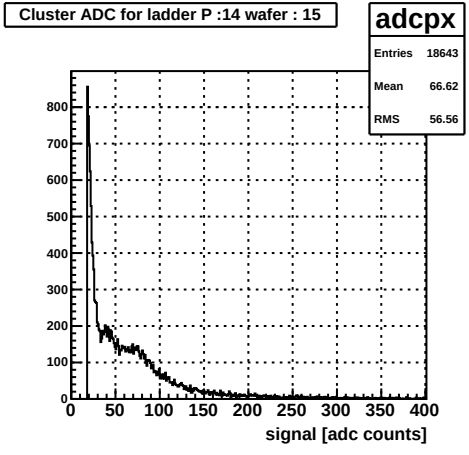

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 15945
Mean 83.21
RMS 57.07
signal [adc counts]

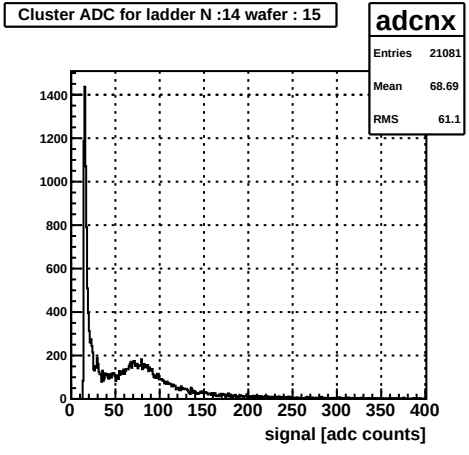

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 13851
Mean 75.42
RMS 57.92
signal [adc counts]

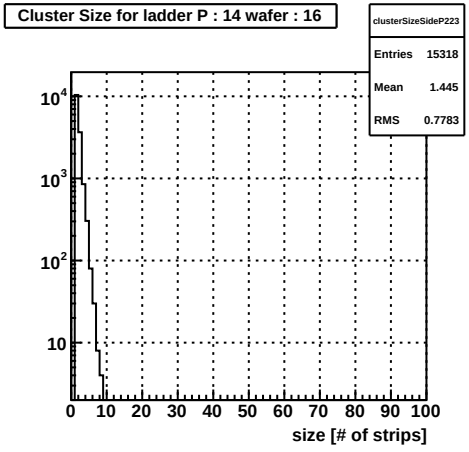

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 18643
Mean 1.33
RMS 0.6514
size [# of strips]

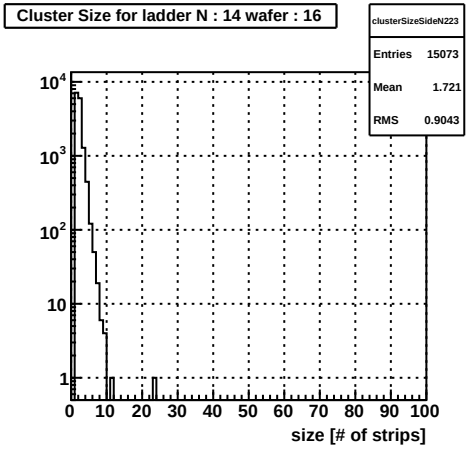

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 21081
Mean 1.724
RMS 0.9894
size [# of strips]

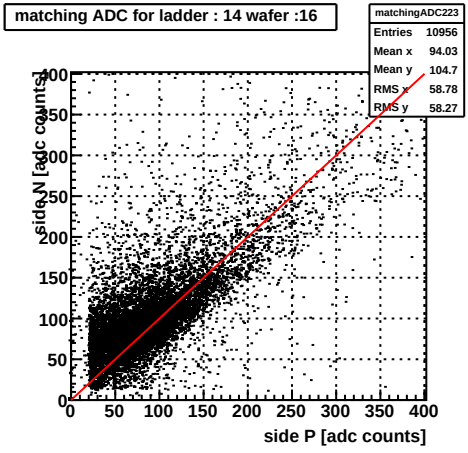

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 11456
Mean x 83.45
Mean y 92.07
RMS x 60.2
RMS y 63.75
side N [adc counts]
side P [adc counts]

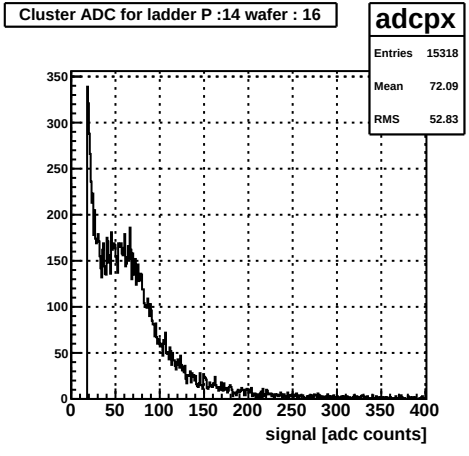

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 18643
Mean 66.62
RMS 56.56
signal [adc counts]

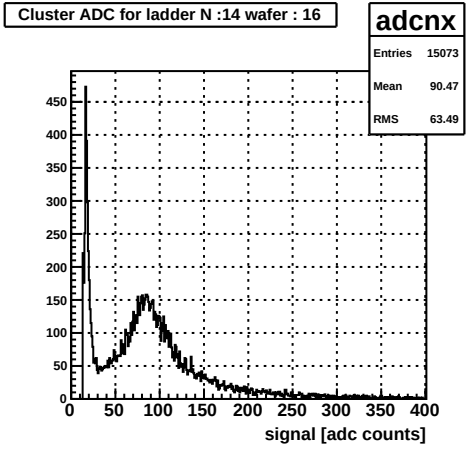

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 21081
Mean 68.69
RMS 61.1
signal [adc counts]

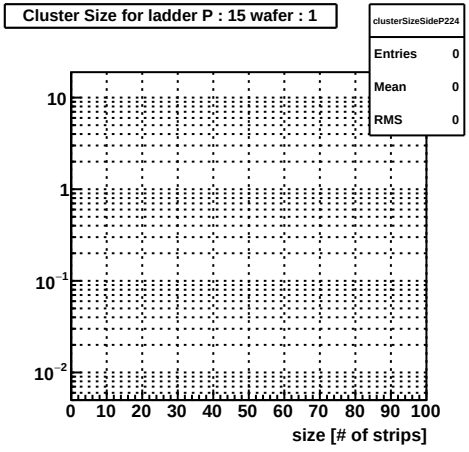

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 15318
Mean 1.445
RMS 0.7783
size [# of strips]

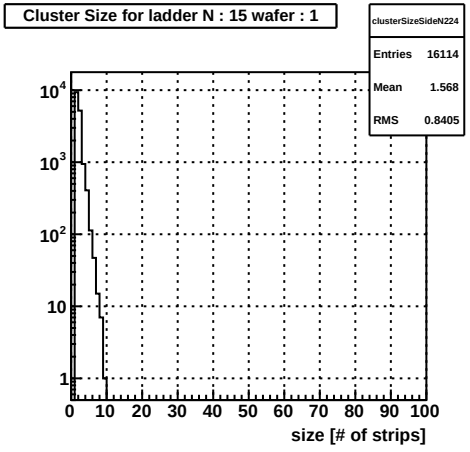

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 15073
Mean 1.721
RMS 0.9043
size [# of strips]

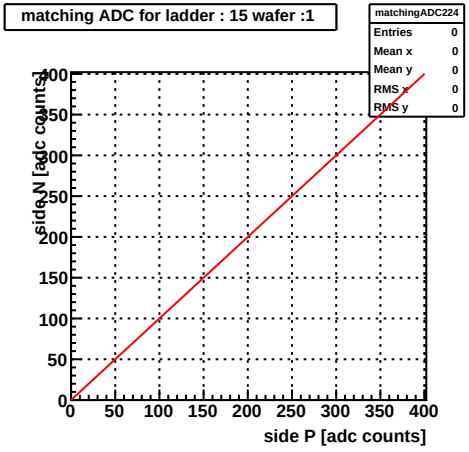

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 10956
Mean x 94.03
Mean y 104.7
RMS x 58.78
RMS y 58.27
side N [adc counts]
side P [adc counts]

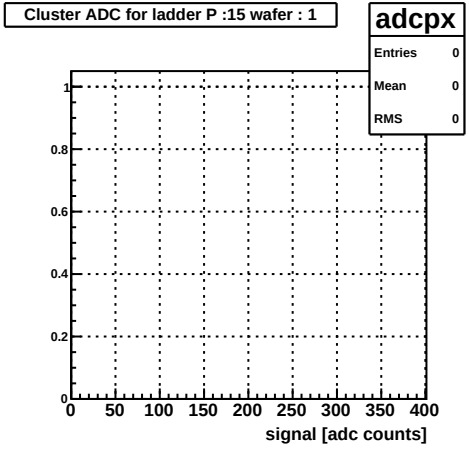

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 15318
Mean 72.09
RMS 52.83
signal [adc counts]

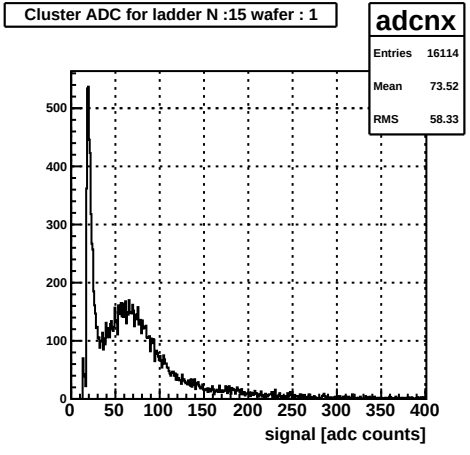

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 15073
Mean 90.47
RMS 63.49
signal [adc counts]

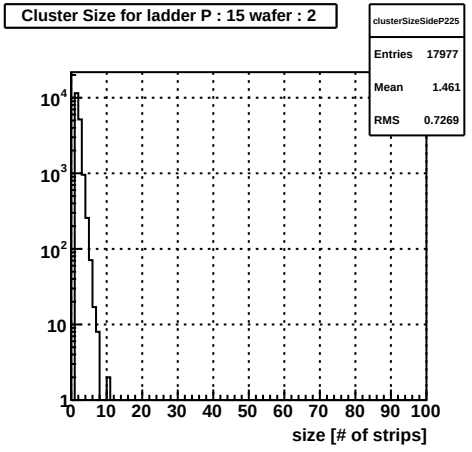

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

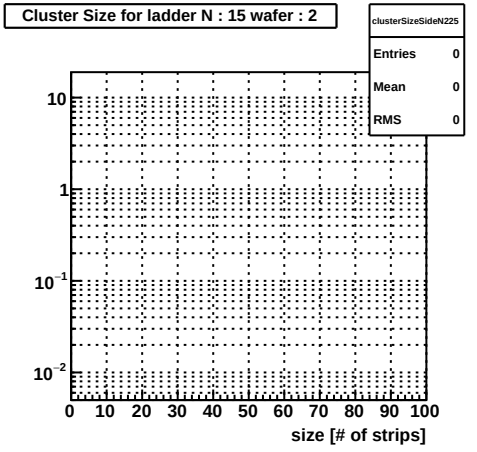

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 16114
Mean 1.568
RMS 0.8405
size [# of strips]

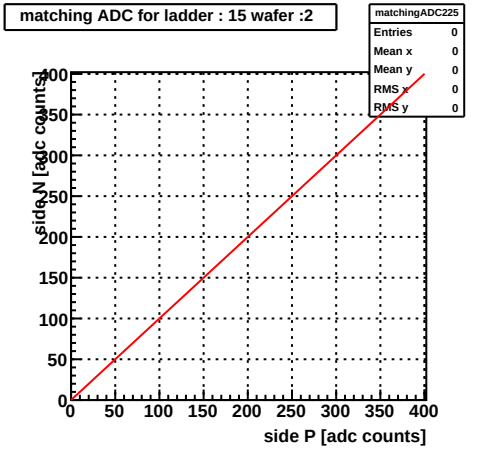

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

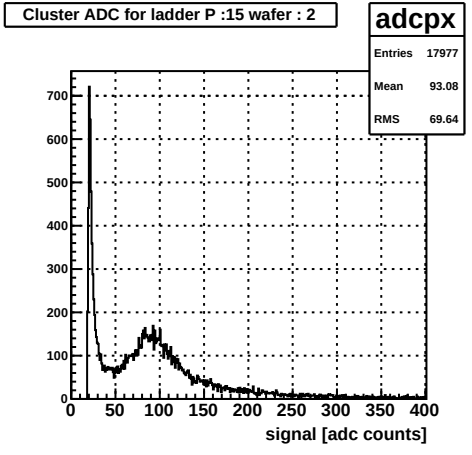

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

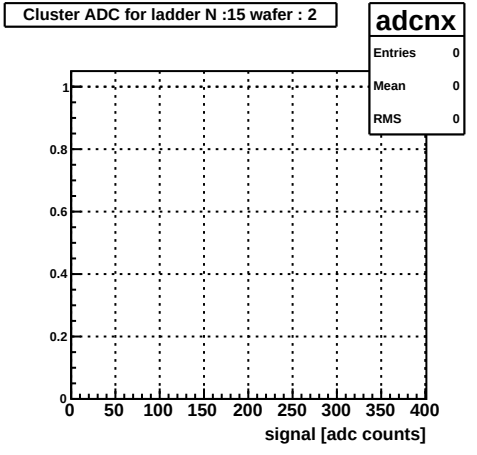

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 16114
Mean 73.52
RMS 58.33
signal [adc counts]

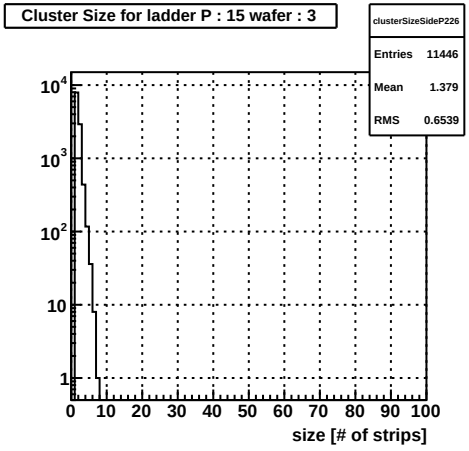

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 17977
Mean 1.461
RMS 0.7269
size [# of strips]

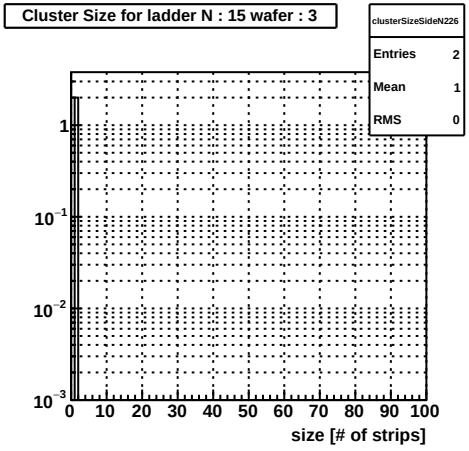

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

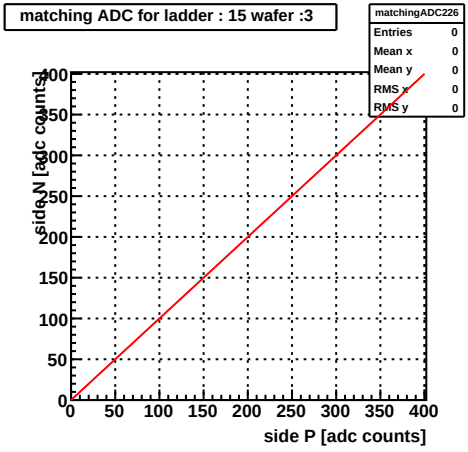

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

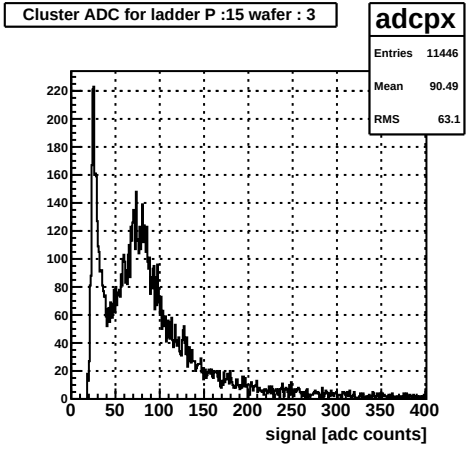

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 17977
Mean 93.08
RMS 69.64
signal [adc counts]

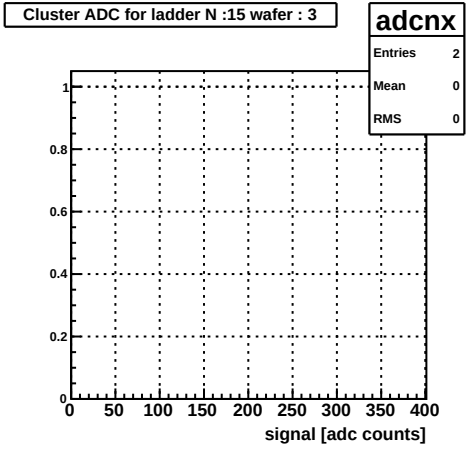

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

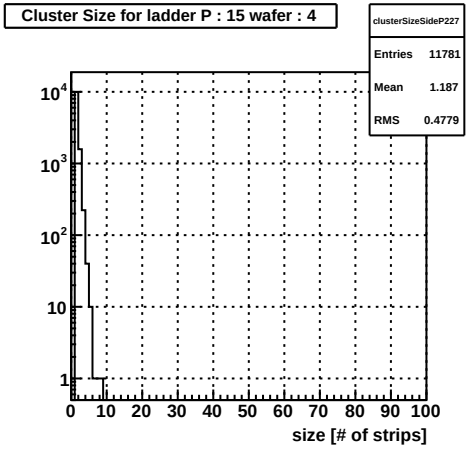

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 11446
Mean 1.379
RMS 0.6539
size [# of strips]

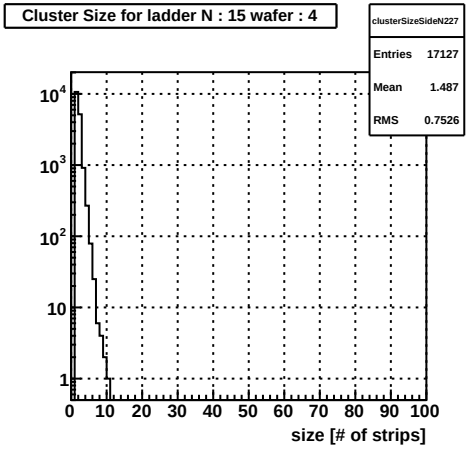

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 2
Mean 1
RMS 0
size [# of strips]

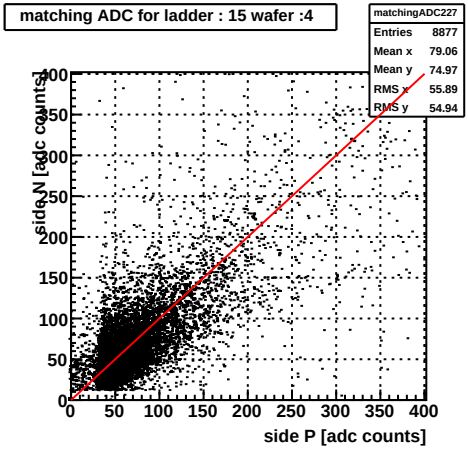

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

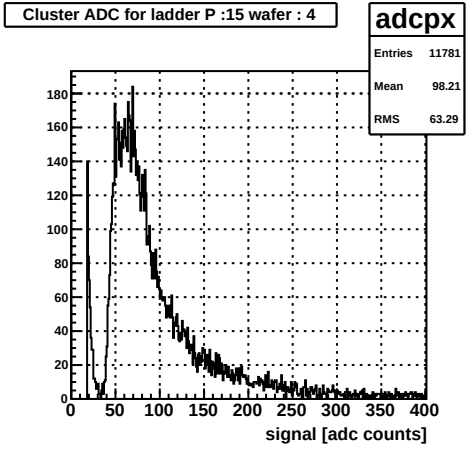

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 11446
Mean 90.49
RMS 63.1
signal [adc counts]

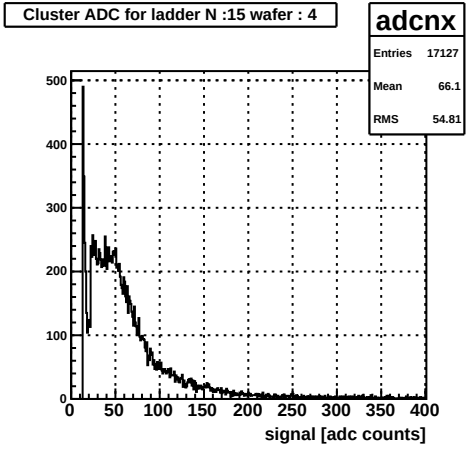

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

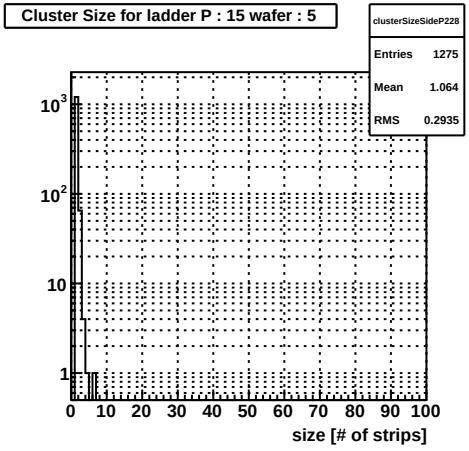

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 11781
Mean 1.187
RMS 0.4779
size [# of strips]

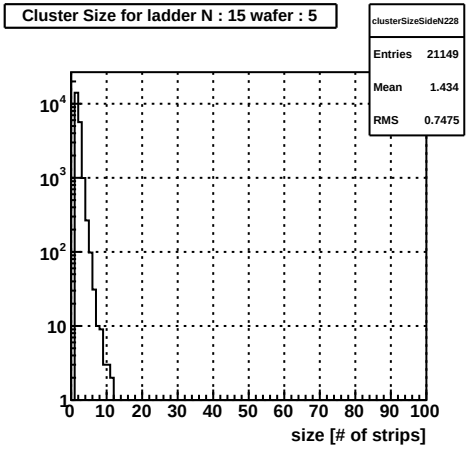

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 17127
Mean 1.487
RMS 0.7526
size [# of strips]

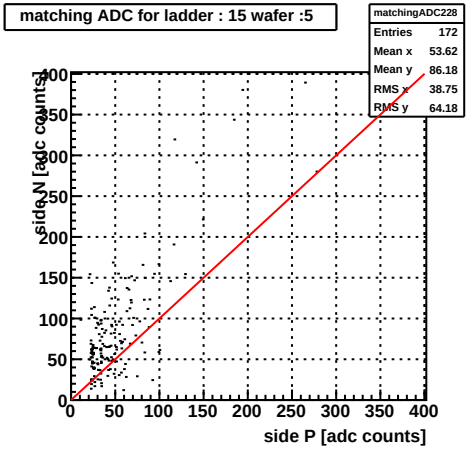

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 8877
Mean x 79.06
Mean y 74.97
RMS x 55.89
RMS y 54.94
side N [adc counts]
side P [adc counts]

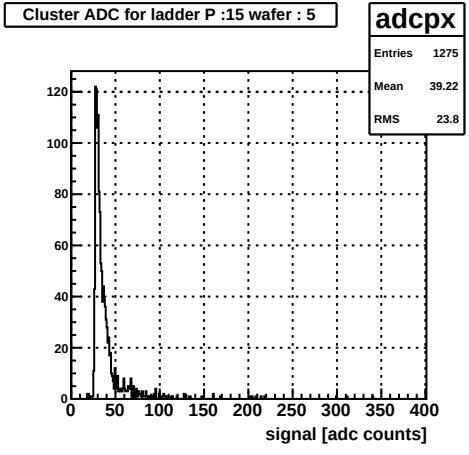

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 11781
Mean 98.21
RMS 63.29
signal [adc counts]

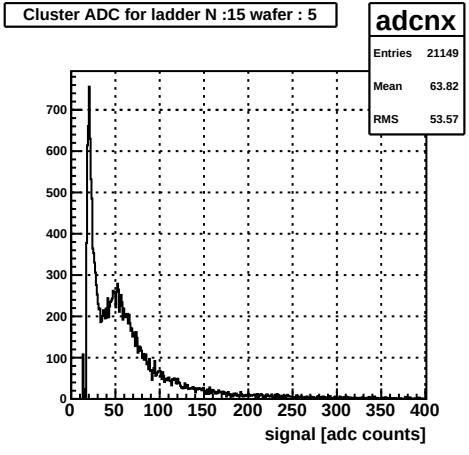

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 17127
Mean 66.1
RMS 54.81
signal [adc counts]

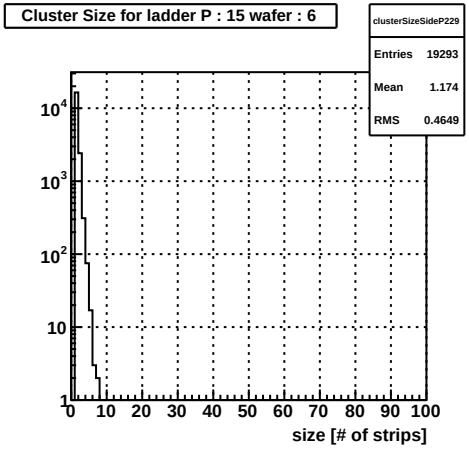

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1275
Mean 1.064
RMS 0.2935
size [# of strips]

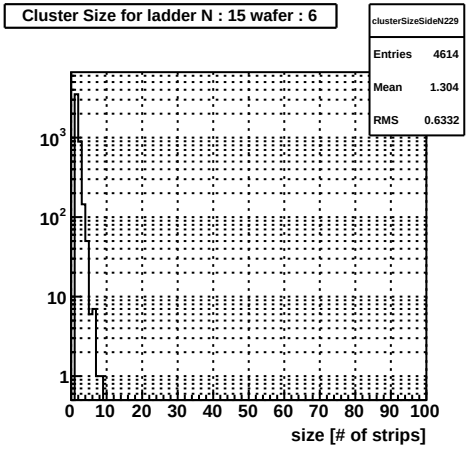

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 21149
Mean 1.434
RMS 0.7475
size [# of strips]

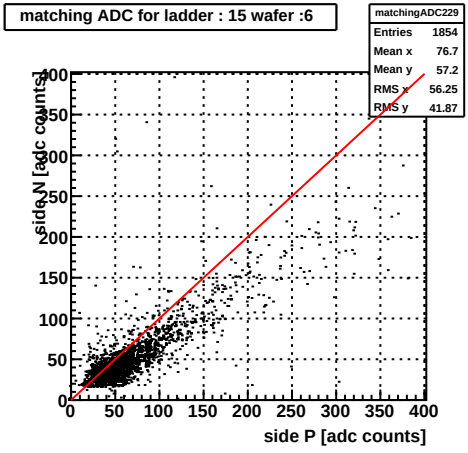

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 172
Mean x 53.62
Mean y 86.18
RMS x 38.75
RMS y 64.18
side N [adc counts]
side P [adc counts]

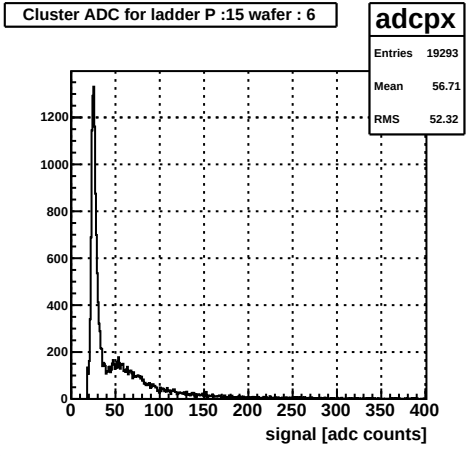

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1275
Mean 39.22
RMS 23.8
signal [adc counts]

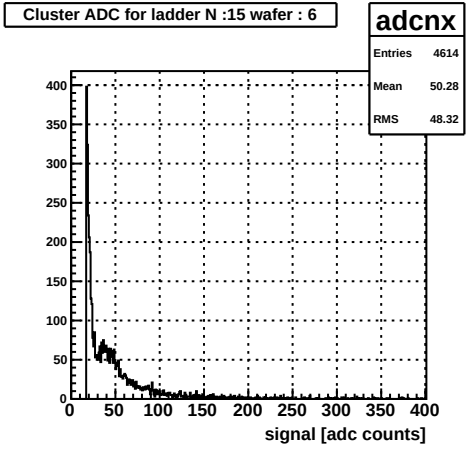

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 21149
Mean 63.82
RMS 53.57
signal [adc counts]

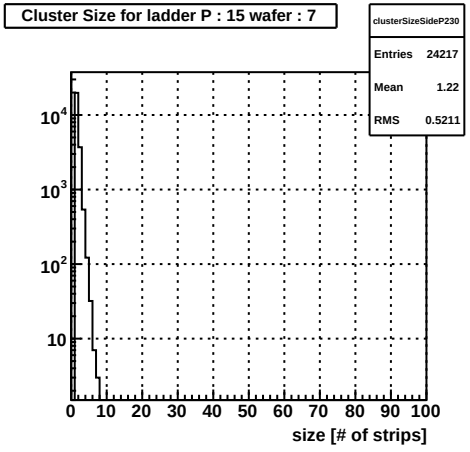

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 19293
Mean 1.174
RMS 0.4649
size [# of strips]

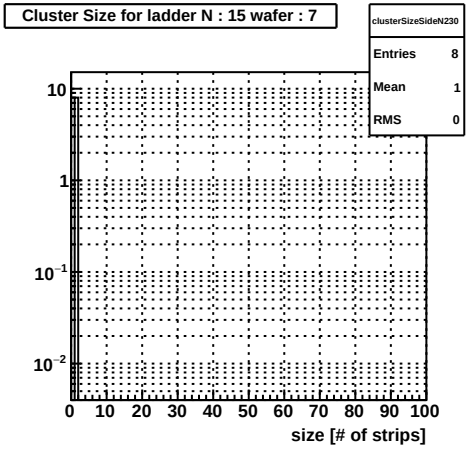

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4614
Mean 1.304
RMS 0.6332
size [# of strips]

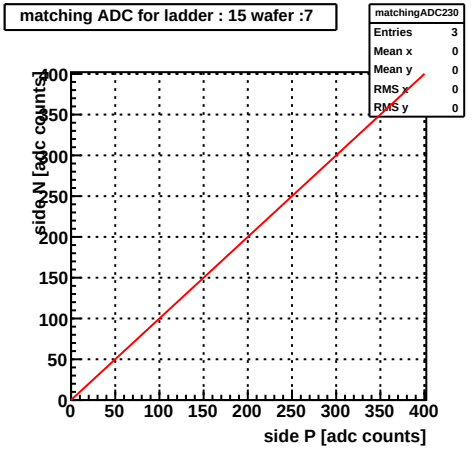

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1854
Mean x 76.7
Mean y 57.2
RMS x 56.25
RMS y 41.87
side N [adc counts]
side P [adc counts]

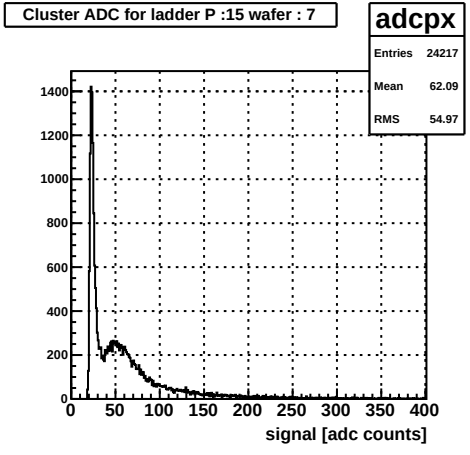

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 19293
Mean 56.71
RMS 52.32
signal [adc counts]

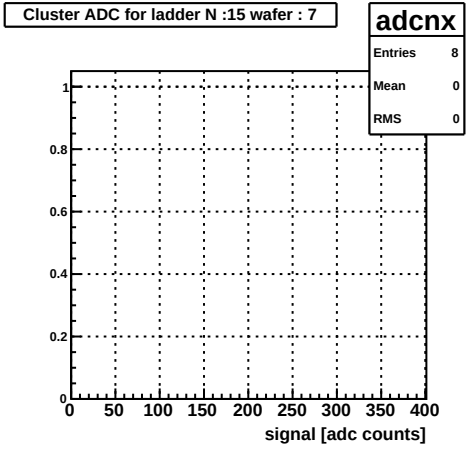

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4614
Mean 50.28
RMS 48.32
signal [adc counts]

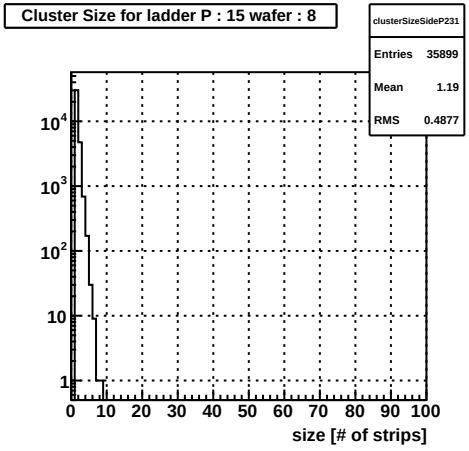

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 24217
Mean 1.22
RMS 0.5211
size [# of strips]

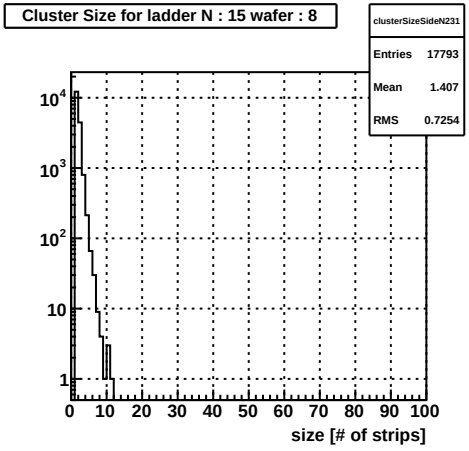

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 8
Mean 1
RMS 0
size [# of strips]

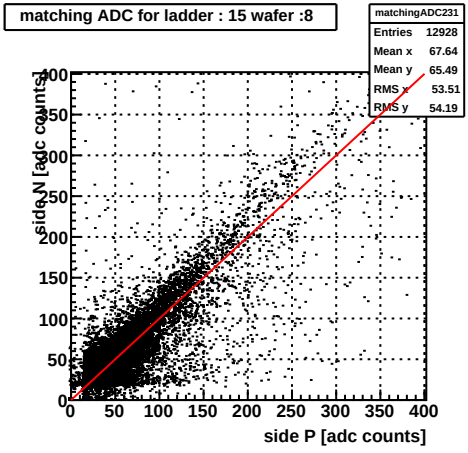

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

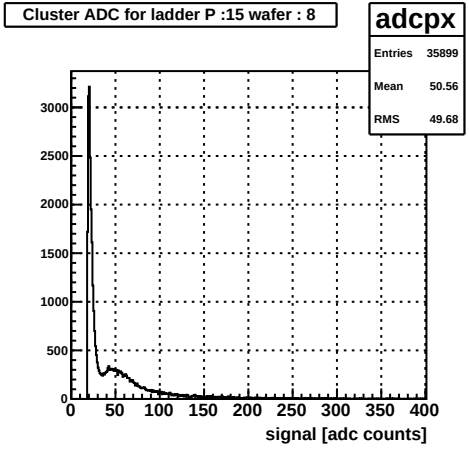

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 24217
Mean 62.09
RMS 54.97
signal [adc counts]

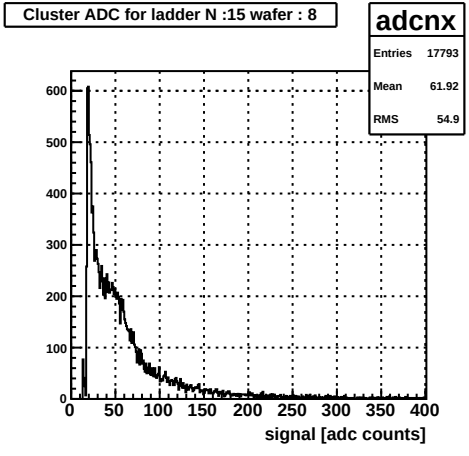

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 8
Mean 0
RMS 0
signal [adc counts]

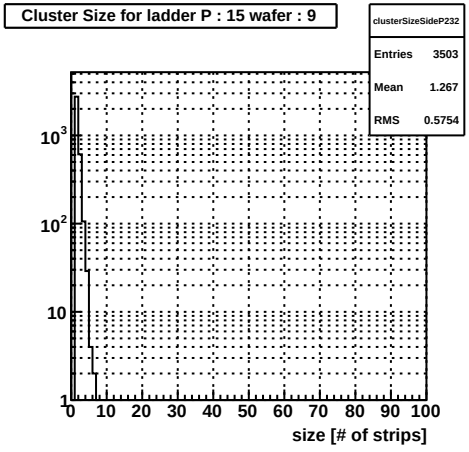

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 35899
Mean 1.19
RMS 0.4877
size [# of strips]

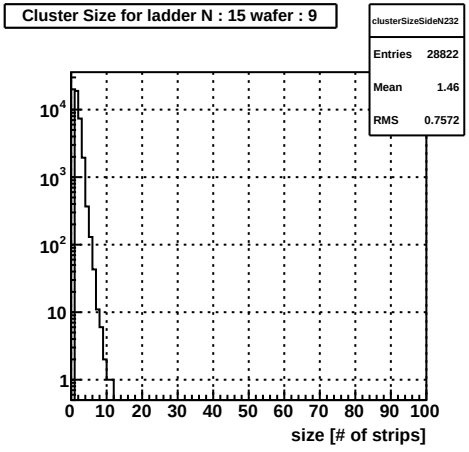

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 17793
Mean 1.407
RMS 0.7254
size [# of strips]

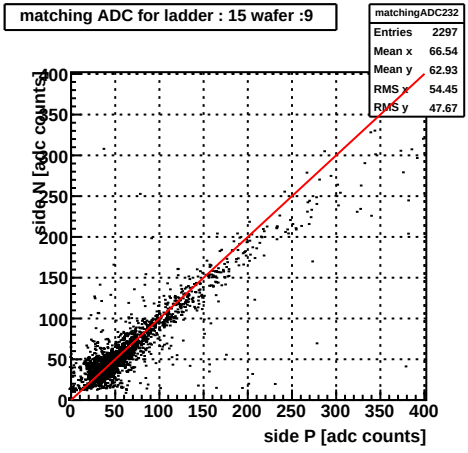

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 12928
Mean x 67.64
Mean y 65.49
RMS x 53.51
RMS y 54.19
side N [adc counts]
side P [adc counts]

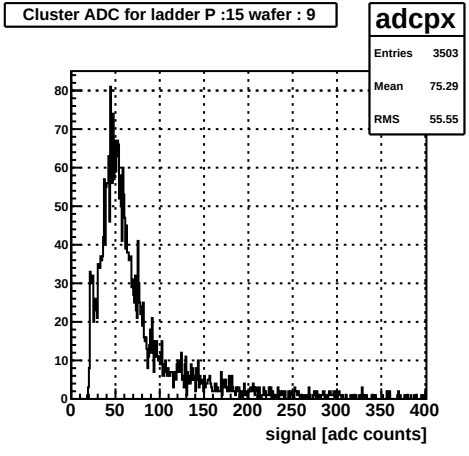

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 35899
Mean 50.56
RMS 49.68
signal [adc counts]

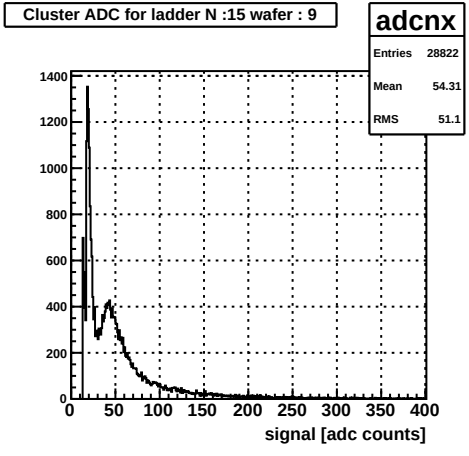

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 17793
Mean 61.92
RMS 54.9
signal [adc counts]

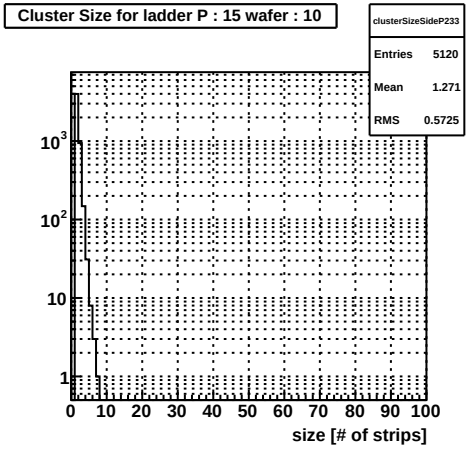

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 3503
Mean 1.267
RMS 0.5754
size [# of strips]

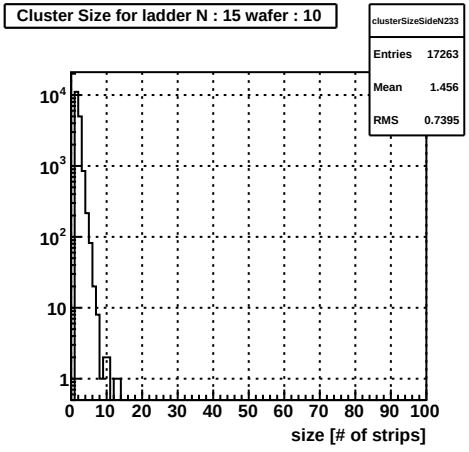

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 28822
Mean 1.46
RMS 0.7572
size [# of strips]

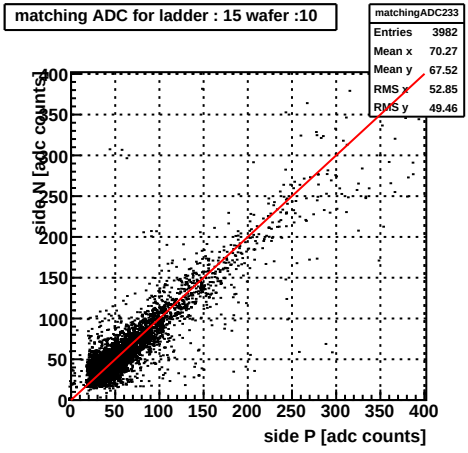

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 2297
Mean x 66.54
Mean y 62.93
RMS x 54.45
RMS y 47.67
side N [adc counts]
side P [adc counts]

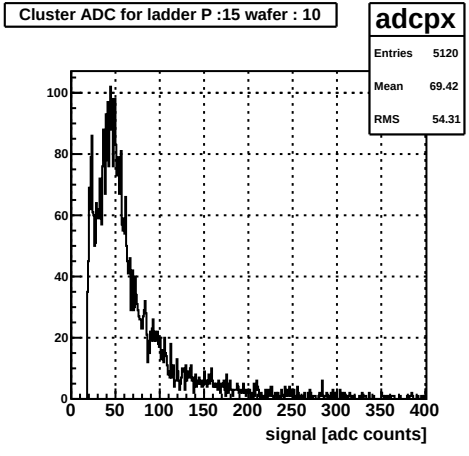

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 3503
Mean 75.29
RMS 55.55
signal [adc counts]

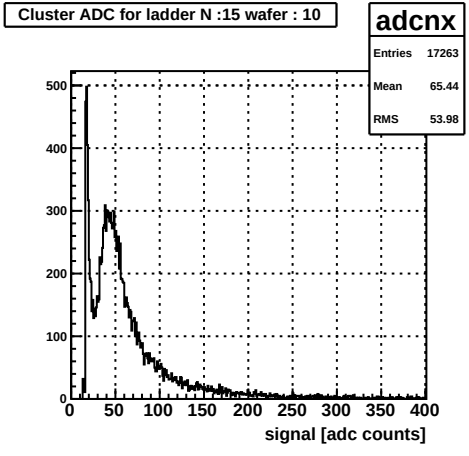

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 28822
Mean 54.31
RMS 51.1
signal [adc counts]

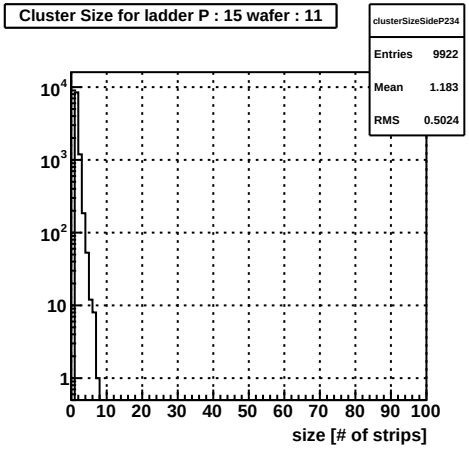

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5120
Mean 1.271
RMS 0.5725
size [# of strips]

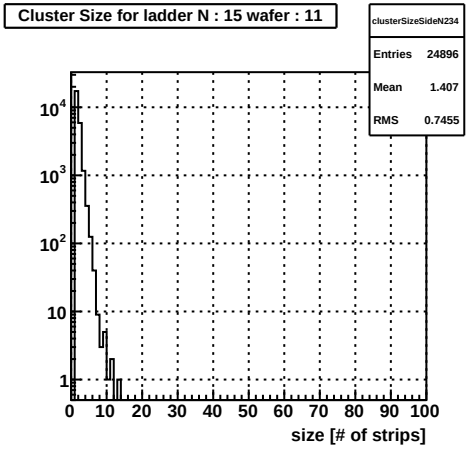

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 17263
Mean 1.456
RMS 0.7395
size [# of strips]

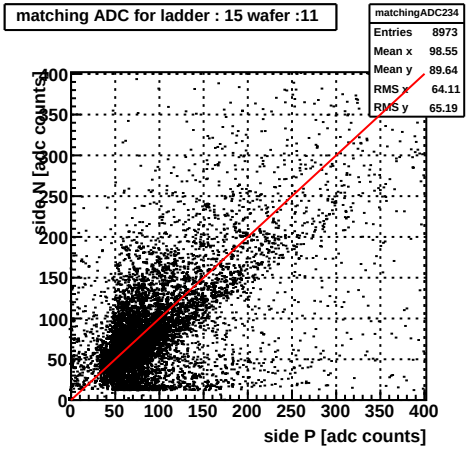

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 3982
Mean x 70.27
Mean y 67.52
RMS x 52.85
RMS y 49.46
side N [adc counts]
side P [adc counts]

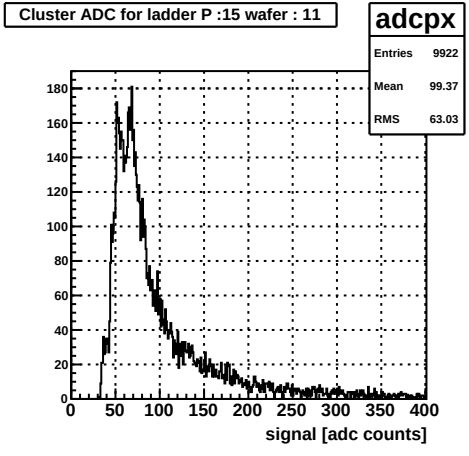

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5120
Mean 69.42
RMS 54.31
signal [adc counts]

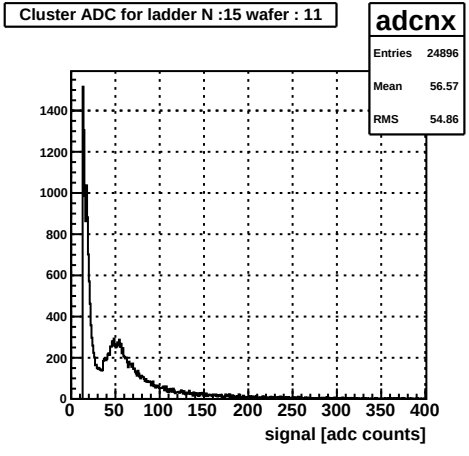

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 17263
Mean 65.44
RMS 53.98
signal [adc counts]

