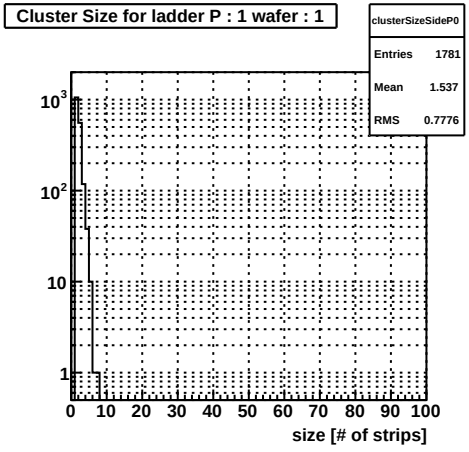
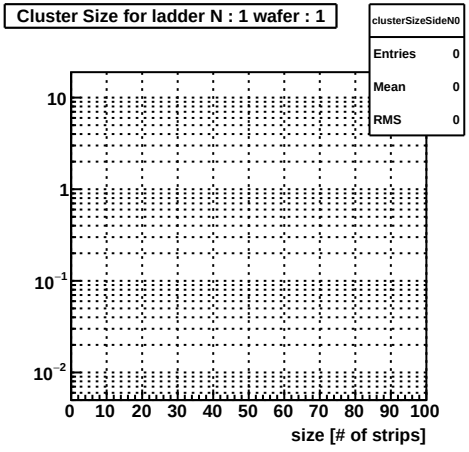
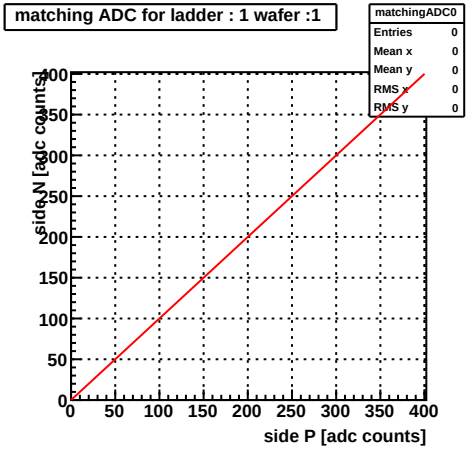
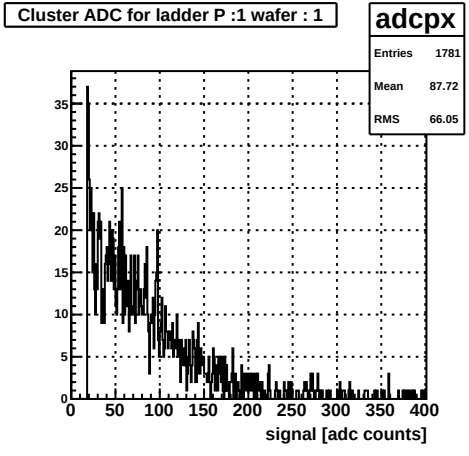
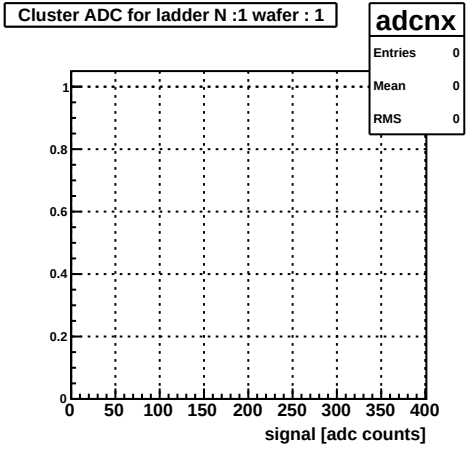
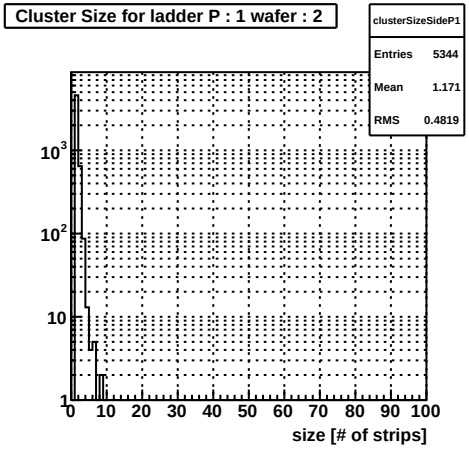

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1781
Mean 1.537
RMS 0.7776
size [# of strips]

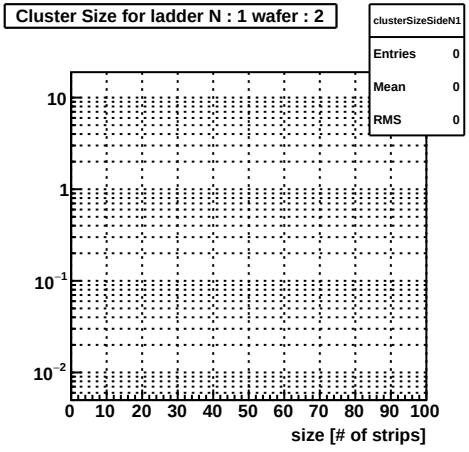

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

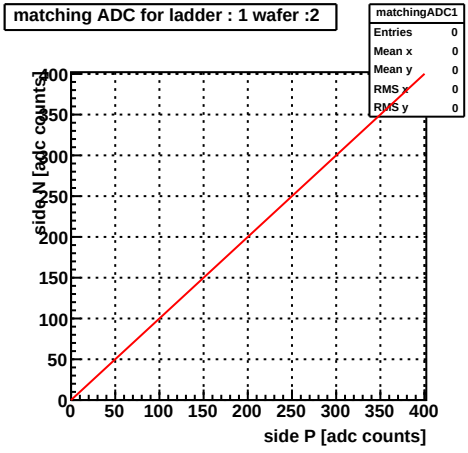

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

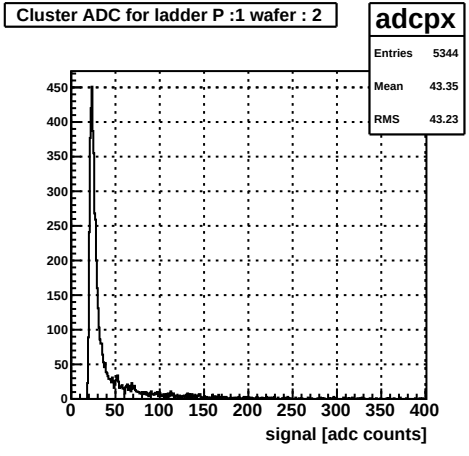

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1781
Mean 87.72
RMS 66.05
signal [adc counts]

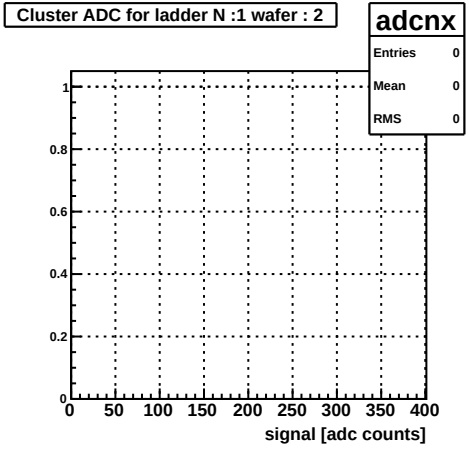

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

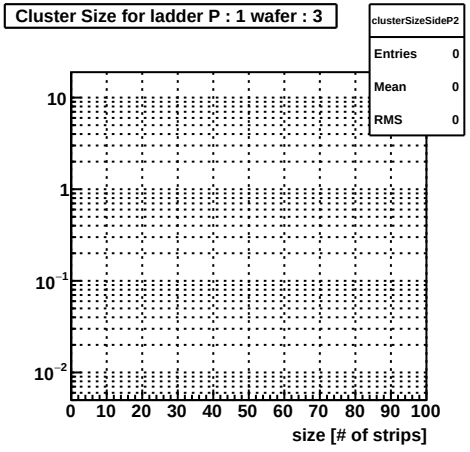

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5344
Mean 1.171
RMS 0.4819
size [# of strips]

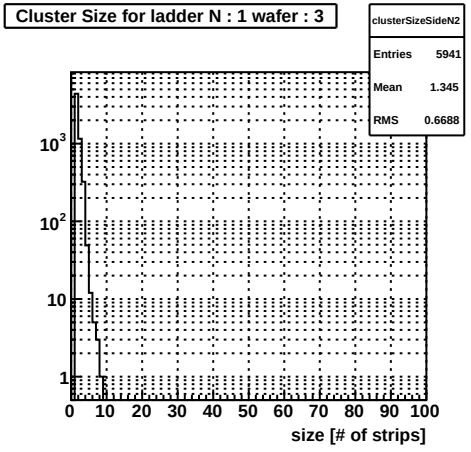

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

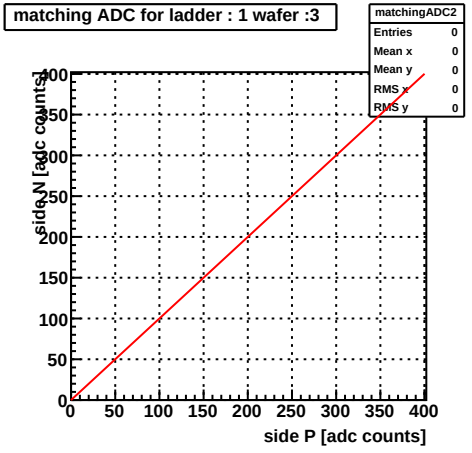

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

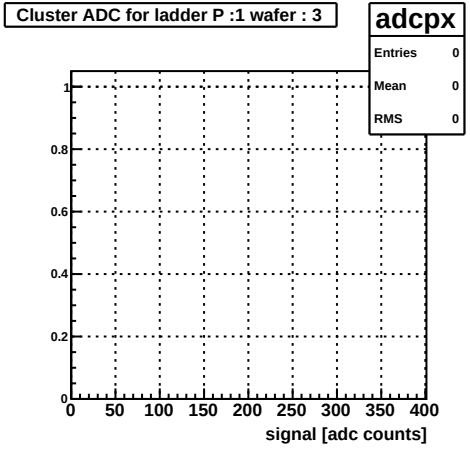

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5344
Mean 43.35
RMS 43.23
signal [adc counts]

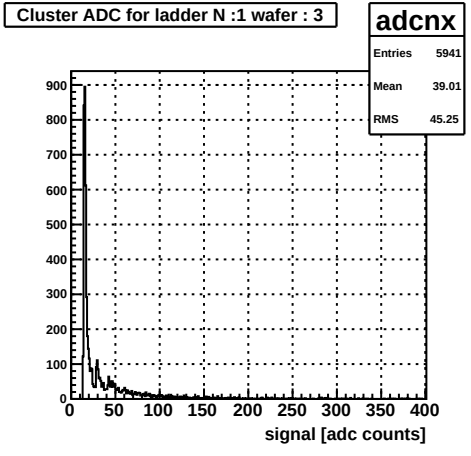

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

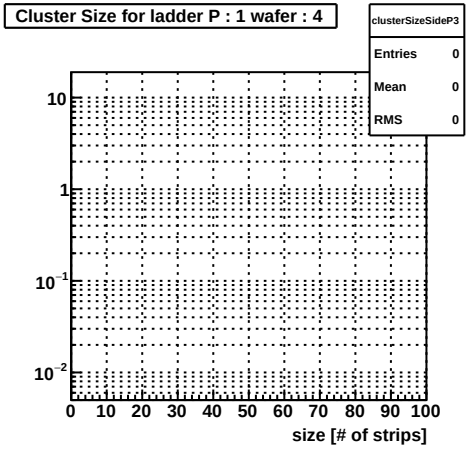

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

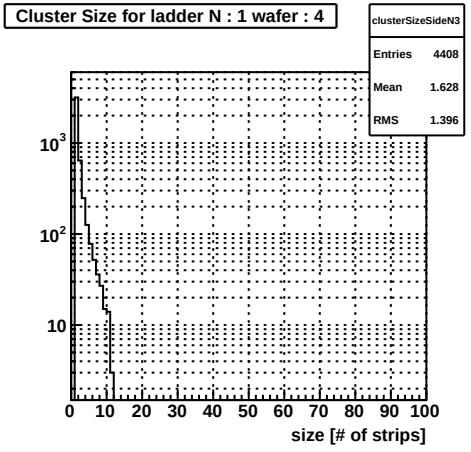

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 5941
Mean 1.345
RMS 0.6688
size [# of strips]

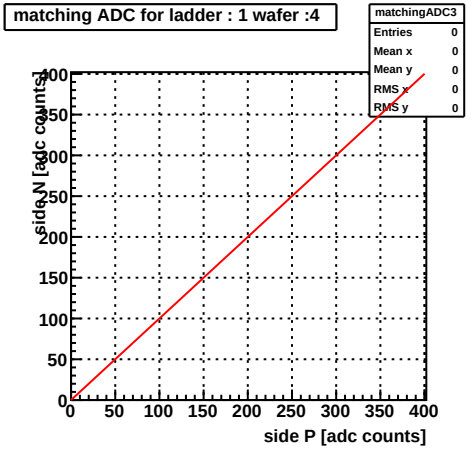

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

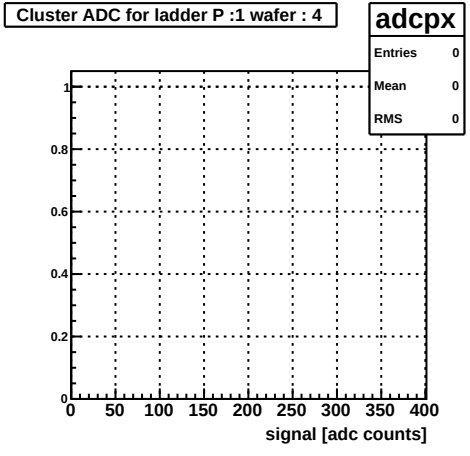

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

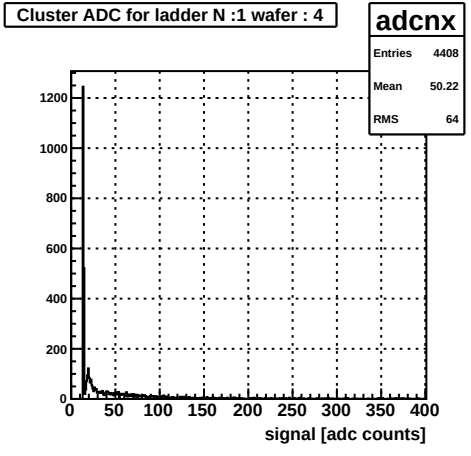

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 5941
Mean 39.01
RMS 45.25
signal [adc counts]

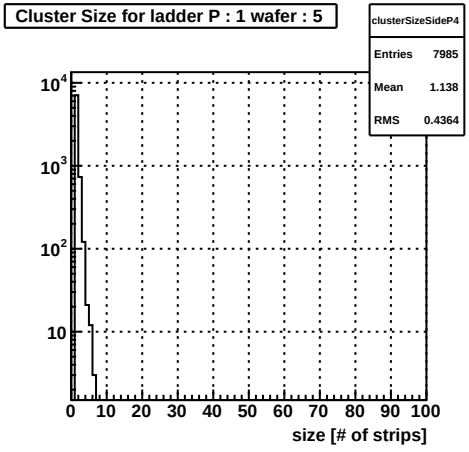

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

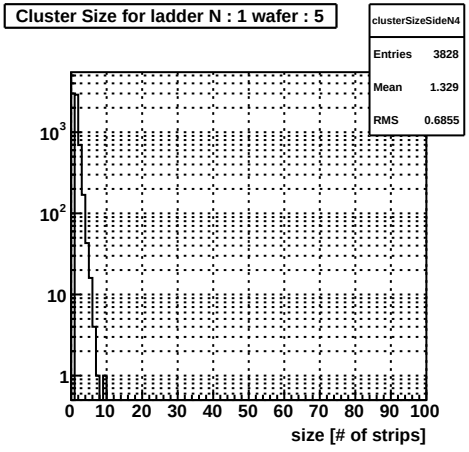

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4408
Mean 1.628
RMS 1.396
size [# of strips]

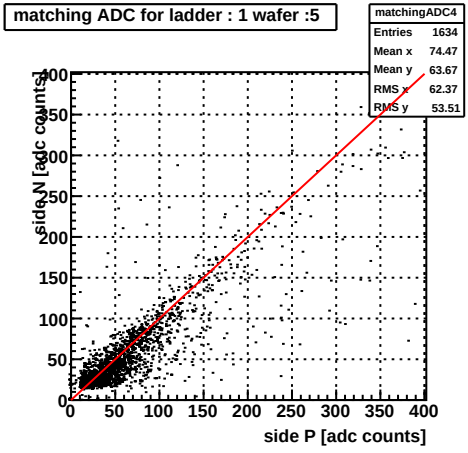

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

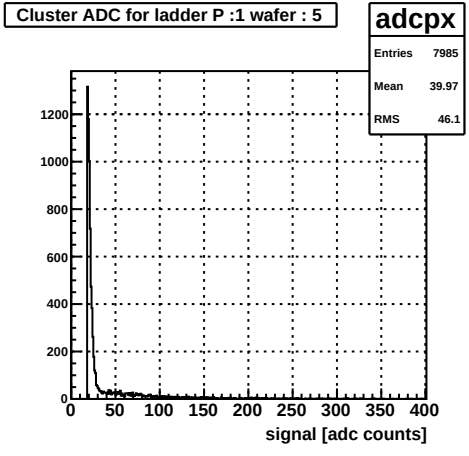

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

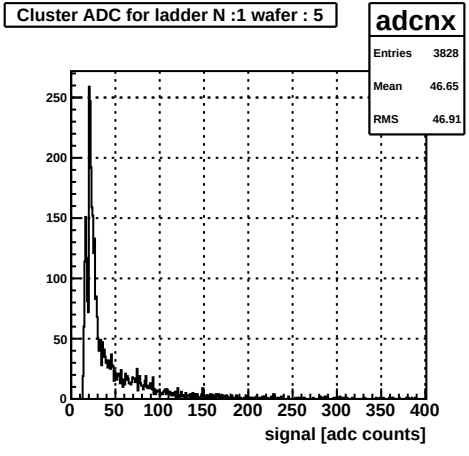

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4408
Mean 50.22
RMS 64
signal [adc counts]

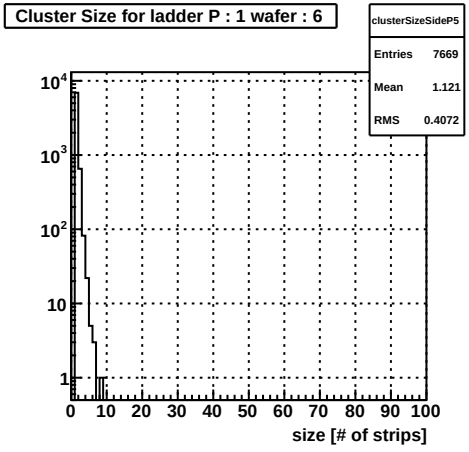

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7985
Mean 1.138
RMS 0.4364
size [# of strips]

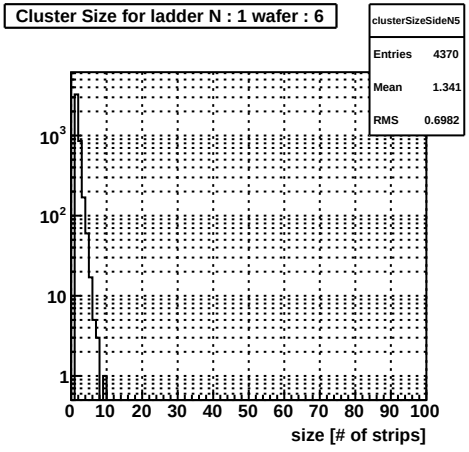

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3828
Mean 1.329
RMS 0.6855
size [# of strips]

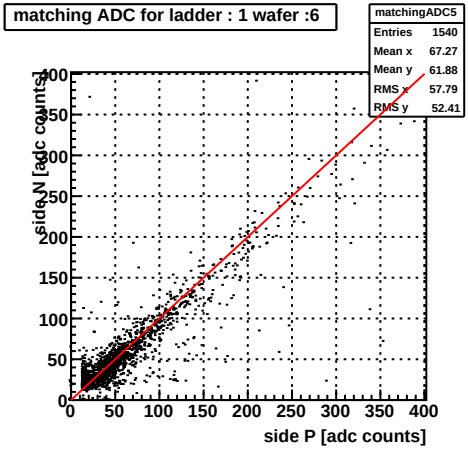

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1634
Mean x 74.47
Mean y 63.67
RMS x 62.37
RMS y 53.51
side N [adc counts]
side P [adc counts]

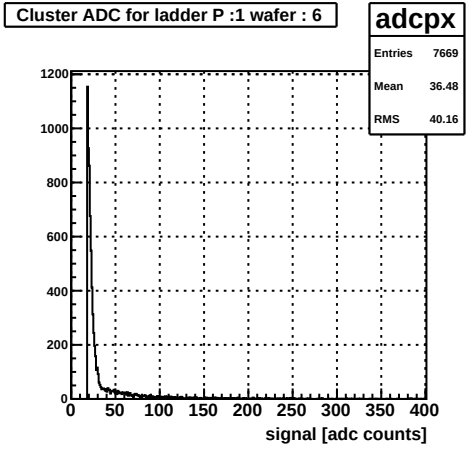

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7985
Mean 39.97
RMS 46.1
signal [adc counts]

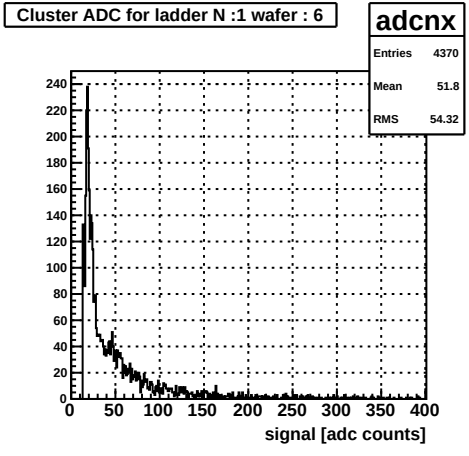

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3828
Mean 46.65
RMS 46.91
signal [adc counts]

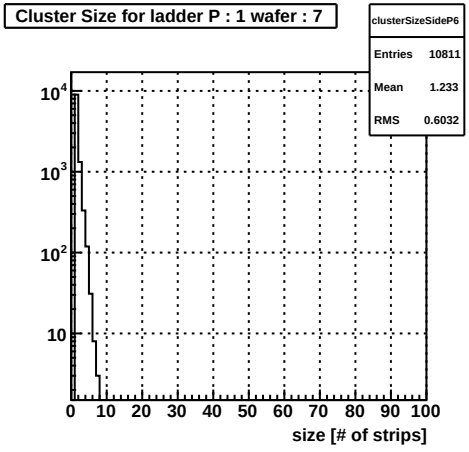

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7669
Mean 1.121
RMS 0.4072
size [# of strips]

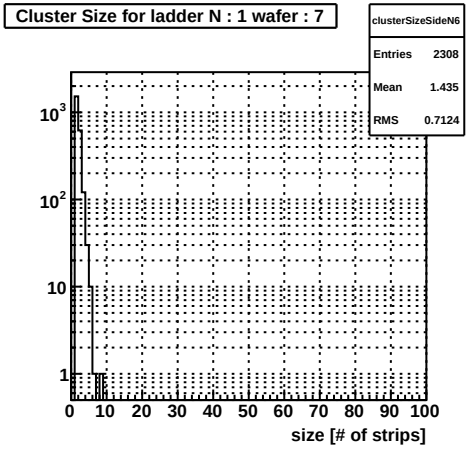

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4370
Mean 1.341
RMS 0.6982
size [# of strips]

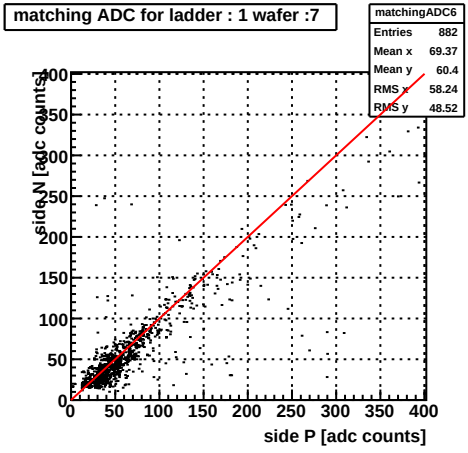

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1540
Mean x 67.27
Mean y 61.88
RMS x 57.79
RMS y 52.41
side N [adc counts]
side P [adc counts]

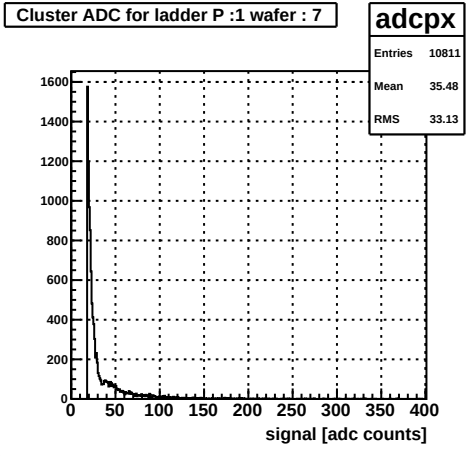

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7669
Mean 36.48
RMS 40.16
signal [adc counts]

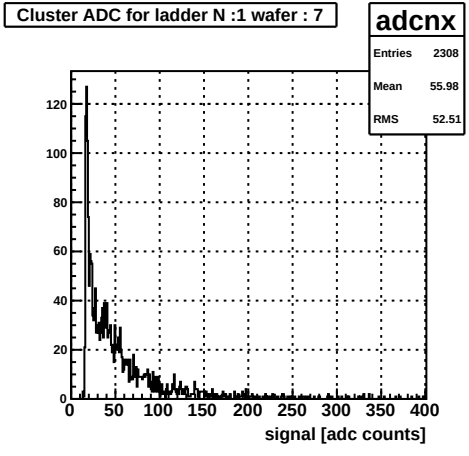

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4370
Mean 51.8
RMS 54.32
signal [adc counts]

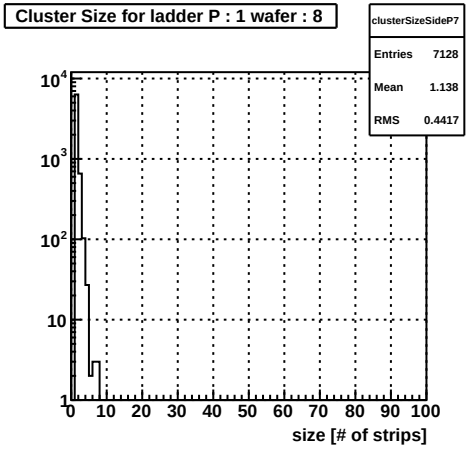

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10811
Mean 1.233
RMS 0.6032
size [# of strips]

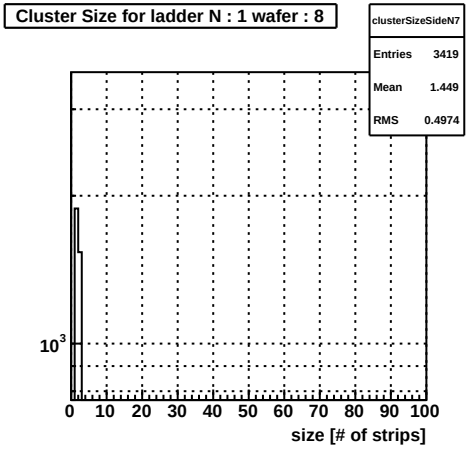

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2308
Mean 1.435
RMS 0.7124
size [# of strips]

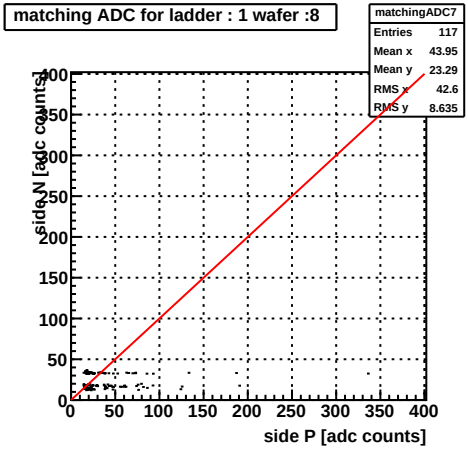

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 882
Mean x 69.37
Mean y 60.4
RMS x 58.24
RMS y 48.52
side N [adc counts]
side P [adc counts]

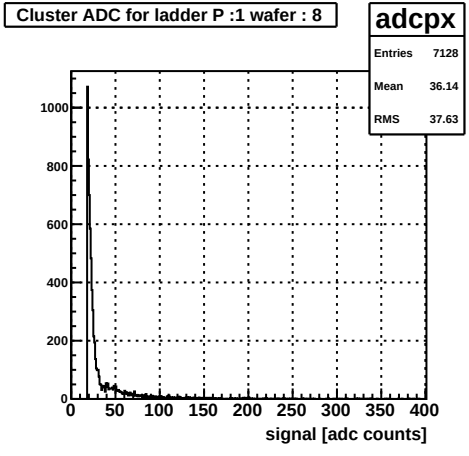

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10811
Mean 35.48
RMS 33.13
signal [adc counts]

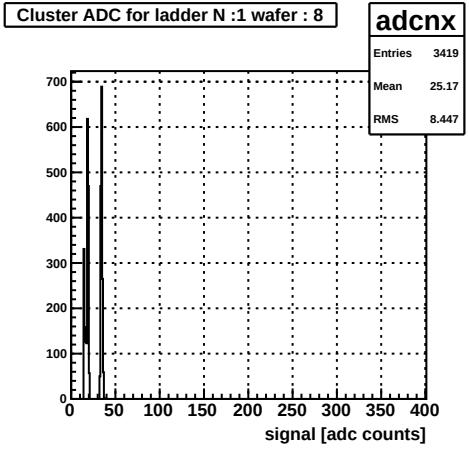

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2308
Mean 55.98
RMS 52.51
signal [adc counts]

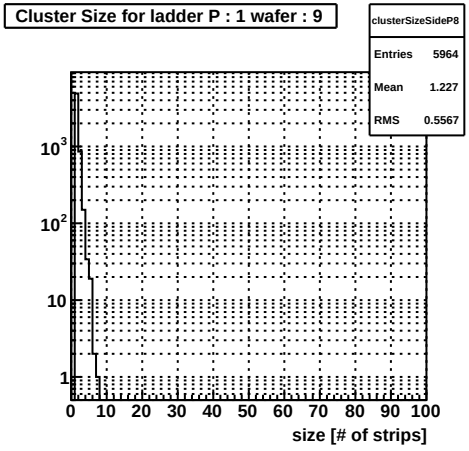

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7128
Mean 1.138
RMS 0.4417
size [# of strips]

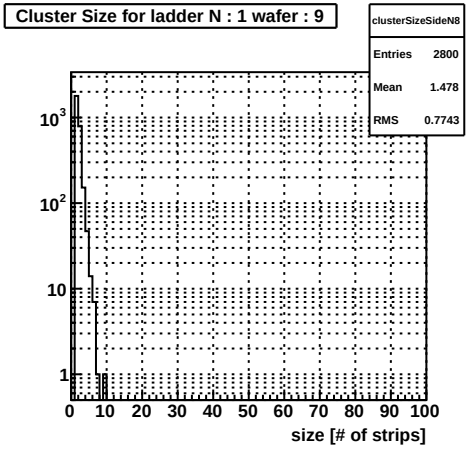

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3419
Mean 1.449
RMS 0.4974
size [# of strips]

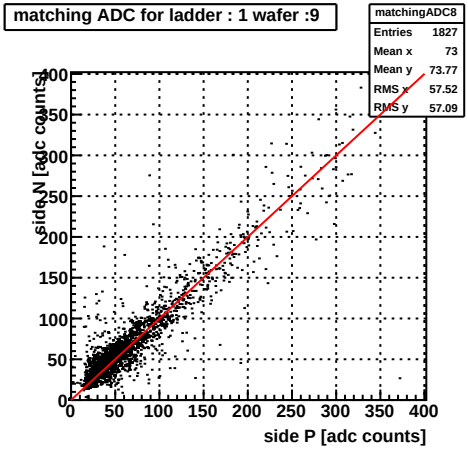

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 117
Mean x 43.95
Mean y 23.29
RMS x 42.6
RMS y 8.635
side N [adc counts]
side P [adc counts]

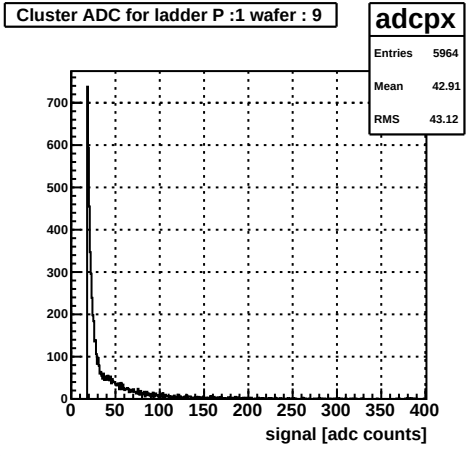

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7128
Mean 36.14
RMS 37.63
signal [adc counts]

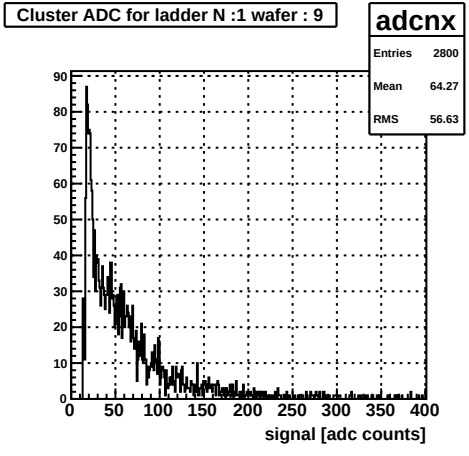

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3419
Mean 25.17
RMS 8.447
signal [adc counts]

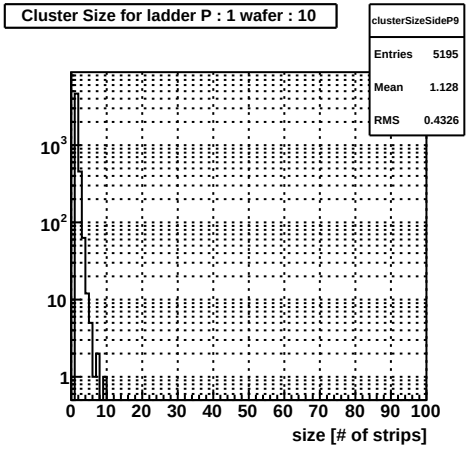

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5964
Mean 1.227
RMS 0.5567
size [# of strips]

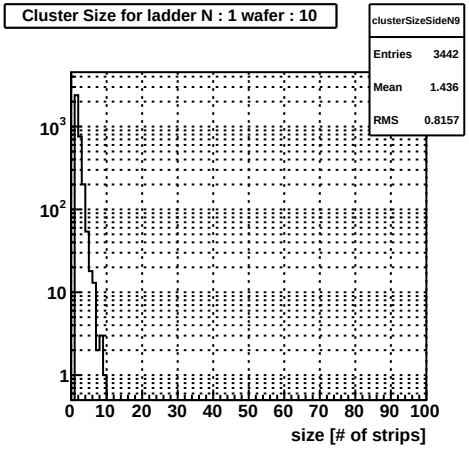

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2800
Mean 1.478
RMS 0.7743
size [# of strips]

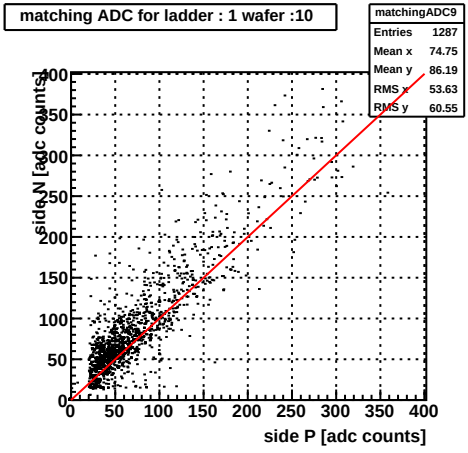

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1827
Mean x 73
Mean y 73.77
RMS x 57.52
RMS y 57.09
side N [adc counts]
side P [adc counts]

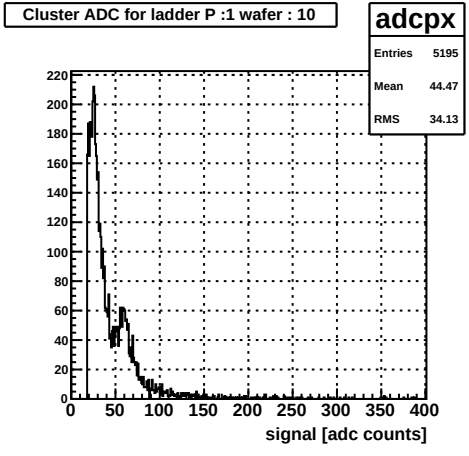

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5964
Mean 42.91
RMS 43.12
signal [adc counts]

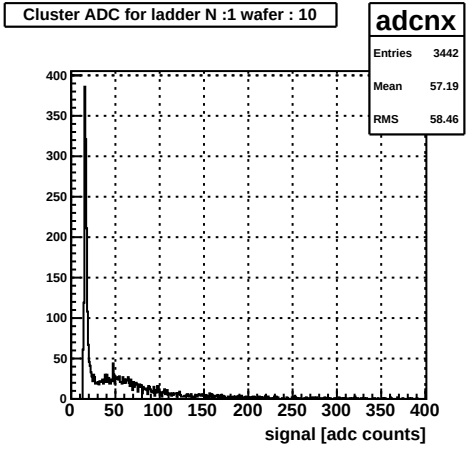

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2800
Mean 64.27
RMS 56.63
signal [adc counts]

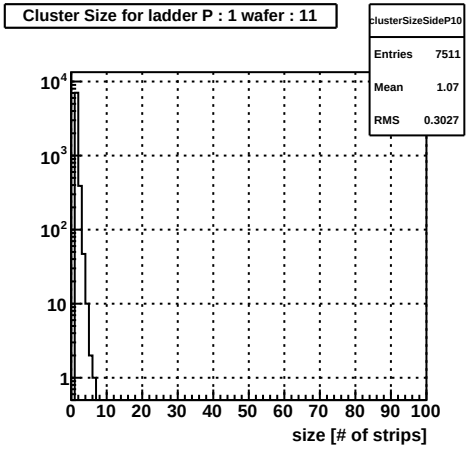

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5195
Mean 1.128
RMS 0.4326
size [# of strips]

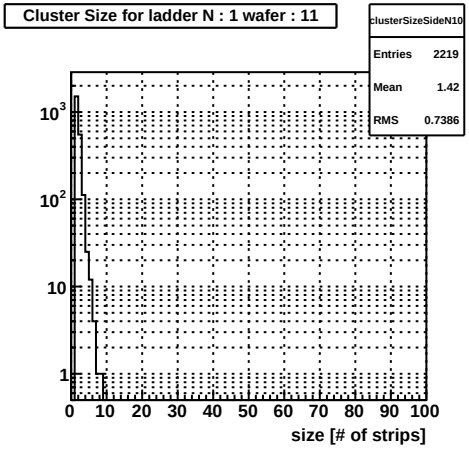

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3442
Mean 1.436
RMS 0.8157
size [# of strips]

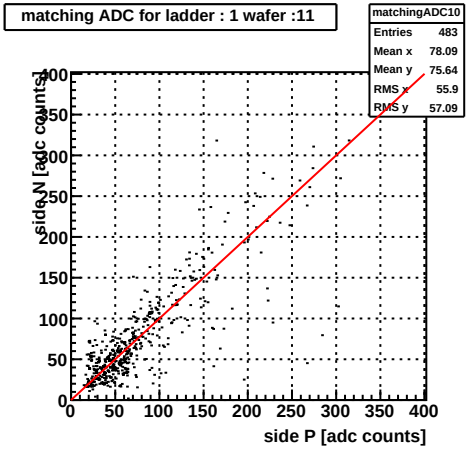

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1287
Mean x 74.75
Mean y 86.19
RMS x 53.63
RMS y 60.55
side N [adc counts]
side P [adc counts]

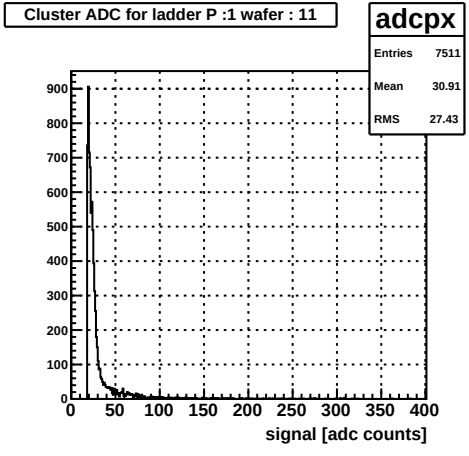

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5195
Mean 44.47
RMS 34.13
signal [adc counts]

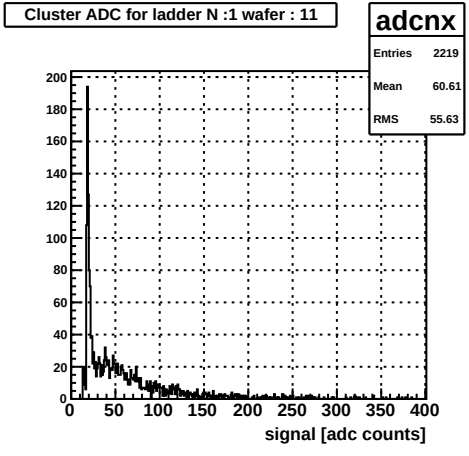

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3442
Mean 57.19
RMS 58.46
signal [adc counts]

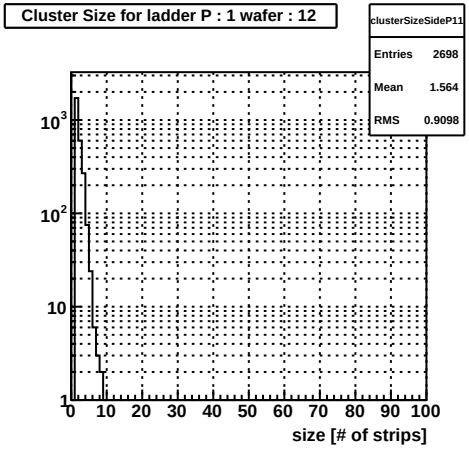

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7511
Mean 1.07
RMS 0.3027
size [# of strips]

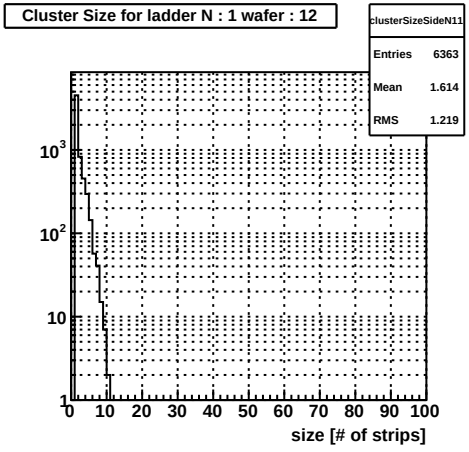

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2219
Mean 1.42
RMS 0.7386
size [# of strips]

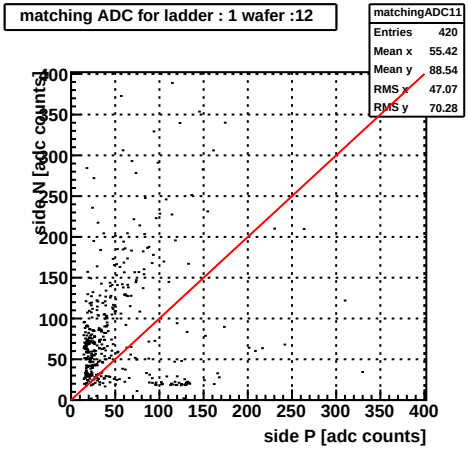

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 483
Mean x 78.09
Mean y 75.64
RMS x 55.9
RMS y 57.09
side N [adc counts]
side P [adc counts]

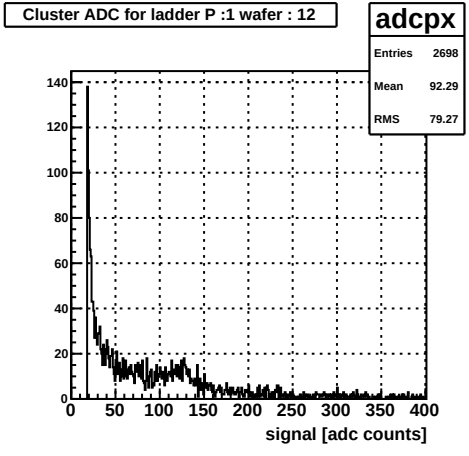

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7511
Mean 30.91
RMS 27.43
signal [adc counts]

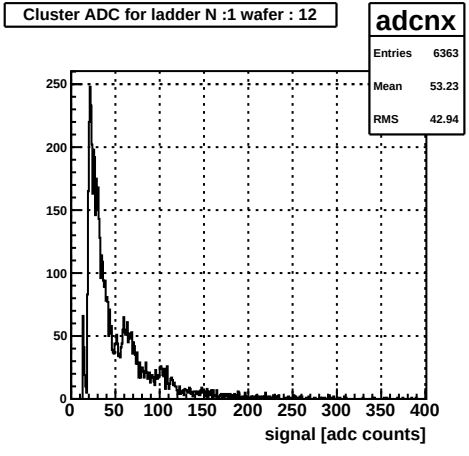

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2219
Mean 60.61
RMS 55.63
signal [adc counts]

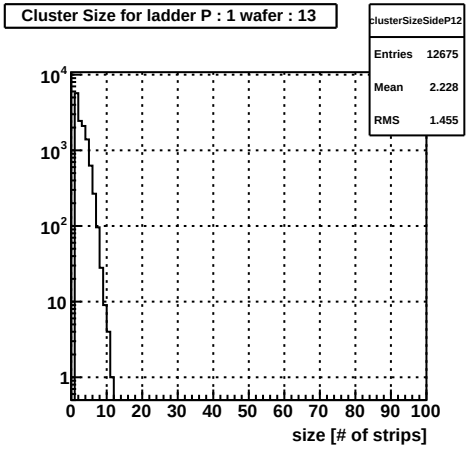

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2698
Mean 1.564
RMS 0.9098
size [# of strips]

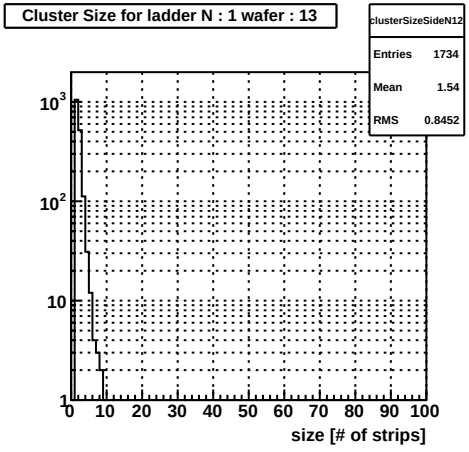

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6363
Mean 1.614
RMS 1.219
size [# of strips]

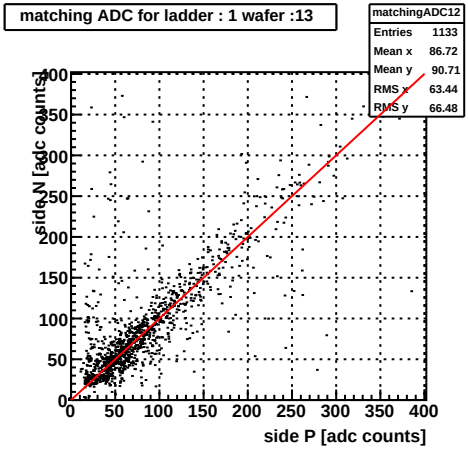

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 420
Mean x 55.42
Mean y 88.54
RMS x 47.07
RMS y 70.28
side N [adc counts]
side P [adc counts]

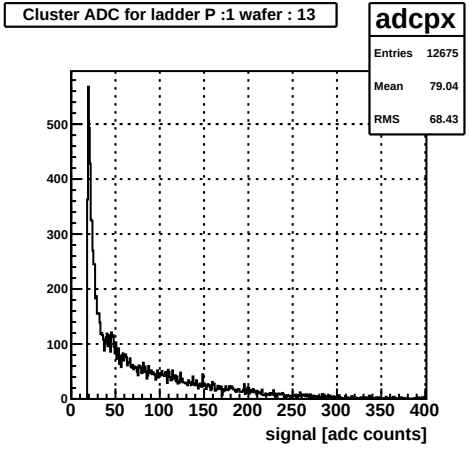

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2698
Mean 92.29
RMS 79.27
signal [adc counts]

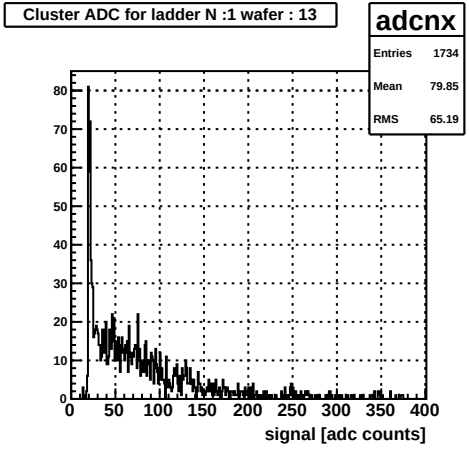

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6363
Mean 53.23
RMS 42.94
signal [adc counts]

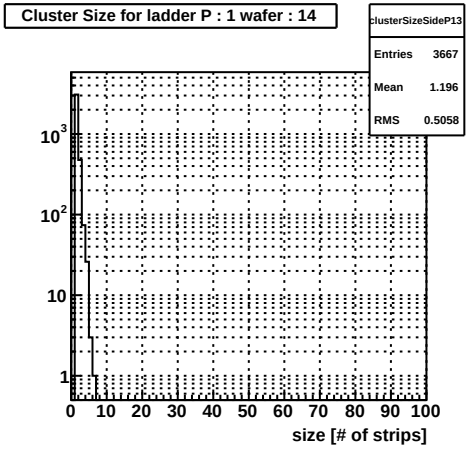

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12675
Mean 2.228
RMS 1.455
size [# of strips]

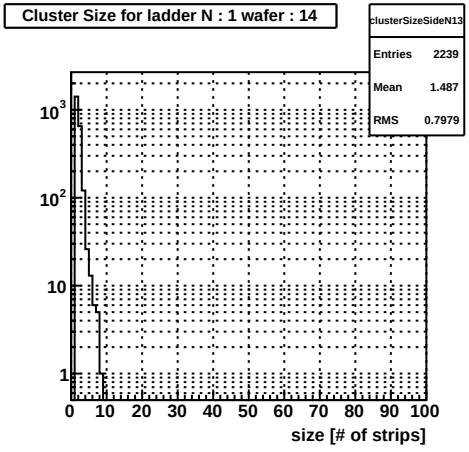

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1734
Mean 1.54
RMS 0.8452
size [# of strips]

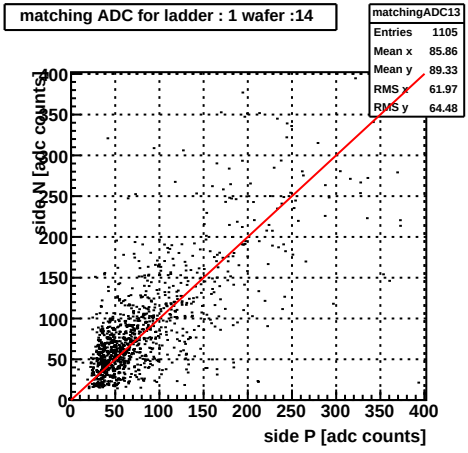

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1133
Mean x 86.72
Mean y 90.71
RMS x 63.44
RMS y 66.48
side N [adc counts]
side P [adc counts]

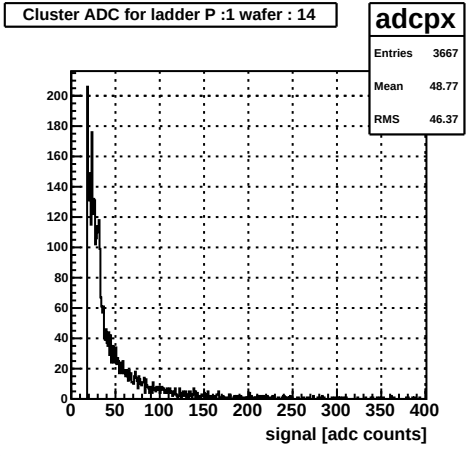

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12675
Mean 79.04
RMS 68.43
signal [adc counts]

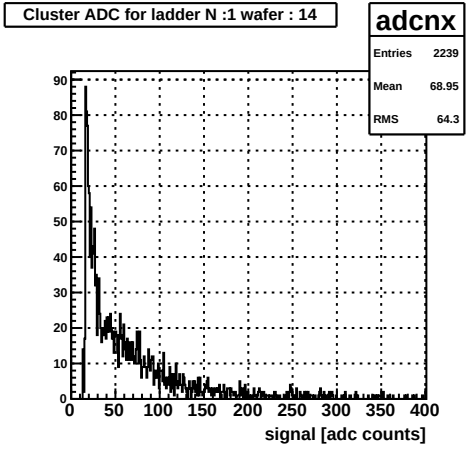

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1734
Mean 79.85
RMS 65.19
signal [adc counts]

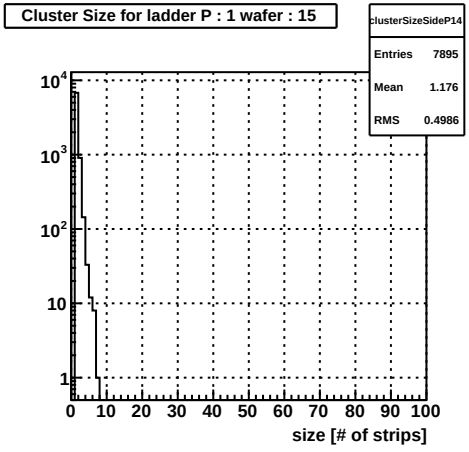

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3667
Mean 1.196
RMS 0.5058
size [# of strips]

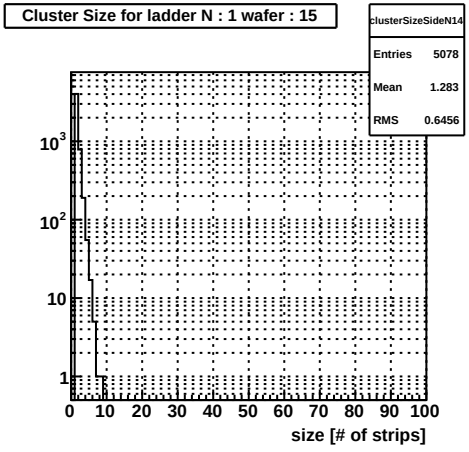

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2239
Mean 1.487
RMS 0.7979
size [# of strips]

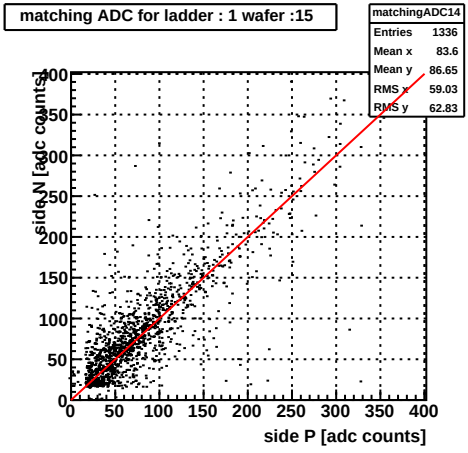

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1105
Mean x 85.86
Mean y 89.33
RMS x 61.97
RMS y 64.48
side N [adc counts]
side P [adc counts]

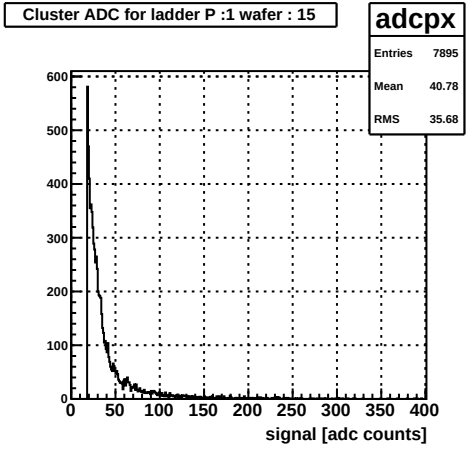

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3667
Mean 48.77
RMS 46.37
signal [adc counts]

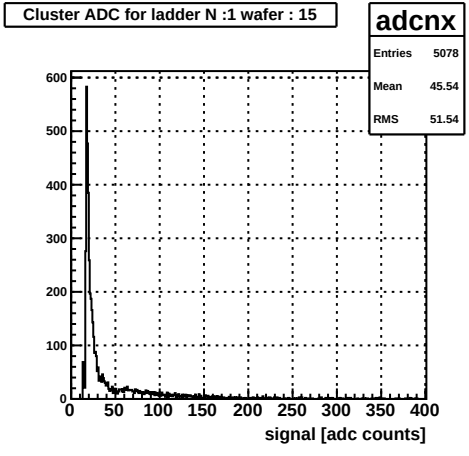

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2239
Mean 68.95
RMS 64.3
signal [adc counts]

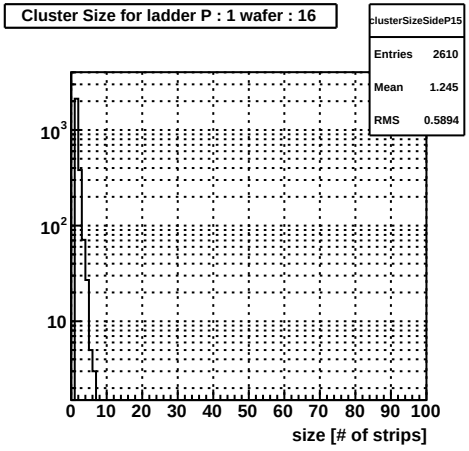

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7895
Mean 1.176
RMS 0.4986
size [# of strips]

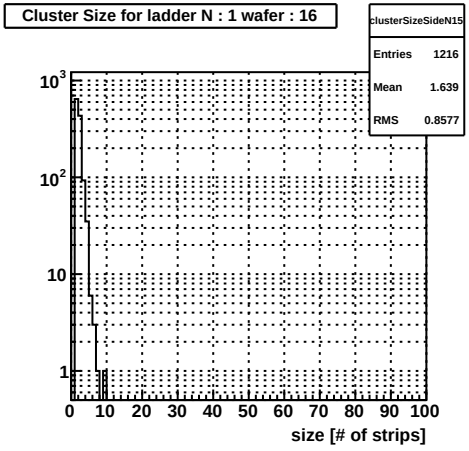

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5078
Mean 1.283
RMS 0.6456
size [# of strips]

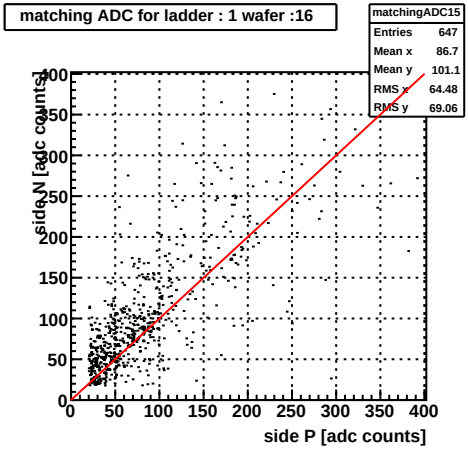

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1336
Mean x 83.6
Mean y 86.65
RMS x 59.03
RMS y 62.83
side N [adc counts]
side P [adc counts]

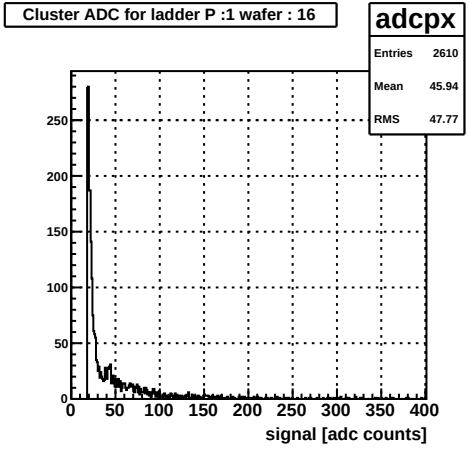

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7895
Mean 40.78
RMS 35.68
signal [adc counts]