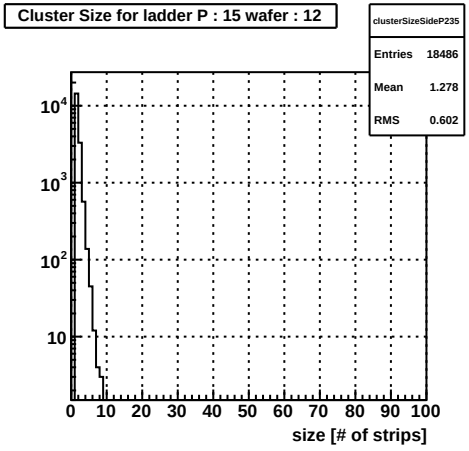

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 9922
Mean 1.183
RMS 0.5024
size [# of strips]

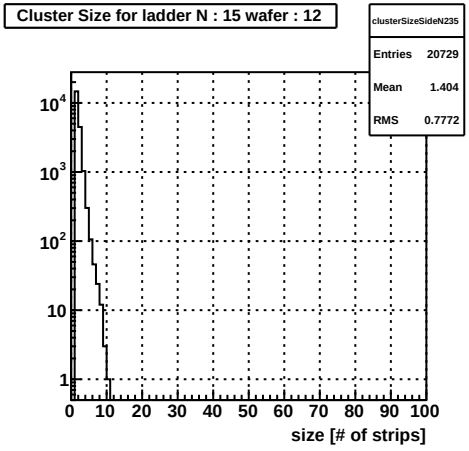

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 24896
Mean 1.407
RMS 0.7455
size [# of strips]

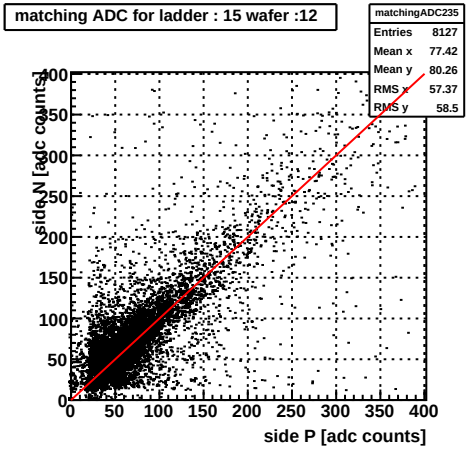

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 8973
Mean x 98.55
Mean y 89.64
RMS x 64.11
RMS y 65.19
side N [adc counts]
side P [adc counts]

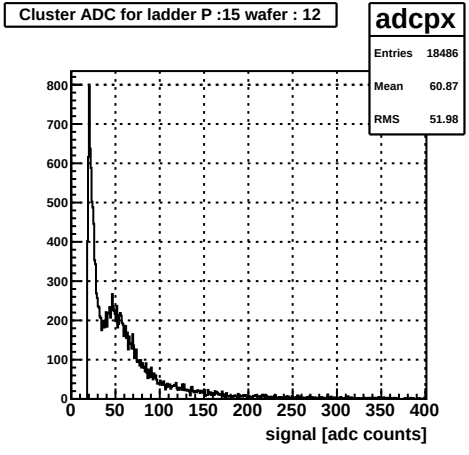

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 9922
Mean 99.37
RMS 63.03
signal [adc counts]

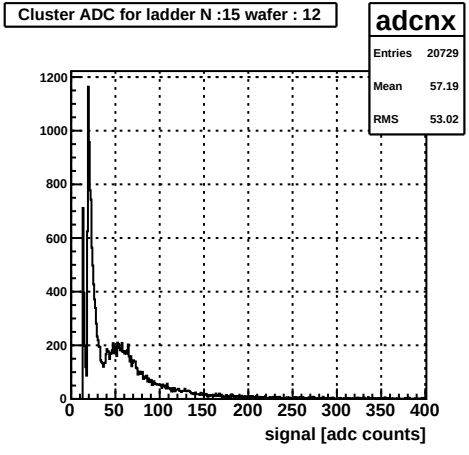

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 24896
Mean 56.57
RMS 54.86
signal [adc counts]

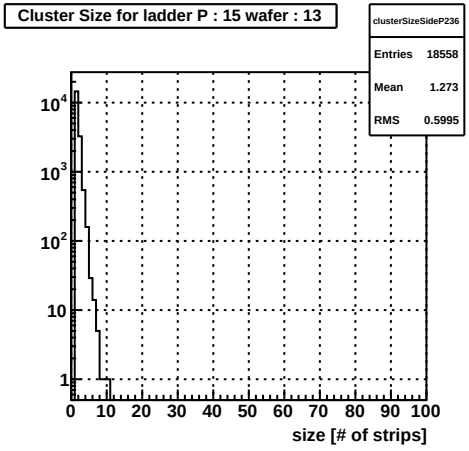

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 18486
Mean 1.278
RMS 0.602
size [# of strips]

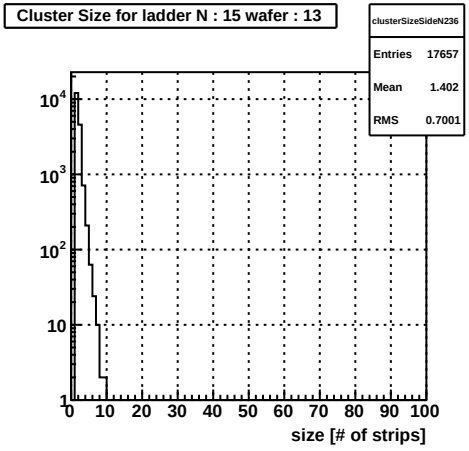

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 20729
Mean 1.404
RMS 0.7772
size [# of strips]

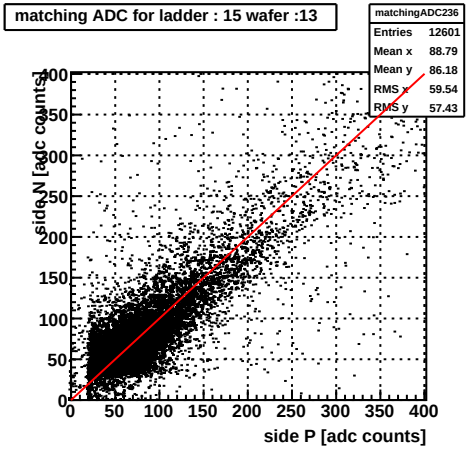

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 8127
Mean x 77.42
Mean y 80.26
RMS x 57.37
RMS y 58.5
side N [adc counts]
side P [adc counts]

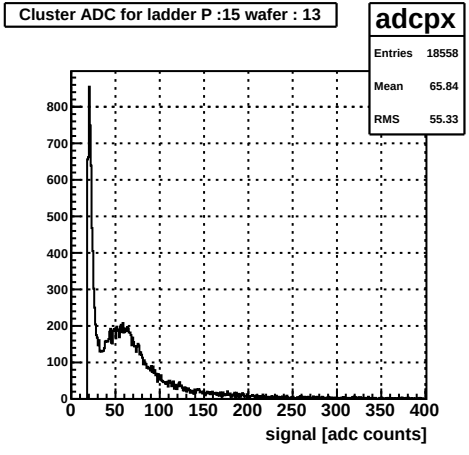

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 18486
Mean 60.87
RMS 51.98
signal [adc counts]

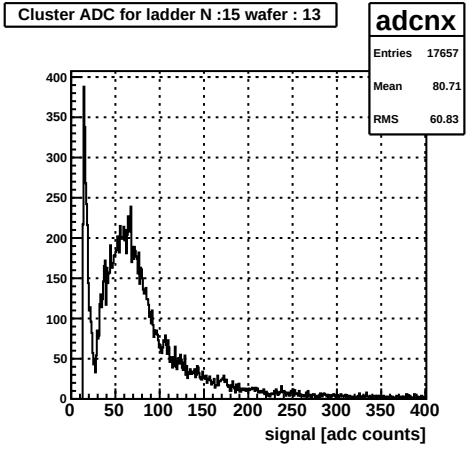

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 20729
Mean 57.19
RMS 53.02
signal [adc counts]

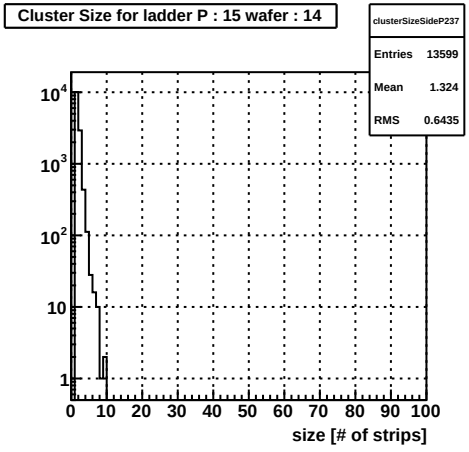

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 18558
Mean 1.273
RMS 0.5995
size [# of strips]

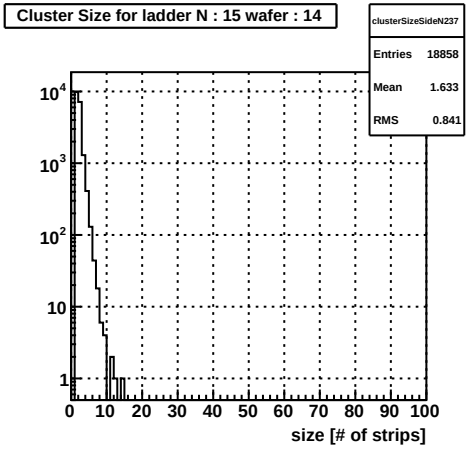

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 17657
Mean 1.402
RMS 0.7001
size [# of strips]

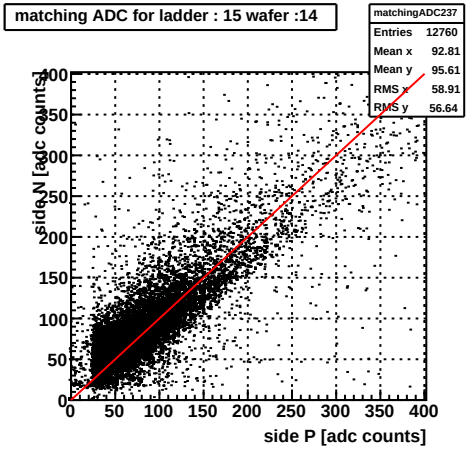

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 12601
Mean x 88.79
Mean y 86.18
RMS x 59.54
RMS y 57.43
side N [adc counts]
side P [adc counts]

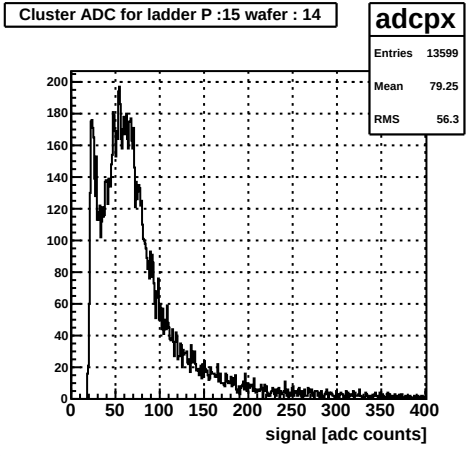

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 18558
Mean 65.84
RMS 55.33
signal [adc counts]

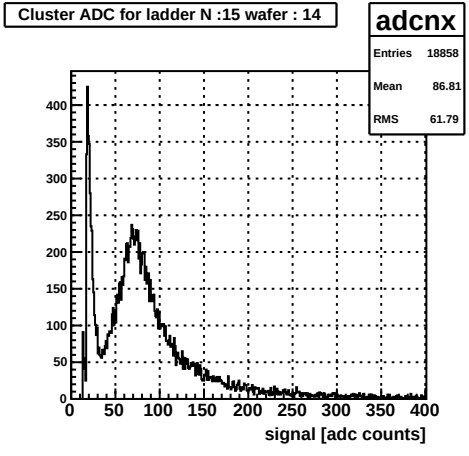

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 17657
Mean 80.71
RMS 60.83
signal [adc counts]

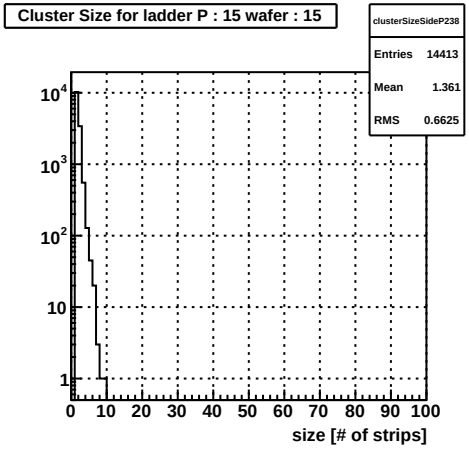

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 13599
Mean 1.324
RMS 0.6435
size [# of strips]

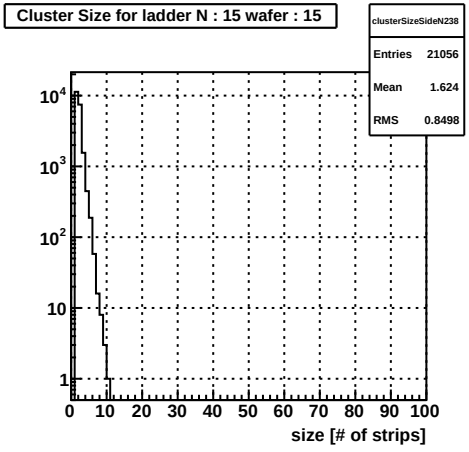

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 18858
Mean 1.633
RMS 0.841
size [# of strips]

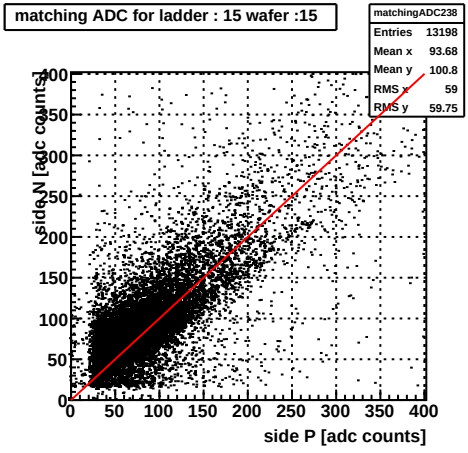

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 12760
Mean x 92.81
Mean y 95.61
RMS x 58.91
RMS y 56.64
side N [adc counts]
side P [adc counts]

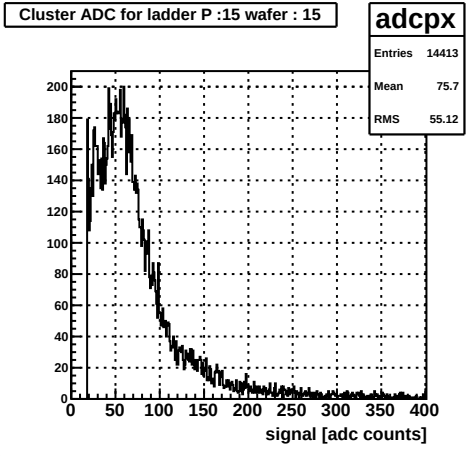

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 13599
Mean 79.25
RMS 56.3
signal [adc counts]

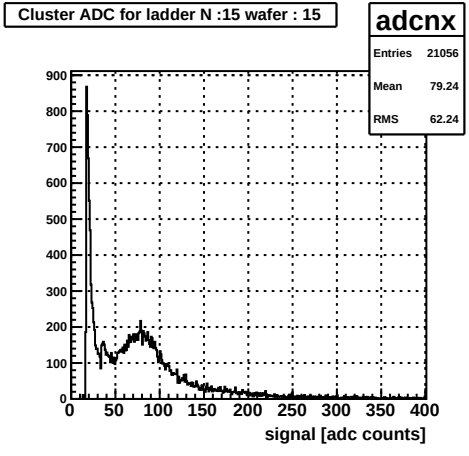

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 18858
Mean 86.81
RMS 61.79
signal [adc counts]

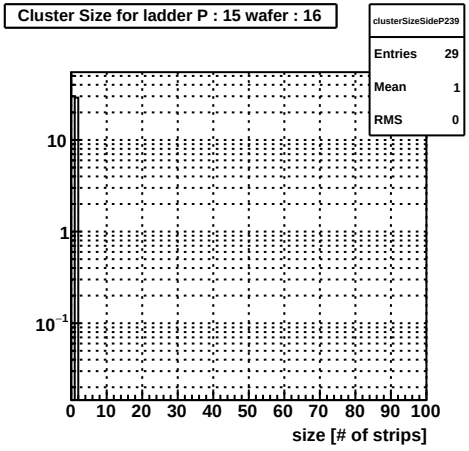

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 14413
Mean 1.361
RMS 0.6625
size [# of strips]

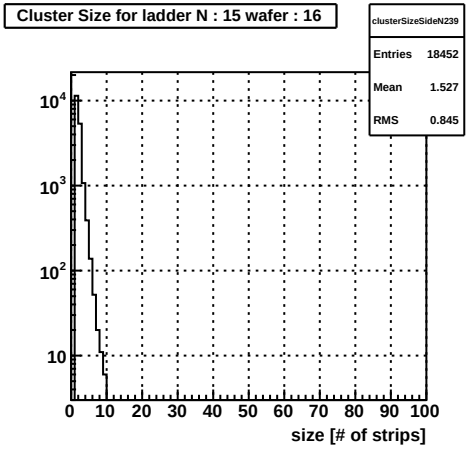

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 21056
Mean 1.624
RMS 0.8498
size [# of strips]

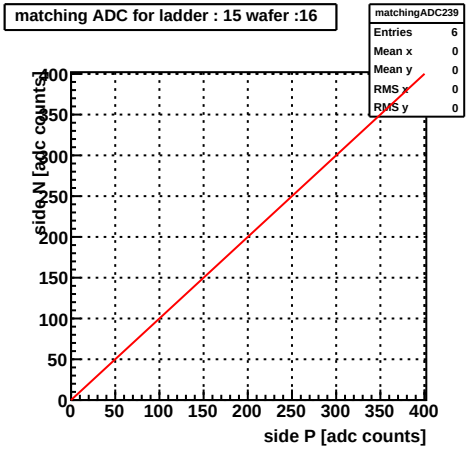

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 13198
Mean x 93.68
Mean y 100.8
RMS x 59
RMS y 59.75
side N [adc counts]
side P [adc counts]

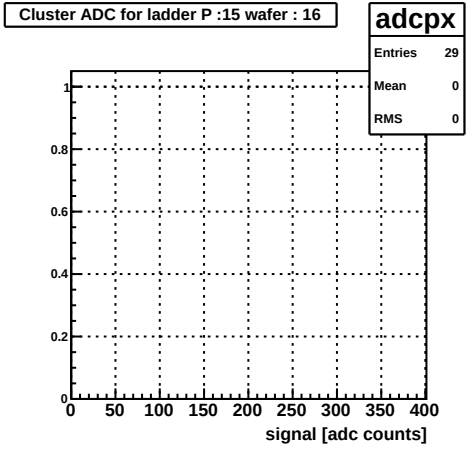

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 14413
Mean 75.7
RMS 55.12
signal [adc counts]

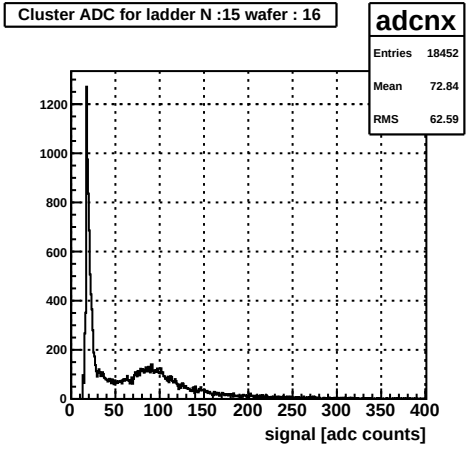

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 21056
Mean 79.24
RMS 62.24
signal [adc counts]

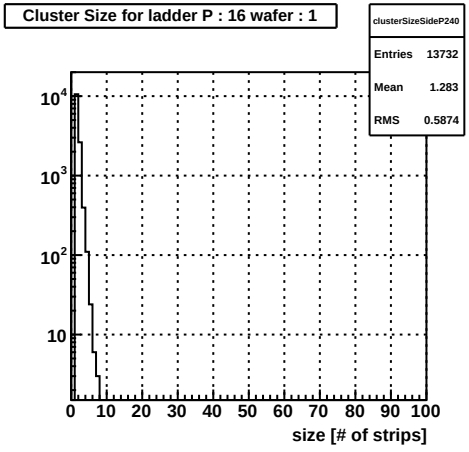

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 29
Mean 1
RMS 0
size [# of strips]

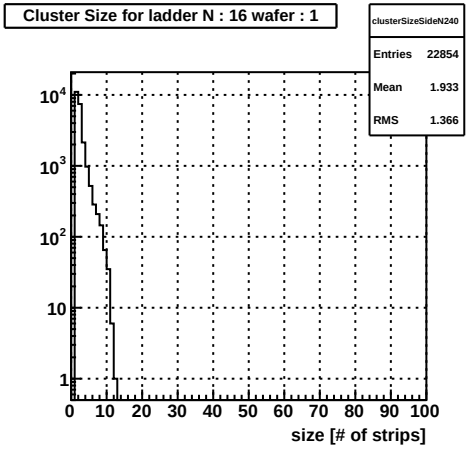

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 18452
Mean 1.527
RMS 0.845
size [# of strips]

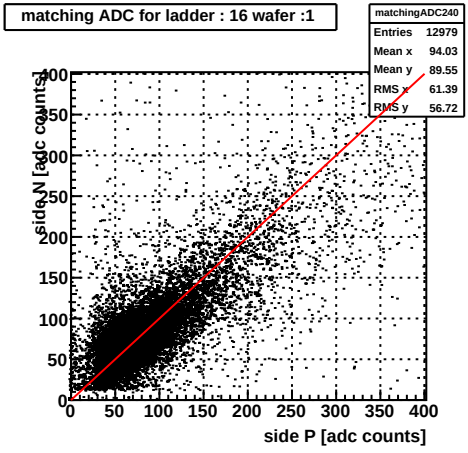

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

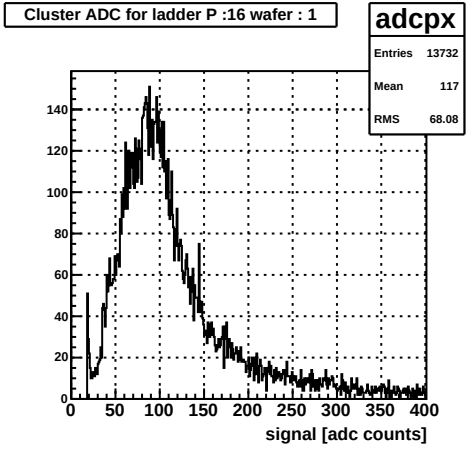

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 29
Mean 0
RMS 0
signal [adc counts]

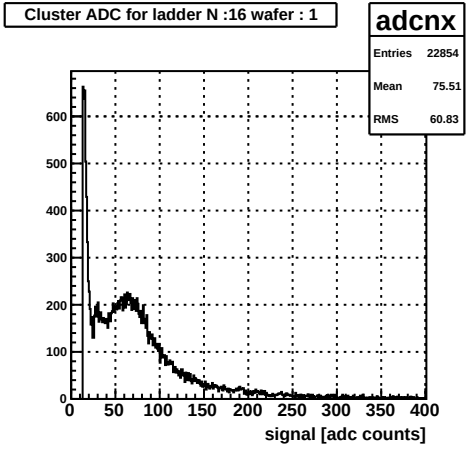

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 18452
Mean 72.84
RMS 62.59
signal [adc counts]

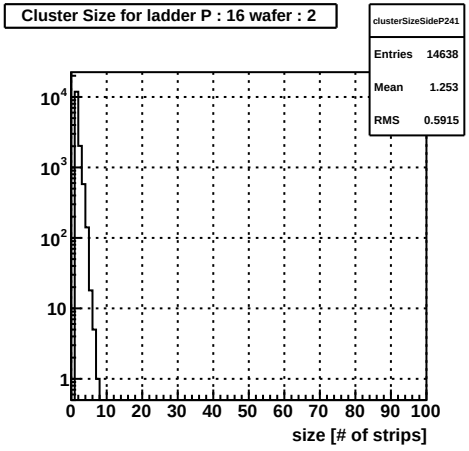

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 13732
Mean 1.283
RMS 0.5874
size [# of strips]

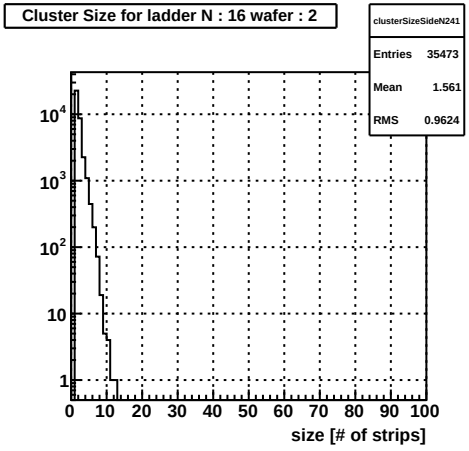

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 22854
Mean 1.933
RMS 1.366
size [# of strips]

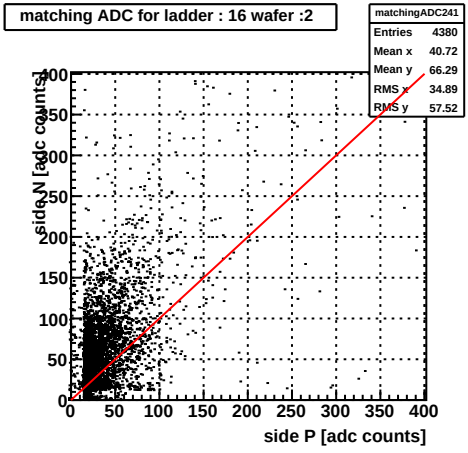

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 12979
Mean x 94.03
Mean y 89.55
RMS x 61.39
RMS y 56.72
side N [adc counts]
side P [adc counts]

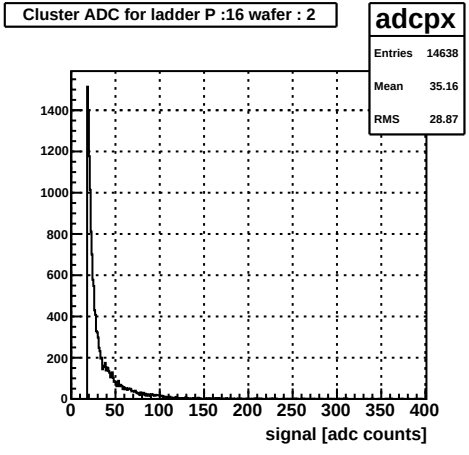

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 13732
Mean 117
RMS 68.08
signal [adc counts]

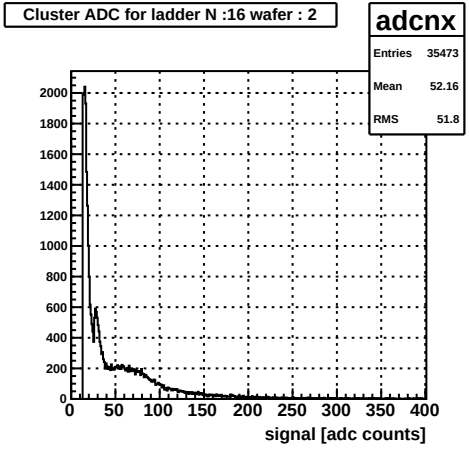

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 22854
Mean 75.51
RMS 60.83
signal [adc counts]

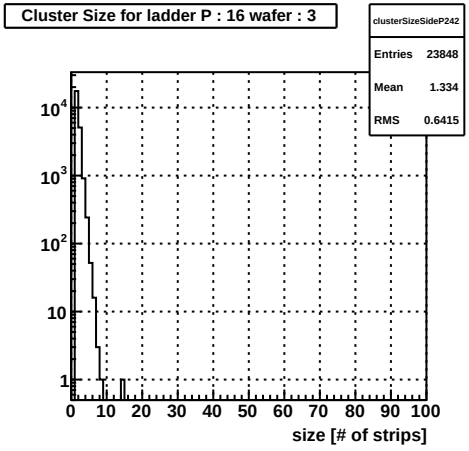

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14638
Mean 1.253
RMS 0.5915
size [# of strips]

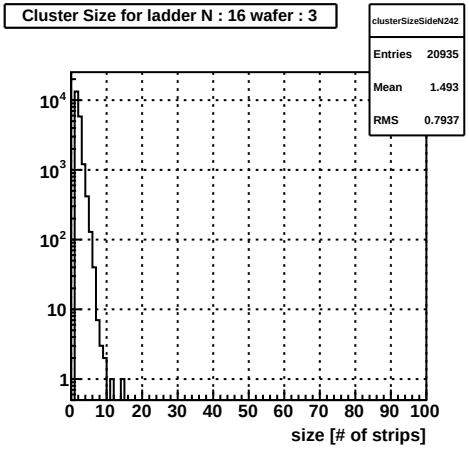

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 35473
Mean 1.561
RMS 0.9624
size [# of strips]

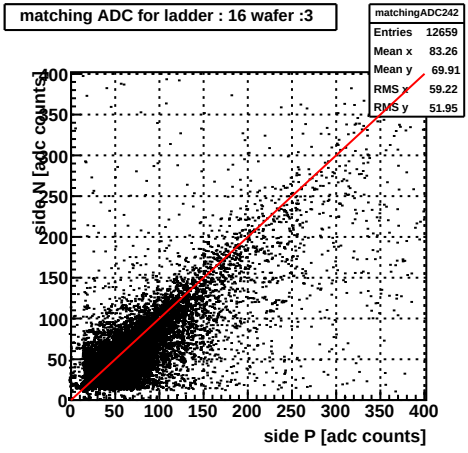

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 4380
Mean x 40.72
Mean y 66.29
RMS x 34.89
RMS y 57.52
side N [adc counts]
side P [adc counts]

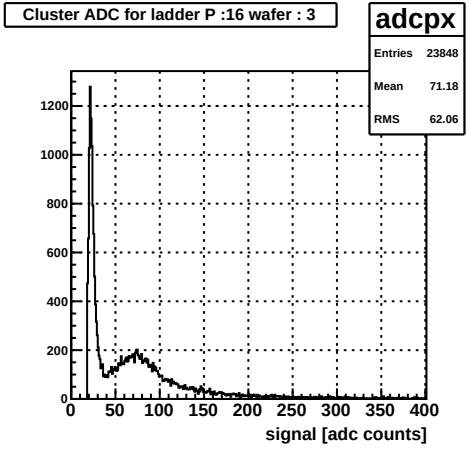

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14638
Mean 35.16
RMS 28.87
signal [adc counts]

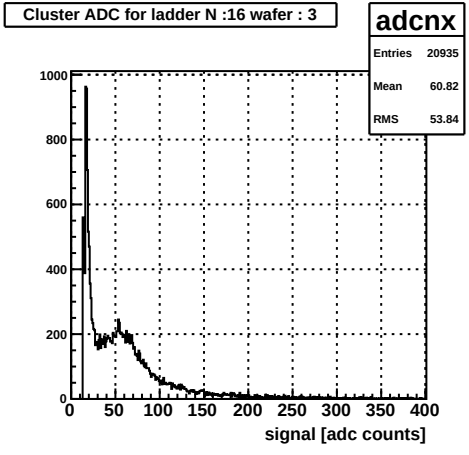

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 35473
Mean 52.16
RMS 51.8
signal [adc counts]

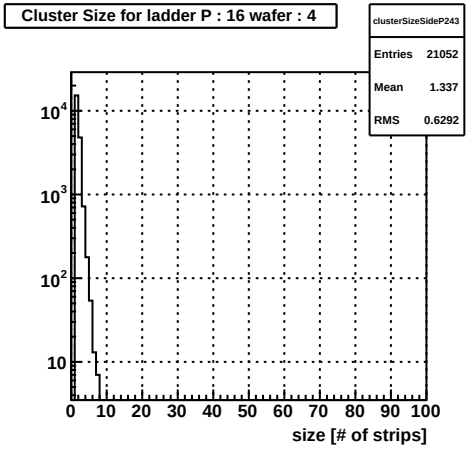

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 23848
Mean 1.334
RMS 0.6415
size [# of strips]

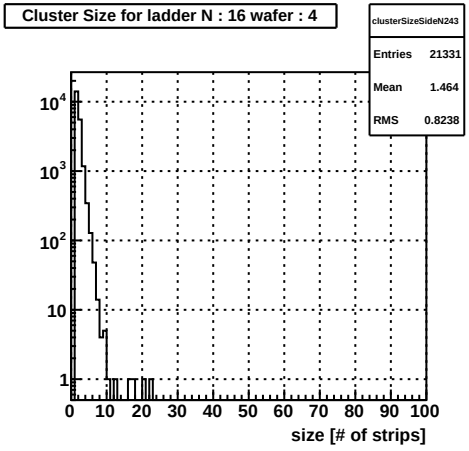

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 20935
Mean 1.493
RMS 0.7937
size [# of strips]

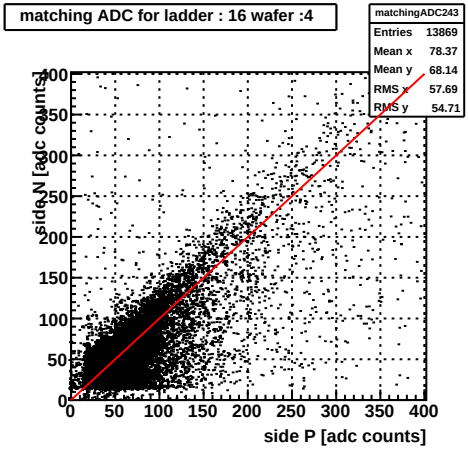

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 12659
Mean x 83.26
Mean y 69.91
RMS x 59.22
RMS y 51.95
side N [adc counts]
side P [adc counts]

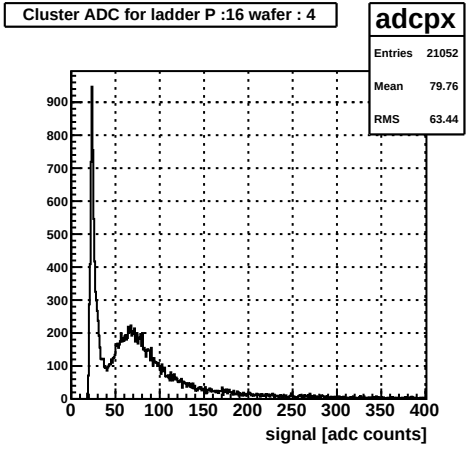

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 23848
Mean 71.18
RMS 62.06
signal [adc counts]

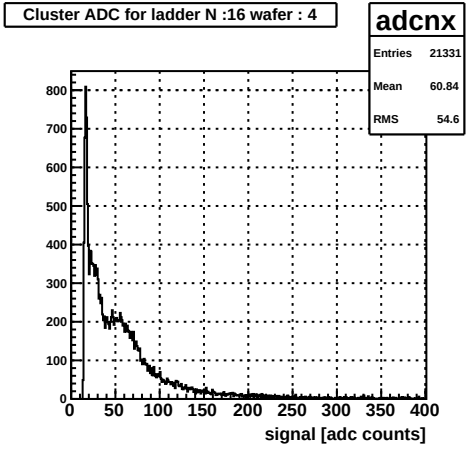

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 20935
Mean 60.82
RMS 53.84
signal [adc counts]

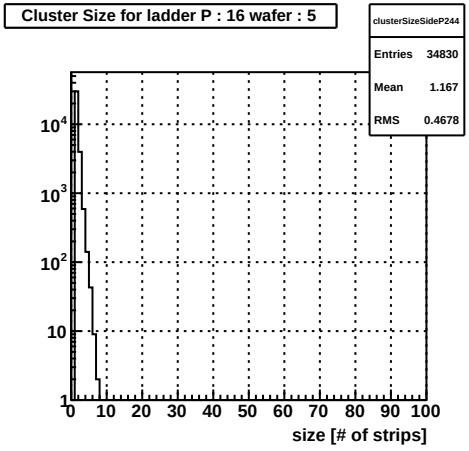

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 21052
Mean 1.337
RMS 0.6292
size [# of strips]

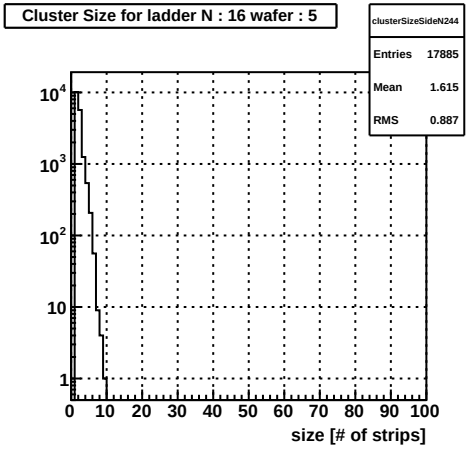

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 21331
Mean 1.464
RMS 0.8238
size [# of strips]

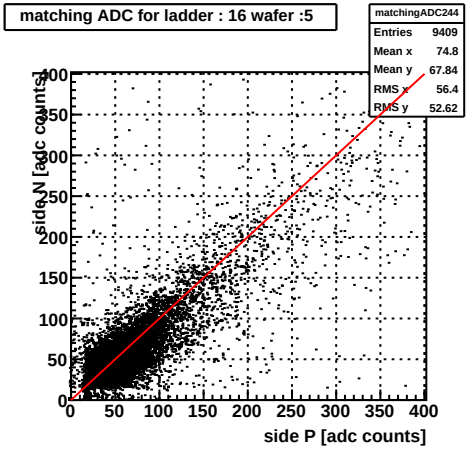

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 13869
Mean x 78.37
Mean y 68.14
RMS x 57.69
RMS y 54.71
side N [adc counts]
side P [adc counts]

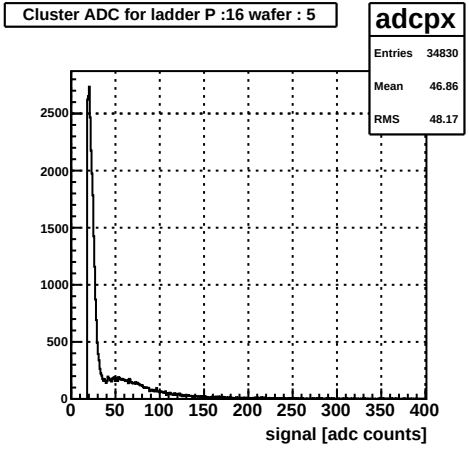

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 21052
Mean 79.76
RMS 63.44
signal [adc counts]

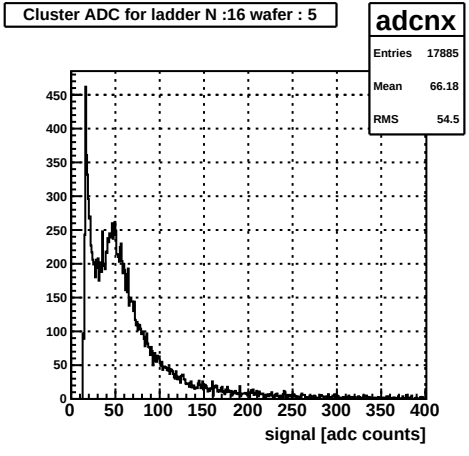

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 21331
Mean 60.84
RMS 54.6
signal [adc counts]

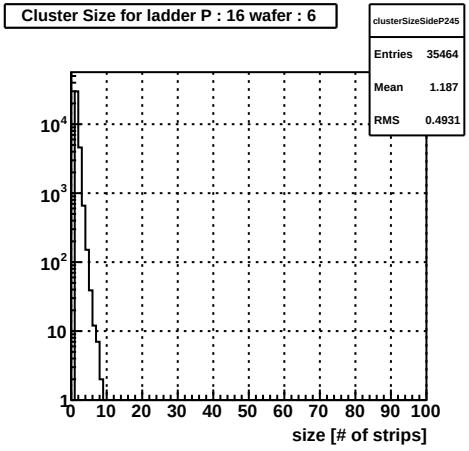

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 34830
Mean 1.167
RMS 0.4678
size [# of strips]

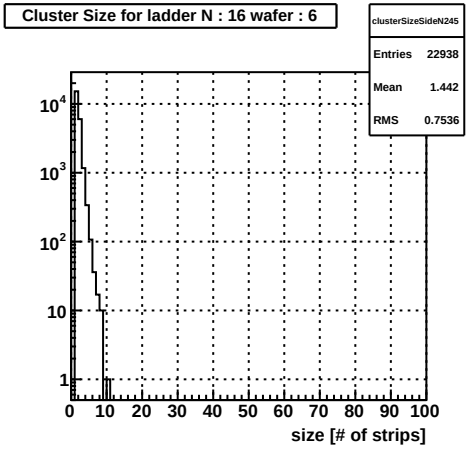

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 17885
Mean 1.615
RMS 0.887
size [# of strips]

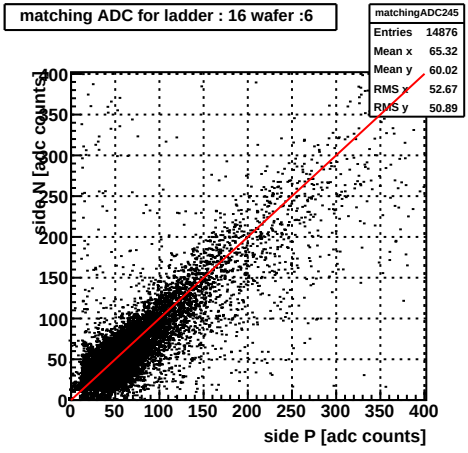

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 9409
Mean x 74.8
Mean y 67.84
RMS x 56.4
RMS y 52.62
side N [adc counts]
side P [adc counts]

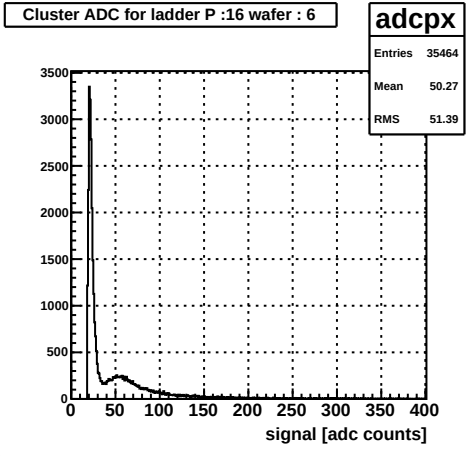

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 34830
Mean 46.86
RMS 48.17
signal [adc counts]

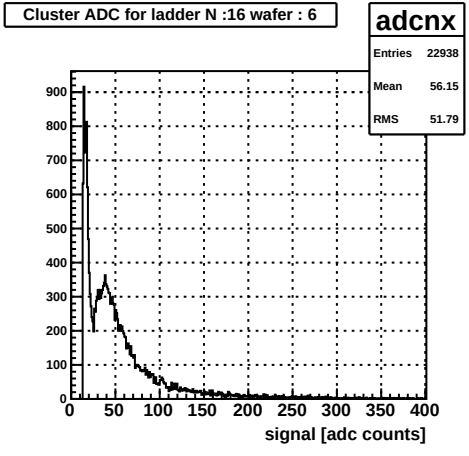

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 17885
Mean 66.18
RMS 54.5
signal [adc counts]

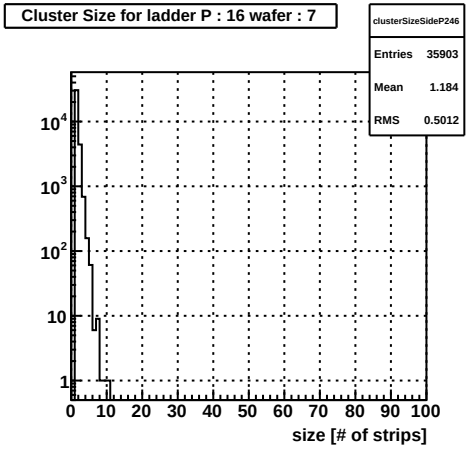

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 35464
Mean 1.187
RMS 0.4931
size [# of strips]

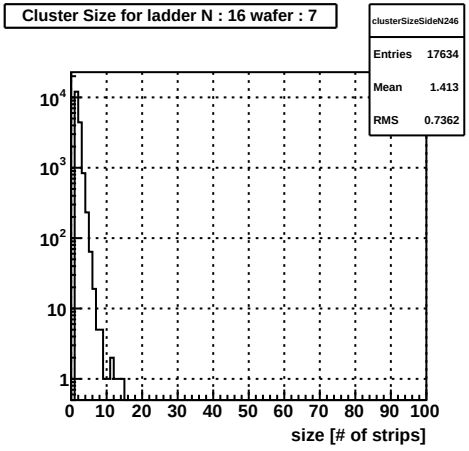

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 22938
Mean 1.442
RMS 0.7536
size [# of strips]

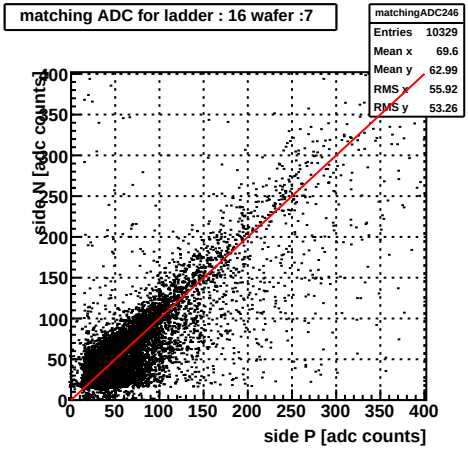

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 14876
Mean x 65.32
Mean y 60.02
RMS x 52.67
RMS y 50.89
side N [adc counts]
side P [adc counts]

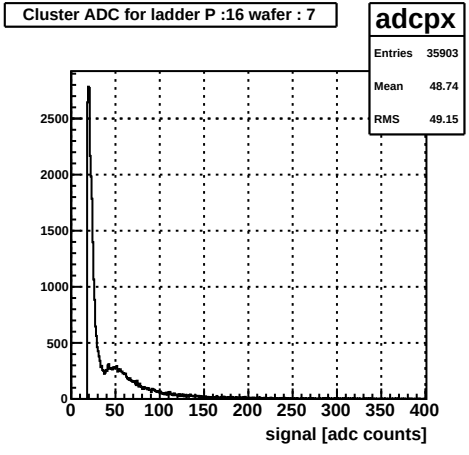

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 35464
Mean 50.27
RMS 51.39
signal [adc counts]

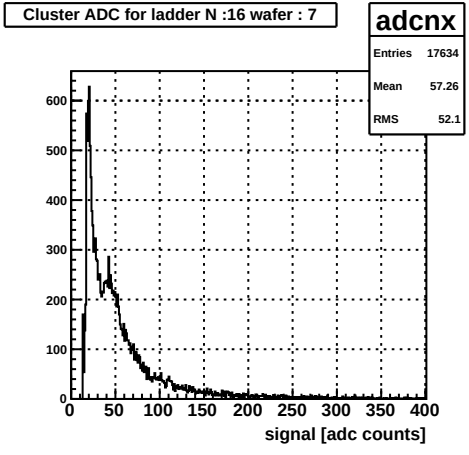

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 22938
Mean 56.15
RMS 51.79
signal [adc counts]

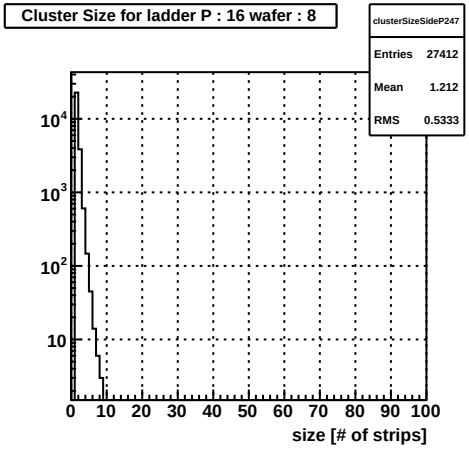

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 35903
Mean 1.184
RMS 0.5012
size [# of strips]

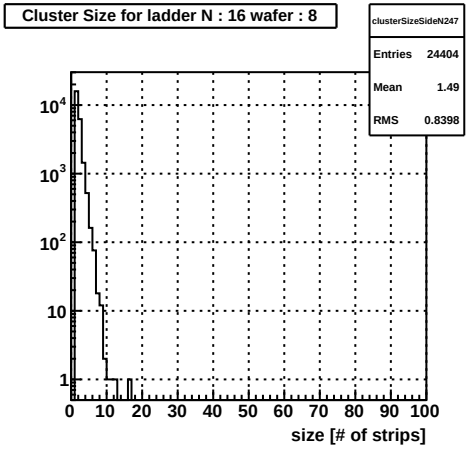

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 17634
Mean 1.413
RMS 0.7362
size [# of strips]

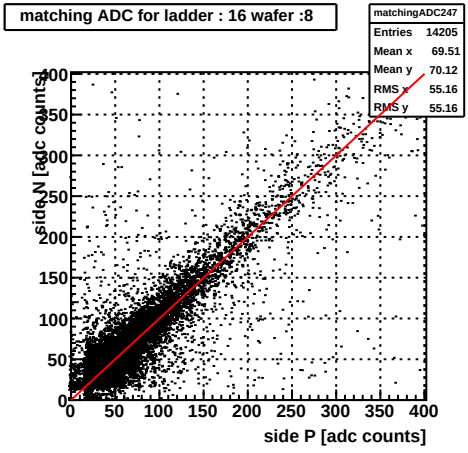

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 10329
Mean x 69.6
Mean y 62.99
RMS x 55.92
RMS y 53.26
side N [adc counts]
side P [adc counts]

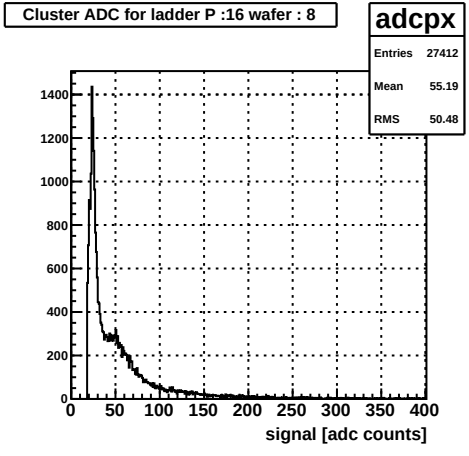

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 35903
Mean 48.74
RMS 49.15
signal [adc counts]

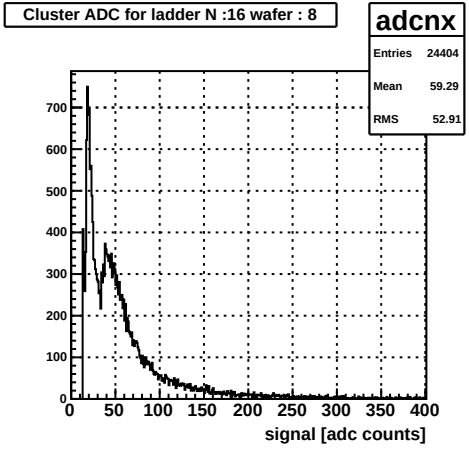

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 17634
Mean 57.26
RMS 52.1
signal [adc counts]

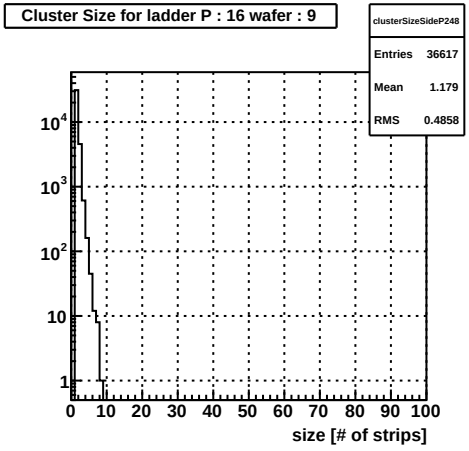

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 27412
Mean 1.212
RMS 0.5333
size [# of strips]

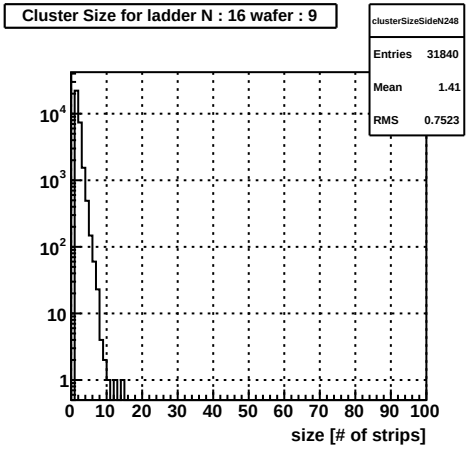

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 24404
Mean 1.49
RMS 0.8398
size [# of strips]

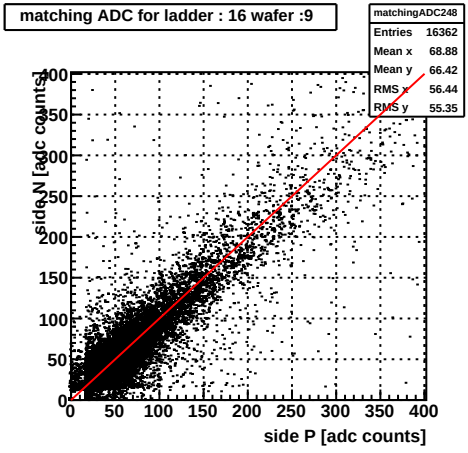

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 14205
Mean x 69.51
Mean y 70.12
RMS x 55.16
RMS y 55.16
side N [adc counts]
side P [adc counts]

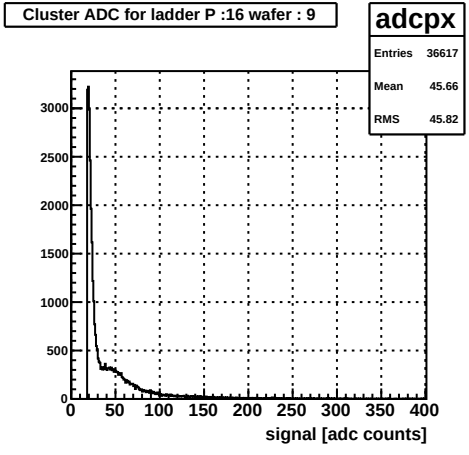

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 27412
Mean 55.19
RMS 50.48
signal [adc counts]

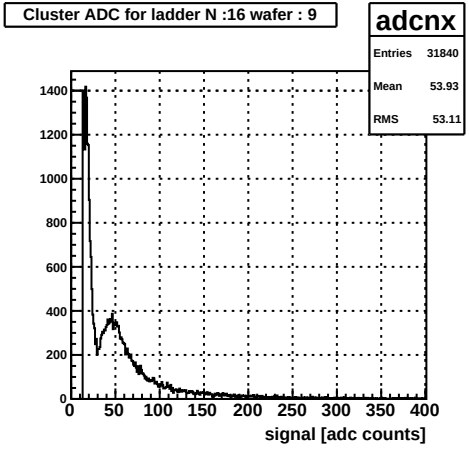

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 24404
Mean 59.29
RMS 52.91
signal [adc counts]

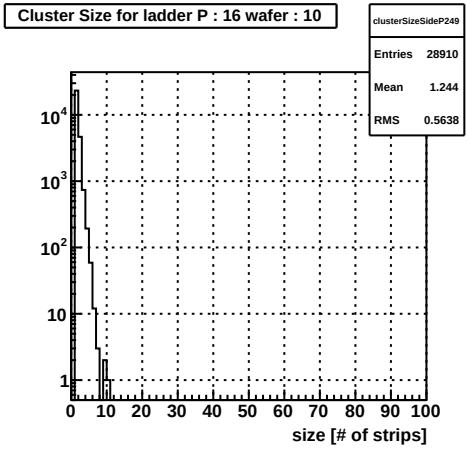

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 36617
Mean 1.179
RMS 0.4858
size [# of strips]

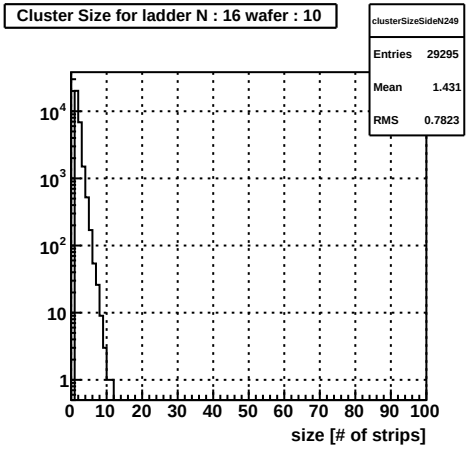

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 31840
Mean 1.41
RMS 0.7523
size [# of strips]

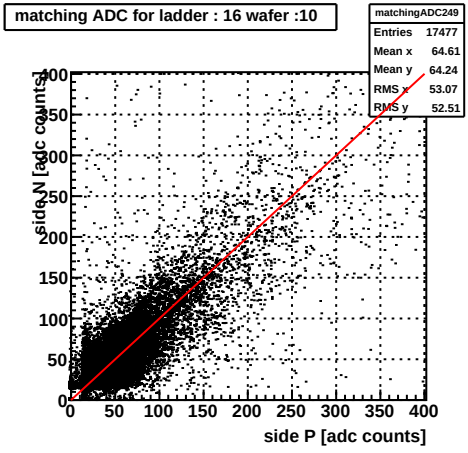

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 16362
Mean x 68.88
Mean y 66.42
RMS x 56.44
RMS y 55.35
side N [adc counts]
side P [adc counts]

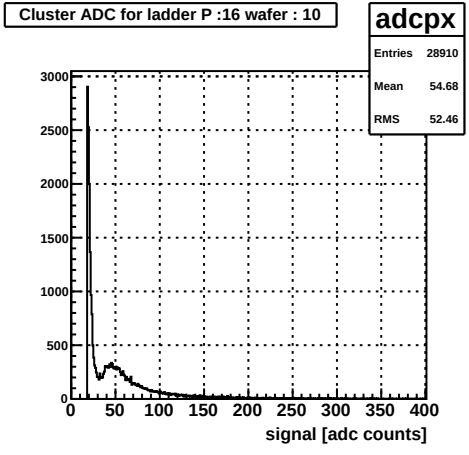

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 36617
Mean 45.66
RMS 45.82
signal [adc counts]

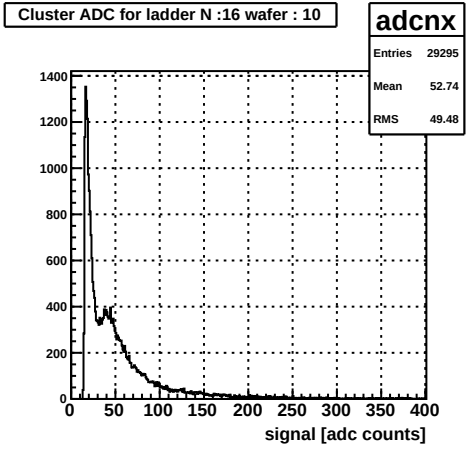

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 31840
Mean 53.93
RMS 53.11
signal [adc counts]

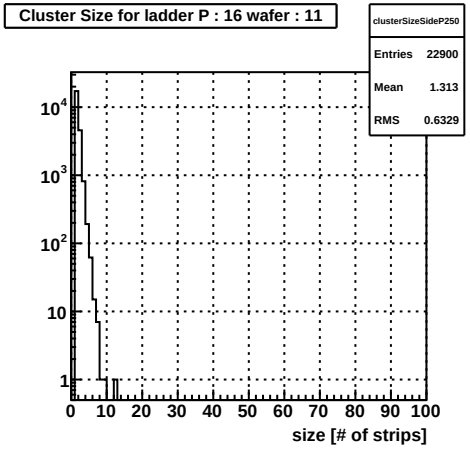

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 28910
Mean 1.244
RMS 0.5638
size [# of strips]

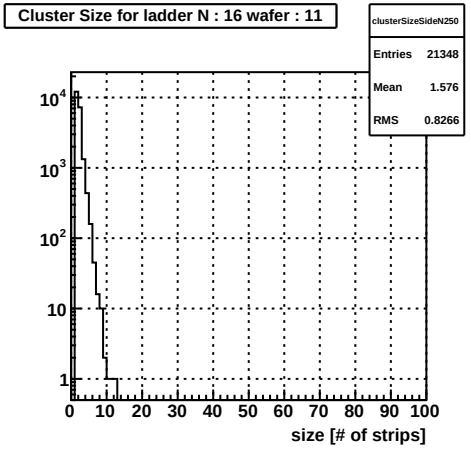

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 29295
Mean 1.431
RMS 0.7823
size [# of strips]

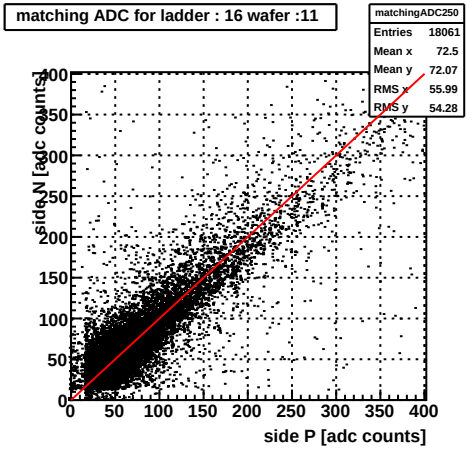

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 17477
Mean x 64.61
Mean y 64.24
RMS x 53.07
RMS y 52.51
side N [adc counts]
side P [adc counts]

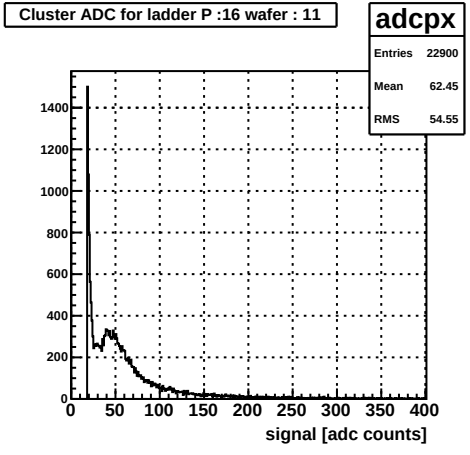

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 28910
Mean 54.68
RMS 52.46
signal [adc counts]

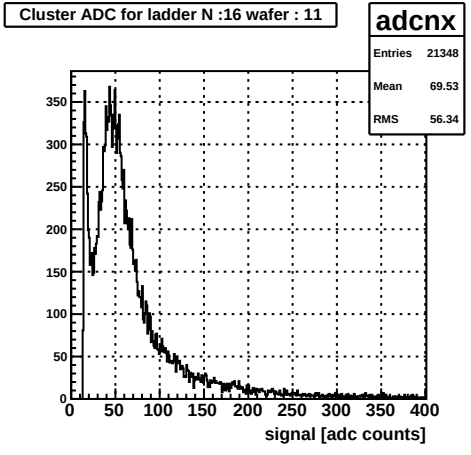

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 29295
Mean 52.74
RMS 49.48
signal [adc counts]

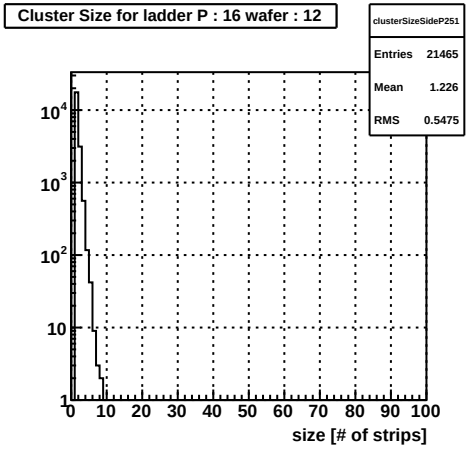

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 22900
Mean 1.313
RMS 0.6329
size [# of strips]

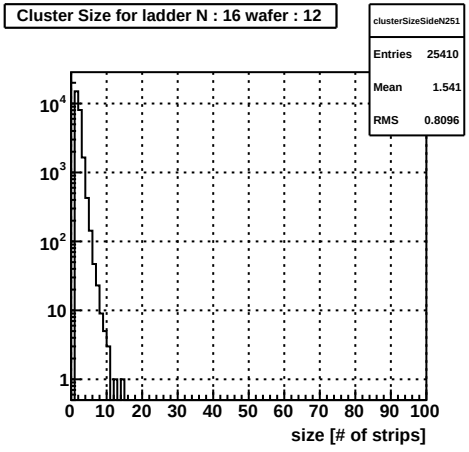

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 21348
Mean 1.576
RMS 0.8266
size [# of strips]

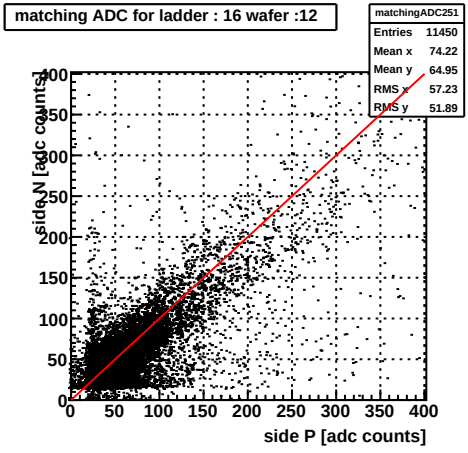

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 18061
Mean x 72.5
Mean y 72.07
RMS x 55.99
RMS y 54.28
side N [adc counts]
side P [adc counts]

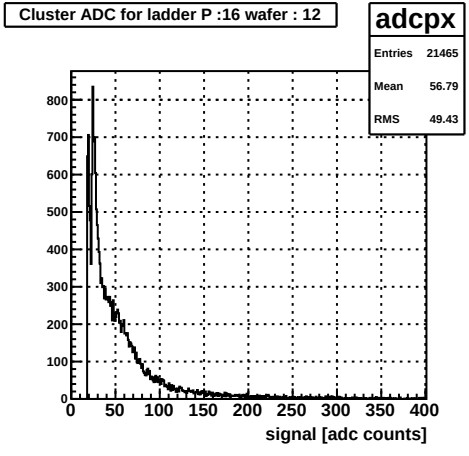

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 22900
Mean 62.45
RMS 54.55
signal [adc counts]

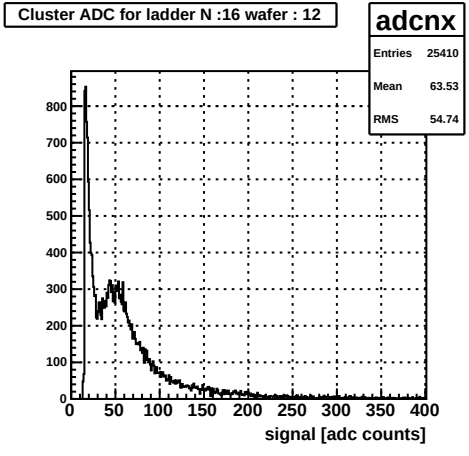

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 21348
Mean 69.53
RMS 56.34
signal [adc counts]

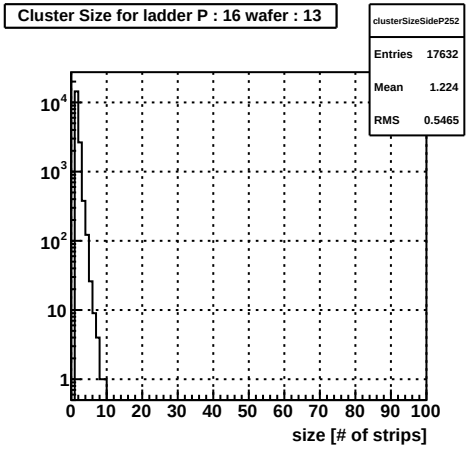

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 21465
Mean 1.226
RMS 0.5475
size [# of strips]

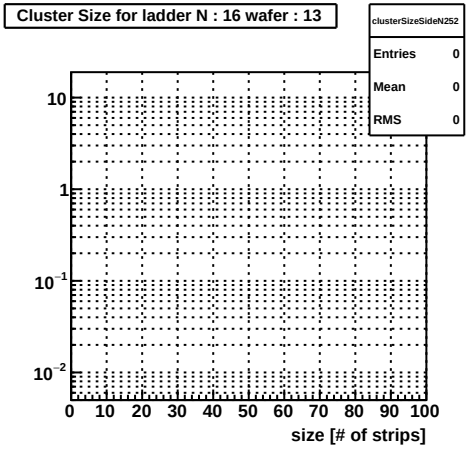

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 25410
Mean 1.541
RMS 0.8096
size [# of strips]

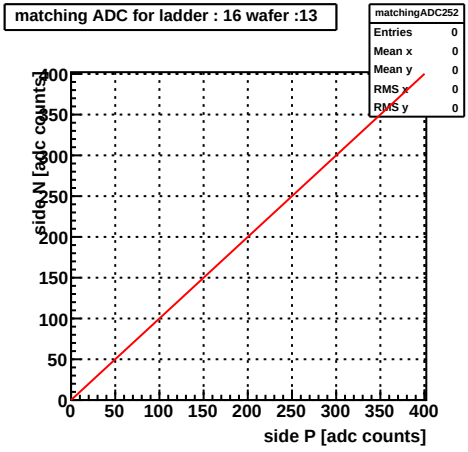

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 11450
Mean x 74.22
Mean y 64.95
RMS x 57.23
RMS y 51.89
side N [adc counts]
side P [adc counts]

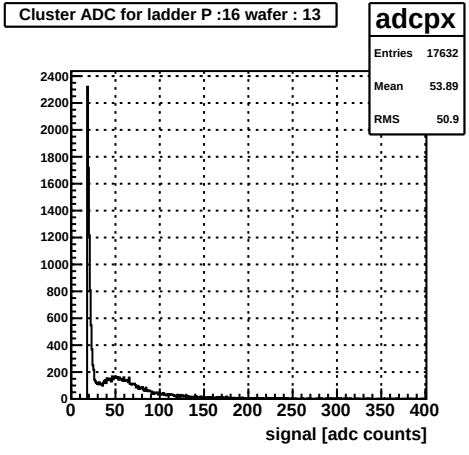

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 21465
Mean 56.79
RMS 49.43
signal [adc counts]

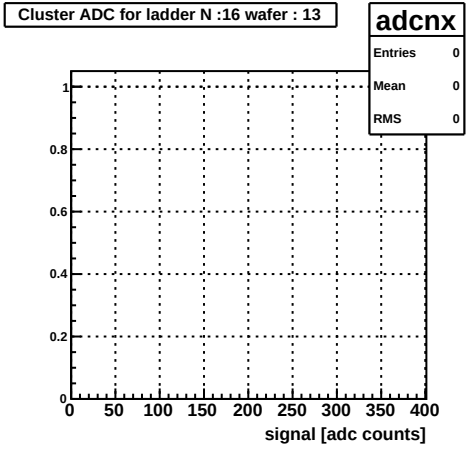

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 25410
Mean 63.53
RMS 54.74
signal [adc counts]

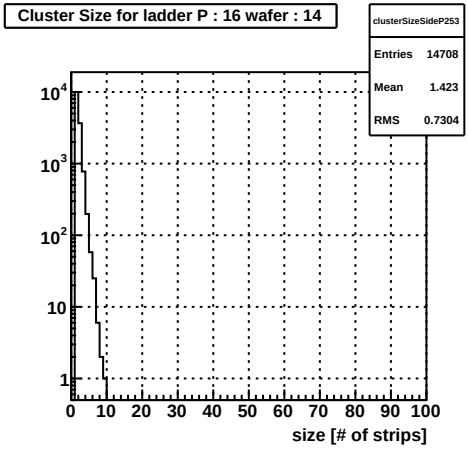

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 17632
Mean 1.224
RMS 0.5465
size [# of strips]

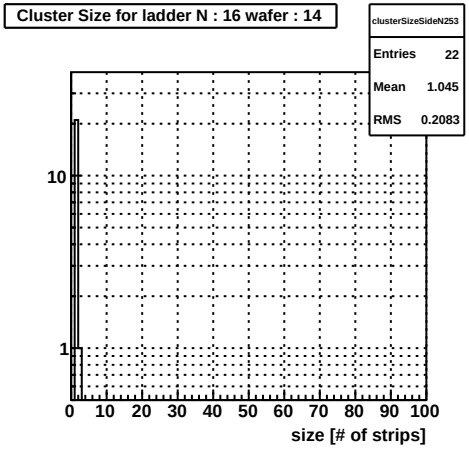

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

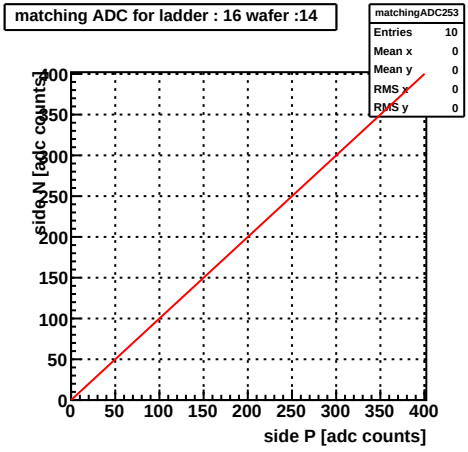

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

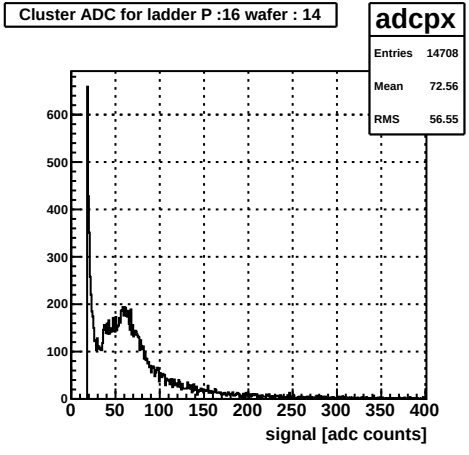

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 17632
Mean 53.89
RMS 50.9
signal [adc counts]

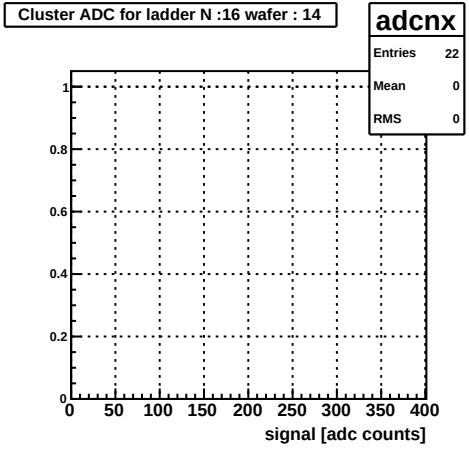

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

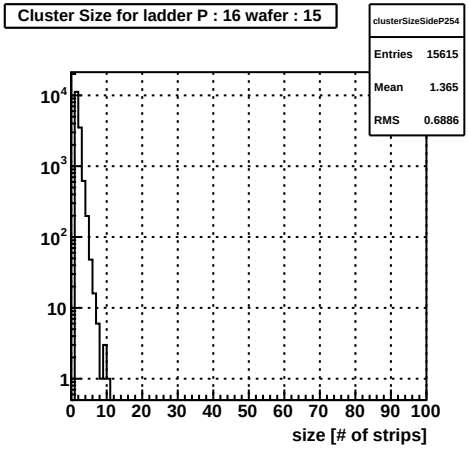

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 14708
Mean 1.423
RMS 0.7304
size [# of strips]

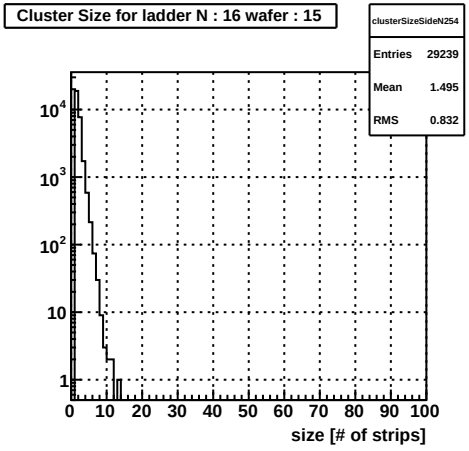

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 22
Mean 1.045
RMS 0.2083
size [# of strips]

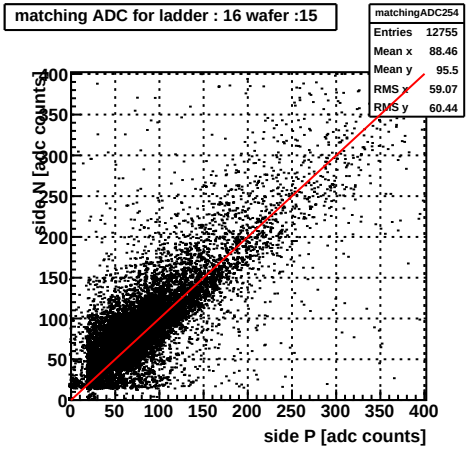

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 10
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

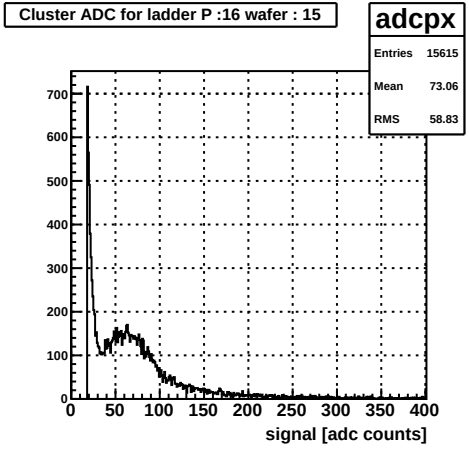

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 14708
Mean 72.56
RMS 56.55
signal [adc counts]

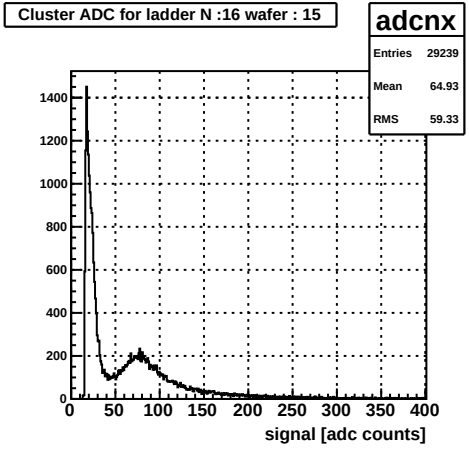

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 22
Mean 0
RMS 0
signal [adc counts]

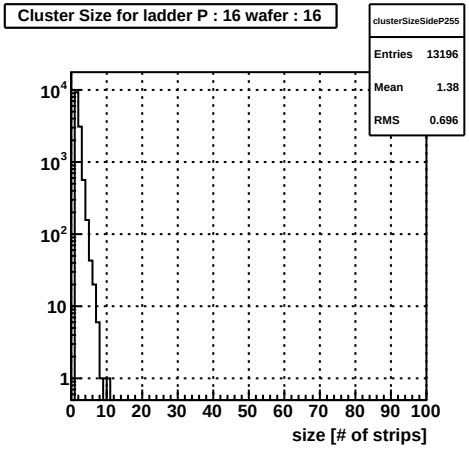

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 15615
Mean 1.365
RMS 0.6886
size [# of strips]

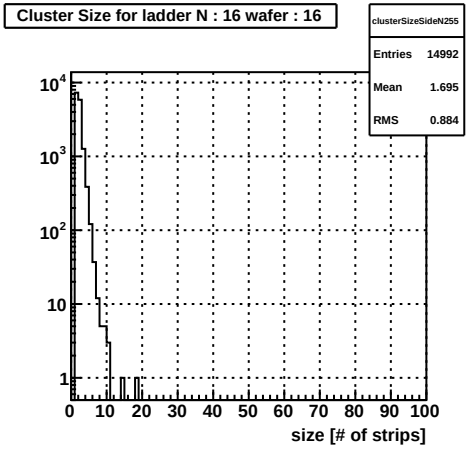

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 29239
Mean 1.495
RMS 0.832
size [# of strips]

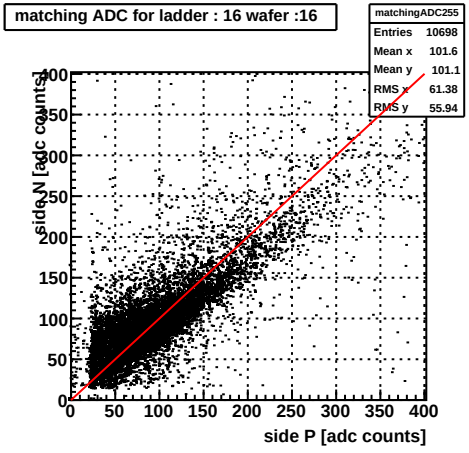

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 12755
Mean x 88.46
Mean y 95.5
RMS x 59.07
RMS y 60.44
side N [adc counts]
side P [adc counts]

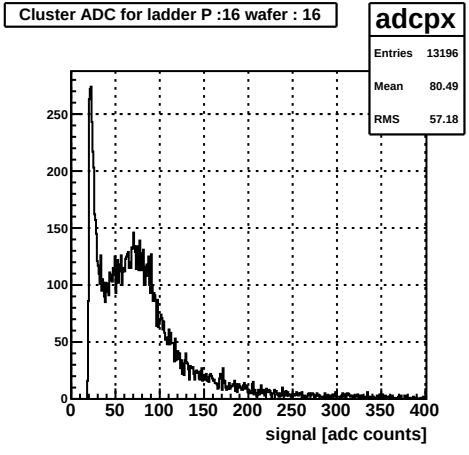

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 15615
Mean 73.06
RMS 58.83
signal [adc counts]

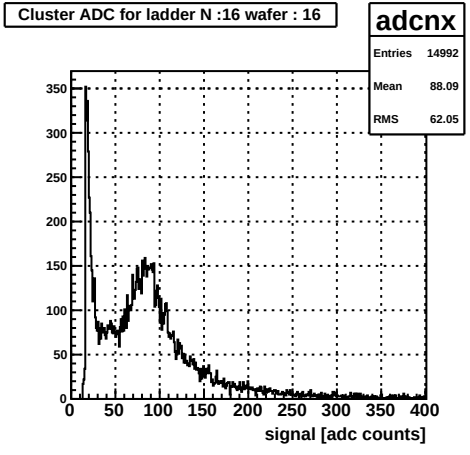

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 29239
Mean 64.93
RMS 59.33
signal [adc counts]

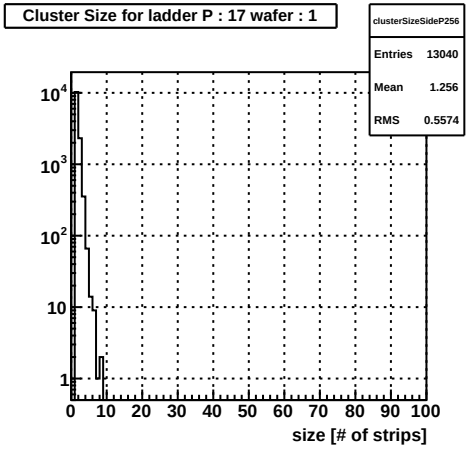

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 13196
Mean 1.38
RMS 0.696
size [# of strips]

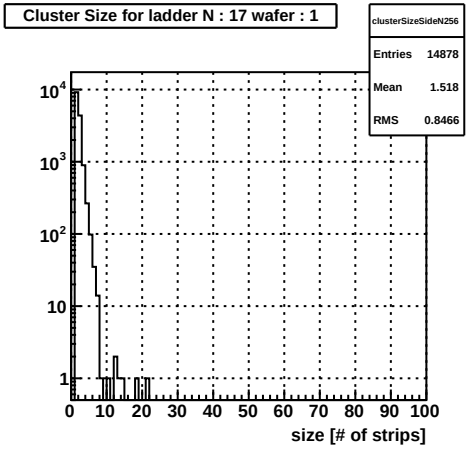

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 14992
Mean 1.695
RMS 0.884
size [# of strips]

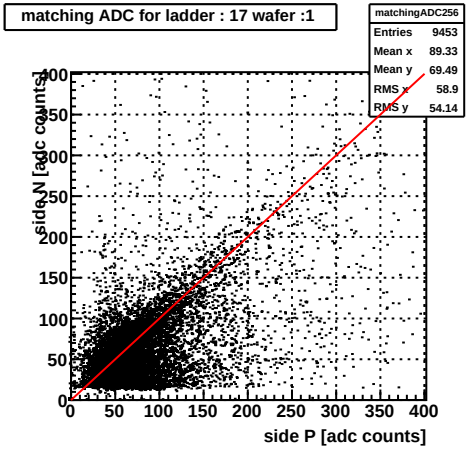

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 10698
Mean x 101.6
Mean y 101.1
RMS x 61.38
RMS y 55.94
side N [adc counts]
side P [adc counts]

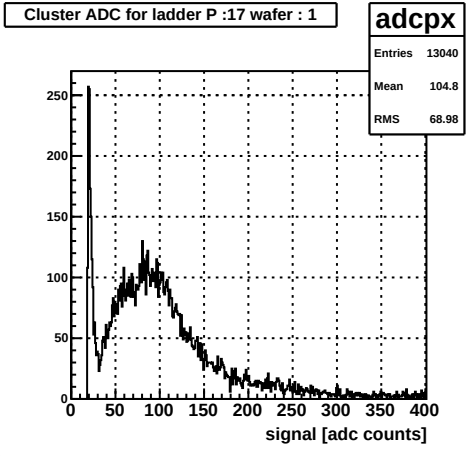

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 13196
Mean 80.49
RMS 57.18
signal [adc counts]

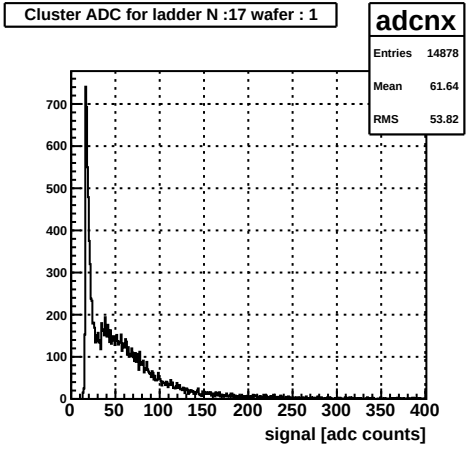

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 14992
Mean 88.09
RMS 62.05
signal [adc counts]

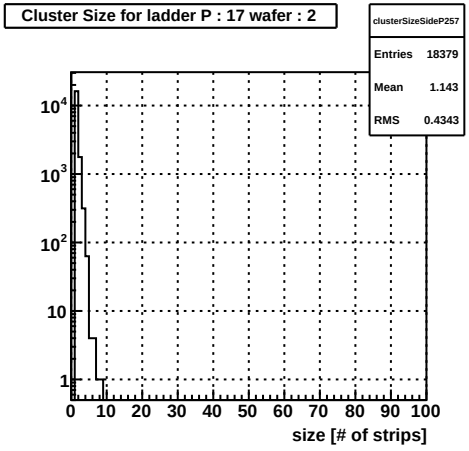

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 13040
Mean 1.256
RMS 0.5574
size [# of strips]

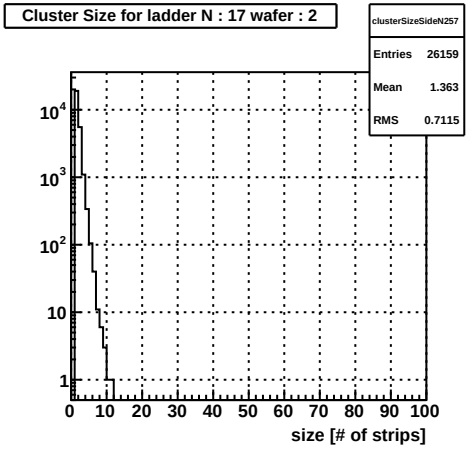

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 14878
Mean 1.518
RMS 0.8466
size [# of strips]

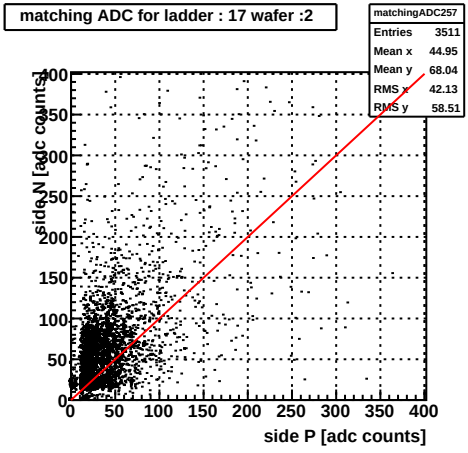

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 9453
Mean x 89.33
Mean y 69.49
RMS x 58.9
RMS y 54.14
side N [adc counts]
side P [adc counts]

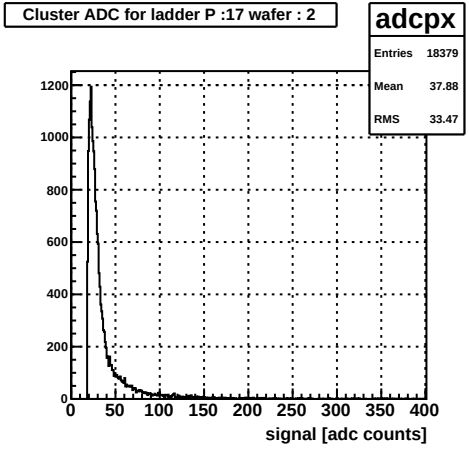

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 13040
Mean 104.8
RMS 68.98
signal [adc counts]

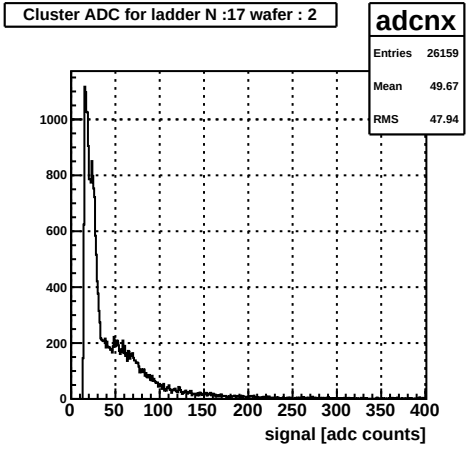

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 14878
Mean 61.64
RMS 53.82
signal [adc counts]

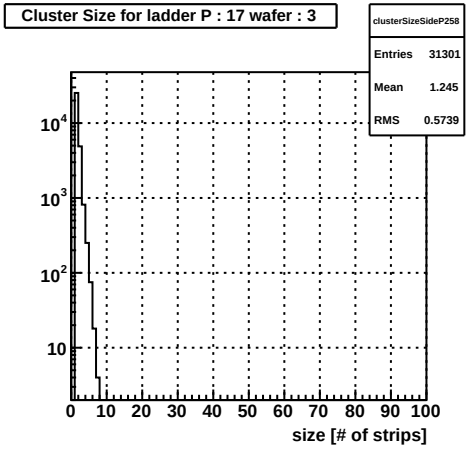

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 18379
Mean 1.143
RMS 0.4343
size [# of strips]

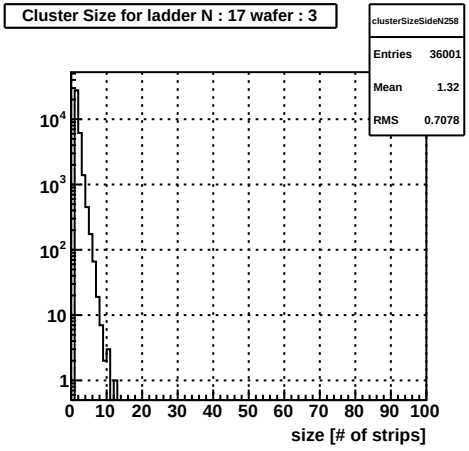

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 26159
Mean 1.363
RMS 0.7115
size [# of strips]

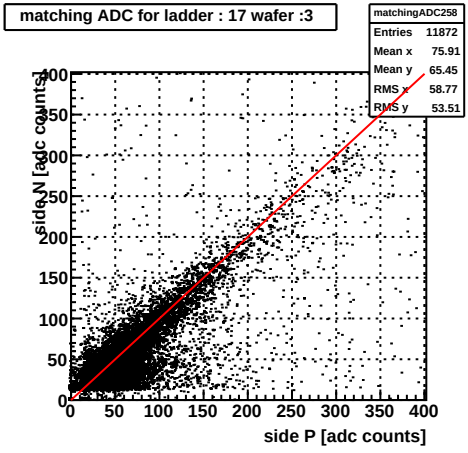

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 3511
Mean x 44.95
Mean y 68.04
RMS x 42.13
RMS y 58.51
side N [adc counts]
side P [adc counts]

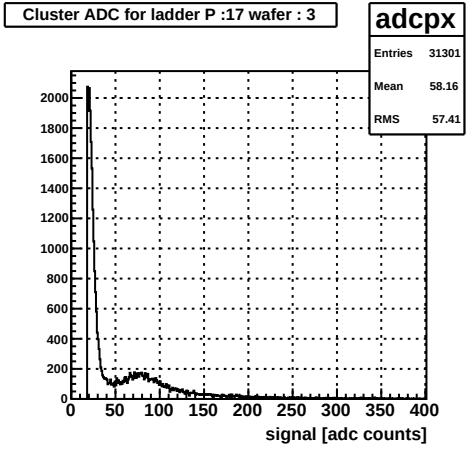

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 18379
Mean 37.88
RMS 33.47
signal [adc counts]

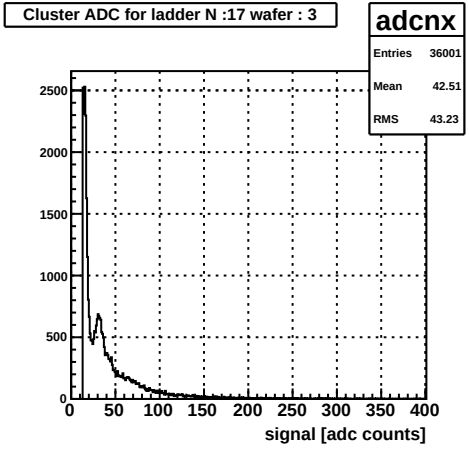

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 26159
Mean 49.67
RMS 47.94
signal [adc counts]

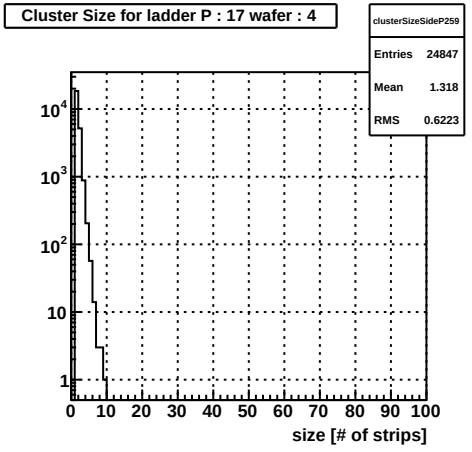

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 31301
Mean 1.245
RMS 0.5739
size [# of strips]

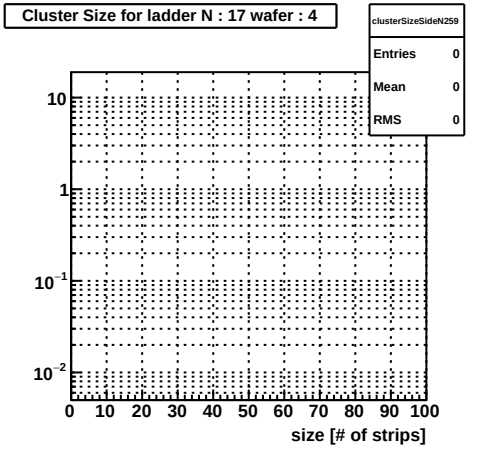

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 36001
Mean 1.32
RMS 0.7078
size [# of strips]