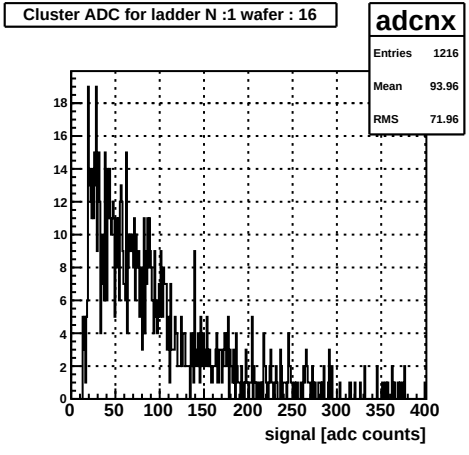

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5078
Mean 45.54
RMS 51.54
signal [adc counts]

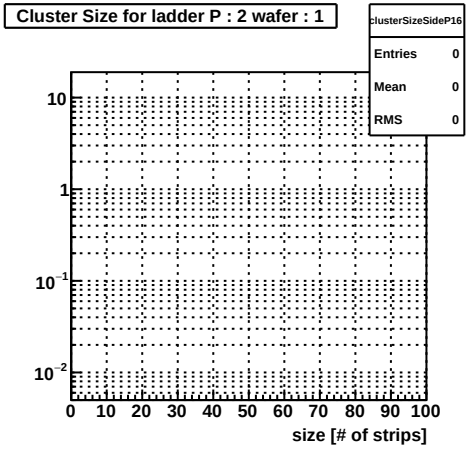

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2610
Mean 1.245
RMS 0.5894
size [# of strips]

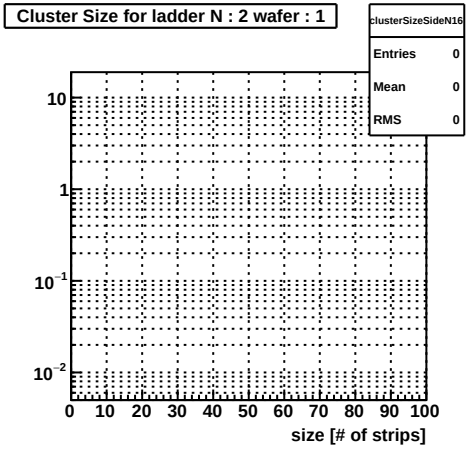

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1216
Mean 1.639
RMS 0.8577
size [# of strips]

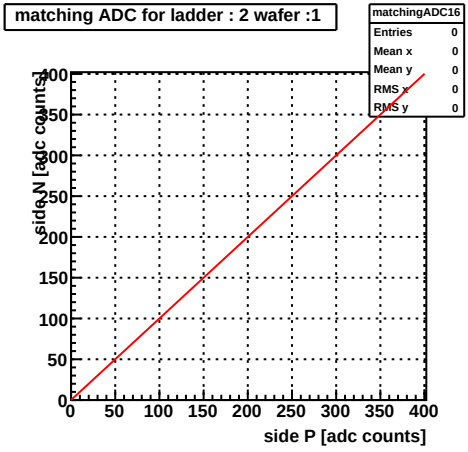

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 647
Mean x 86.7
Mean y 101.1
RMS x 64.48
RMS y 69.06
side N [adc counts]
side P [adc counts]

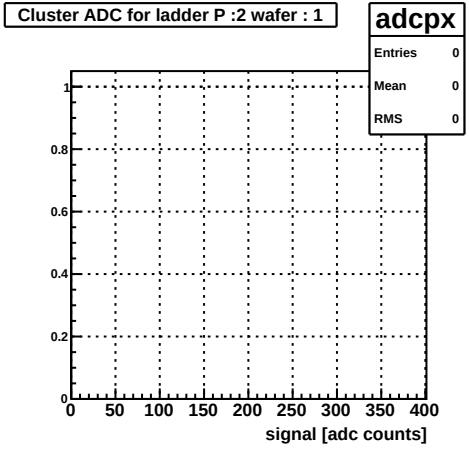

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2610
Mean 45.94
RMS 47.77
signal [adc counts]

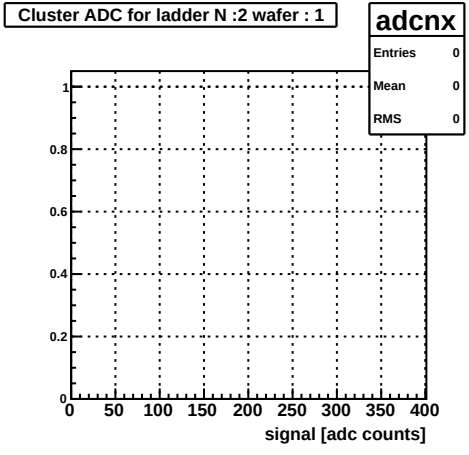

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1216
Mean 93.96
RMS 71.96
signal [adc counts]

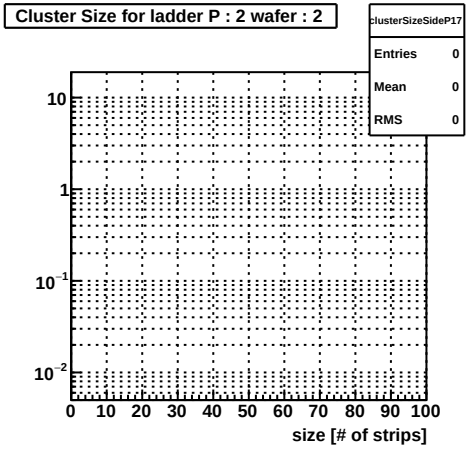

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

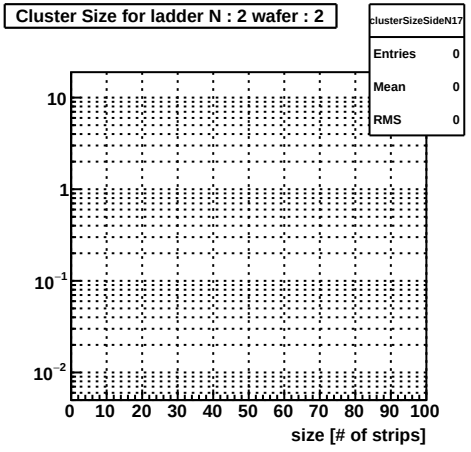

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

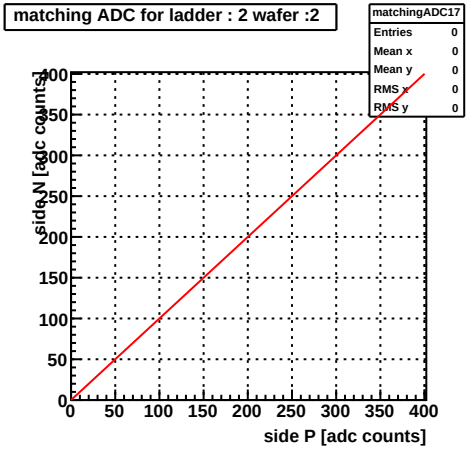

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

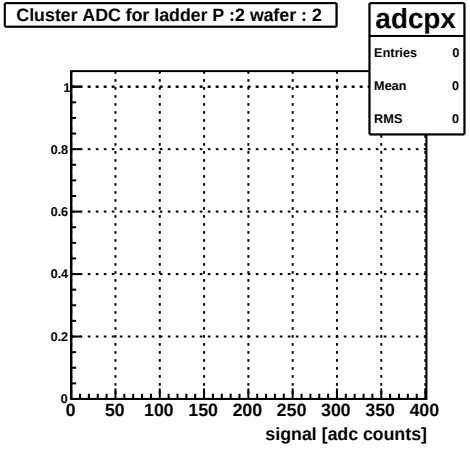

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

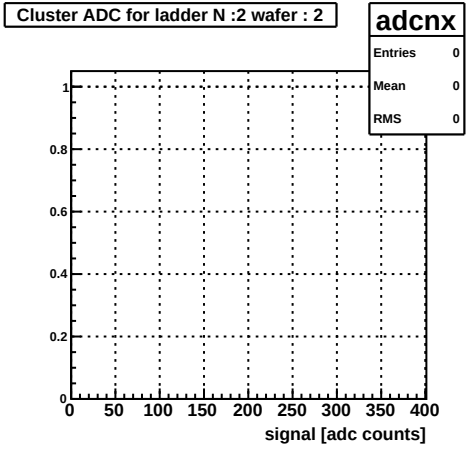

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

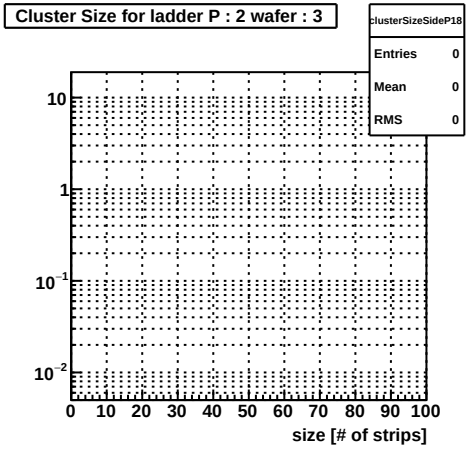

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

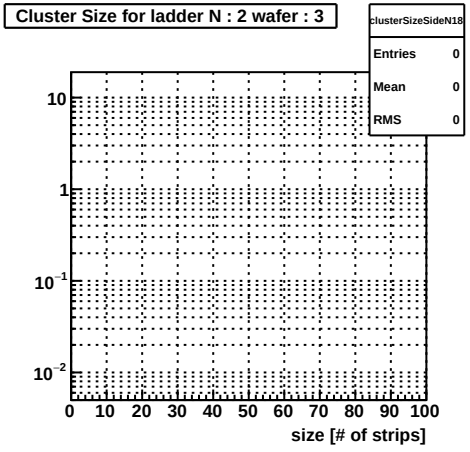

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

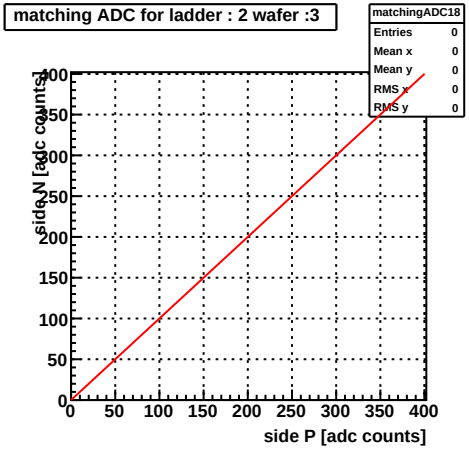

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

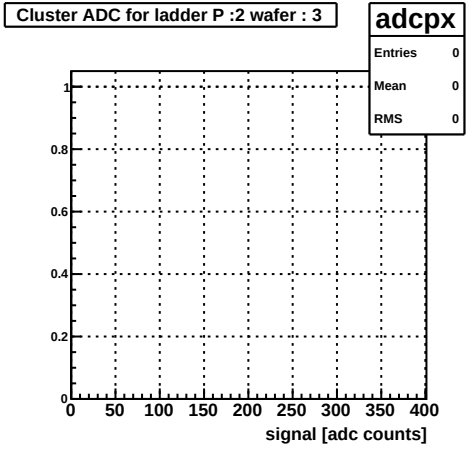

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

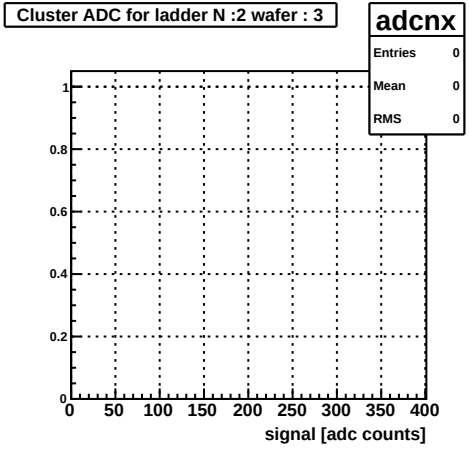

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

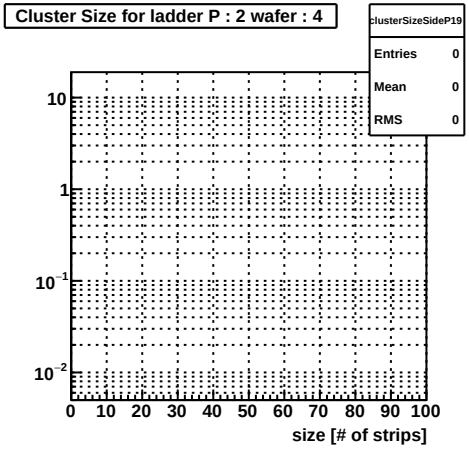

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

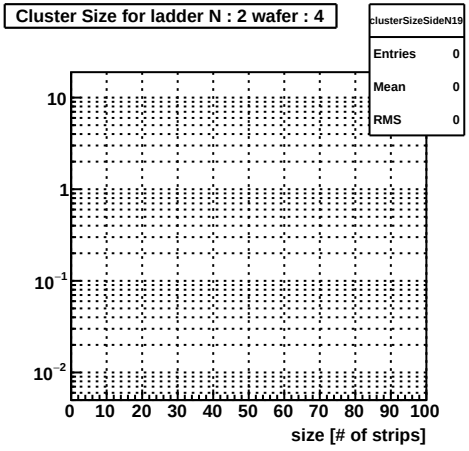

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

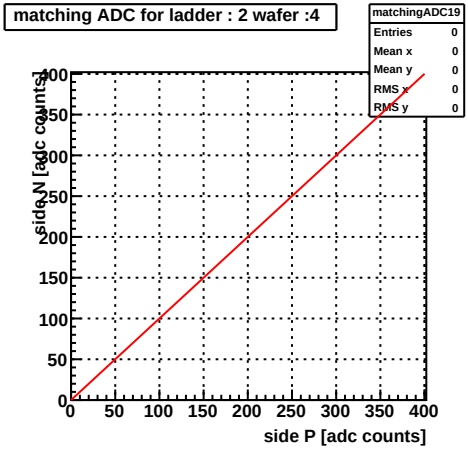

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

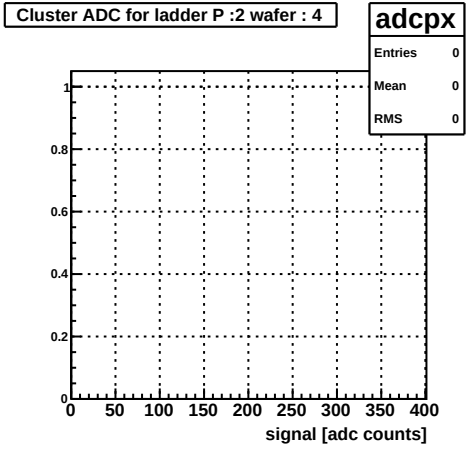

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

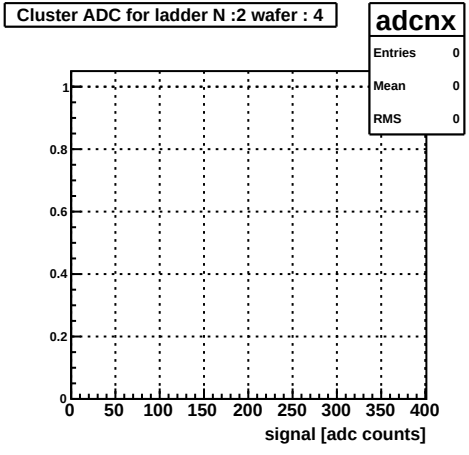

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

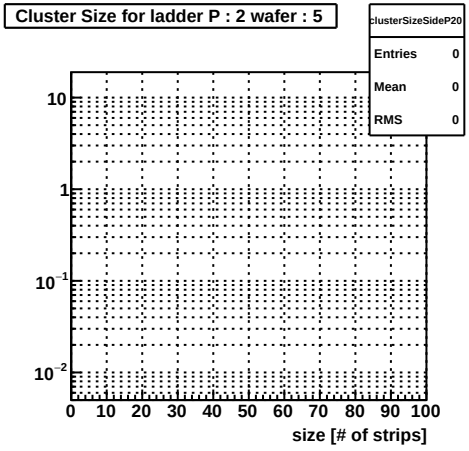

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

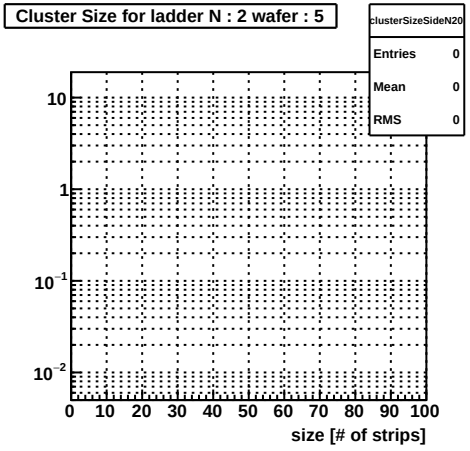

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

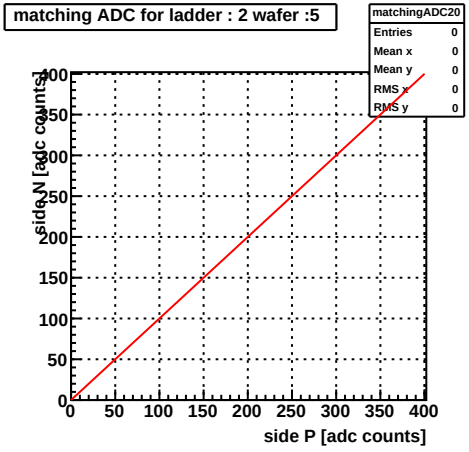

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

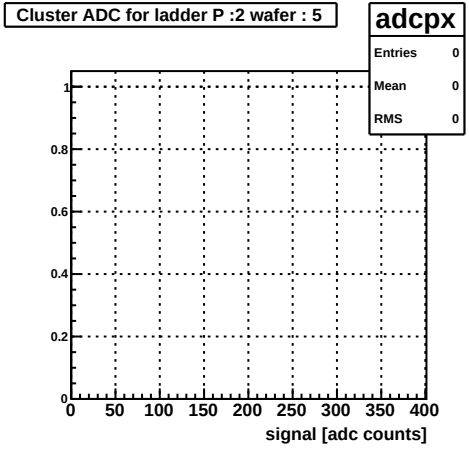

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

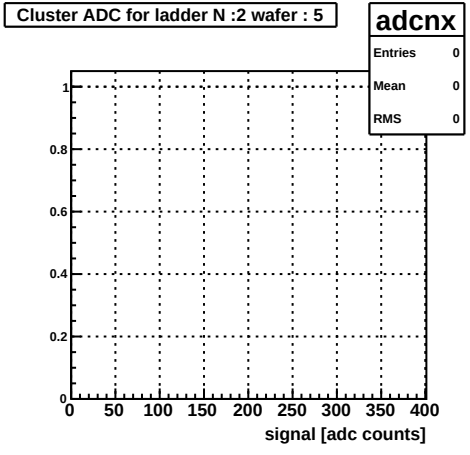

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

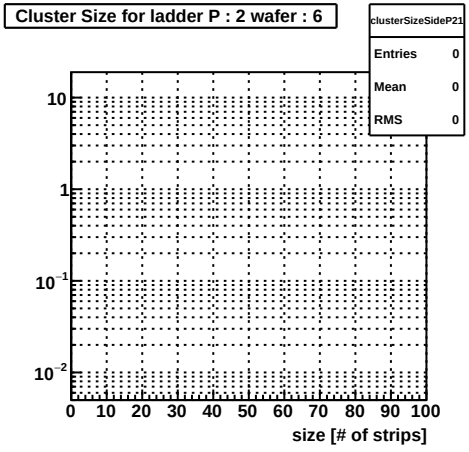

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

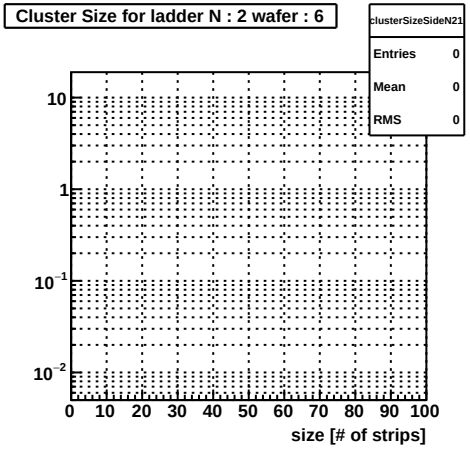

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

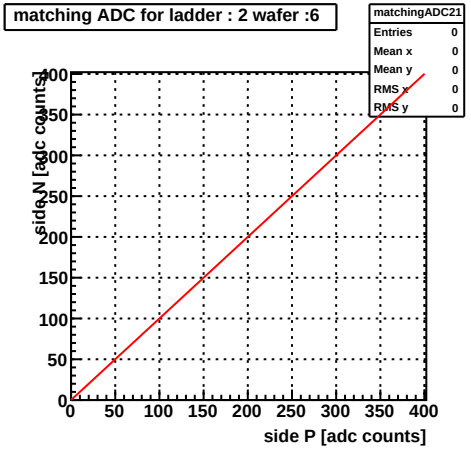

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

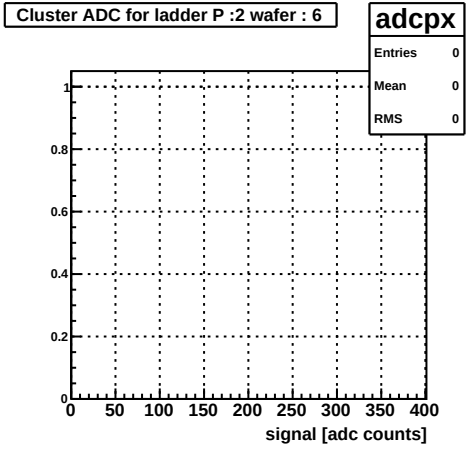

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

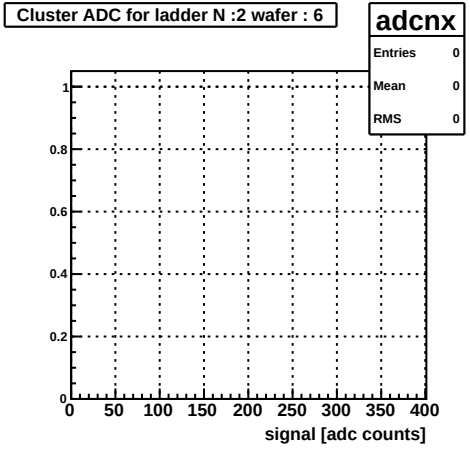

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

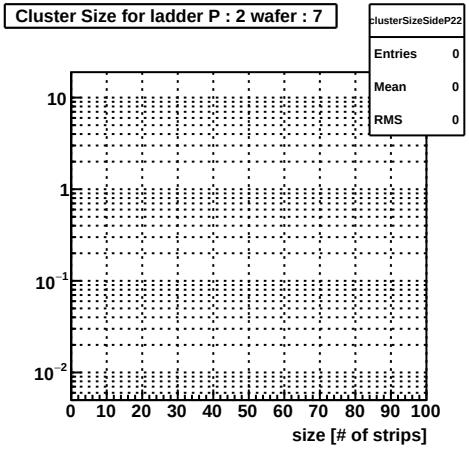

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

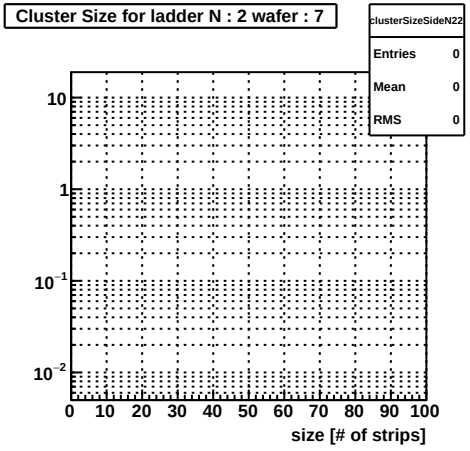

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

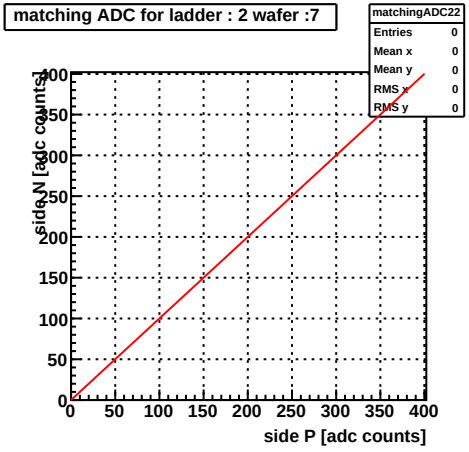

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

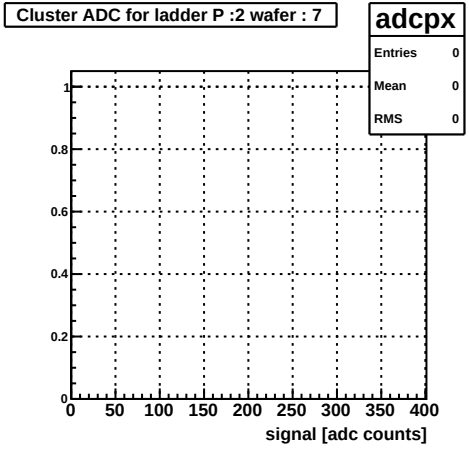

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

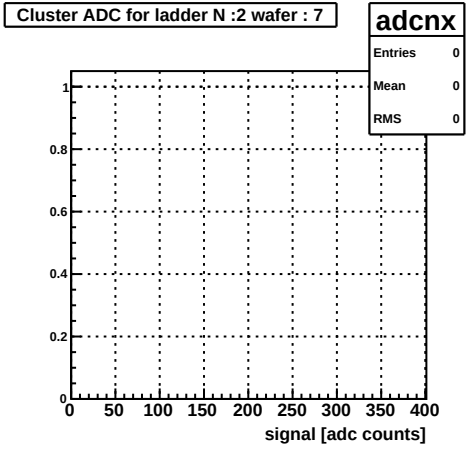

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

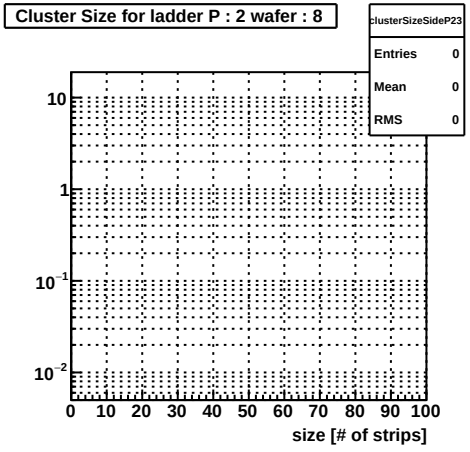

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

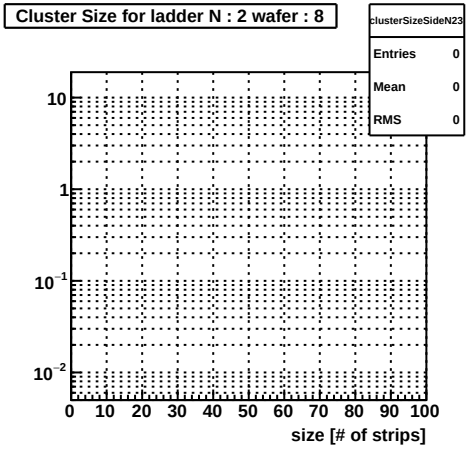

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

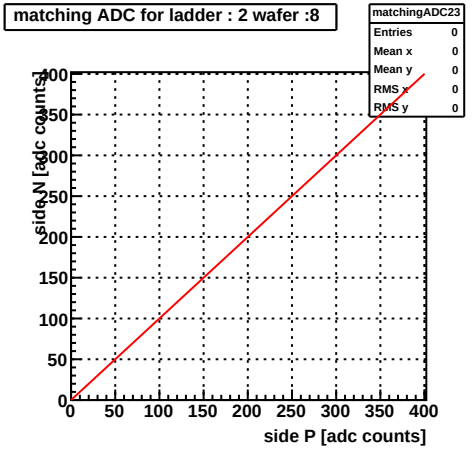

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

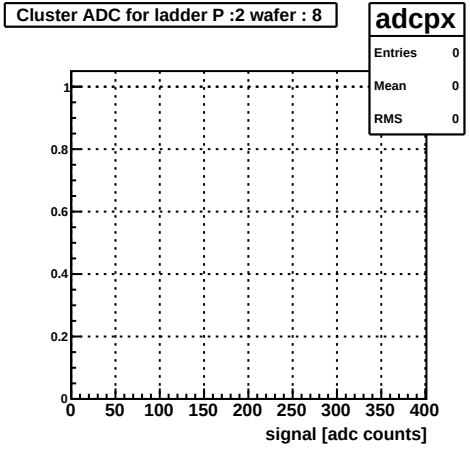

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

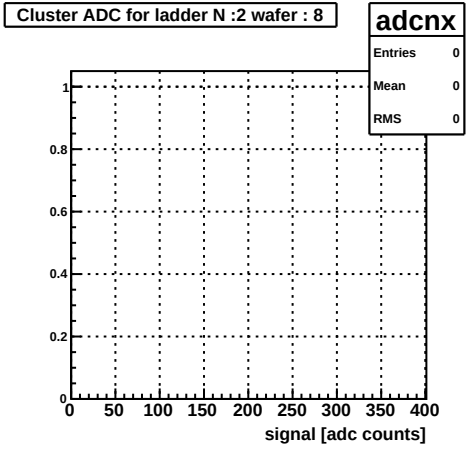

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

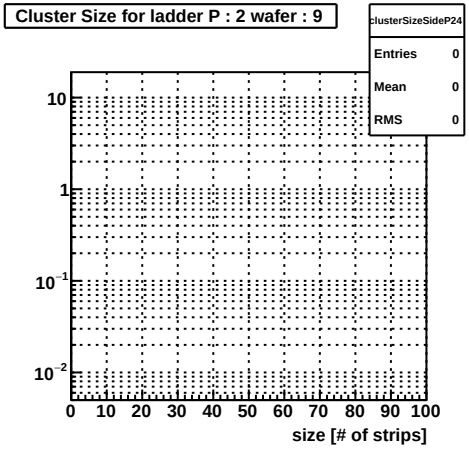

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

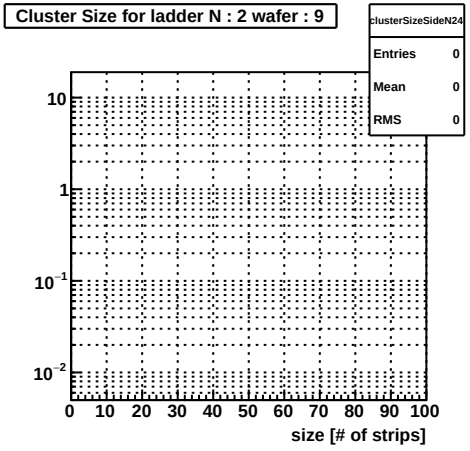

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

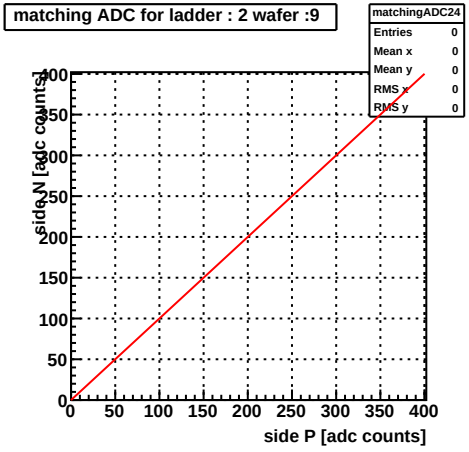

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

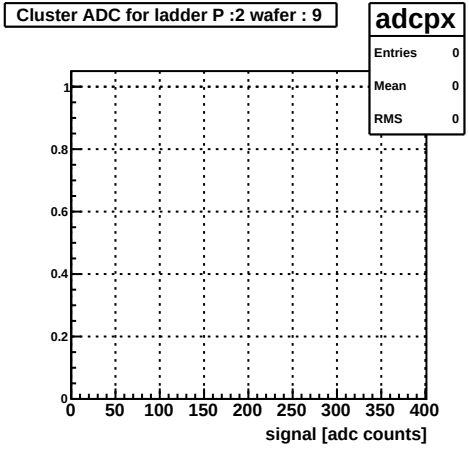

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

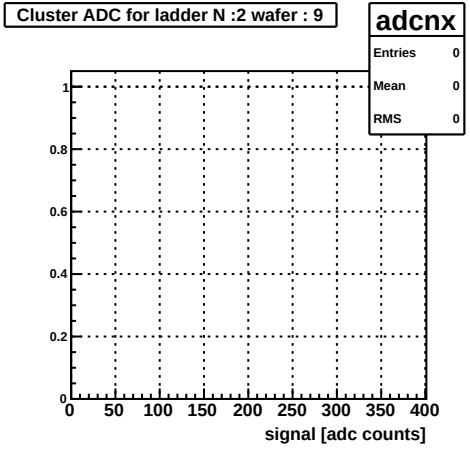

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

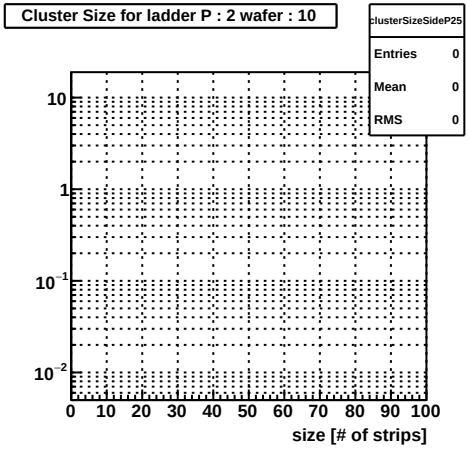

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

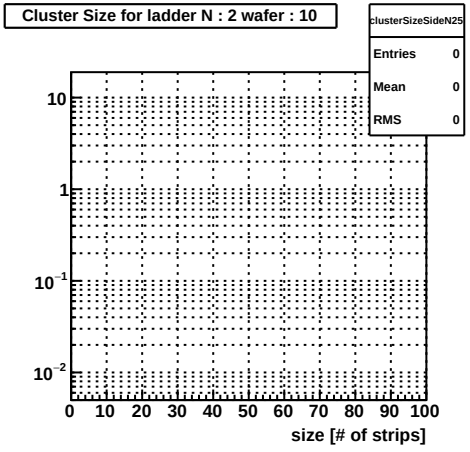

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

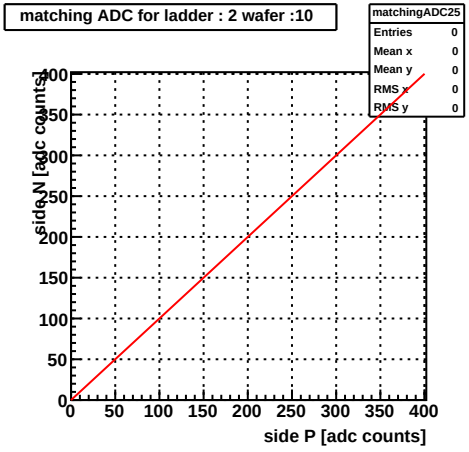

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

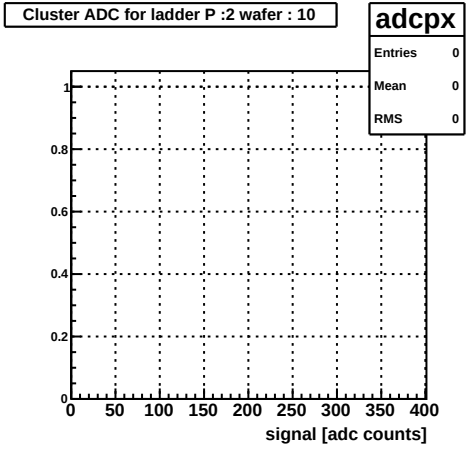

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

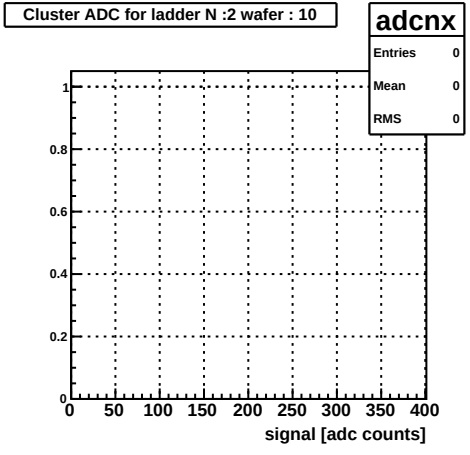

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

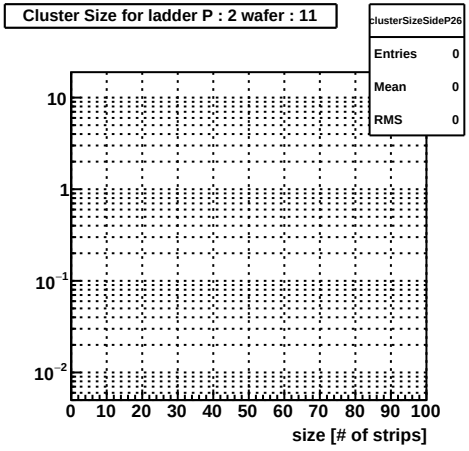

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

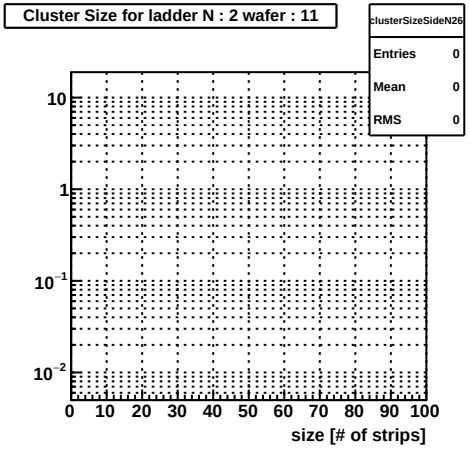

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

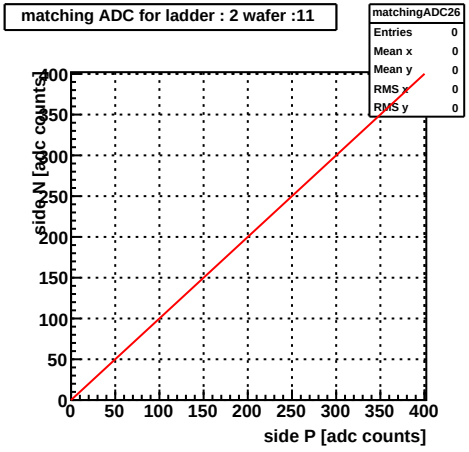

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

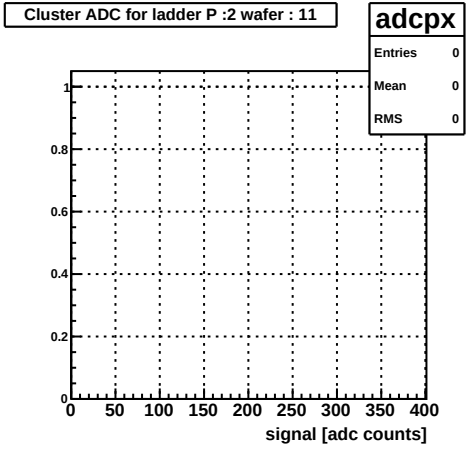

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

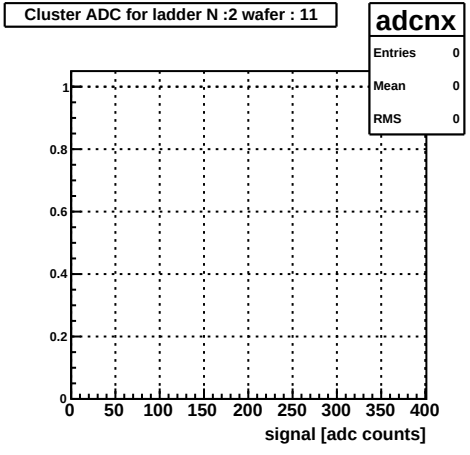

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

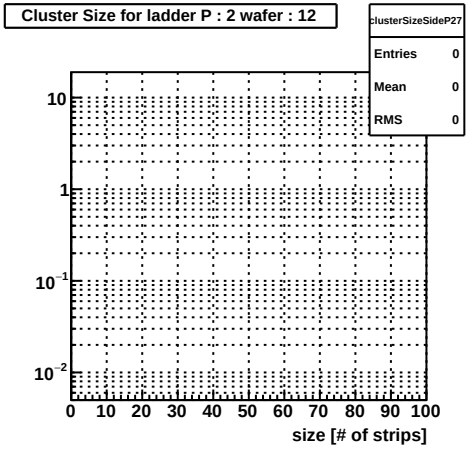

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

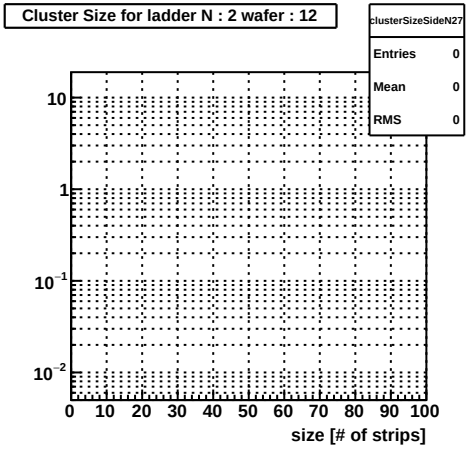

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

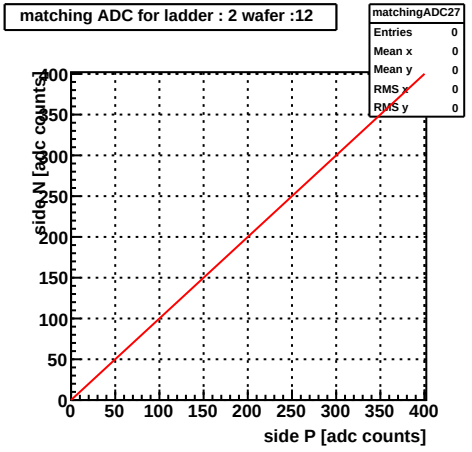

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

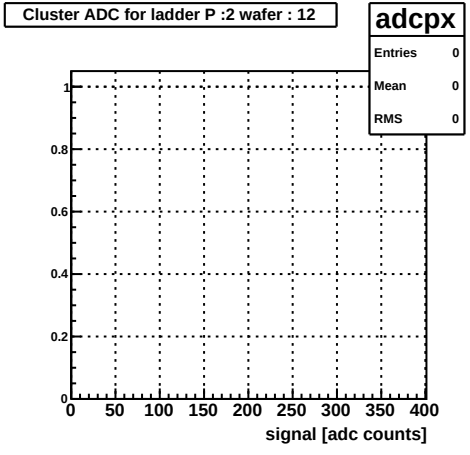

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

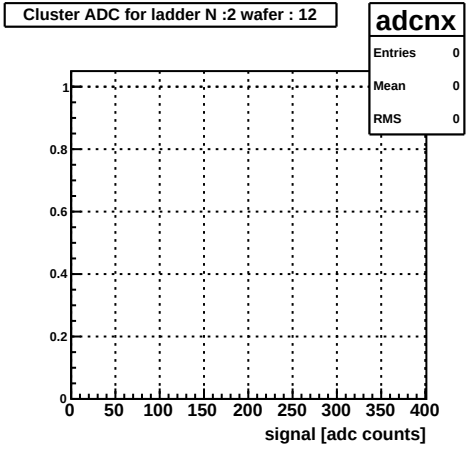

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

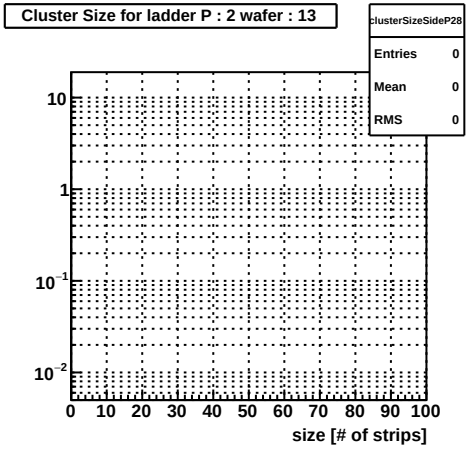

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

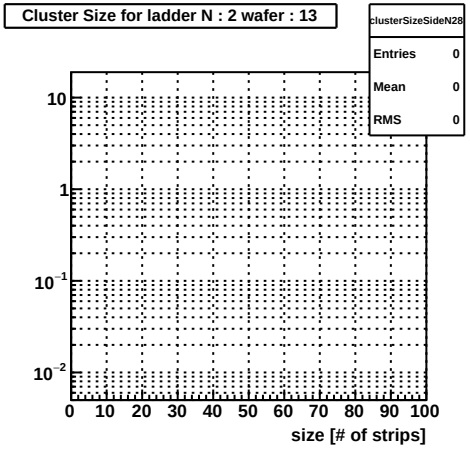

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

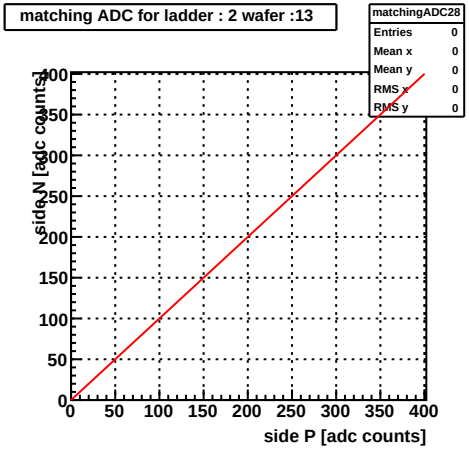

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

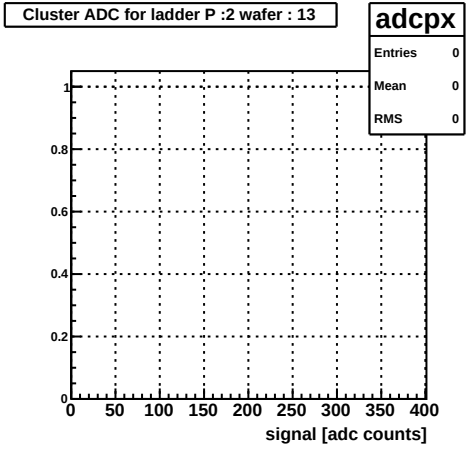

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

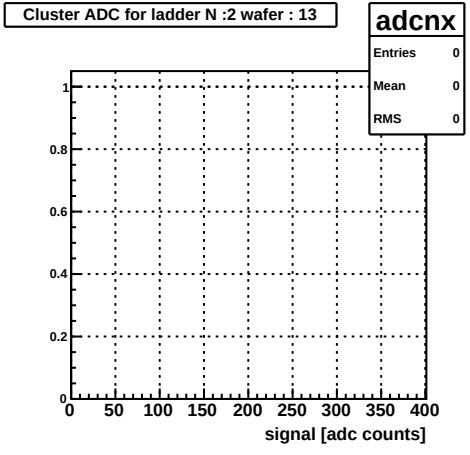

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

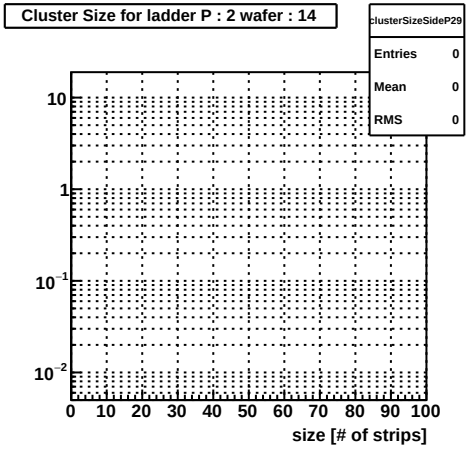

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

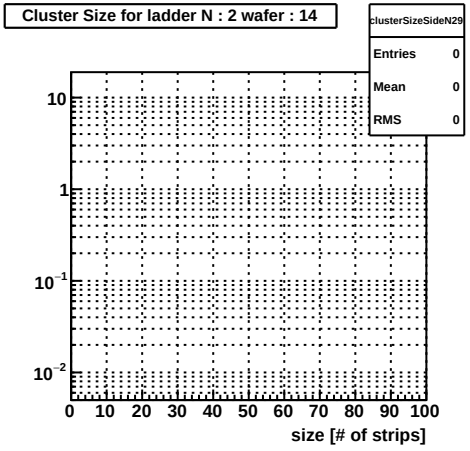

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

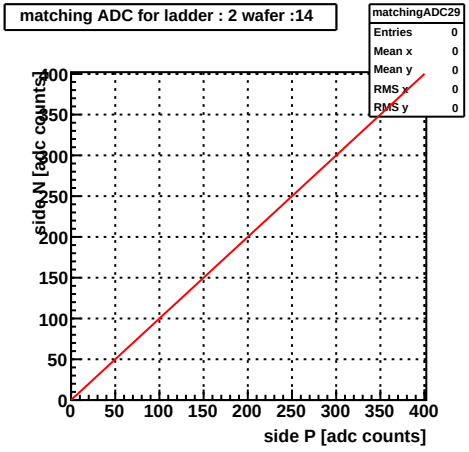

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

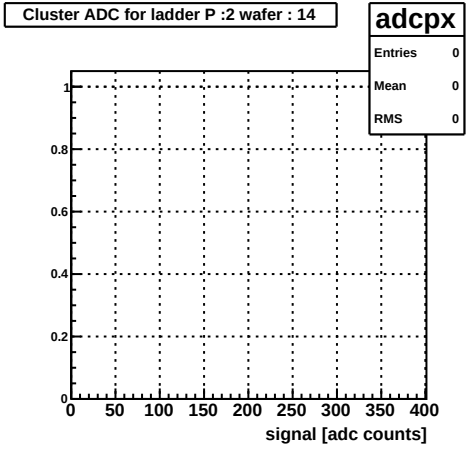

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

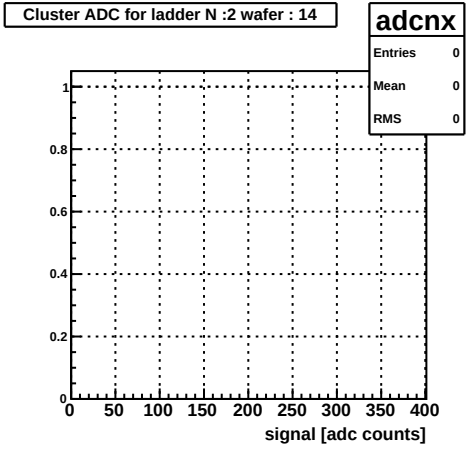

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

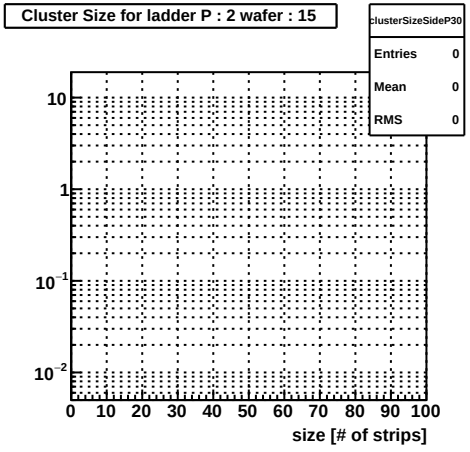

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

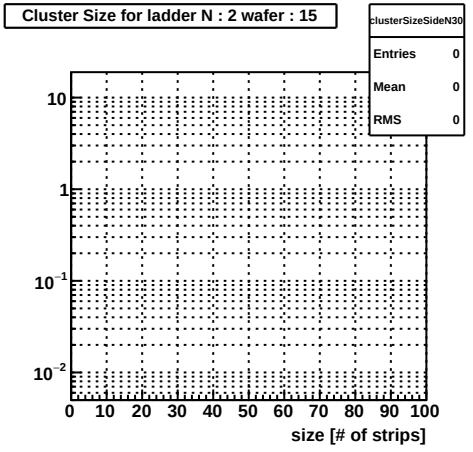

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

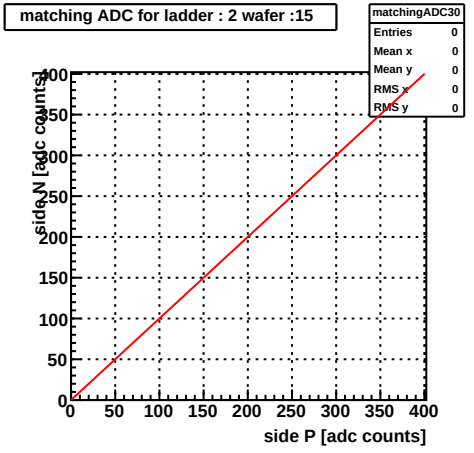

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

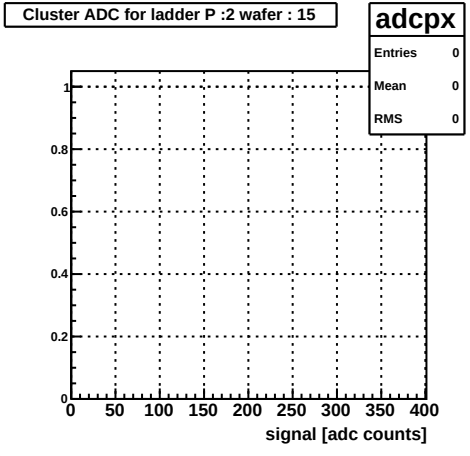

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

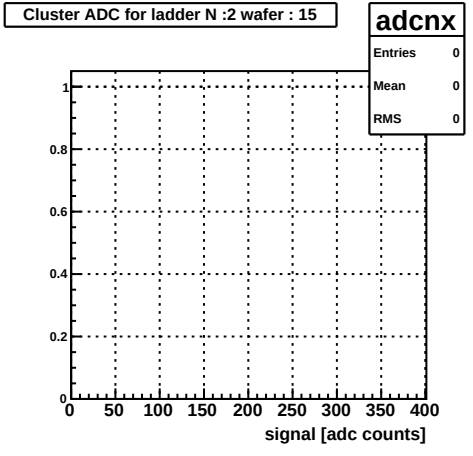

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

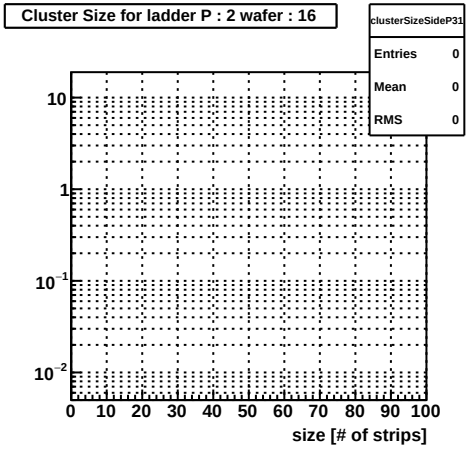

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

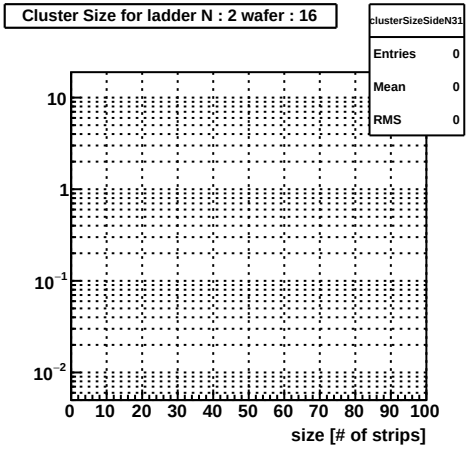

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

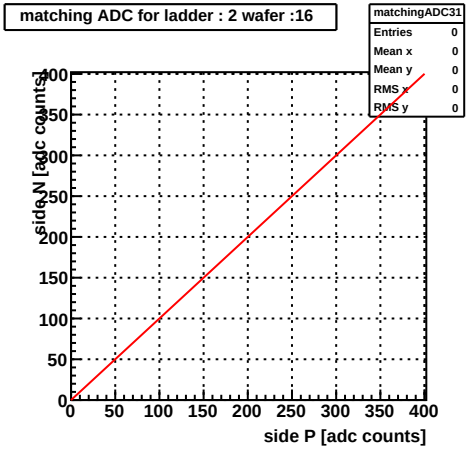

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

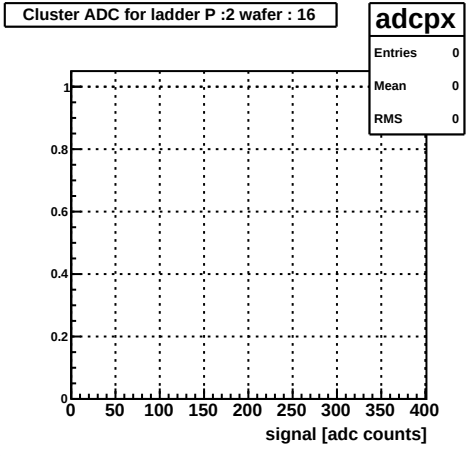

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

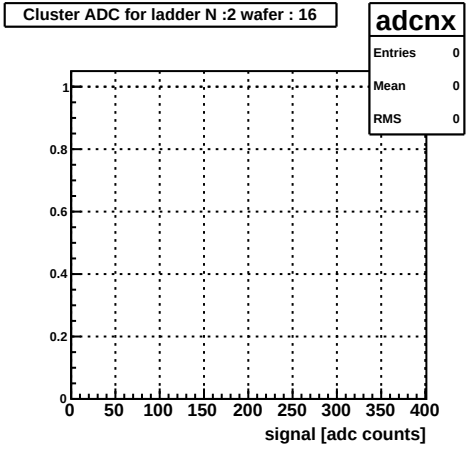

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

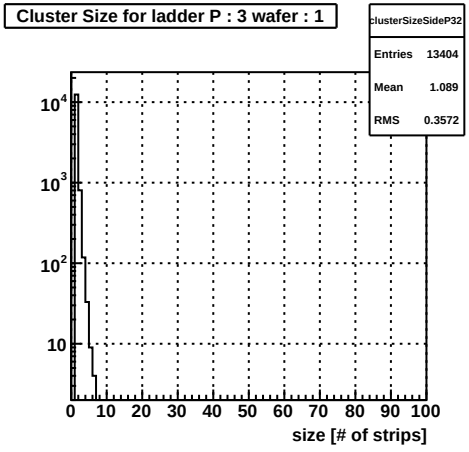

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

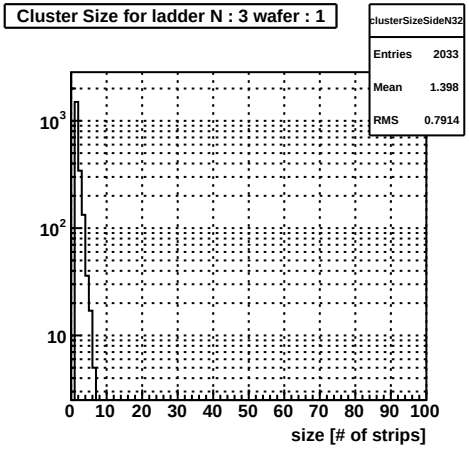

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

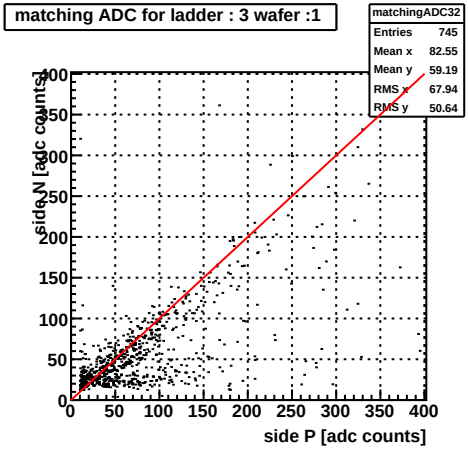

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

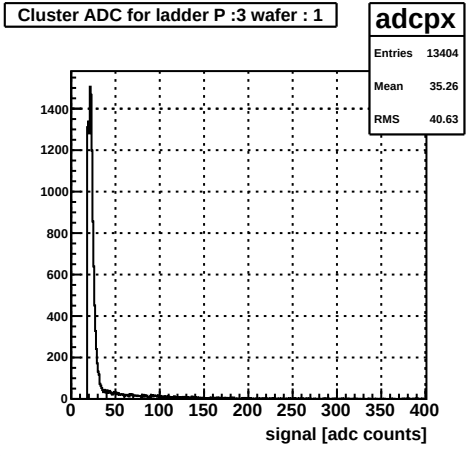

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

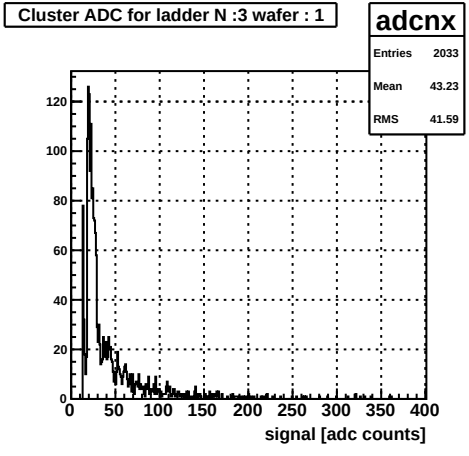

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

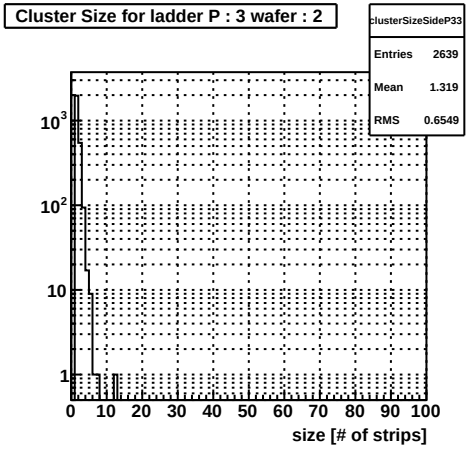

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13404
Mean 1.089
RMS 0.3572
size [# of strips]