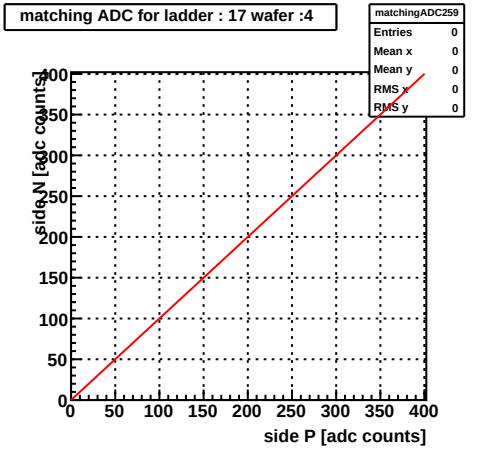

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 11872
Mean x 75.91
Mean y 65.45
RMS x 58.77
RMS y 53.51
side N [adc counts]
side P [adc counts]

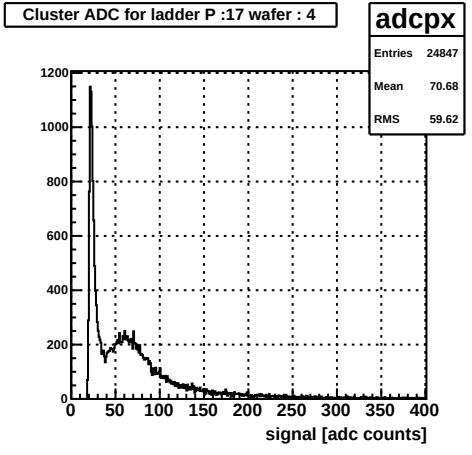

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 31301
Mean 58.16
RMS 57.41
signal [adc counts]

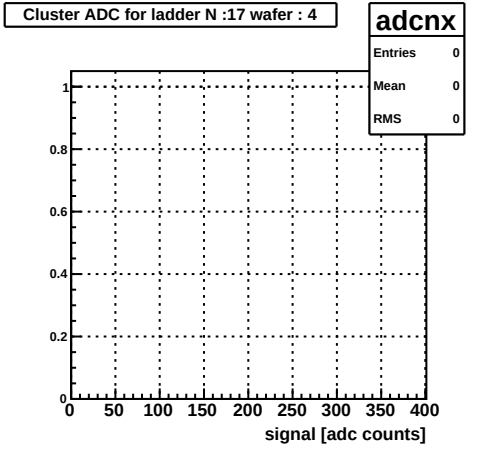

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 36001
Mean 42.51
RMS 43.23
signal [adc counts]

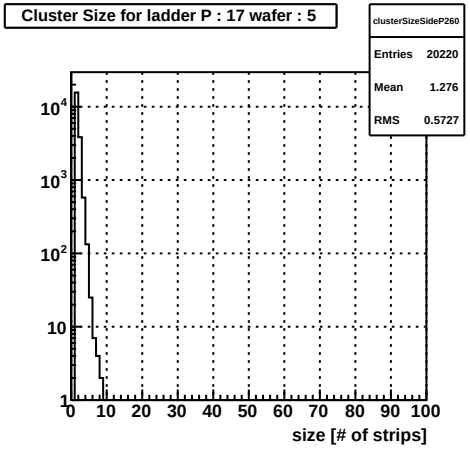

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 24847
Mean 1.318
RMS 0.6223
size [# of strips]

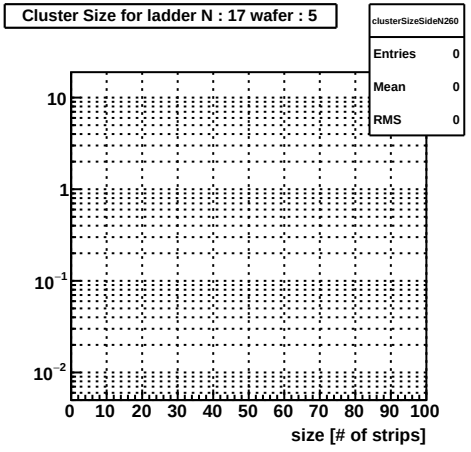

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

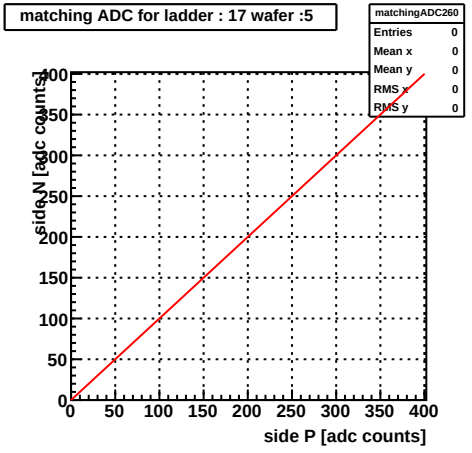

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

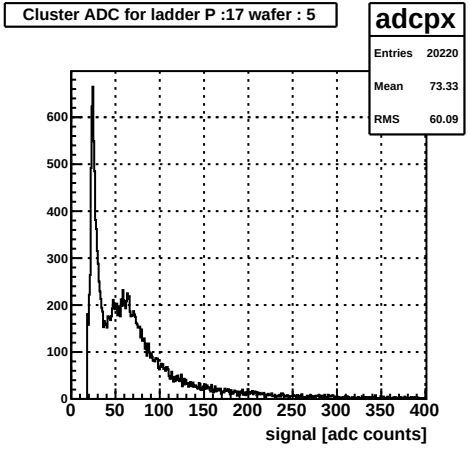

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 24847
Mean 70.68
RMS 59.62
signal [adc counts]

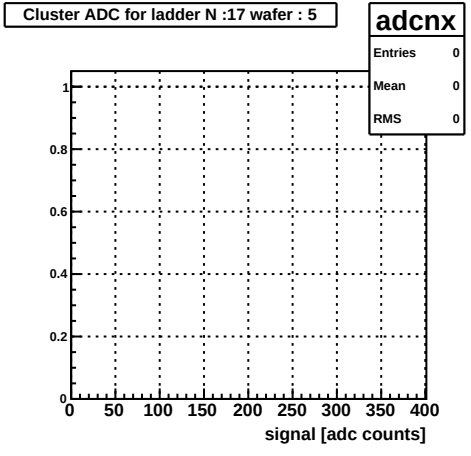

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

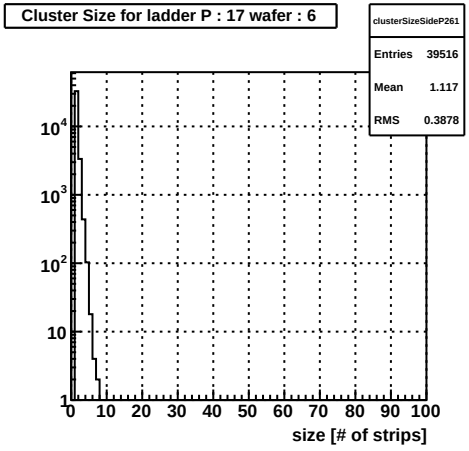

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 20220
Mean 1.276
RMS 0.5727
size [# of strips]

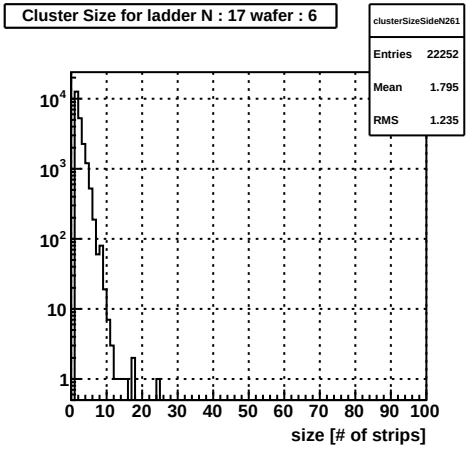

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

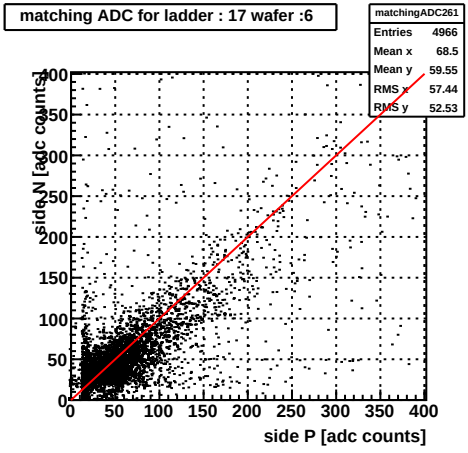

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

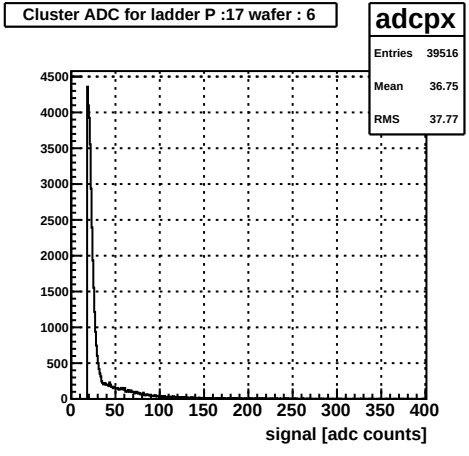

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 20220
Mean 73.33
RMS 60.09
signal [adc counts]

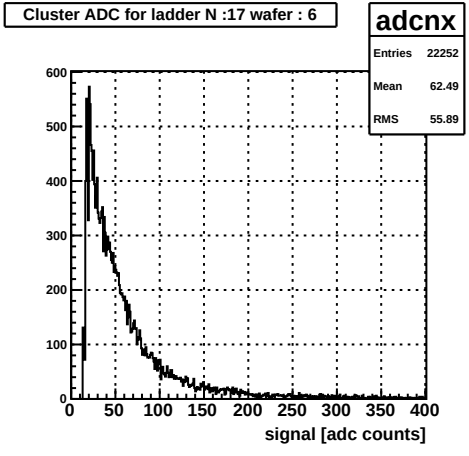

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

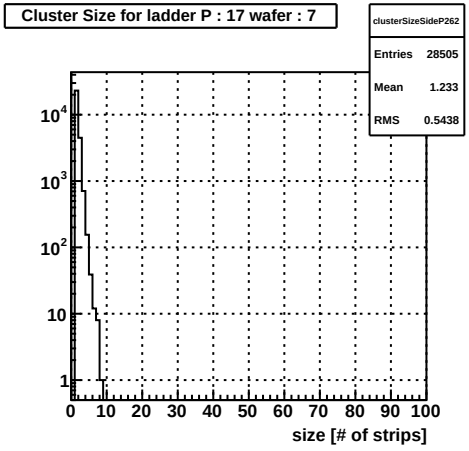

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 39516
Mean 1.117
RMS 0.3878
size [# of strips]

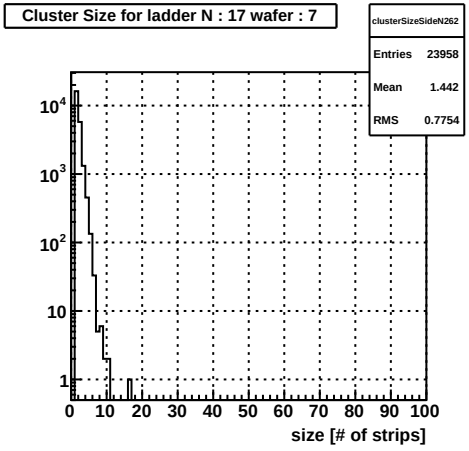

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 22252
Mean 1.795
RMS 1.235
size [# of strips]

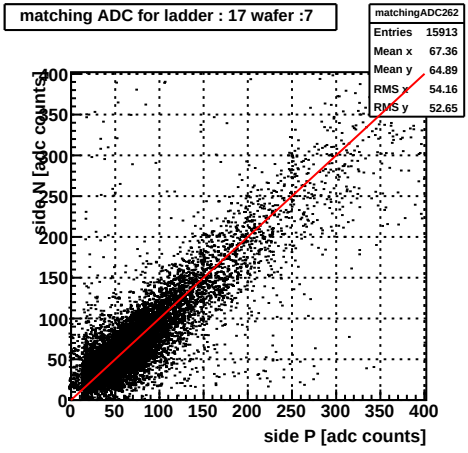

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4966
Mean x 68.5
Mean y 59.55
RMS x 57.44
RMS y 52.53
side N [adc counts]
side P [adc counts]

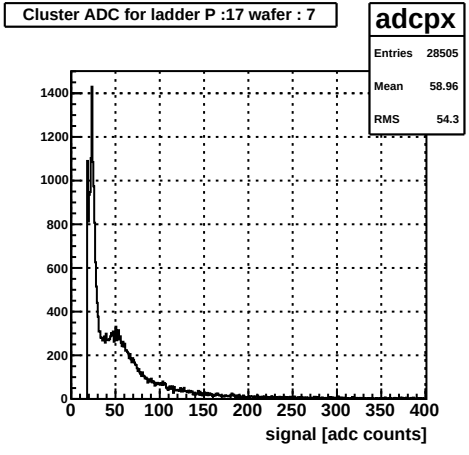

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 39516
Mean 36.75
RMS 37.77
signal [adc counts]

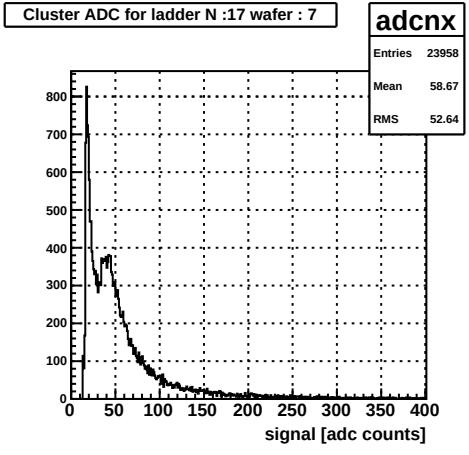

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 22252
Mean 62.49
RMS 55.89
signal [adc counts]

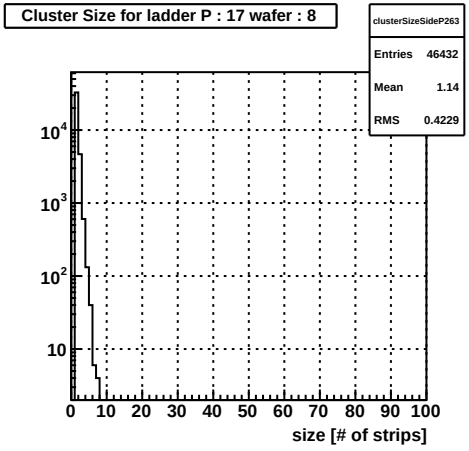

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 28505
Mean 1.233
RMS 0.5438
size [# of strips]

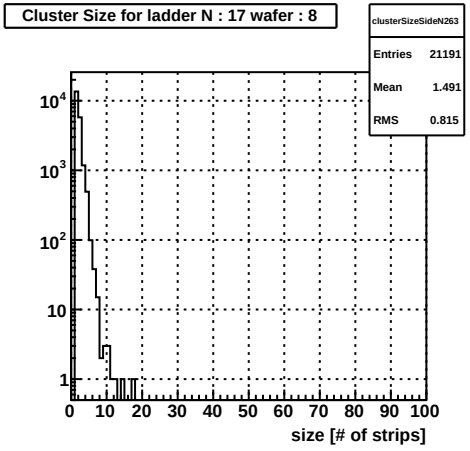

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 23958
Mean 1.442
RMS 0.7754
size [# of strips]

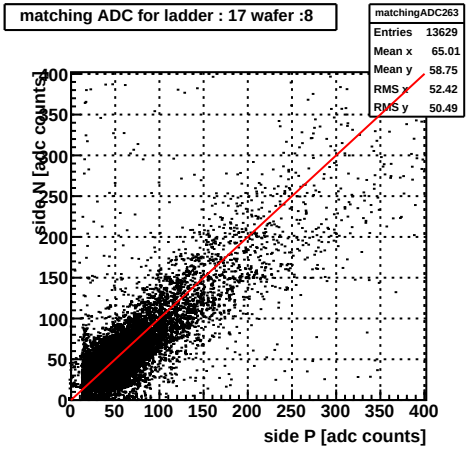

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 15913
Mean x 67.36
Mean y 64.89
RMS x 54.16
RMS y 52.65
side N [adc counts]
side P [adc counts]

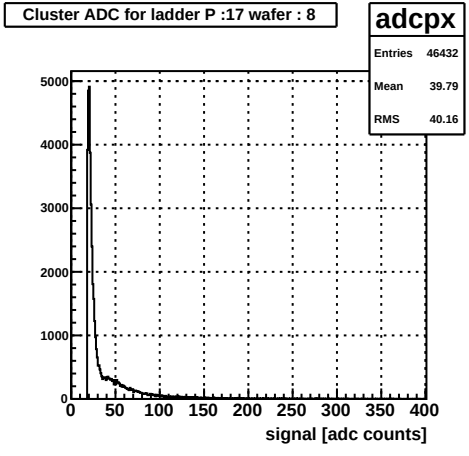

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 28505
Mean 58.96
RMS 54.3
signal [adc counts]

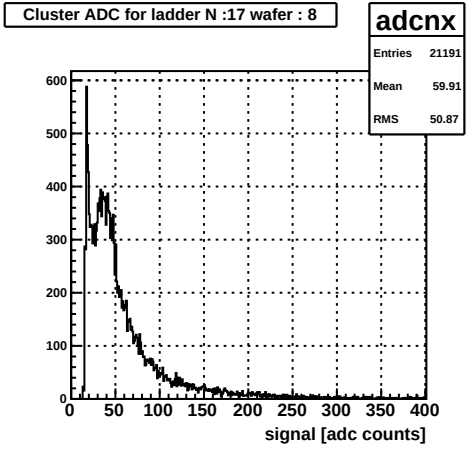

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 23958
Mean 58.67
RMS 52.64
signal [adc counts]

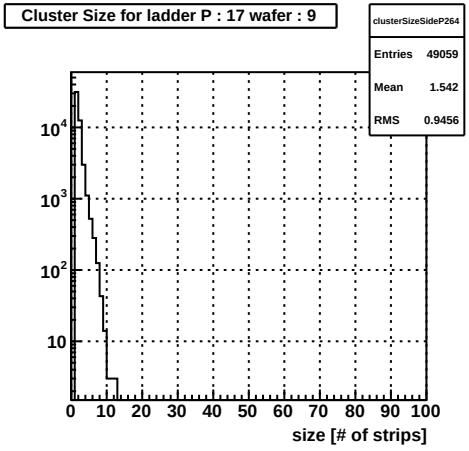

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 46432
Mean 1.14
RMS 0.4229
size [# of strips]

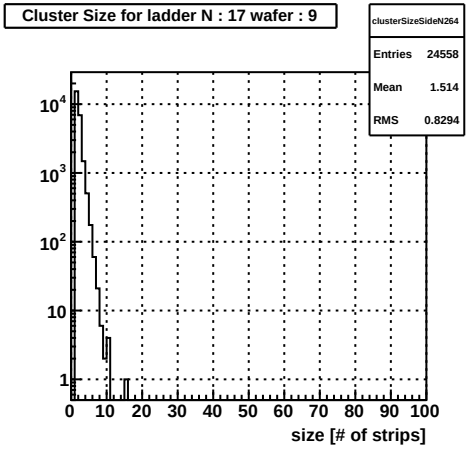

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 21191
Mean 1.491
RMS 0.815
size [# of strips]

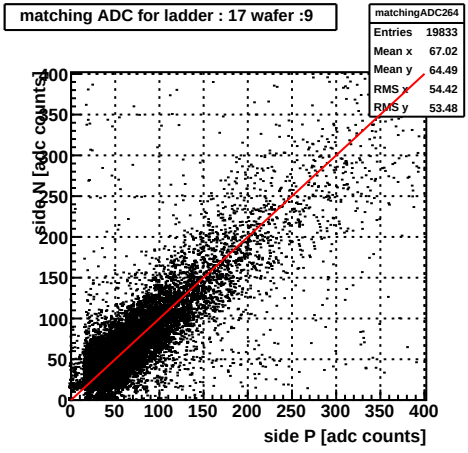

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 13629
Mean x 65.01
Mean y 58.75
RMS x 52.42
RMS y 50.49
side N [adc counts]
side P [adc counts]

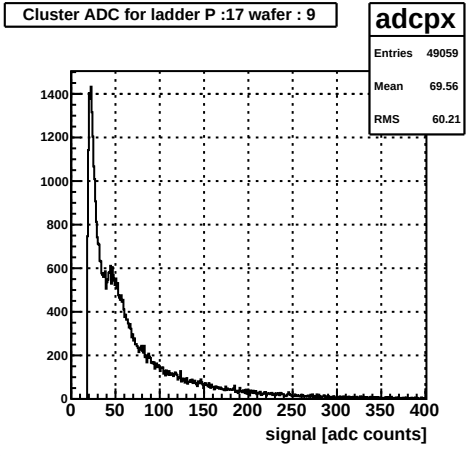

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 46432
Mean 39.79
RMS 40.16
signal [adc counts]

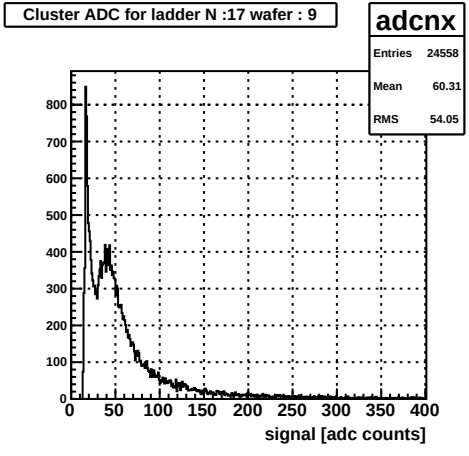

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 21191
Mean 59.91
RMS 50.87
signal [adc counts]

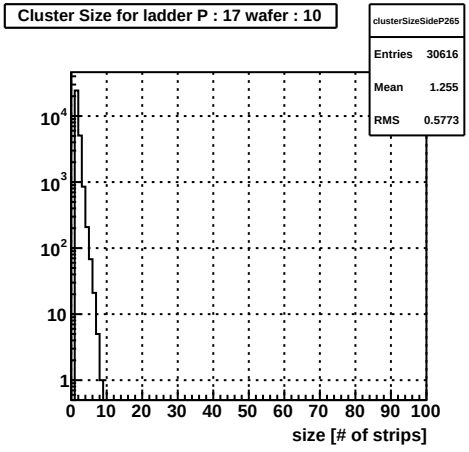

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 49059
Mean 1.542
RMS 0.9456
size [# of strips]

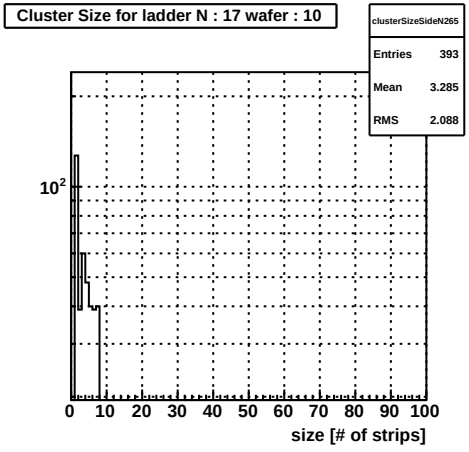

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 24558
Mean 1.514
RMS 0.8294
size [# of strips]

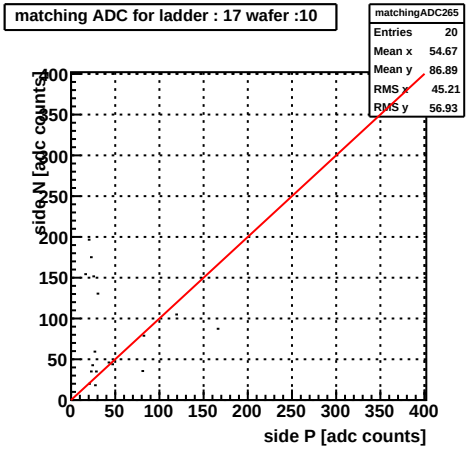

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 19833
Mean x 67.02
Mean y 64.49
RMS x 54.42
RMS y 53.48
side N [adc counts]
side P [adc counts]

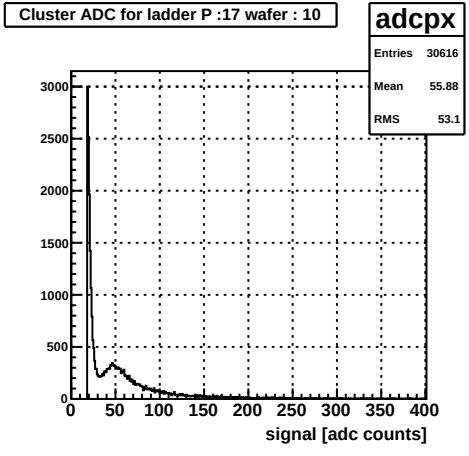

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 49059
Mean 69.56
RMS 60.21
signal [adc counts]

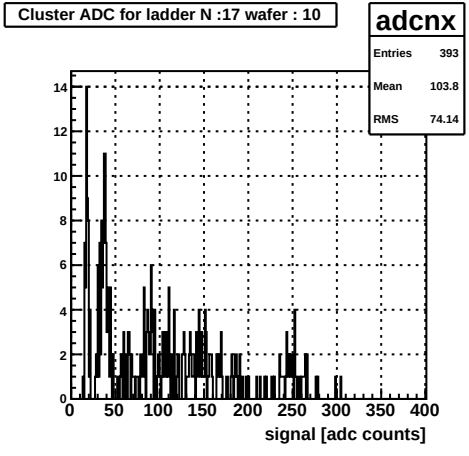

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 24558
Mean 60.31
RMS 54.05
signal [adc counts]

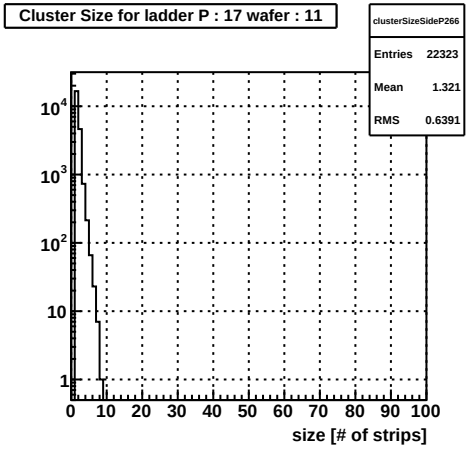

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 30616
Mean 1.255
RMS 0.5773
size [# of strips]

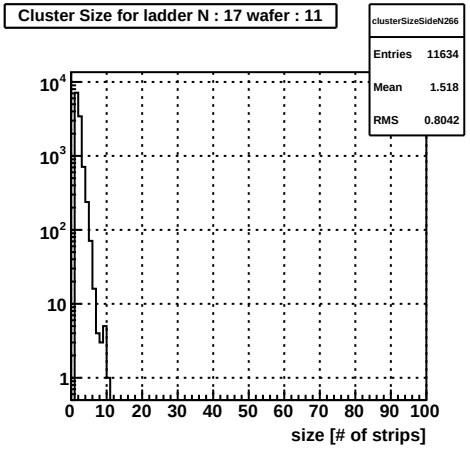

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 393
Mean 3.285
RMS 2.088
size [# of strips]

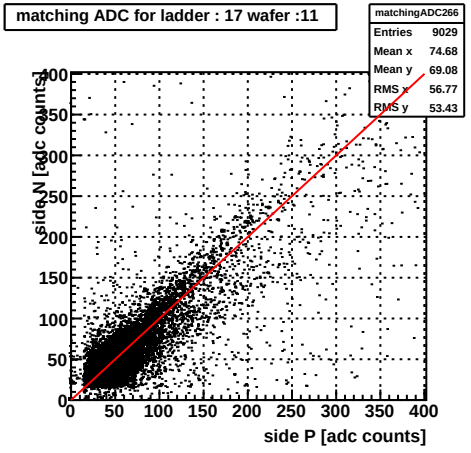

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 20
Mean x 54.67
Mean y 86.89
RMS x 45.21
RMS y 56.93
side N [adc counts]
side P [adc counts]

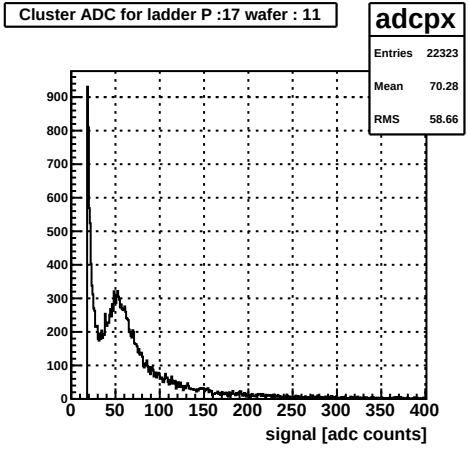

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 30616
Mean 55.88
RMS 53.1
signal [adc counts]

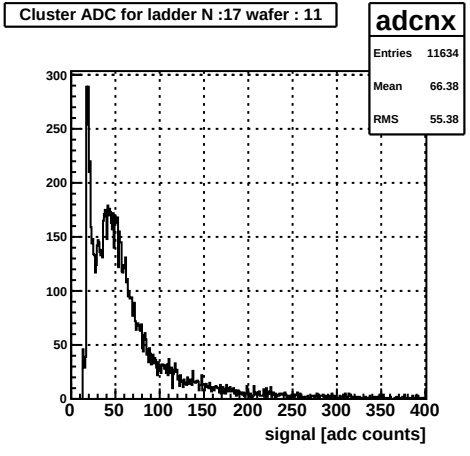

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 393
Mean 103.8
RMS 74.14
signal [adc counts]

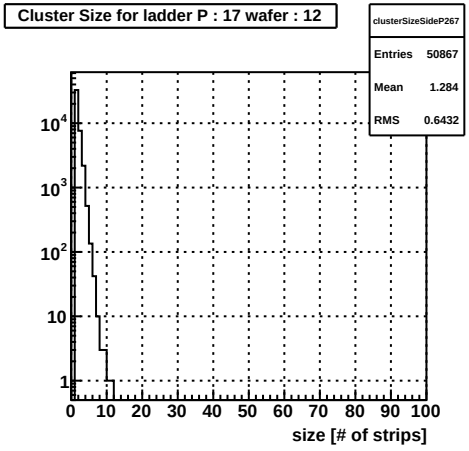

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 22323
Mean 1.321
RMS 0.6391
size [# of strips]

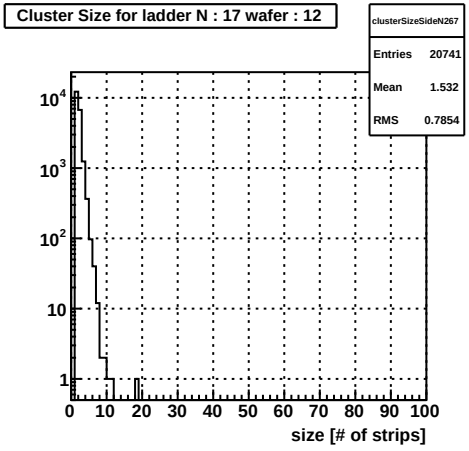

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 11634
Mean 1.518
RMS 0.8042
size [# of strips]

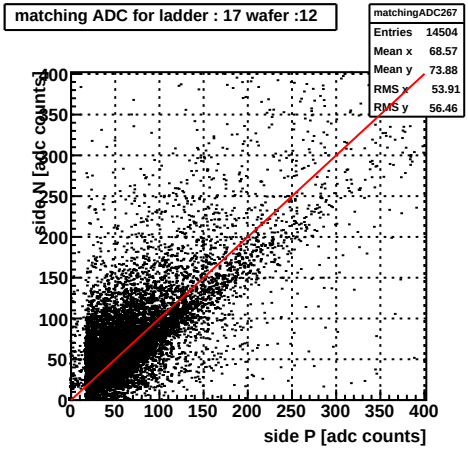

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 9029
Mean x 74.68
Mean y 69.08
RMS x 56.77
RMS y 53.43
side N [adc counts]
side P [adc counts]

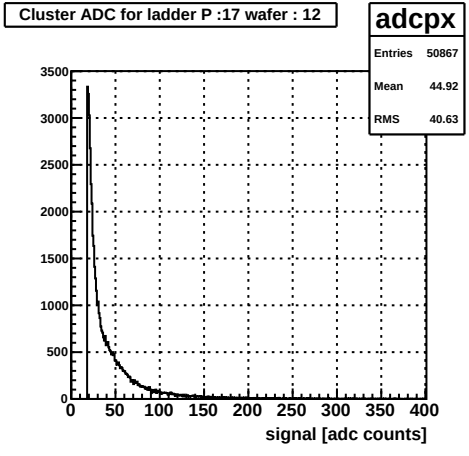

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 22323
Mean 70.28
RMS 58.66
signal [adc counts]

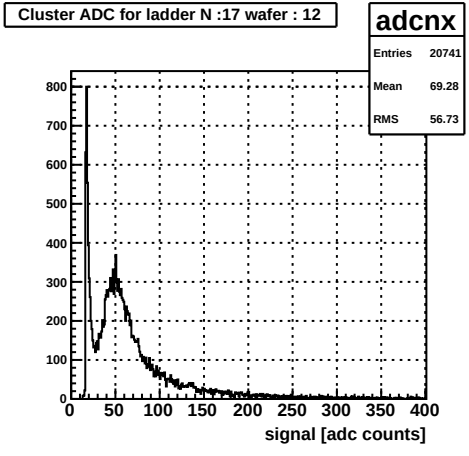

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 11634
Mean 66.38
RMS 55.38
signal [adc counts]

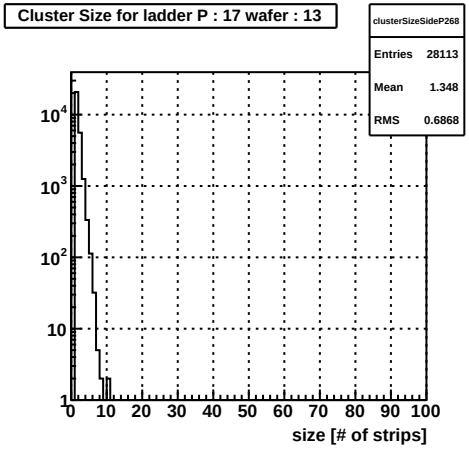

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 50867
Mean 1.284
RMS 0.6432
size [# of strips]

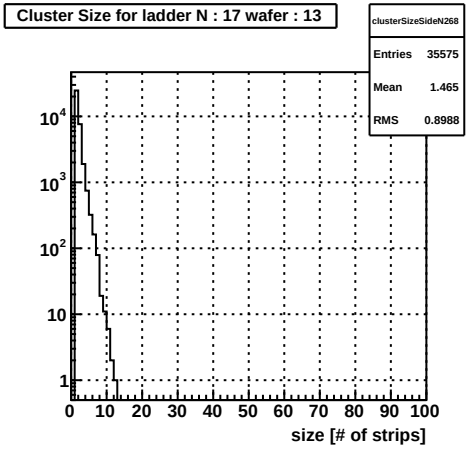

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 20741
Mean 1.532
RMS 0.7854
size [# of strips]

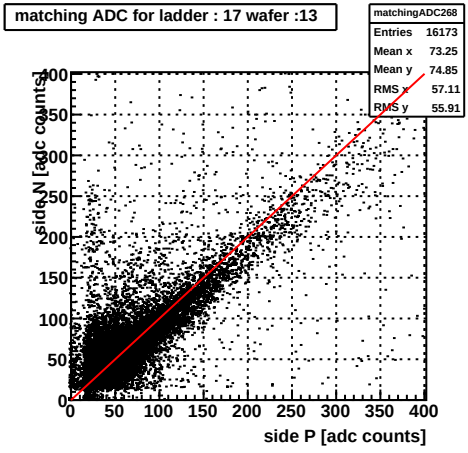

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 14504
Mean x 68.57
Mean y 73.88
RMS x 53.91
RMS y 56.46
side N [adc counts]
side P [adc counts]

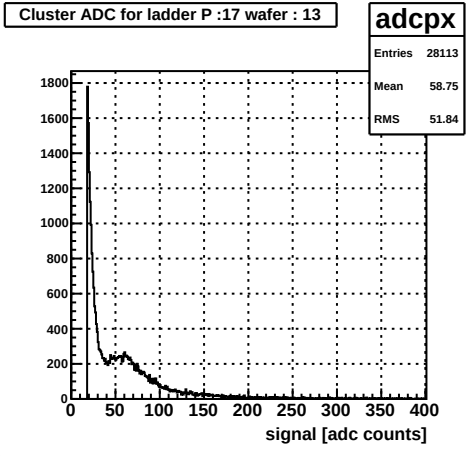

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 50867
Mean 44.92
RMS 40.63
signal [adc counts]

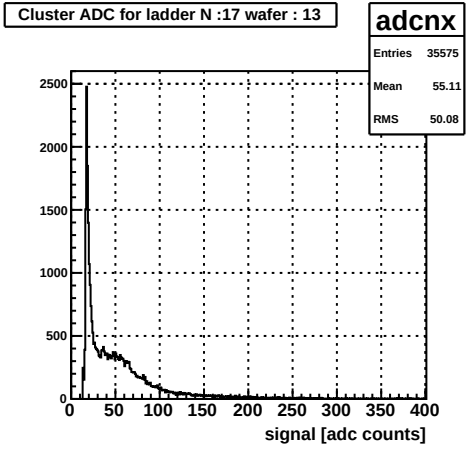

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 20741
Mean 69.28
RMS 56.73
signal [adc counts]

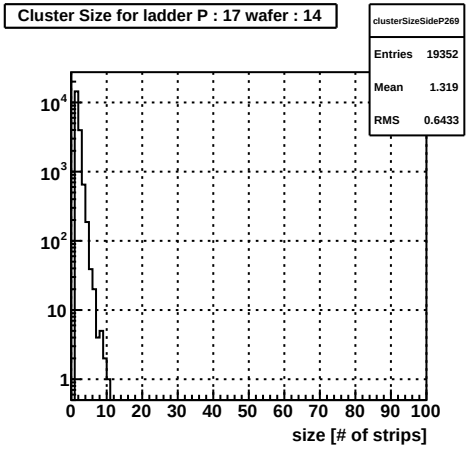

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 28113
Mean 1.348
RMS 0.6868
size [# of strips]

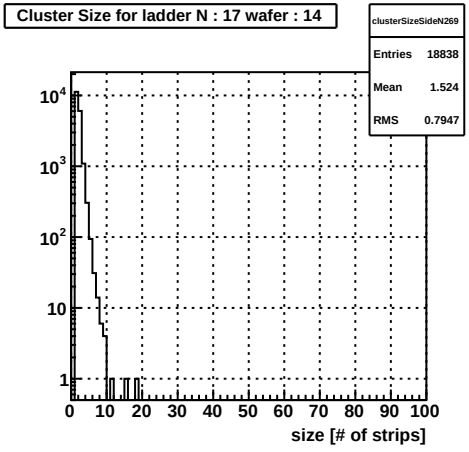

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 35575
Mean 1.465
RMS 0.8988
size [# of strips]

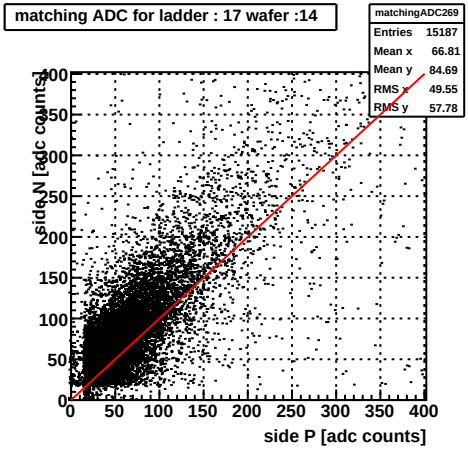

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 16173
Mean x 73.25
Mean y 74.85
RMS x 57.11
RMS y 55.91
side N [adc counts]
side P [adc counts]

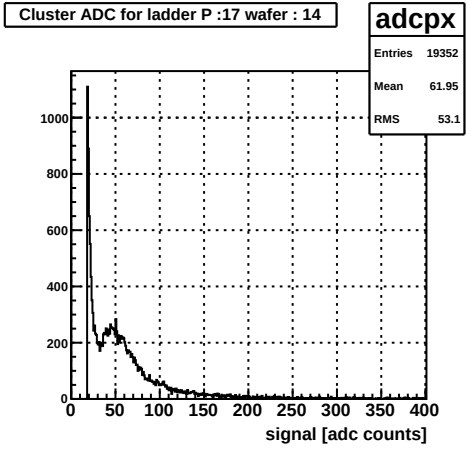

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 28113
Mean 58.75
RMS 51.84
signal [adc counts]

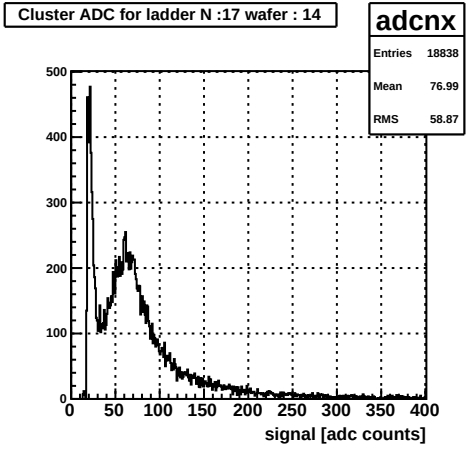

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 35575
Mean 55.11
RMS 50.08
signal [adc counts]

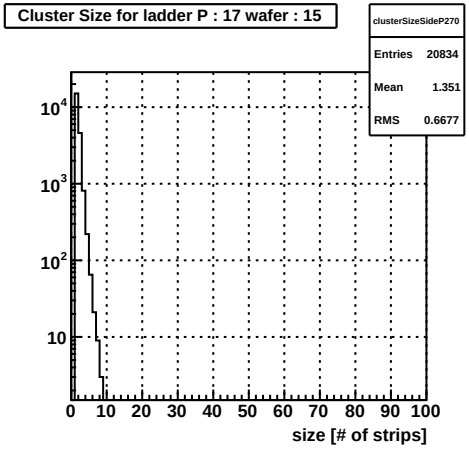

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 19352
Mean 1.319
RMS 0.6433
size [# of strips]

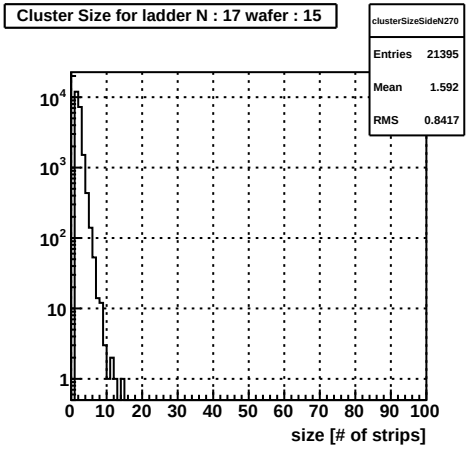

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 18838
Mean 1.524
RMS 0.7947
size [# of strips]

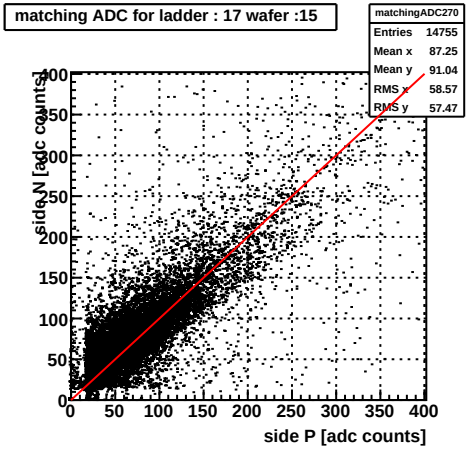

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 15187
Mean x 66.81
Mean y 84.69
RMS x 49.55
RMS y 57.78
side N [adc counts]
side P [adc counts]

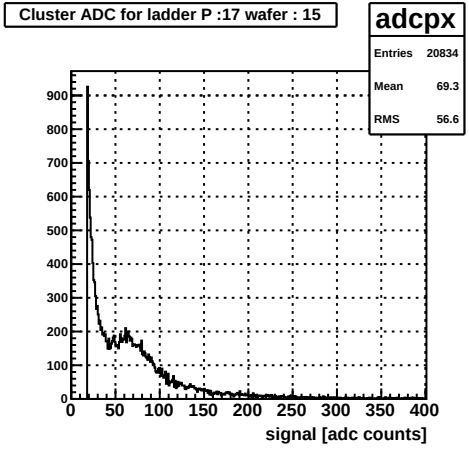

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 19352
Mean 61.95
RMS 53.1
signal [adc counts]

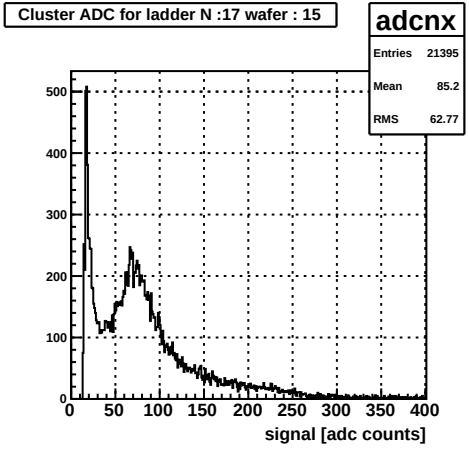

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 18838
Mean 76.99
RMS 58.87
signal [adc counts]

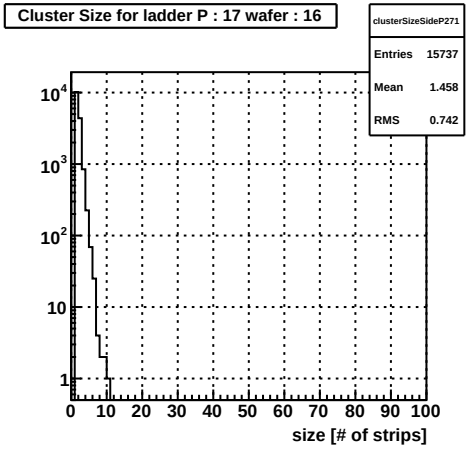

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 20834
Mean 1.351
RMS 0.6677
size [# of strips]

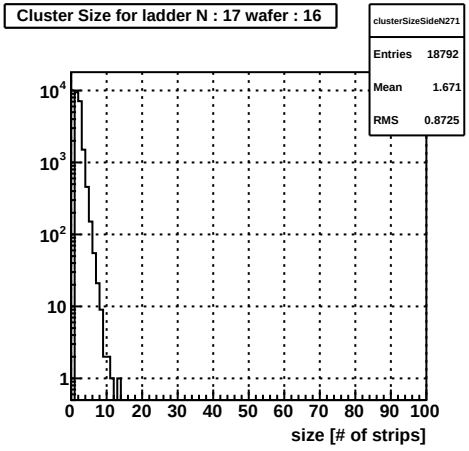

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 21395
Mean 1.592
RMS 0.8417
size [# of strips]

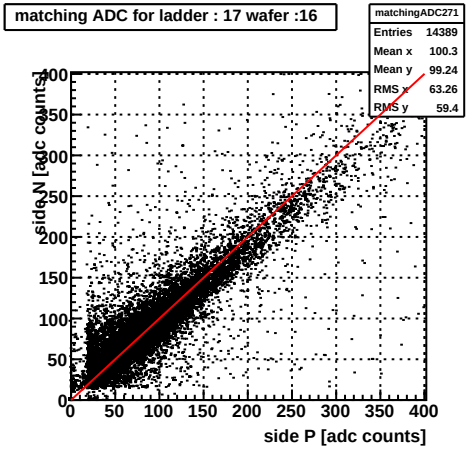

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 14755
Mean x 87.25
Mean y 91.04
RMS x 58.57
RMS y 57.47
side N [adc counts]
side P [adc counts]

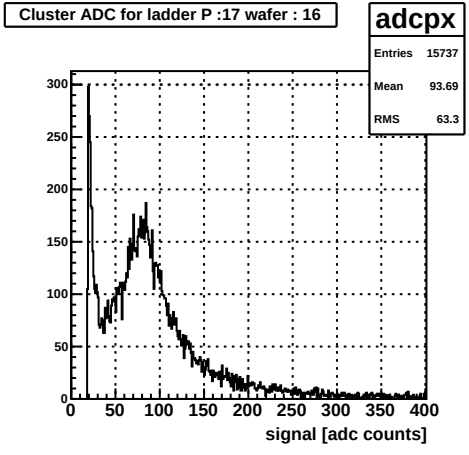

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 20834
Mean 69.3
RMS 56.6
signal [adc counts]

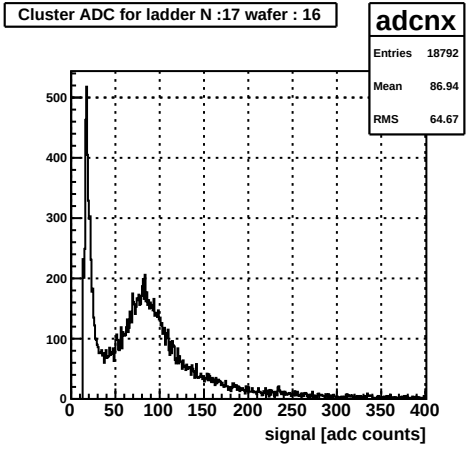

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 21395
Mean 85.2
RMS 62.77
signal [adc counts]

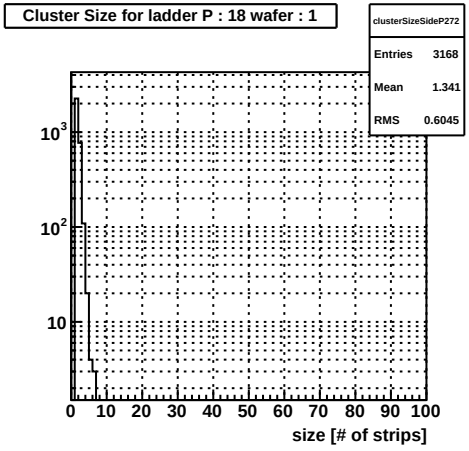

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 15737
Mean 1.458
RMS 0.742
size [# of strips]

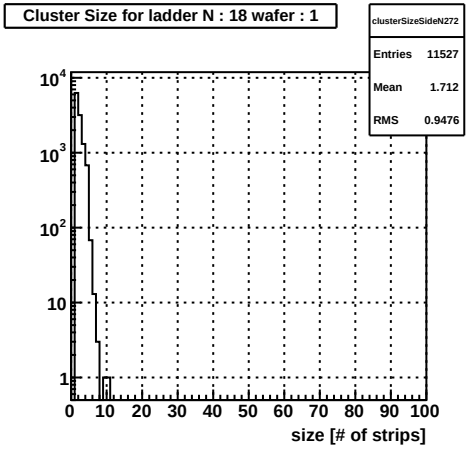

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 18792
Mean 1.671
RMS 0.8725
size [# of strips]

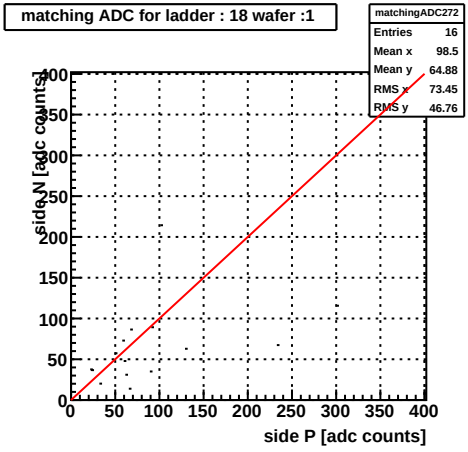

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 14389
Mean x 100.3
Mean y 99.24
RMS x 63.26
RMS y 59.4
side N [adc counts]
side P [adc counts]

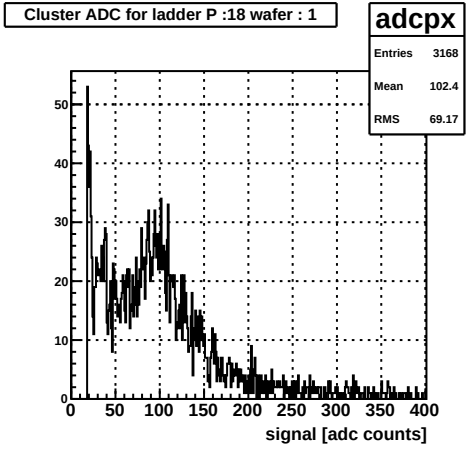

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 15737
Mean 93.69
RMS 63.3
signal [adc counts]

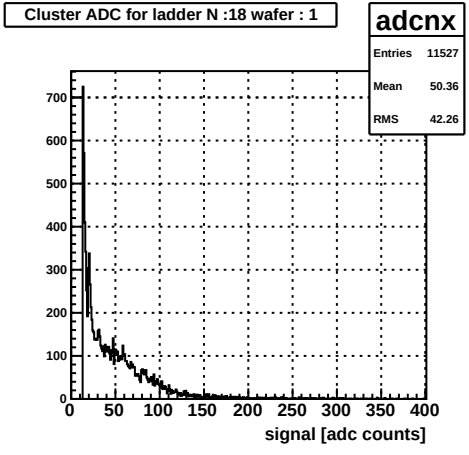

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 18792
Mean 86.94
RMS 64.67
signal [adc counts]

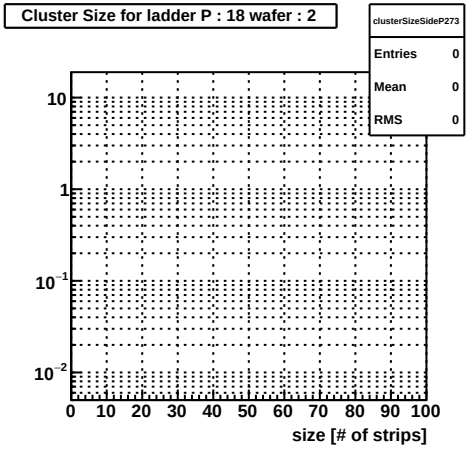

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 3168
Mean 1.341
RMS 0.6045
size [# of strips]

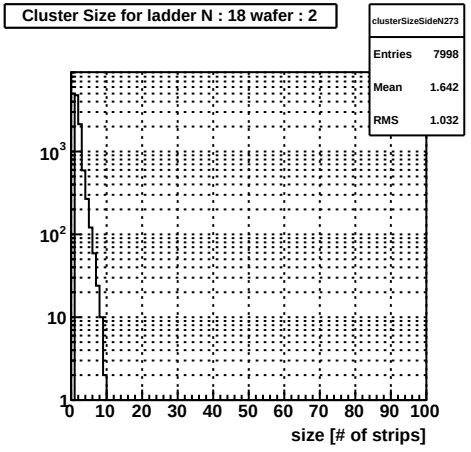

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 11527
Mean 1.712
RMS 0.9476
size [# of strips]

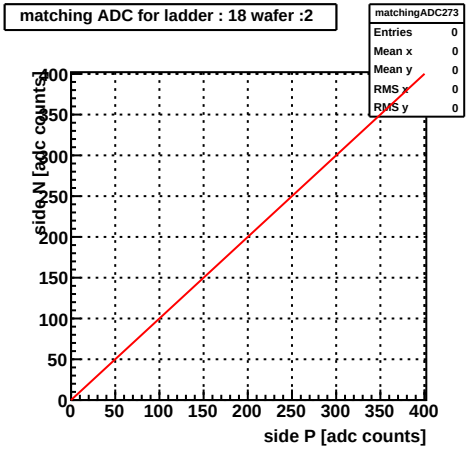

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 16
Mean x 98.5
Mean y 64.88
RMS x 73.45
RMS y 46.76
side N [adc counts]
side P [adc counts]

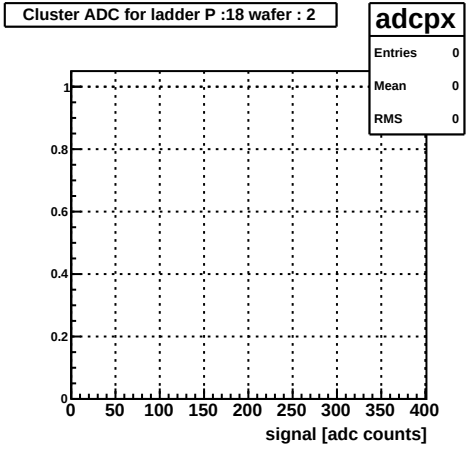

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 3168
Mean 102.4
RMS 69.17
signal [adc counts]

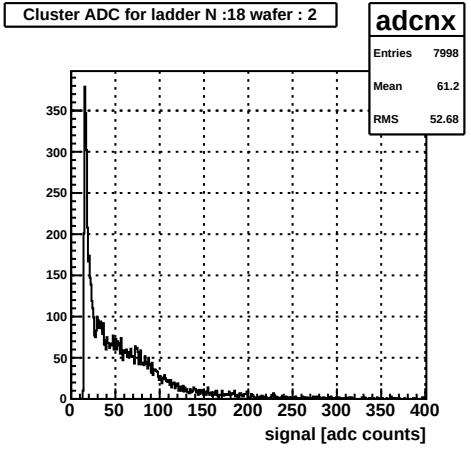

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 11527
Mean 50.36
RMS 42.26
signal [adc counts]

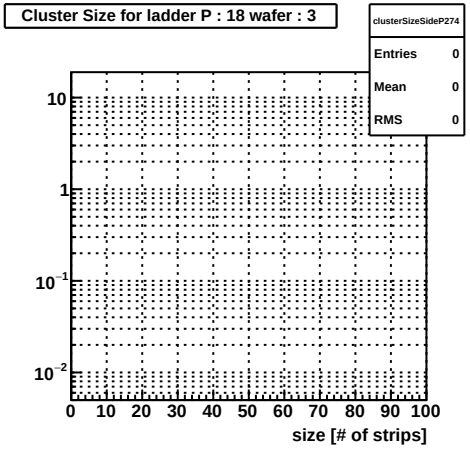

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

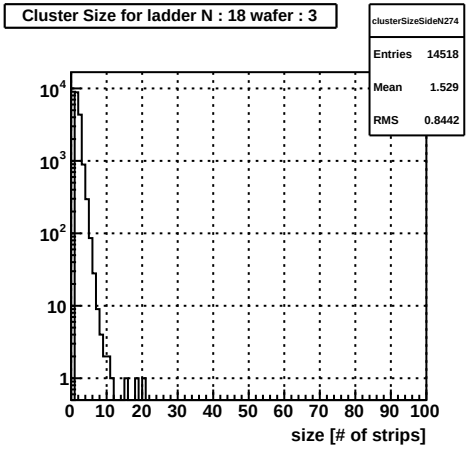

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7998
Mean 1.642
RMS 1.032
size [# of strips]

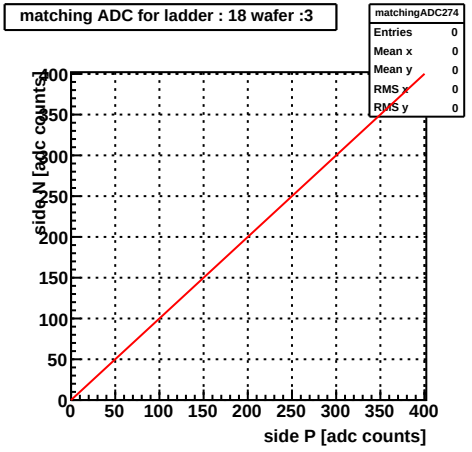

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

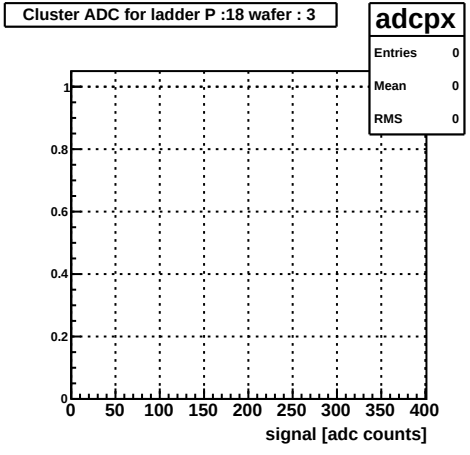

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

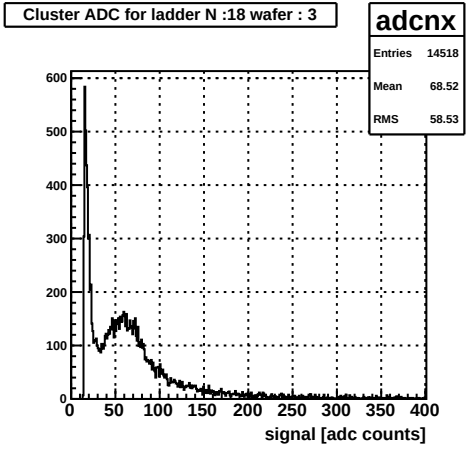

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7998
Mean 61.2
RMS 52.68
signal [adc counts]

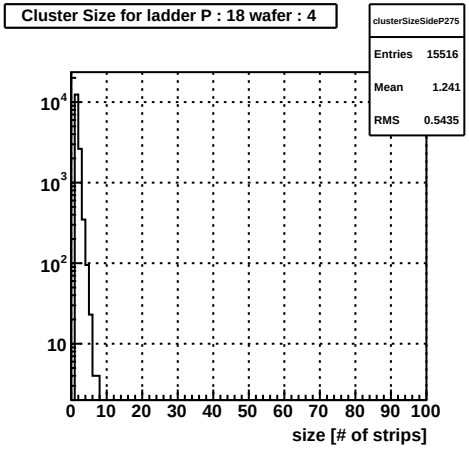

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

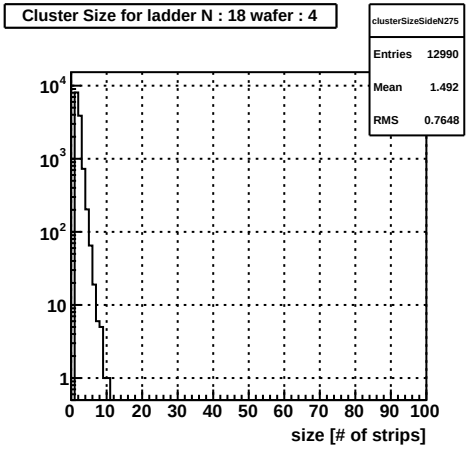

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 14518
Mean 1.529
RMS 0.8442
size [# of strips]

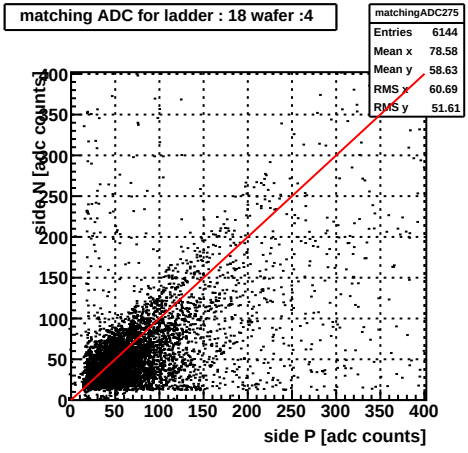

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

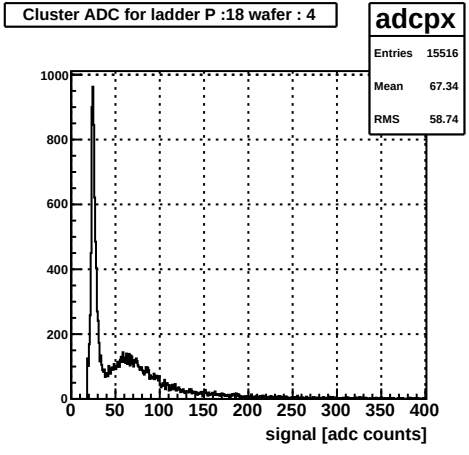

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

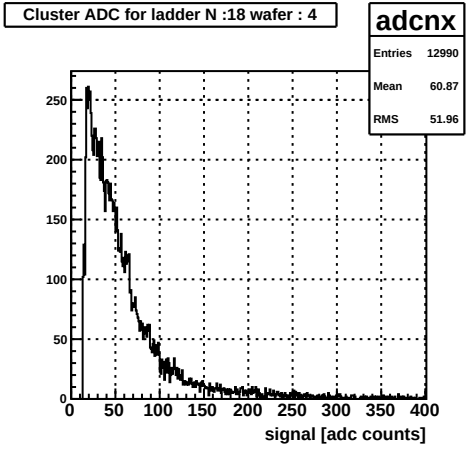

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 14518
Mean 68.52
RMS 58.53
signal [adc counts]

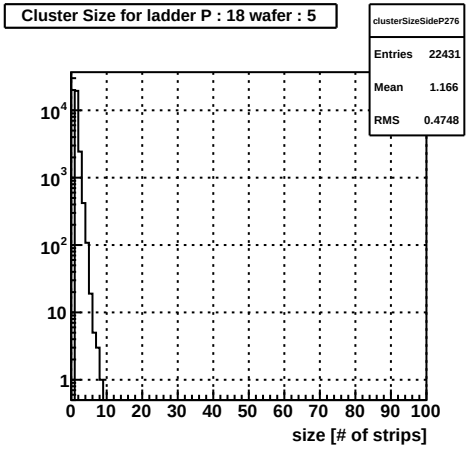

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 15516
Mean 1.241
RMS 0.5435
size [# of strips]

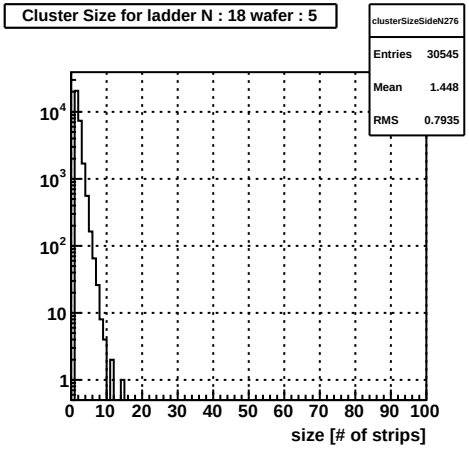

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 12990
Mean 1.492
RMS 0.7648
size [# of strips]

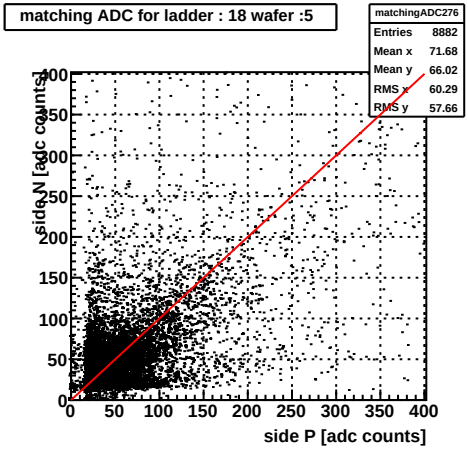

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 6144
Mean x 78.58
Mean y 58.63
RMS x 60.69
RMS y 51.61
side N [adc counts]
side P [adc counts]

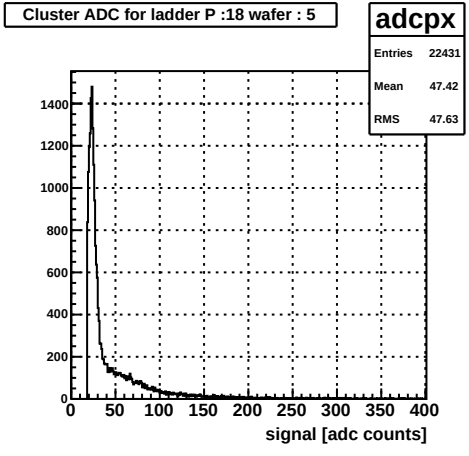

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 15516
Mean 67.34
RMS 58.74
signal [adc counts]

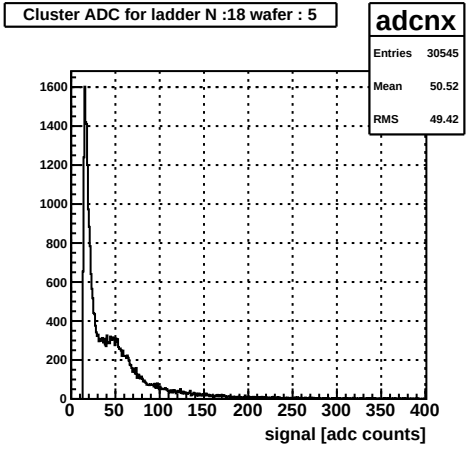

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 12990
Mean 60.87
RMS 51.96
signal [adc counts]

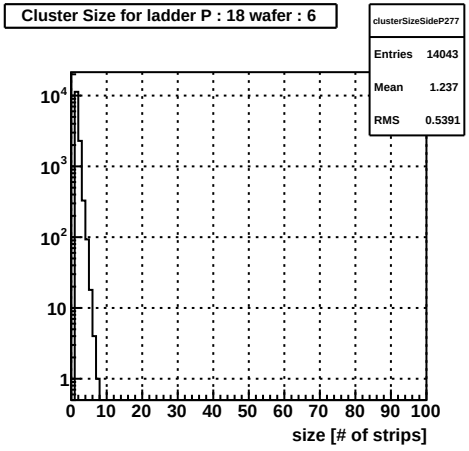

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 22431
Mean 1.166
RMS 0.4748
size [# of strips]

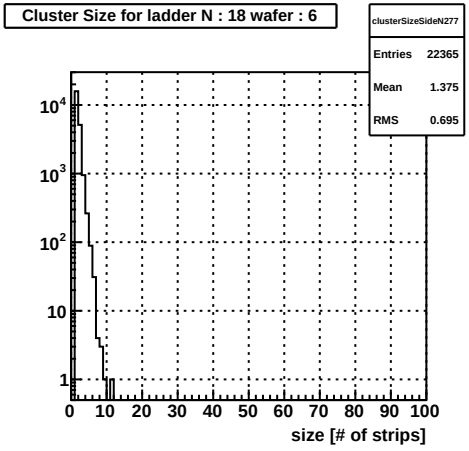

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 30545
Mean 1.448
RMS 0.7935
size [# of strips]

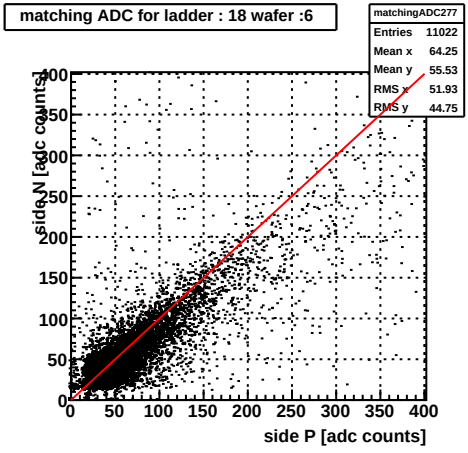

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 8882
Mean x 71.68
Mean y 66.02
RMS x 60.29
RMS y 57.66
side N [adc counts]
side P [adc counts]

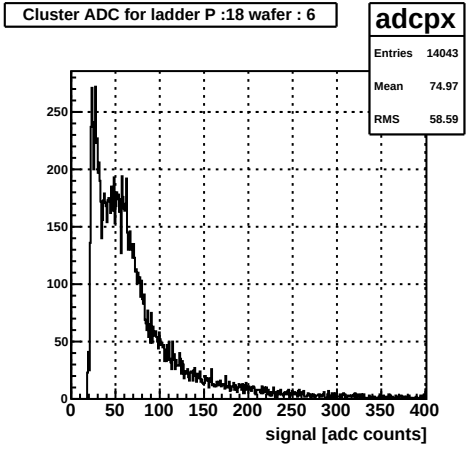

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 22431
Mean 47.42
RMS 47.63
signal [adc counts]

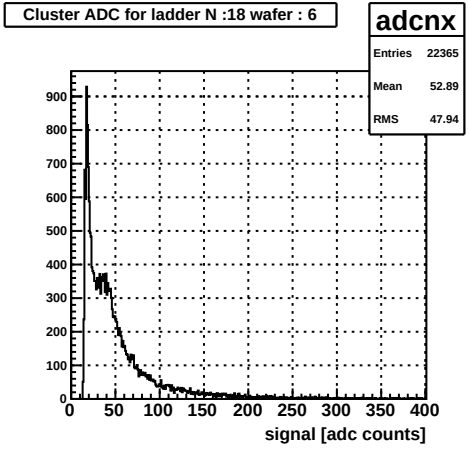

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 30545
Mean 50.52
RMS 49.42
signal [adc counts]

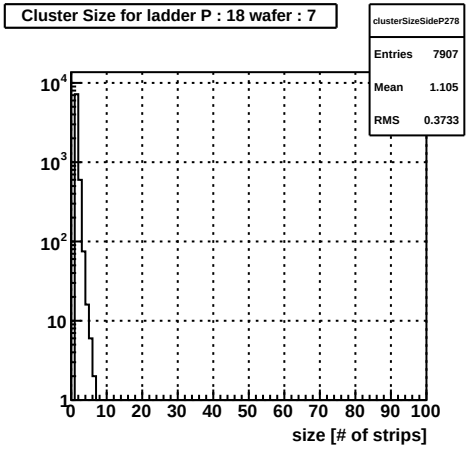

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 14043
Mean 1.237
RMS 0.5391
size [# of strips]

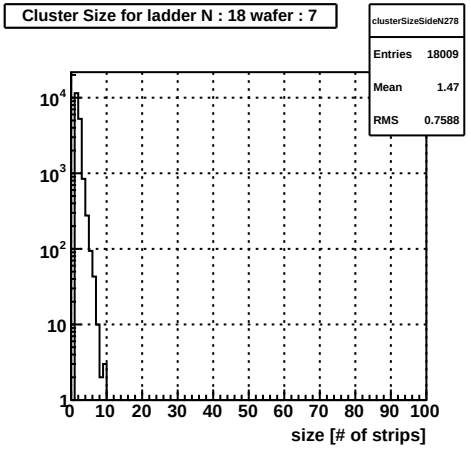

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 22365
Mean 1.375
RMS 0.695
size [# of strips]

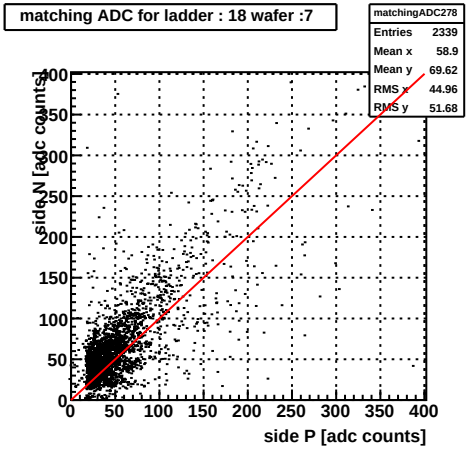

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 11022
Mean x 64.25
Mean y 55.53
RMS x 51.93
RMS y 44.75
side N [adc counts]
side P [adc counts]

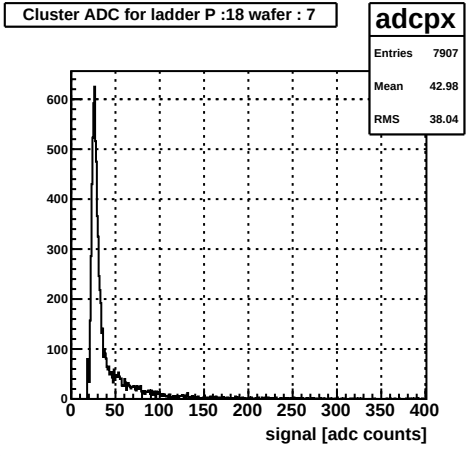

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 14043
Mean 74.97
RMS 58.59
signal [adc counts]

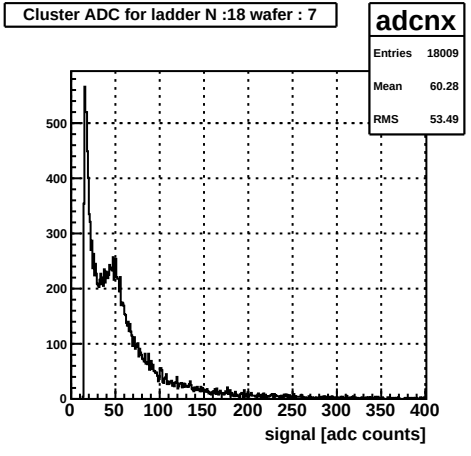

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 22365
Mean 52.89
RMS 47.94
signal [adc counts]

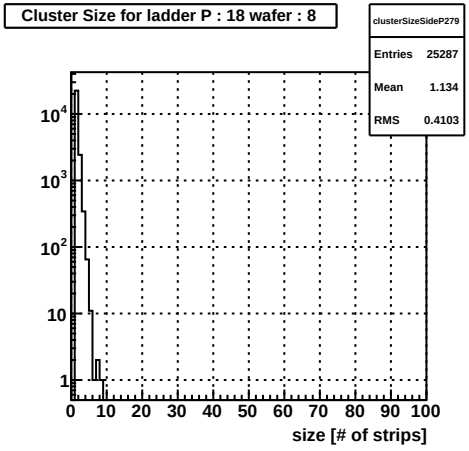

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7907
Mean 1.105
RMS 0.3733
size [# of strips]

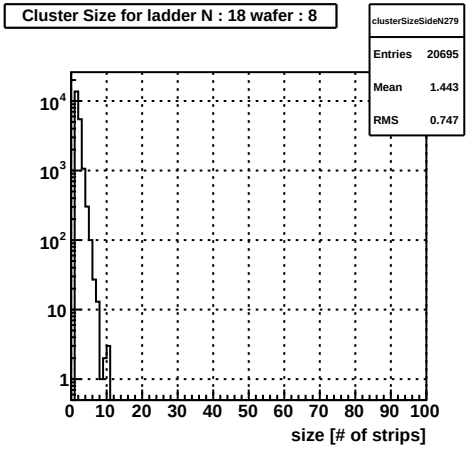

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 18009
Mean 1.47
RMS 0.7588
size [# of strips]

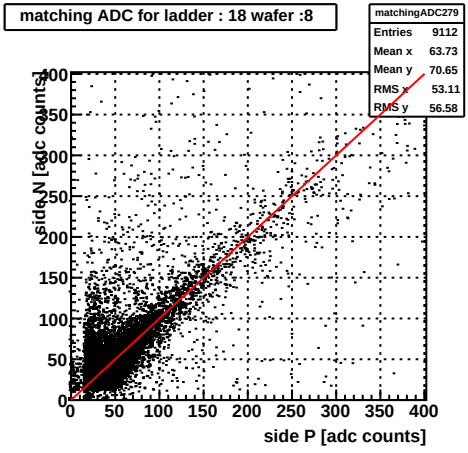

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2339
Mean x 58.9
Mean y 69.62
RMS x 44.96
RMS y 51.68
side N [adc counts]
side P [adc counts]

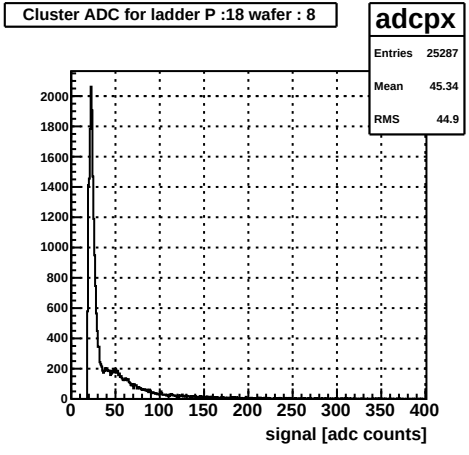

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7907
Mean 42.98
RMS 38.04
signal [adc counts]

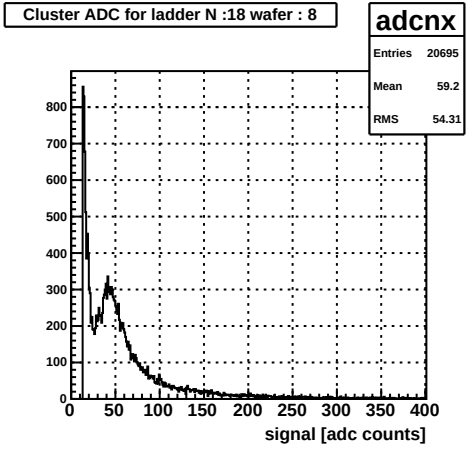

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 18009
Mean 60.28
RMS 53.49
signal [adc counts]

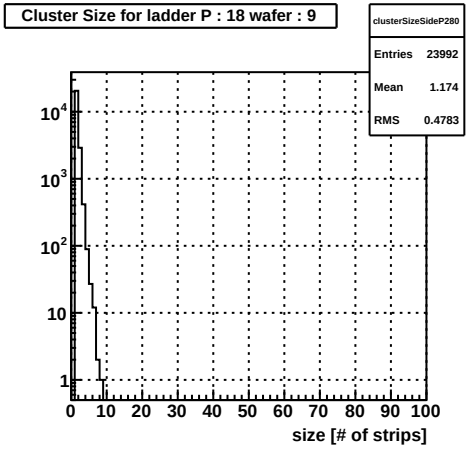

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 25287
Mean 1.134
RMS 0.4103
size [# of strips]

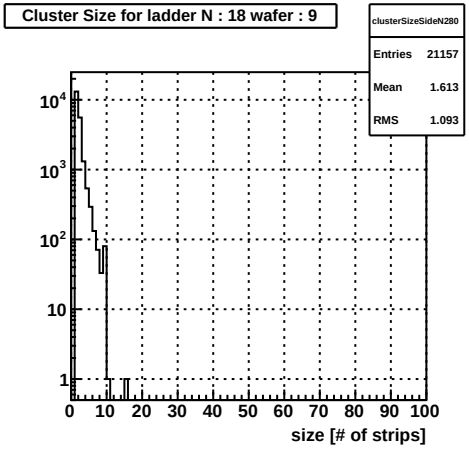

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 20695
Mean 1.443
RMS 0.747
size [# of strips]

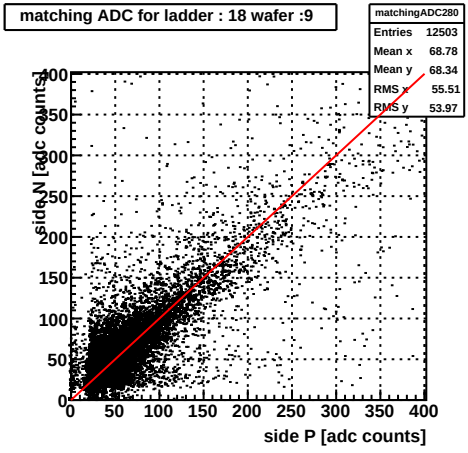

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 9112
Mean x 63.73
Mean y 70.65
RMS x 53.11
RMS y 56.58
side N [adc counts]
side P [adc counts]

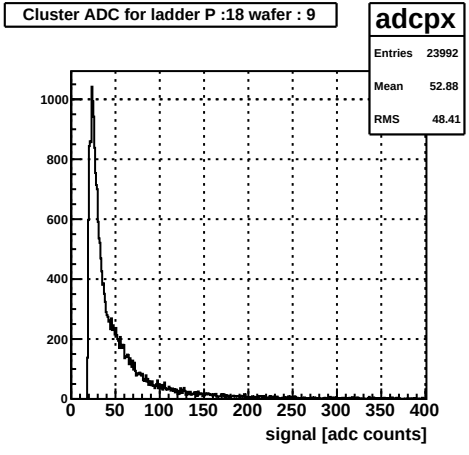

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 25287
Mean 45.34
RMS 44.9
signal [adc counts]

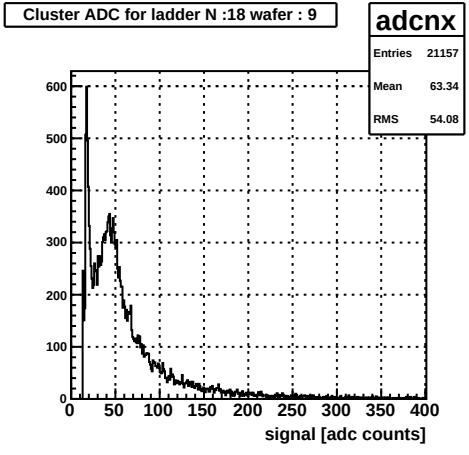

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 20695
Mean 59.2
RMS 54.31
signal [adc counts]

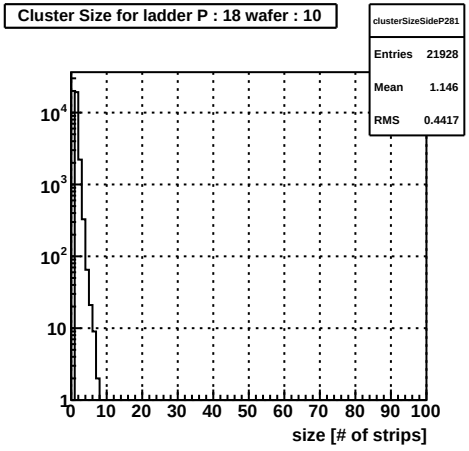

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 23992
Mean 1.174
RMS 0.4783
size [# of strips]

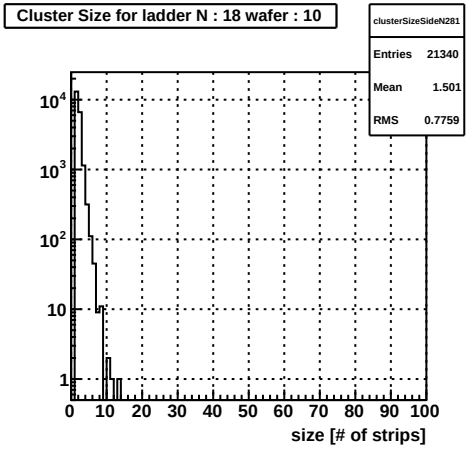

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 21157
Mean 1.613
RMS 1.093
size [# of strips]

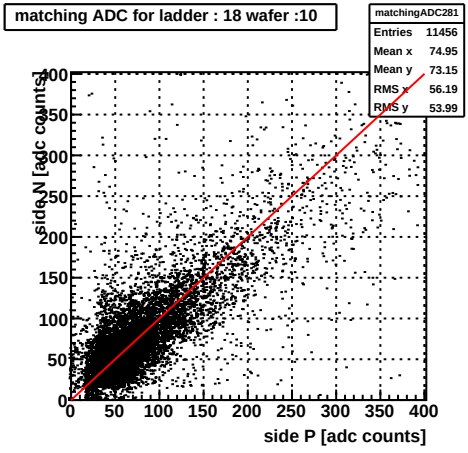

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 12503
Mean x 68.78
Mean y 68.34
RMS x 55.51
RMS y 53.97
side N [adc counts]
side P [adc counts]

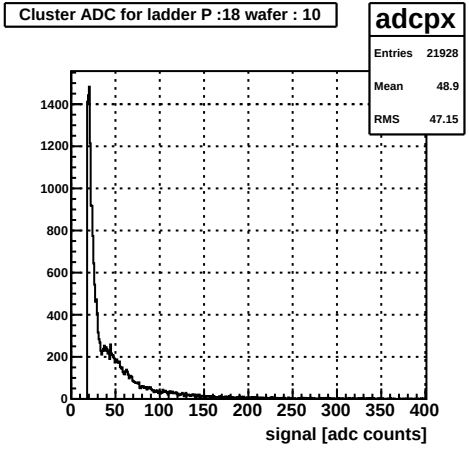

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 23992
Mean 52.88
RMS 48.41
signal [adc counts]

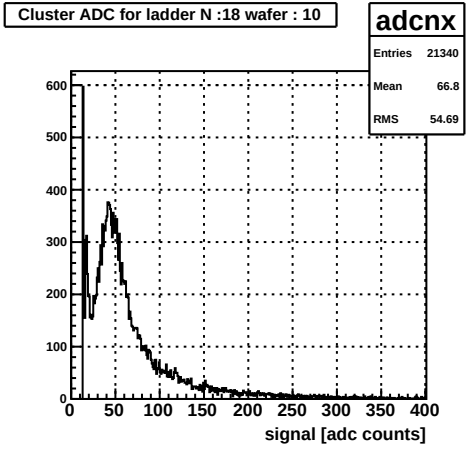

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 21157
Mean 63.34
RMS 54.08
signal [adc counts]

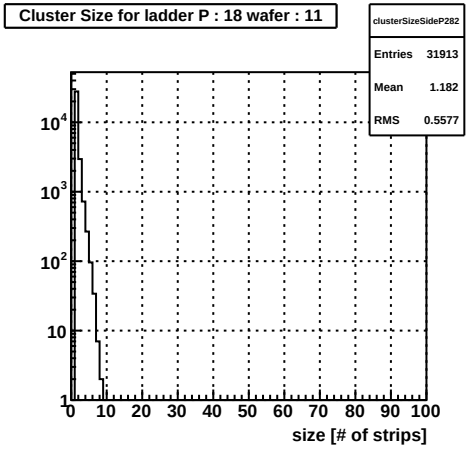

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 21928
Mean 1.146
RMS 0.4417
size [# of strips]

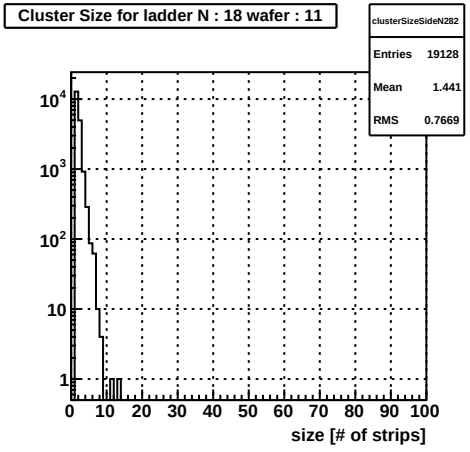

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 21340
Mean 1.501
RMS 0.7759
size [# of strips]

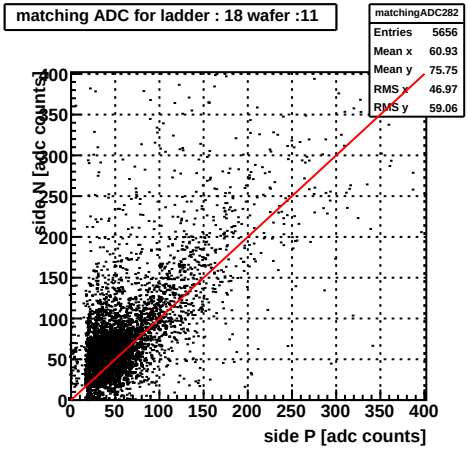

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 11456
Mean x 74.95
Mean y 73.15
RMS x 56.19
RMS y 53.99
side N [adc counts]
side P [adc counts]

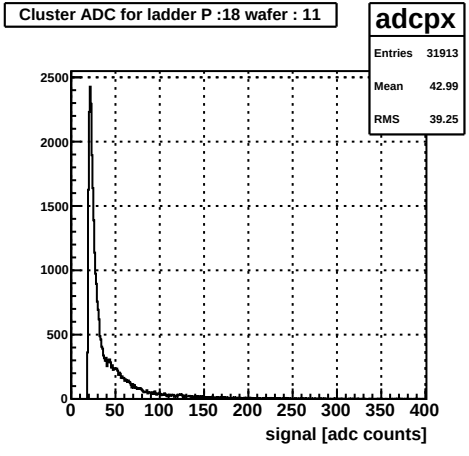

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 21928
Mean 48.9
RMS 47.15
signal [adc counts]

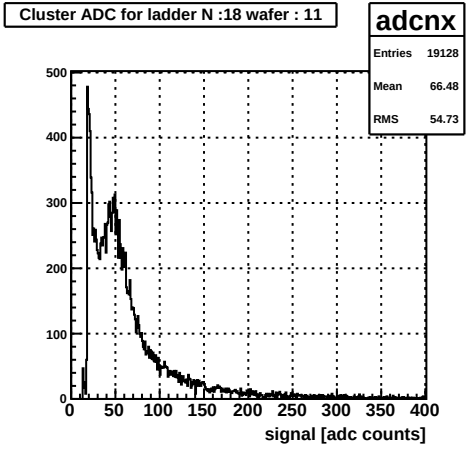

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 21340
Mean 66.8
RMS 54.69
signal [adc counts]

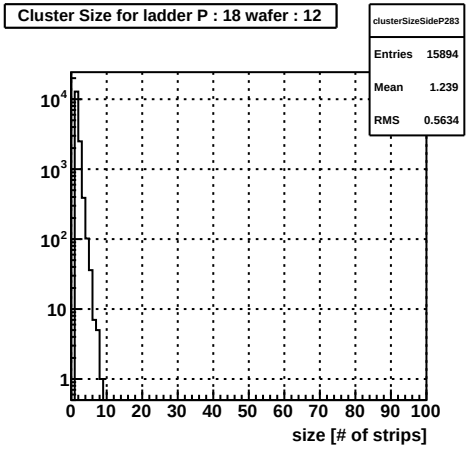

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 31913
Mean 1.182
RMS 0.5577
size [# of strips]

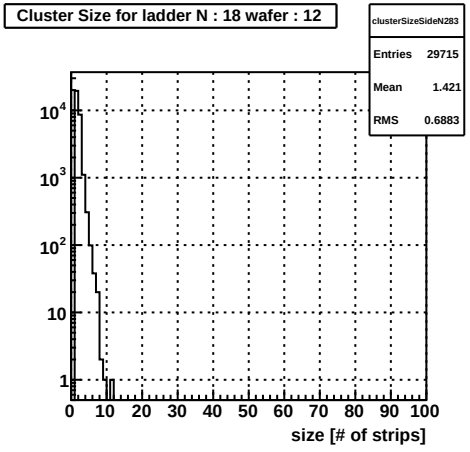

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 19128
Mean 1.441
RMS 0.7669
size [# of strips]

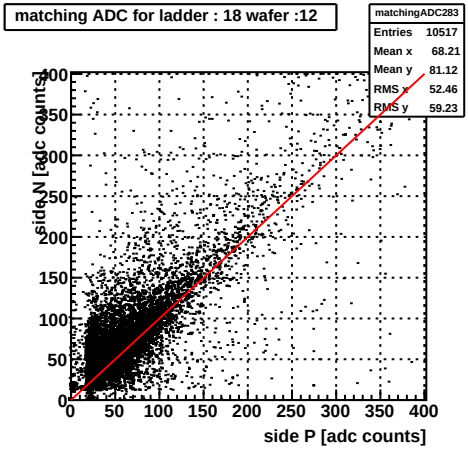

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5656
Mean x 60.93
Mean y 75.75
RMS x 46.97
RMS y 59.06
side N [adc counts]
side P [adc counts]

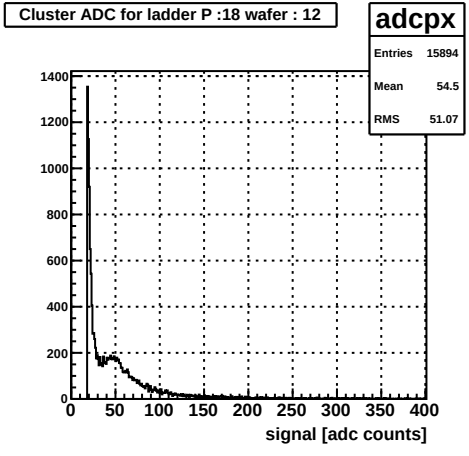

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 31913
Mean 42.99
RMS 39.25
signal [adc counts]

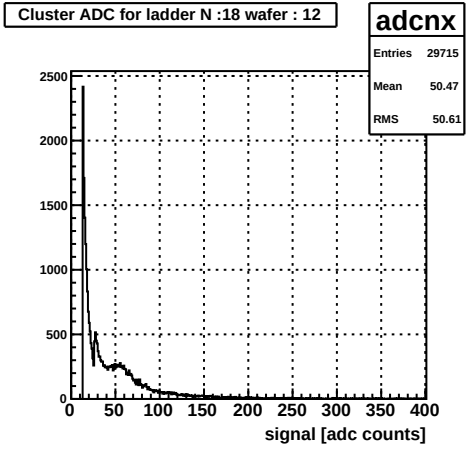

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 19128
Mean 66.48
RMS 54.73
signal [adc counts]