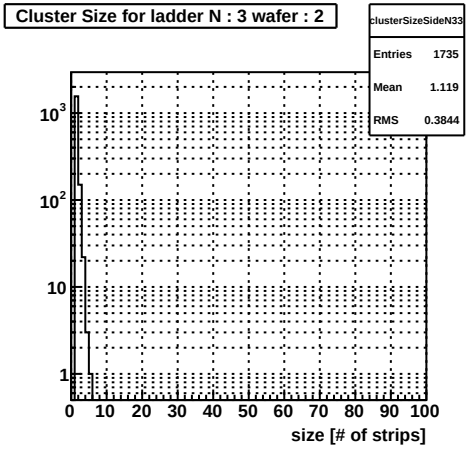

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2033
Mean 1.398
RMS 0.7914
size [# of strips]

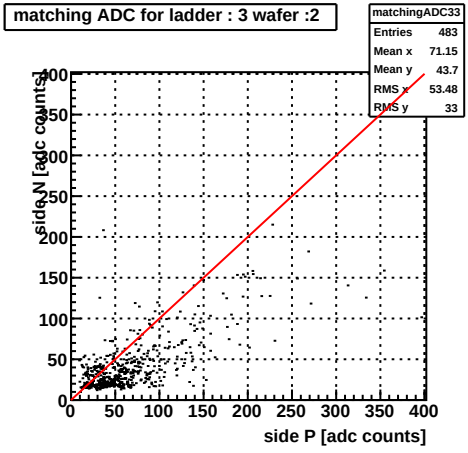

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 745
Mean x 82.55
Mean y 59.19
RMS x 67.94
RMS y 50.64
side N [adc counts]
side P [adc counts]

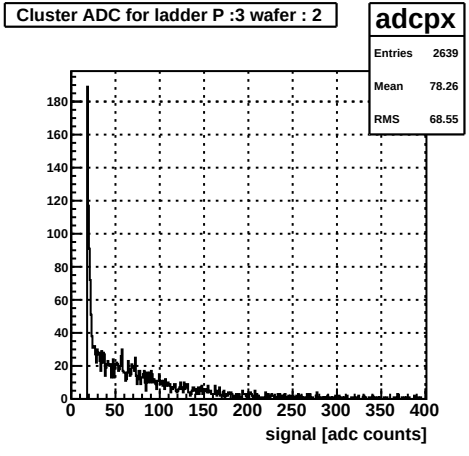

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13404
Mean 35.26
RMS 40.63
signal [adc counts]

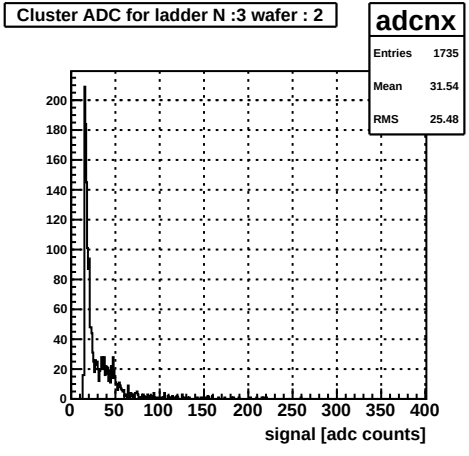

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2033
Mean 43.23
RMS 41.59
signal [adc counts]

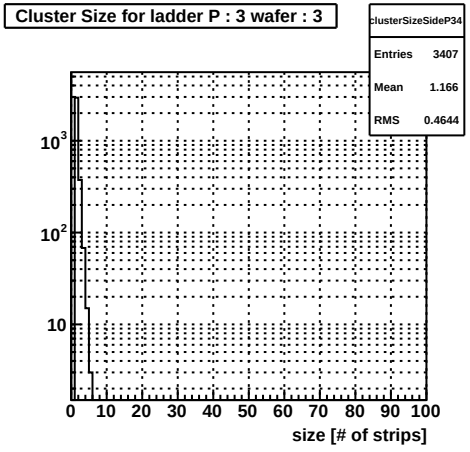

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2639
Mean 1.319
RMS 0.6549
size [# of strips]

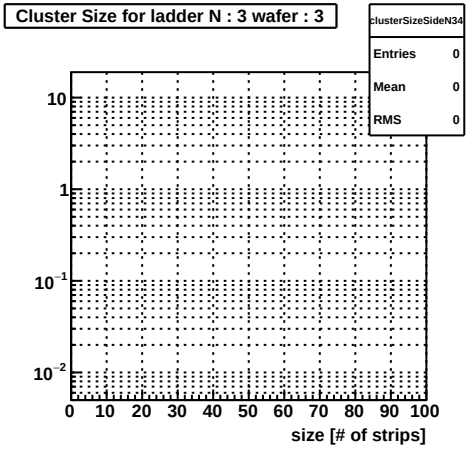

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1735
Mean 1.119
RMS 0.3844
size [# of strips]

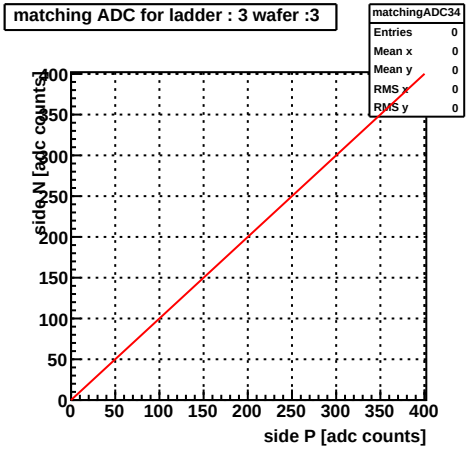

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 483
Mean x 71.15
Mean y 43.7
RMS x 53.48
RMS y 33
side N [adc counts]
side P [adc counts]

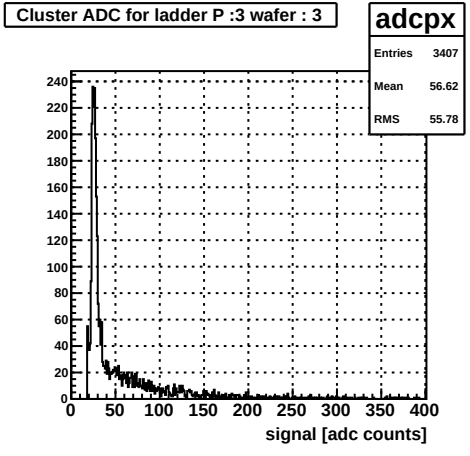

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2639
Mean 78.26
RMS 68.55
signal [adc counts]

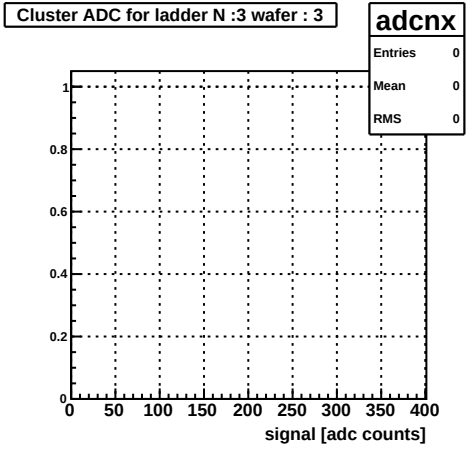

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1735
Mean 31.54
RMS 25.48
signal [adc counts]

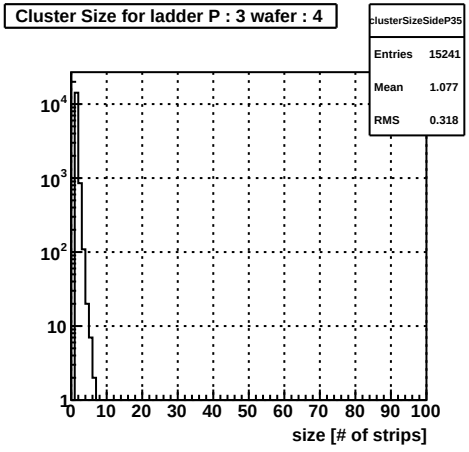

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3407
Mean 1.166
RMS 0.4644
size [# of strips]

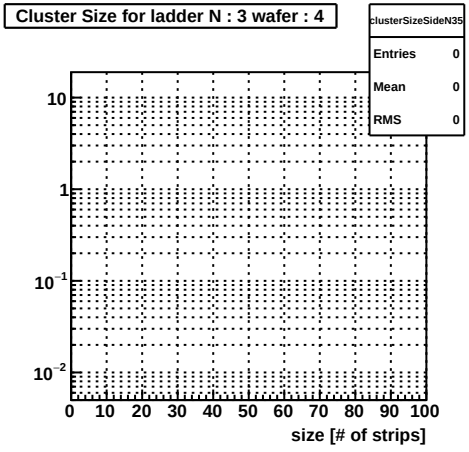

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

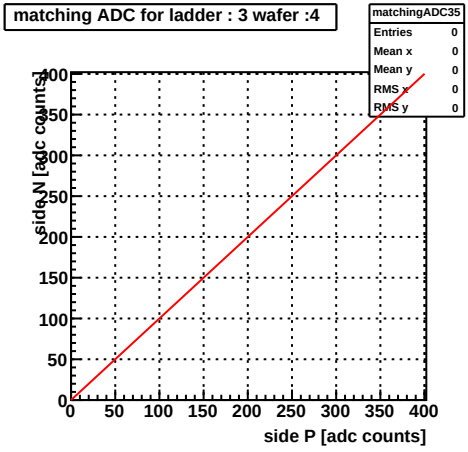

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

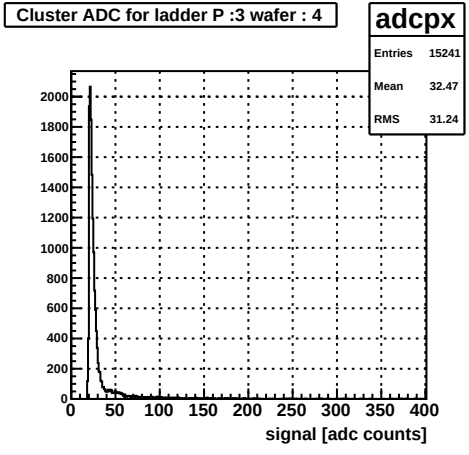

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3407
Mean 56.62
RMS 55.78
signal [adc counts]

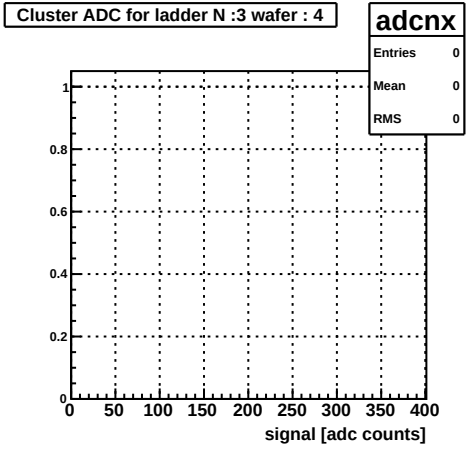

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

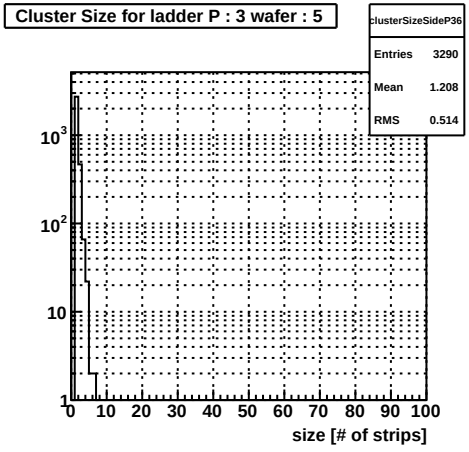

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15241
Mean 1.077
RMS 0.318
size [# of strips]

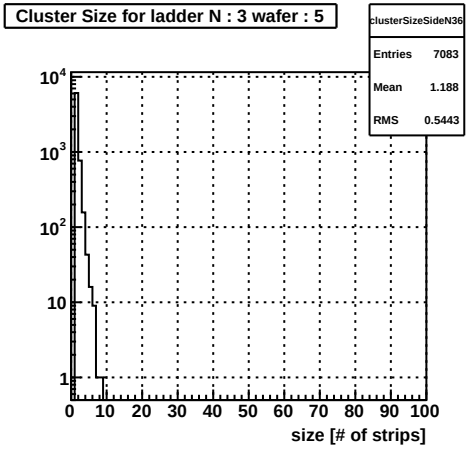

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

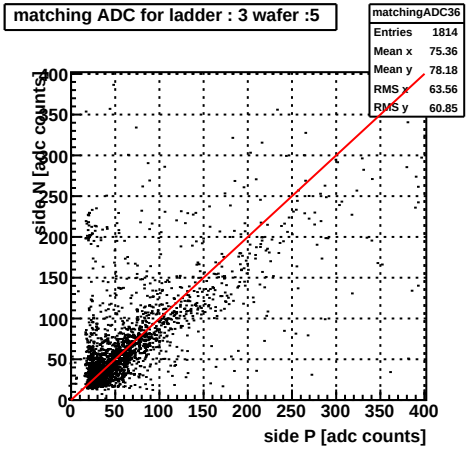

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

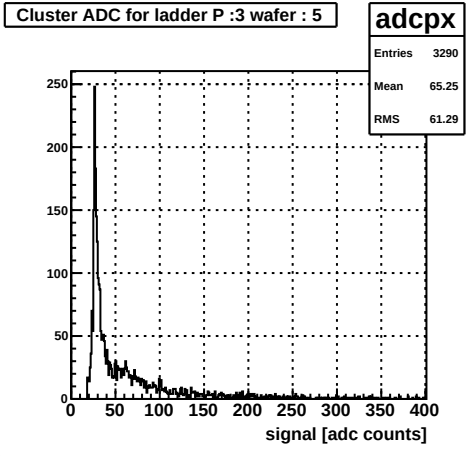

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15241
Mean 32.47
RMS 31.24
signal [adc counts]

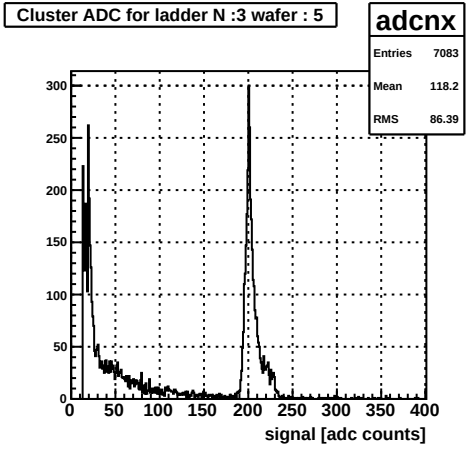

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

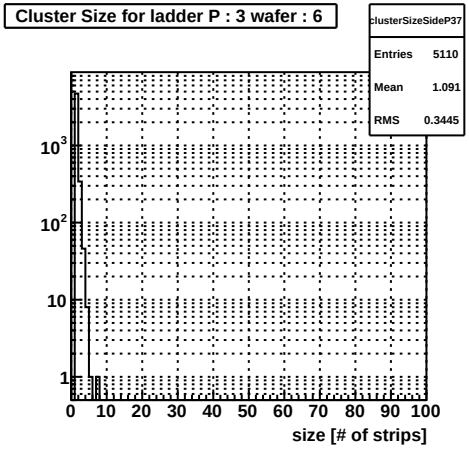

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3290
Mean 1.208
RMS 0.514
size [# of strips]

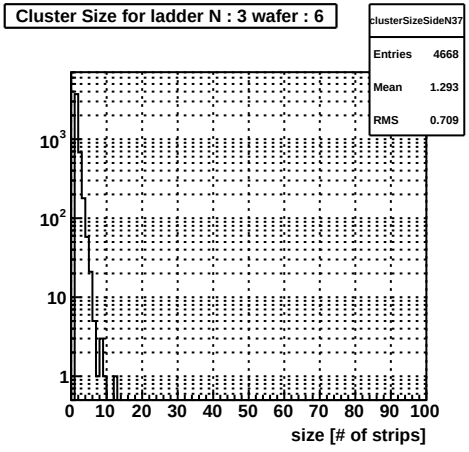

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 7083
Mean 1.188
RMS 0.5443
size [# of strips]

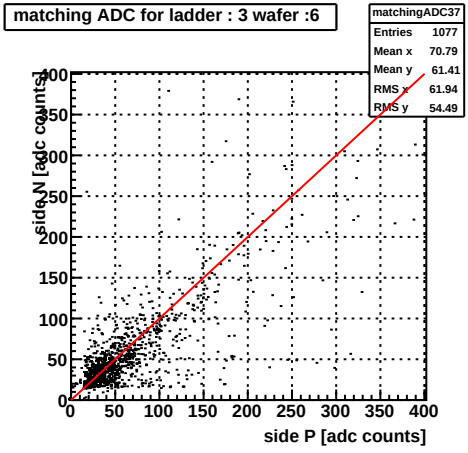

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1814
Mean x 75.36
Mean y 78.18
RMS x 63.56
RMS y 60.85
side N [adc counts]
side P [adc counts]

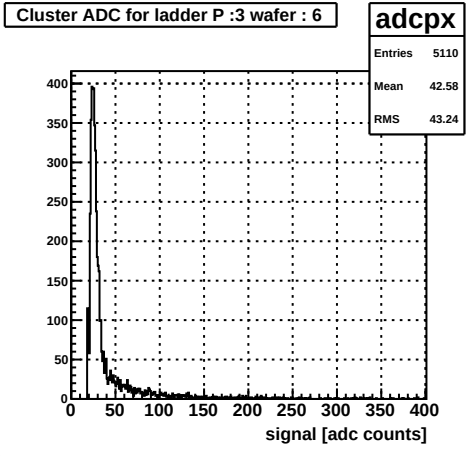

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3290
Mean 65.25
RMS 61.29
signal [adc counts]

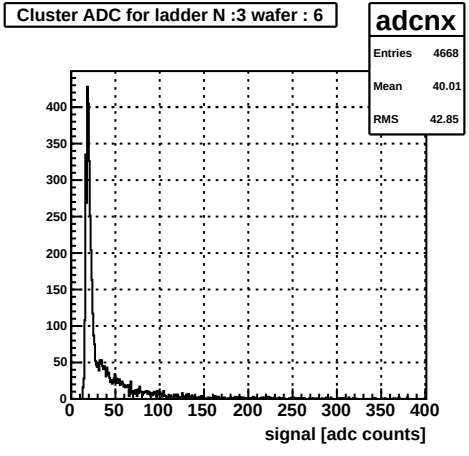

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 7083
Mean 118.2
RMS 86.39
signal [adc counts]

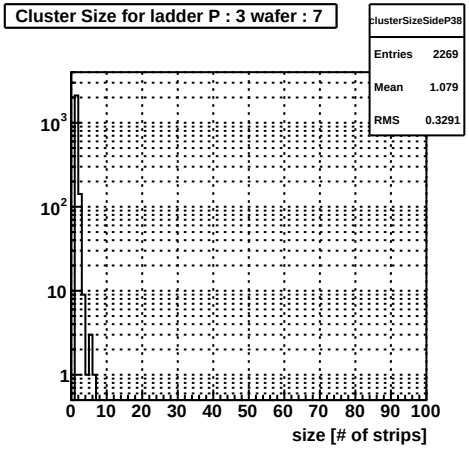

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5110
Mean 1.091
RMS 0.3445
size [# of strips]

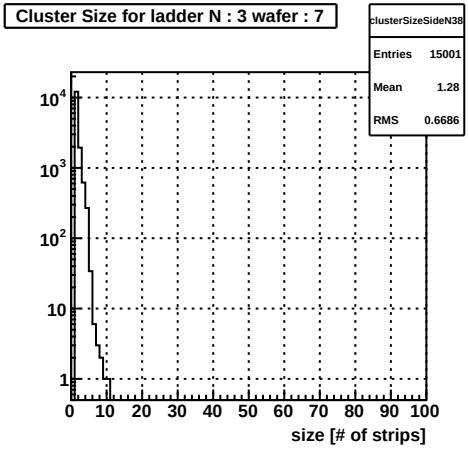

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4668
Mean 1.293
RMS 0.709
size [# of strips]

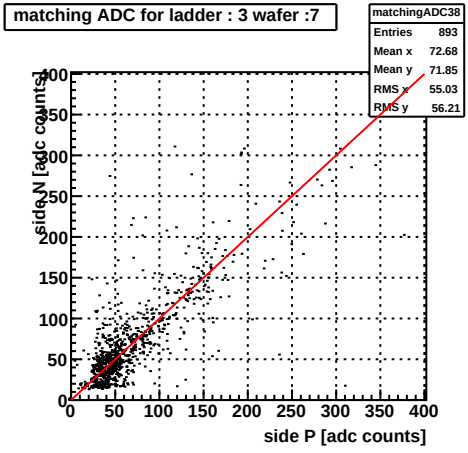

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1077
Mean x 70.79
Mean y 61.41
RMS x 61.94
RMS y 54.49
side N [adc counts]
side P [adc counts]

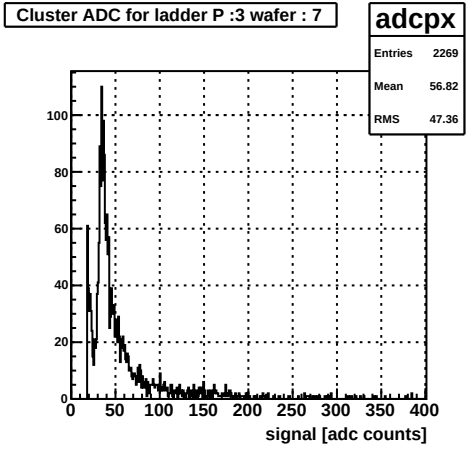

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5110
Mean 42.58
RMS 43.24
signal [adc counts]

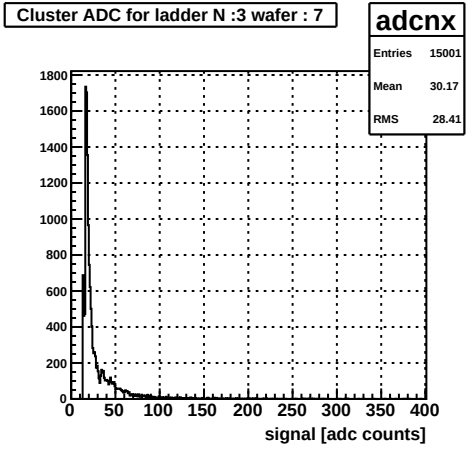

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4668
Mean 40.01
RMS 42.85
signal [adc counts]

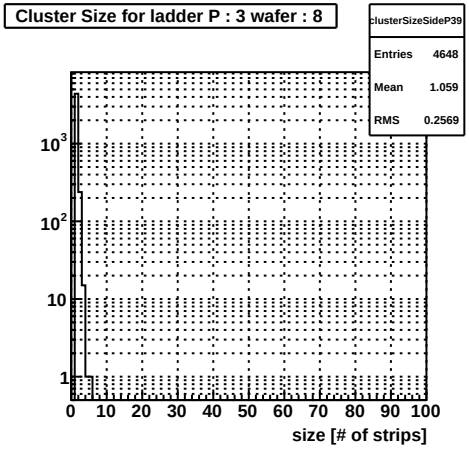

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2269
Mean 1.079
RMS 0.3291
size [# of strips]

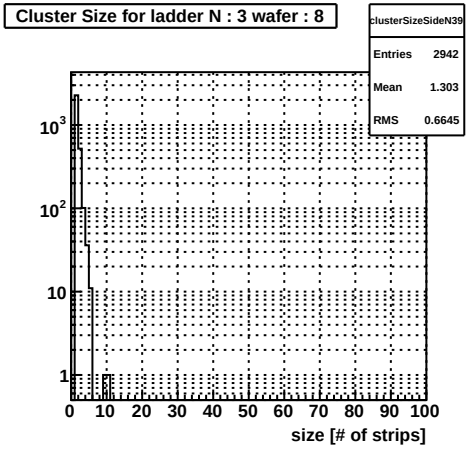

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 15001
Mean 1.28
RMS 0.6686
size [# of strips]

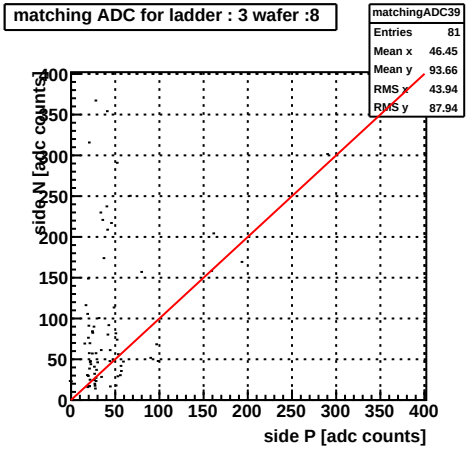

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 893
Mean x 72.68
Mean y 71.85
RMS x 55.03
RMS y 56.21
side N [adc counts]
side P [adc counts]

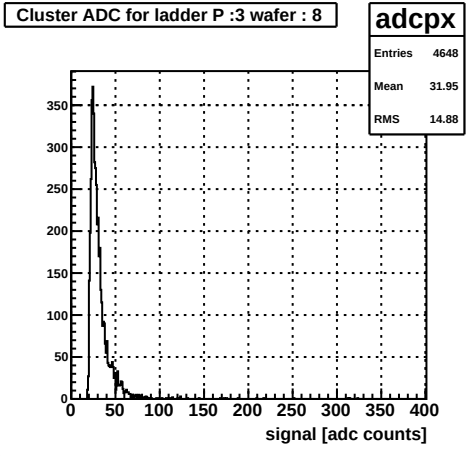

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2269
Mean 56.82
RMS 47.36
signal [adc counts]

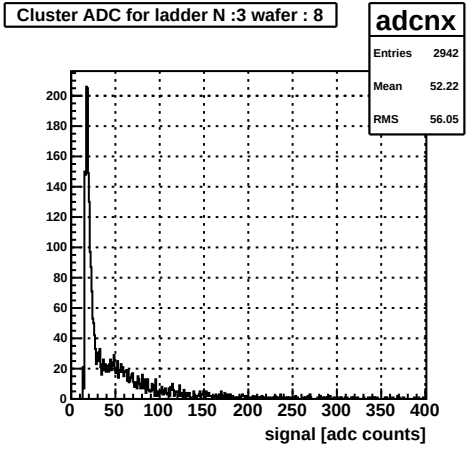

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 15001
Mean 30.17
RMS 28.41
signal [adc counts]

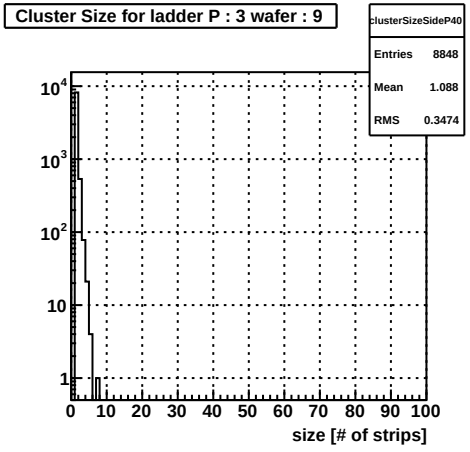

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4648
Mean 1.059
RMS 0.2569
size [# of strips]

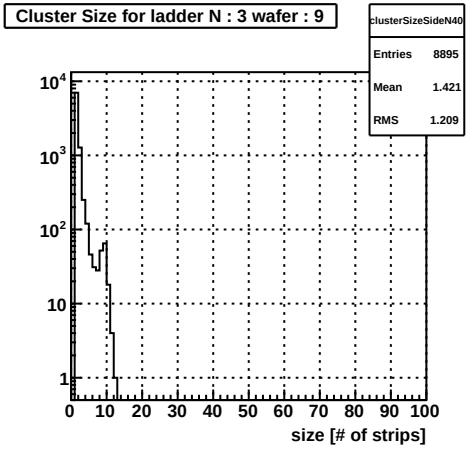

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2942
Mean 1.303
RMS 0.6645
size [# of strips]

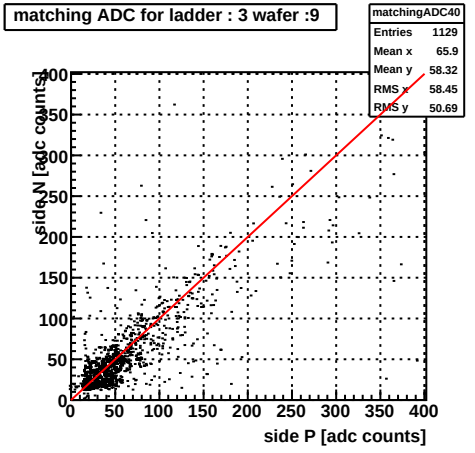

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 81
Mean x 46.45
Mean y 93.66
RMS x 43.94
RMS y 87.94
side N [adc counts]
side P [adc counts]

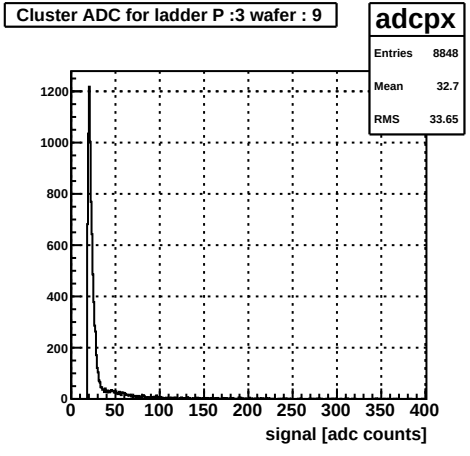

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4648
Mean 31.95
RMS 14.88
signal [adc counts]

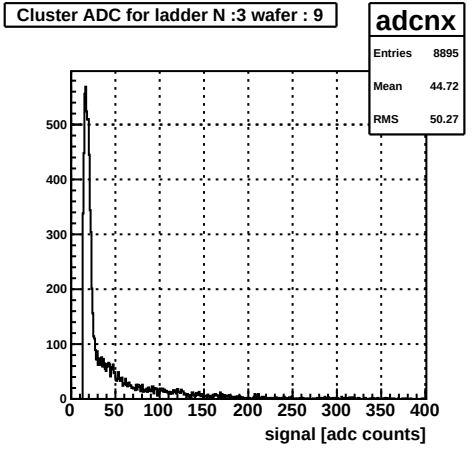

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2942
Mean 52.22
RMS 56.05
signal [adc counts]

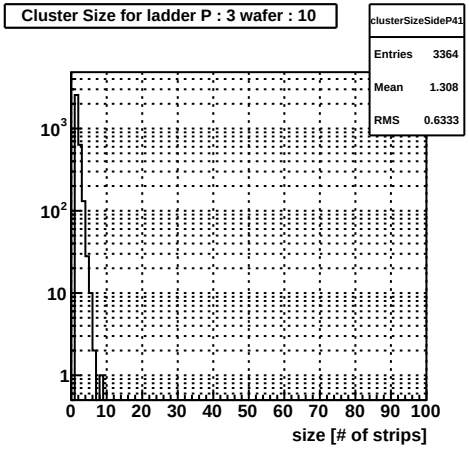

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8848
Mean 1.088
RMS 0.3474
size [# of strips]

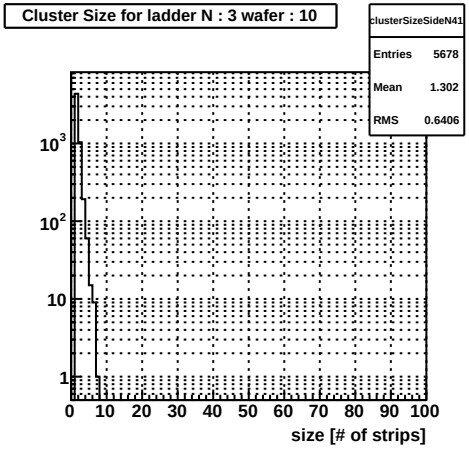

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8895
Mean 1.421
RMS 1.209
size [# of strips]

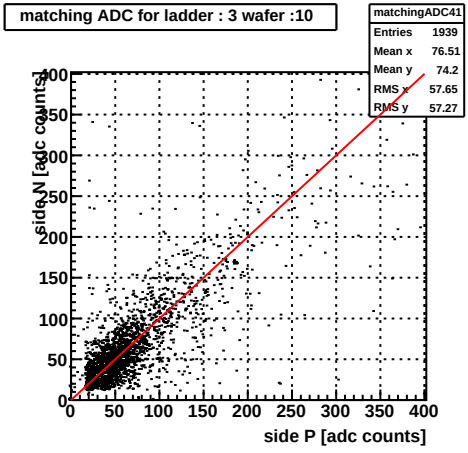

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1129
Mean x 65.9
Mean y 58.32
RMS x 58.45
RMS y 50.69
side N [adc counts]
side P [adc counts]

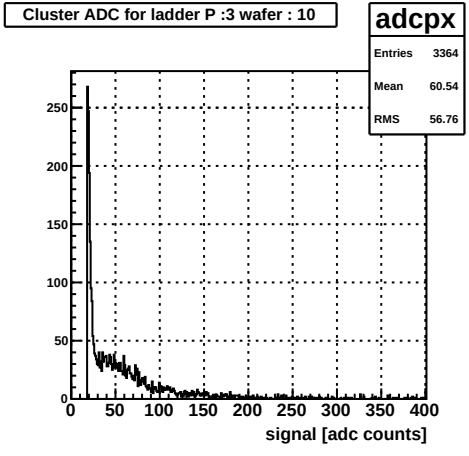

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8848
Mean 32.7
RMS 33.65
signal [adc counts]

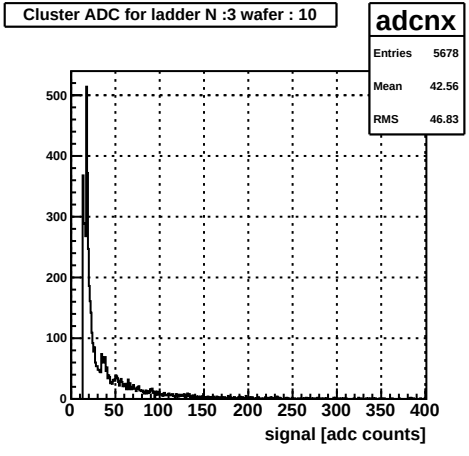

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8895
Mean 44.72
RMS 50.27
signal [adc counts]

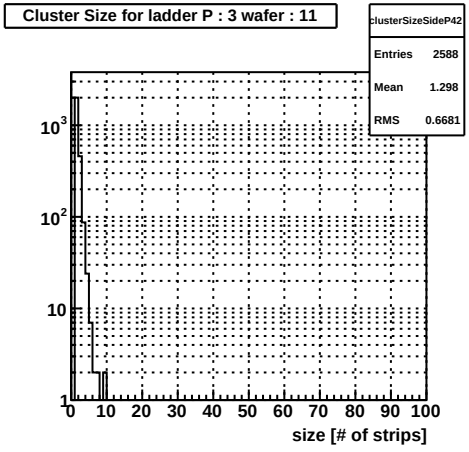

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3364
Mean 1.308
RMS 0.6333
size [# of strips]

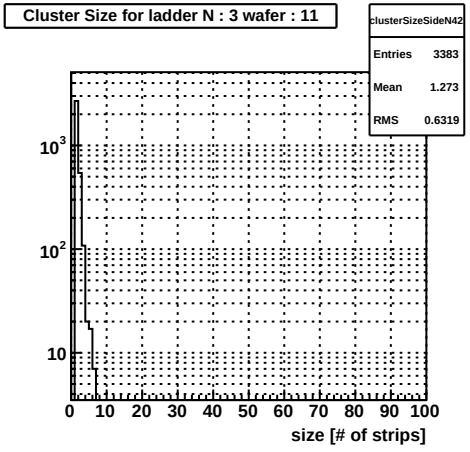

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5678
Mean 1.302
RMS 0.6406
size [# of strips]

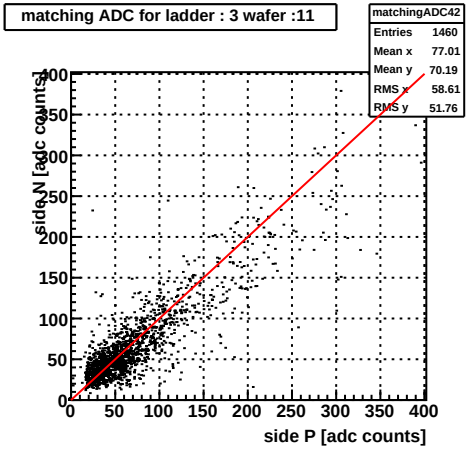

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1939
Mean x 76.51
Mean y 74.2
RMS x 57.65
RMS y 57.27
side N [adc counts]
side P [adc counts]

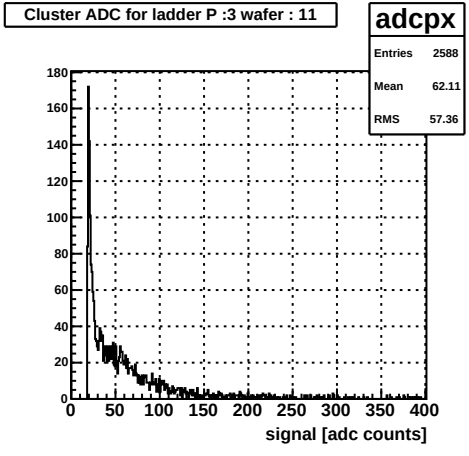

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3364
Mean 60.54
RMS 56.76
signal [adc counts]

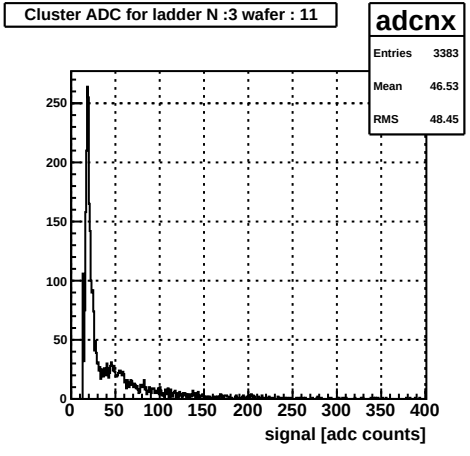

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5678
Mean 42.56
RMS 46.83
signal [adc counts]

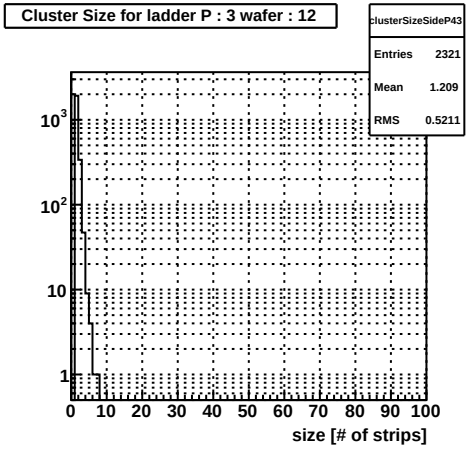

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2588
Mean 1.298
RMS 0.6681
size [# of strips]

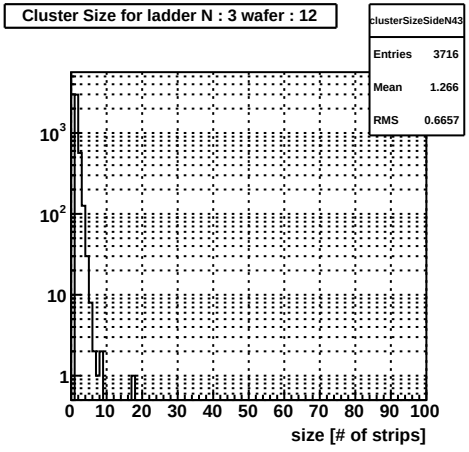

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3383
Mean 1.273
RMS 0.6319
size [# of strips]

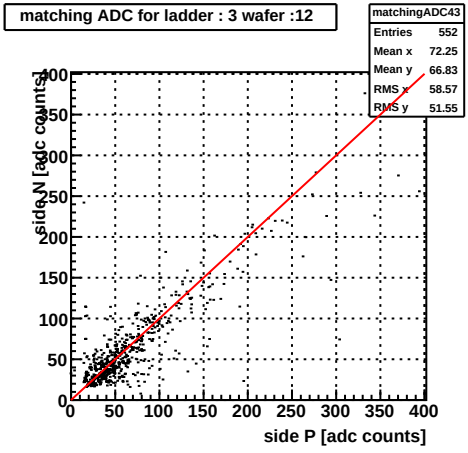

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1460
Mean x 77.01
Mean y 70.19
RMS x 58.61
RMS y 51.76
side N [adc counts]
side P [adc counts]

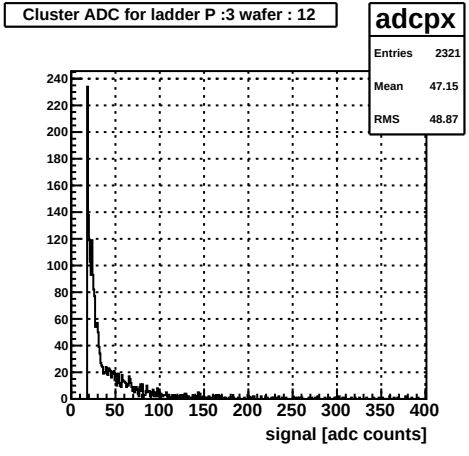

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2588
Mean 62.11
RMS 57.36
signal [adc counts]

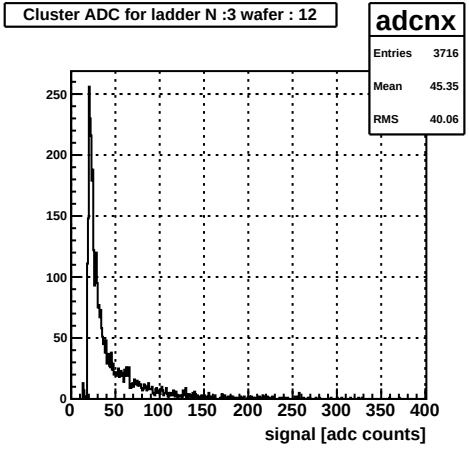

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3383
Mean 46.53
RMS 48.45
signal [adc counts]

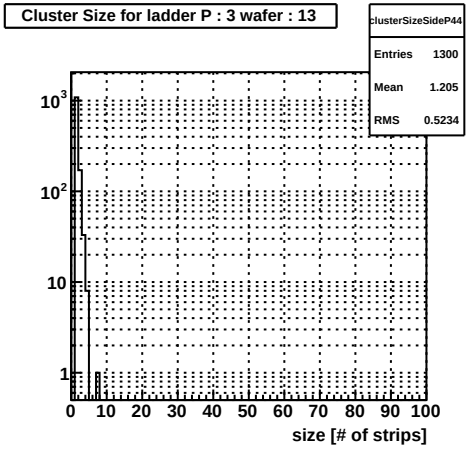

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2321
Mean 1.209
RMS 0.5211
size [# of strips]

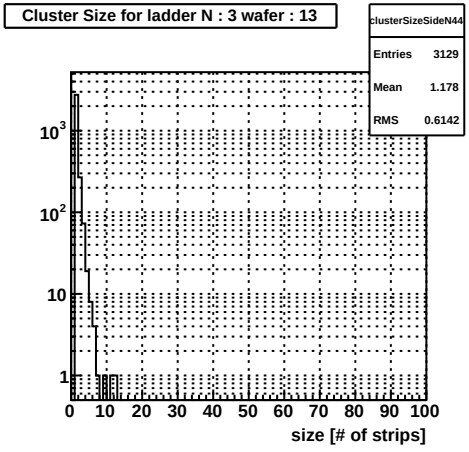

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3716
Mean 1.266
RMS 0.6657
size [# of strips]

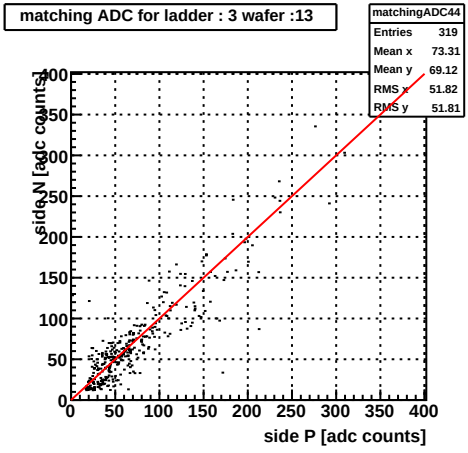

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 552
Mean x 72.25
Mean y 66.83
RMS x 58.57
RMS y 51.55
side N [adc counts]
side P [adc counts]

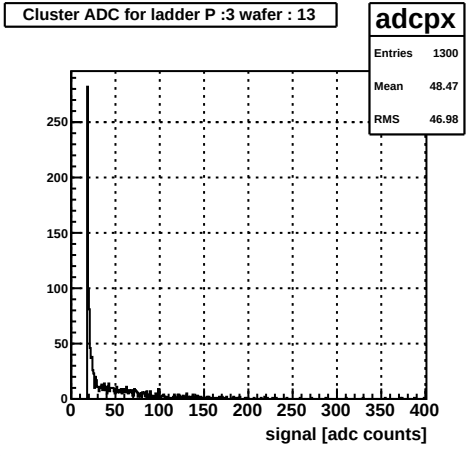

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2321
Mean 47.15
RMS 48.87
signal [adc counts]

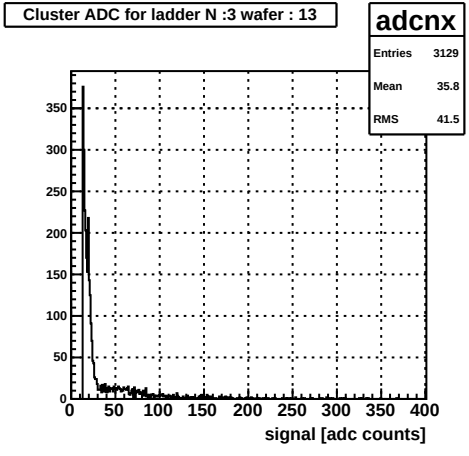

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3716
Mean 45.35
RMS 40.06
signal [adc counts]

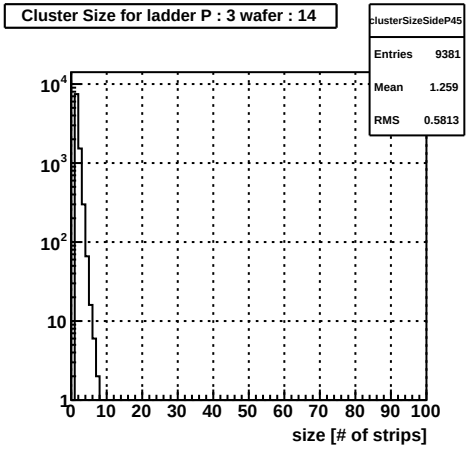

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1300
Mean 1.205
RMS 0.5234
size [# of strips]

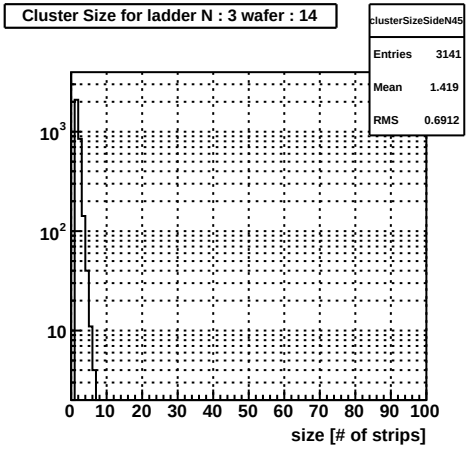

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3129
Mean 1.178
RMS 0.6142
size [# of strips]

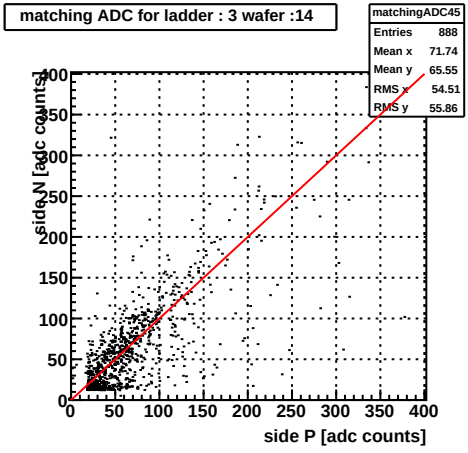

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 319
Mean x 73.31
Mean y 69.12
RMS x 51.82
RMS y 51.81
side N [adc counts]
side P [adc counts]

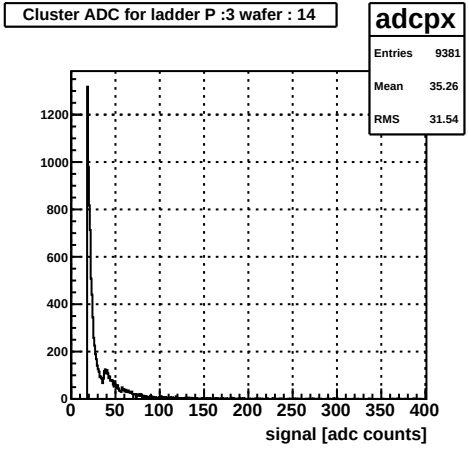

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1300
Mean 48.47
RMS 46.98
signal [adc counts]

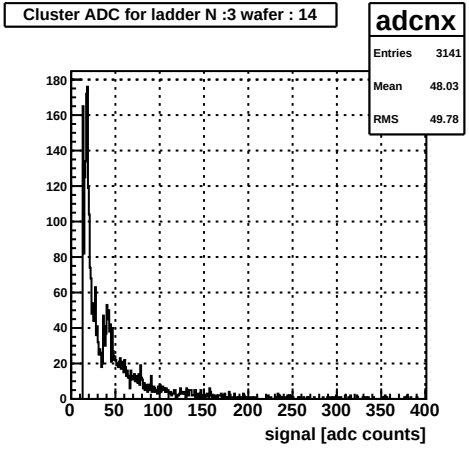

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3129
Mean 35.8
RMS 41.5
signal [adc counts]

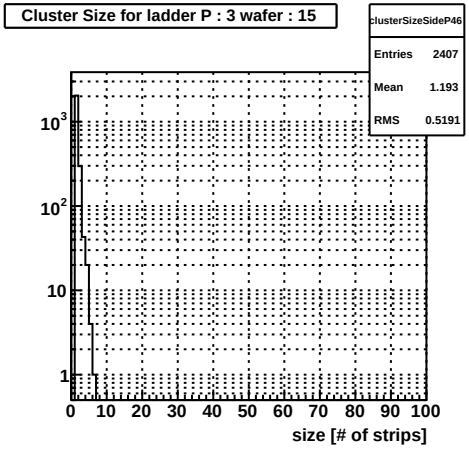

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9381
Mean 1.259
RMS 0.5813
size [# of strips]

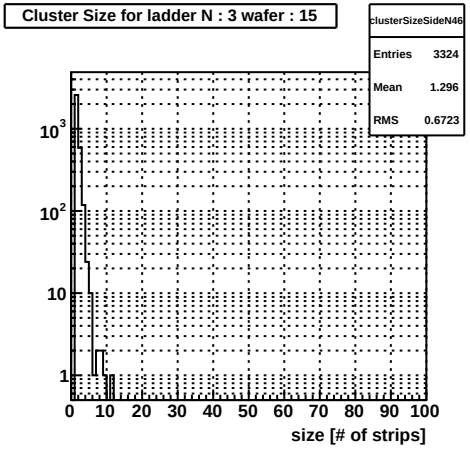

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3141
Mean 1.419
RMS 0.6912
size [# of strips]

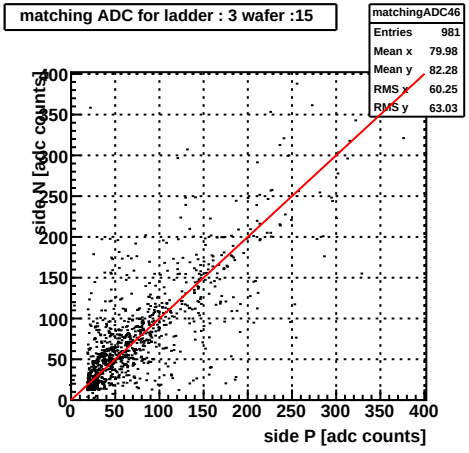

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 888
Mean x 71.74
Mean y 65.55
RMS x 54.51
RMS y 55.86
side N [adc counts]
side P [adc counts]

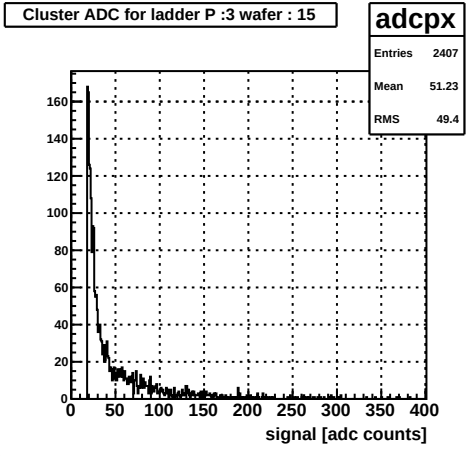

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9381
Mean 35.26
RMS 31.54
signal [adc counts]

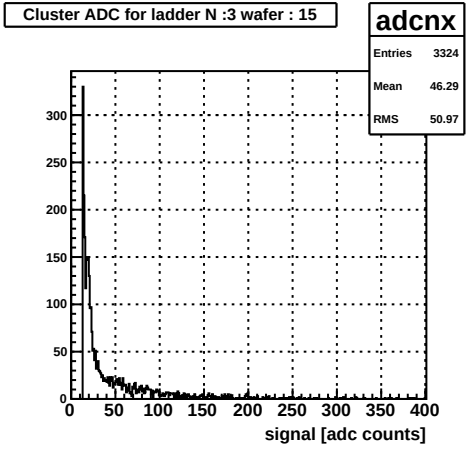

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3141
Mean 48.03
RMS 49.78
signal [adc counts]

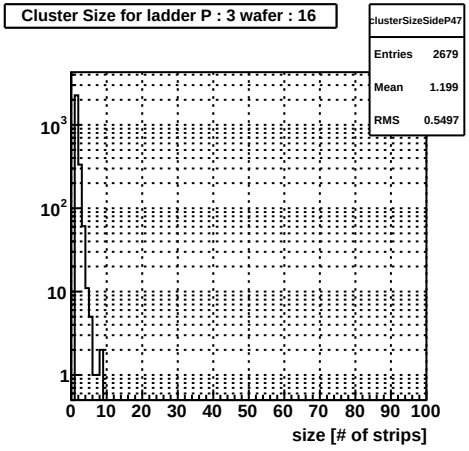

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 2407
Mean 1.193
RMS 0.5191
size [# of strips]

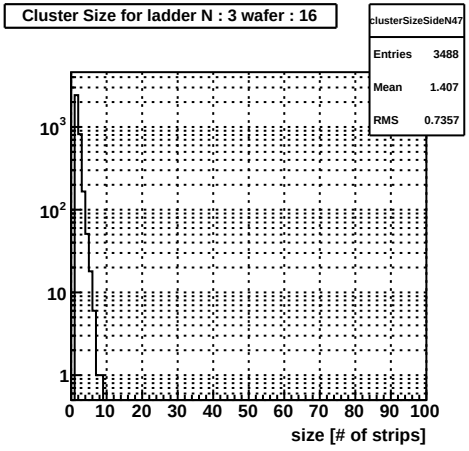

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3324
Mean 1.296
RMS 0.6723
size [# of strips]

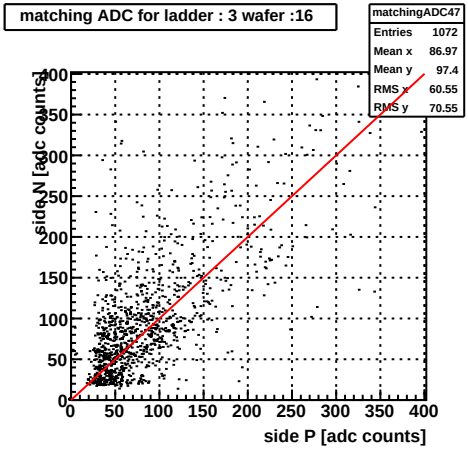

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 981
Mean x 79.98
Mean y 82.28
RMS x 60.25
RMS y 63.03
side N [adc counts]
side P [adc counts]

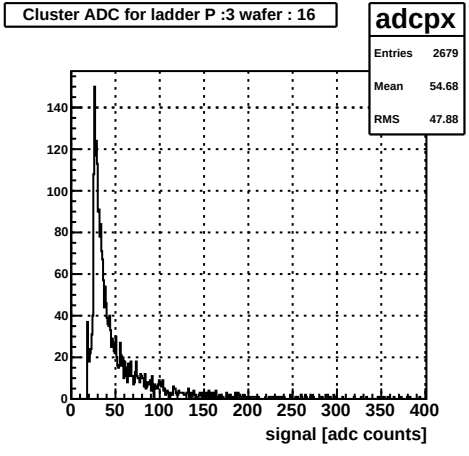

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 2407
Mean 51.23
RMS 49.4
signal [adc counts]

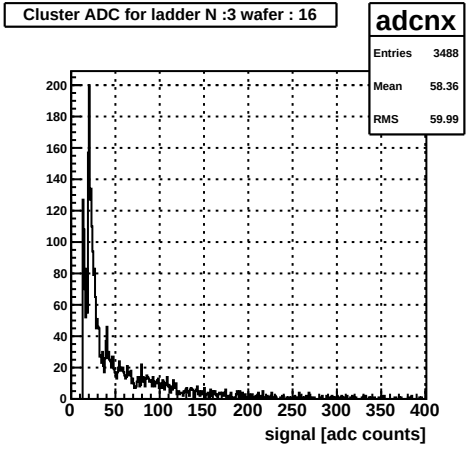

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3324
Mean 46.29
RMS 50.97
signal [adc counts]

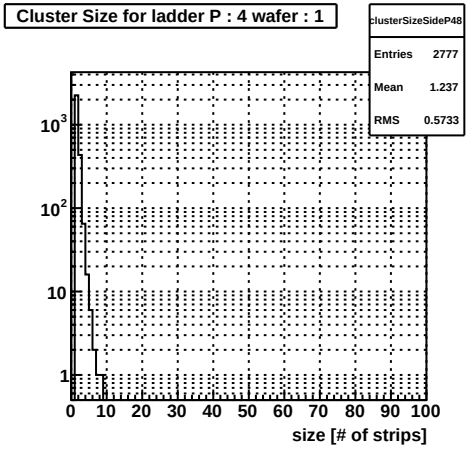

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2679
Mean 1.199
RMS 0.5497
size [# of strips]

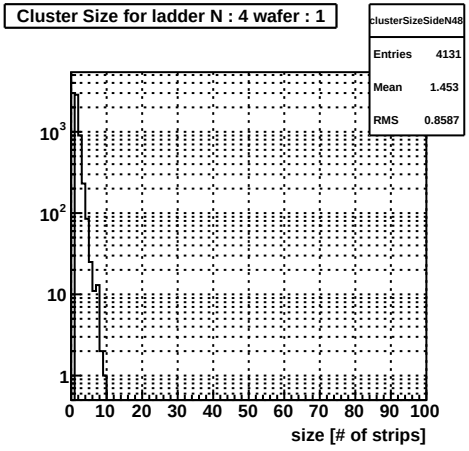

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3488
Mean 1.407
RMS 0.7357
size [# of strips]

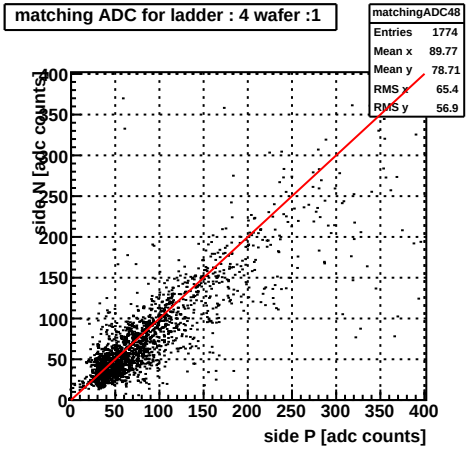

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1072
Mean x 86.97
Mean y 97.4
RMS x 60.55
RMS y 70.55
side N [adc counts]
side P [adc counts]