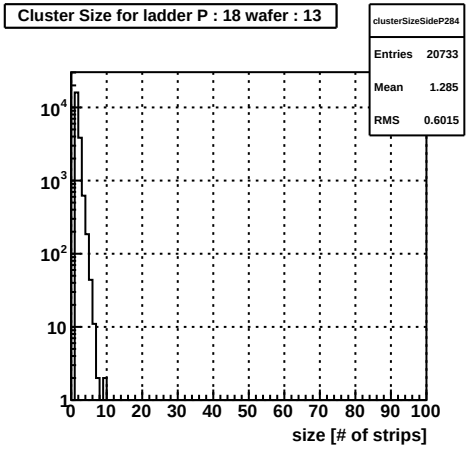

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 15894
Mean 1.239
RMS 0.5634
size [# of strips]

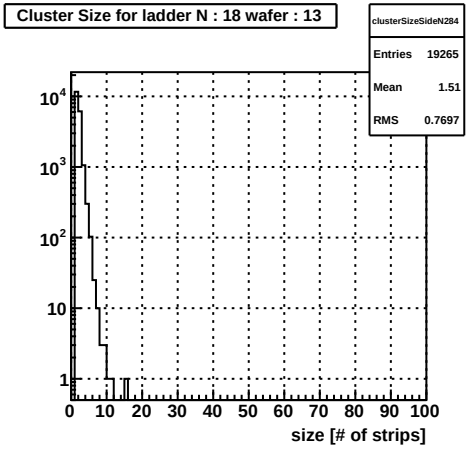

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 29715
Mean 1.421
RMS 0.6883
size [# of strips]

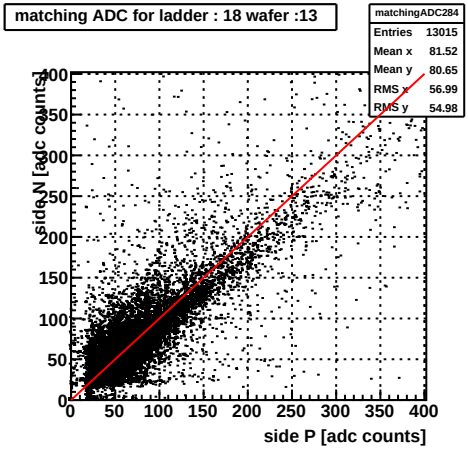

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 10517
Mean x 68.21
Mean y 81.12
RMS x 52.46
RMS y 59.23
side N [adc counts]
side P [adc counts]

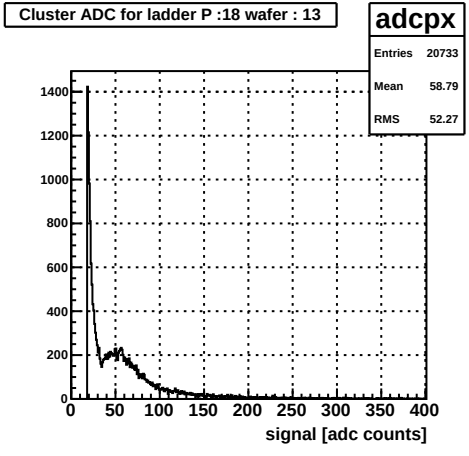

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 15894
Mean 54.5
RMS 51.07
signal [adc counts]

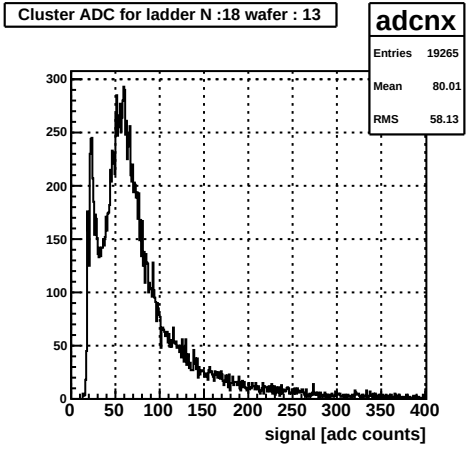

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 29715
Mean 50.47
RMS 50.61
signal [adc counts]

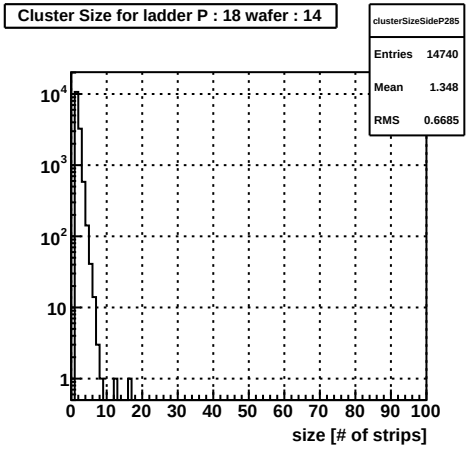

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 20733
Mean 1.285
RMS 0.6015
size [# of strips]

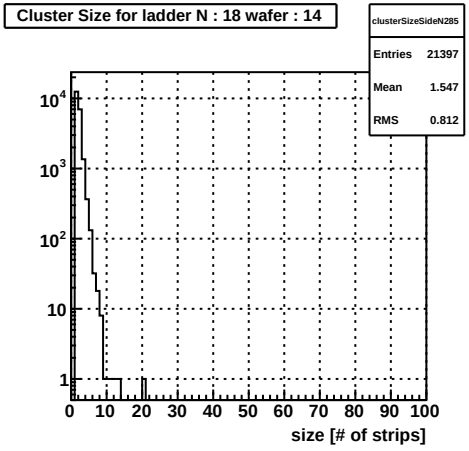

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 19265
Mean 1.51
RMS 0.7697
size [# of strips]

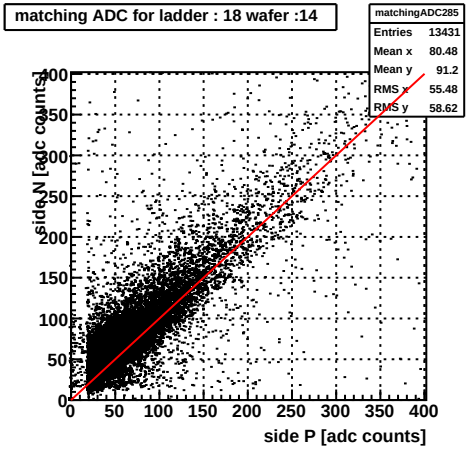

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 13015
Mean x 81.52
Mean y 80.65
RMS x 56.99
RMS y 54.98
side N [adc counts]
side P [adc counts]

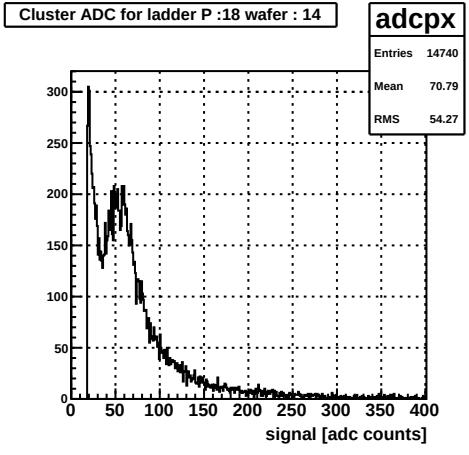

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 20733
Mean 58.79
RMS 52.27
signal [adc counts]

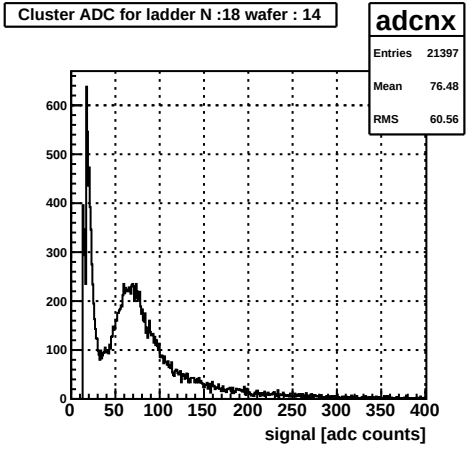

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 19265
Mean 80.01
RMS 58.13
signal [adc counts]

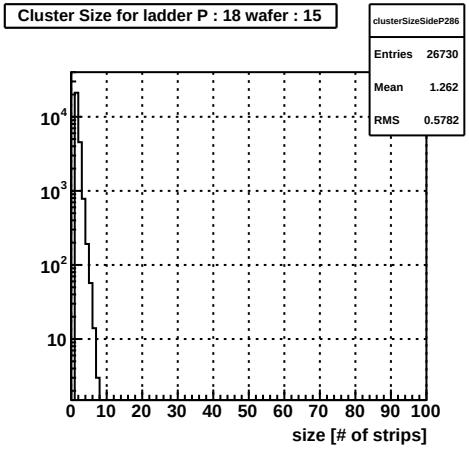

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 14740
Mean 1.348
RMS 0.6685
size [# of strips]

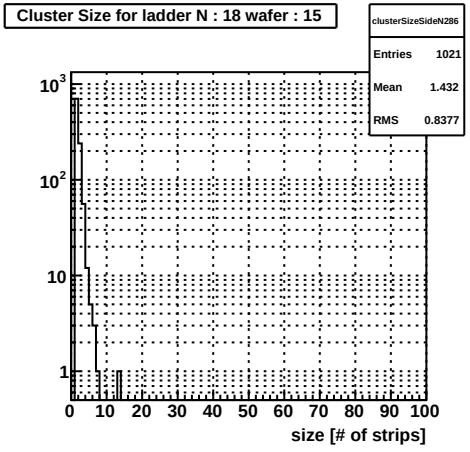

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 21397
Mean 1.547
RMS 0.812
size [# of strips]

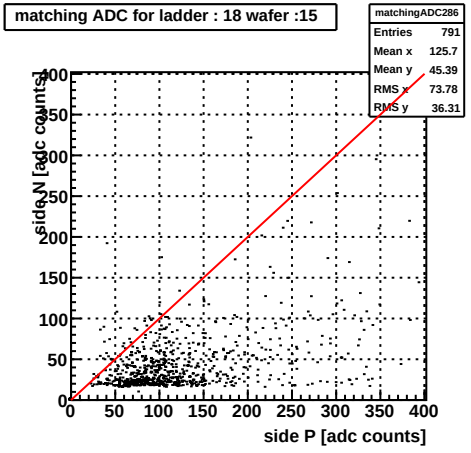

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 13431
Mean x 80.48
Mean y 91.2
RMS x 55.48
RMS y 58.62
side N [adc counts]
side P [adc counts]

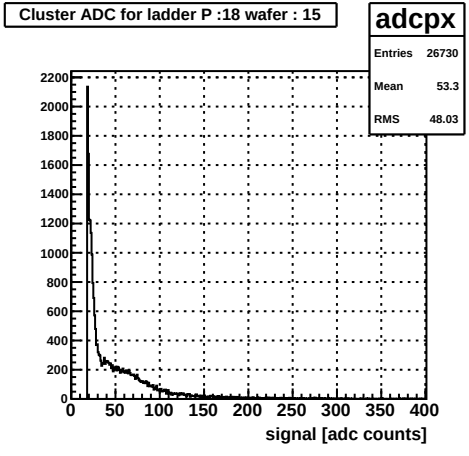

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 14740
Mean 70.79
RMS 54.27
signal [adc counts]

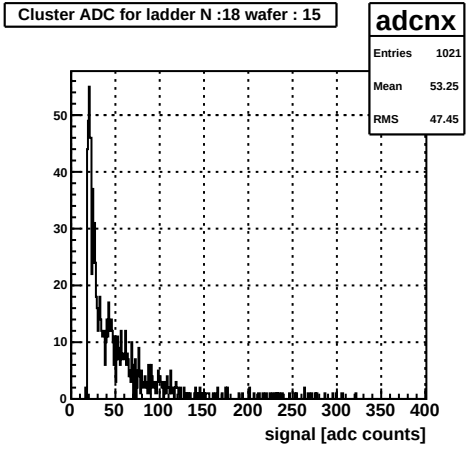

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 21397
Mean 76.48
RMS 60.56
signal [adc counts]

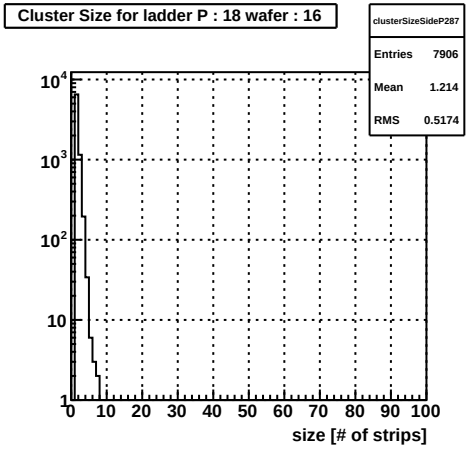

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 26730
Mean 1.262
RMS 0.5782
size [# of strips]

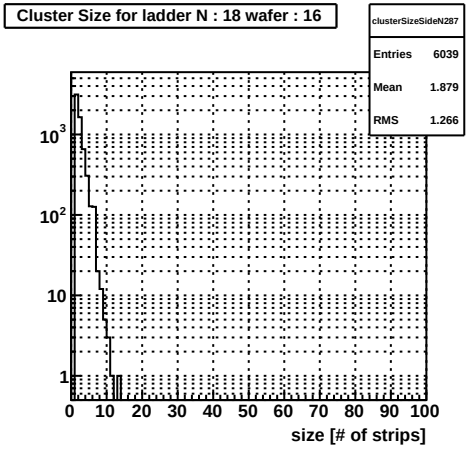

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 1021
Mean 1.432
RMS 0.8377
size [# of strips]

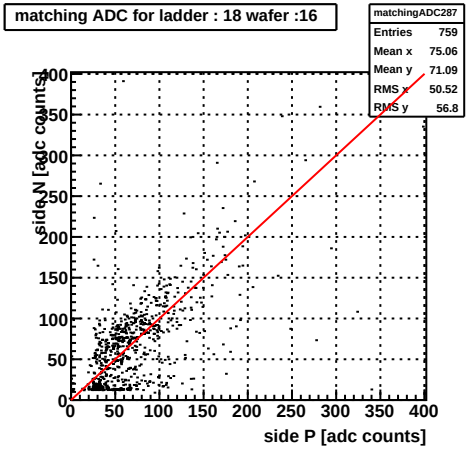

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 791
Mean x 125.7
Mean y 45.39
RMS x 73.78
RMS y 36.31
side N [adc counts]
side P [adc counts]

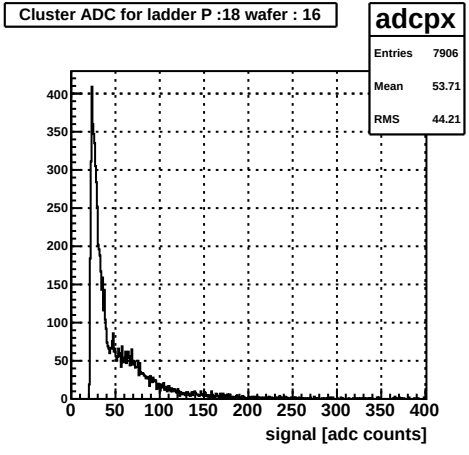

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 26730
Mean 53.3
RMS 48.03
signal [adc counts]

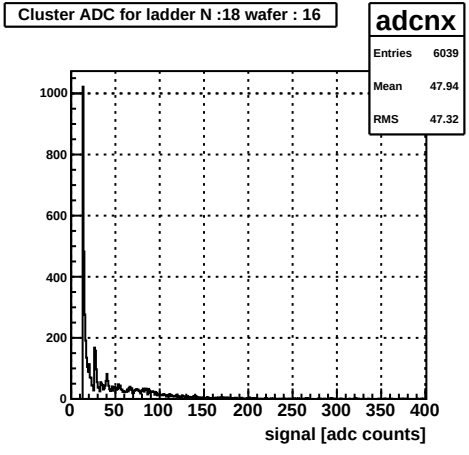

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 1021
Mean 53.25
RMS 47.45
signal [adc counts]

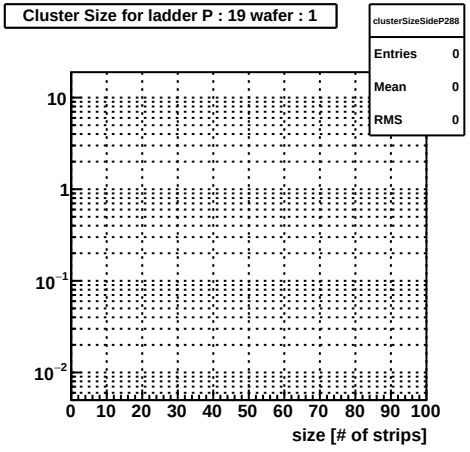

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 7906
Mean 1.214
RMS 0.5174
size [# of strips]

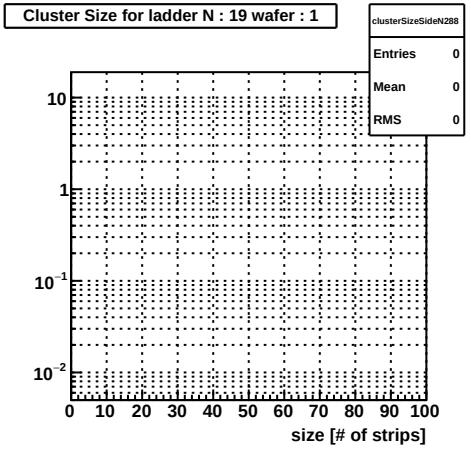

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 6039
Mean 1.879
RMS 1.266
size [# of strips]

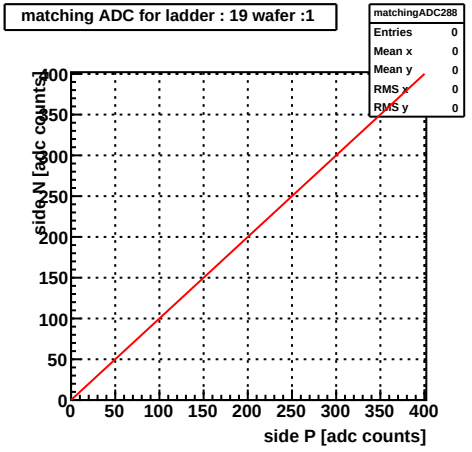

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 759
Mean x 75.06
Mean y 71.09
RMS x 50.52
RMS y 56.8
side N [adc counts]
side P [adc counts]

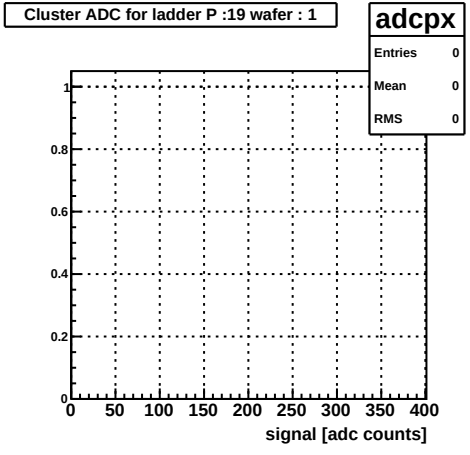

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 7906
Mean 53.71
RMS 44.21
signal [adc counts]

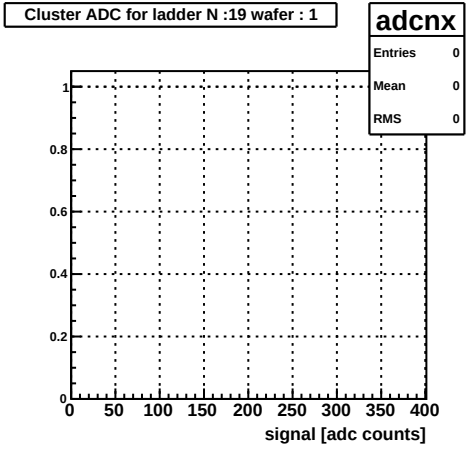

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 6039
Mean 47.94
RMS 47.32
signal [adc counts]

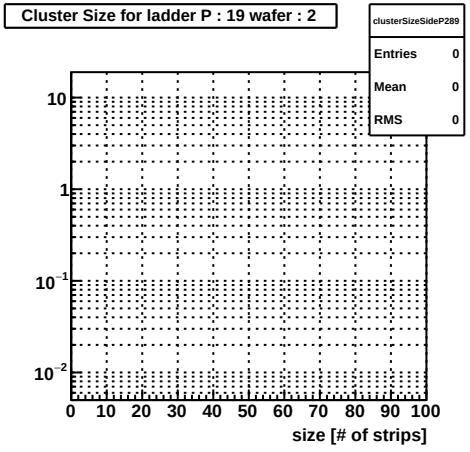

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

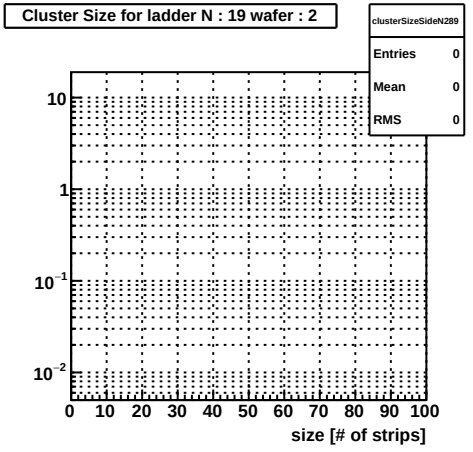

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

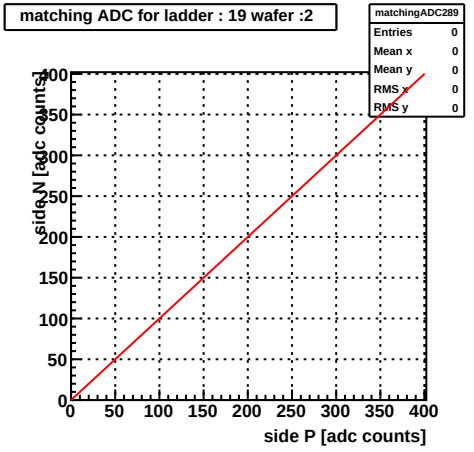

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

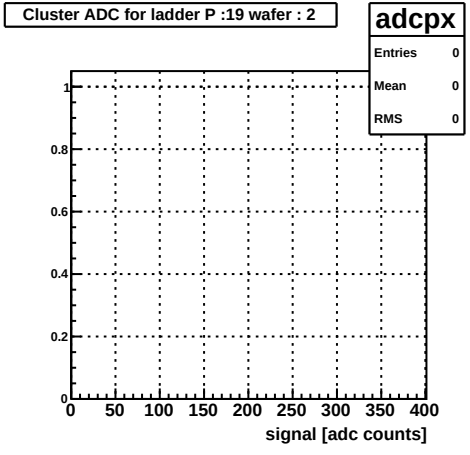

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

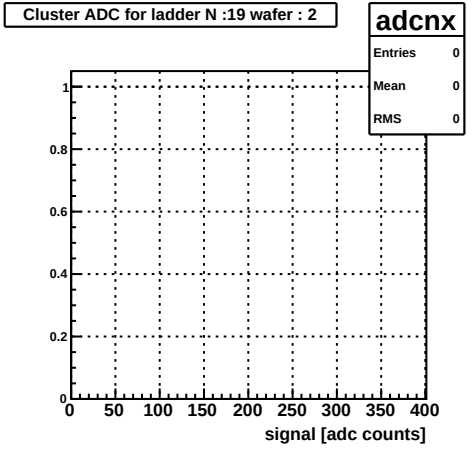

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

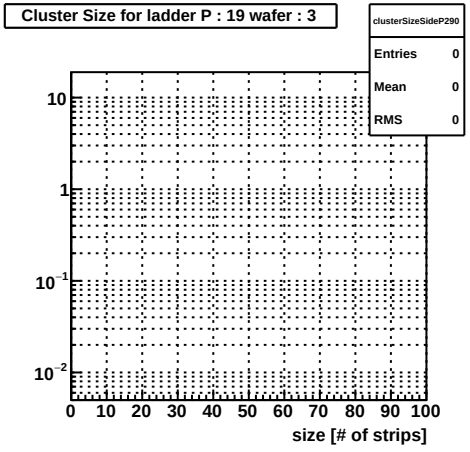

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

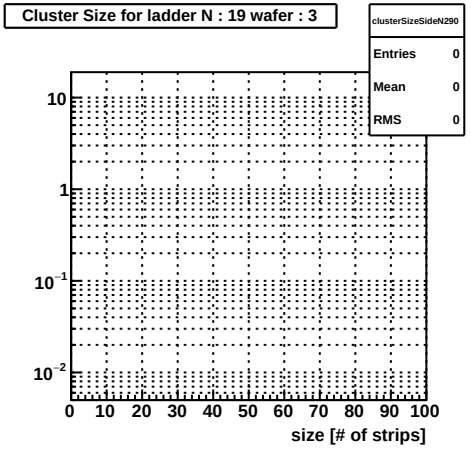

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

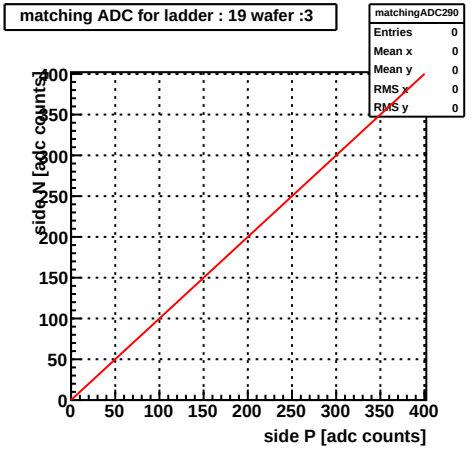

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

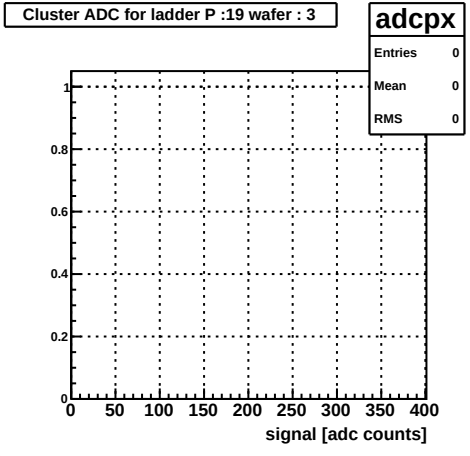

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

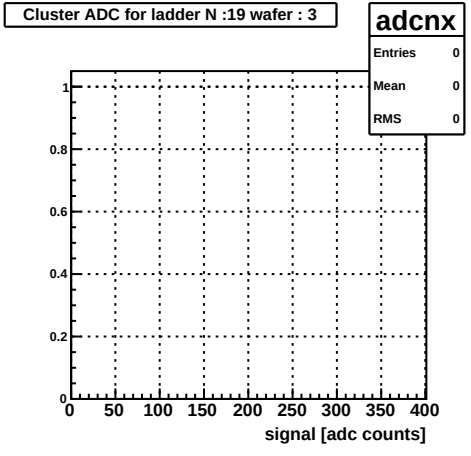

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

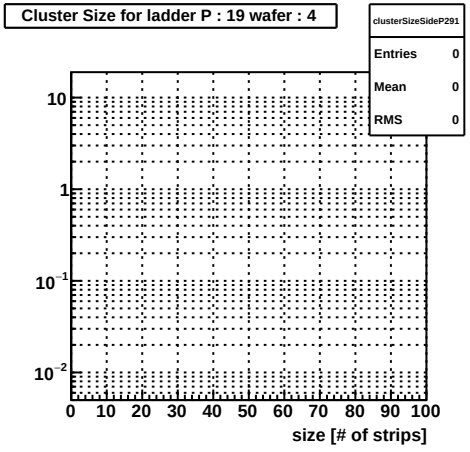

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

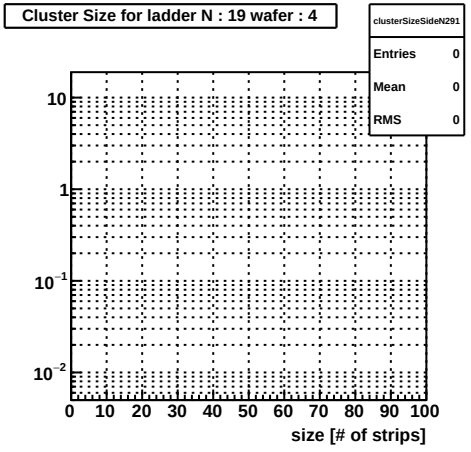

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

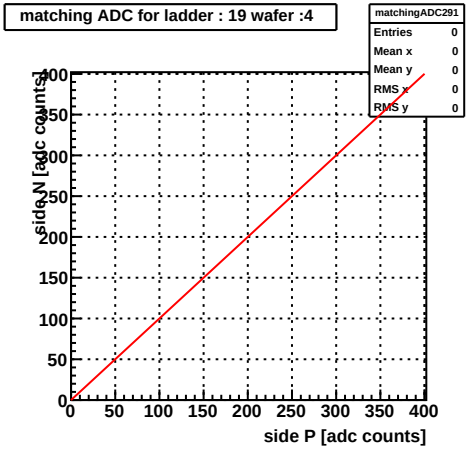

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

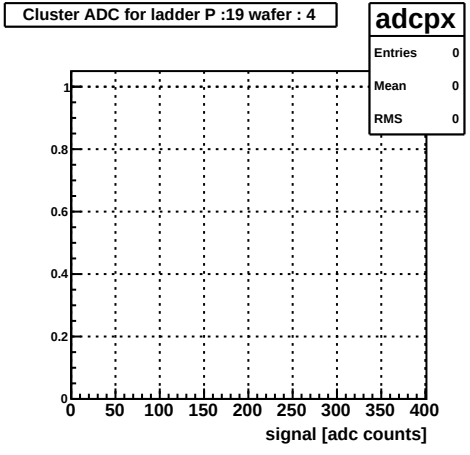

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

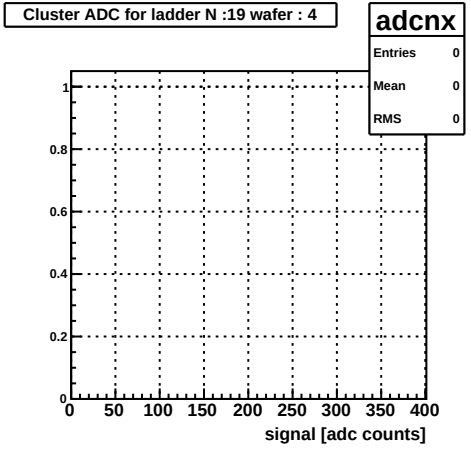

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

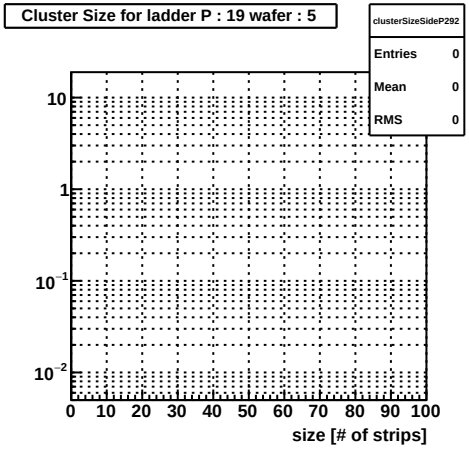

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

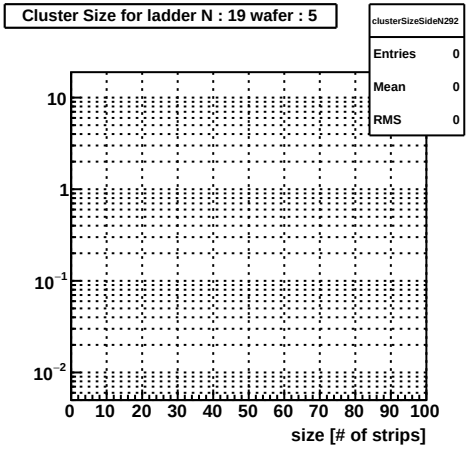

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

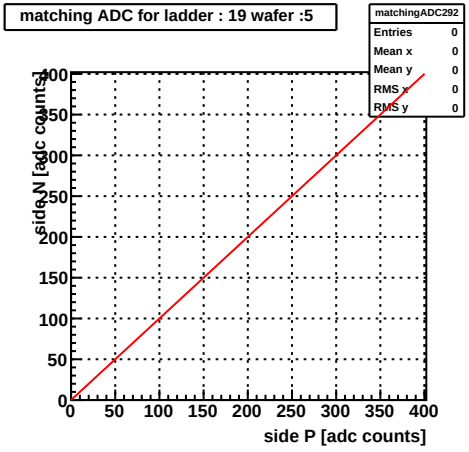

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

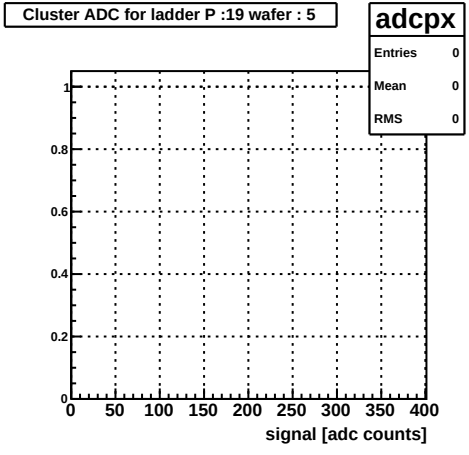

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

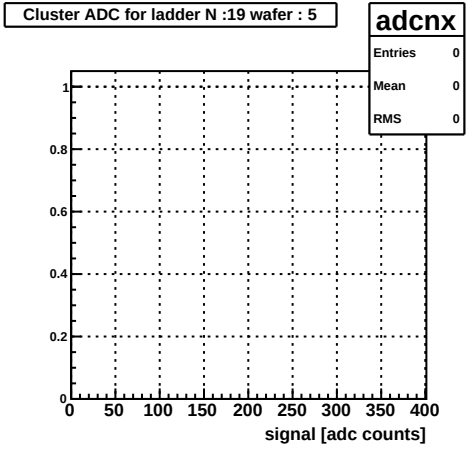

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

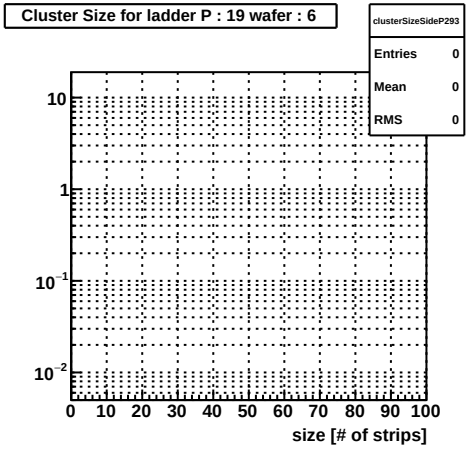

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

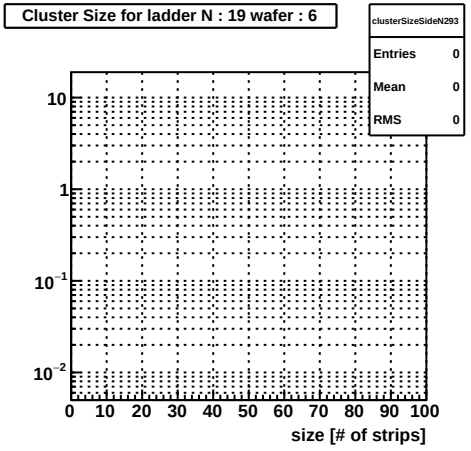

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

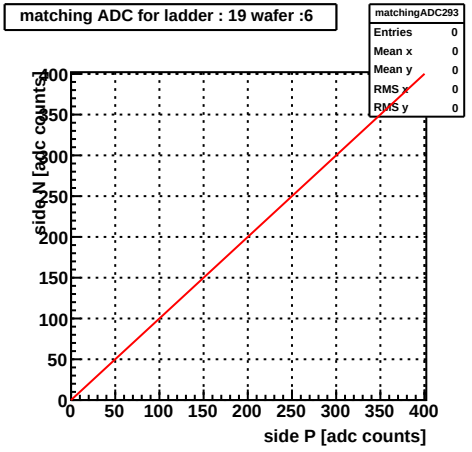

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

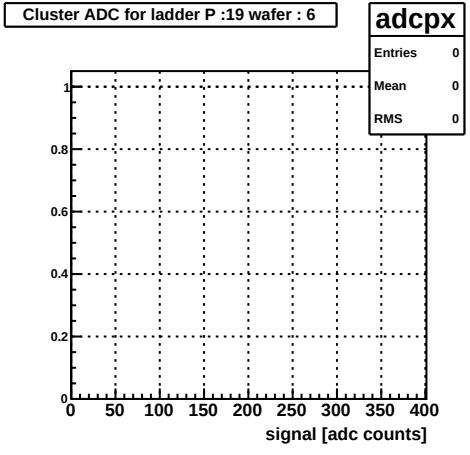

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

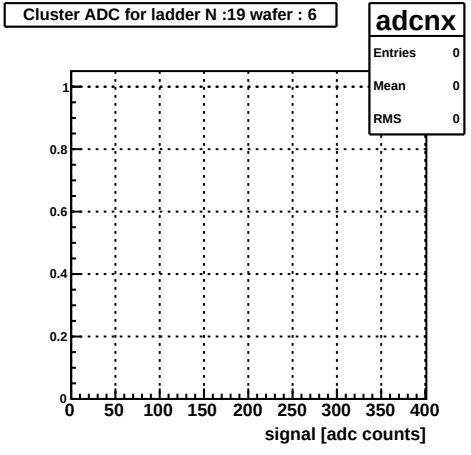

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

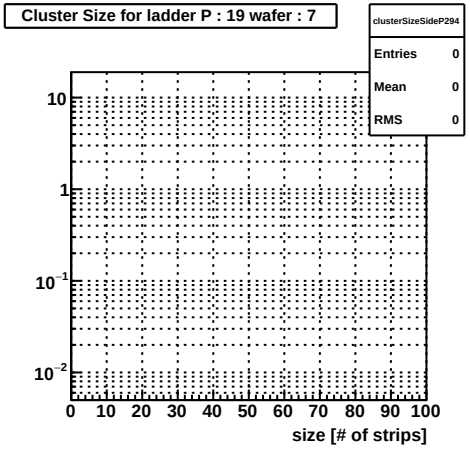

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

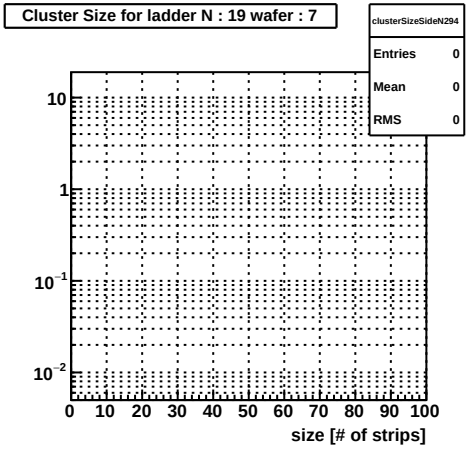

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

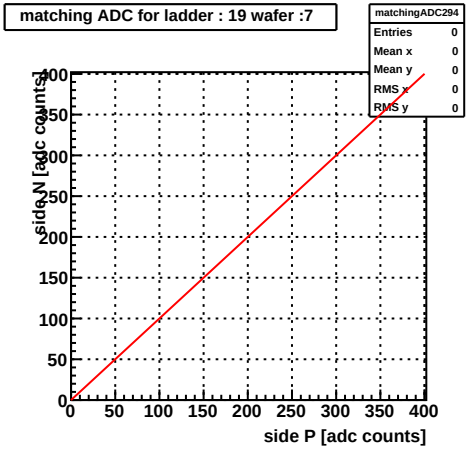

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

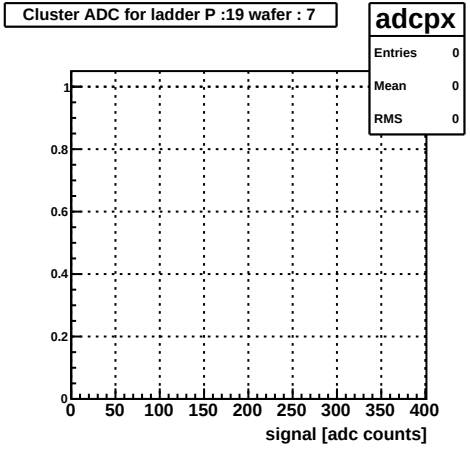

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

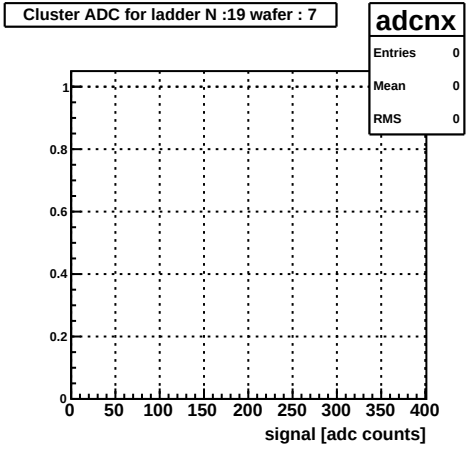

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

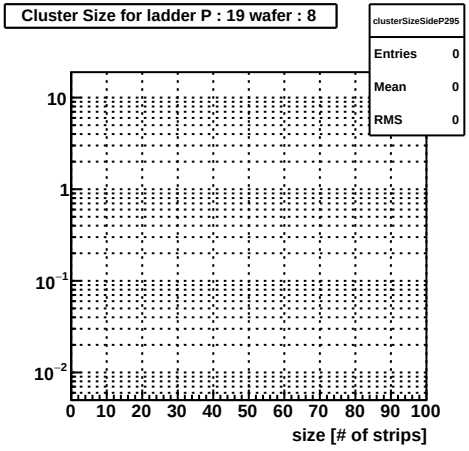

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

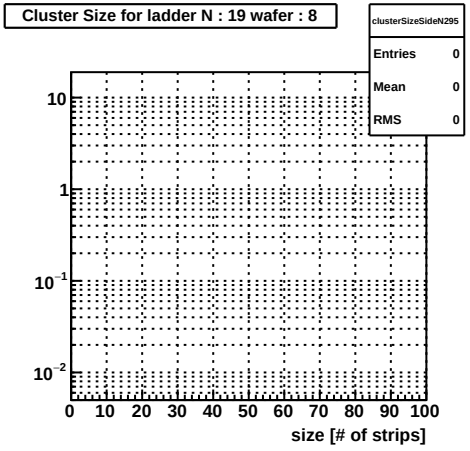

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

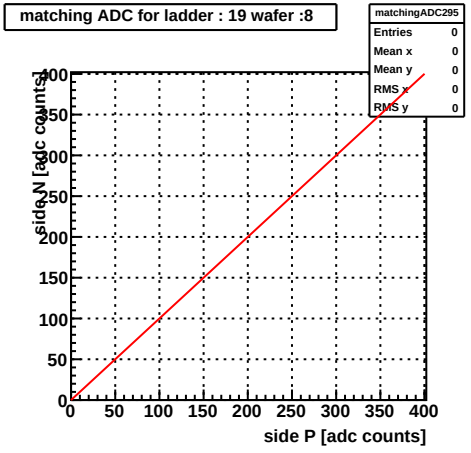

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

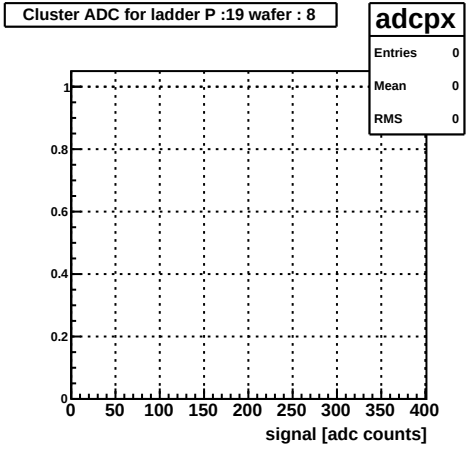

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

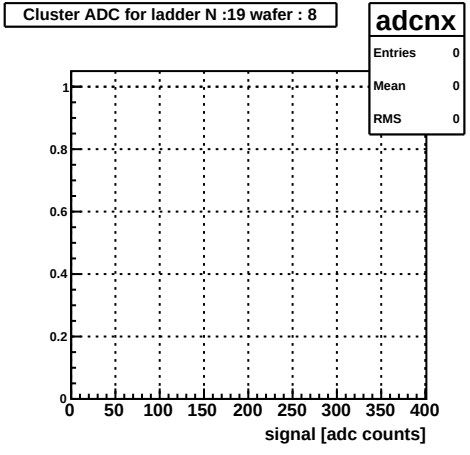

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

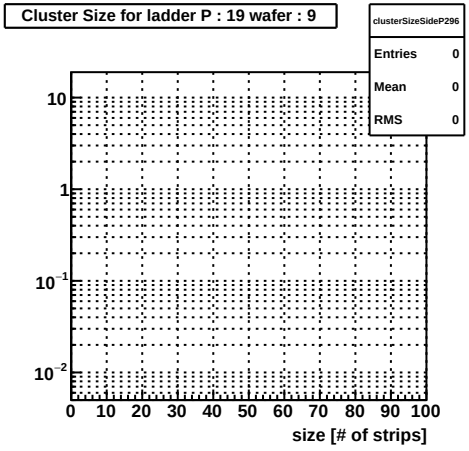

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

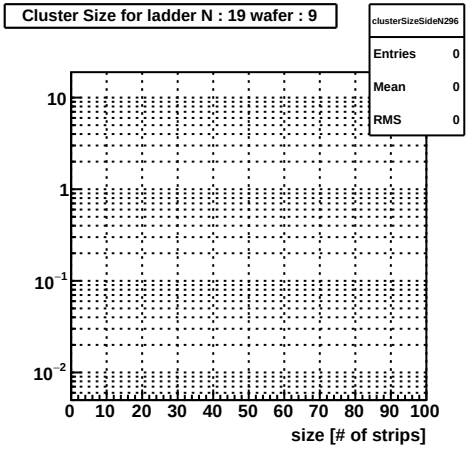

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

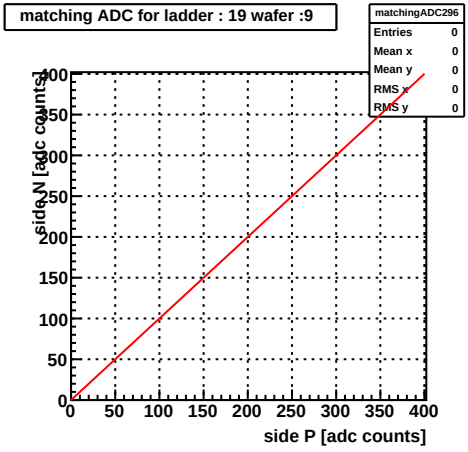

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

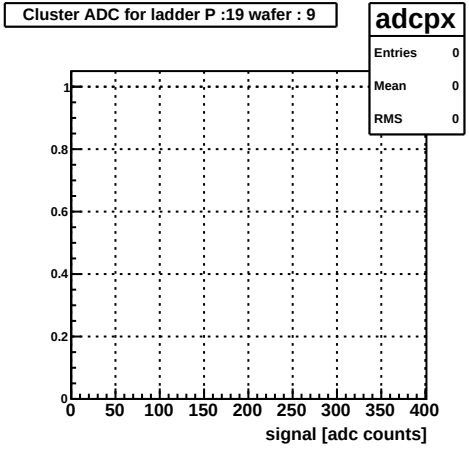

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

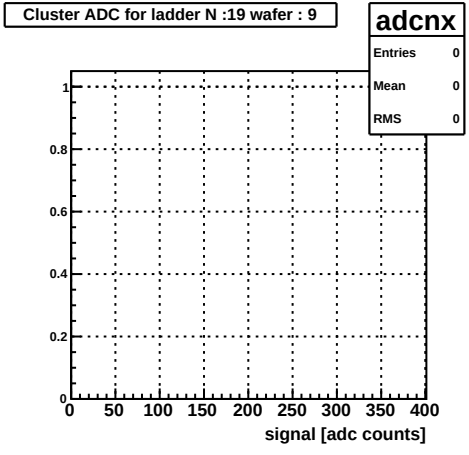

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

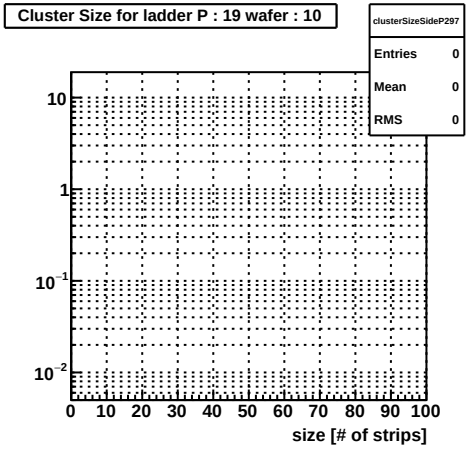

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

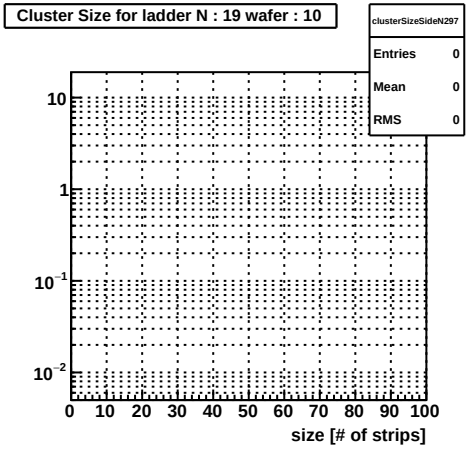

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

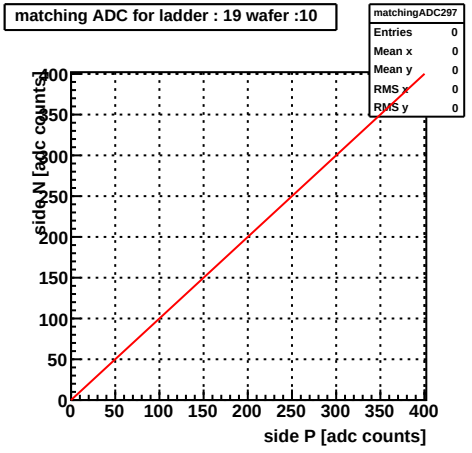

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

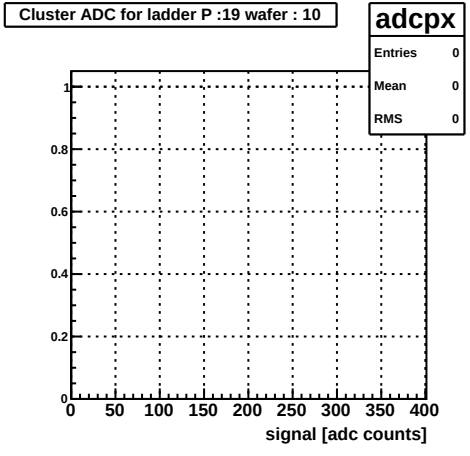

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

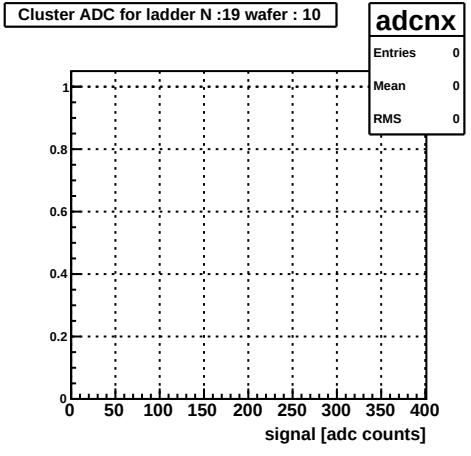

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

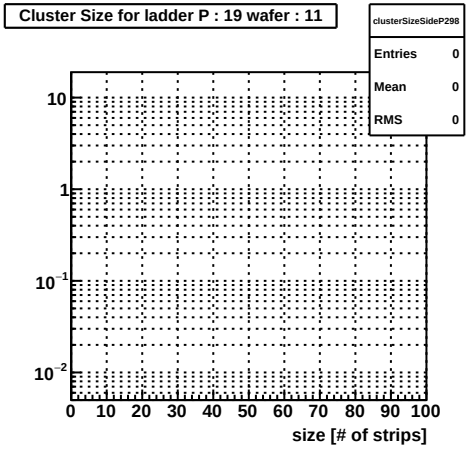

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

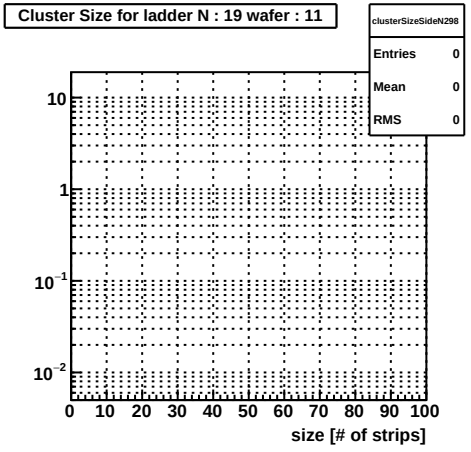

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

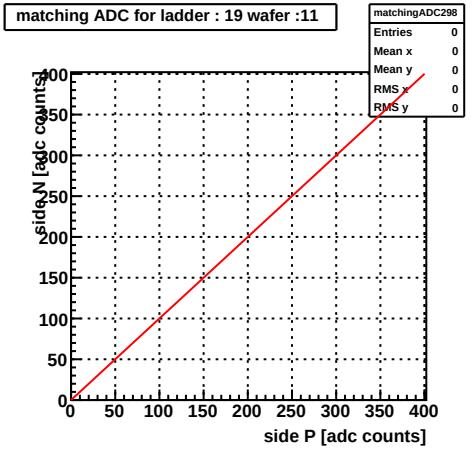

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

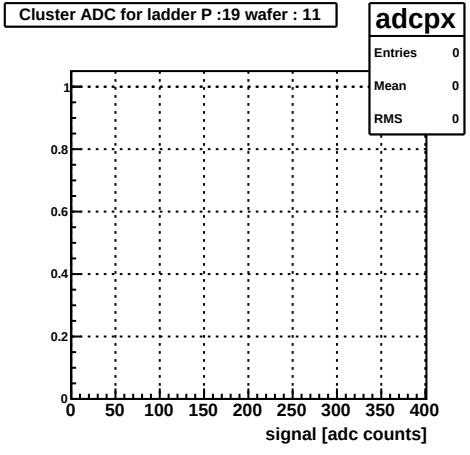

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

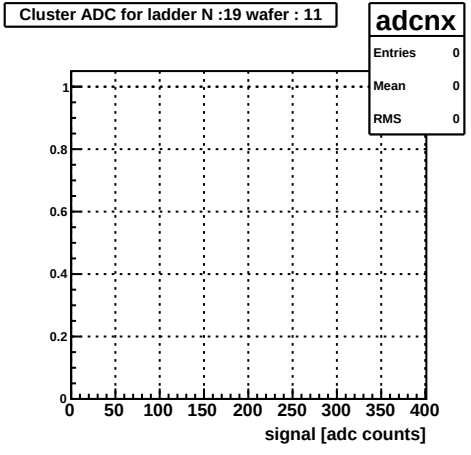

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

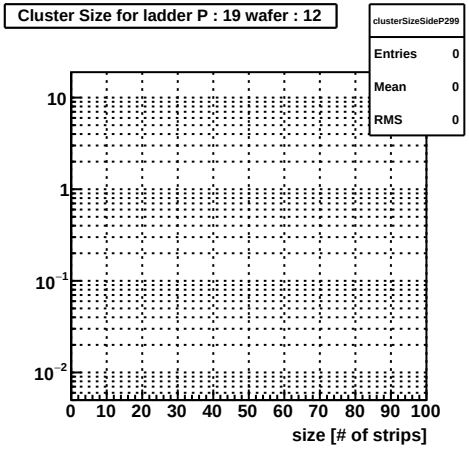

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

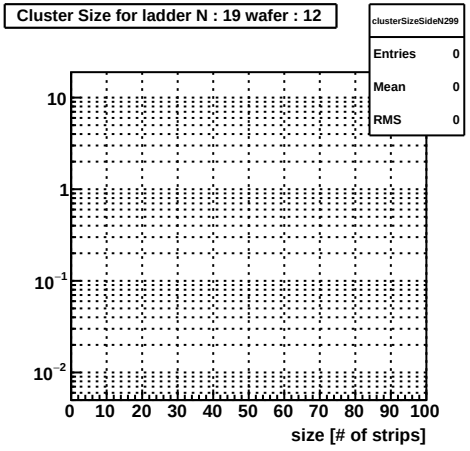

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

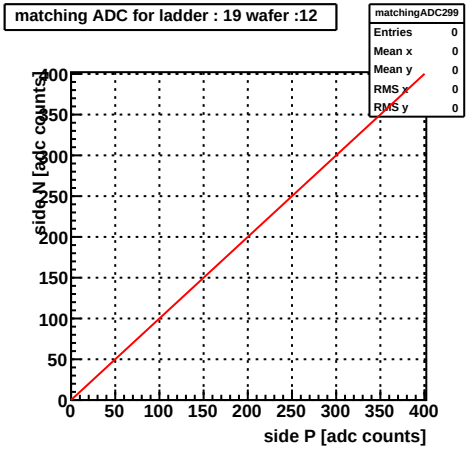

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

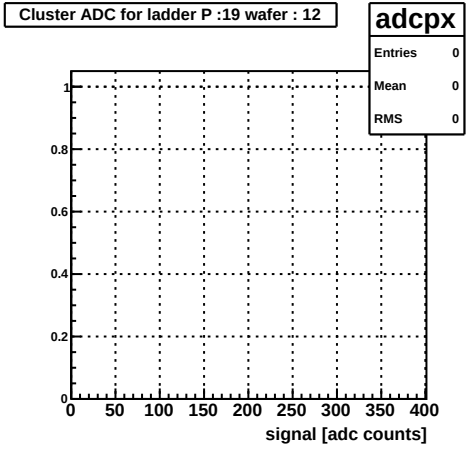

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

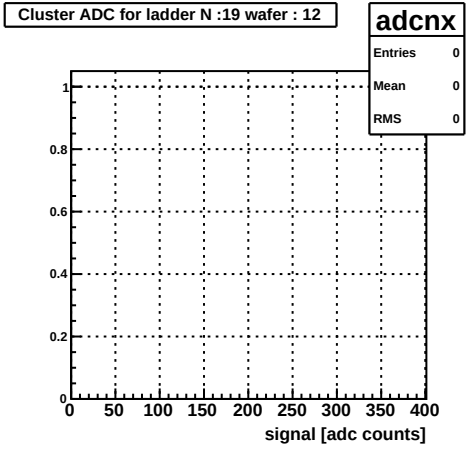

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

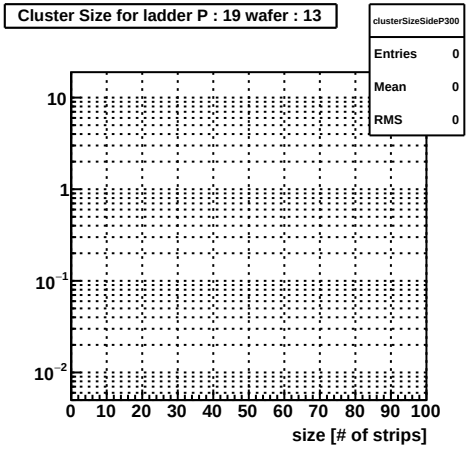

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

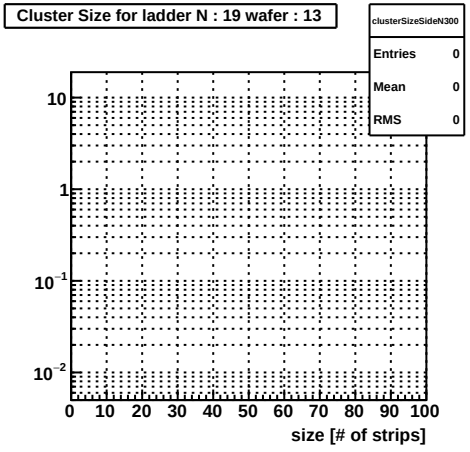

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

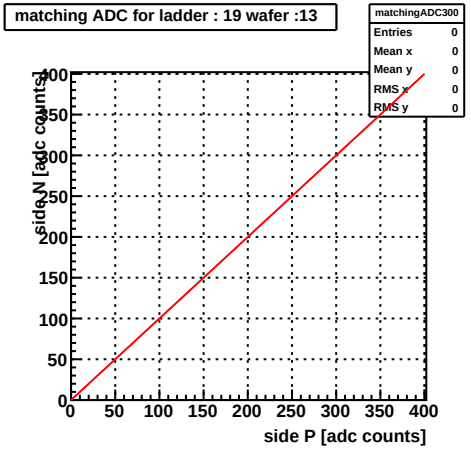

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

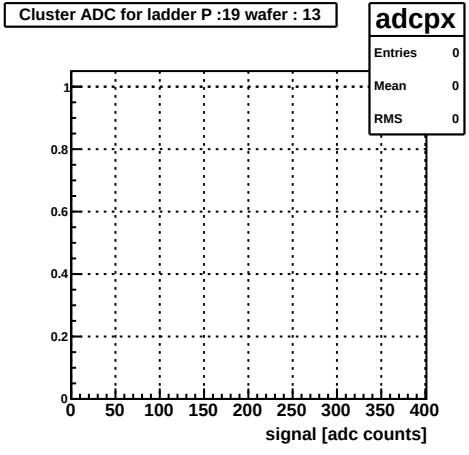

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

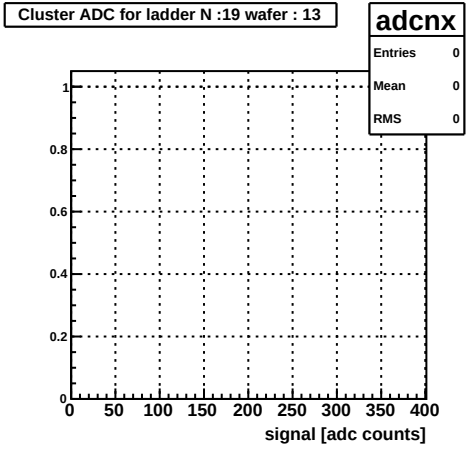

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

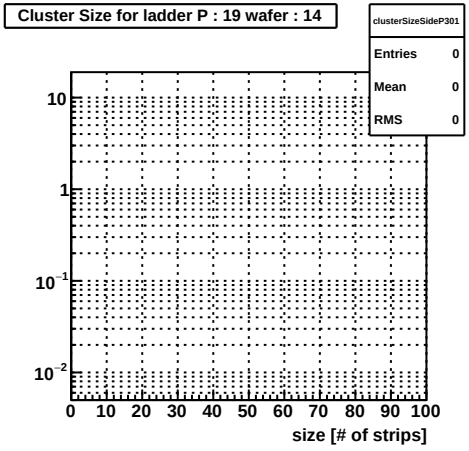

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

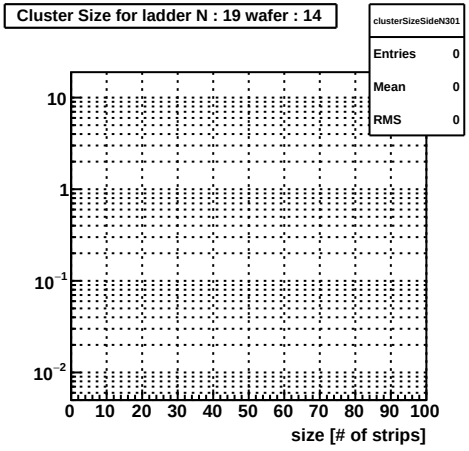

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

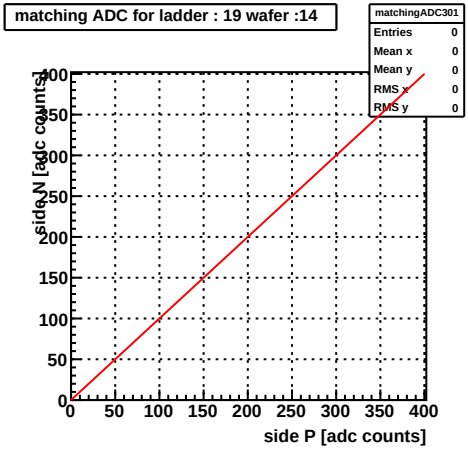

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

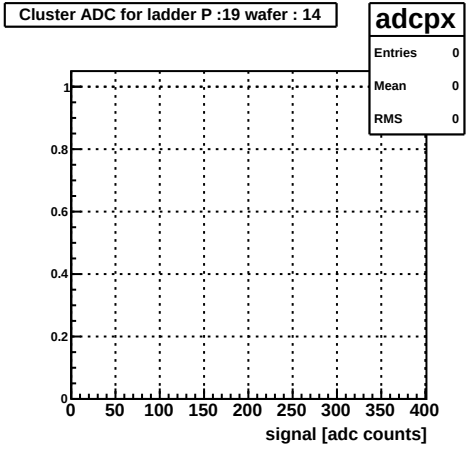

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

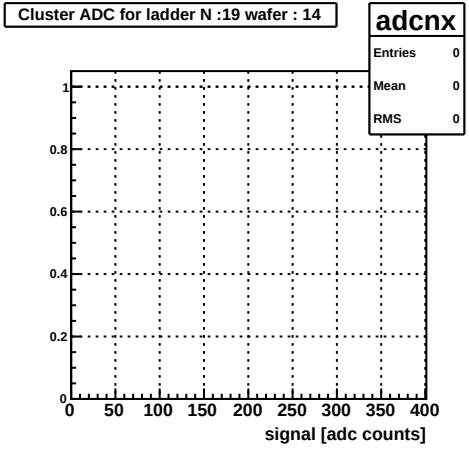

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

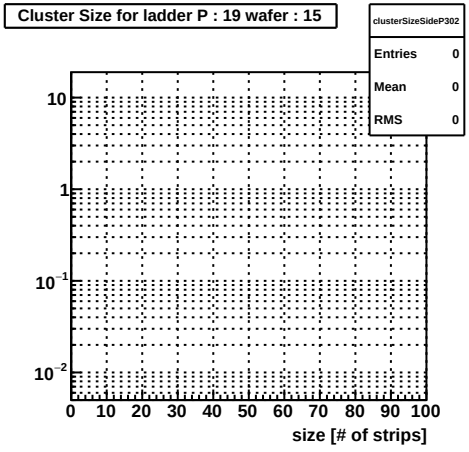

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

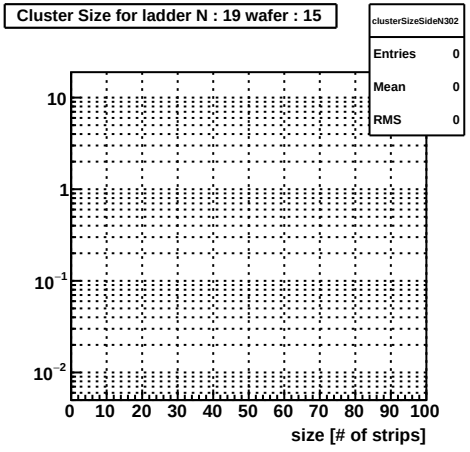

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

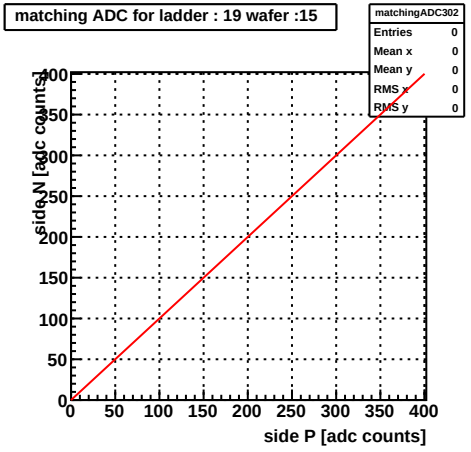

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

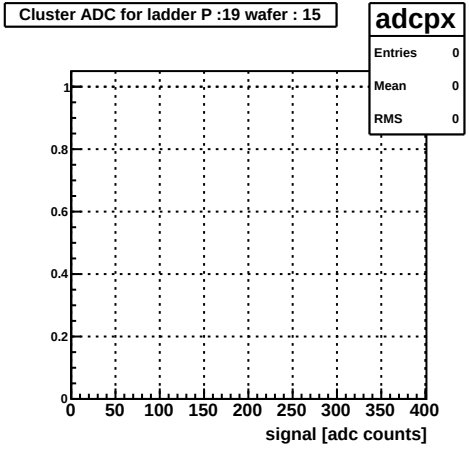

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

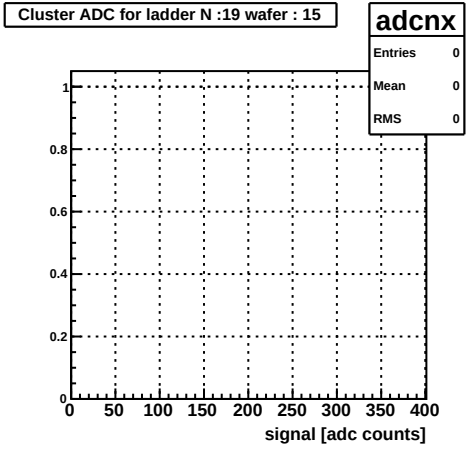

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

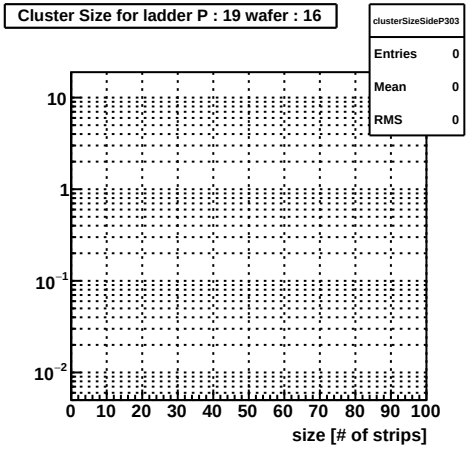

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

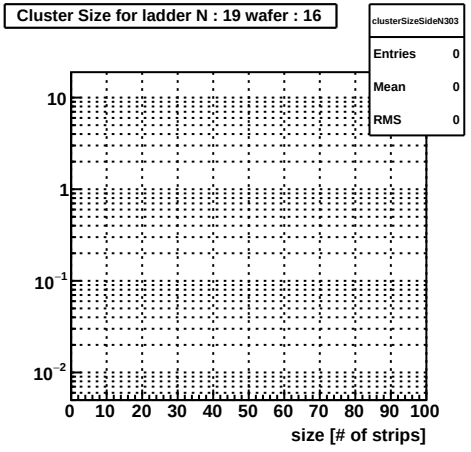

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

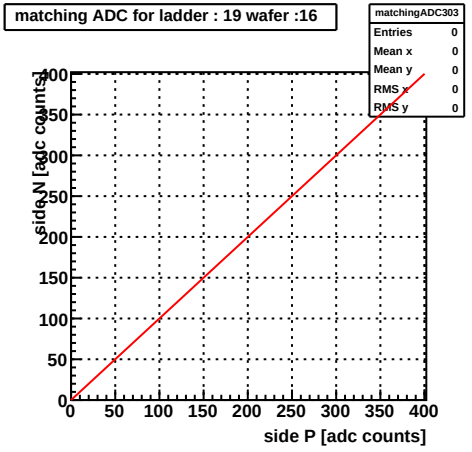

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

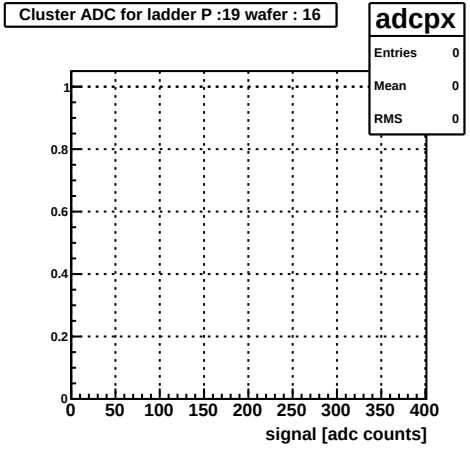

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

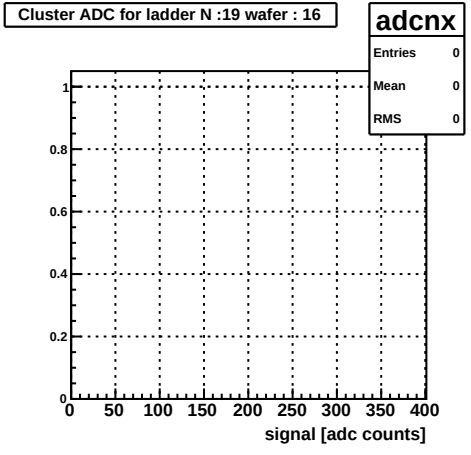

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

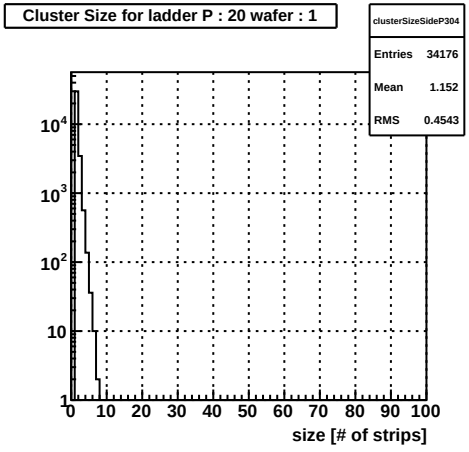

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

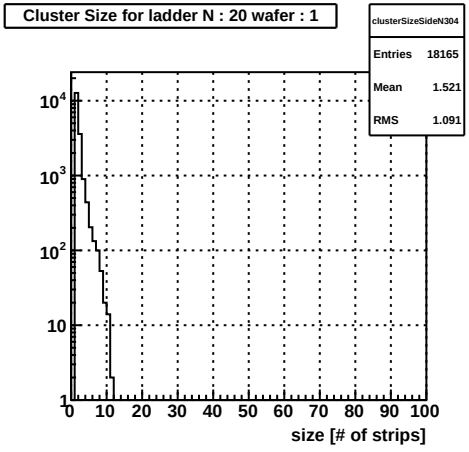

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

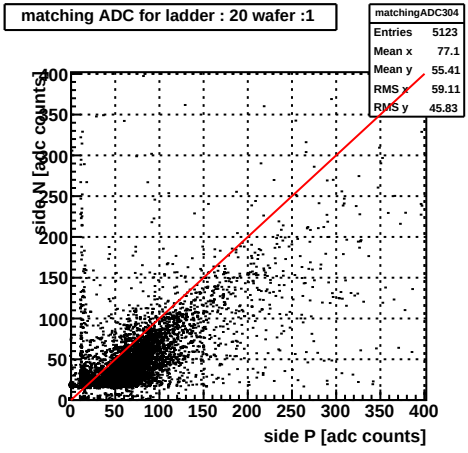

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

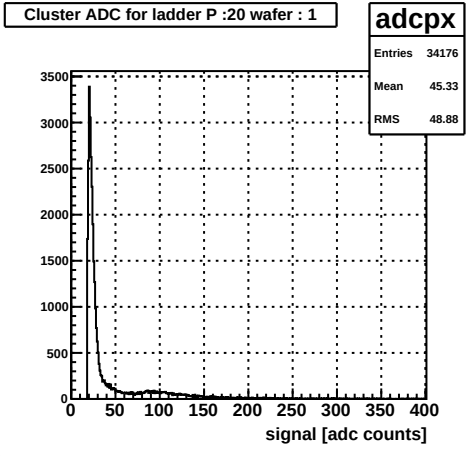

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

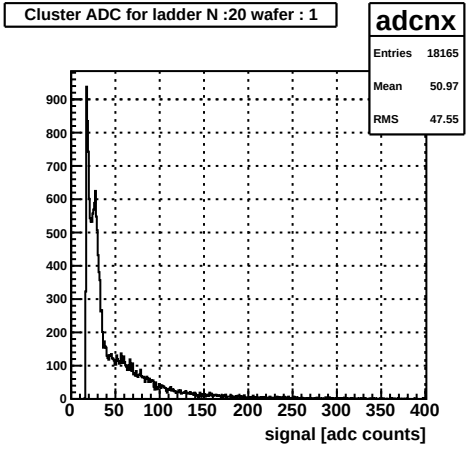

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

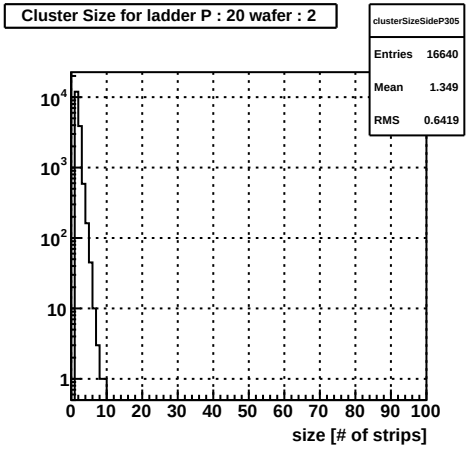

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 34176
Mean 1.152
RMS 0.4543
size [# of strips]

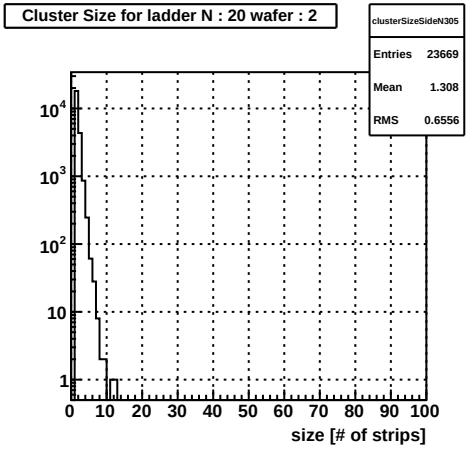

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 18165
Mean 1.521
RMS 1.091
size [# of strips]

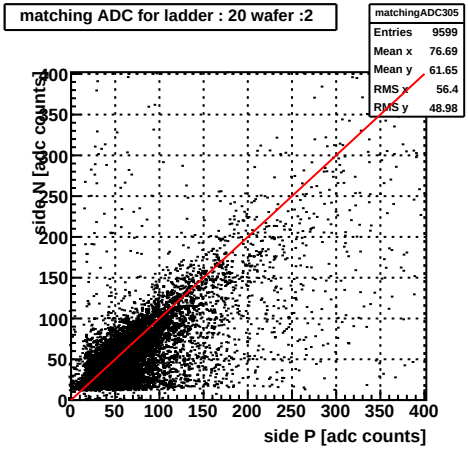

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 5123
Mean x 77.1
Mean y 55.41
RMS x 59.11
RMS y 45.83
side N [adc counts]
side P [adc counts]

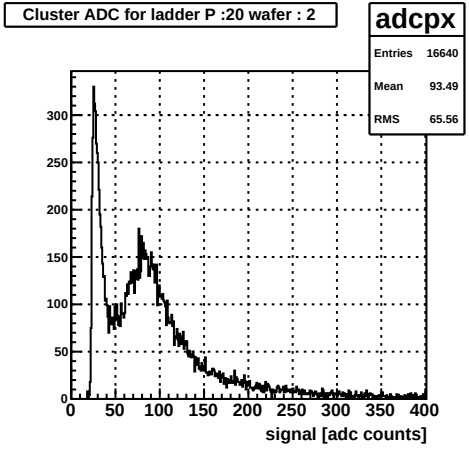

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 34176
Mean 45.33
RMS 48.88
signal [adc counts]

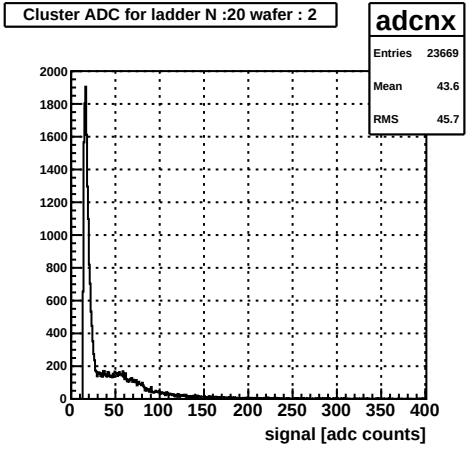

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 18165
Mean 50.97
RMS 47.55
signal [adc counts]

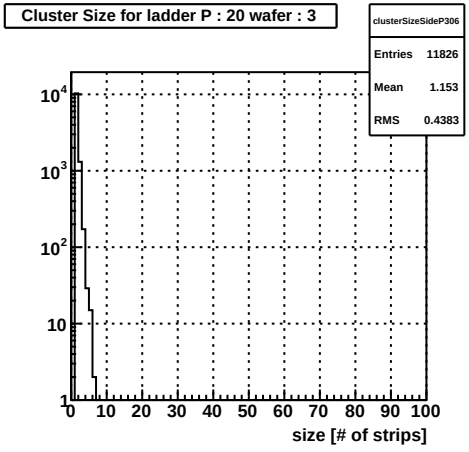

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 16640
Mean 1.349
RMS 0.6419
size [# of strips]

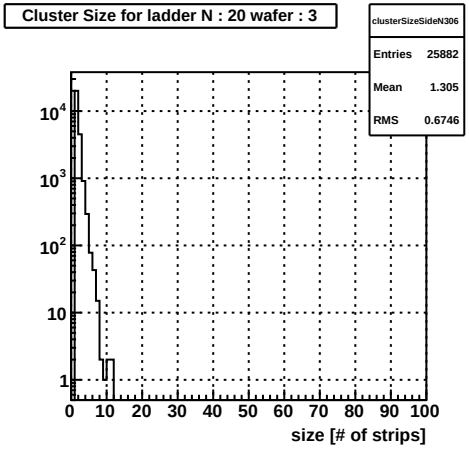

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 23669
Mean 1.308
RMS 0.6556
size [# of strips]

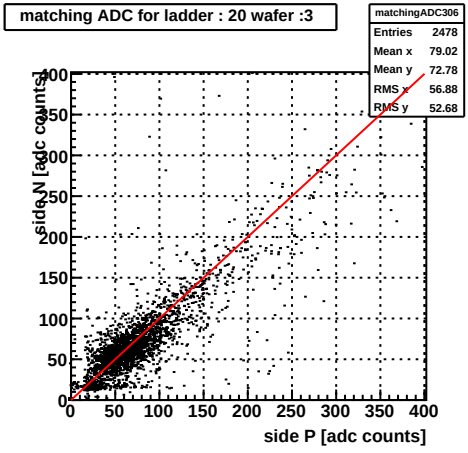

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 9599
Mean x 76.69
Mean y 61.65
RMS x 56.4
RMS y 48.98
side N [adc counts]
side P [adc counts]

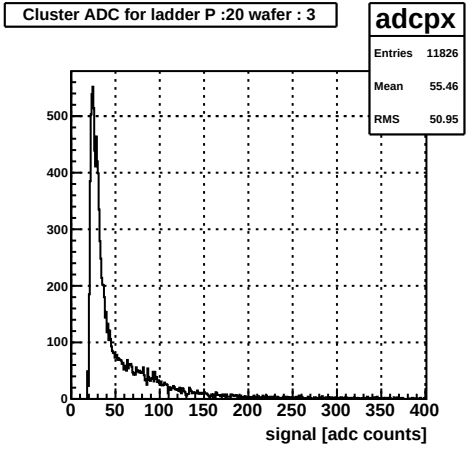

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 16640
Mean 93.49
RMS 65.56
signal [adc counts]

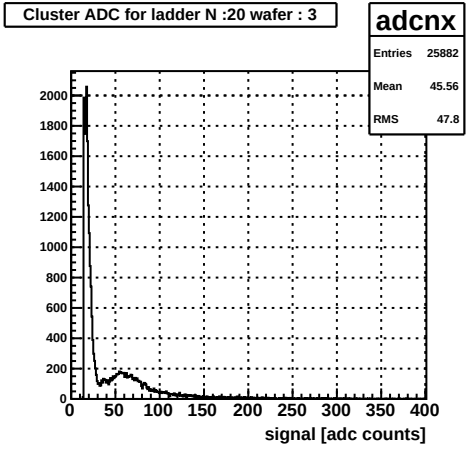

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 23669
Mean 43.6
RMS 45.7
signal [adc counts]

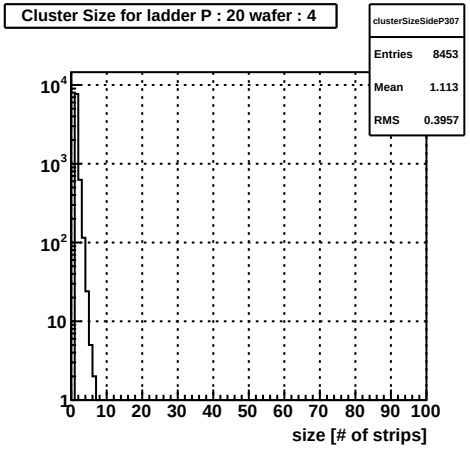

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 11826
Mean 1.153
RMS 0.4383
size [# of strips]

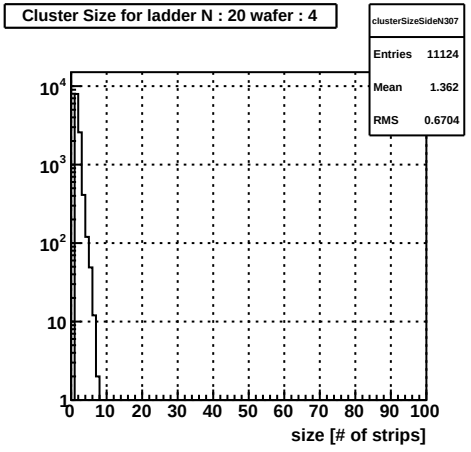

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 25882
Mean 1.305
RMS 0.6746
size [# of strips]

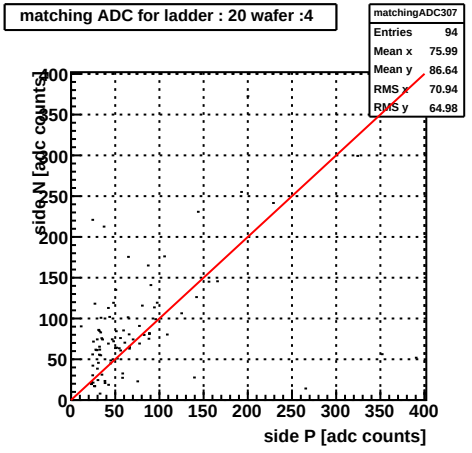

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2478
Mean x 79.02
Mean y 72.78
RMS x 56.88
RMS y 52.68
side N [adc counts]
side P [adc counts]

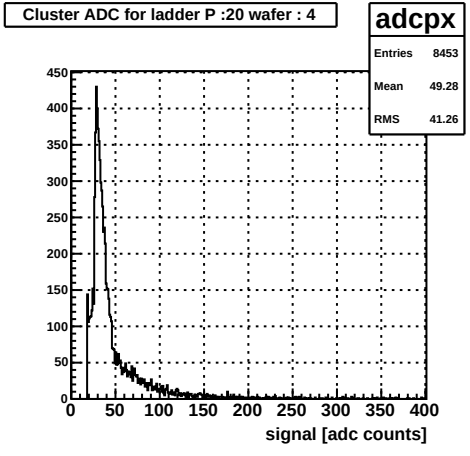

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 11826
Mean 55.46
RMS 50.95
signal [adc counts]

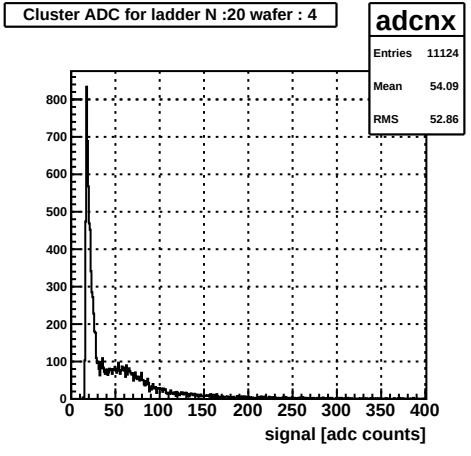

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 25882
Mean 45.56
RMS 47.8
signal [adc counts]

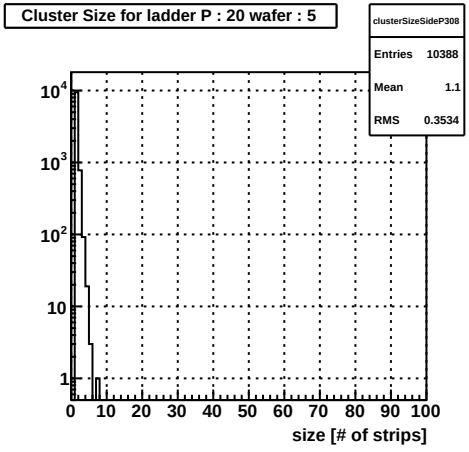

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 8453
Mean 1.113
RMS 0.3957
size [# of strips]

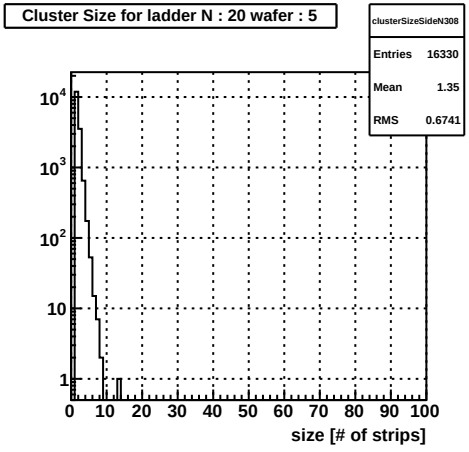

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 11124
Mean 1.362
RMS 0.6704
size [# of strips]

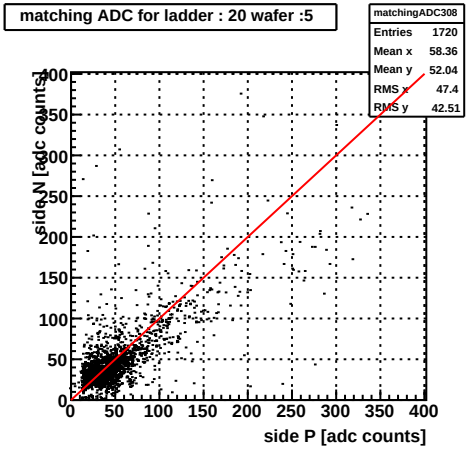

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 94
Mean x 75.99
Mean y 86.64
RMS x 70.94
RMS y 64.98
side N [adc counts]
side P [adc counts]

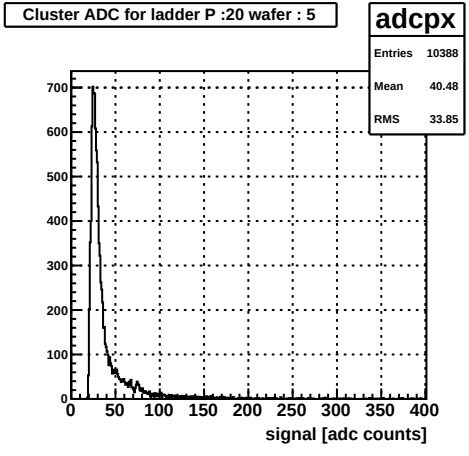

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 8453
Mean 49.28
RMS 41.26
signal [adc counts]

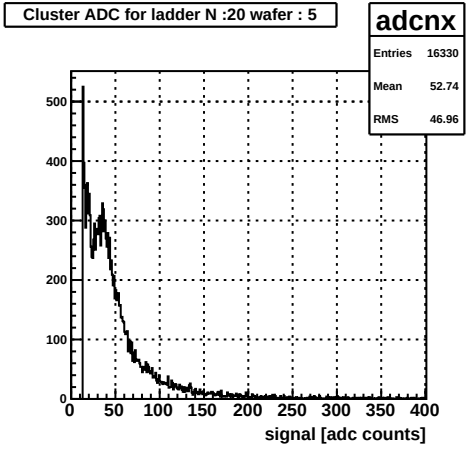

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 11124
Mean 54.09
RMS 52.86
signal [adc counts]

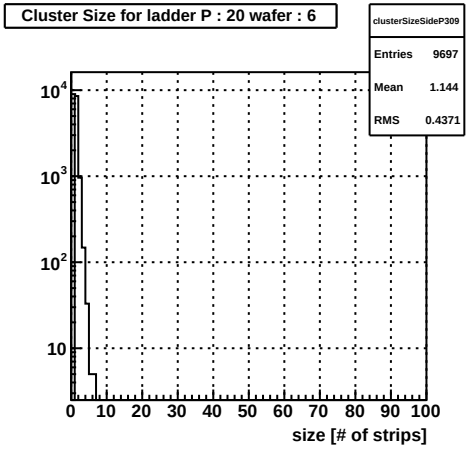

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 10388
Mean 1.1
RMS 0.3534
size [# of strips]

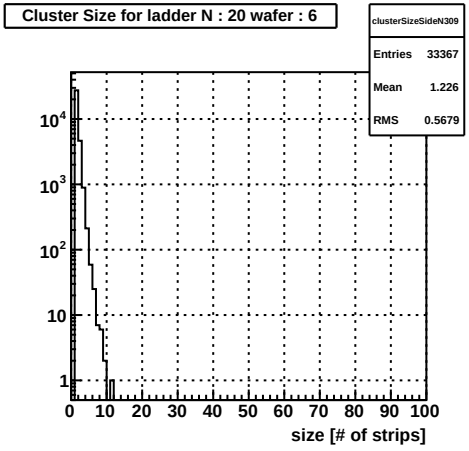

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 16330
Mean 1.35
RMS 0.6741
size [# of strips]

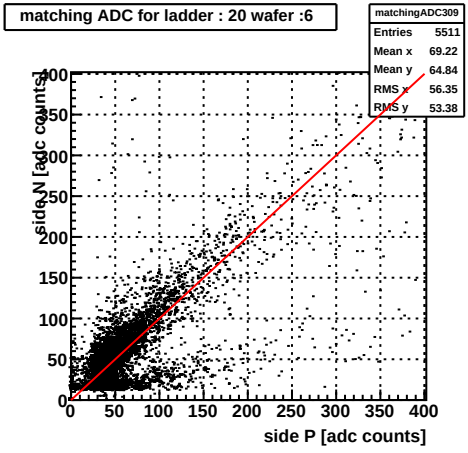

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1720
Mean x 58.36
Mean y 52.04
RMS x 47.4
RMS y 42.51
side N [adc counts]
side P [adc counts]

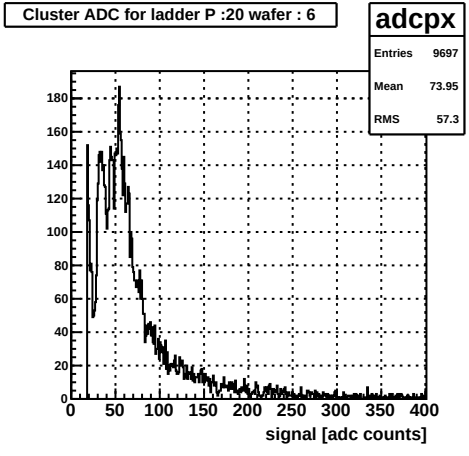

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 10388
Mean 40.48
RMS 33.85
signal [adc counts]