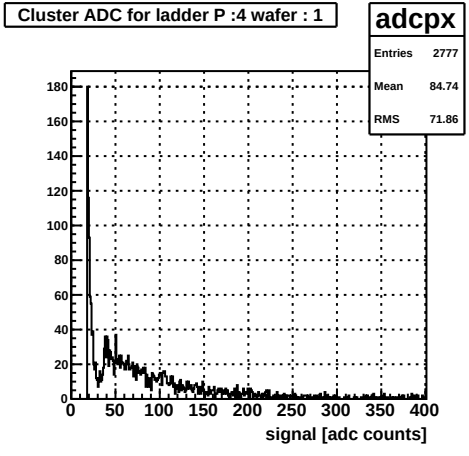

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2679
Mean 54.68
RMS 47.88
signal [adc counts]

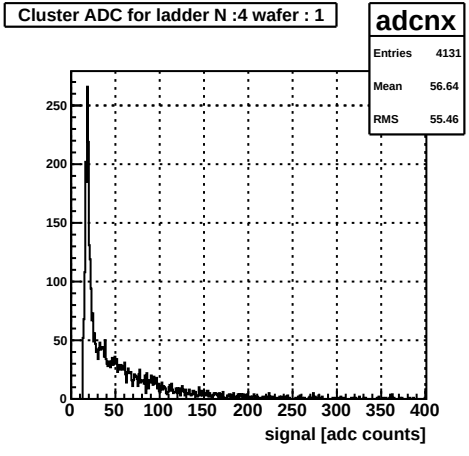

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3488
Mean 58.36
RMS 59.99
signal [adc counts]

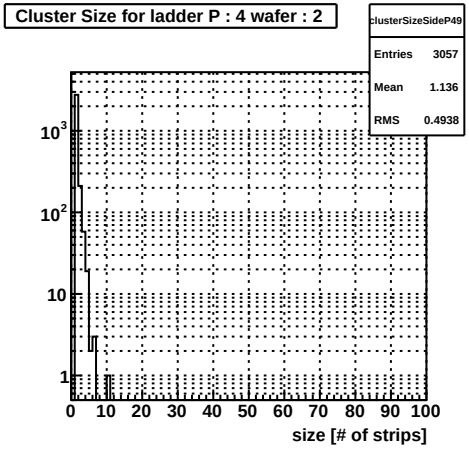

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2777
Mean 1.237
RMS 0.5733
size [# of strips]

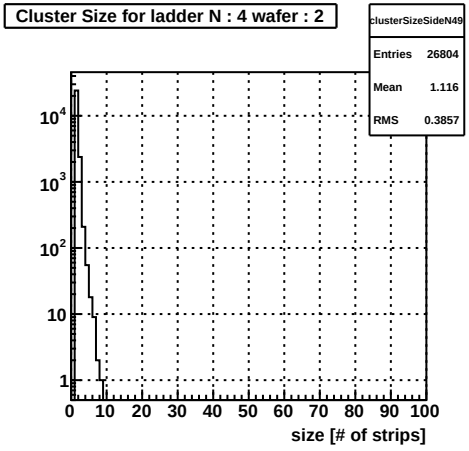

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4131
Mean 1.453
RMS 0.8587
size [# of strips]

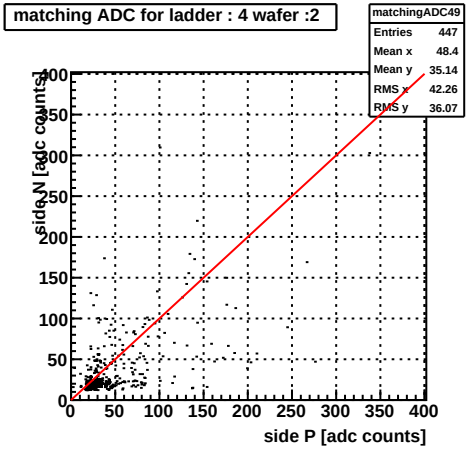

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1774
Mean x 89.77
Mean y 78.71
RMS x 65.4
RMS y 56.9
side N [adc counts]
side P [adc counts]

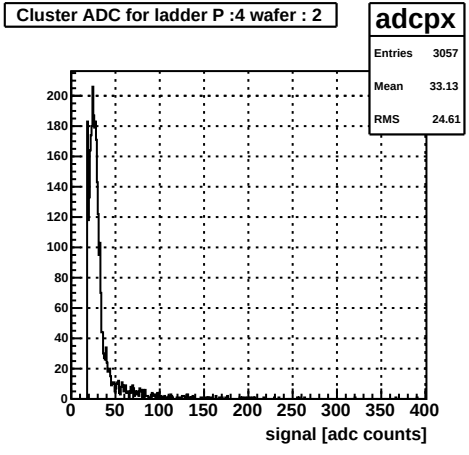

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2777
Mean 84.74
RMS 71.86
signal [adc counts]

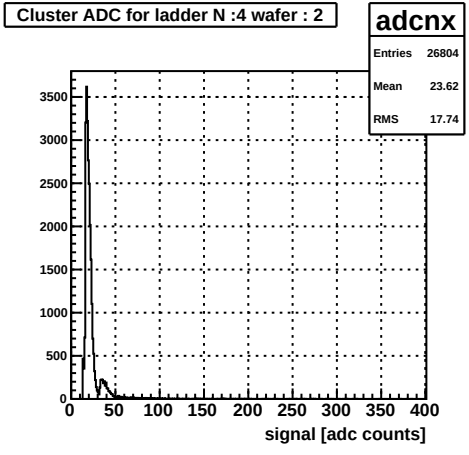

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4131
Mean 56.64
RMS 55.46
signal [adc counts]

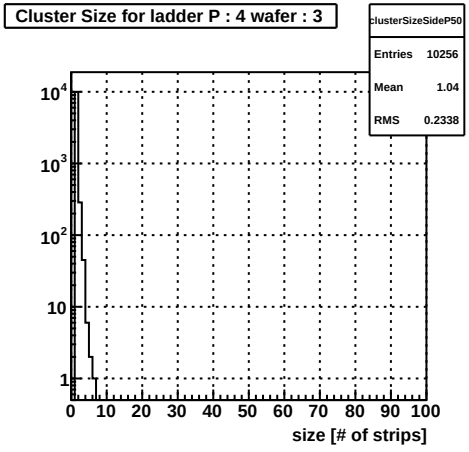

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3057
Mean 1.136
RMS 0.4938
size [# of strips]

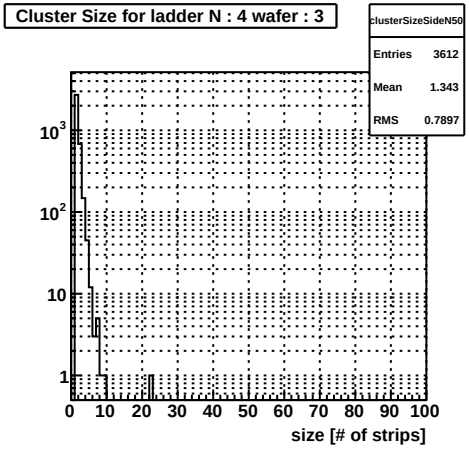

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26804
Mean 1.116
RMS 0.3857
size [# of strips]

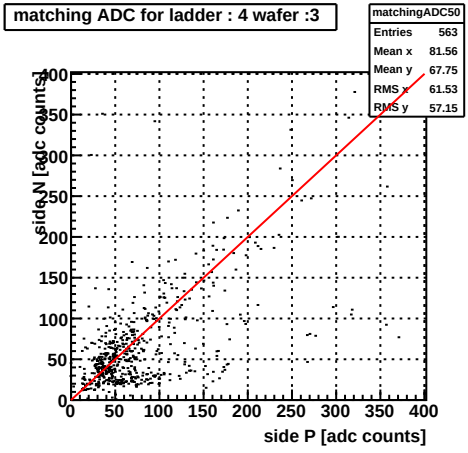

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 447
Mean x 48.4
Mean y 35.14
RMS x 42.26
RMS y 36.07
side N [adc counts]
side P [adc counts]

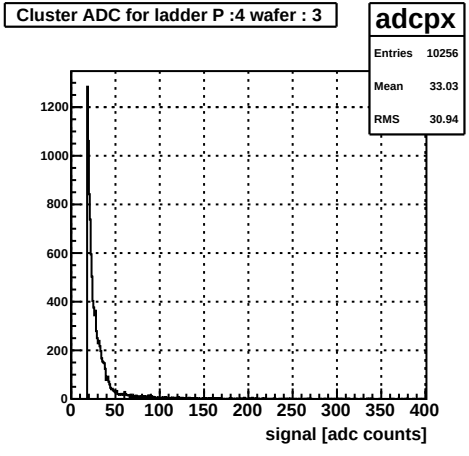

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3057
Mean 33.13
RMS 24.61
signal [adc counts]

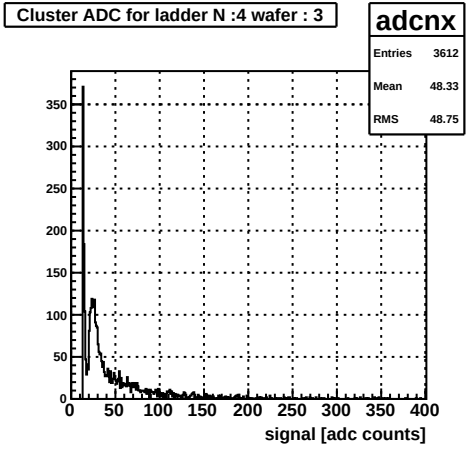

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26804
Mean 23.62
RMS 17.74
signal [adc counts]

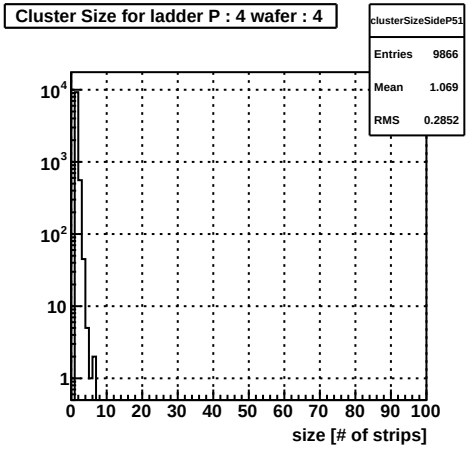

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10256
Mean 1.04
RMS 0.2338
size [# of strips]

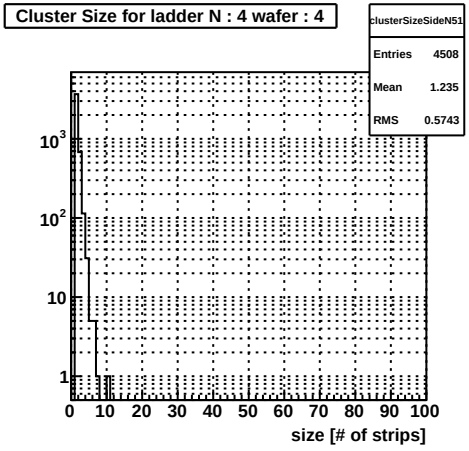

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3612
Mean 1.343
RMS 0.7897
size [# of strips]

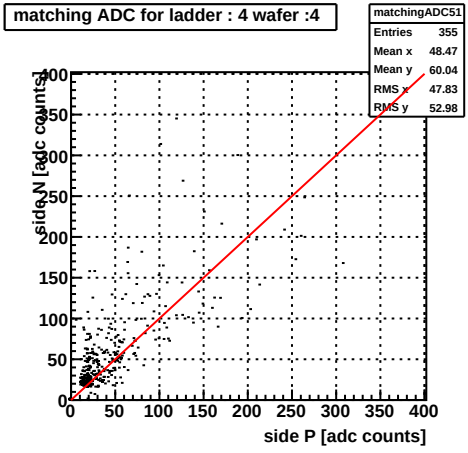

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 563
Mean x 81.56
Mean y 67.75
RMS x 61.53
RMS y 57.15
side N [adc counts]
side P [adc counts]

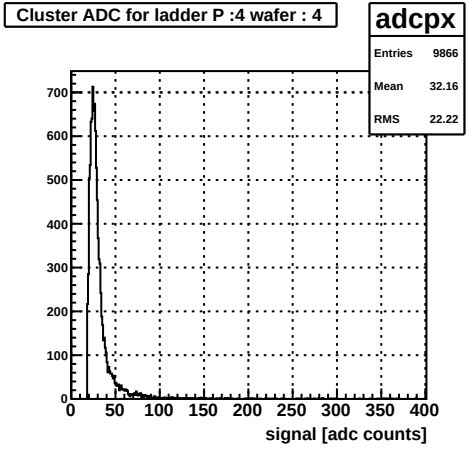

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10256
Mean 33.03
RMS 30.94
signal [adc counts]

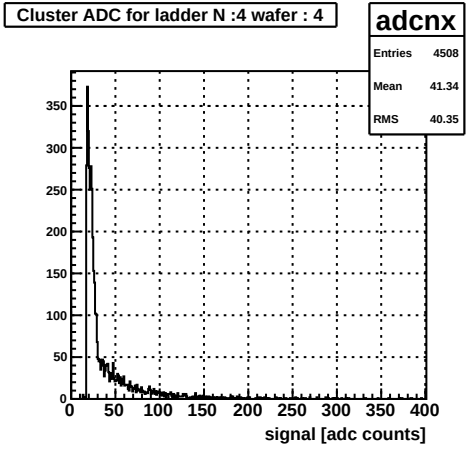

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3612
Mean 48.33
RMS 48.75
signal [adc counts]

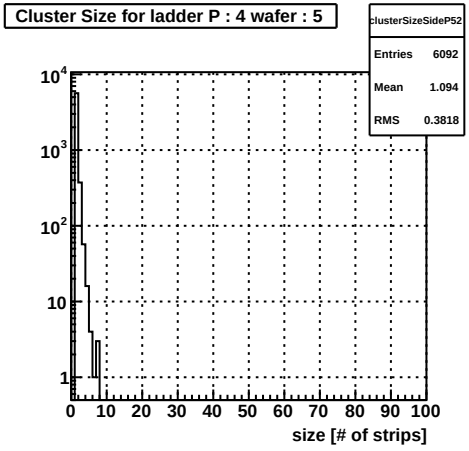

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 9866
Mean 1.069
RMS 0.2852
size [# of strips]

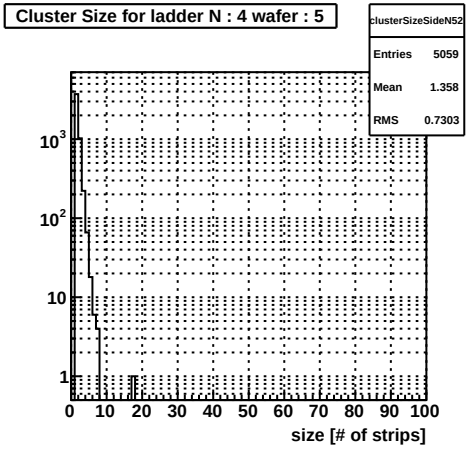

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4508
Mean 1.235
RMS 0.5743
size [# of strips]

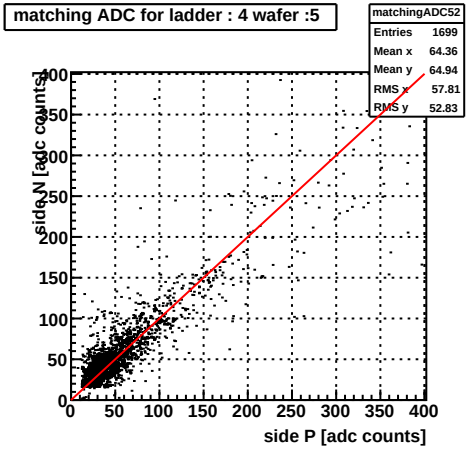

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 355
Mean x 48.47
Mean y 60.04
RMS x 47.83
RMS y 52.98
side N [adc counts]
side P [adc counts]

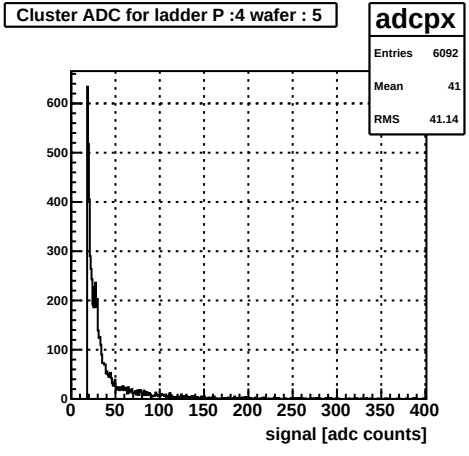

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 9866
Mean 32.16
RMS 22.22
signal [adc counts]

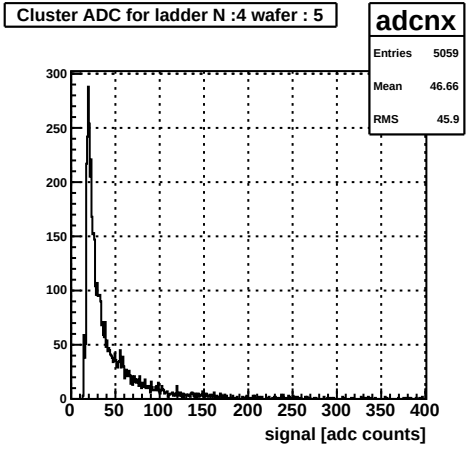

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4508
Mean 41.34
RMS 40.35
signal [adc counts]

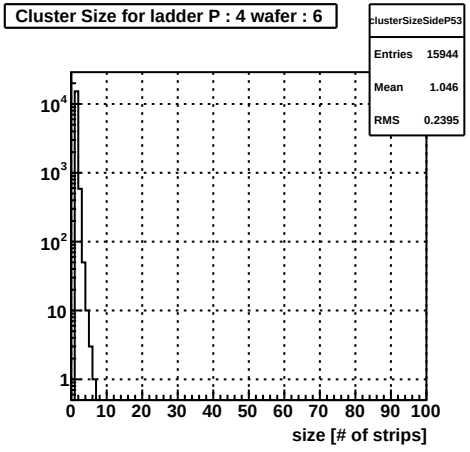

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6092
Mean 1.094
RMS 0.3818
size [# of strips]

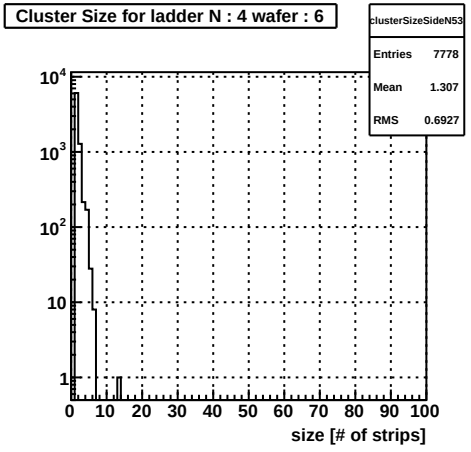

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5059
Mean 1.358
RMS 0.7303
size [# of strips]

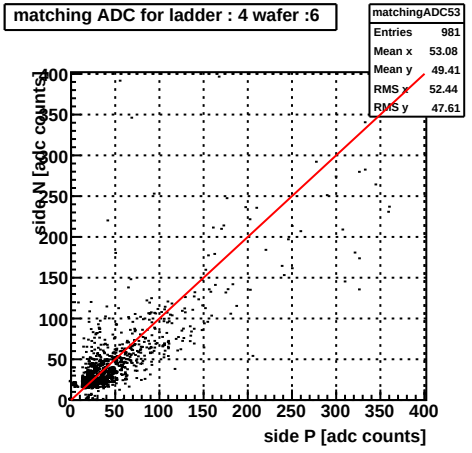

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1699
Mean x 64.36
Mean y 64.94
RMS x 57.81
RMS y 52.83
side N [adc counts]
side P [adc counts]

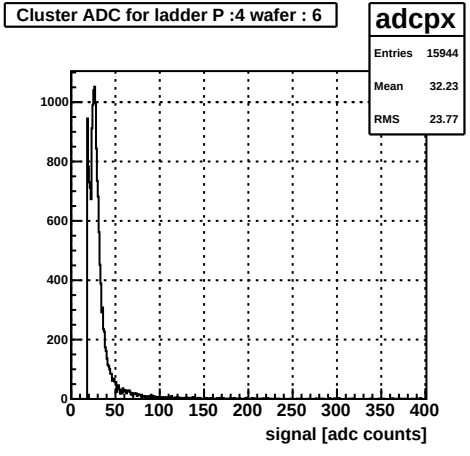

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6092
Mean 41
RMS 41.14
signal [adc counts]

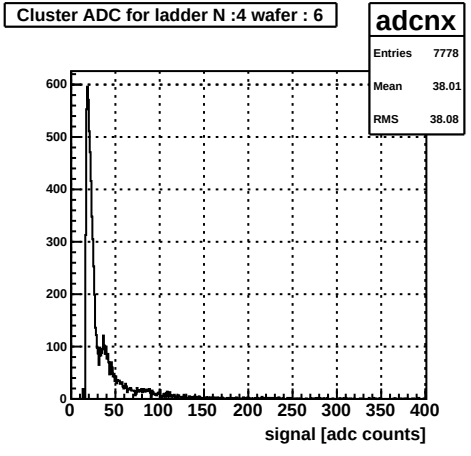

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5059
Mean 46.66
RMS 45.9
signal [adc counts]

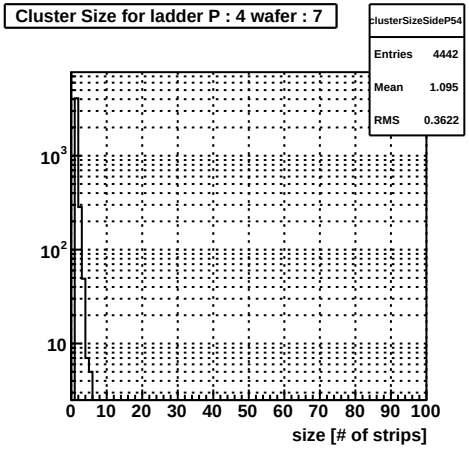

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15944
Mean 1.046
RMS 0.2395
size [# of strips]

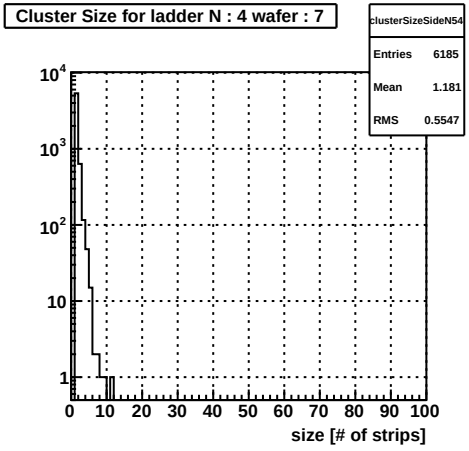

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7778
Mean 1.307
RMS 0.6927
size [# of strips]

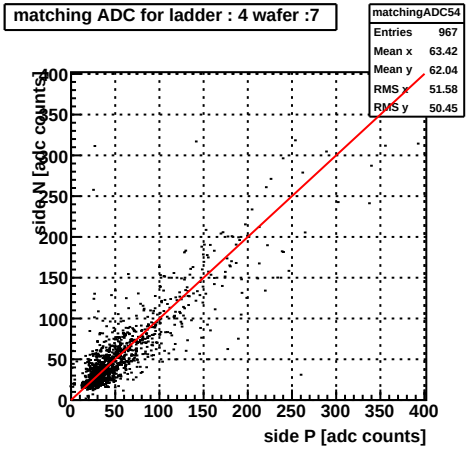

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 981
Mean x 53.08
Mean y 49.41
RMS x 52.44
RMS y 47.61
side N [adc counts]
side P [adc counts]

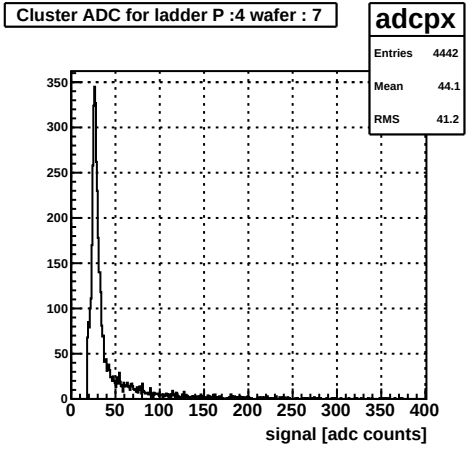

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15944
Mean 32.23
RMS 23.77
signal [adc counts]

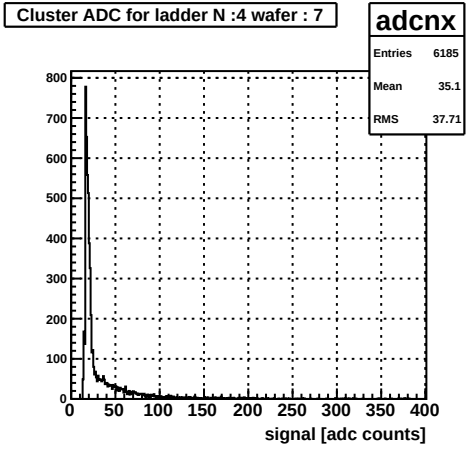

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7778
Mean 38.01
RMS 38.08
signal [adc counts]

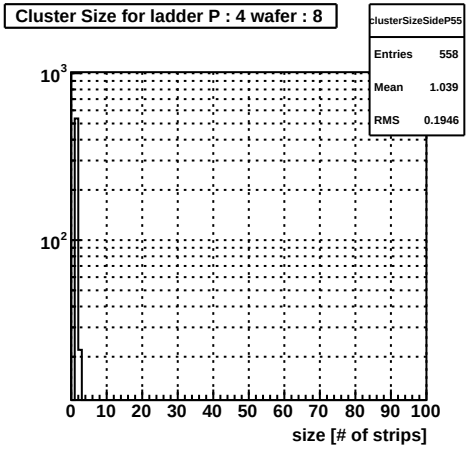

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4442
Mean 1.095
RMS 0.3622
size [# of strips]

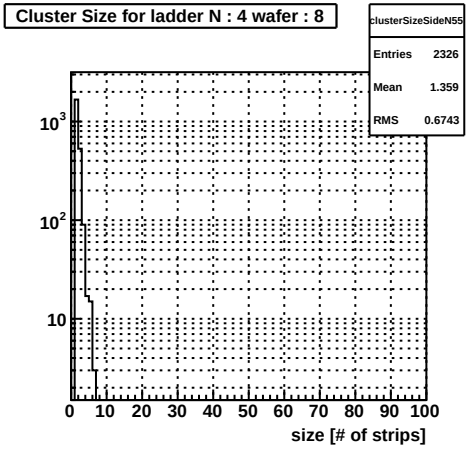

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6185
Mean 1.181
RMS 0.5547
size [# of strips]

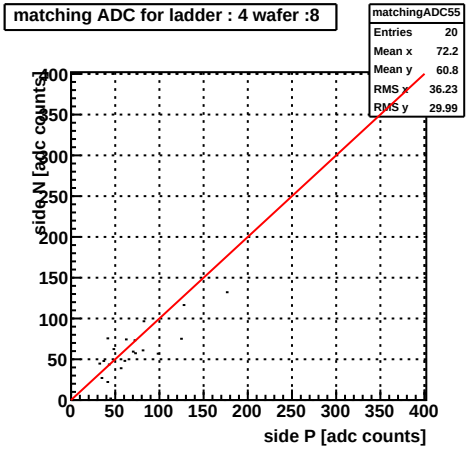

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 967
Mean x 63.42
Mean y 62.04
RMS x 51.58
RMS y 50.45
side N [adc counts]
side P [adc counts]

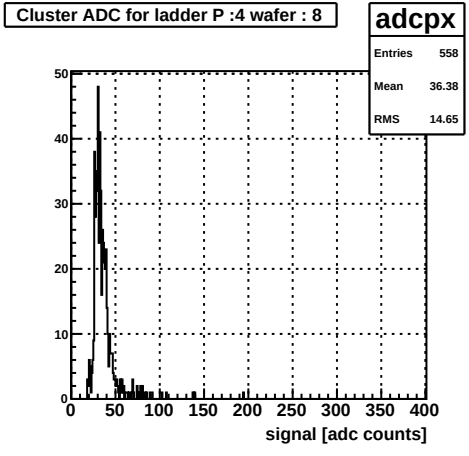

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4442
Mean 44.1
RMS 41.2
signal [adc counts]

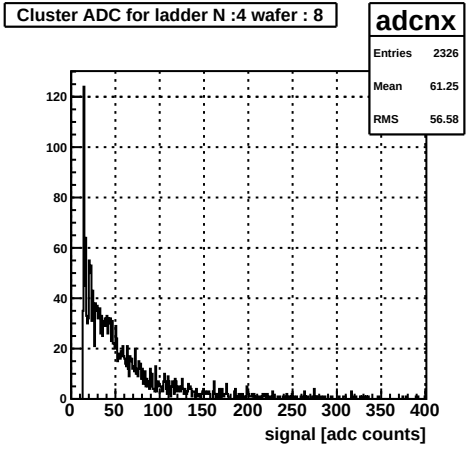

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6185
Mean 35.1
RMS 37.71
signal [adc counts]

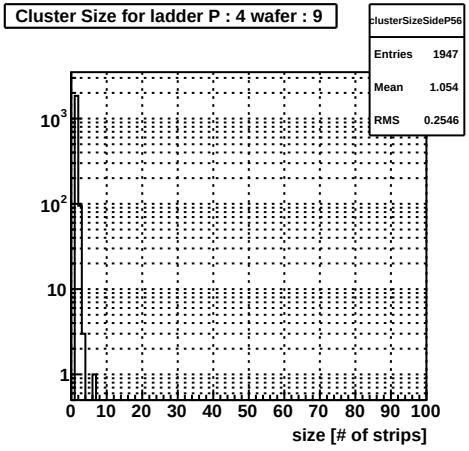

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 558
Mean 1.039
RMS 0.1946
size [# of strips]

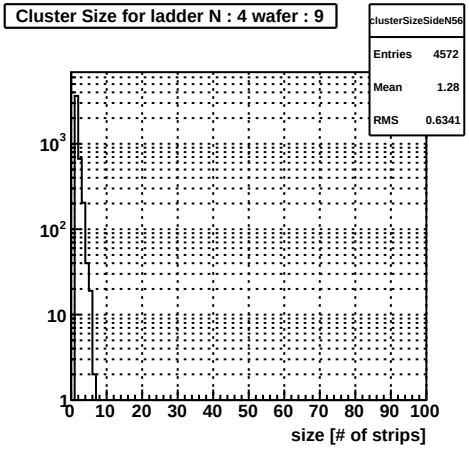

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2326
Mean 1.359
RMS 0.6743
size [# of strips]

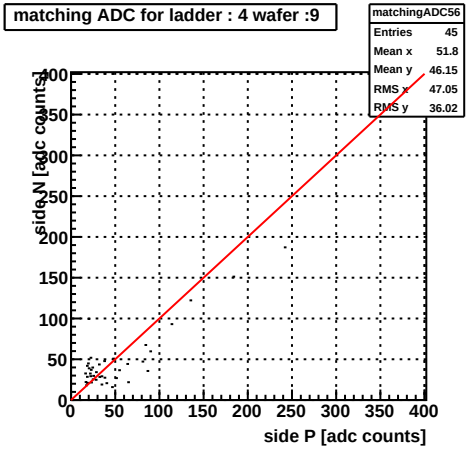

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 20
Mean x 72.2
Mean y 60.8
RMS x 36.23
RMS y 29.99
side N [adc counts]
side P [adc counts]

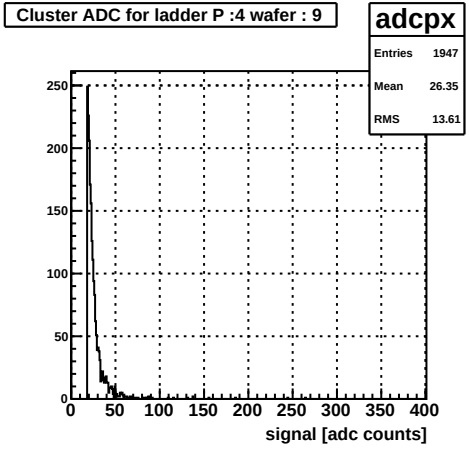

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 558
Mean 36.38
RMS 14.65
signal [adc counts]

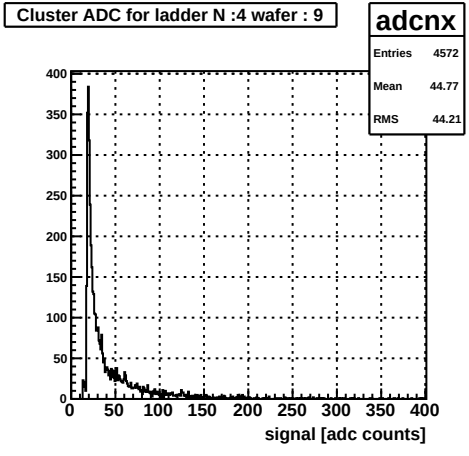

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2326
Mean 61.25
RMS 56.58
signal [adc counts]

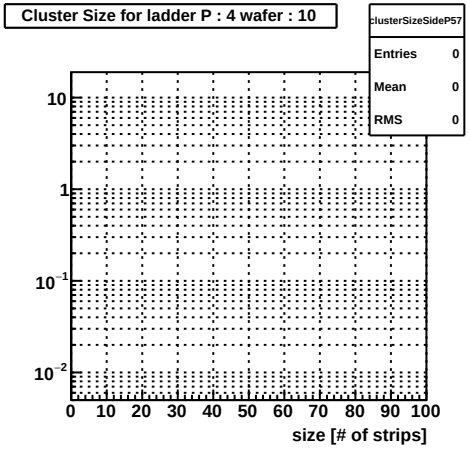

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1947
Mean 1.054
RMS 0.2546
size [# of strips]

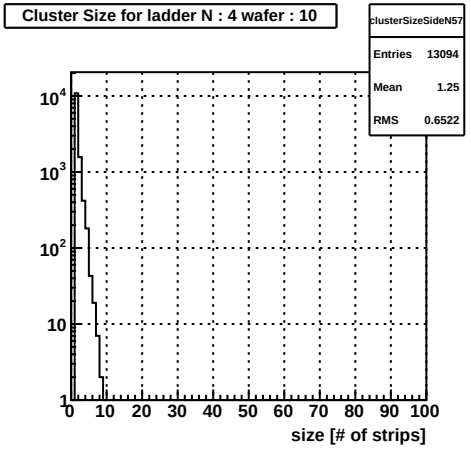

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4572
Mean 1.28
RMS 0.6341
size [# of strips]

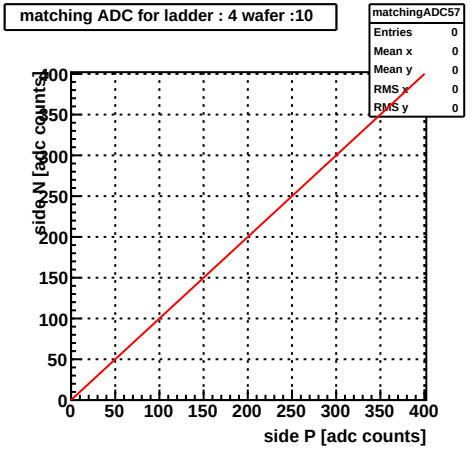

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 45
Mean x 51.8
Mean y 46.15
RMS x 47.05
RMS y 36.02
side N [adc counts]
side P [adc counts]

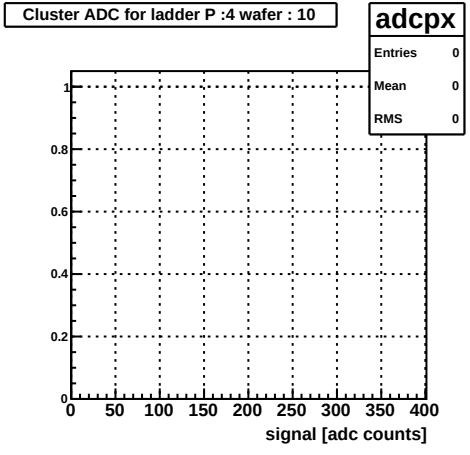

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1947
Mean 26.35
RMS 13.61
signal [adc counts]

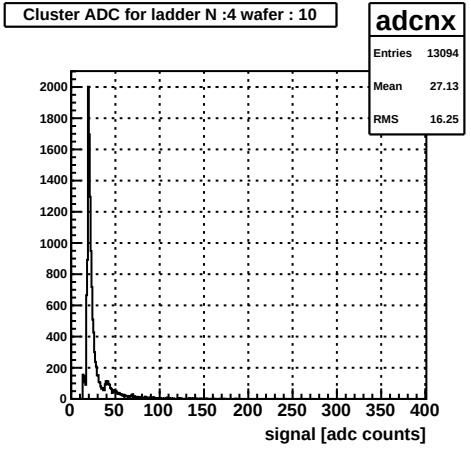

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4572
Mean 44.77
RMS 44.21
signal [adc counts]

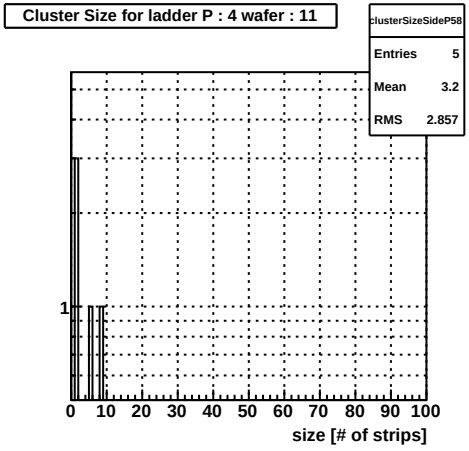

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

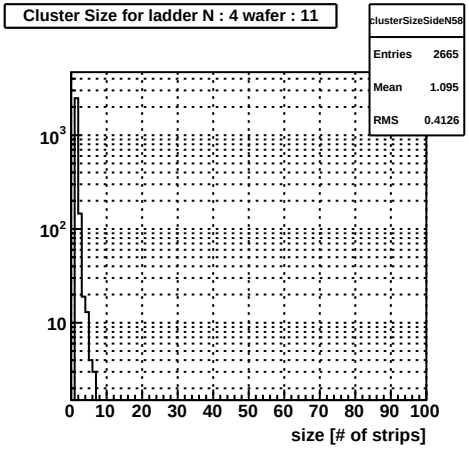

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 13094
Mean 1.25
RMS 0.6522
size [# of strips]

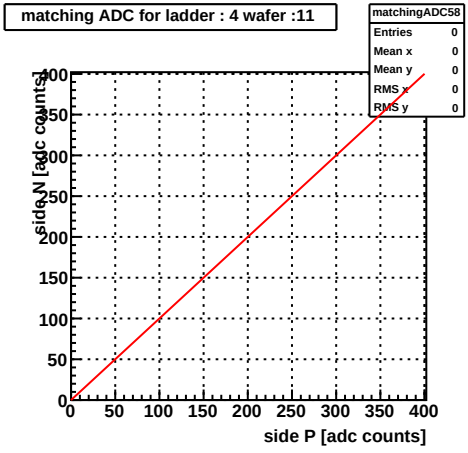

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

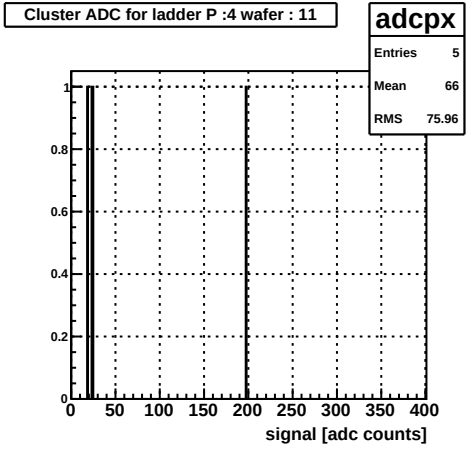

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

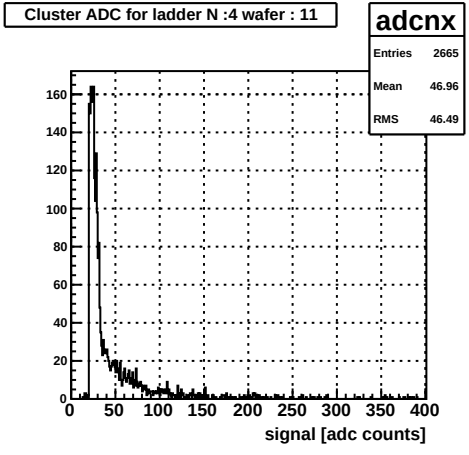

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 13094
Mean 27.13
RMS 16.25
signal [adc counts]

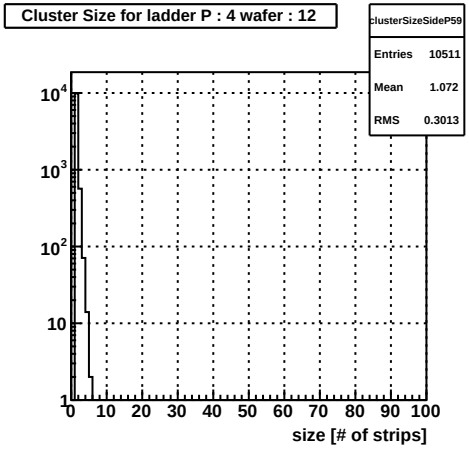

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 5
Mean 3.2
RMS 2.857
size [# of strips]

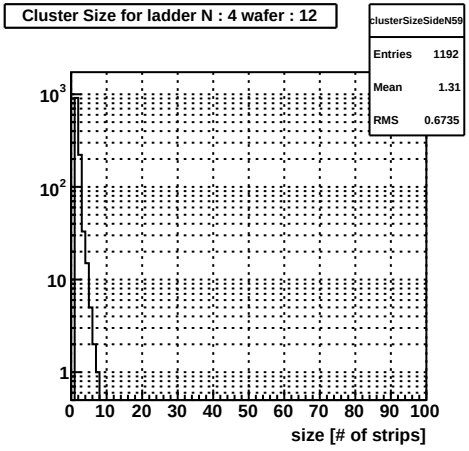

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2665
Mean 1.095
RMS 0.4126
size [# of strips]

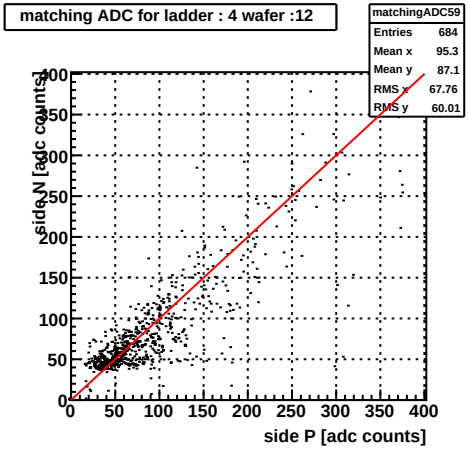

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

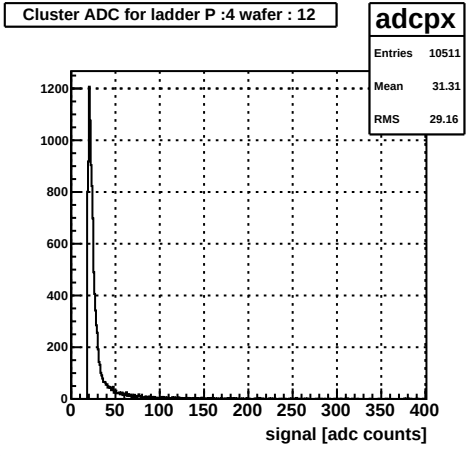

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 5
Mean 66
RMS 75.96
signal [adc counts]

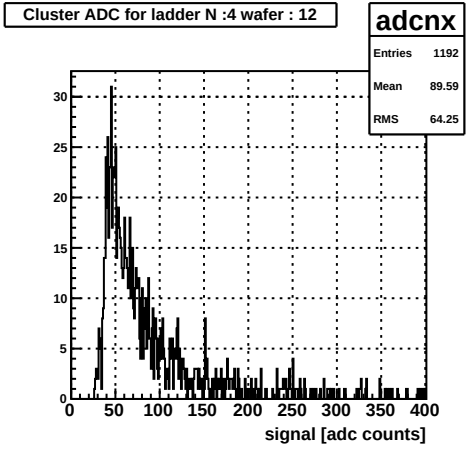

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2665
Mean 46.96
RMS 46.49
signal [adc counts]

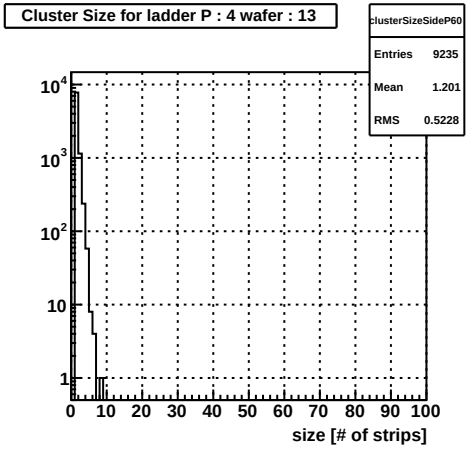

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10511
Mean 1.072
RMS 0.3013
size [# of strips]

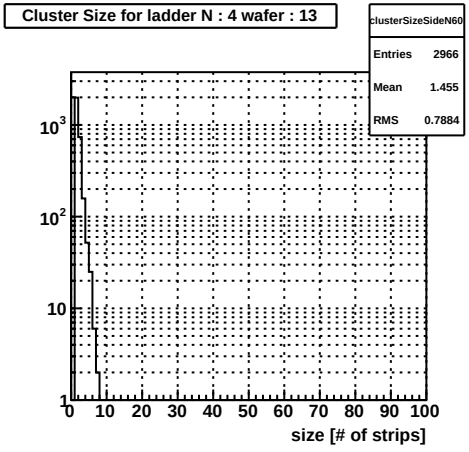

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1192
Mean 1.31
RMS 0.6735
size [# of strips]

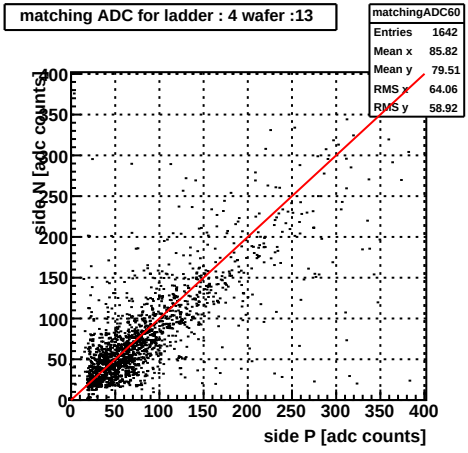

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 684
Mean x 95.3
Mean y 87.1
RMS x 67.76
RMS y 60.01
side N [adc counts]
side P [adc counts]

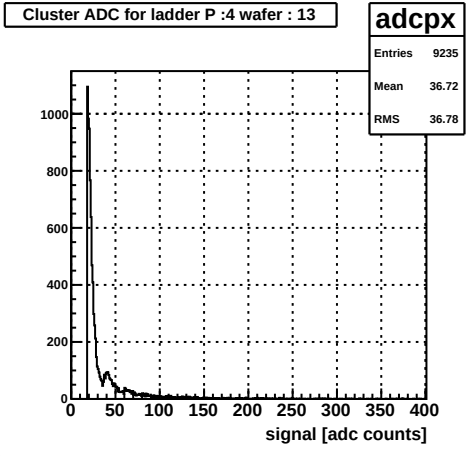

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10511
Mean 31.31
RMS 29.16
signal [adc counts]

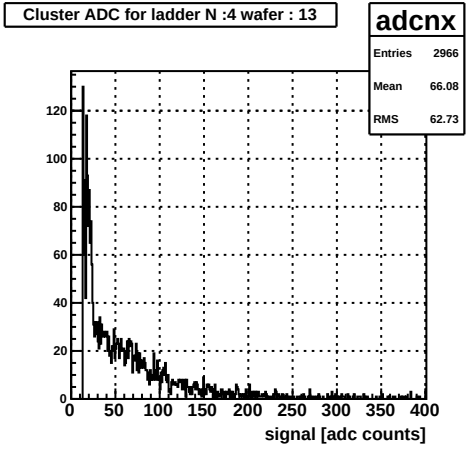

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1192
Mean 89.59
RMS 64.25
signal [adc counts]

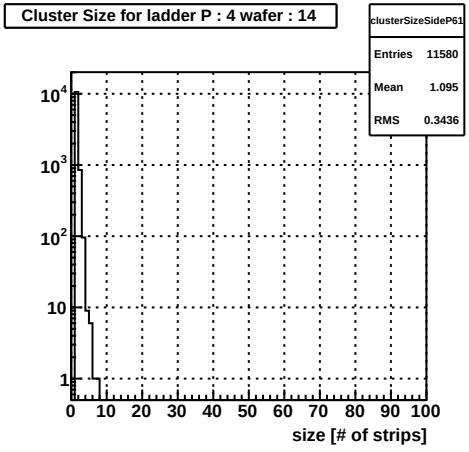

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9235
Mean 1.201
RMS 0.5228
size [# of strips]

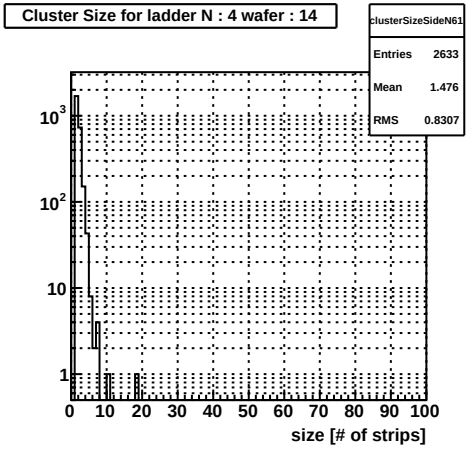

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2966
Mean 1.455
RMS 0.7884
size [# of strips]

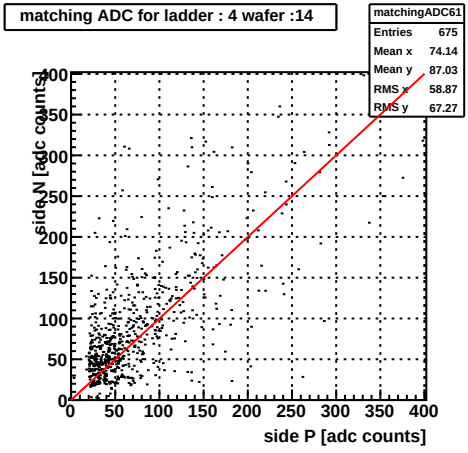

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1642
Mean x 85.82
Mean y 79.51
RMS x 64.06
RMS y 58.92
side N [adc counts]
side P [adc counts]

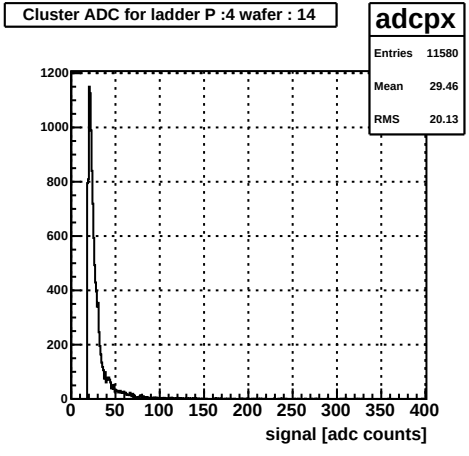

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9235
Mean 36.72
RMS 36.78
signal [adc counts]

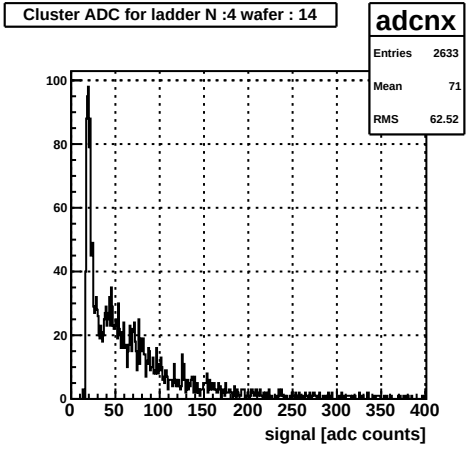

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2966
Mean 66.08
RMS 62.73
signal [adc counts]

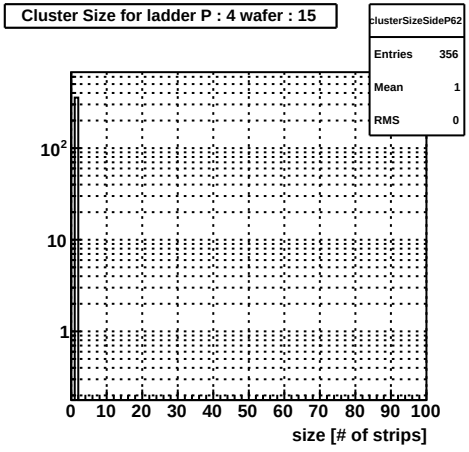

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11580
Mean 1.095
RMS 0.3436
size [# of strips]

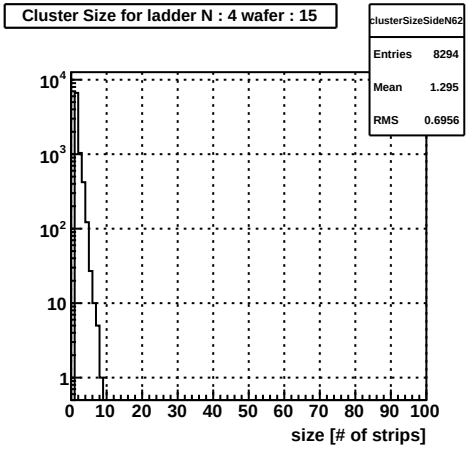

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2633
Mean 1.476
RMS 0.8307
size [# of strips]

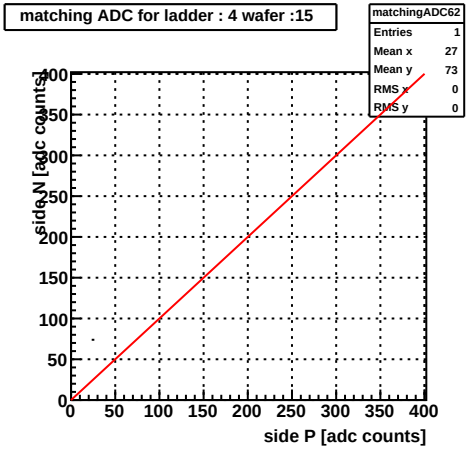

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 675
Mean x 74.14
Mean y 87.03
RMS x 58.87
RMS y 67.27
side N [adc counts]
side P [adc counts]

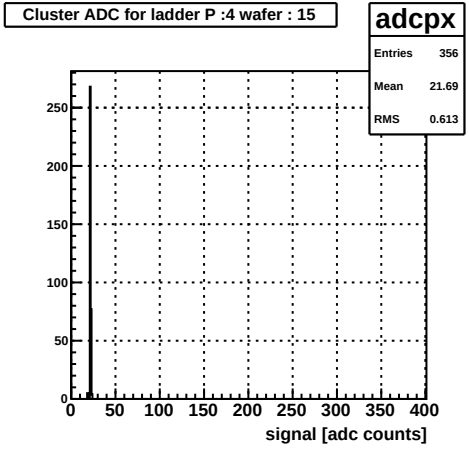

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11580
Mean 29.46
RMS 20.13
signal [adc counts]

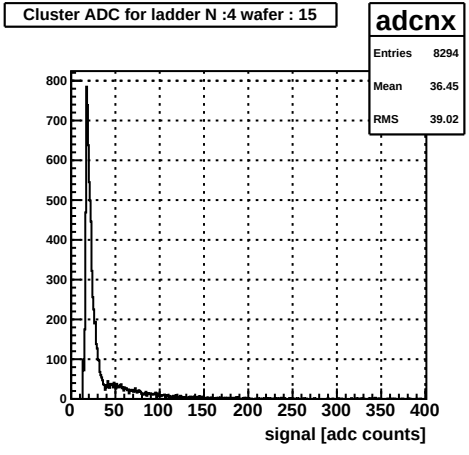

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2633
Mean 71
RMS 62.52
signal [adc counts]

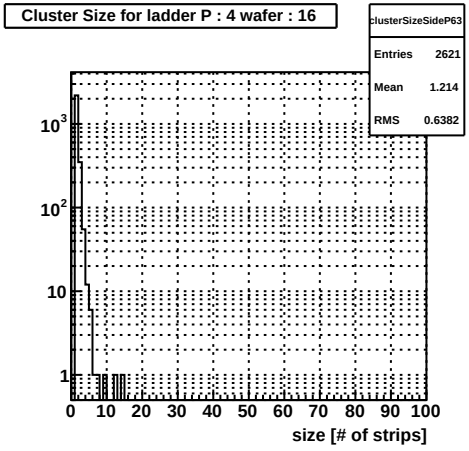

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 356
Mean 1
RMS 0
size [# of strips]

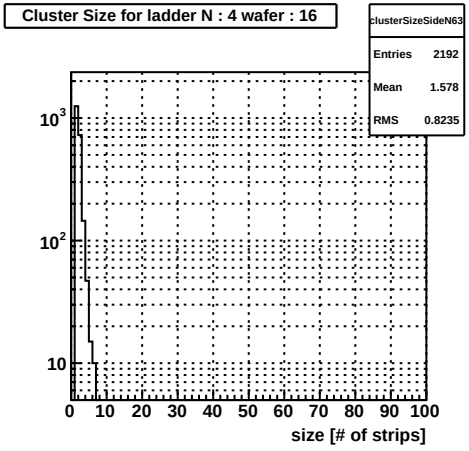

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 8294
Mean 1.295
RMS 0.6956
size [# of strips]

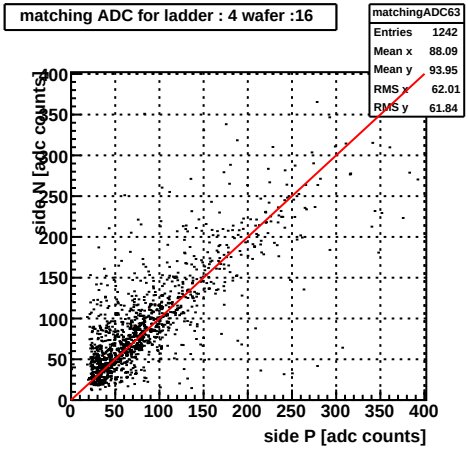

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1
Mean x 27
Mean y 73
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

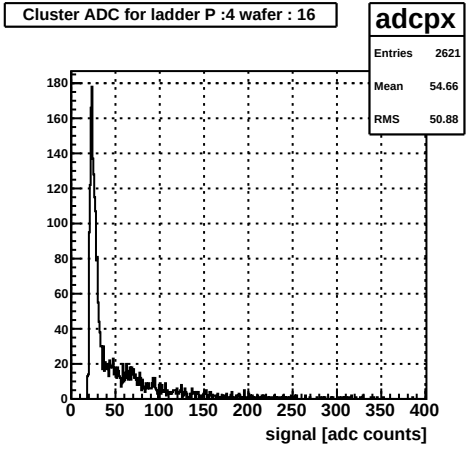

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 356
Mean 21.69
RMS 0.613
signal [adc counts]

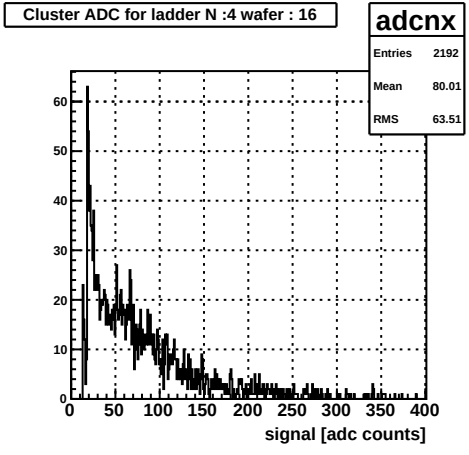

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 8294
Mean 36.45
RMS 39.02
signal [adc counts]

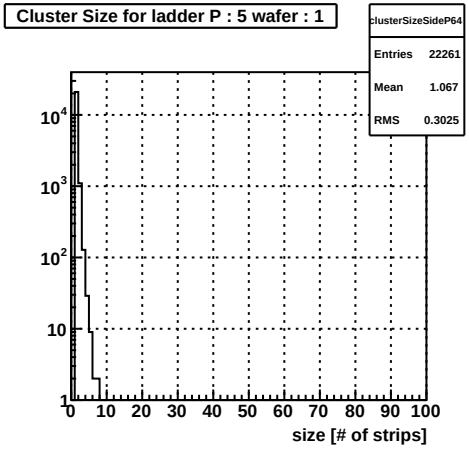

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2621
Mean 1.214
RMS 0.6382
size [# of strips]

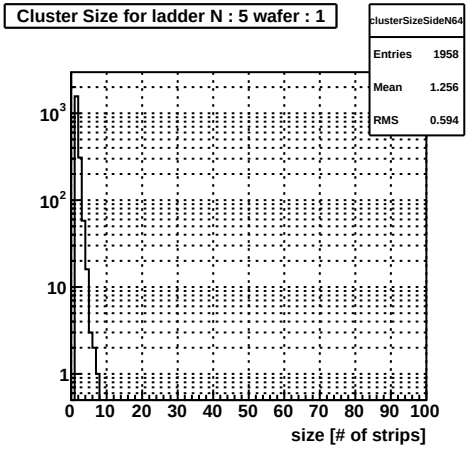

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2192
Mean 1.578
RMS 0.8235
size [# of strips]

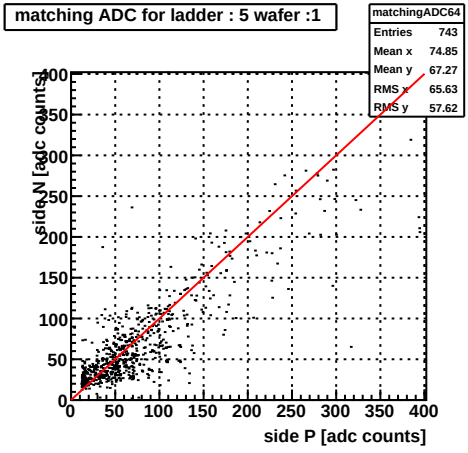

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1242
Mean x 88.09
Mean y 93.95
RMS x 62.01
RMS y 61.84
side N [adc counts]
side P [adc counts]

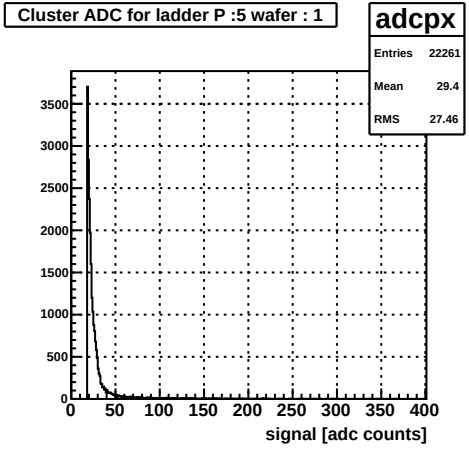

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2621
Mean 54.66
RMS 50.88
signal [adc counts]

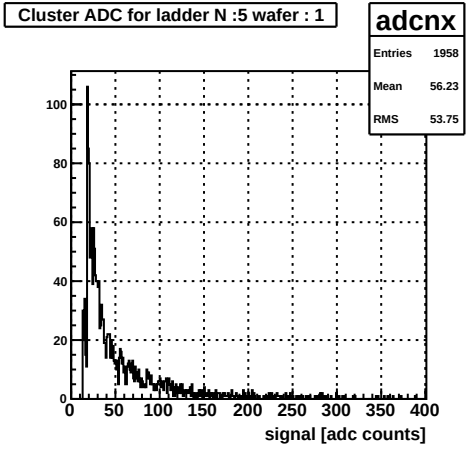

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2192
Mean 80.01
RMS 63.51
signal [adc counts]

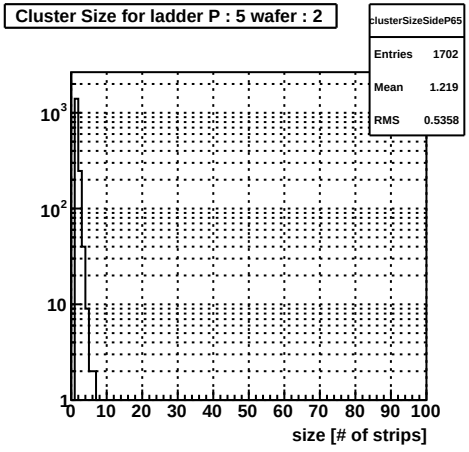

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 22261
Mean 1.067
RMS 0.3025
size [# of strips]

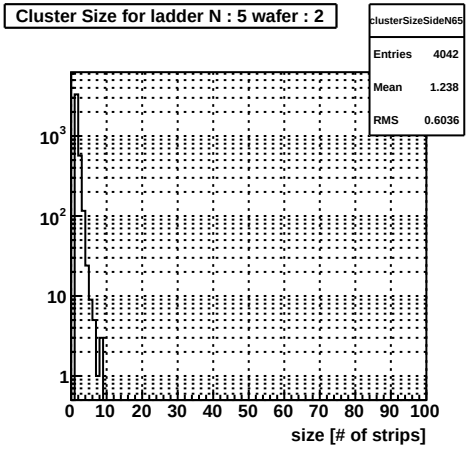

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1958
Mean 1.256
RMS 0.594
size [# of strips]

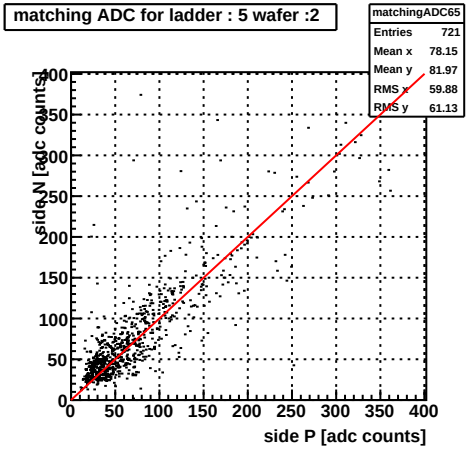

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 743
Mean x 74.85
Mean y 67.27
RMS x 65.63
RMS y 57.62
side N [adc counts]
side P [adc counts]

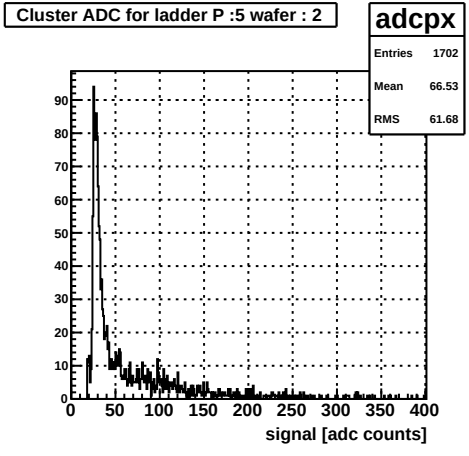

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 22261
Mean 29.4
RMS 27.46
signal [adc counts]

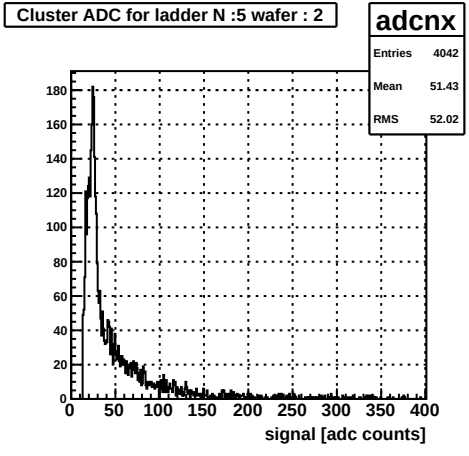

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1958
Mean 56.23
RMS 53.75
signal [adc counts]

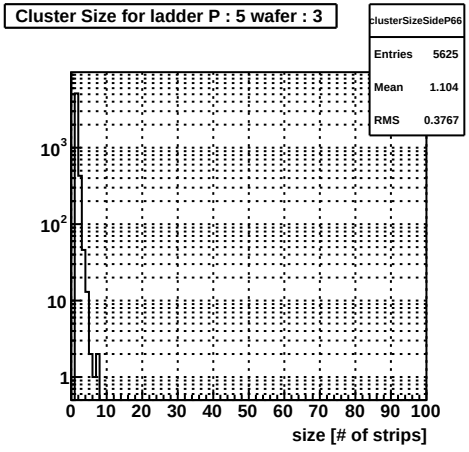

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1702
Mean 1.219
RMS 0.5358
size [# of strips]

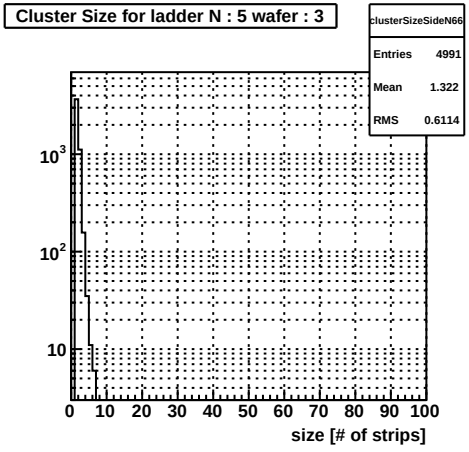

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4042
Mean 1.238
RMS 0.6036
size [# of strips]

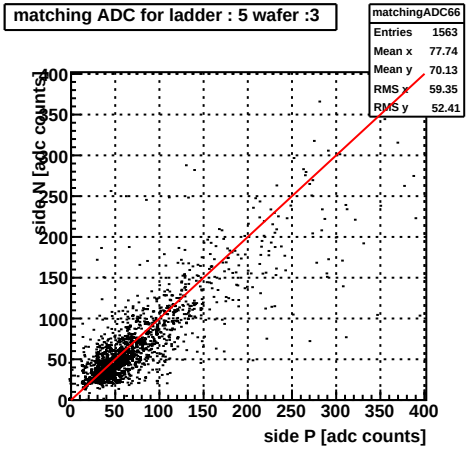

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 721
Mean x 78.15
Mean y 81.97
RMS x 59.88
RMS y 61.13
side N [adc counts]
side P [adc counts]

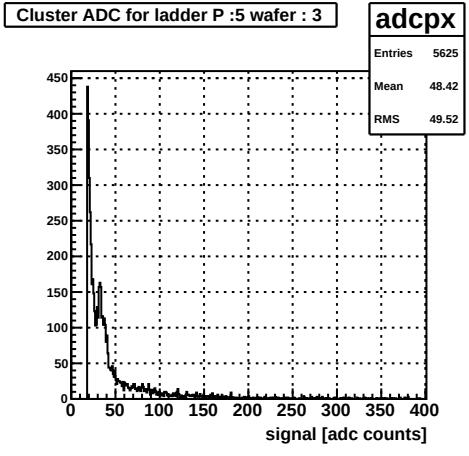

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1702
Mean 66.53
RMS 61.68
signal [adc counts]

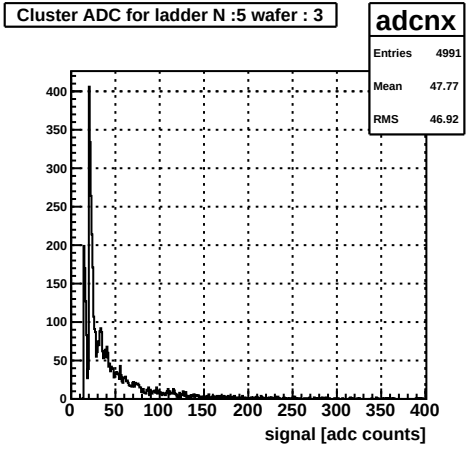

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4042
Mean 51.43
RMS 52.02
signal [adc counts]

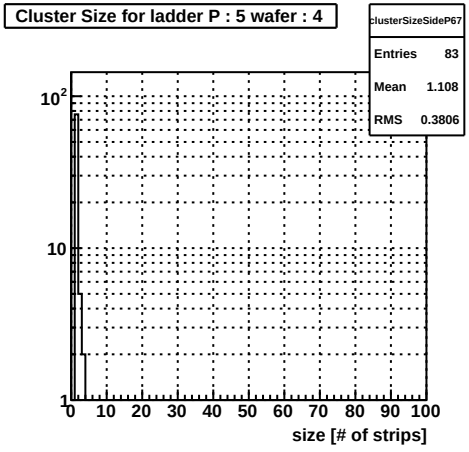

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5625
Mean 1.104
RMS 0.3767
size [# of strips]

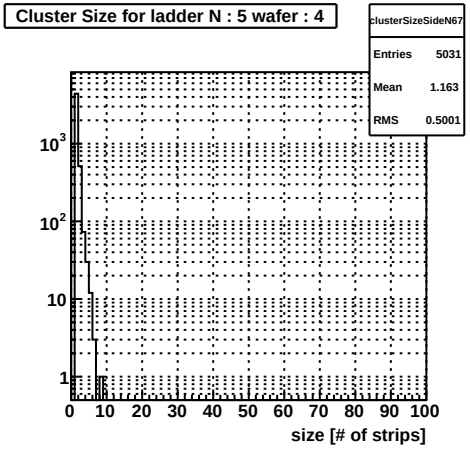

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4991
Mean 1.322
RMS 0.6114
size [# of strips]

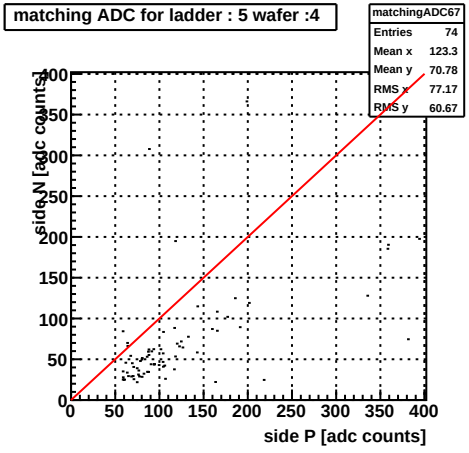

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1563
Mean x 77.74
Mean y 70.13
RMS x 59.35
RMS y 52.41
side N [adc counts]
side P [adc counts]

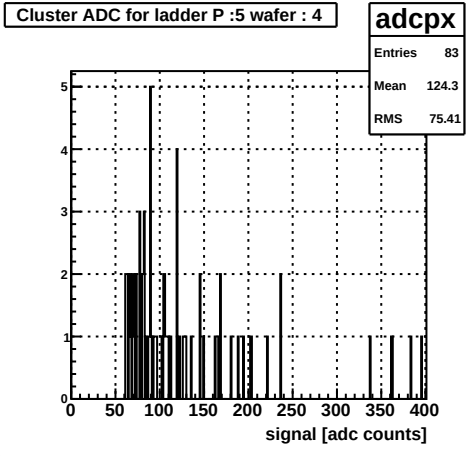

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5625
Mean 48.42
RMS 49.52
signal [adc counts]

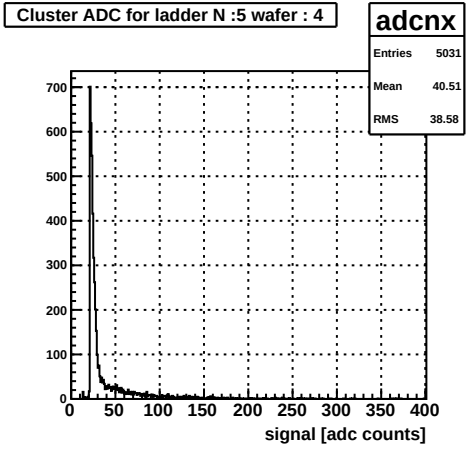

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4991
Mean 47.77
RMS 46.92
signal [adc counts]

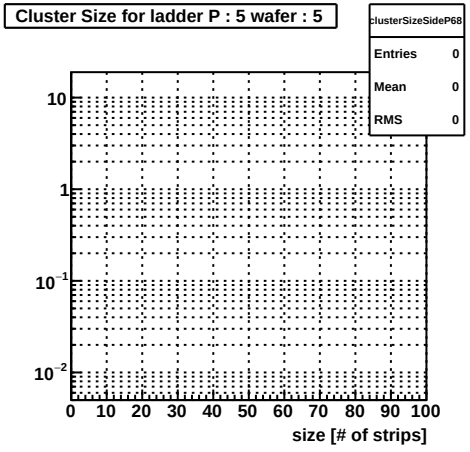

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 83
Mean 1.108
RMS 0.3806
size [# of strips]

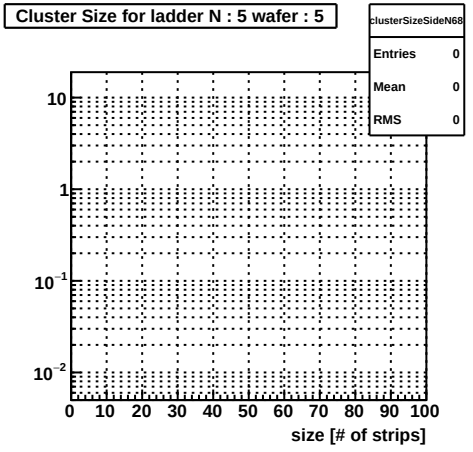

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5031
Mean 1.163
RMS 0.5001
size [# of strips]

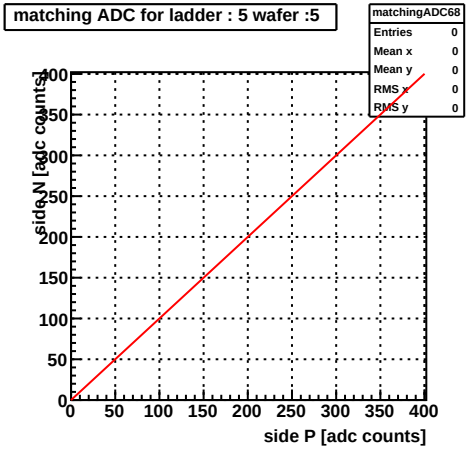

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 74
Mean x 123.3
Mean y 70.78
RMS x 77.17
RMS y 60.67
side N [adc counts]
side P [adc counts]

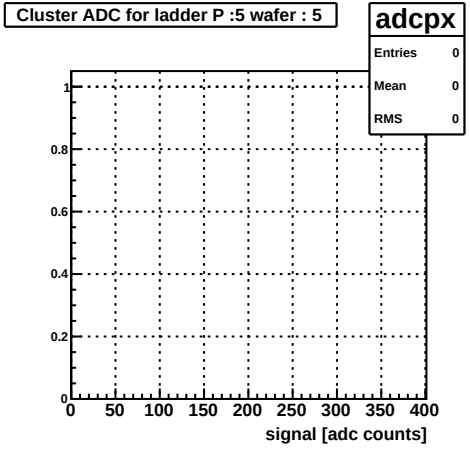

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 83
Mean 124.3
RMS 75.41
signal [adc counts]

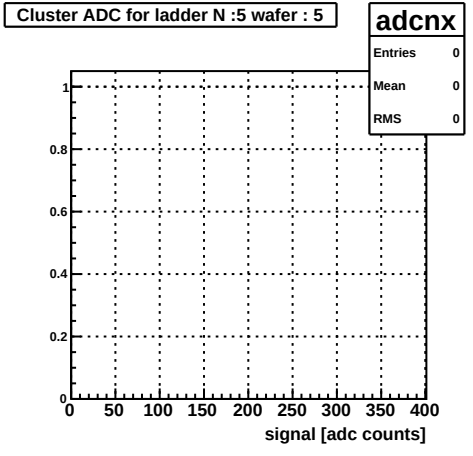

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5031
Mean 40.51
RMS 38.58
signal [adc counts]

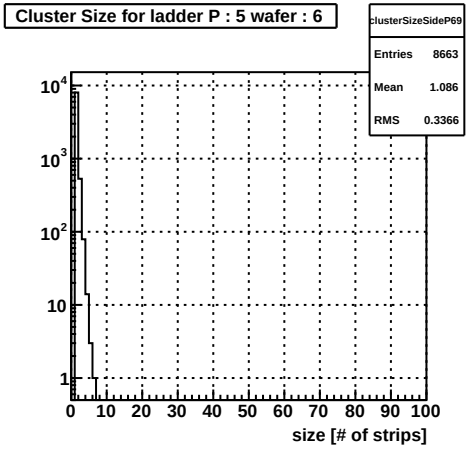

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 0
Mean 0
RMS 0
size [# of strips]

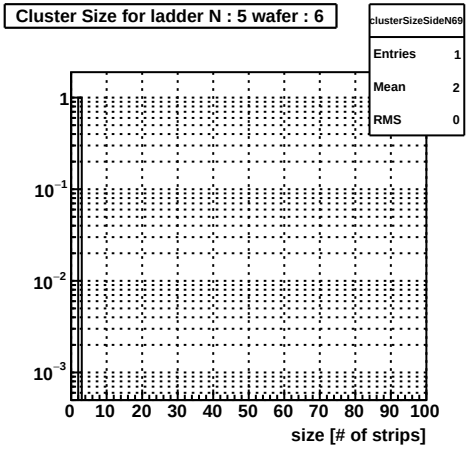

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

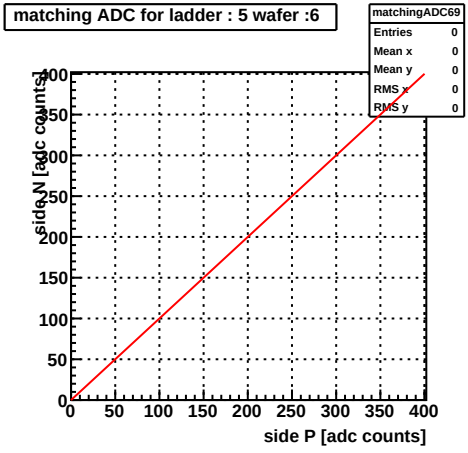

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

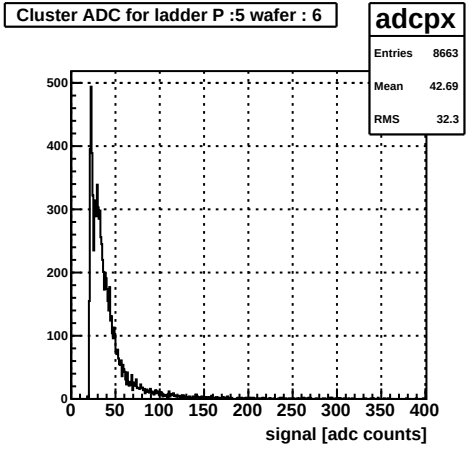

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

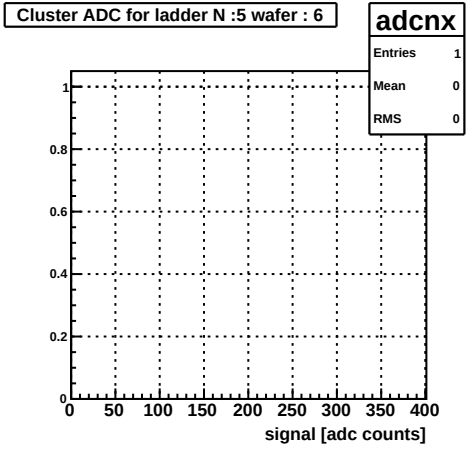

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

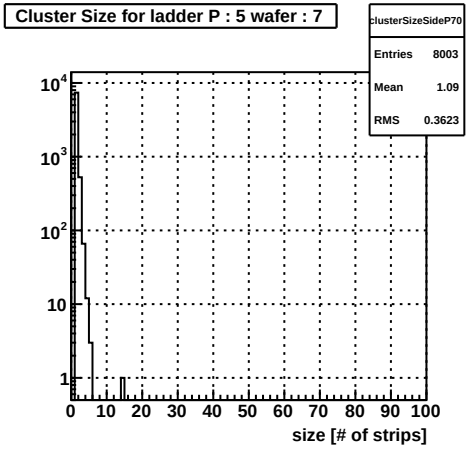

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8663
Mean 1.086
RMS 0.3366
size [# of strips]

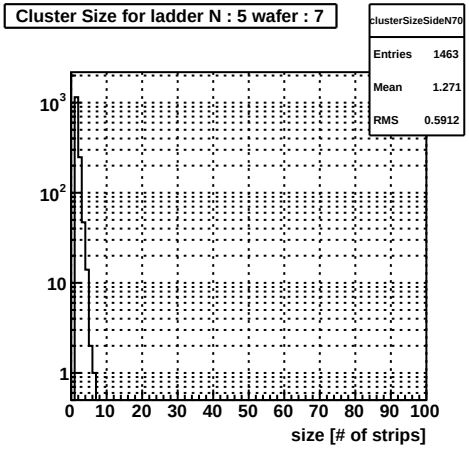

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1
Mean 2
RMS 0
size [# of strips]

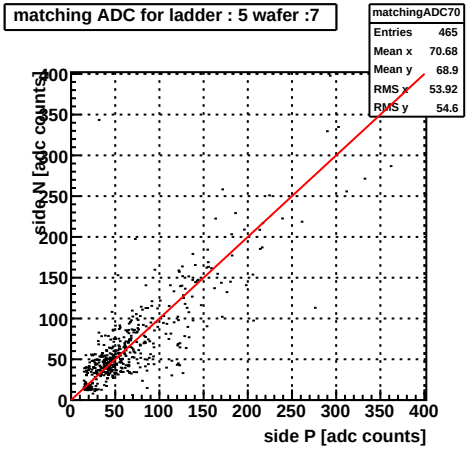

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

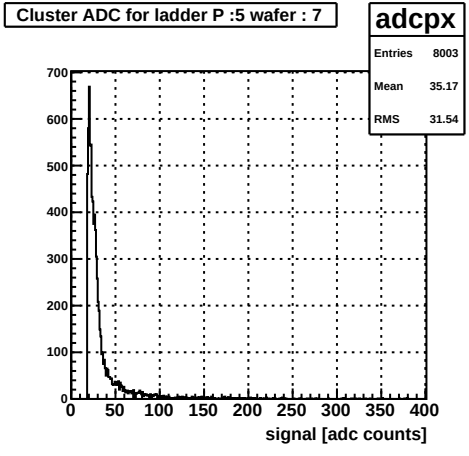

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8663
Mean 42.69
RMS 32.3
signal [adc counts]

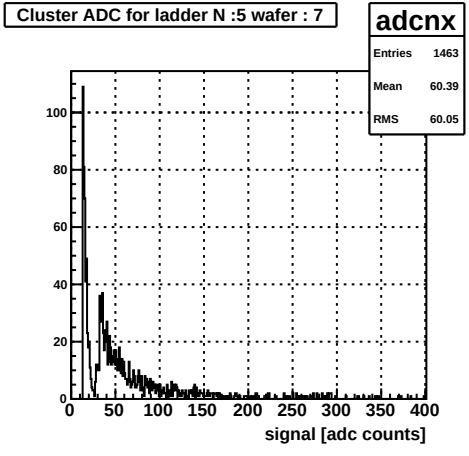

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

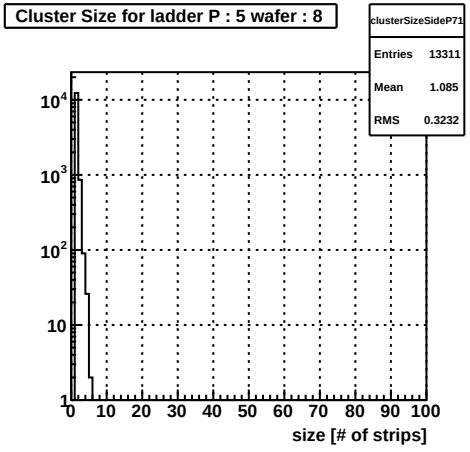

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8003
Mean 1.09
RMS 0.3623
size [# of strips]

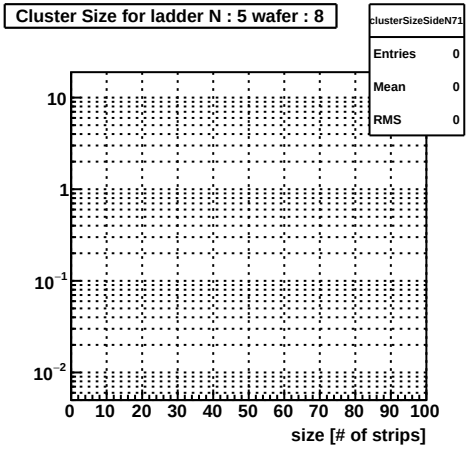

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1463
Mean 1.271
RMS 0.5912
size [# of strips]

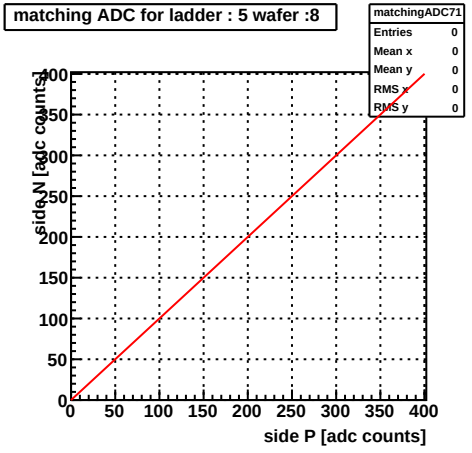

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 465
Mean x 70.68
Mean y 68.9
RMS x 53.92
RMS y 54.6
side N [adc counts]
side P [adc counts]

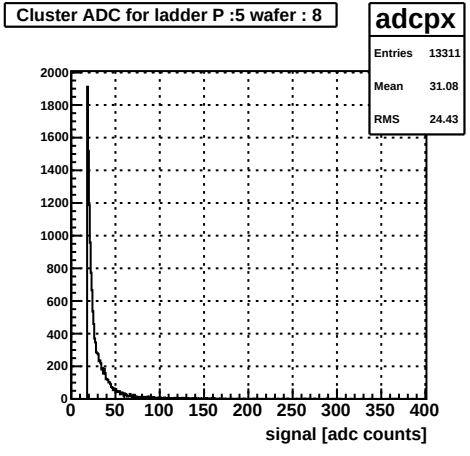

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8003
Mean 35.17
RMS 31.54
signal [adc counts]

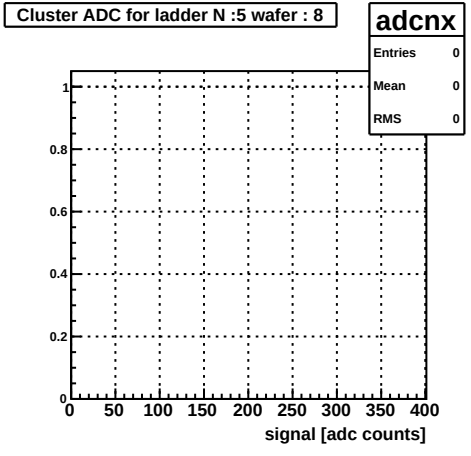

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1463
Mean 60.39
RMS 60.05
signal [adc counts]

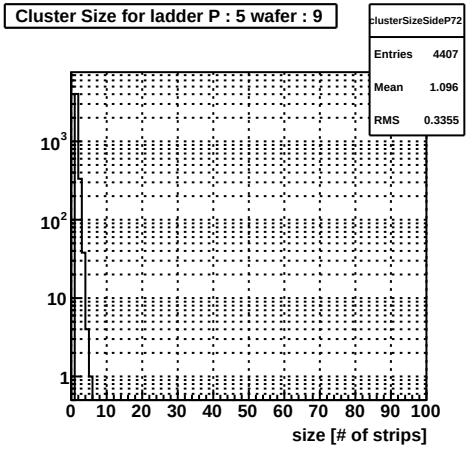

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13311
Mean 1.085
RMS 0.3232
size [# of strips]

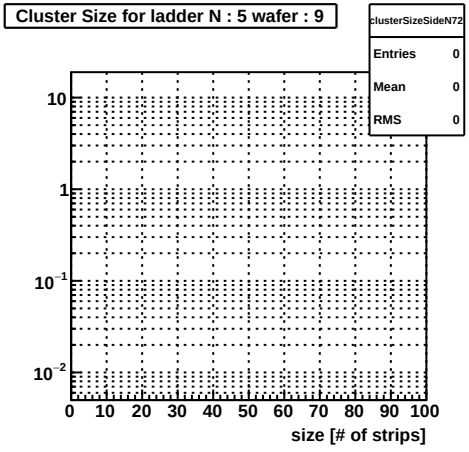

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

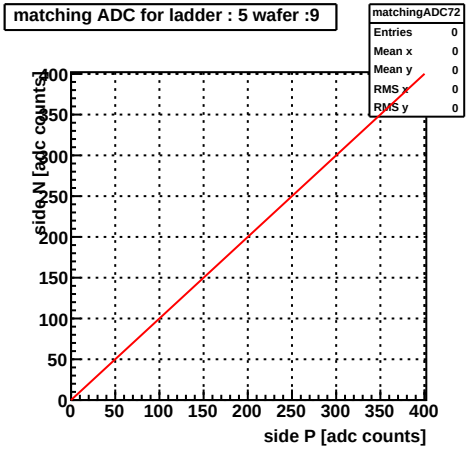

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

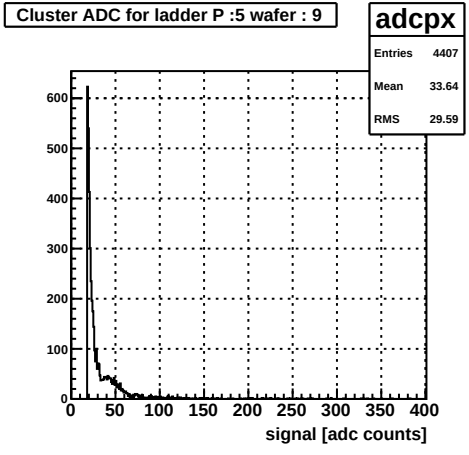

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13311
Mean 31.08
RMS 24.43
signal [adc counts]

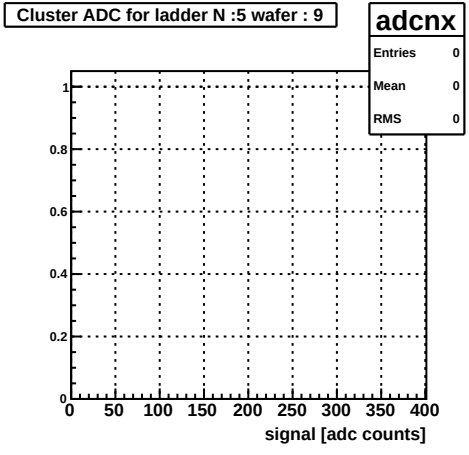

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

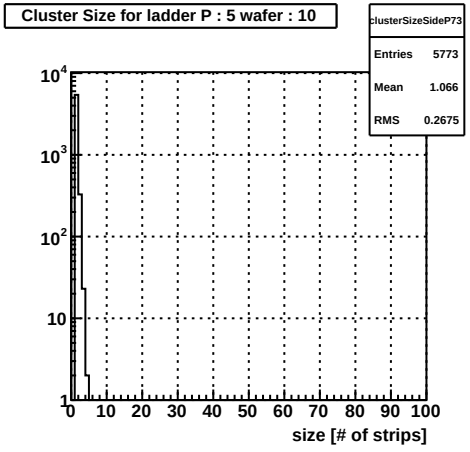

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4407
Mean 1.096
RMS 0.3355
size [# of strips]

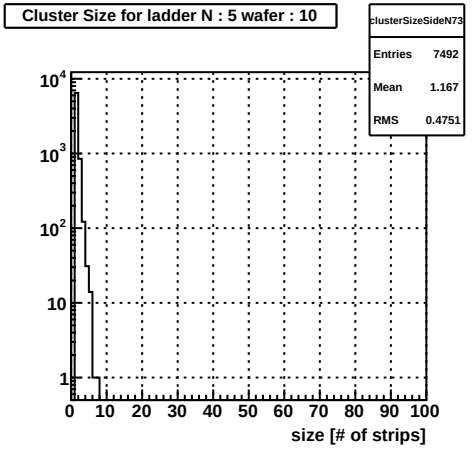

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

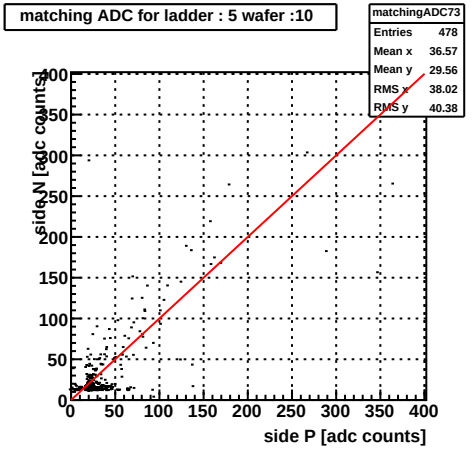

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

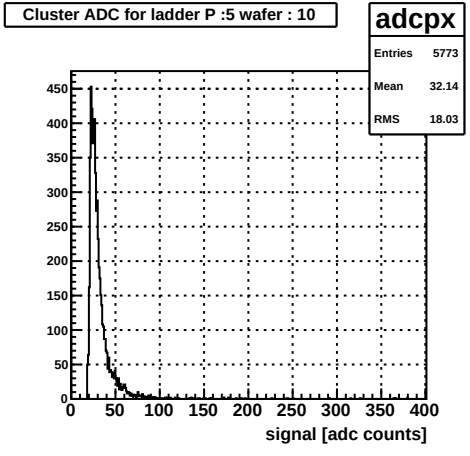

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4407
Mean 33.64
RMS 29.59
signal [adc counts]

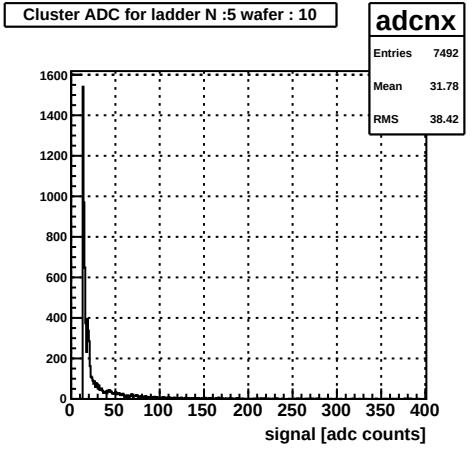

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

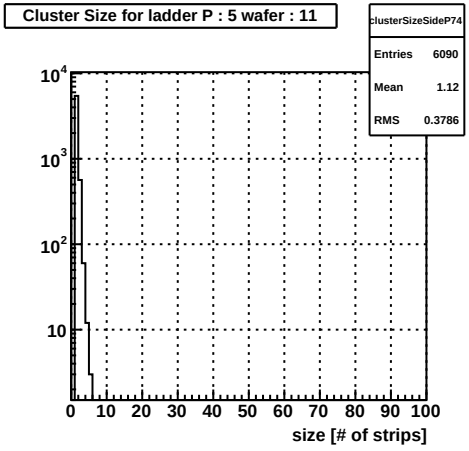

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5773
Mean 1.066
RMS 0.2675
size [# of strips]

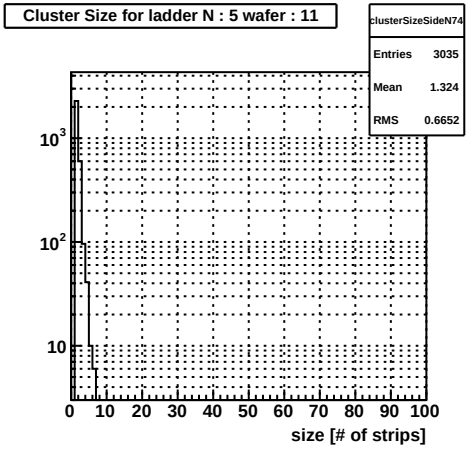

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7492
Mean 1.167
RMS 0.4751
size [# of strips]

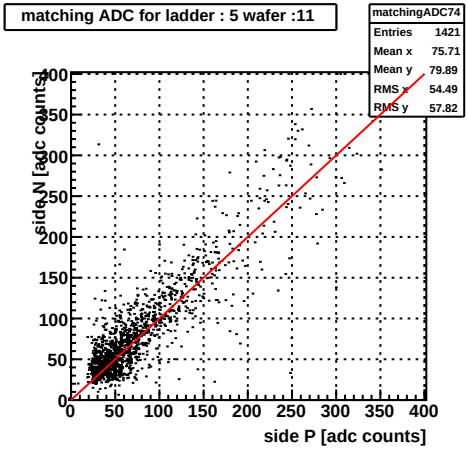

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 478
Mean x 36.57
Mean y 29.56
RMS x 38.02
RMS y 40.38
side N [adc counts]
side P [adc counts]

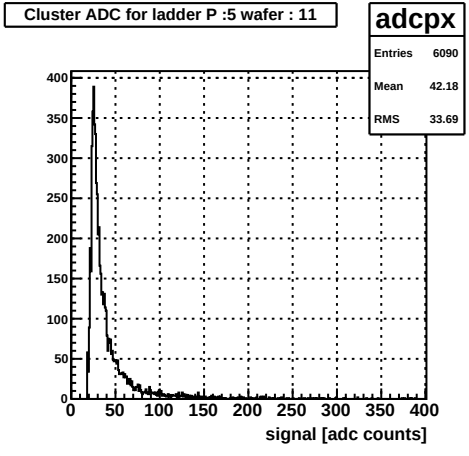

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5773
Mean 32.14
RMS 18.03
signal [adc counts]

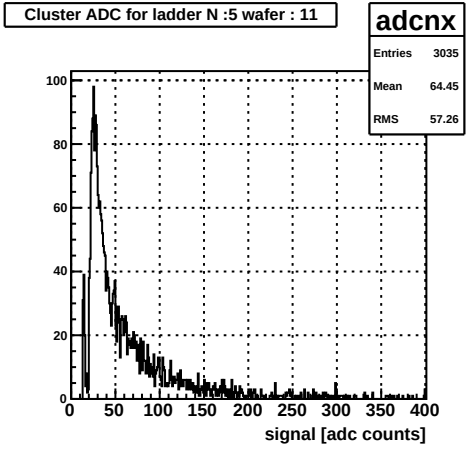

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7492
Mean 31.78
RMS 38.42
signal [adc counts]

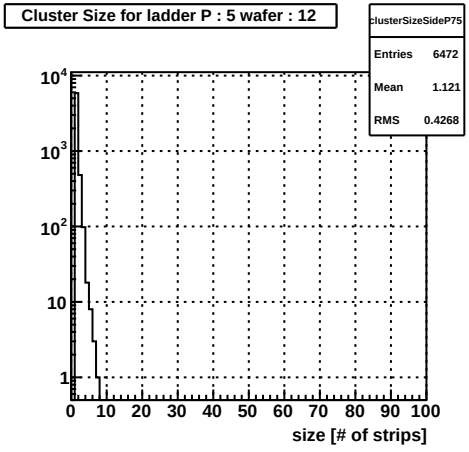

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6090
Mean 1.12
RMS 0.3786
size [# of strips]

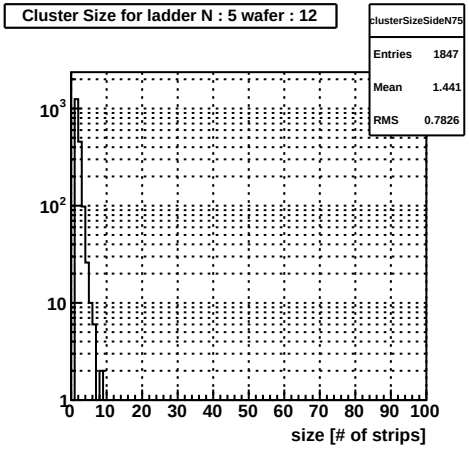

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3035
Mean 1.324
RMS 0.6652
size [# of strips]

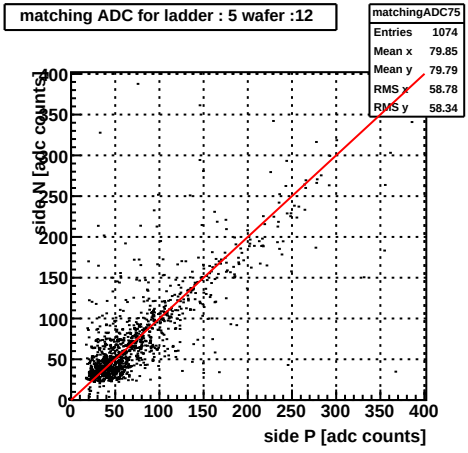

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1421
Mean x 75.71
Mean y 79.89
RMS x 54.49
RMS y 57.82
side N [adc counts]
side P [adc counts]

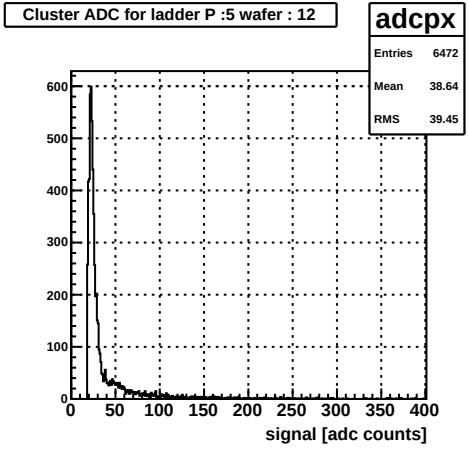

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6090
Mean 42.18
RMS 33.69
signal [adc counts]

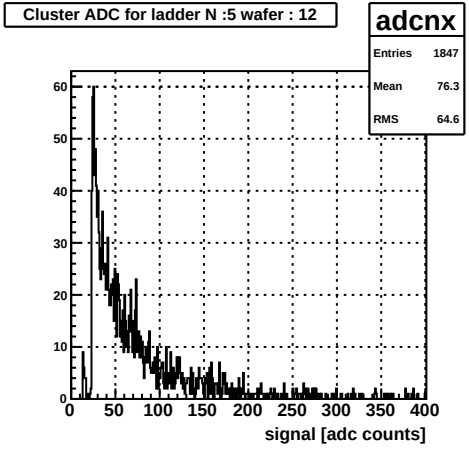

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3035
Mean 64.45
RMS 57.26
signal [adc counts]

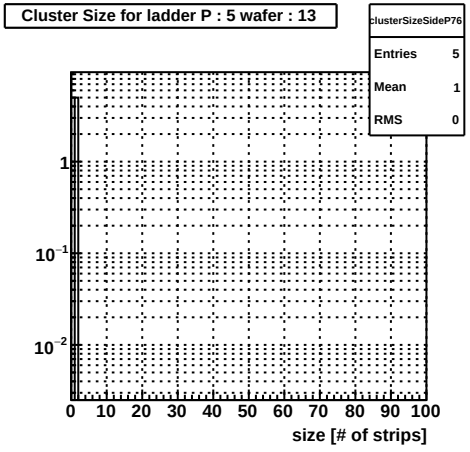

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6472
Mean 1.121
RMS 0.4268
size [# of strips]

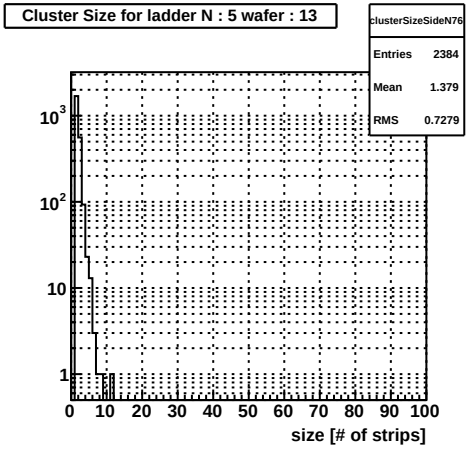

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1847
Mean 1.441
RMS 0.7826
size [# of strips]

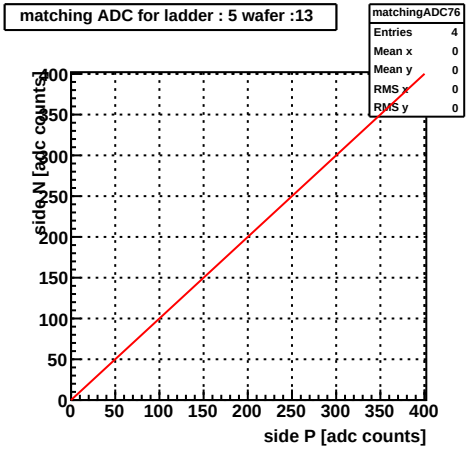

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1074
Mean x 79.85
Mean y 79.79
RMS x 58.78
RMS y 58.34
side N [adc counts]
side P [adc counts]

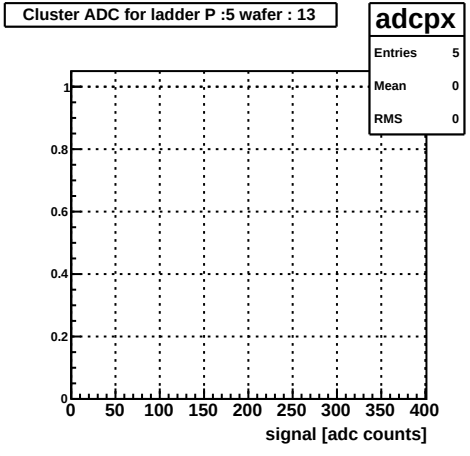

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6472
Mean 38.64
RMS 39.45
signal [adc counts]

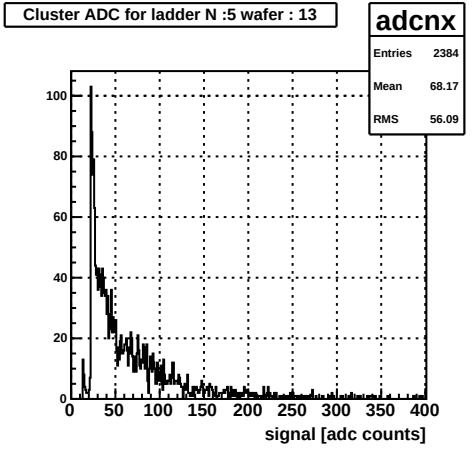

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1847
Mean 76.3
RMS 64.6
signal [adc counts]

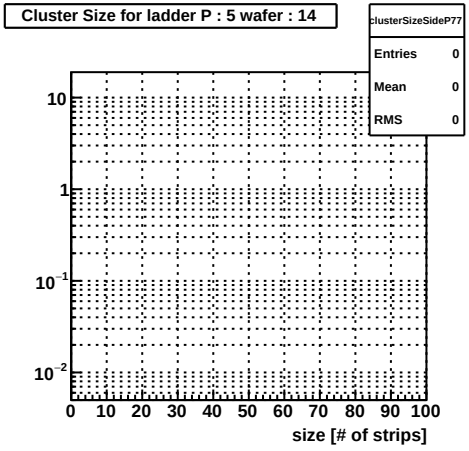

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 5
Mean 1
RMS 0
size [# of strips]

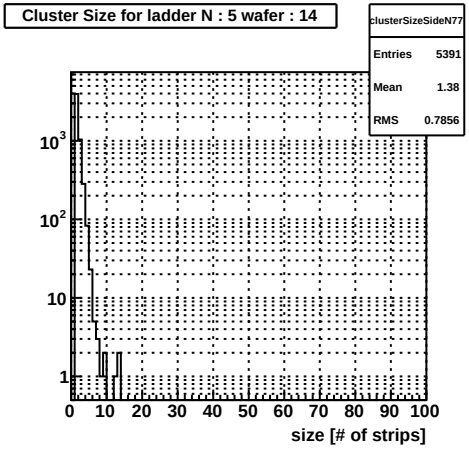

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2384
Mean 1.379
RMS 0.7279
size [# of strips]

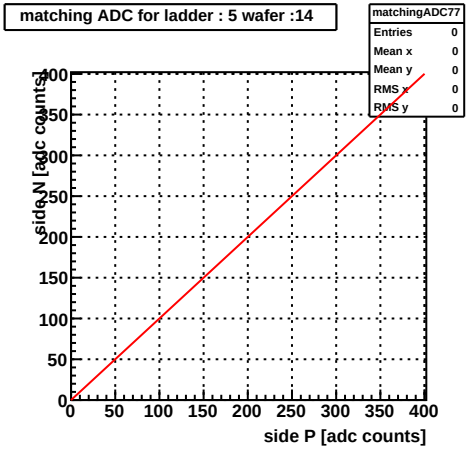

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

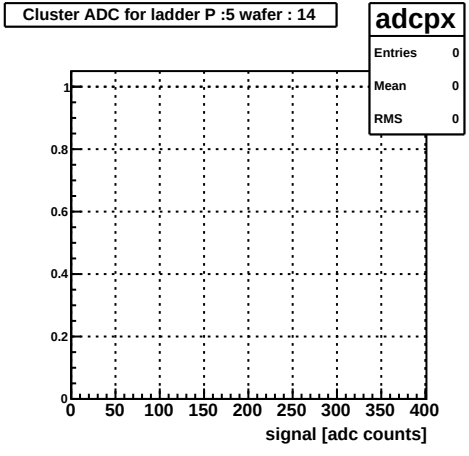

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

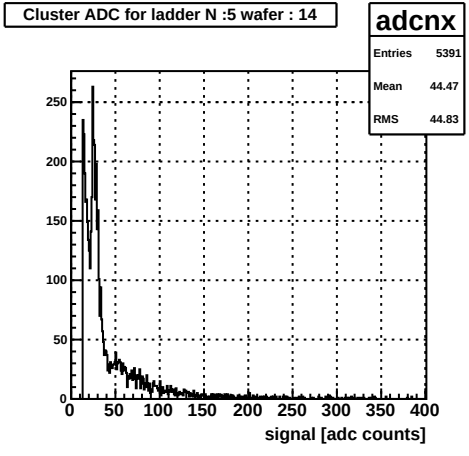

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2384
Mean 68.17
RMS 56.09
signal [adc counts]

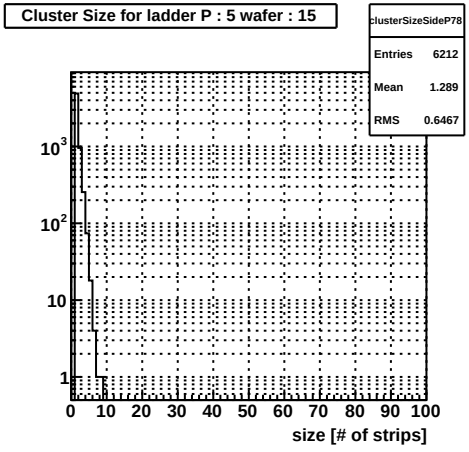

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

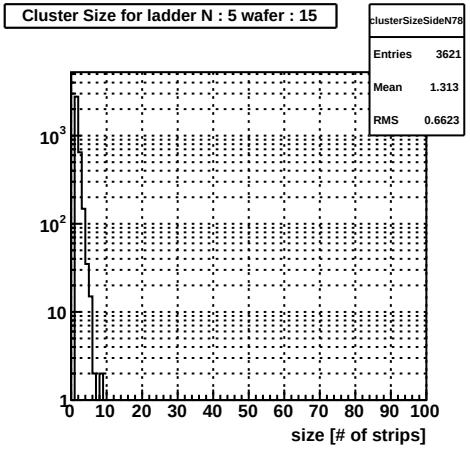

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5391
Mean 1.38
RMS 0.7856
size [# of strips]

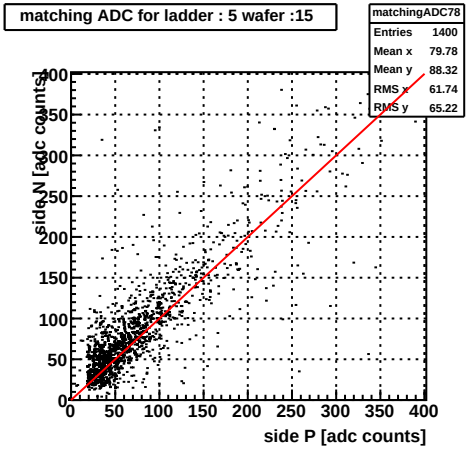

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

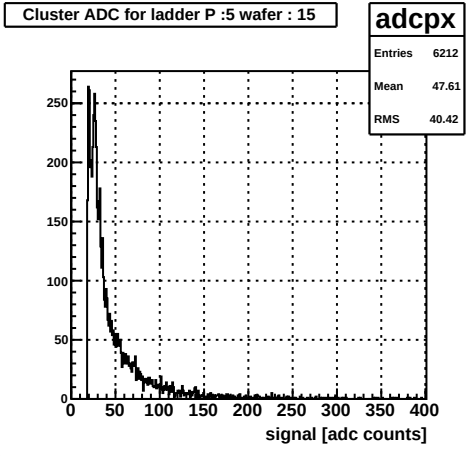

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

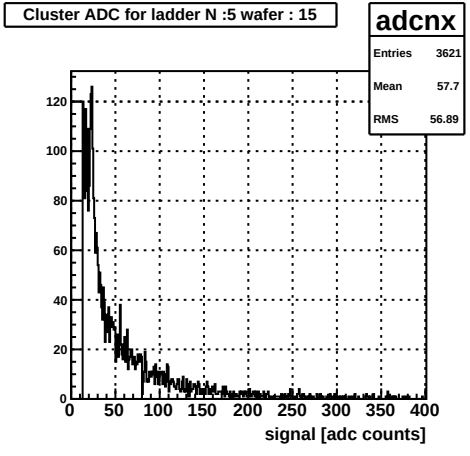

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5391
Mean 44.47
RMS 44.83
signal [adc counts]

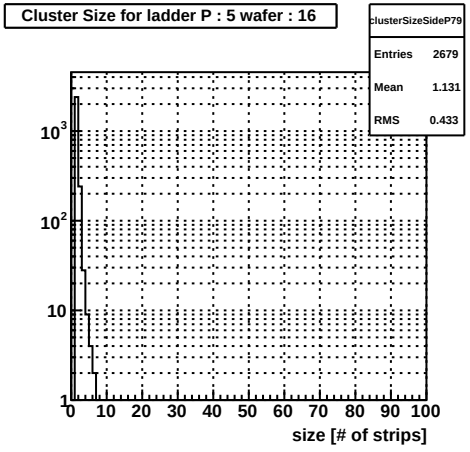

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6212
Mean 1.289
RMS 0.6467
size [# of strips]

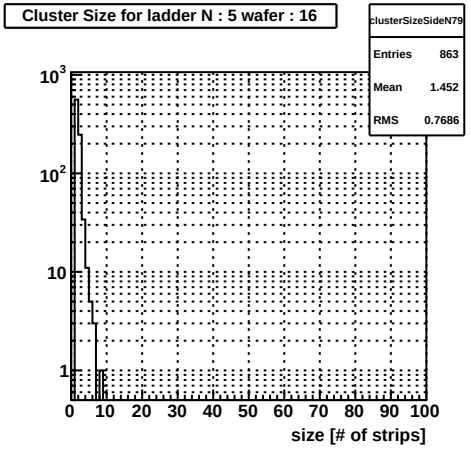

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3621
Mean 1.313
RMS 0.6623
size [# of strips]

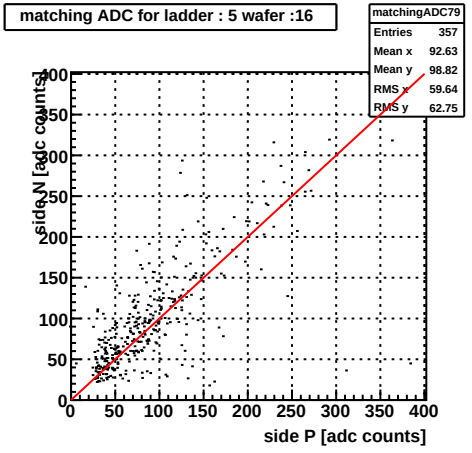

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1400
Mean x 79.78
Mean y 88.32
RMS x 61.74
RMS y 65.22
side N [adc counts]
side P [adc counts]

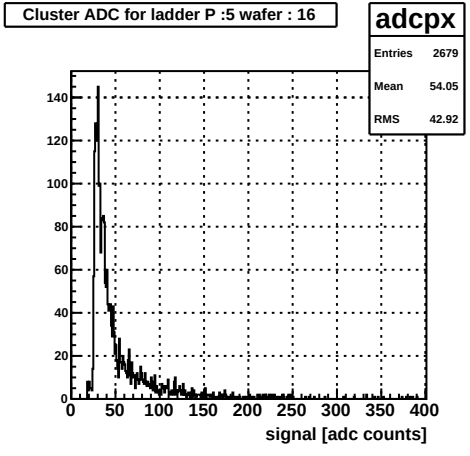

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6212
Mean 47.61
RMS 40.42
signal [adc counts]

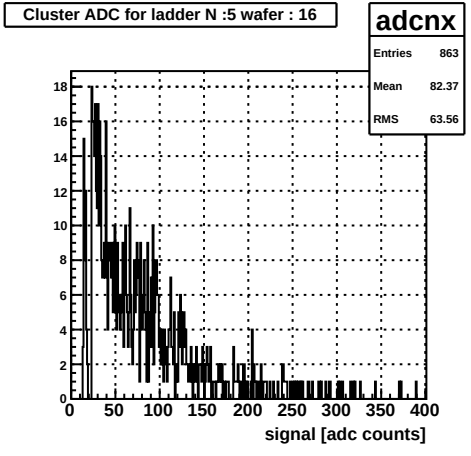

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3621
Mean 57.7
RMS 56.89
signal [adc counts]