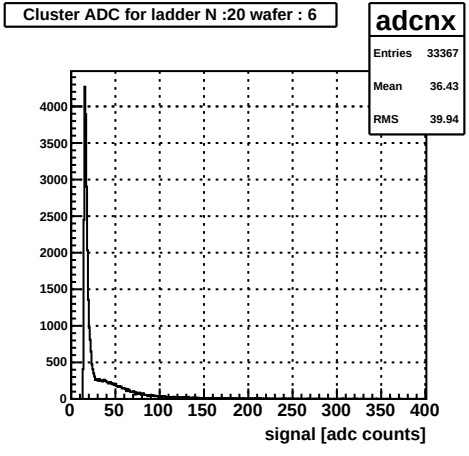

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 16330
Mean 52.74
RMS 46.96
signal [adc counts]

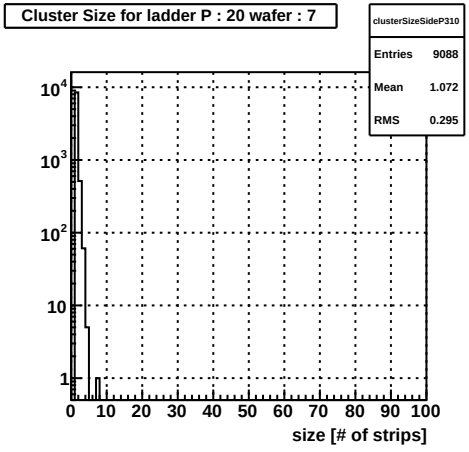

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 9697
Mean 1.144
RMS 0.4371
size [# of strips]

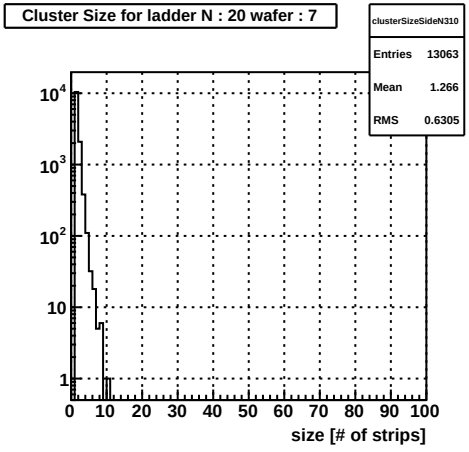

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 33367
Mean 1.226
RMS 0.5679
size [# of strips]

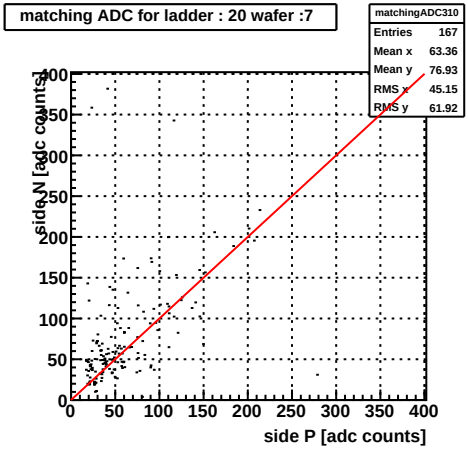

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 5511
Mean x 69.22
Mean y 64.84
RMS x 56.35
RMS y 53.38
side N [adc counts]
side P [adc counts]

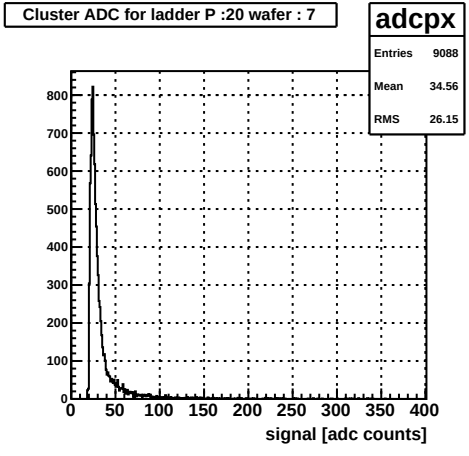

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 9697
Mean 73.95
RMS 57.3
signal [adc counts]

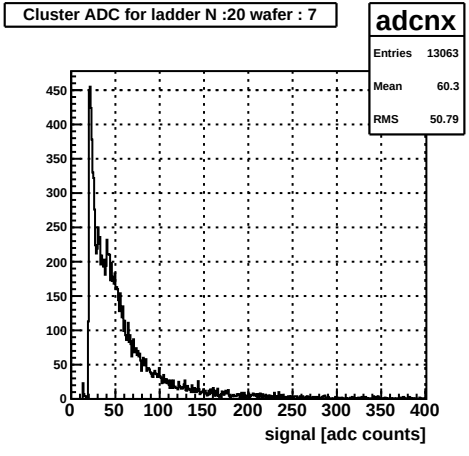

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 33367
Mean 36.43
RMS 39.94
signal [adc counts]

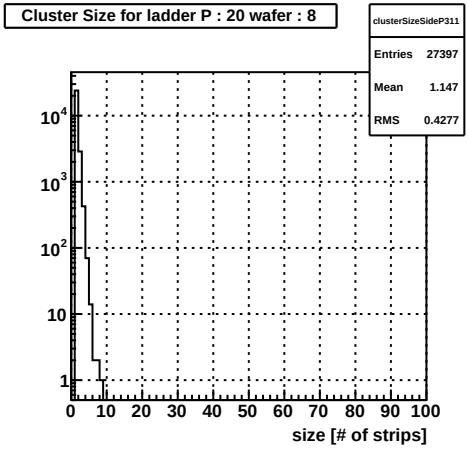

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 9088
Mean 1.072
RMS 0.295
size [# of strips]

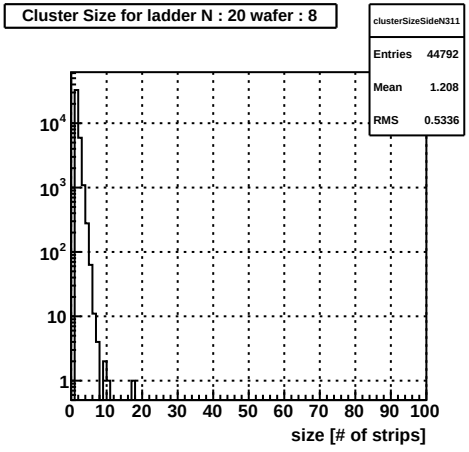

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 13063
Mean 1.266
RMS 0.6305
size [# of strips]

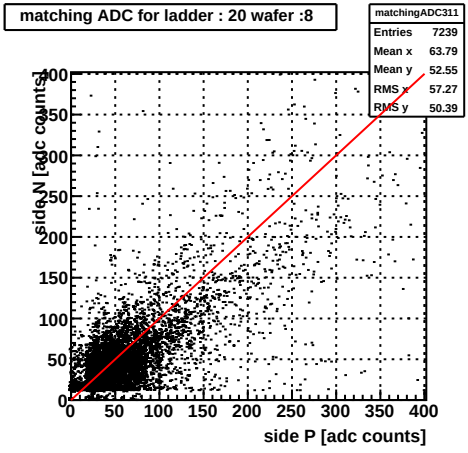

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 167
Mean x 63.36
Mean y 76.93
RMS x 45.15
RMS y 61.92
side N [adc counts]
side P [adc counts]

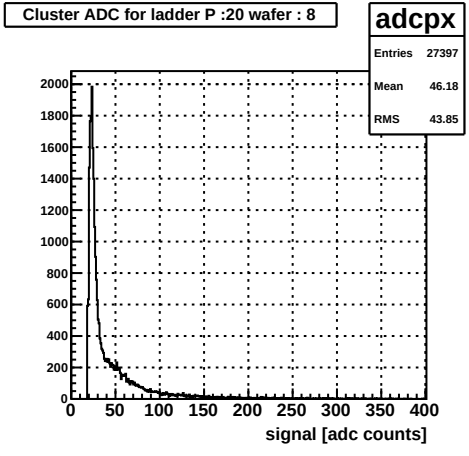

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 9088
Mean 34.56
RMS 26.15
signal [adc counts]

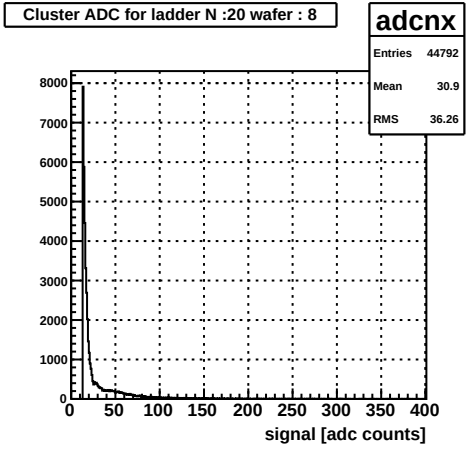

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 13063
Mean 60.3
RMS 50.79
signal [adc counts]

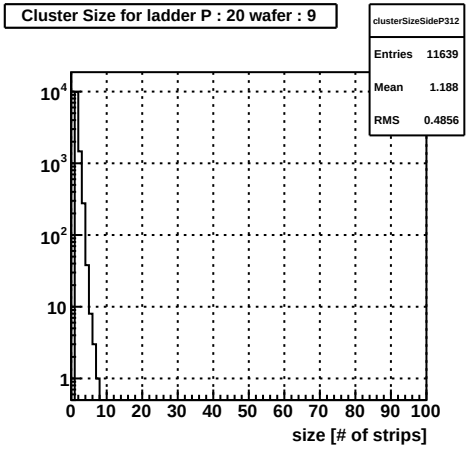

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 27397
Mean 1.147
RMS 0.4277
size [# of strips]

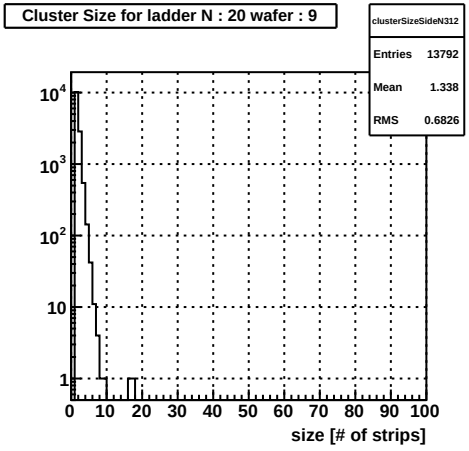

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 44792
Mean 1.208
RMS 0.5336
size [# of strips]

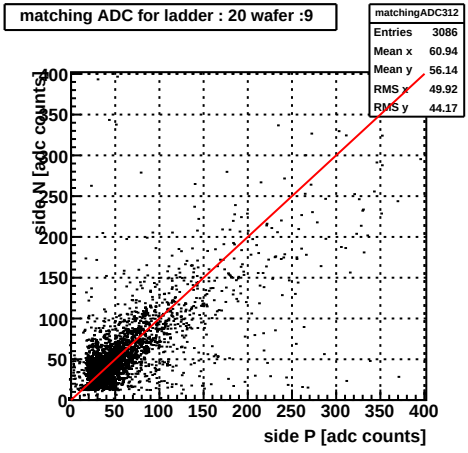

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 7239
Mean x 63.79
Mean y 52.55
RMS x 57.27
RMS y 50.39
side N [adc counts]
side P [adc counts]

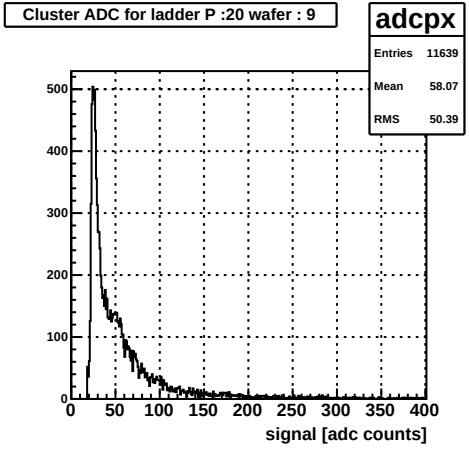

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 27397
Mean 46.18
RMS 43.85
signal [adc counts]

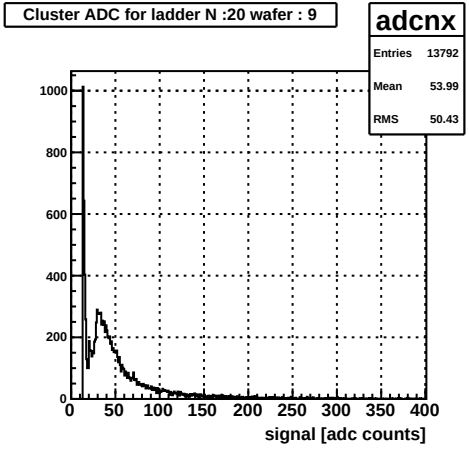

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 44792
Mean 30.9
RMS 36.26
signal [adc counts]

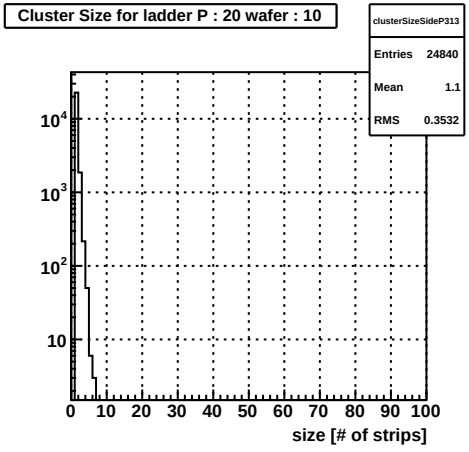

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 11639
Mean 1.188
RMS 0.4856
size [# of strips]

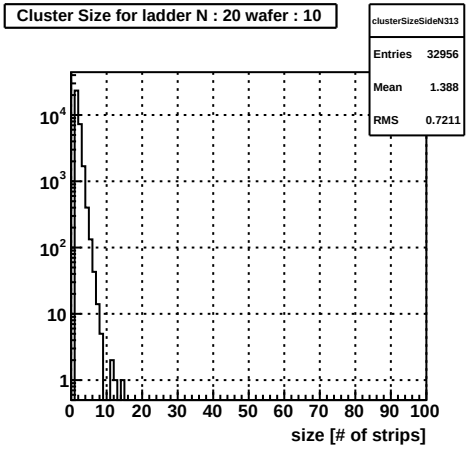

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 13792
Mean 1.338
RMS 0.6826
size [# of strips]

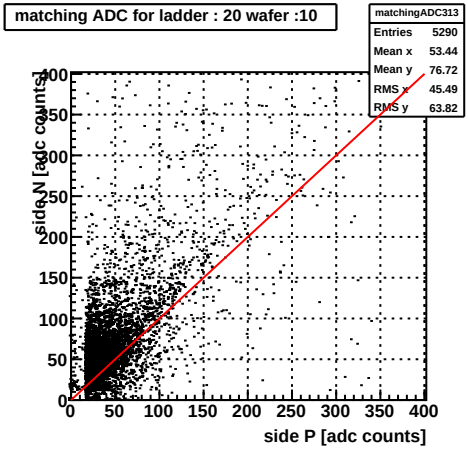

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 3086
Mean x 60.94
Mean y 56.14
RMS x 49.92
RMS y 44.17
side N [adc counts]
side P [adc counts]

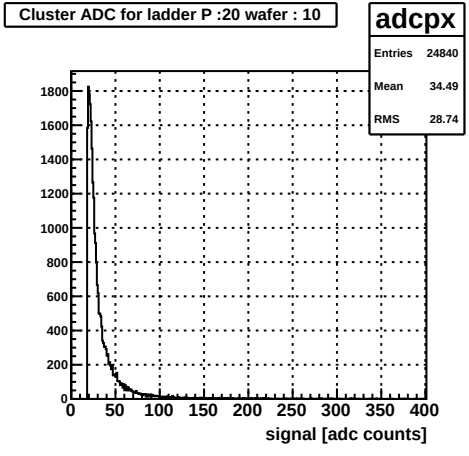

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 11639
Mean 58.07
RMS 50.39
signal [adc counts]

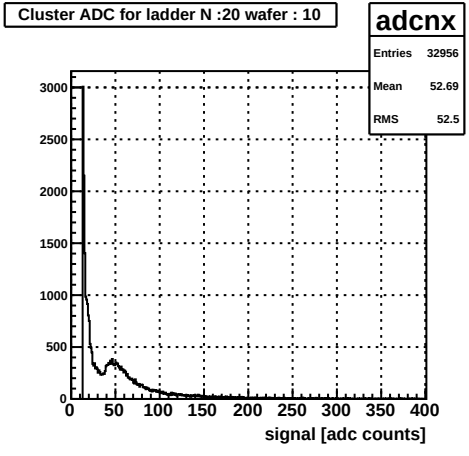

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 13792
Mean 53.99
RMS 50.43
signal [adc counts]

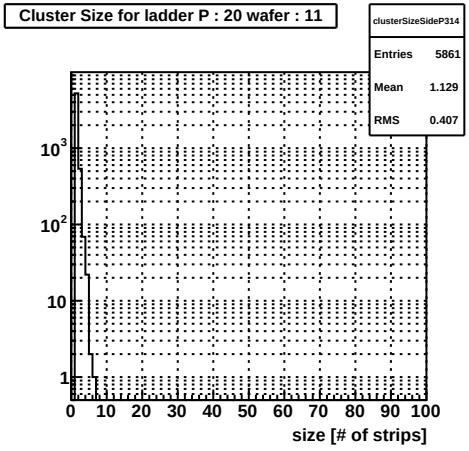

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 24840
Mean 1.1
RMS 0.3532
size [# of strips]

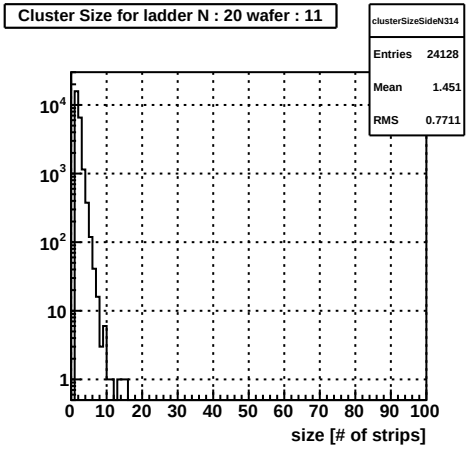

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 32956
Mean 1.388
RMS 0.7211
size [# of strips]

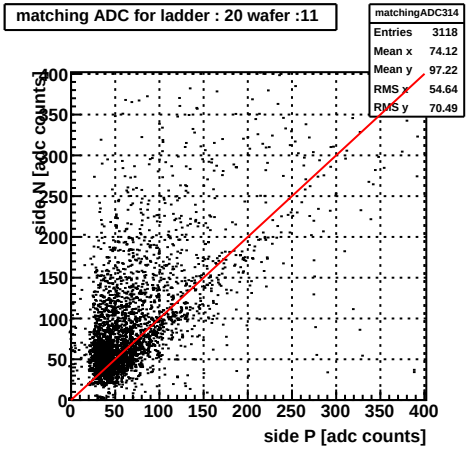

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 5290
Mean x 53.44
Mean y 76.72
RMS x 45.49
RMS y 63.82
side N [adc counts]
side P [adc counts]

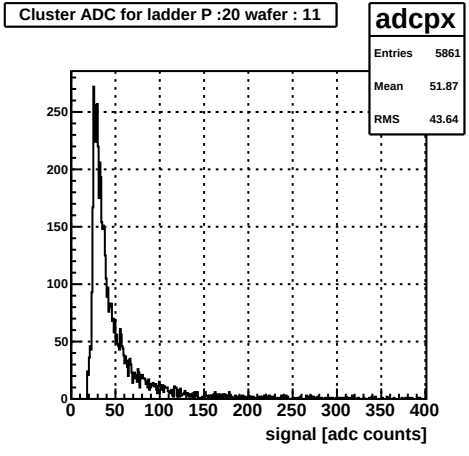

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 24840
Mean 34.49
RMS 28.74
signal [adc counts]

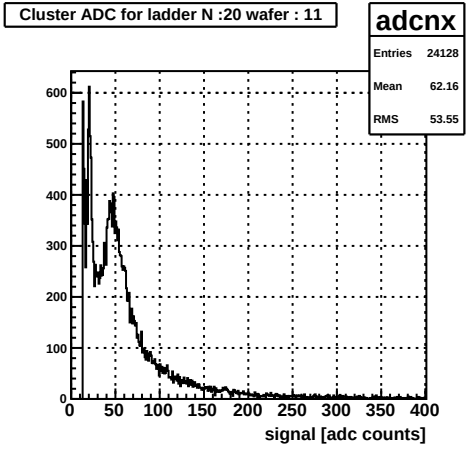

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 32956
Mean 52.69
RMS 52.5
signal [adc counts]

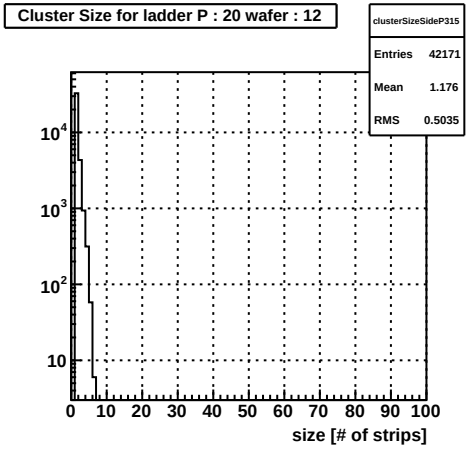

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5861
Mean 1.129
RMS 0.407
size [# of strips]

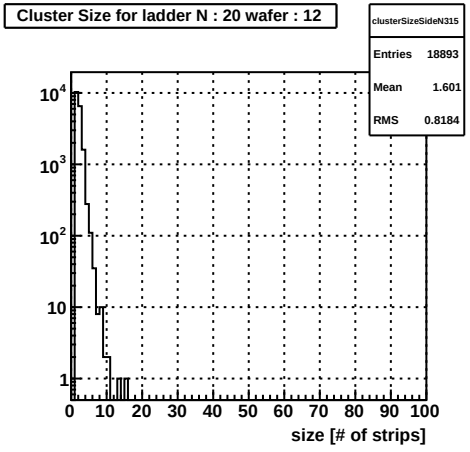

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 24128
Mean 1.451
RMS 0.7711
size [# of strips]

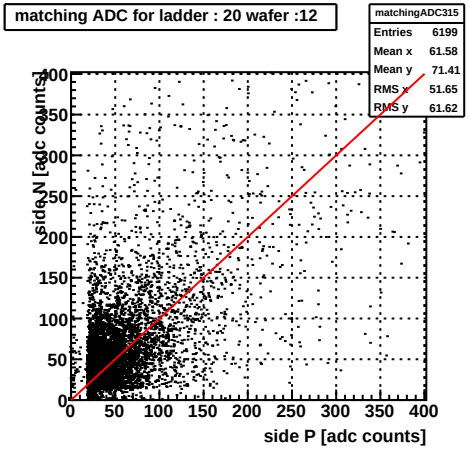

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 3118
Mean x 74.12
Mean y 97.22
RMS x 54.64
RMS y 70.49
side N [adc counts]
side P [adc counts]

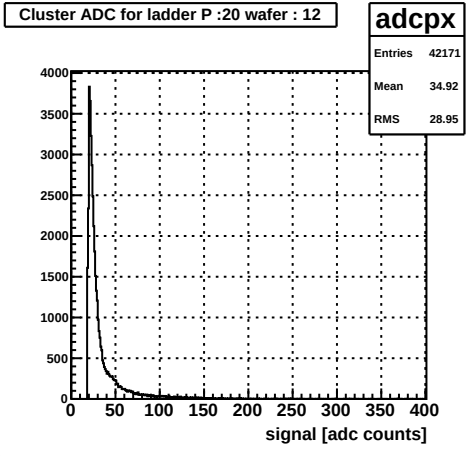

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5861
Mean 51.87
RMS 43.64
signal [adc counts]

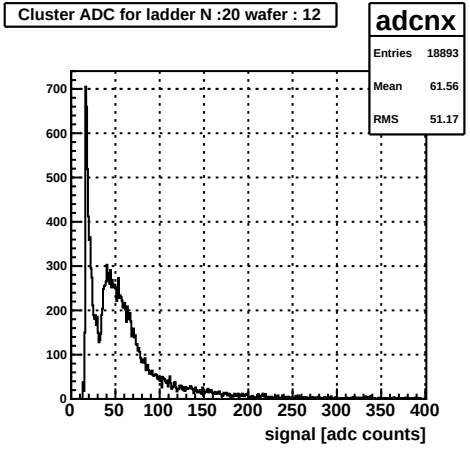

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 24128
Mean 62.16
RMS 53.55
signal [adc counts]

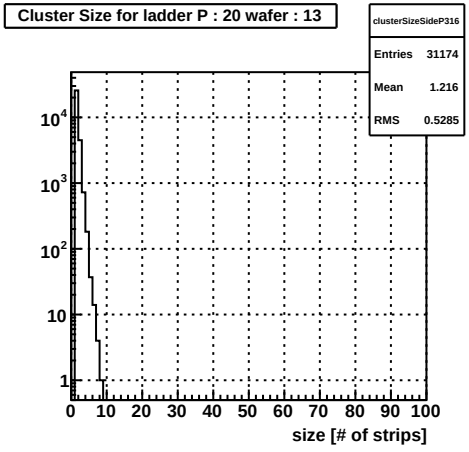

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 42171
Mean 1.176
RMS 0.5035
size [# of strips]

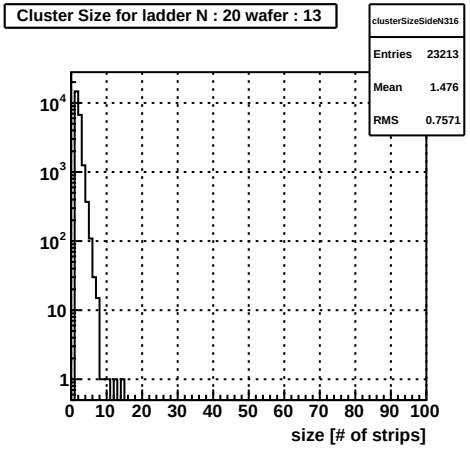

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 18893
Mean 1.601
RMS 0.8184
size [# of strips]

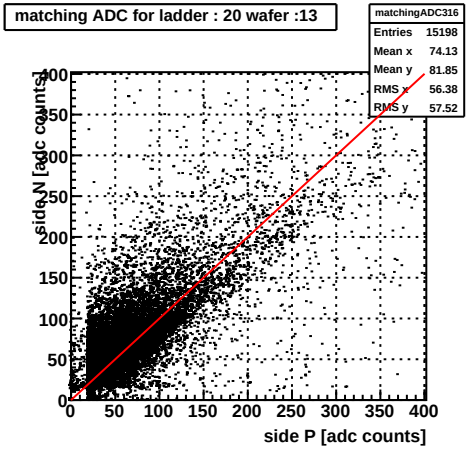

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 6199
Mean x 61.58
Mean y 71.41
RMS x 51.65
RMS y 61.62
side N [adc counts]
side P [adc counts]

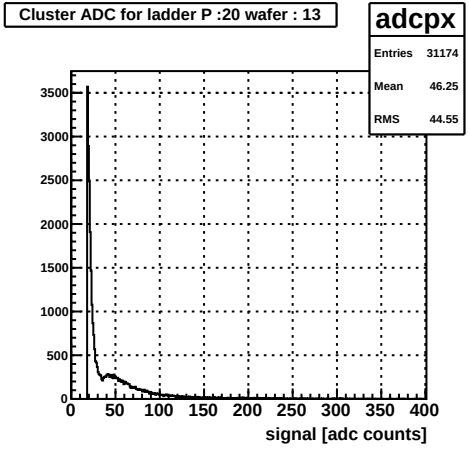

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 42171
Mean 34.92
RMS 28.95
signal [adc counts]

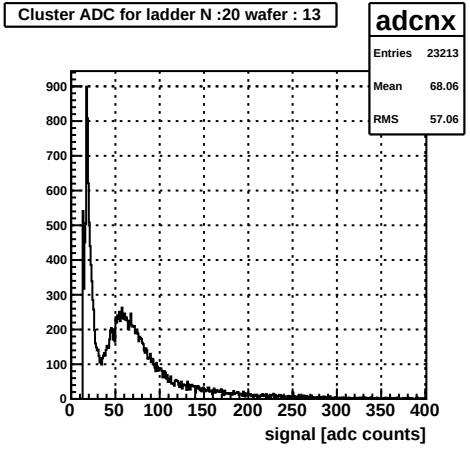

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 18893
Mean 61.56
RMS 51.17
signal [adc counts]

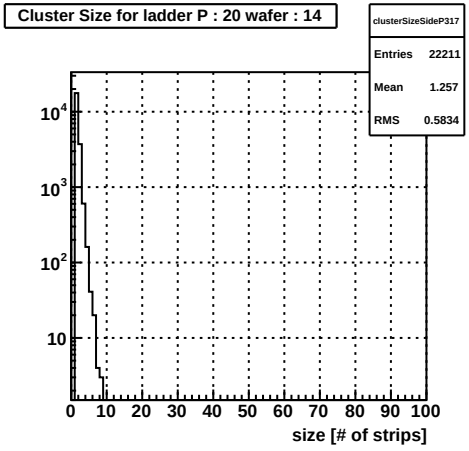

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 31174
Mean 1.216
RMS 0.5285
size [# of strips]

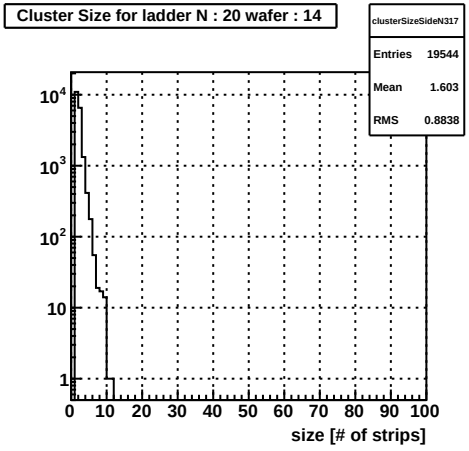

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 23213
Mean 1.476
RMS 0.7571
size [# of strips]

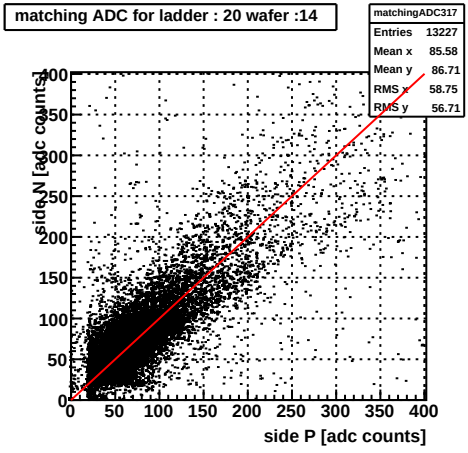

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 15198
Mean x 74.13
Mean y 81.85
RMS x 56.38
RMS y 57.52
side N [adc counts]
side P [adc counts]

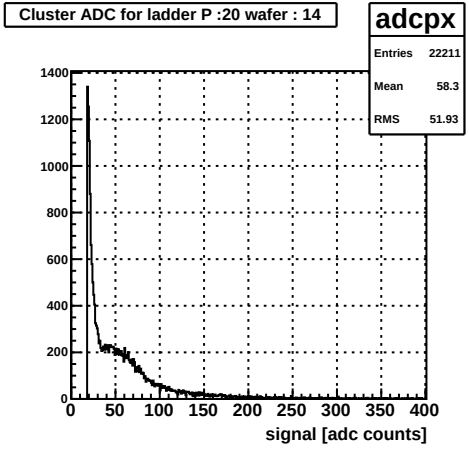

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 31174
Mean 46.25
RMS 44.55
signal [adc counts]

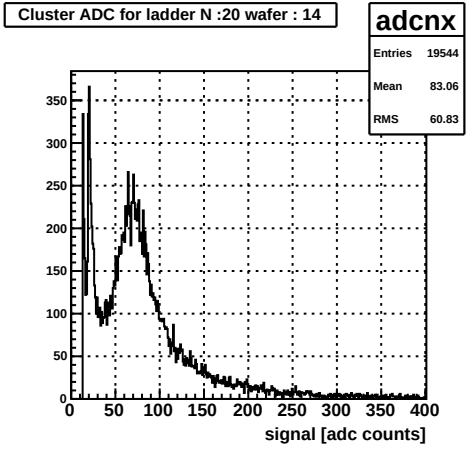

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 23213
Mean 68.06
RMS 57.06
signal [adc counts]

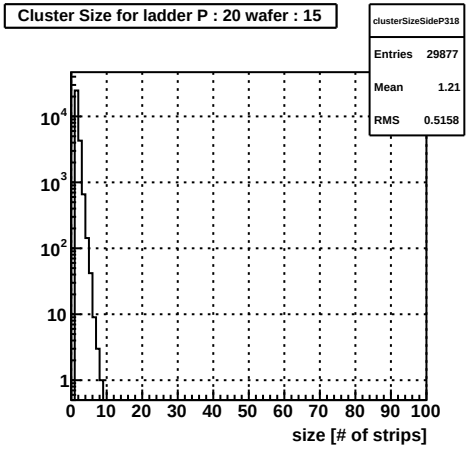

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 22211
Mean 1.257
RMS 0.5834
size [# of strips]

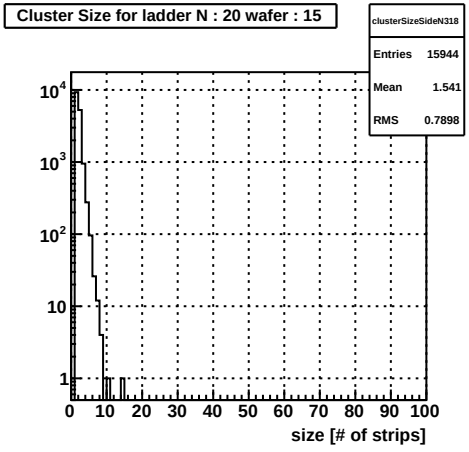

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 19544
Mean 1.603
RMS 0.8838
size [# of strips]

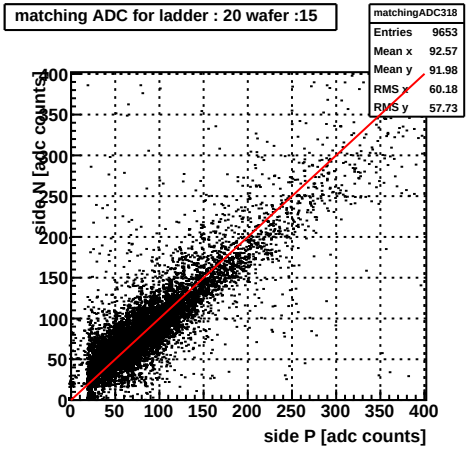

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 13227
Mean x 85.58
Mean y 86.71
RMS x 58.75
RMS y 56.71
side N [adc counts]
side P [adc counts]

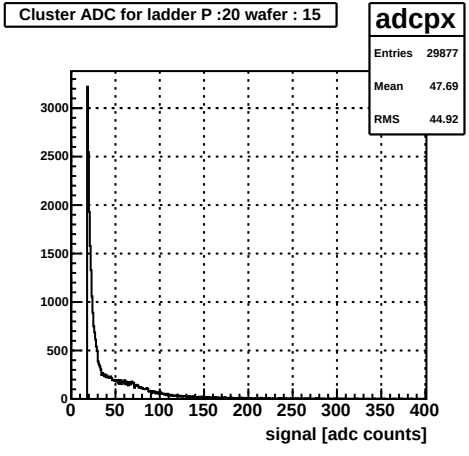

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 22211
Mean 58.3
RMS 51.93
signal [adc counts]

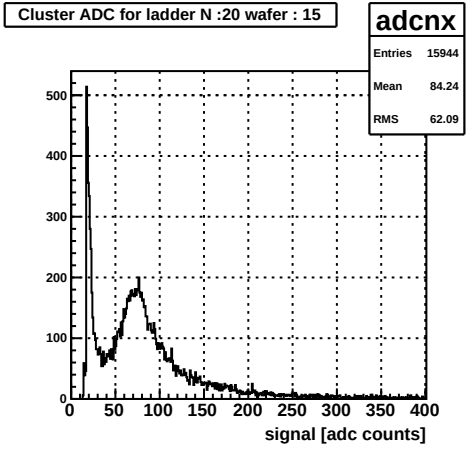

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 19544
Mean 83.06
RMS 60.83
signal [adc counts]

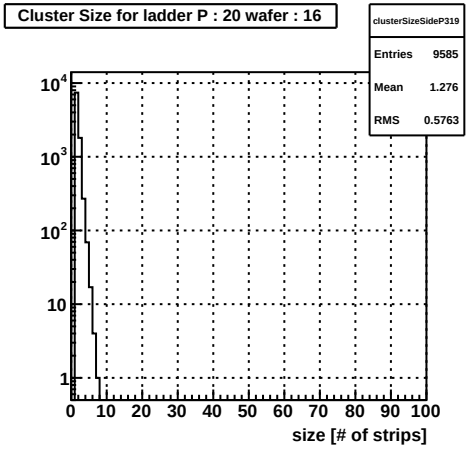

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 29877
Mean 1.21
RMS 0.5158
size [# of strips]

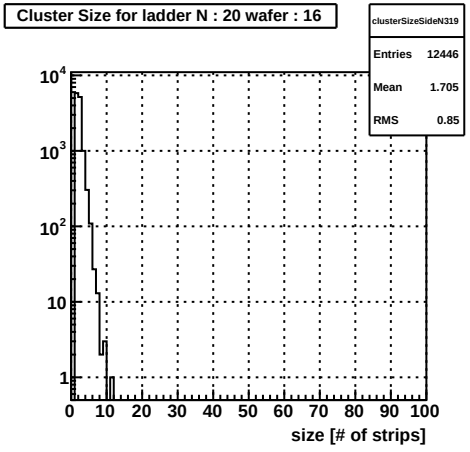

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 15944
Mean 1.541
RMS 0.7898
size [# of strips]

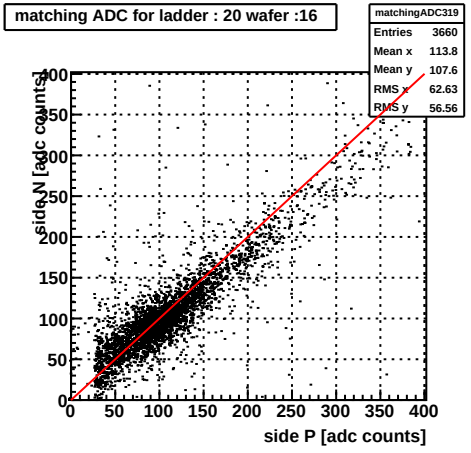

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 9653
Mean x 92.57
Mean y 91.98
RMS x 60.18
RMS y 57.73
side N [adc counts]
side P [adc counts]

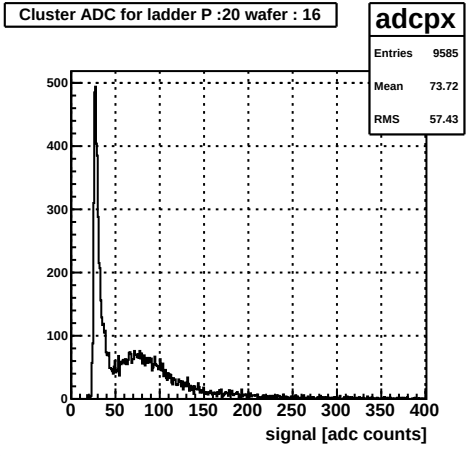

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 29877
Mean 47.69
RMS 44.92
signal [adc counts]

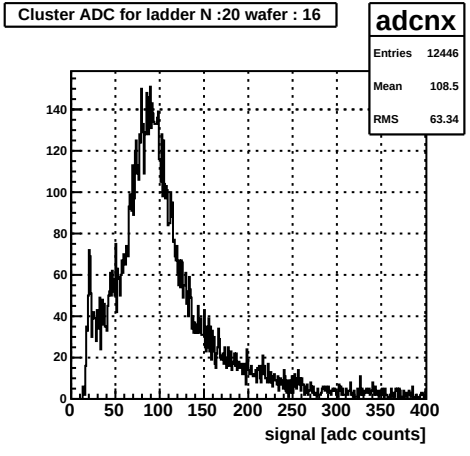

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 15944
Mean 84.24
RMS 62.09
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9585
Mean 1.276
RMS 0.5763
size [# of strips]

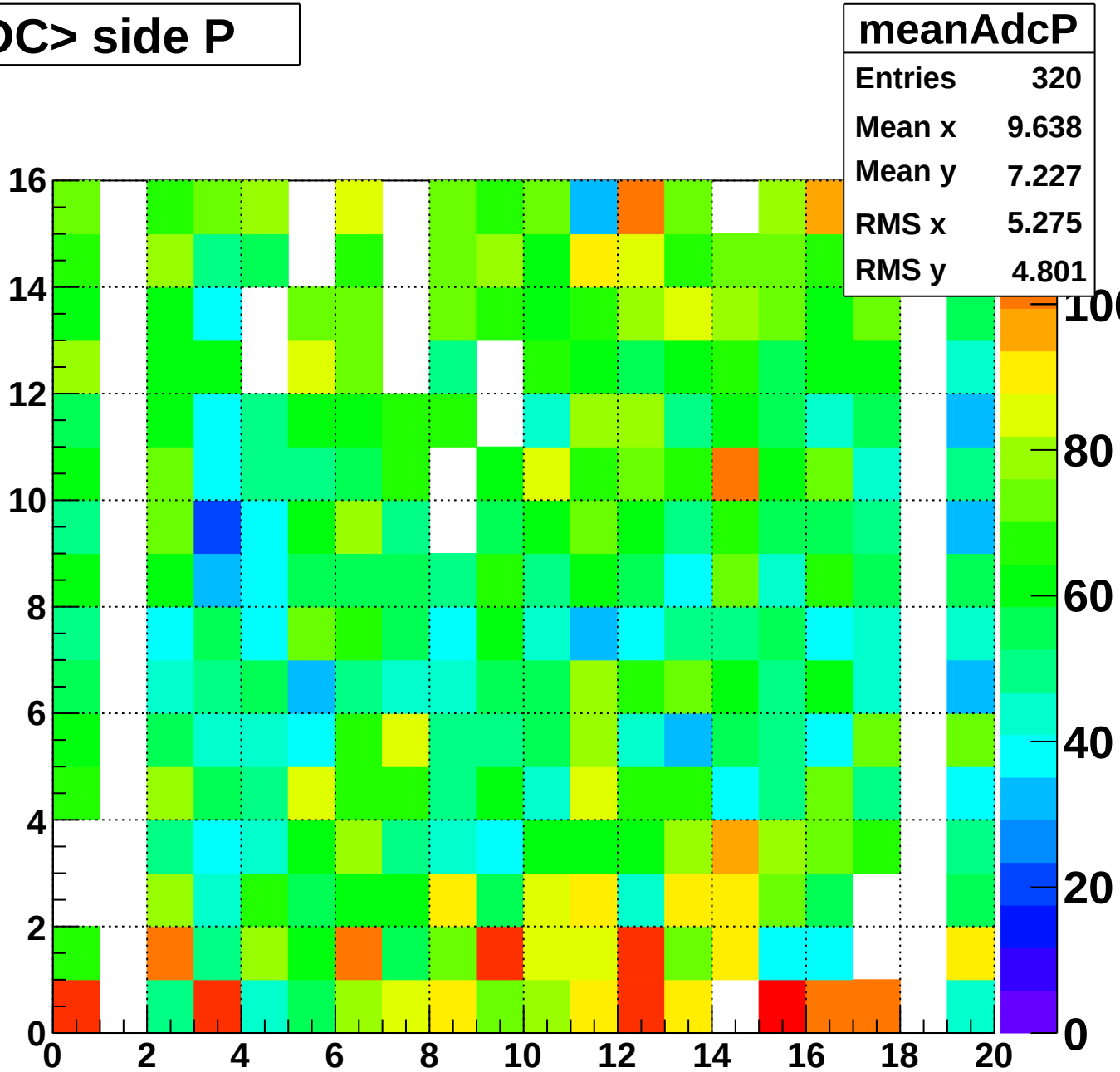

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 12446
Mean 1.705
RMS 0.85
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3660
Mean x 113.8
Mean y 107.6
RMS x 62.63
RMS y 56.56
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9585
Mean 73.72
RMS 57.43
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 12446
Mean 108.5
RMS 63.34
signal [adc counts]

<ADC> side P



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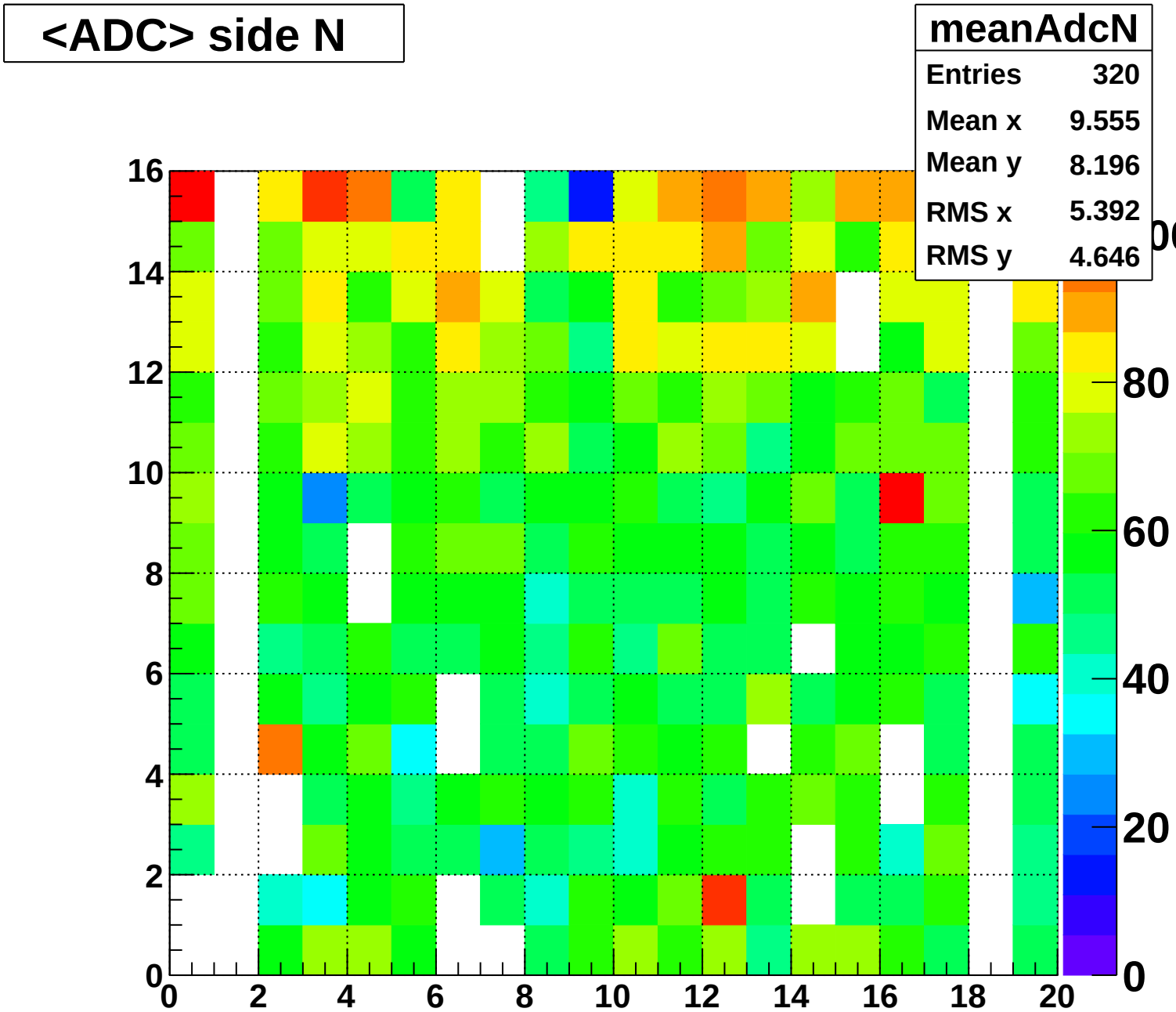

2016-06-22 08:51:28