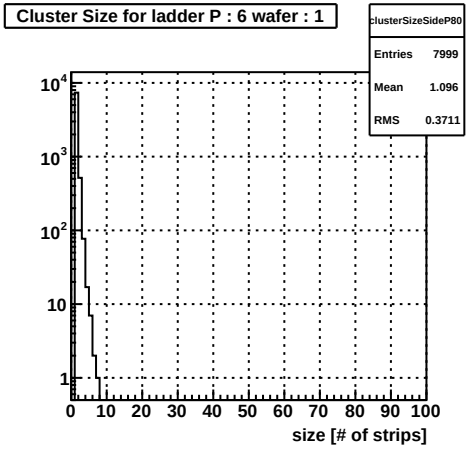

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2679
Mean 1.131
RMS 0.433
size [# of strips]

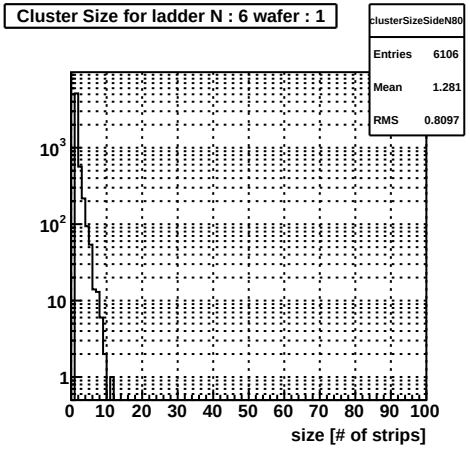

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 863
Mean 1.452
RMS 0.7686
size [# of strips]

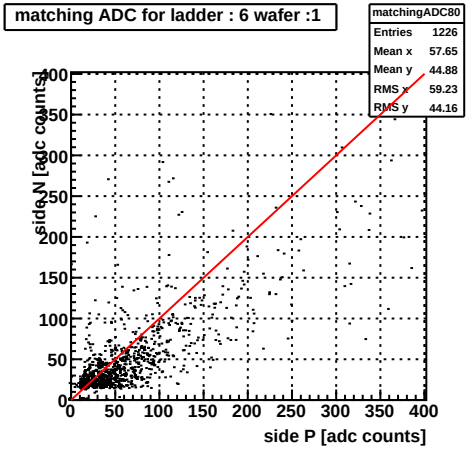

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 357
Mean x 92.63
Mean y 98.82
RMS x 59.64
RMS y 62.75
side N [adc counts]
side P [adc counts]

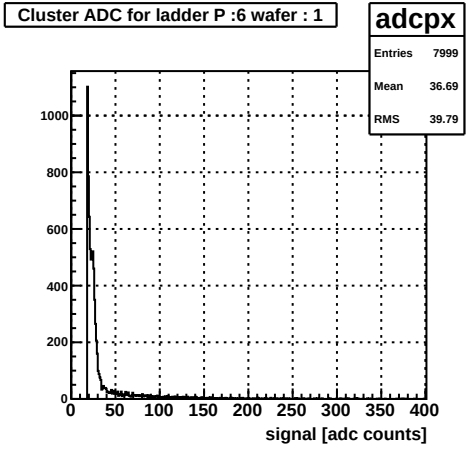

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2679
Mean 54.05
RMS 42.92
signal [adc counts]

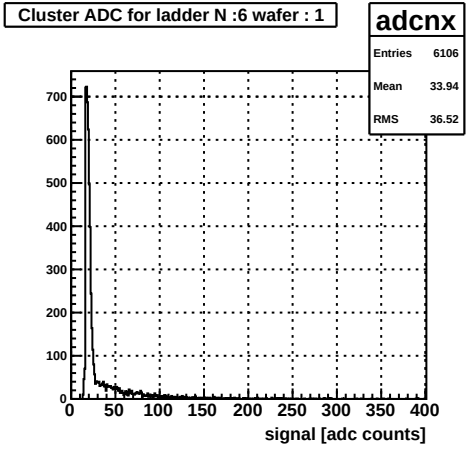

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 863
Mean 82.37
RMS 63.56
signal [adc counts]

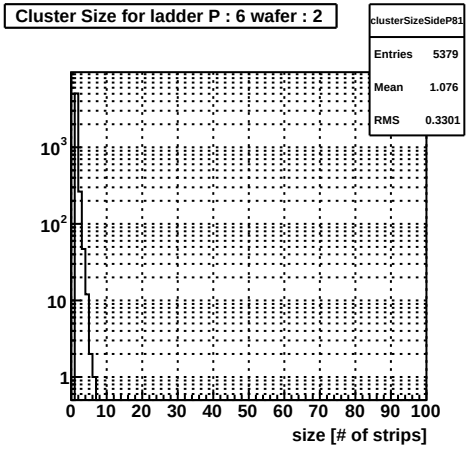

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7999
Mean 1.096
RMS 0.3711
size [# of strips]

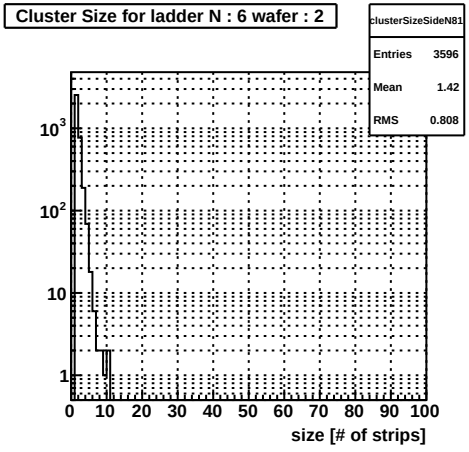

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 6106
Mean 1.281
RMS 0.8097
size [# of strips]

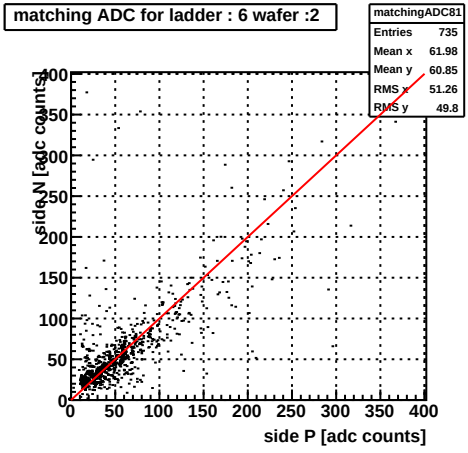

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1226
Mean x 57.65
Mean y 44.88
RMS x 59.23
RMS y 44.16
side N [adc counts]
side P [adc counts]

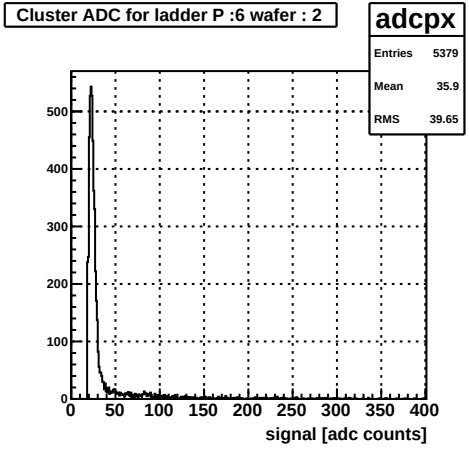

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7999
Mean 36.69
RMS 39.79
signal [adc counts]

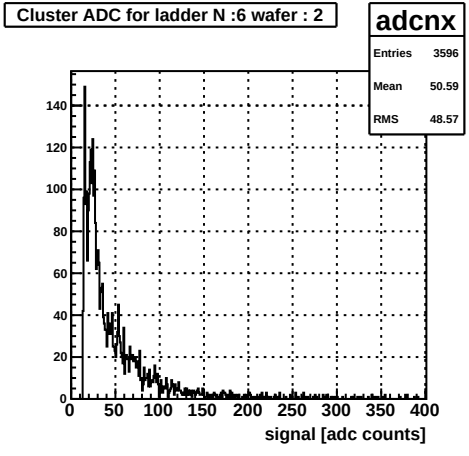

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 6106
Mean 33.94
RMS 36.52
signal [adc counts]

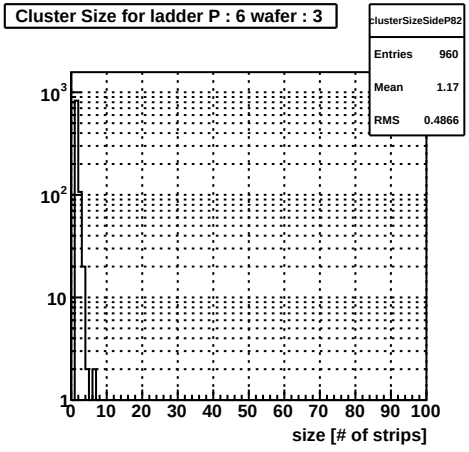

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5379
Mean 1.076
RMS 0.3301
size [# of strips]

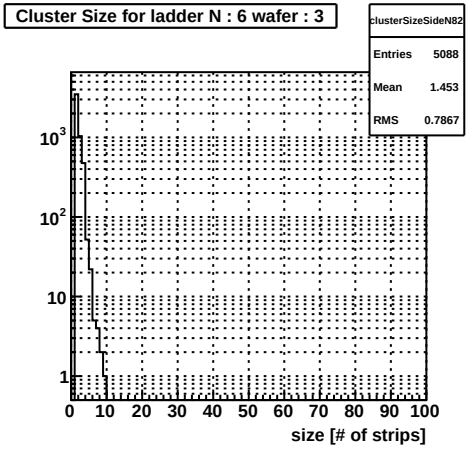

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3596
Mean 1.42
RMS 0.808
size [# of strips]

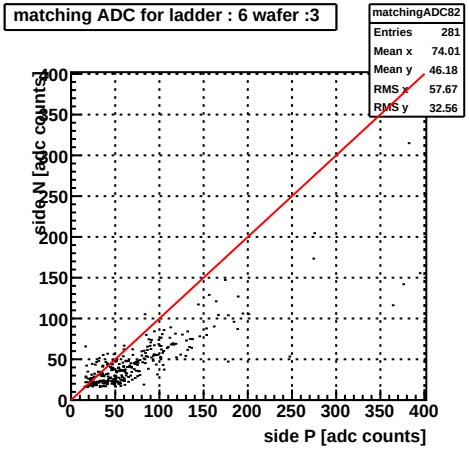

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 735
Mean x 61.98
Mean y 60.85
RMS x 51.26
RMS y 49.8
side N [adc counts]
side P [adc counts]

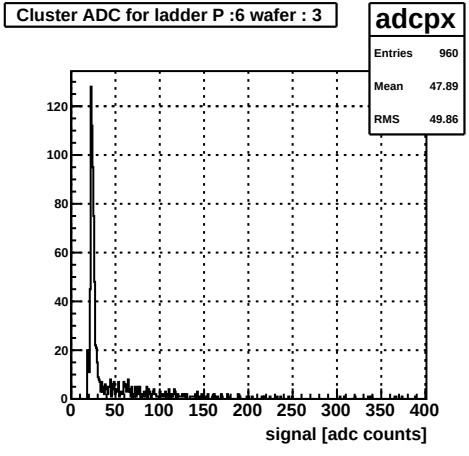

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5379
Mean 35.9
RMS 39.65
signal [adc counts]

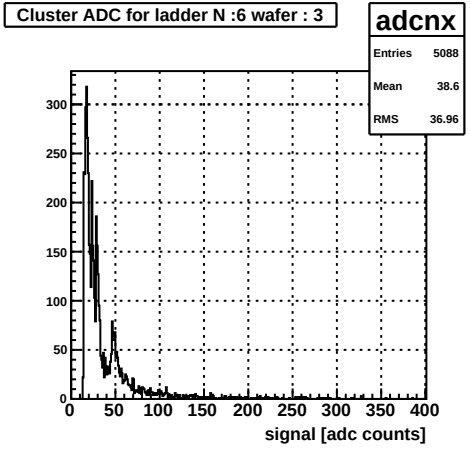

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3596
Mean 50.59
RMS 48.57
signal [adc counts]

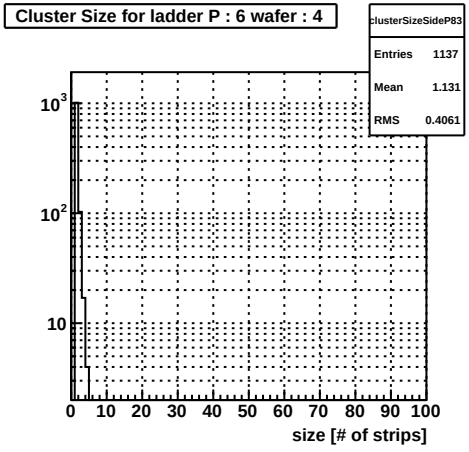

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 960
Mean 1.17
RMS 0.4866
size [# of strips]

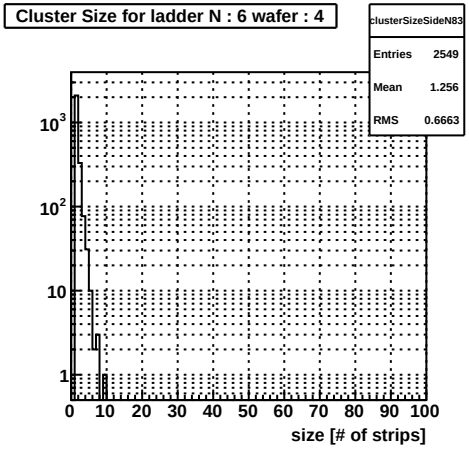

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5088
Mean 1.453
RMS 0.7867
size [# of strips]

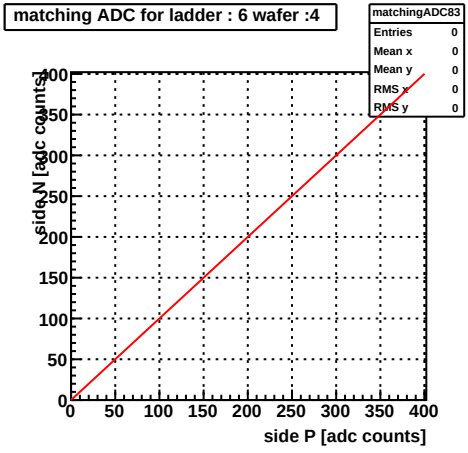

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 281
Mean x 74.01
Mean y 46.18
RMS x 57.67
RMS y 32.56
side N [adc counts]
side P [adc counts]

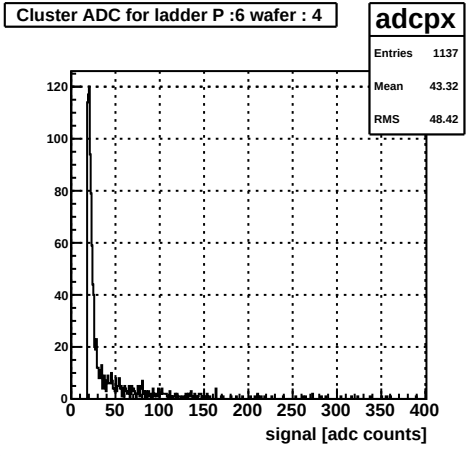

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 960
Mean 47.89
RMS 49.86
signal [adc counts]

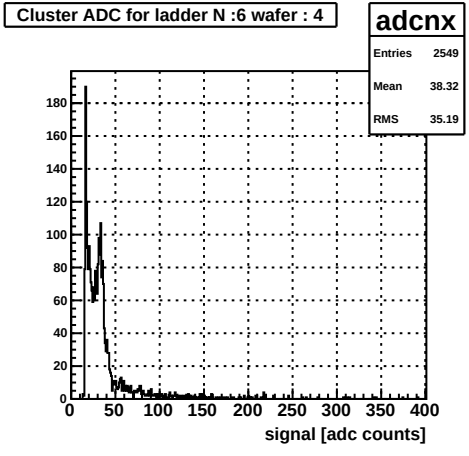

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5088
Mean 38.6
RMS 36.96
signal [adc counts]

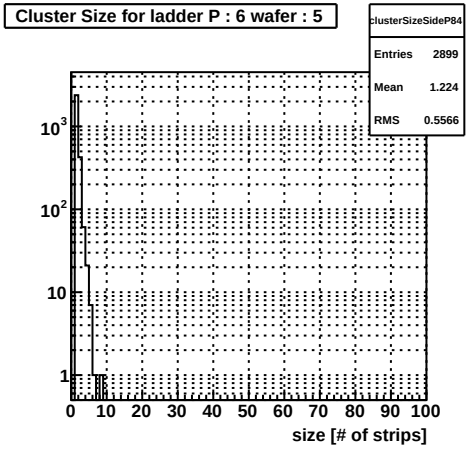

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1137
Mean 1.131
RMS 0.4061
size [# of strips]

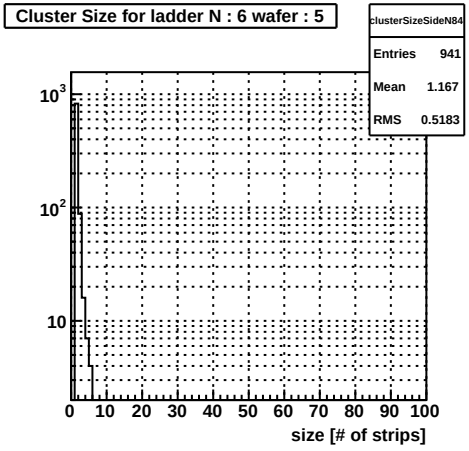

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2549
Mean 1.256
RMS 0.6663
size [# of strips]

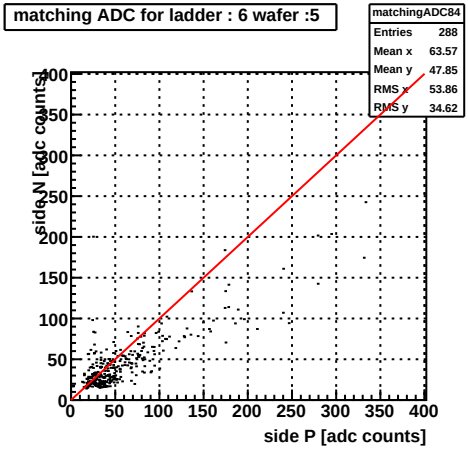

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

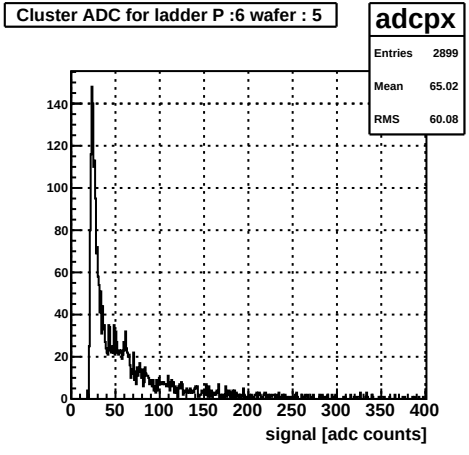

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1137
Mean 43.32
RMS 48.42
signal [adc counts]

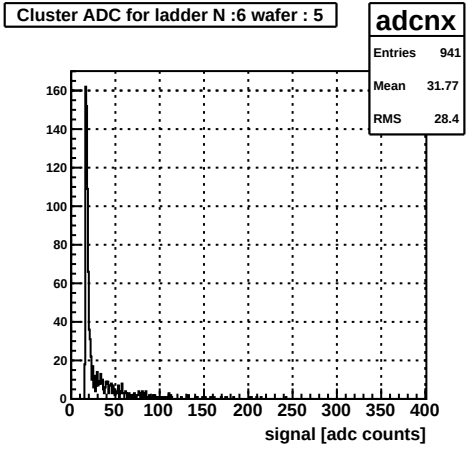

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2549
Mean 38.32
RMS 35.19
signal [adc counts]

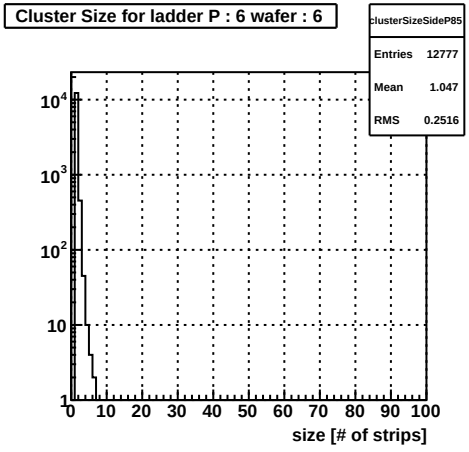

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2899
Mean 1.224
RMS 0.5566
size [# of strips]

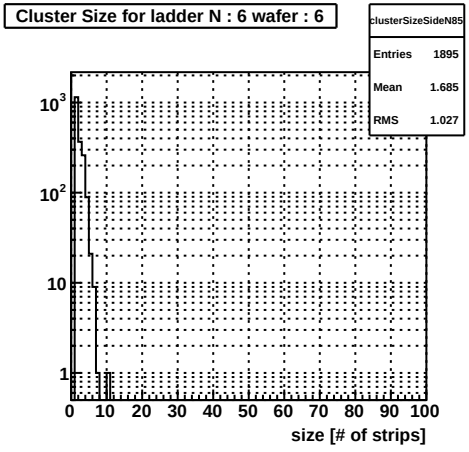

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 941
Mean 1.167
RMS 0.5183
size [# of strips]

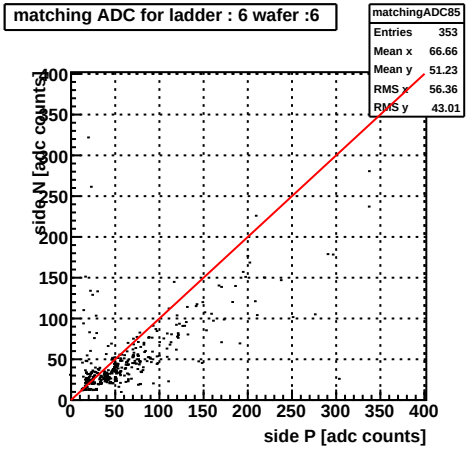

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 288
Mean x 63.57
Mean y 47.85
RMS x 53.86
RMS y 34.62
side N [adc counts]
side P [adc counts]

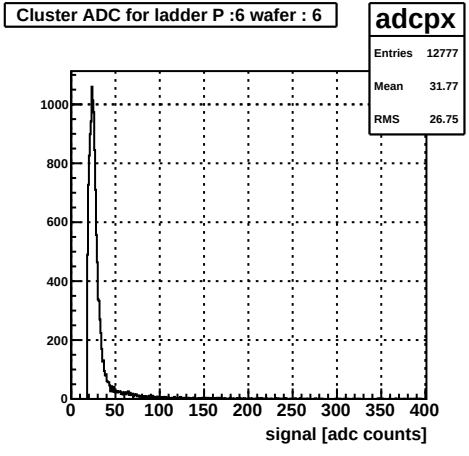

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2899
Mean 65.02
RMS 60.08
signal [adc counts]

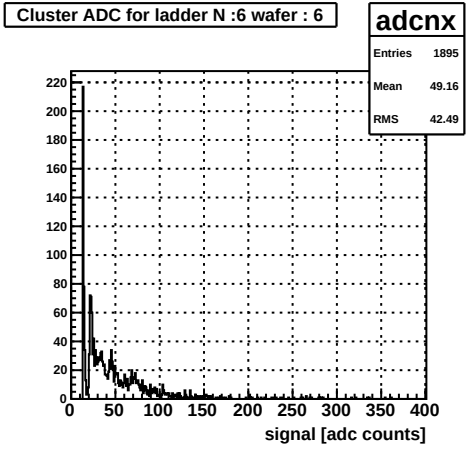

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 941
Mean 31.77
RMS 28.4
signal [adc counts]

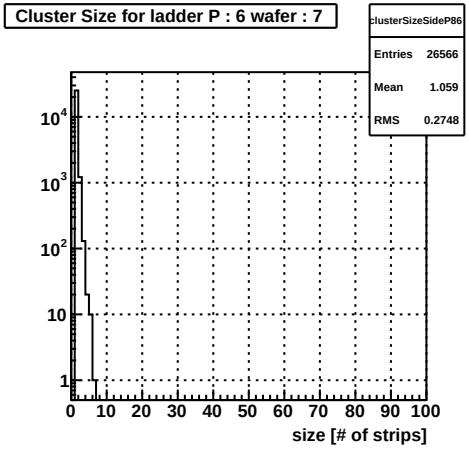

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 12777
Mean 1.047
RMS 0.2516
size [# of strips]

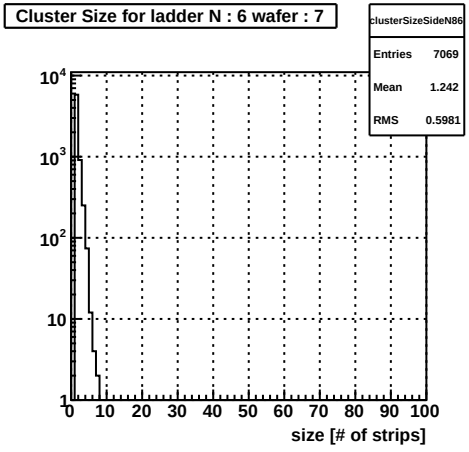

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1895
Mean 1.685
RMS 1.027
size [# of strips]

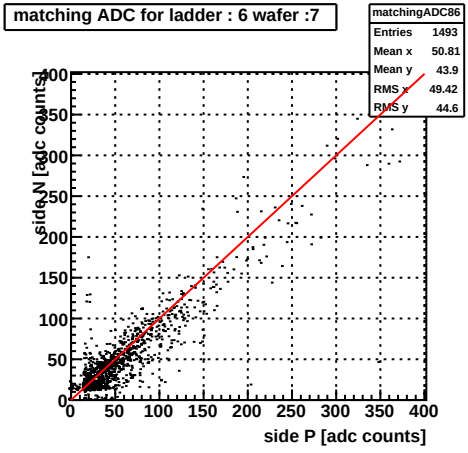

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 353
Mean x 66.66
Mean y 51.23
RMS x 56.36
RMS y 43.01
side N [adc counts]
side P [adc counts]

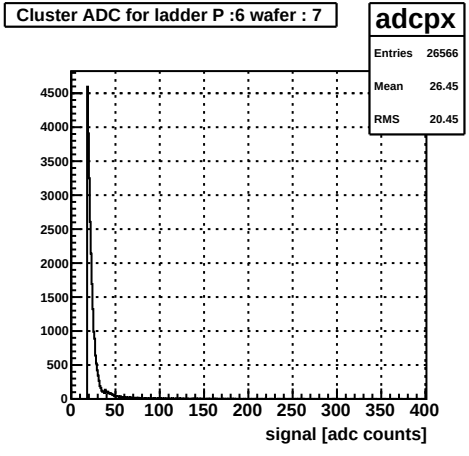

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 12777
Mean 31.77
RMS 26.75
signal [adc counts]

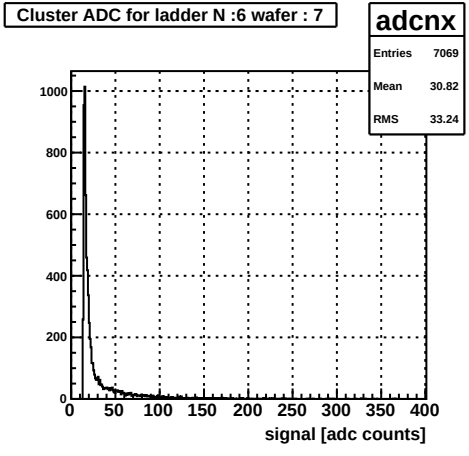

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1895
Mean 49.16
RMS 42.49
signal [adc counts]

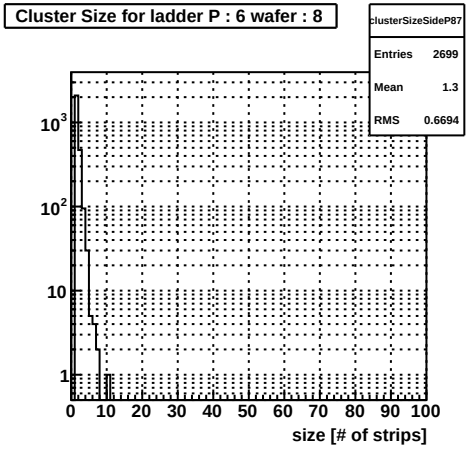

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26566
Mean 1.059
RMS 0.2748
size [# of strips]

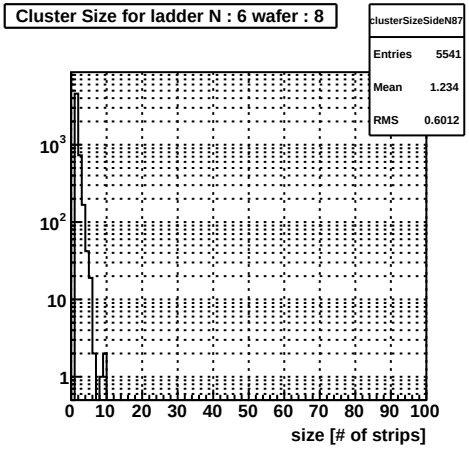

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7069
Mean 1.242
RMS 0.5981
size [# of strips]

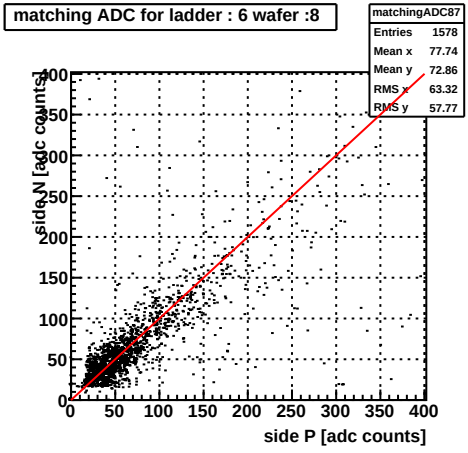

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1493
Mean x 50.81
Mean y 43.9
RMS x 49.42
RMS y 44.6
side N [adc counts]
side P [adc counts]

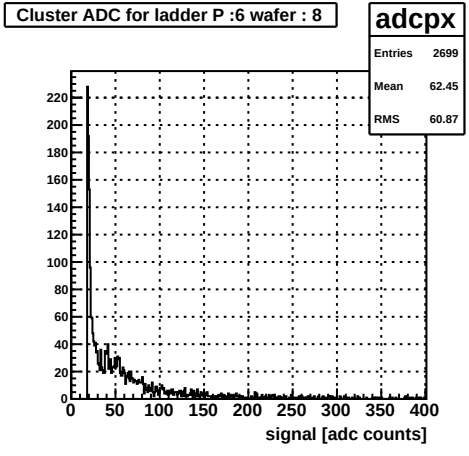

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26566
Mean 26.45
RMS 20.45
signal [adc counts]

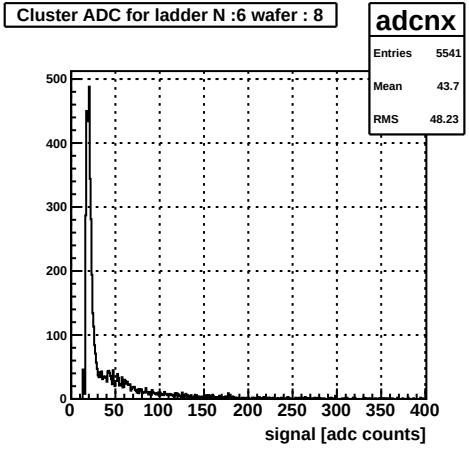

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7069
Mean 30.82
RMS 33.24
signal [adc counts]

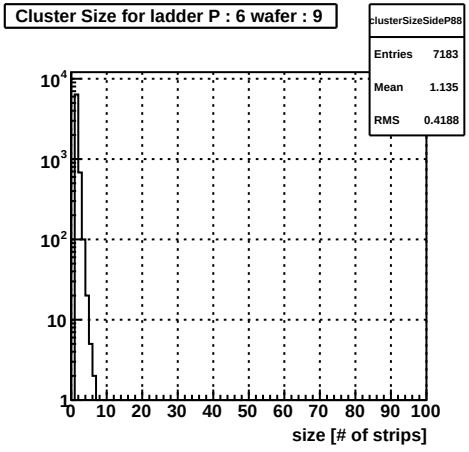

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2699
Mean 1.3
RMS 0.6694
size [# of strips]

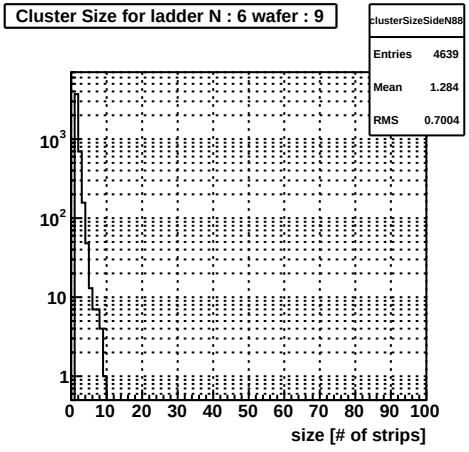

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 5541
Mean 1.234
RMS 0.6012
size [# of strips]

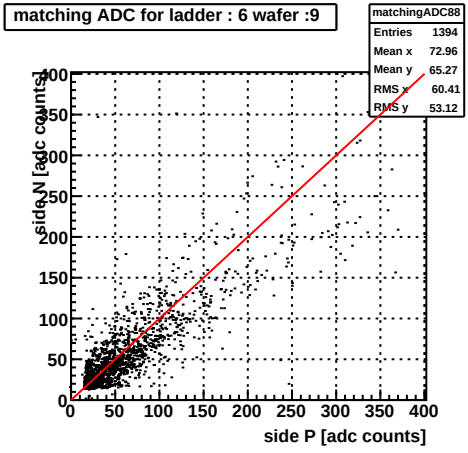

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1578
Mean x 77.74
Mean y 72.86
RMS x 63.32
RMS y 57.77
side N [adc counts]
side P [adc counts]

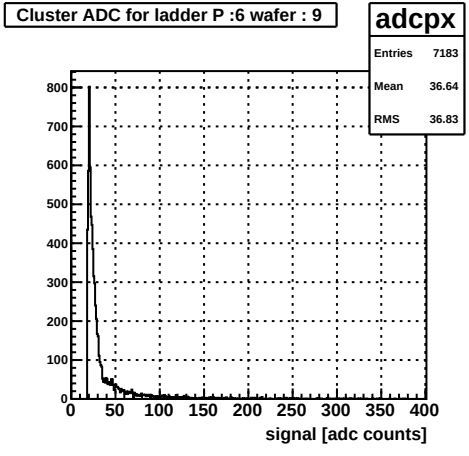

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2699
Mean 62.45
RMS 60.87
signal [adc counts]

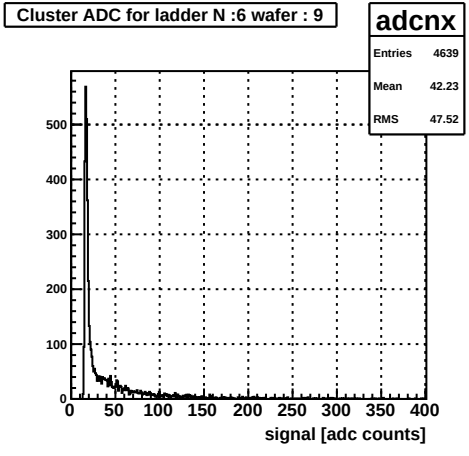

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 5541
Mean 43.7
RMS 48.23
signal [adc counts]

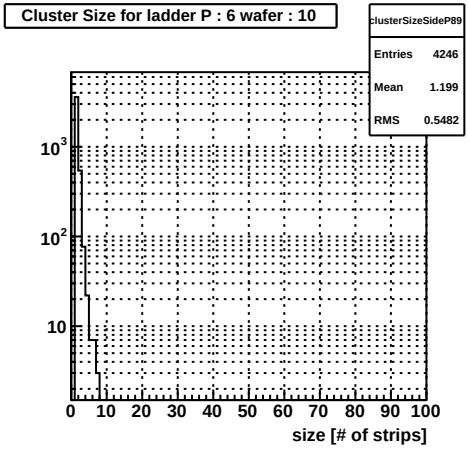

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 7183
Mean 1.135
RMS 0.4188
size [# of strips]

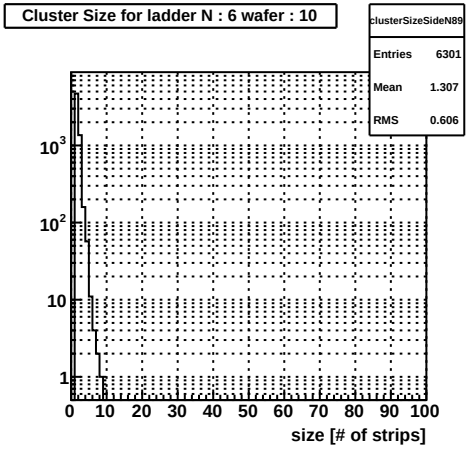

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 4639
Mean 1.284
RMS 0.7004
size [# of strips]

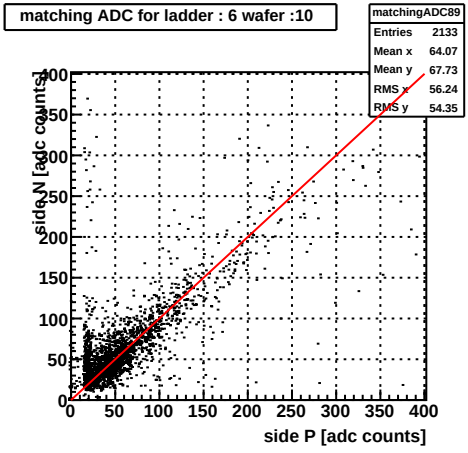

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1394
Mean x 72.96
Mean y 65.27
RMS x 60.41
RMS y 53.12
side N [adc counts]
side P [adc counts]

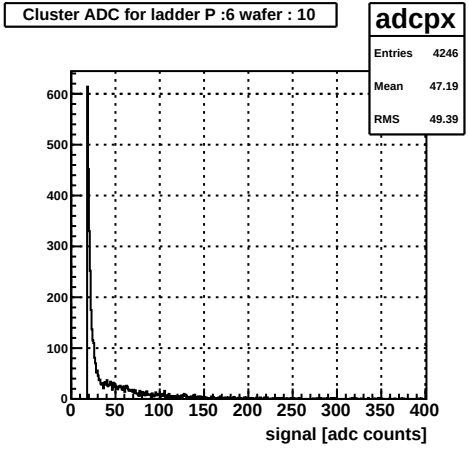

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 7183
Mean 36.64
RMS 36.83
signal [adc counts]

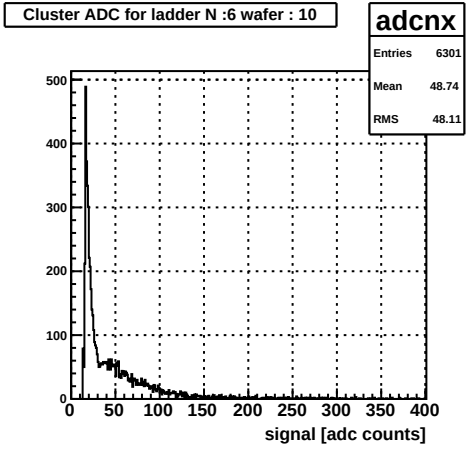

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 4639
Mean 42.23
RMS 47.52
signal [adc counts]

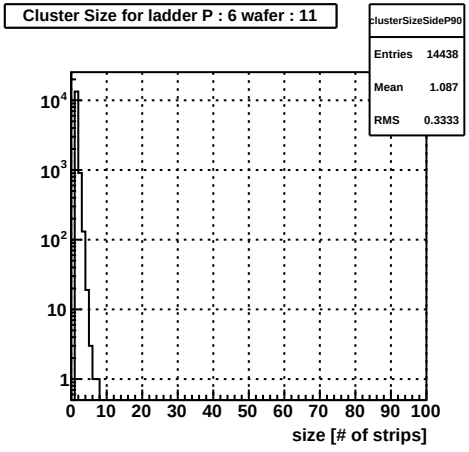

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4246
Mean 1.199
RMS 0.5482
size [# of strips]

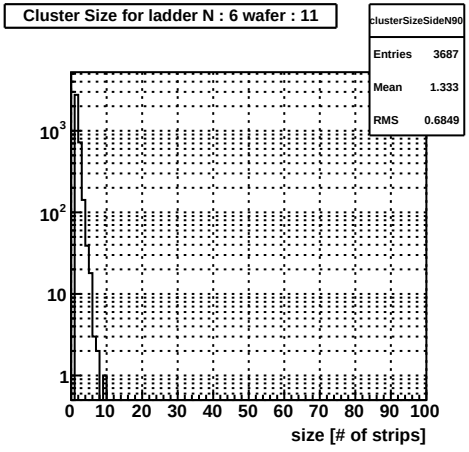

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6301
Mean 1.307
RMS 0.606
size [# of strips]

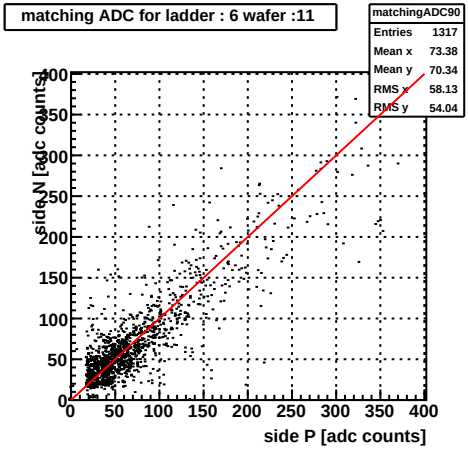

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2133
Mean x 64.07
Mean y 67.73
RMS x 56.24
RMS y 54.35
side N [adc counts]
side P [adc counts]

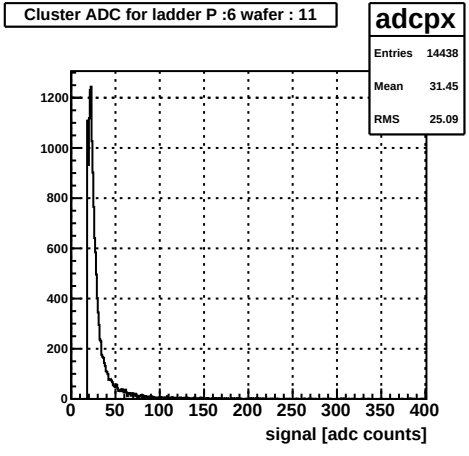

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4246
Mean 47.19
RMS 49.39
signal [adc counts]

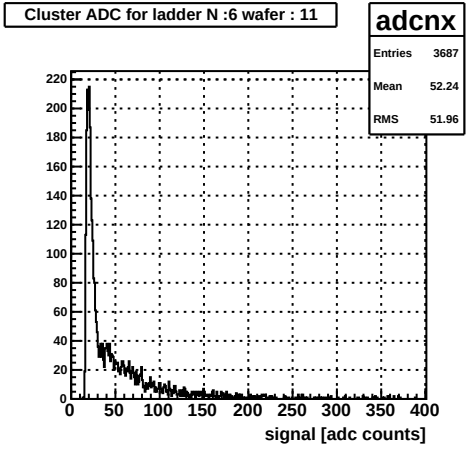

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6301
Mean 48.74
RMS 48.11
signal [adc counts]

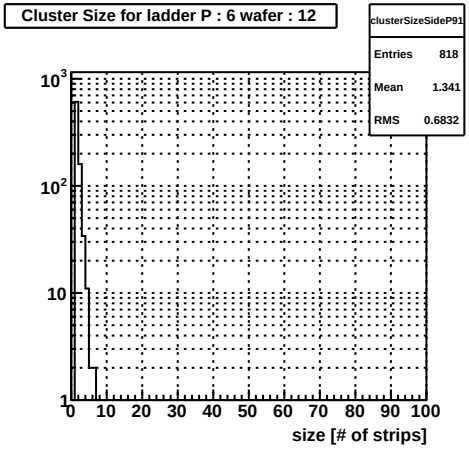

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14438
Mean 1.087
RMS 0.3333
size [# of strips]

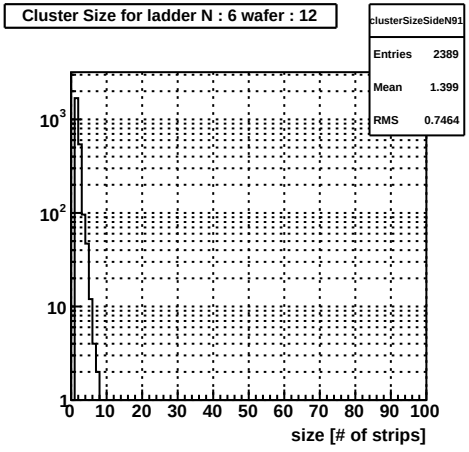

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3687
Mean 1.333
RMS 0.6849
size [# of strips]

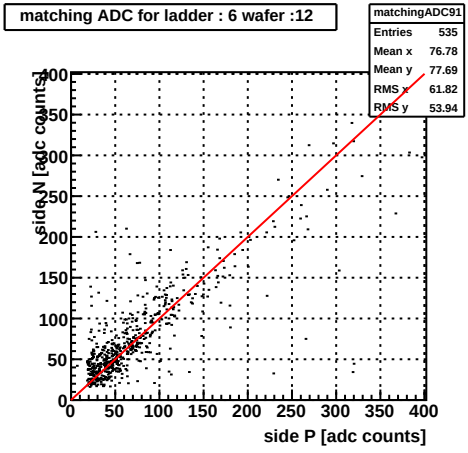

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1317
Mean x 73.38
Mean y 70.34
RMS x 58.13
RMS y 54.04
side N [adc counts]
side P [adc counts]

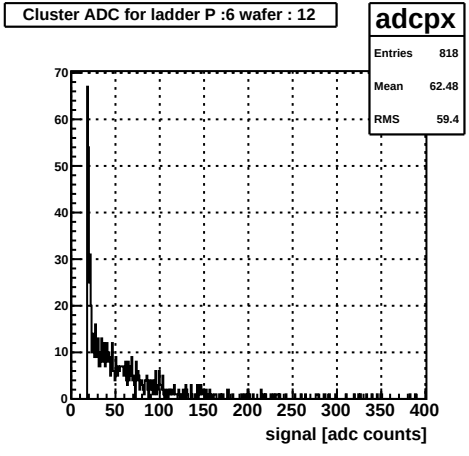

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14438
Mean 31.45
RMS 25.09
signal [adc counts]

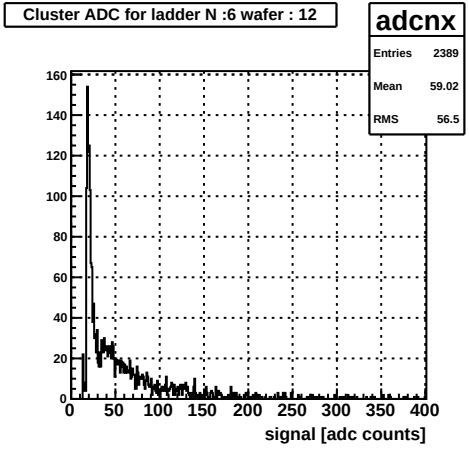

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3687
Mean 52.24
RMS 51.96
signal [adc counts]

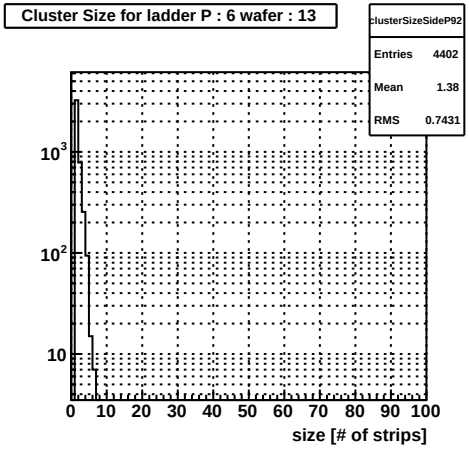

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 818
Mean 1.341
RMS 0.6832
size [# of strips]

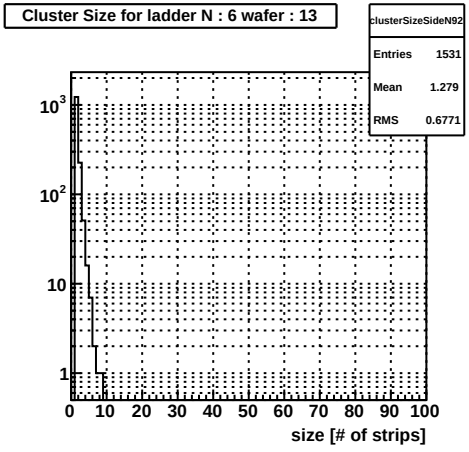

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2389
Mean 1.399
RMS 0.7464
size [# of strips]

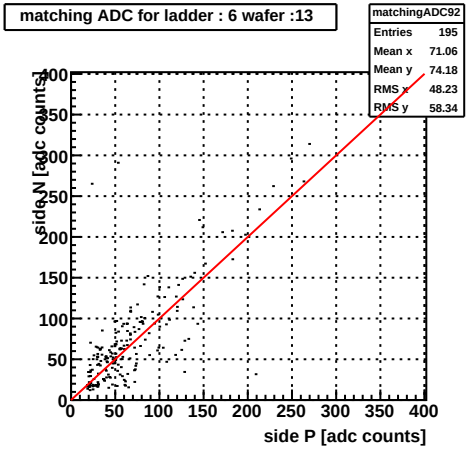

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 535
Mean x 76.78
Mean y 77.69
RMS x 61.82
RMS y 53.94
side N [adc counts]
side P [adc counts]

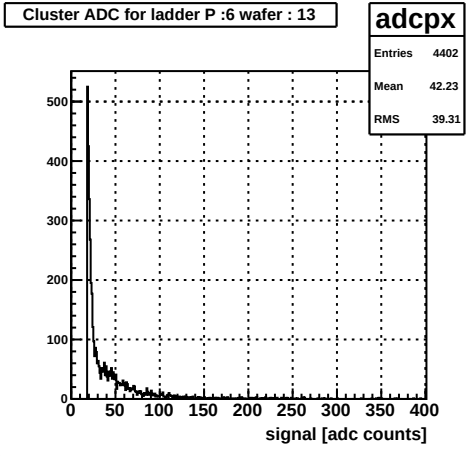

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 818
Mean 62.48
RMS 59.4
signal [adc counts]

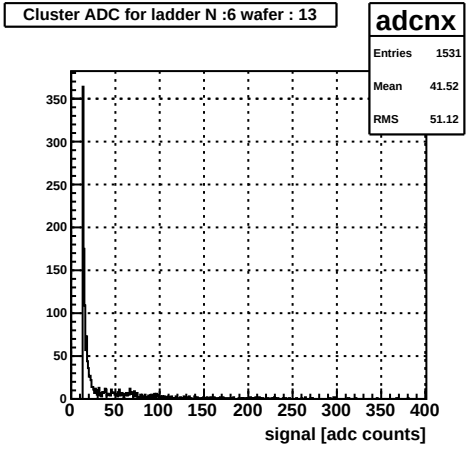

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2389
Mean 59.02
RMS 56.5
signal [adc counts]

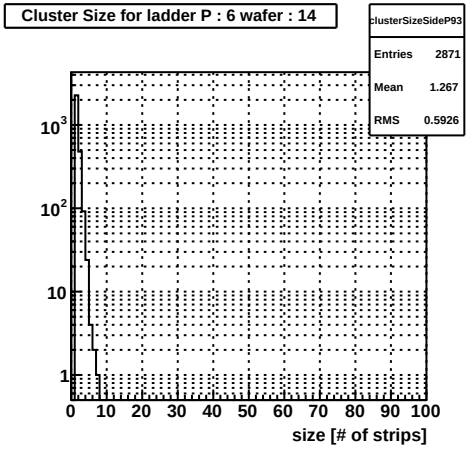

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 4402
Mean 1.38
RMS 0.7431
size [# of strips]

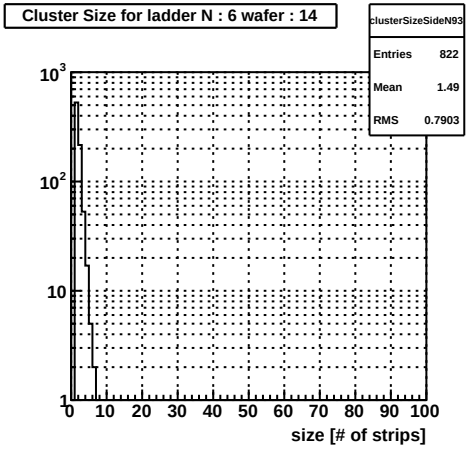

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1531
Mean 1.279
RMS 0.6771
size [# of strips]

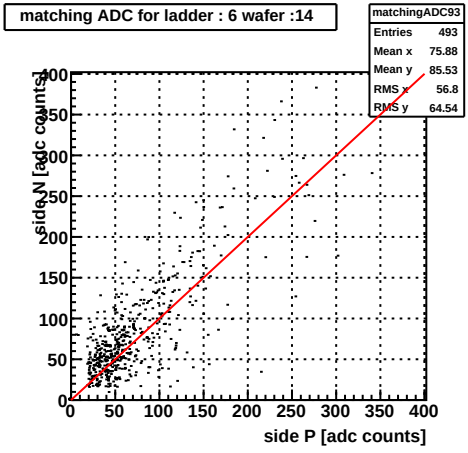

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 195
Mean x 71.06
Mean y 74.18
RMS x 48.23
RMS y 58.34
side N [adc counts]
side P [adc counts]

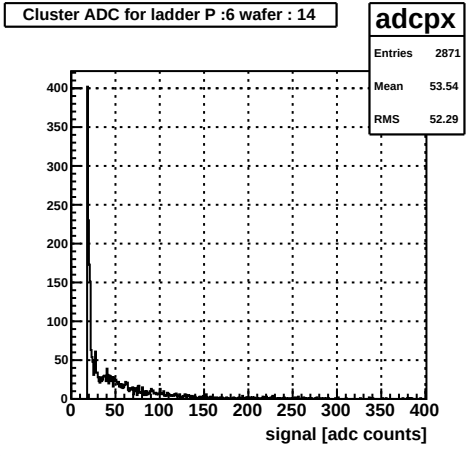

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 4402
Mean 42.23
RMS 39.31
signal [adc counts]

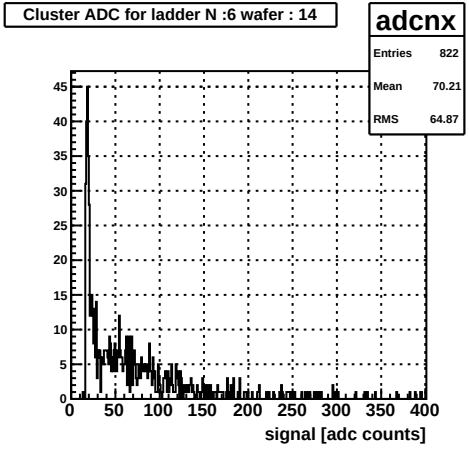

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1531
Mean 41.52
RMS 51.12
signal [adc counts]

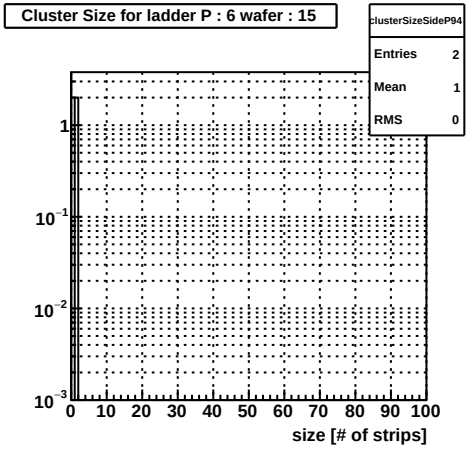

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2871
Mean 1.267
RMS 0.5926
size [# of strips]

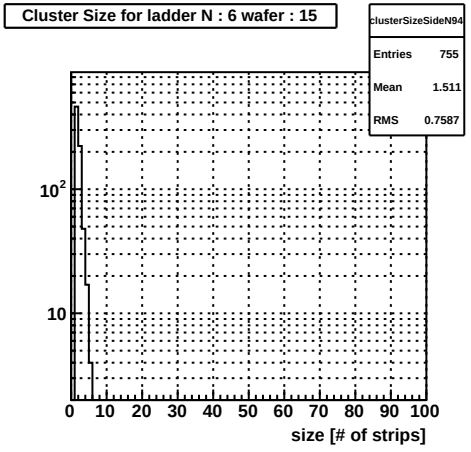

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 822
Mean 1.49
RMS 0.7903
size [# of strips]

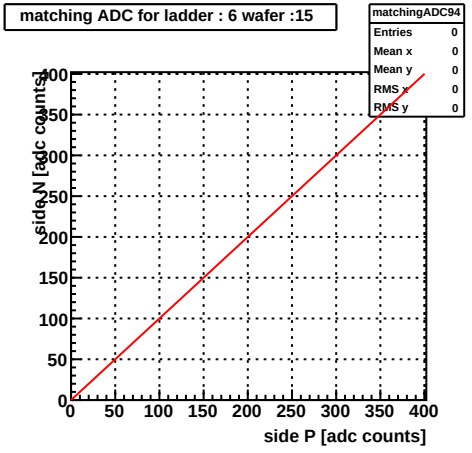

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 493
Mean x 75.88
Mean y 85.53
RMS x 56.8
RMS y 64.54
side N [adc counts]
side P [adc counts]

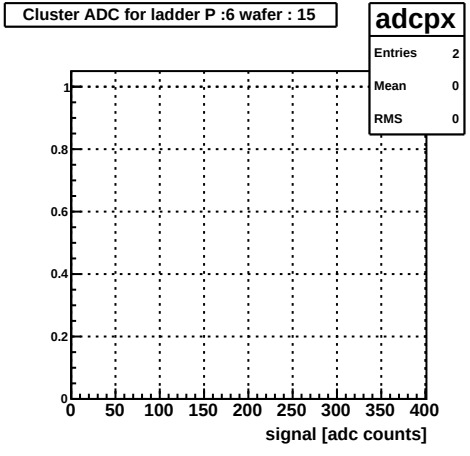

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2871
Mean 53.54
RMS 52.29
signal [adc counts]

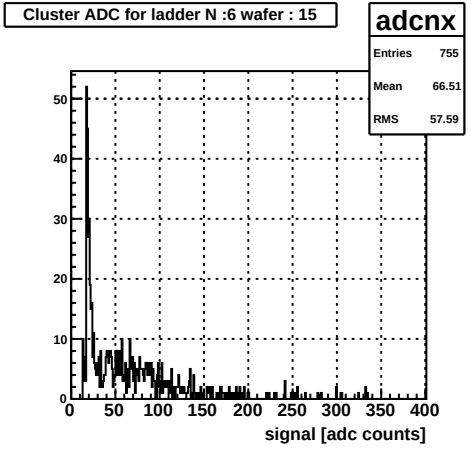

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 822
Mean 70.21
RMS 64.87
signal [adc counts]

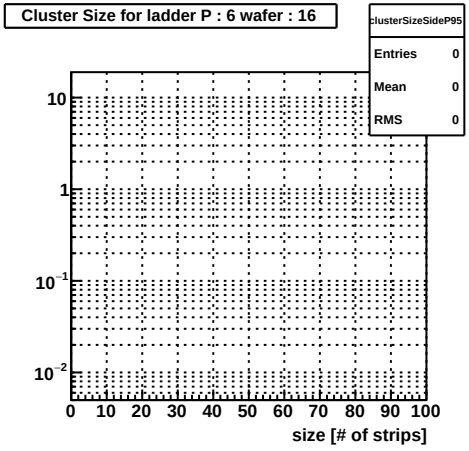

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

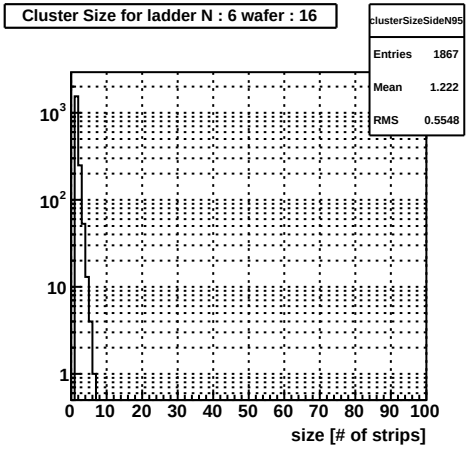

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 755
Mean 1.511
RMS 0.7587
size [# of strips]

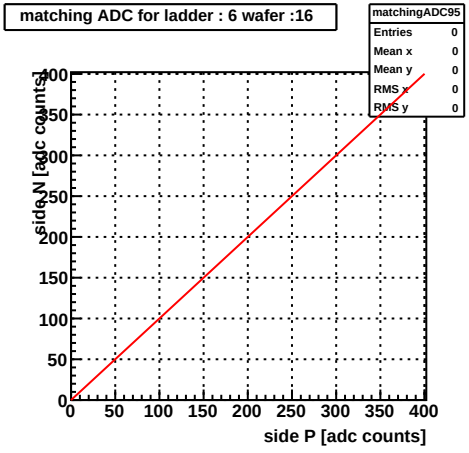

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

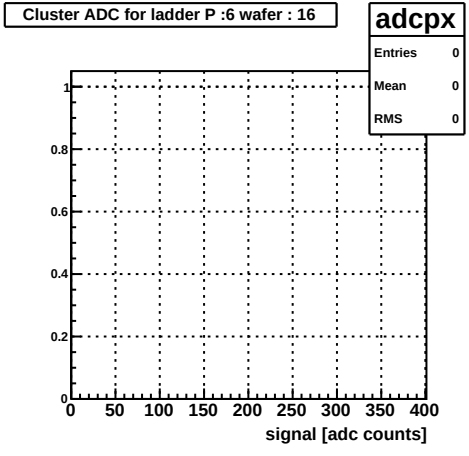

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

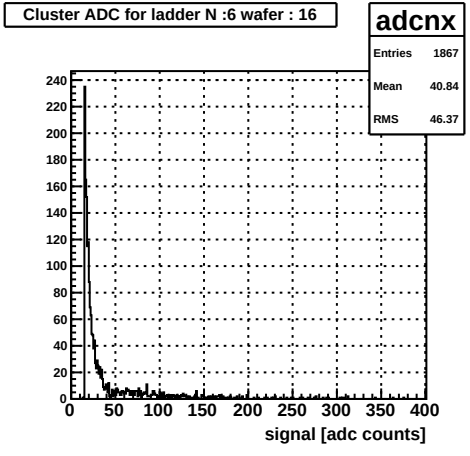

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 755
Mean 66.51
RMS 57.59
signal [adc counts]

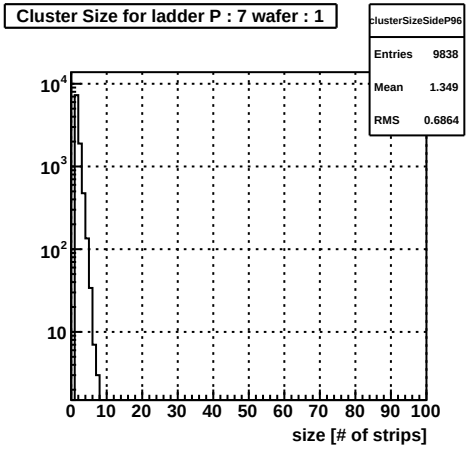

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

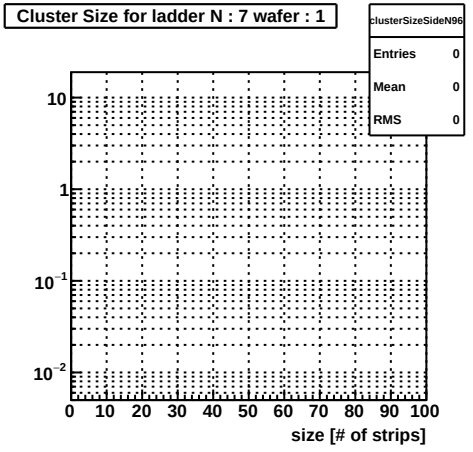

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1867
Mean 1.222
RMS 0.5548
size [# of strips]

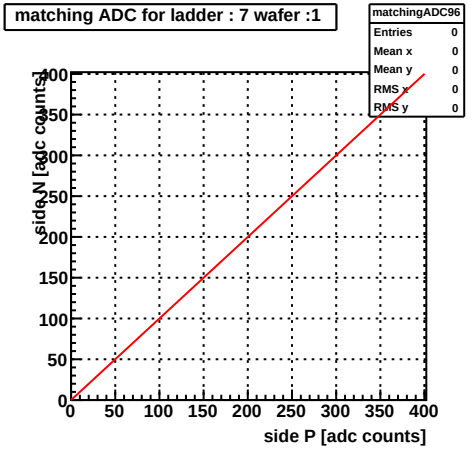

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

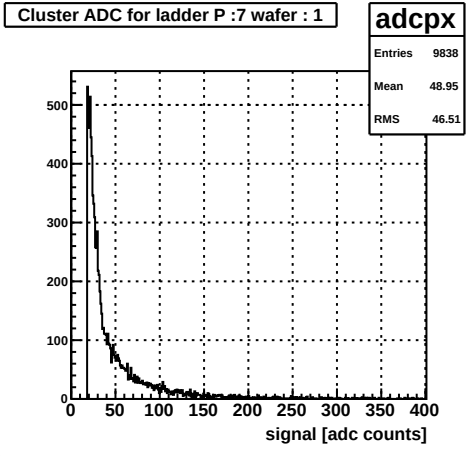

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

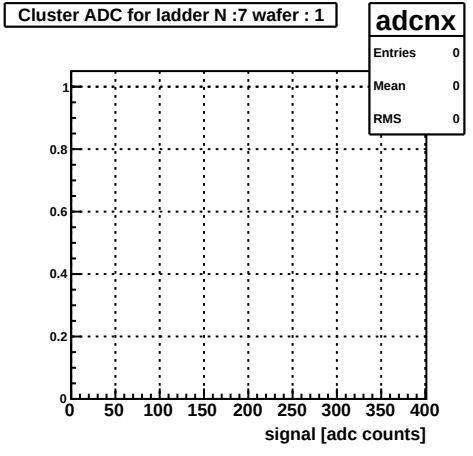

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1867
Mean 40.84
RMS 46.37
signal [adc counts]

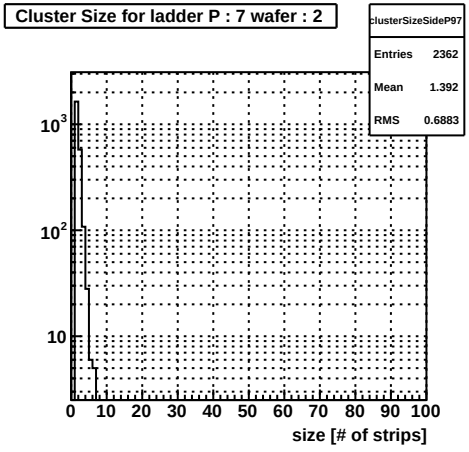

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9838
Mean 1.349
RMS 0.6864
size [# of strips]

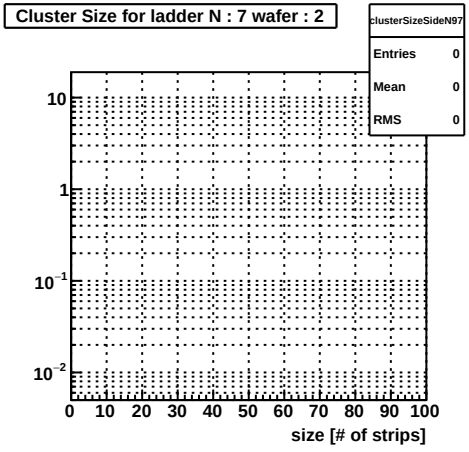

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

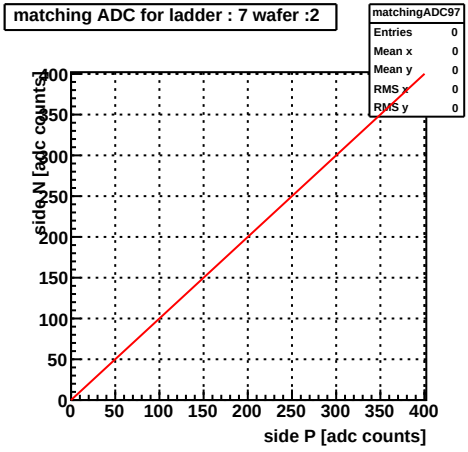

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

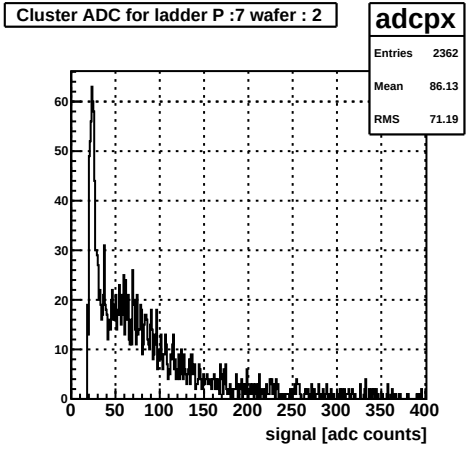

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9838
Mean 48.95
RMS 46.51
signal [adc counts]

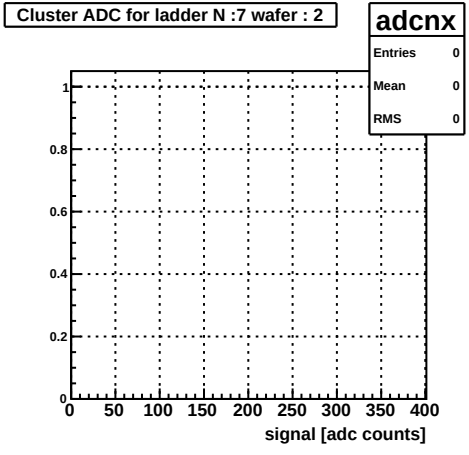

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

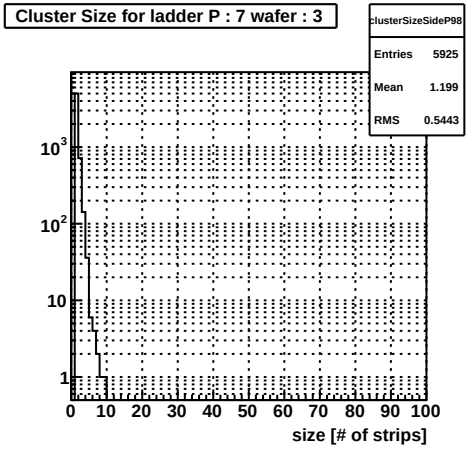

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2362
Mean 1.392
RMS 0.6883
size [# of strips]

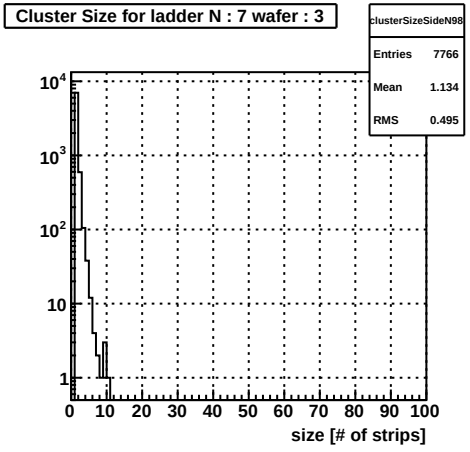

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

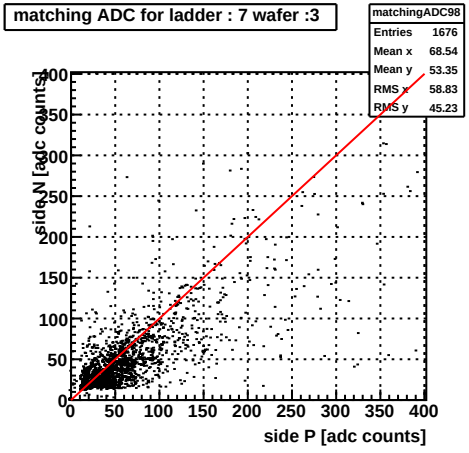

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

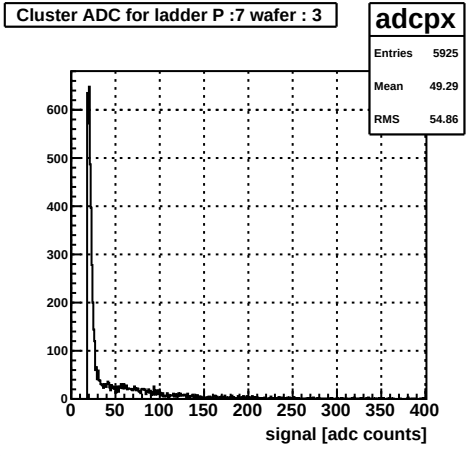

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2362
Mean 86.13
RMS 71.19
signal [adc counts]

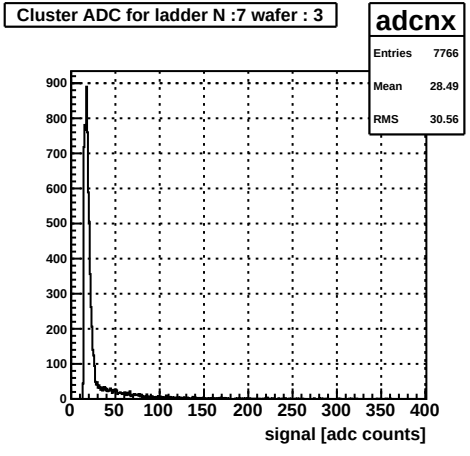

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

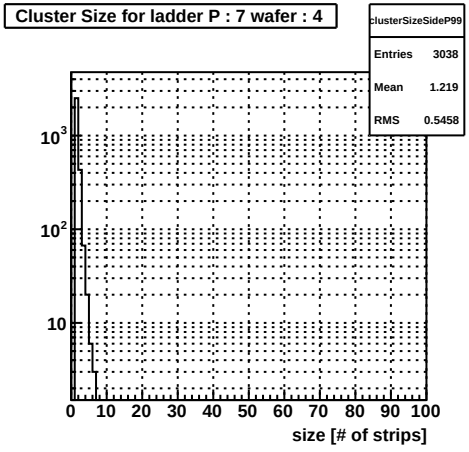

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5925
Mean 1.199
RMS 0.5443
size [# of strips]

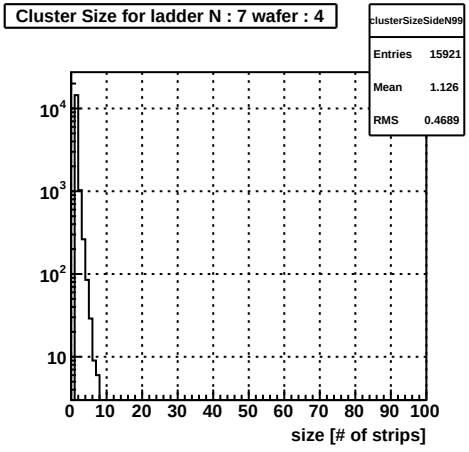

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7766
Mean 1.134
RMS 0.495
size [# of strips]

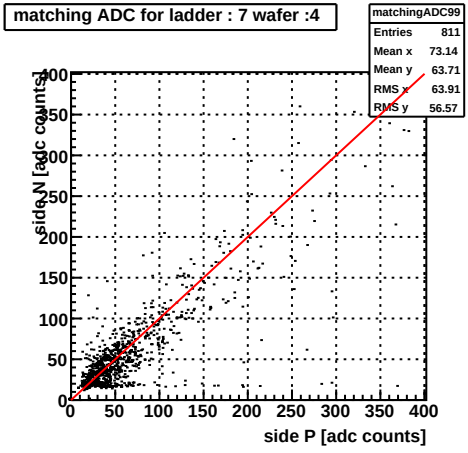

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1676
Mean x 68.54
Mean y 53.35
RMS x 58.83
RMS y 45.23
side N [adc counts]
side P [adc counts]

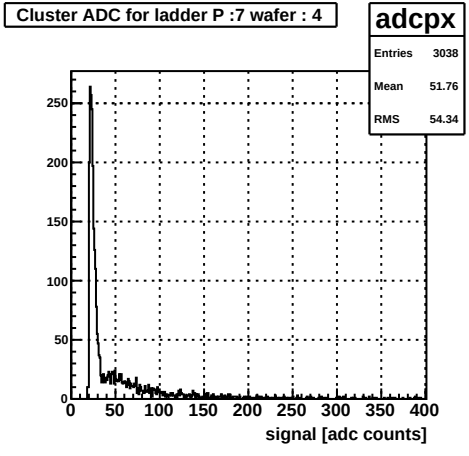

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5925
Mean 49.29
RMS 54.86
signal [adc counts]

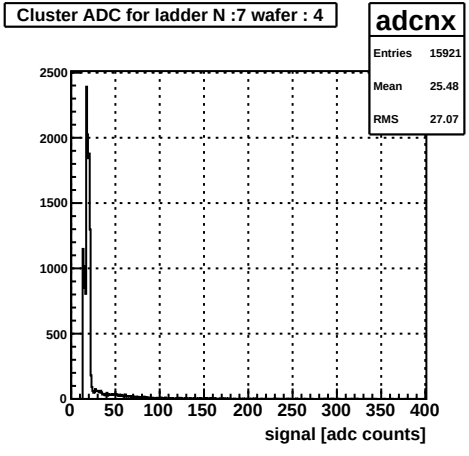

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7766
Mean 28.49
RMS 30.56
signal [adc counts]

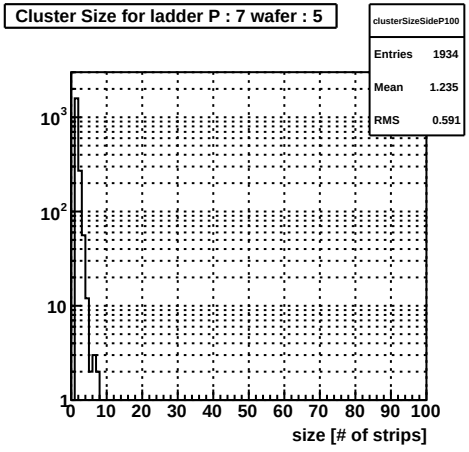

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3038
Mean 1.219
RMS 0.5458
size [# of strips]

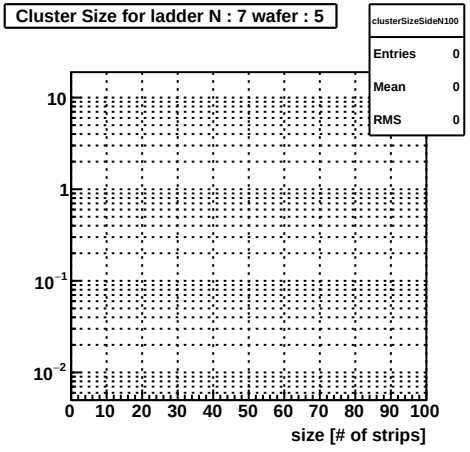

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 15921
Mean 1.126
RMS 0.4689
size [# of strips]

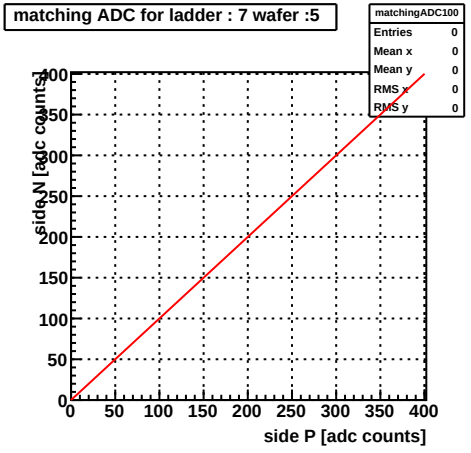

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 811
Mean x 73.14
Mean y 63.71
RMS x 63.91
RMS y 56.57
side N [adc counts]
side P [adc counts]

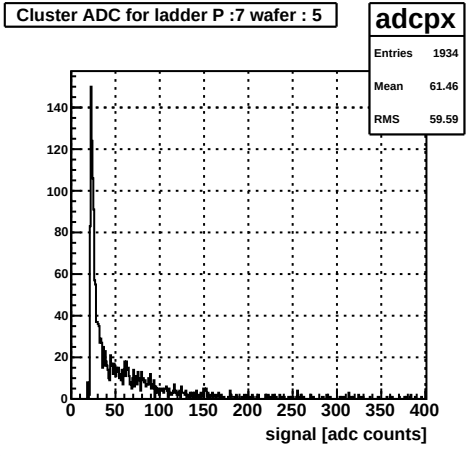

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3038
Mean 51.76
RMS 54.34
signal [adc counts]

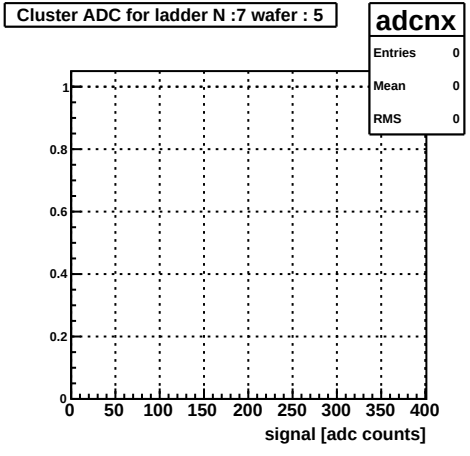

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 15921
Mean 25.48
RMS 27.07
signal [adc counts]

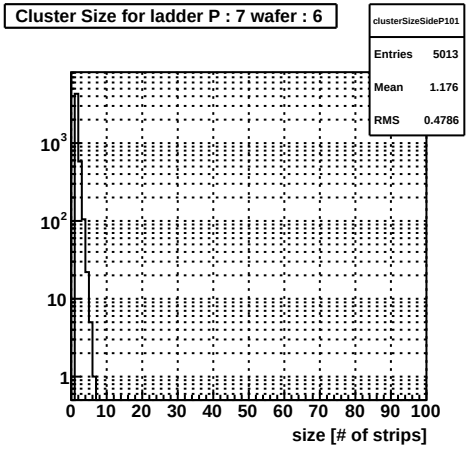

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1934
Mean 1.235
RMS 0.591
size [# of strips]

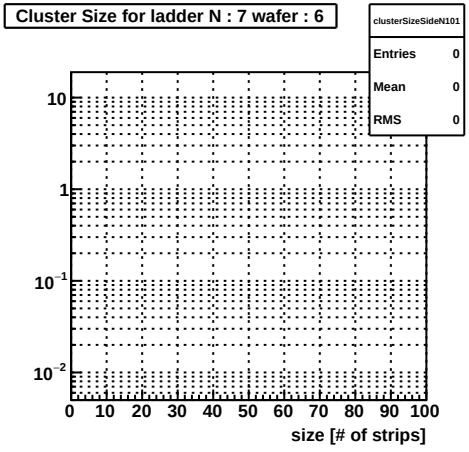

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

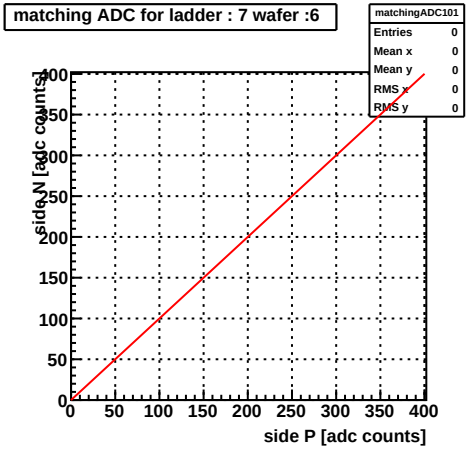

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

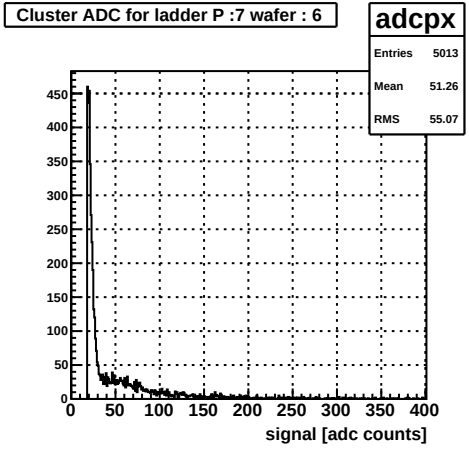

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1934
Mean 61.46
RMS 59.59
signal [adc counts]

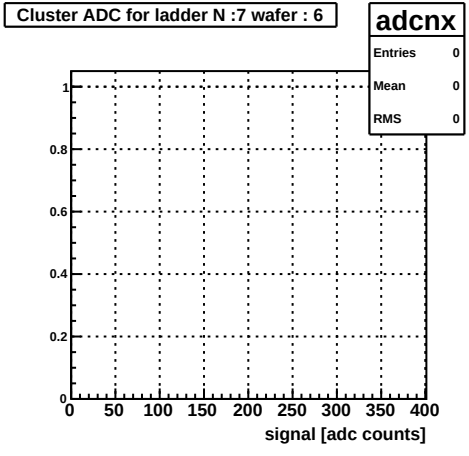

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

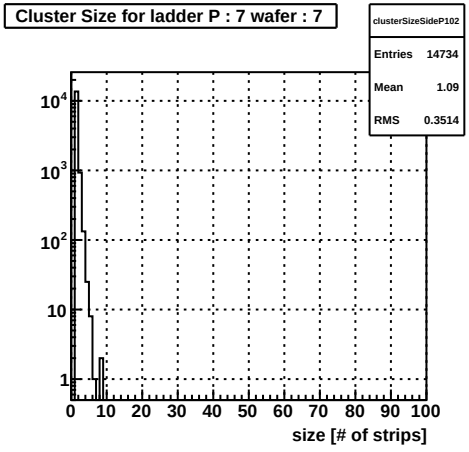

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5013
Mean 1.176
RMS 0.4786
size [# of strips]

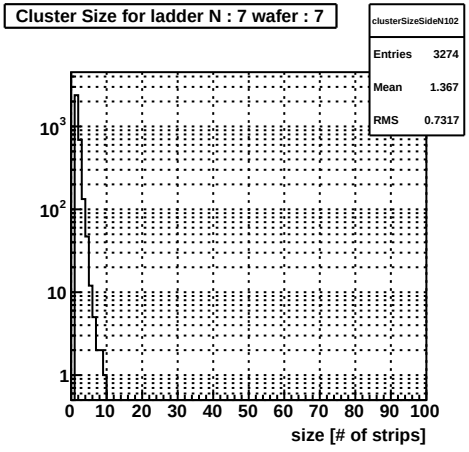

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

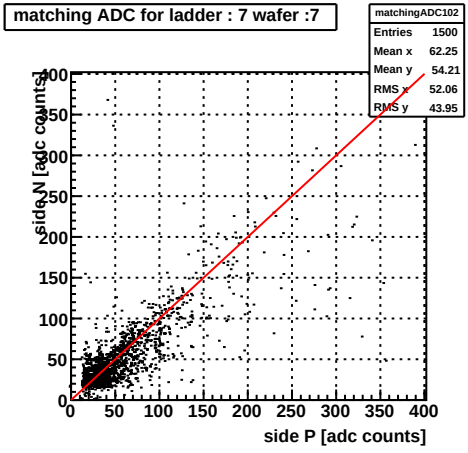

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

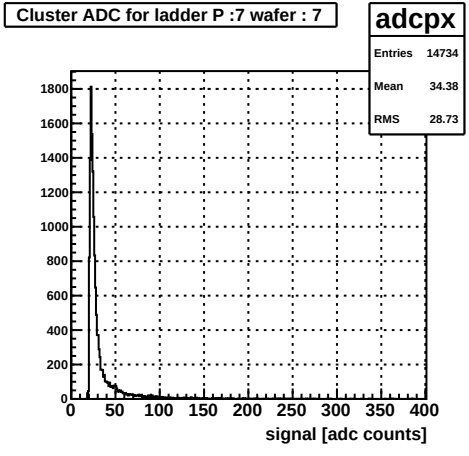

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5013
Mean 51.26
RMS 55.07
signal [adc counts]

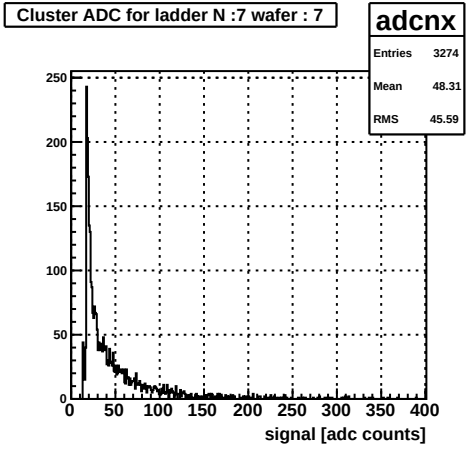

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

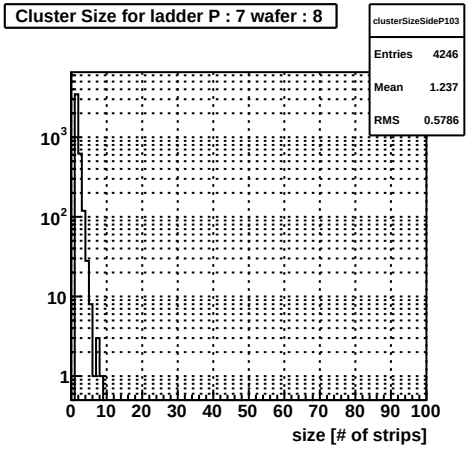

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14734
Mean 1.09
RMS 0.3514
size [# of strips]

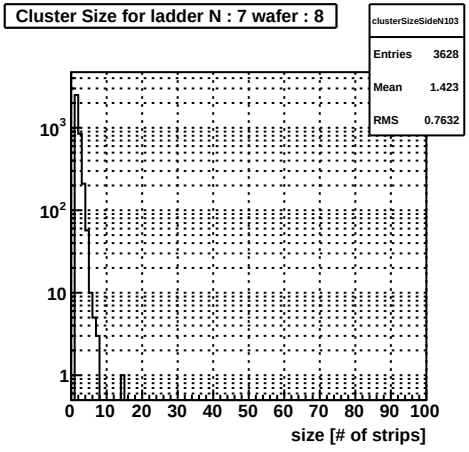

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3274
Mean 1.367
RMS 0.7317
size [# of strips]

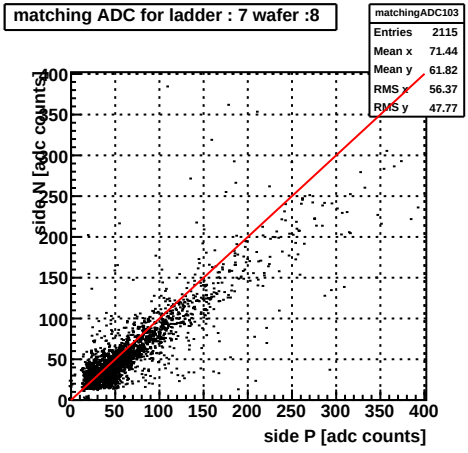

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1500
Mean x 62.25
Mean y 54.21
RMS x 52.06
RMS y 43.95
side N [adc counts]
side P [adc counts]

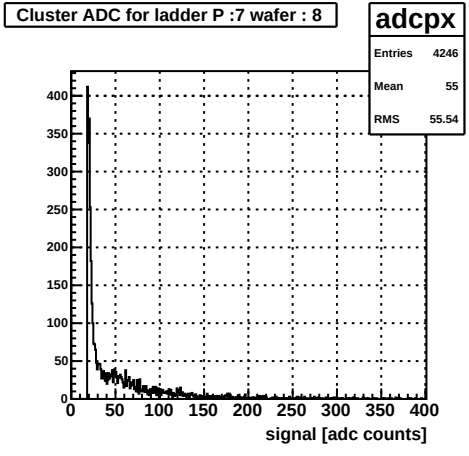

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14734
Mean 34.38
RMS 28.73
signal [adc counts]

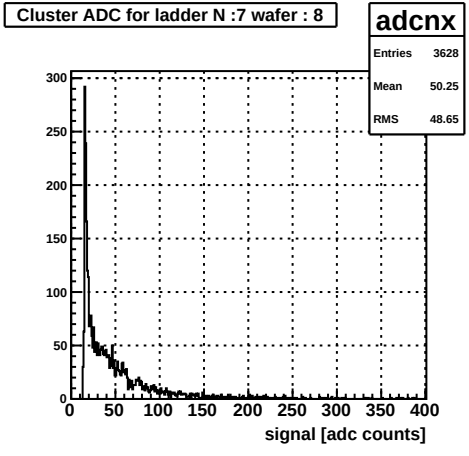

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3274
Mean 48.31
RMS 45.59
signal [adc counts]

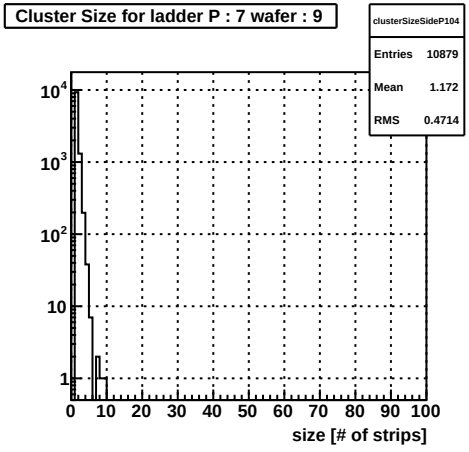

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4246
Mean 1.237
RMS 0.5786
size [# of strips]

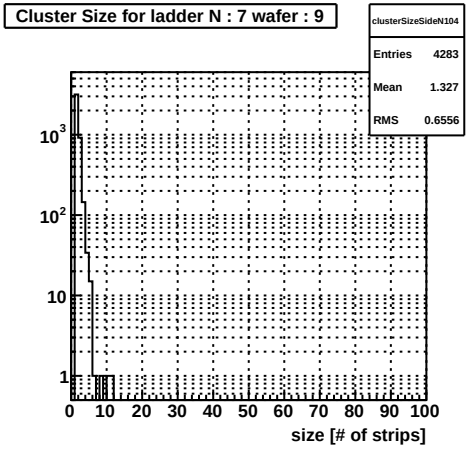

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3628
Mean 1.423
RMS 0.7632
size [# of strips]

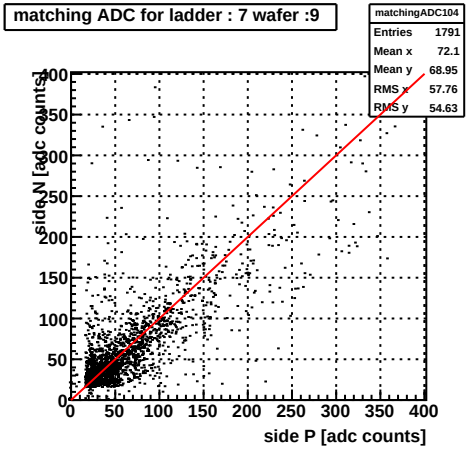

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2115
Mean x 71.44
Mean y 61.82
RMS x 56.37
RMS y 47.77
side N [adc counts]
side P [adc counts]

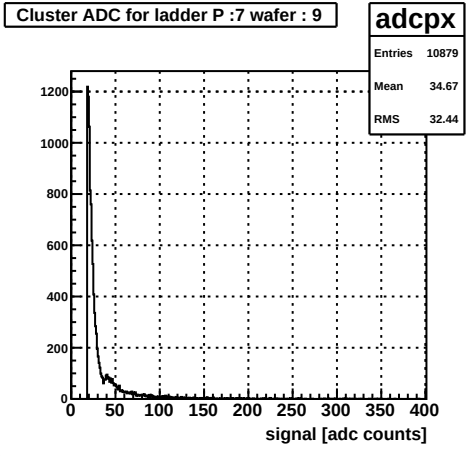

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4246
Mean 55
RMS 55.54
signal [adc counts]

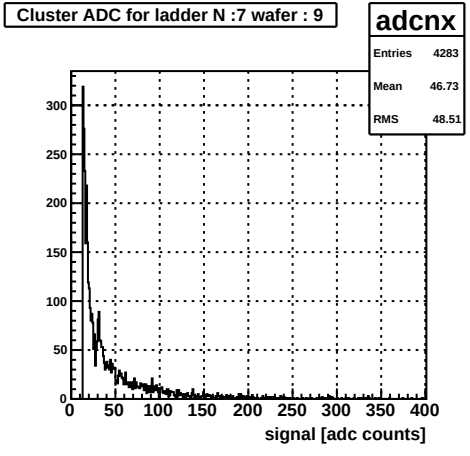

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3628
Mean 50.25
RMS 48.65
signal [adc counts]

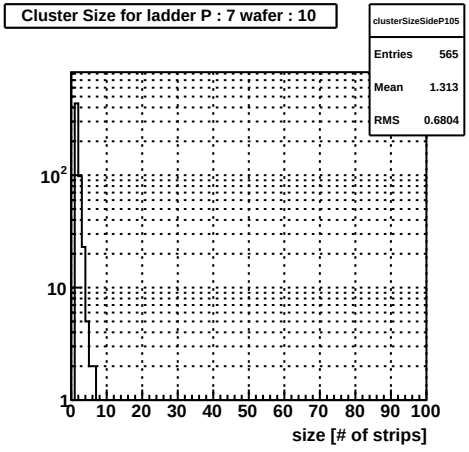

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10879
Mean 1.172
RMS 0.4714
size [# of strips]

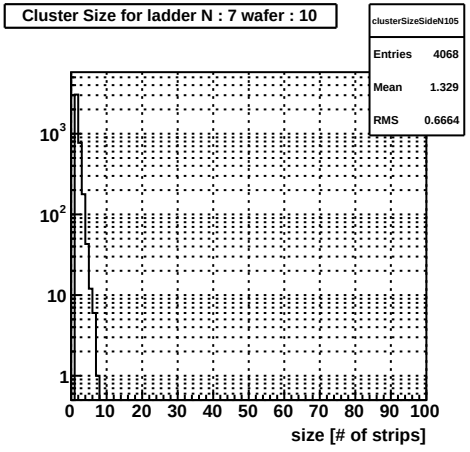

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4283
Mean 1.327
RMS 0.6556
size [# of strips]

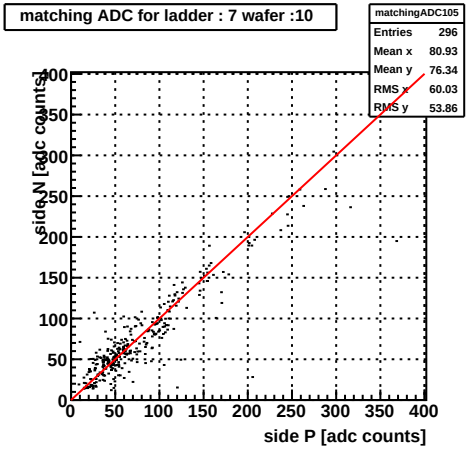

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1791
Mean x 72.1
Mean y 68.95
RMS x 57.76
RMS y 54.63
side N [adc counts]
side P [adc counts]

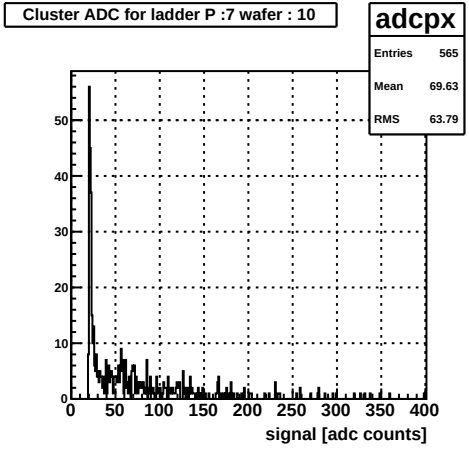

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10879
Mean 34.67
RMS 32.44
signal [adc counts]

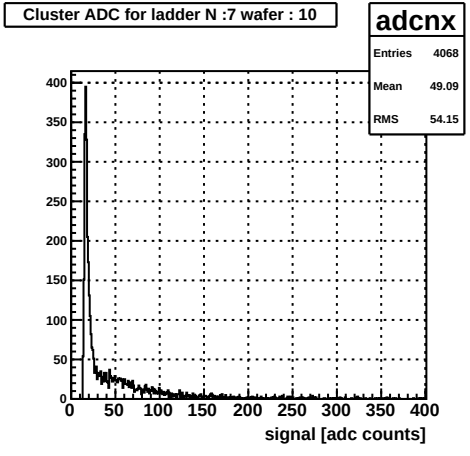

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4283
Mean 46.73
RMS 48.51
signal [adc counts]

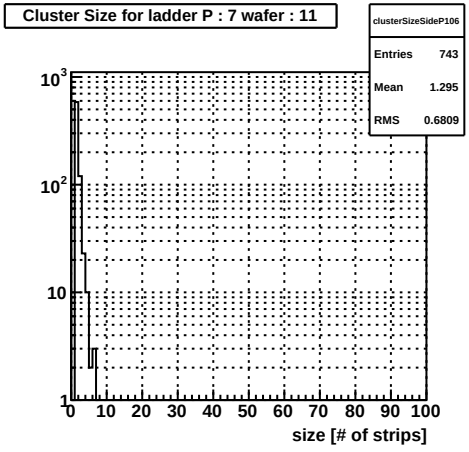

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 565
Mean 1.313
RMS 0.6804
size [# of strips]

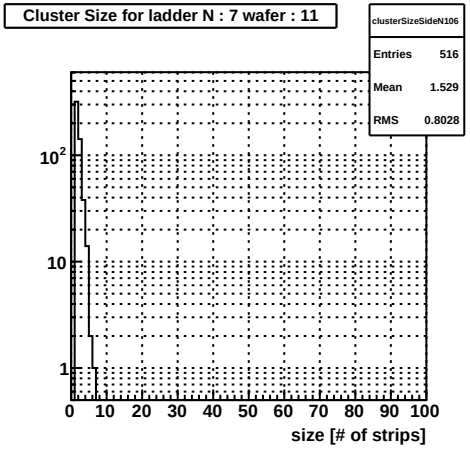

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4068
Mean 1.329
RMS 0.6664
size [# of strips]

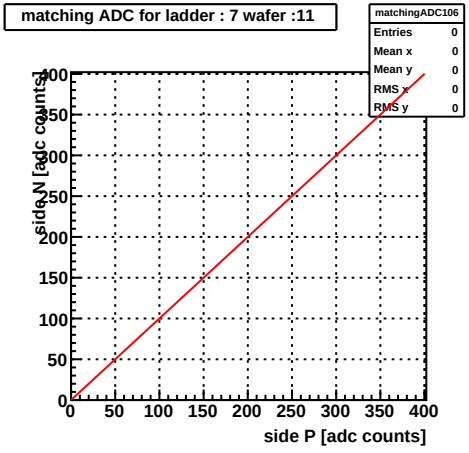

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 296
Mean x 80.93
Mean y 76.34
RMS x 60.03
RMS y 53.86
side N [adc counts]
side P [adc counts]

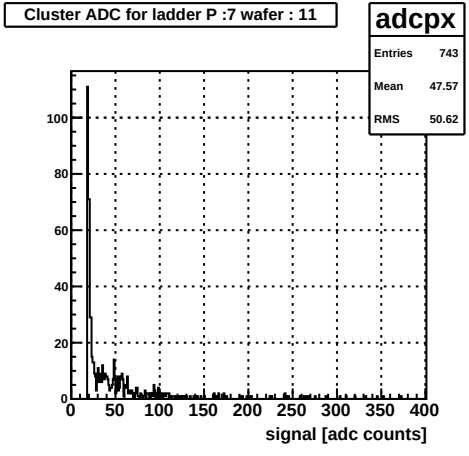

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 565
Mean 69.63
RMS 63.79
signal [adc counts]

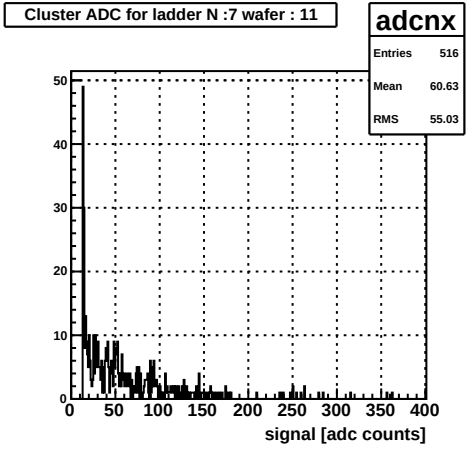

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4068
Mean 49.09
RMS 54.15
signal [adc counts]

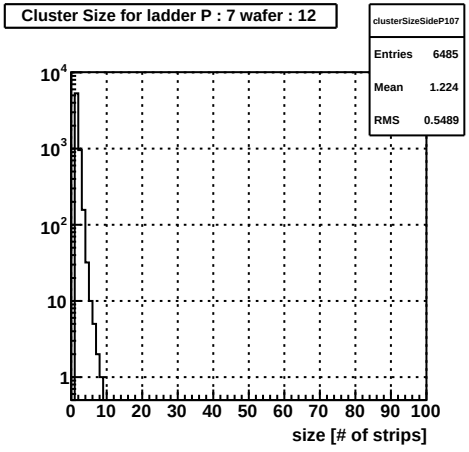

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 743
Mean 1.295
RMS 0.6809
size [# of strips]

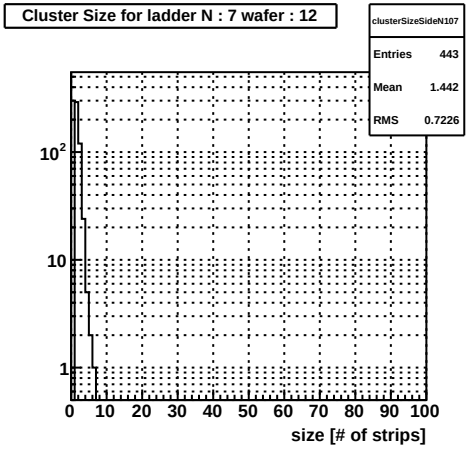

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 516
Mean 1.529
RMS 0.8028
size [# of strips]

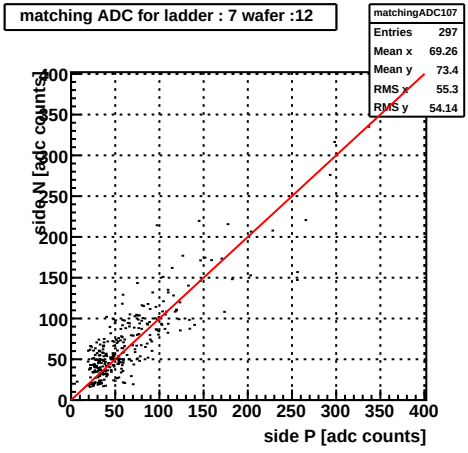

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

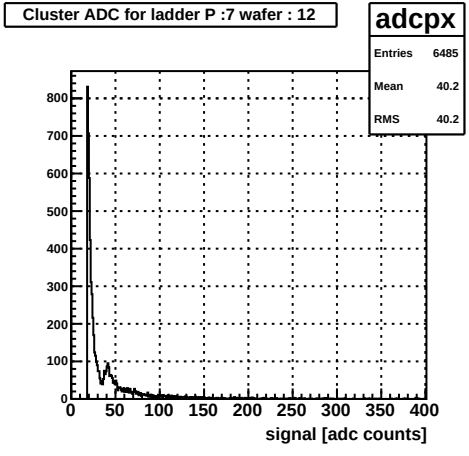

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 743
Mean 47.57
RMS 50.62
signal [adc counts]

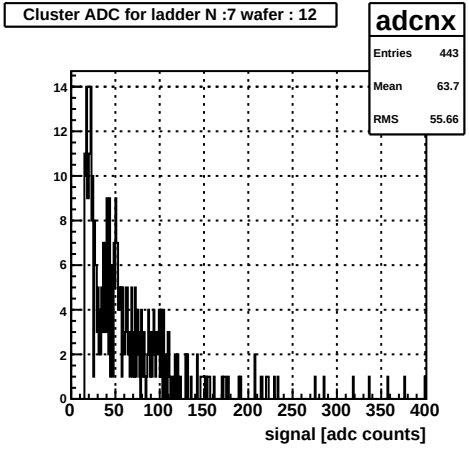

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 516
Mean 60.63
RMS 55.03
signal [adc counts]

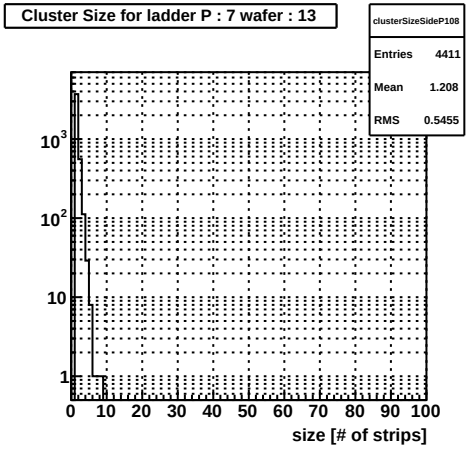

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 6485
Mean 1.224
RMS 0.5489
size [# of strips]

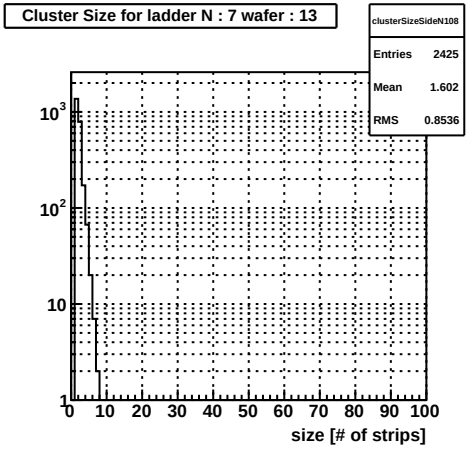

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 443
Mean 1.442
RMS 0.7226
size [# of strips]

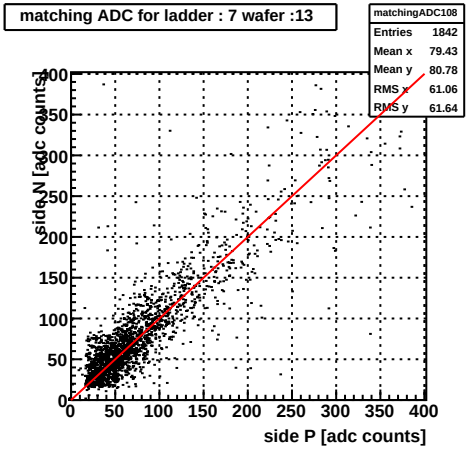

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 297
Mean x 69.26
Mean y 73.4
RMS x 55.3
RMS y 54.14
side N [adc counts]
side P [adc counts]

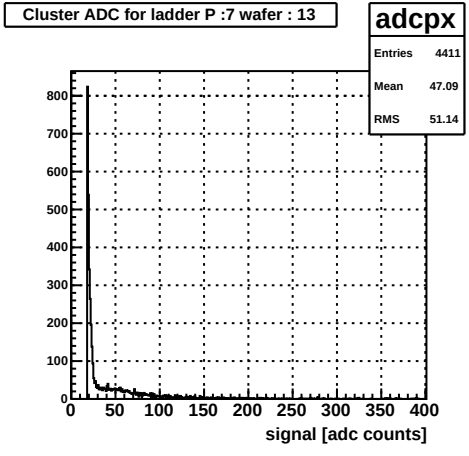

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 6485
Mean 40.2
RMS 40.2
signal [adc counts]

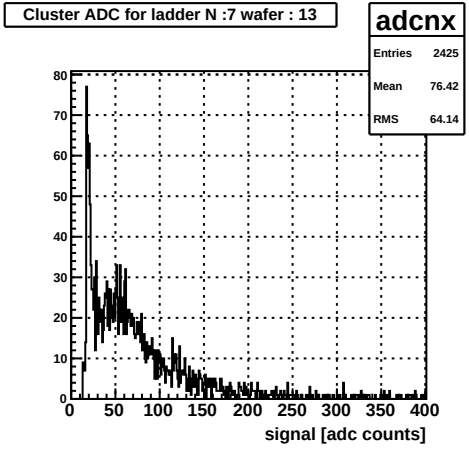

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 443
Mean 63.7
RMS 55.66
signal [adc counts]

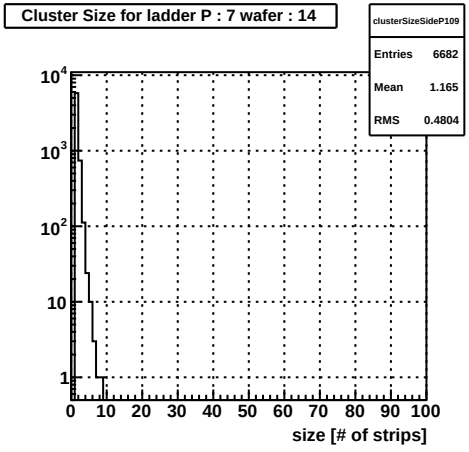

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 4411
Mean 1.208
RMS 0.5455
size [# of strips]

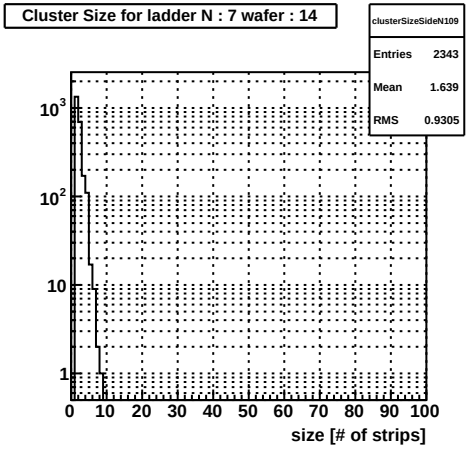

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2425
Mean 1.602
RMS 0.8536
size [# of strips]

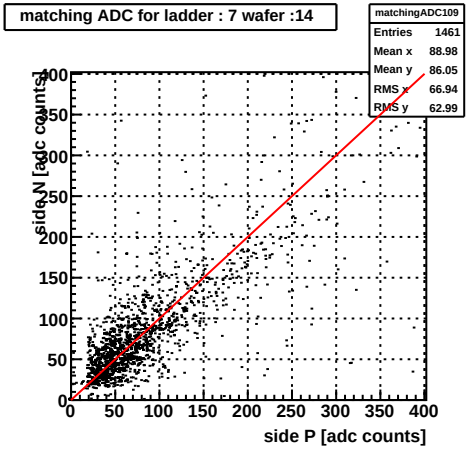

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1842
Mean x 79.43
Mean y 80.78
RMS x 61.06
RMS y 61.64
side N [adc counts]
side P [adc counts]

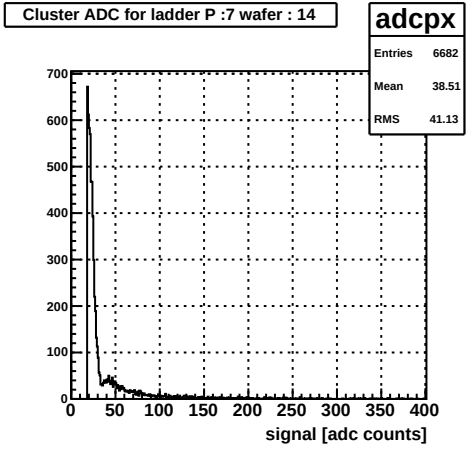

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 4411
Mean 47.09
RMS 51.14
signal [adc counts]

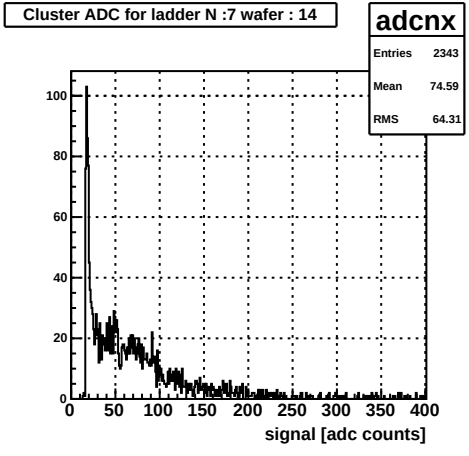

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2425
Mean 76.42
RMS 64.14
signal [adc counts]

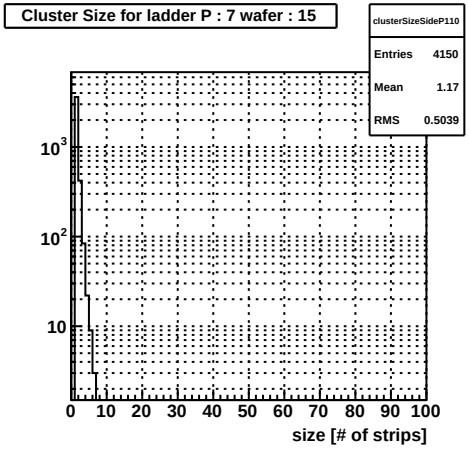

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6682
Mean 1.165
RMS 0.4804
size [# of strips]

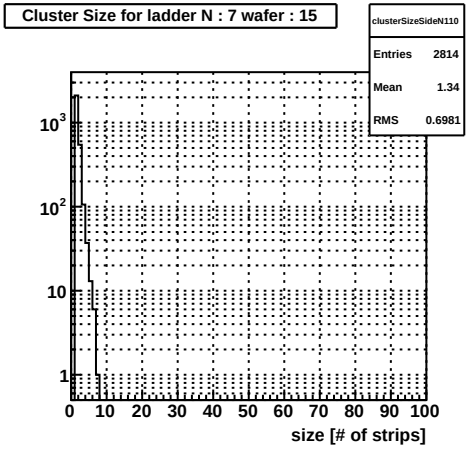

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2343
Mean 1.639
RMS 0.9305
size [# of strips]

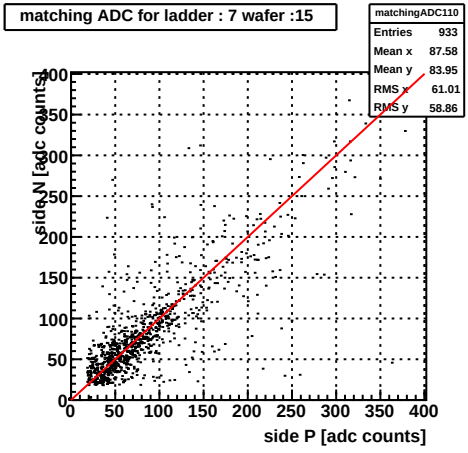

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1461
Mean x 88.98
Mean y 86.05
RMS x 66.94
RMS y 62.99
side N [adc counts]
side P [adc counts]

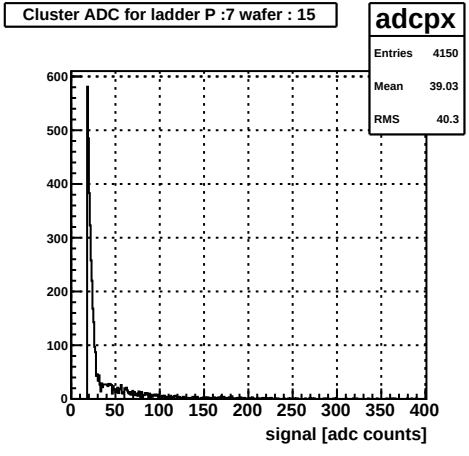

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6682
Mean 38.51
RMS 41.13
signal [adc counts]

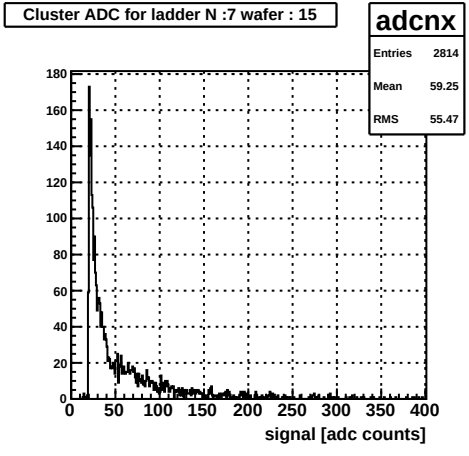

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2343
Mean 74.59
RMS 64.31
signal [adc counts]

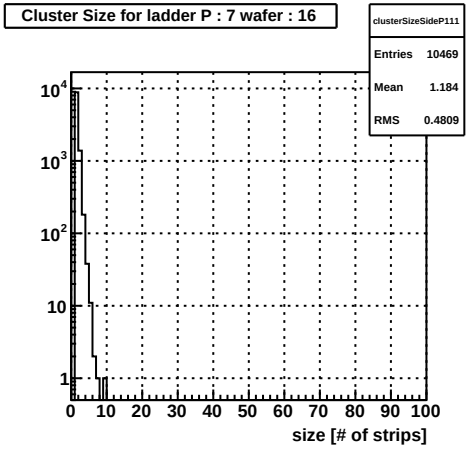

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 4150
Mean 1.17
RMS 0.5039
size [# of strips]

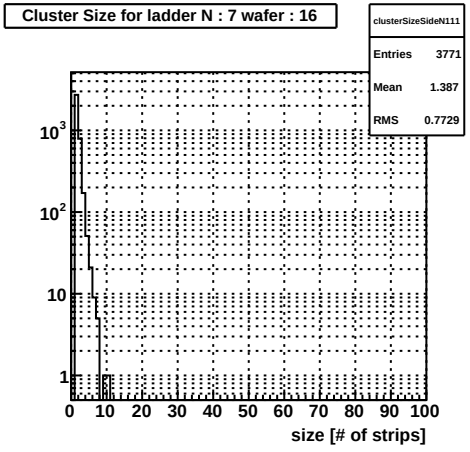

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2814
Mean 1.34
RMS 0.6981
size [# of strips]

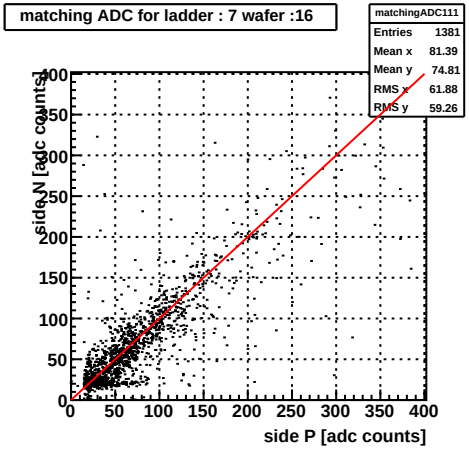

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 933
Mean x 87.58
Mean y 83.95
RMS x 61.01
RMS y 58.86
side N [adc counts]
side P [adc counts]

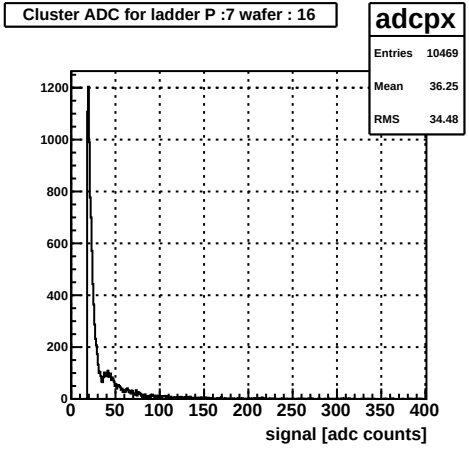

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 4150
Mean 39.03
RMS 40.3
signal [adc counts]

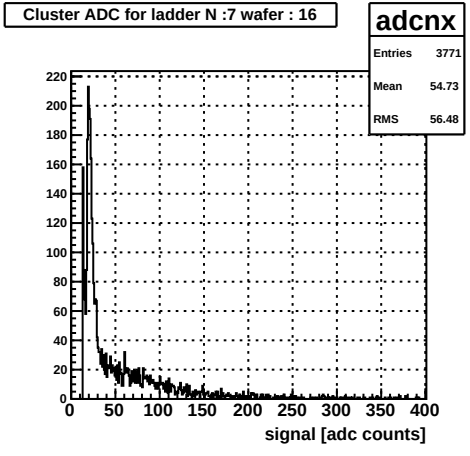

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2814
Mean 59.25
RMS 55.47
signal [adc counts]

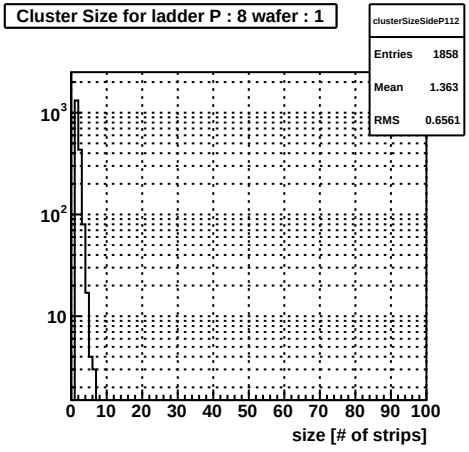

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 10469
Mean 1.184
RMS 0.4809
size [# of strips]

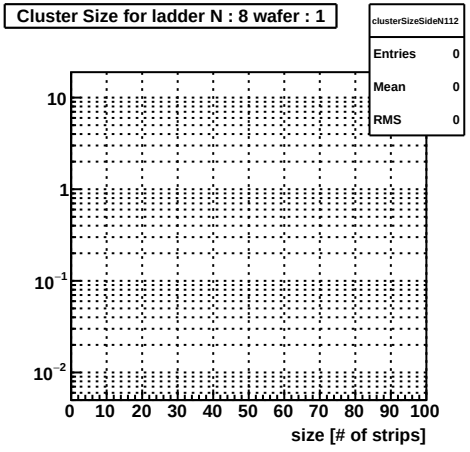

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3771
Mean 1.387
RMS 0.7729
size [# of strips]

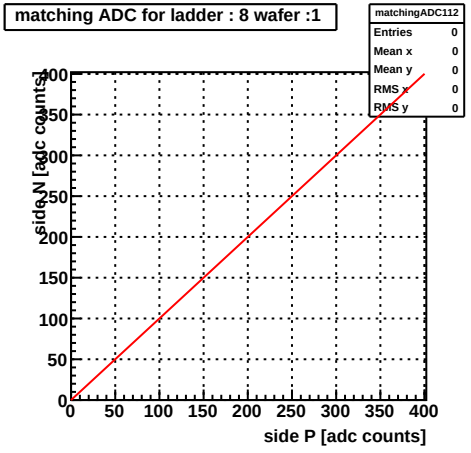

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1381
Mean x 81.39
Mean y 74.81
RMS x 61.88
RMS y 59.26
side N [adc counts]
side P [adc counts]

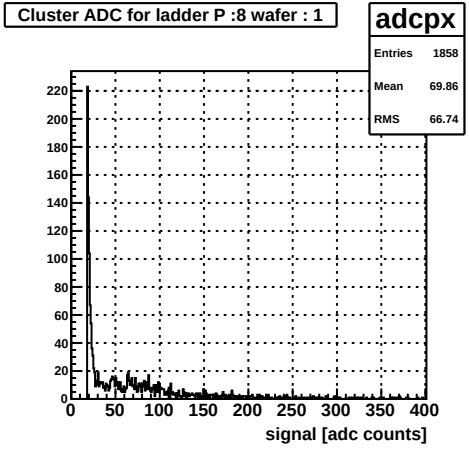

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 10469
Mean 36.25
RMS 34.48
signal [adc counts]

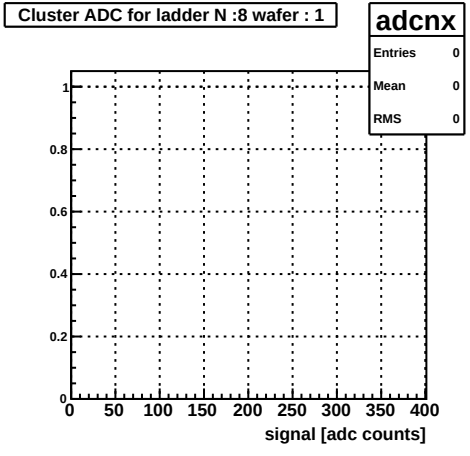

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3771
Mean 54.73
RMS 56.48
signal [adc counts]

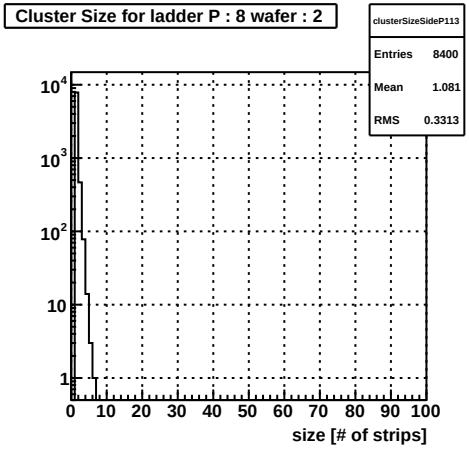

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1858
Mean 1.363
RMS 0.6561
size [# of strips]

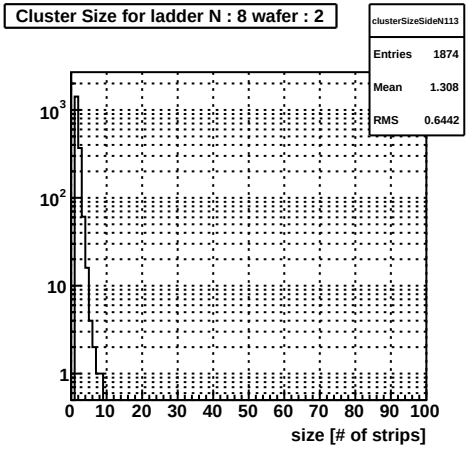

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

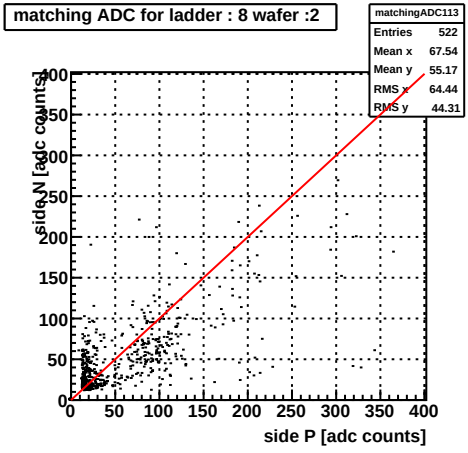

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

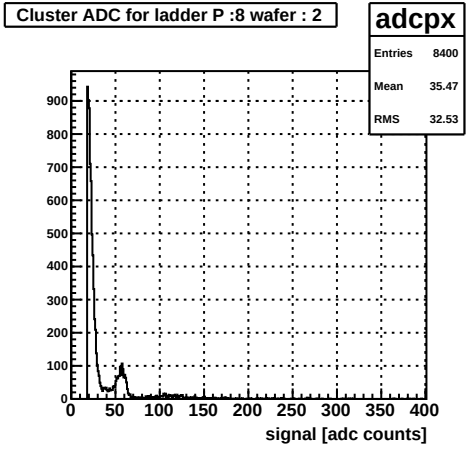

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1858
Mean 69.86
RMS 66.74
signal [adc counts]

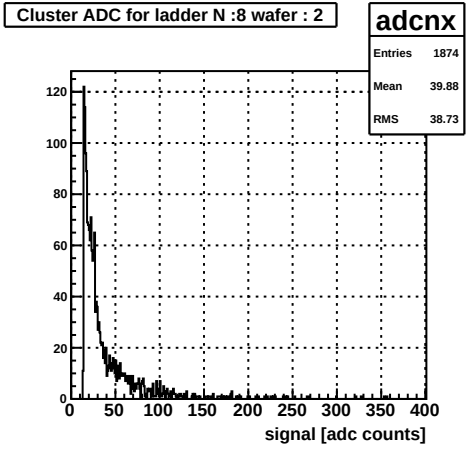

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

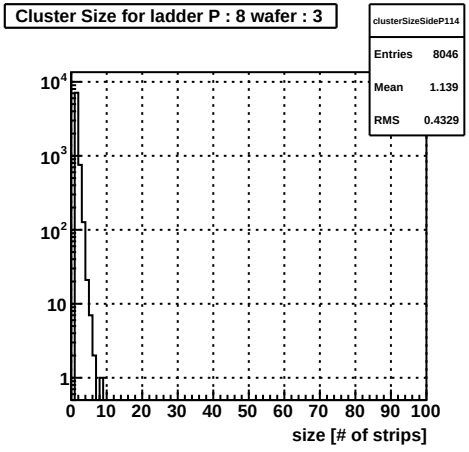

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8400
Mean 1.081
RMS 0.3313
size [# of strips]

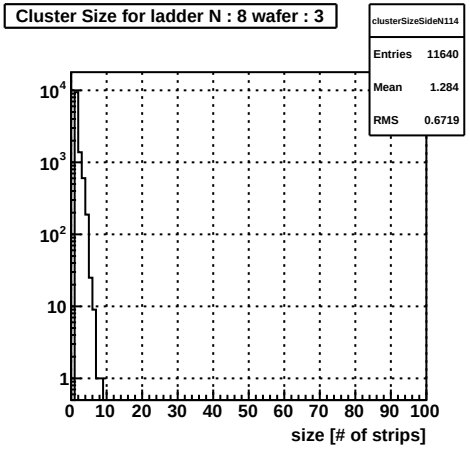

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1874
Mean 1.308
RMS 0.6442
size [# of strips]

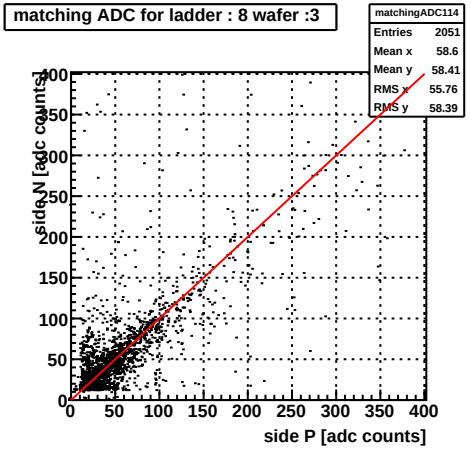

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 522
Mean x 67.54
Mean y 55.17
RMS x 64.44
RMS y 44.31
side N [adc counts]
side P [adc counts]

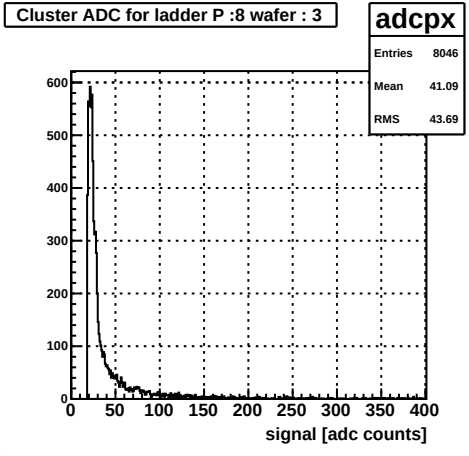

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8400
Mean 35.47
RMS 32.53
signal [adc counts]

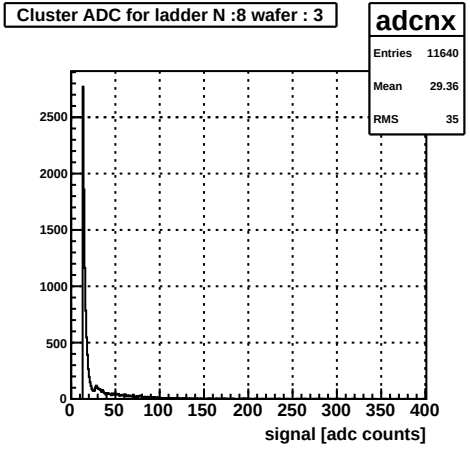

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1874
Mean 39.88
RMS 38.73
signal [adc counts]

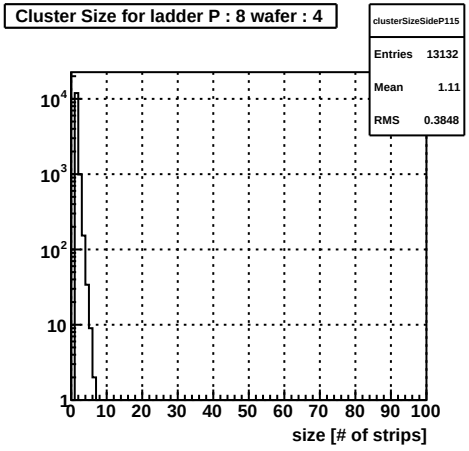

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8046
Mean 1.139
RMS 0.4329
size [# of strips]

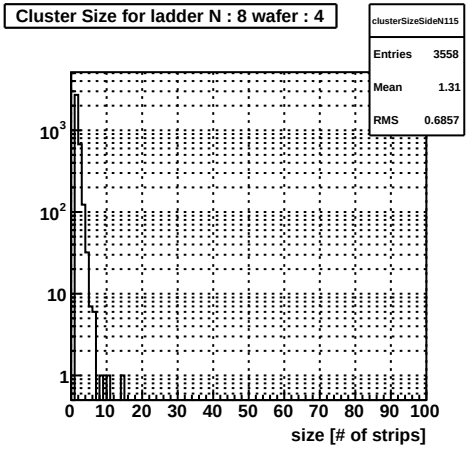

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11640
Mean 1.284
RMS 0.6719
size [# of strips]

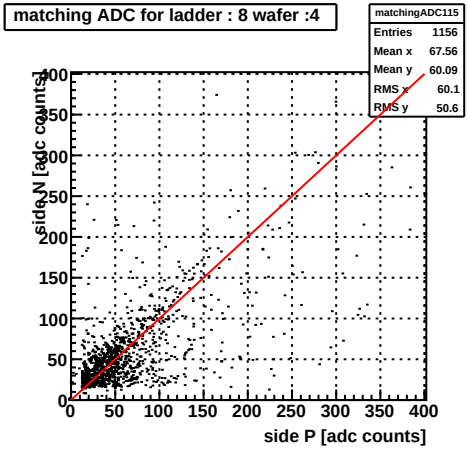

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 2051
Mean x 58.6
Mean y 58.41
RMS x 55.76
RMS y 58.39
side N [adc counts]
side P [adc counts]

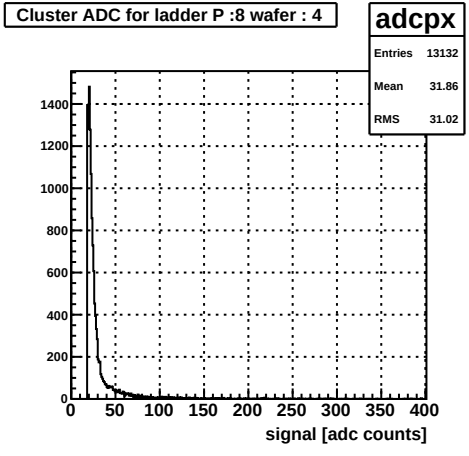

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8046
Mean 41.09
RMS 43.69
signal [adc counts]

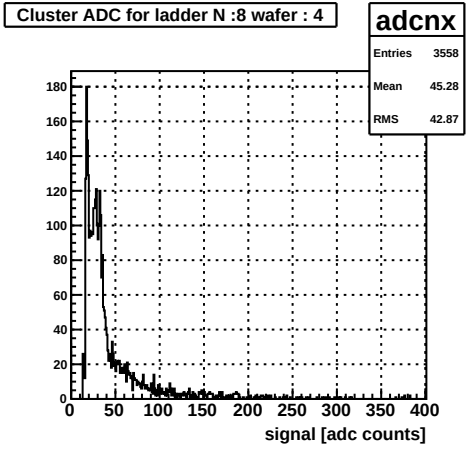

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11640
Mean 29.36
RMS 35
signal [adc counts]

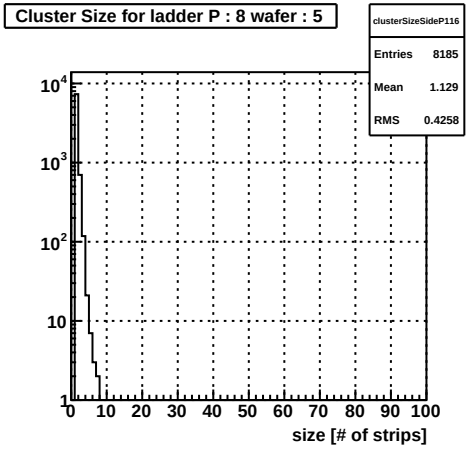

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13132
Mean 1.11
RMS 0.3848
size [# of strips]

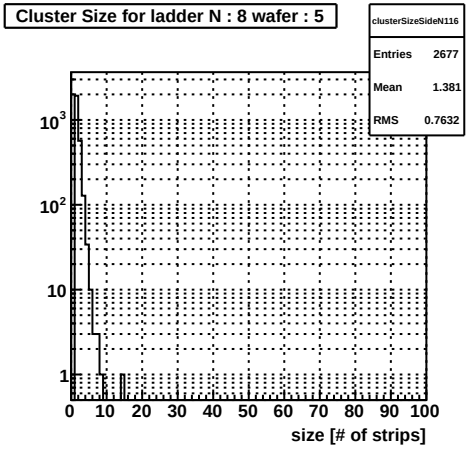

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3558
Mean 1.31
RMS 0.6857
size [# of strips]

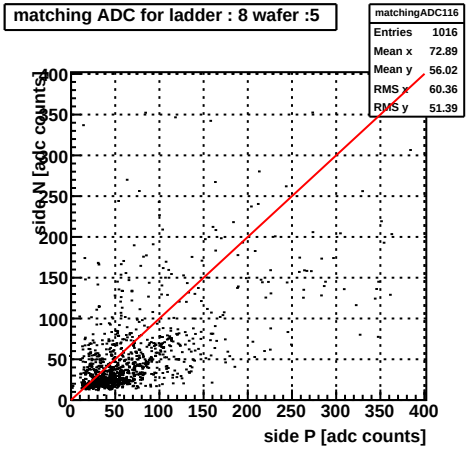

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1156
Mean x 67.56
Mean y 60.09
RMS x 60.1
RMS y 50.6
side N [adc counts]
side P [adc counts]

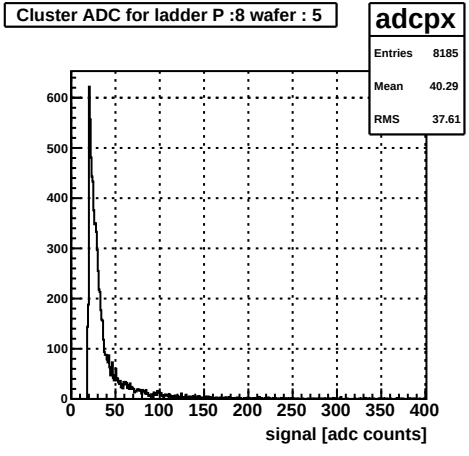

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13132
Mean 31.86
RMS 31.02
signal [adc counts]

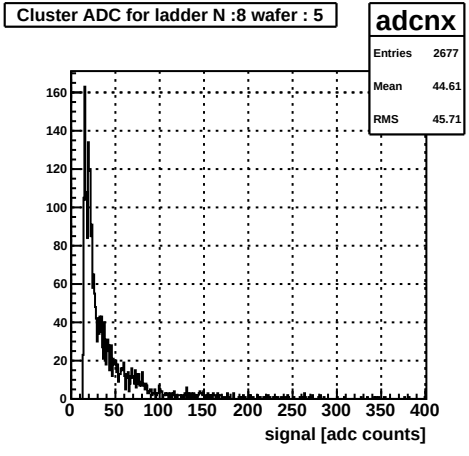

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3558
Mean 45.28
RMS 42.87
signal [adc counts]

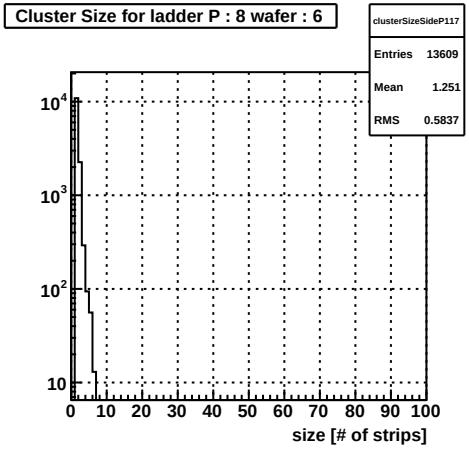

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8185
Mean 1.129
RMS 0.4258
size [# of strips]

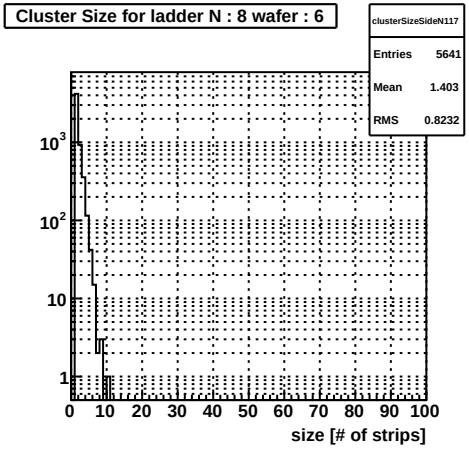

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2677
Mean 1.381
RMS 0.7632
size [# of strips]

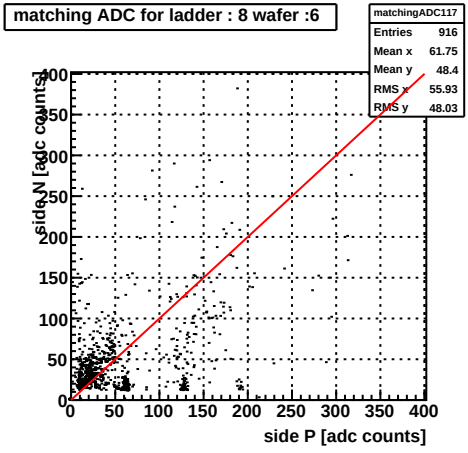

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1016
Mean x 72.89
Mean y 56.02
RMS x 60.36
RMS y 51.39
side N [adc counts]
side P [adc counts]

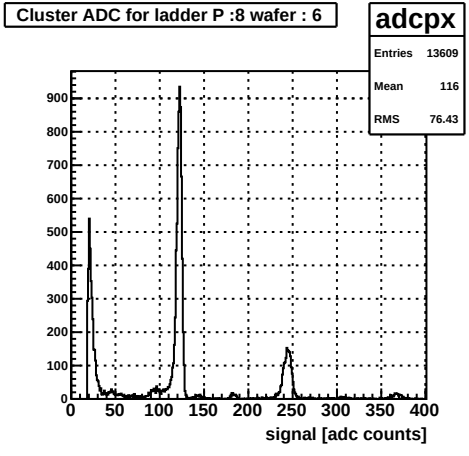

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8185
Mean 40.29
RMS 37.61
signal [adc counts]

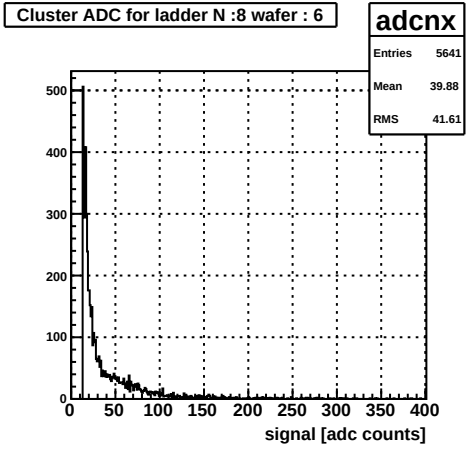

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2677
Mean 44.61
RMS 45.71
signal [adc counts]

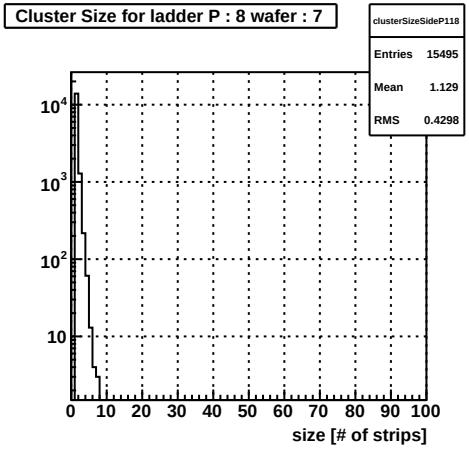

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13609
Mean 1.251
RMS 0.5837
size [# of strips]

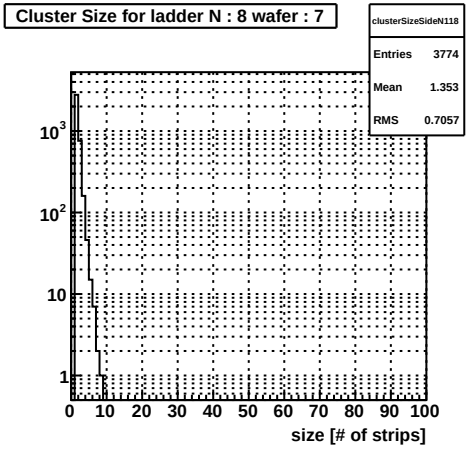

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5641
Mean 1.403
RMS 0.8232
size [# of strips]

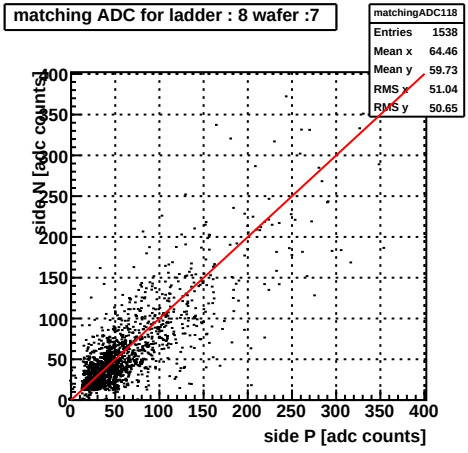

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 916
Mean x 61.75
Mean y 48.4
RMS x 55.93
RMS y 48.03
side N [adc counts]
side P [adc counts]

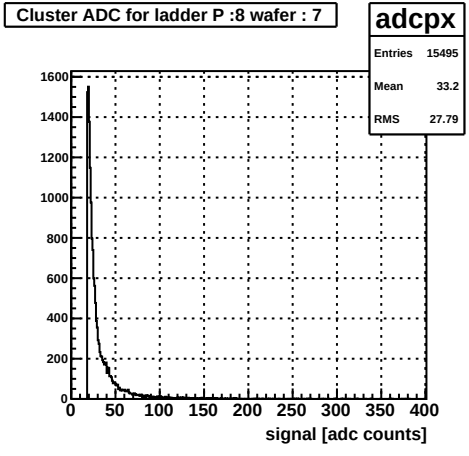

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13609
Mean 116
RMS 76.43
signal [adc counts]

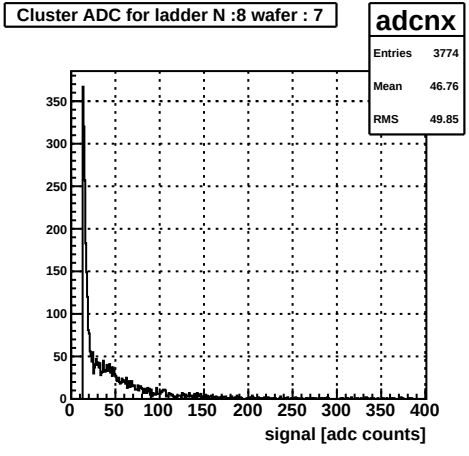

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5641
Mean 39.88
RMS 41.61
signal [adc counts]

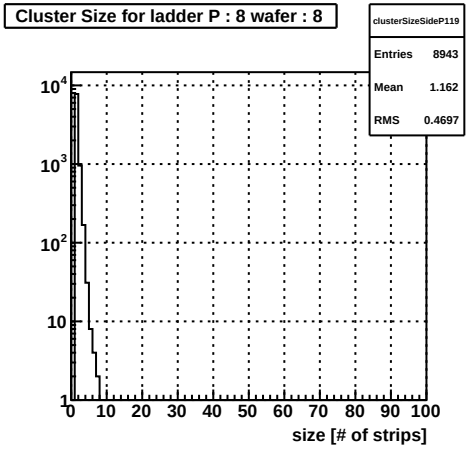

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15495
Mean 1.129
RMS 0.4298
size [# of strips]

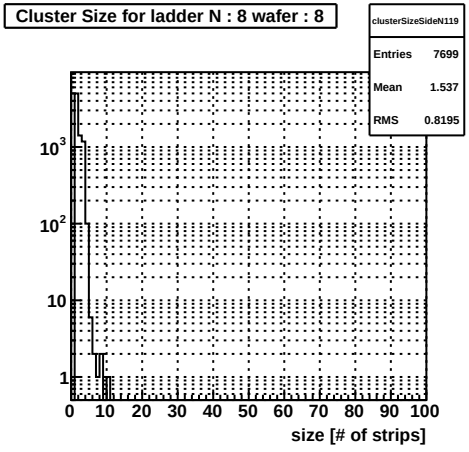

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3774
Mean 1.353
RMS 0.7057
size [# of strips]

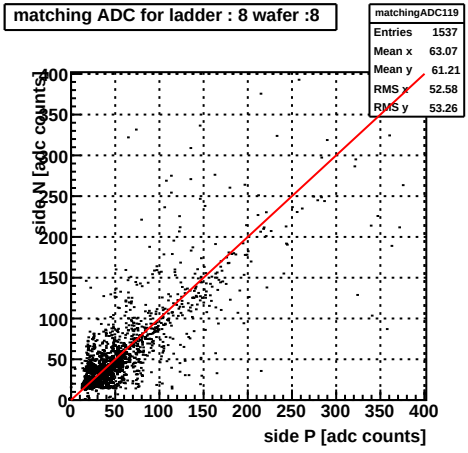

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1538
Mean x 64.46
Mean y 59.73
RMS x 51.04
RMS y 50.65
side N [adc counts]
side P [adc counts]

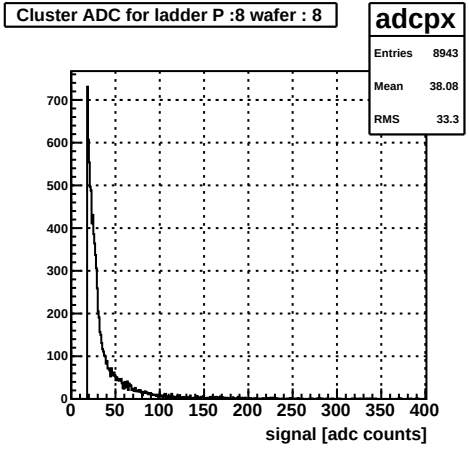

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15495
Mean 33.2
RMS 27.79
signal [adc counts]

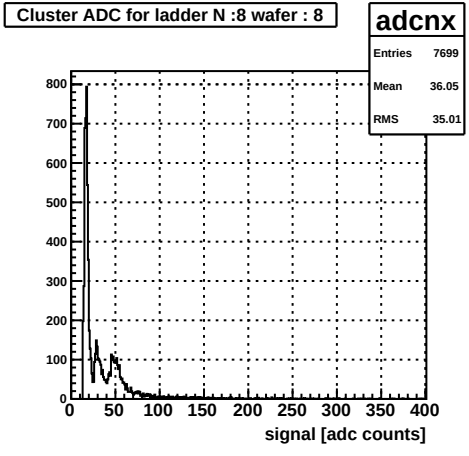

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3774
Mean 46.76
RMS 49.85
signal [adc counts]

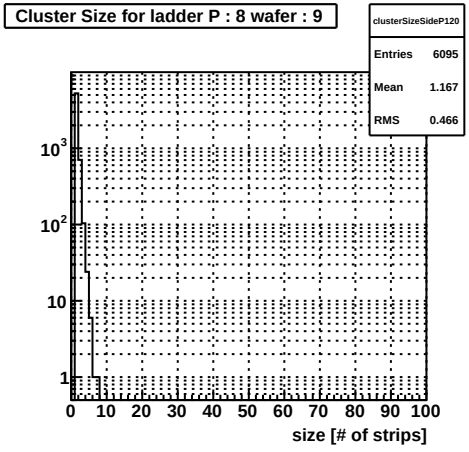

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8943
Mean 1.162
RMS 0.4697
size [# of strips]

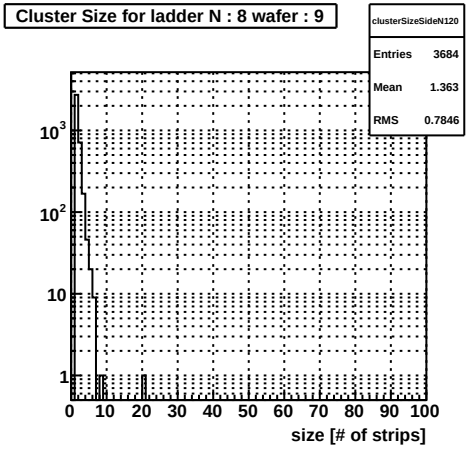

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7699
Mean 1.537
RMS 0.8195
size [# of strips]

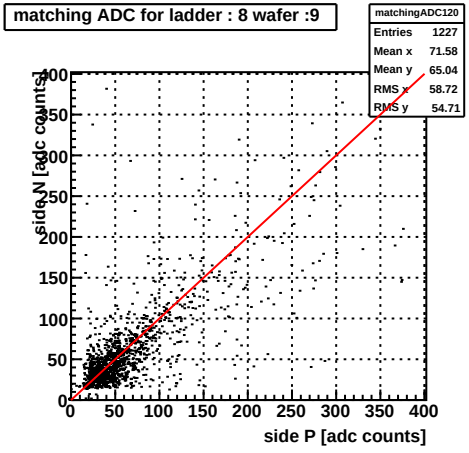

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1537
Mean x 63.07
Mean y 61.21
RMS x 52.58
RMS y 53.26
side N [adc counts]
side P [adc counts]

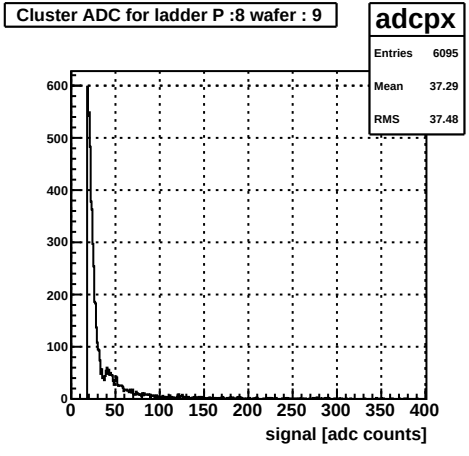

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8943
Mean 38.08
RMS 33.3
signal [adc counts]

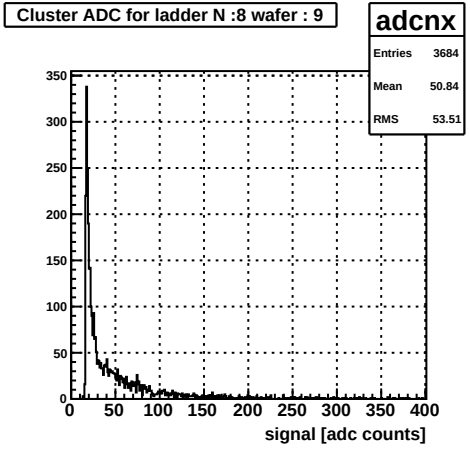

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7699
Mean 36.05
RMS 35.01
signal [adc counts]

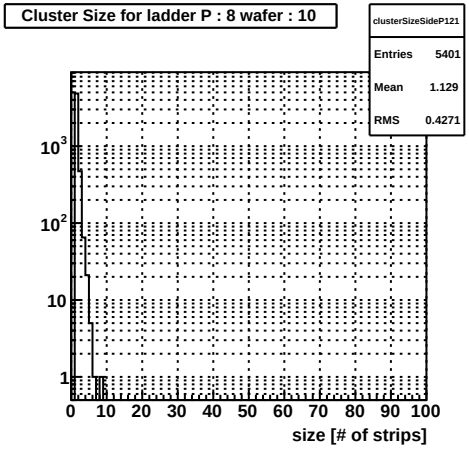

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6095
Mean 1.167
RMS 0.466
size [# of strips]

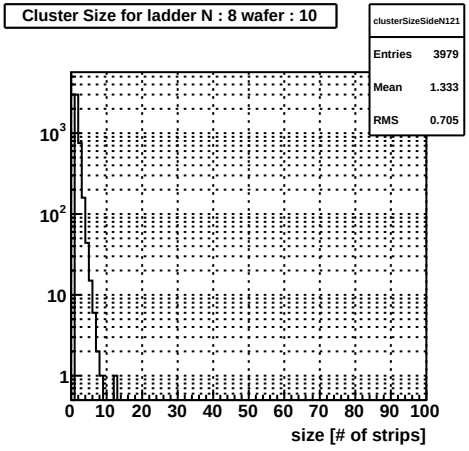

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3684
Mean 1.363
RMS 0.7846
size [# of strips]

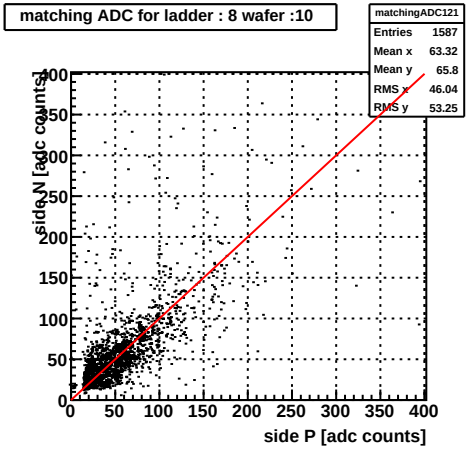

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1227
Mean x 71.58
Mean y 65.04
RMS x 58.72
RMS y 54.71
side N [adc counts]
side P [adc counts]

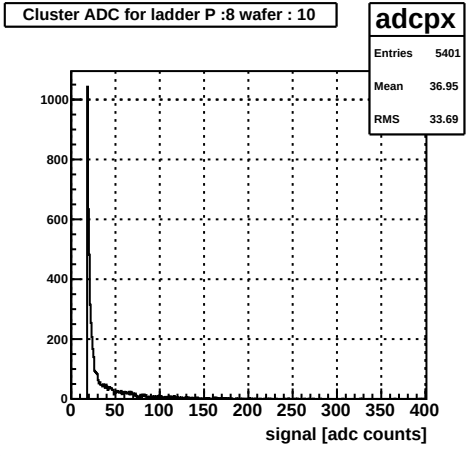

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6095
Mean 37.29
RMS 37.48
signal [adc counts]

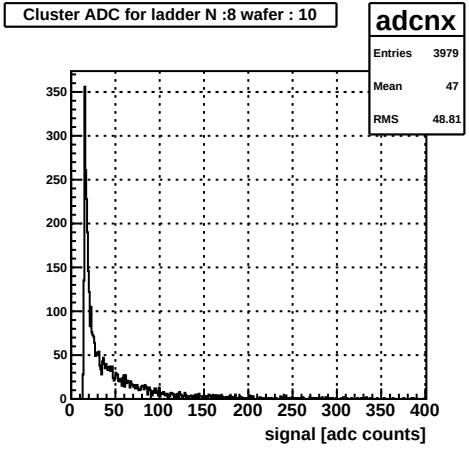

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3684
Mean 50.84
RMS 53.51
signal [adc counts]

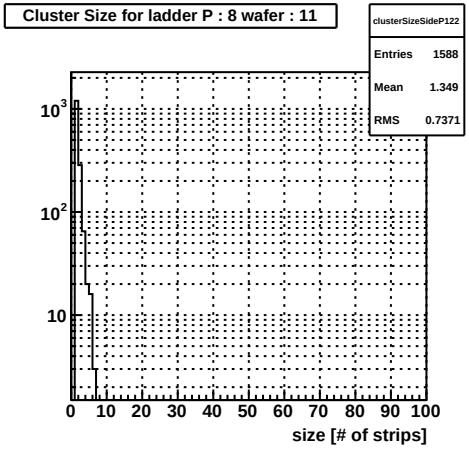

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5401
Mean 1.129
RMS 0.4271
size [# of strips]

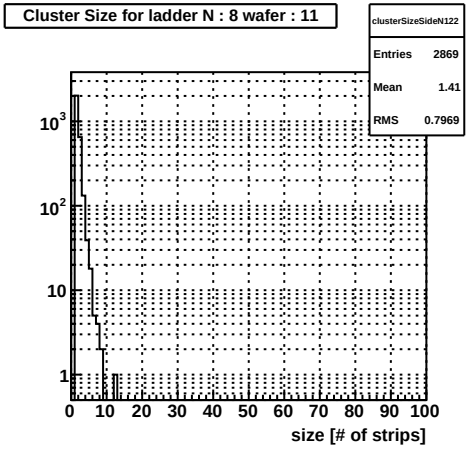

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3979
Mean 1.333
RMS 0.705
size [# of strips]

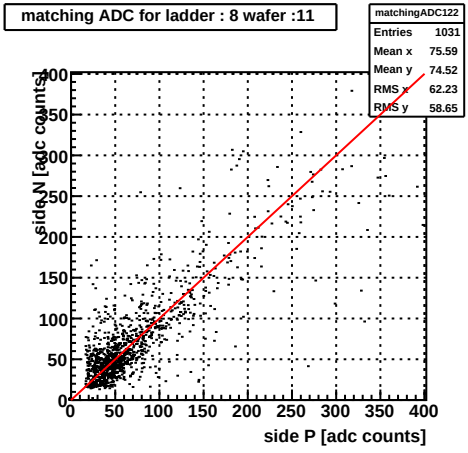

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1587
Mean x 63.32
Mean y 65.8
RMS x 46.04
RMS y 53.25
side N [adc counts]
side P [adc counts]

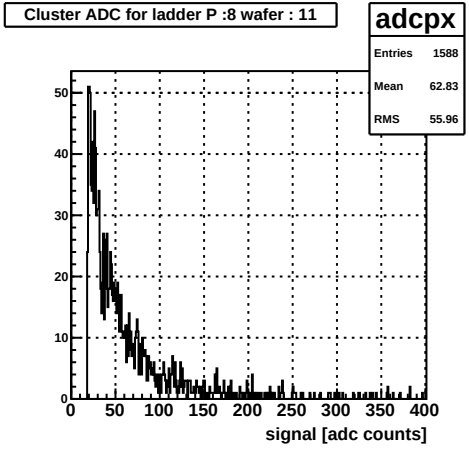

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5401
Mean 36.95
RMS 33.69
signal [adc counts]

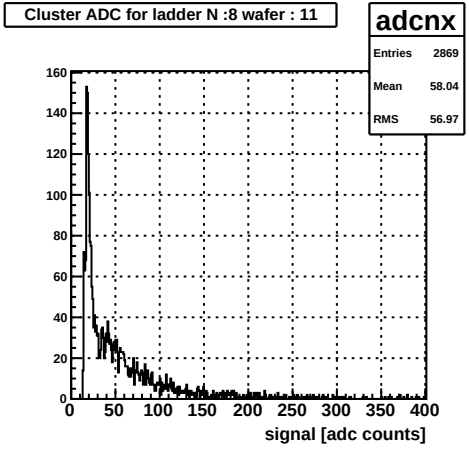

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3979
Mean 47
RMS 48.81
signal [adc counts]

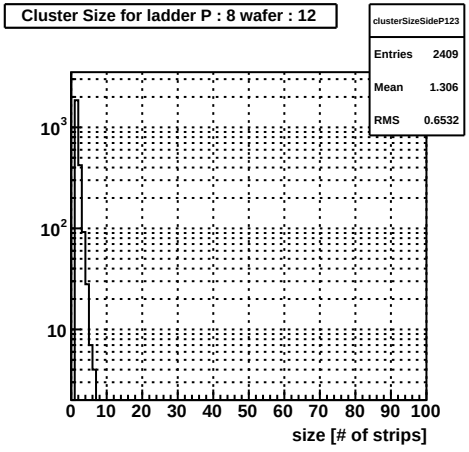

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1588
Mean 1.349
RMS 0.7371
size [# of strips]

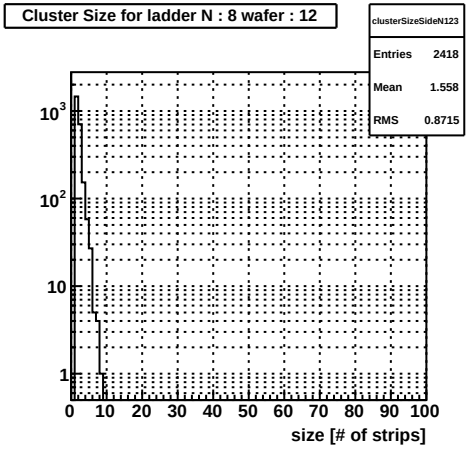

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2869
Mean 1.41
RMS 0.7969
size [# of strips]

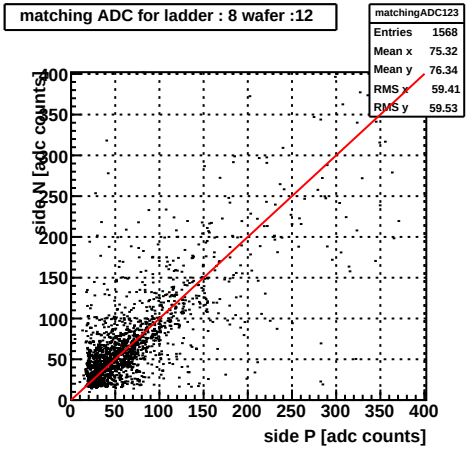

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1031
Mean x 75.59
Mean y 74.52
RMS x 62.23
RMS y 58.65
side N [adc counts]
side P [adc counts]

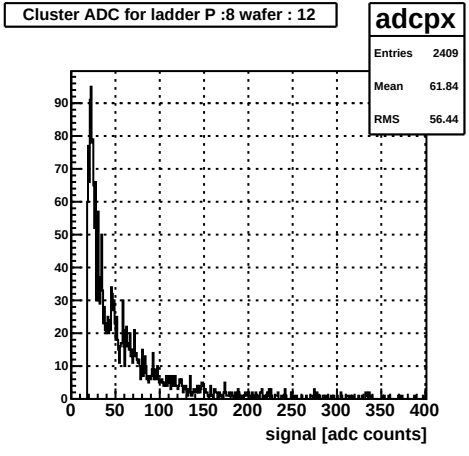

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1588
Mean 62.83
RMS 55.96
signal [adc counts]

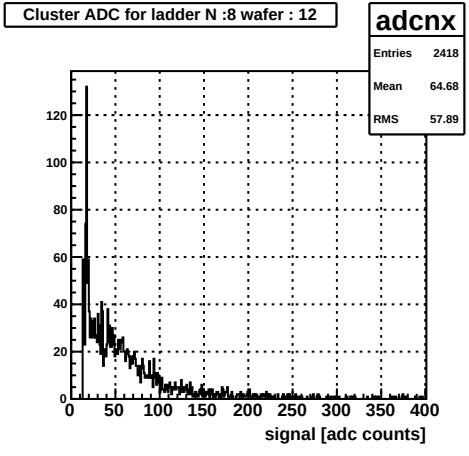

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2869
Mean 58.04
RMS 56.97
signal [adc counts]

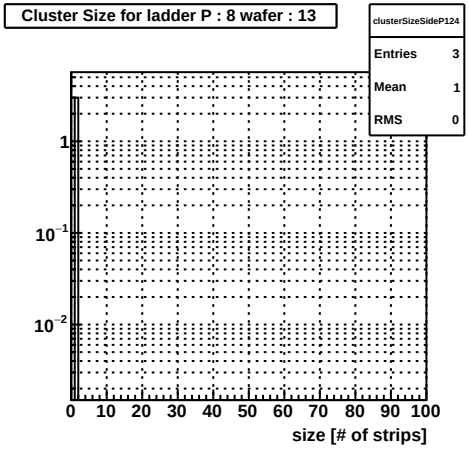

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2409
Mean 1.306
RMS 0.6532
size [# of strips]

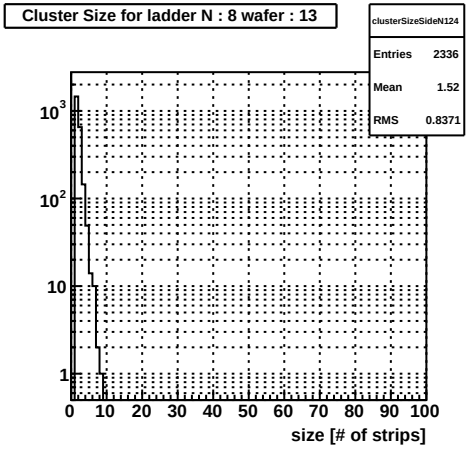

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2418
Mean 1.558
RMS 0.8715
size [# of strips]

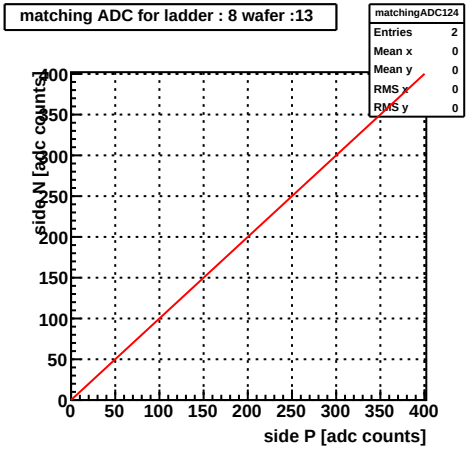

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1568
Mean x 75.32
Mean y 76.34
RMS x 59.41
RMS y 59.53
side N [adc counts]
side P [adc counts]

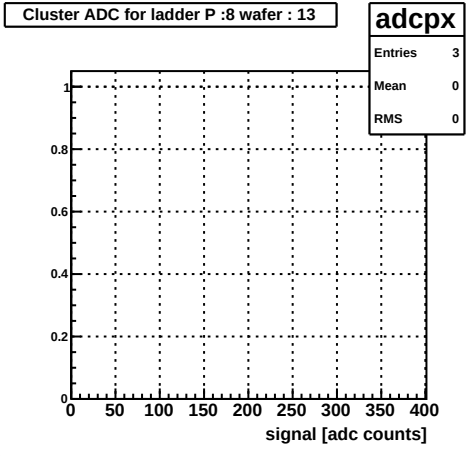

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2409
Mean 61.84
RMS 56.44
signal [adc counts]

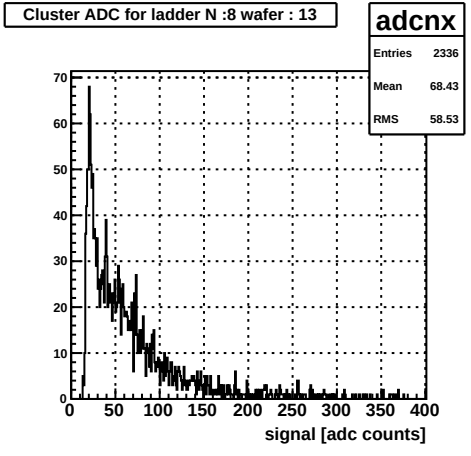

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2418
Mean 64.68
RMS 57.89
signal [adc counts]

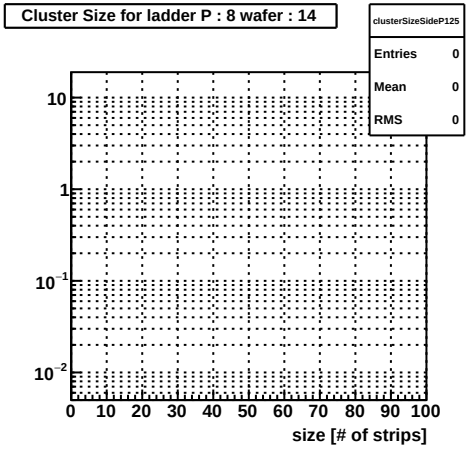

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 3
Mean 1
RMS 0
size [# of strips]

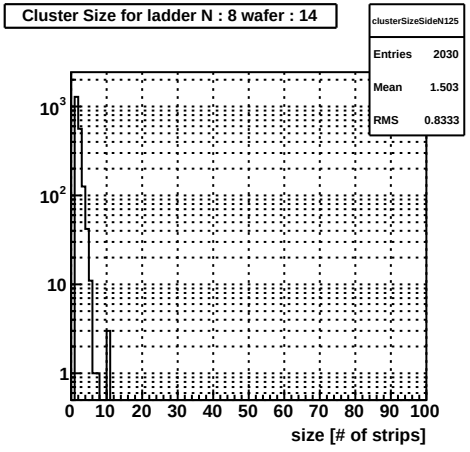

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2336
Mean 1.52
RMS 0.8371
size [# of strips]

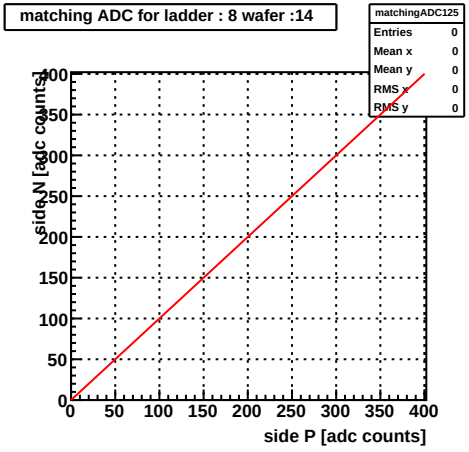

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

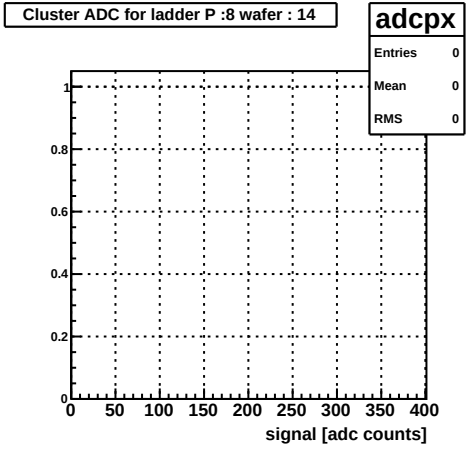

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

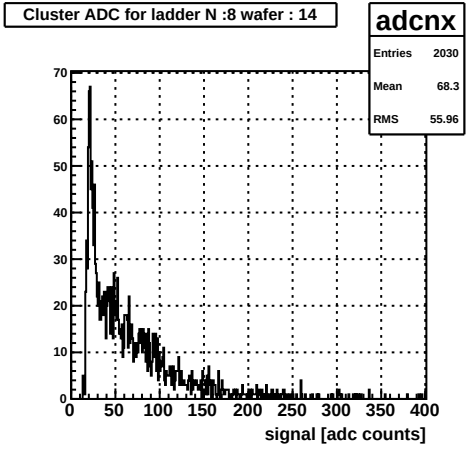

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2336
Mean 68.43
RMS 58.53
signal [adc counts]

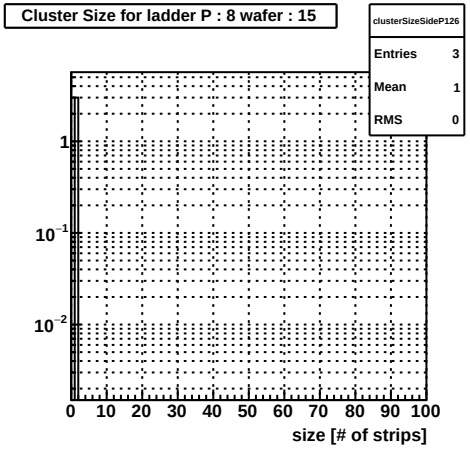

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

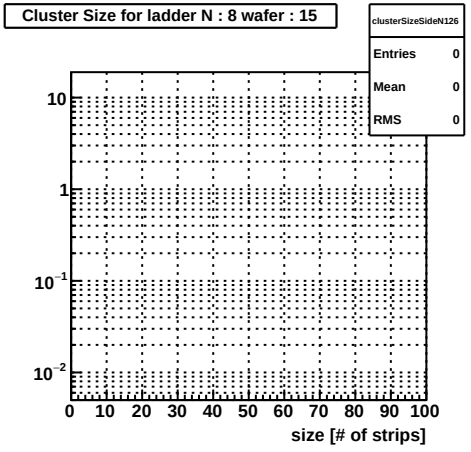

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2030
Mean 1.503
RMS 0.8333
size [# of strips]

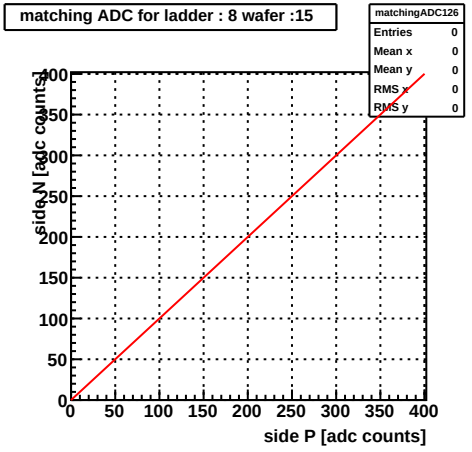

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

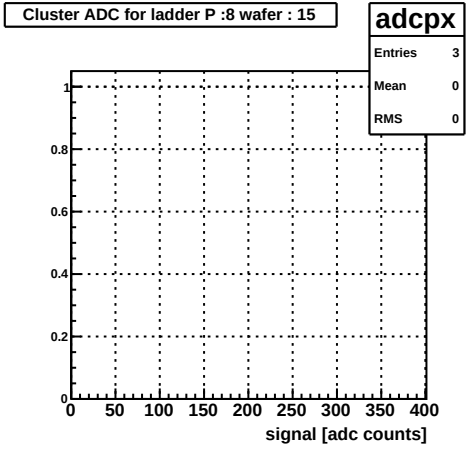

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

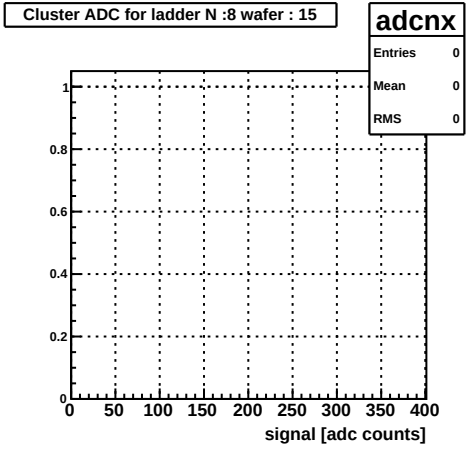

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2030
Mean 68.3
RMS 55.96
signal [adc counts]

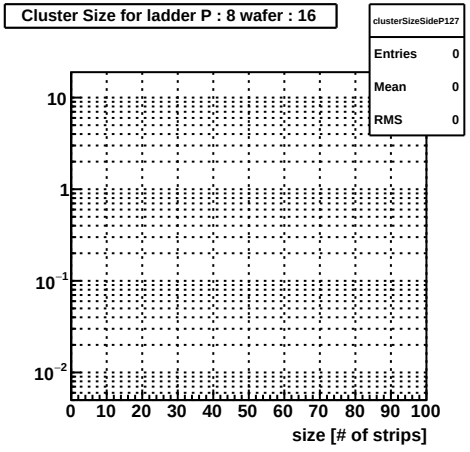

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 3
Mean 1
RMS 0
size [# of strips]

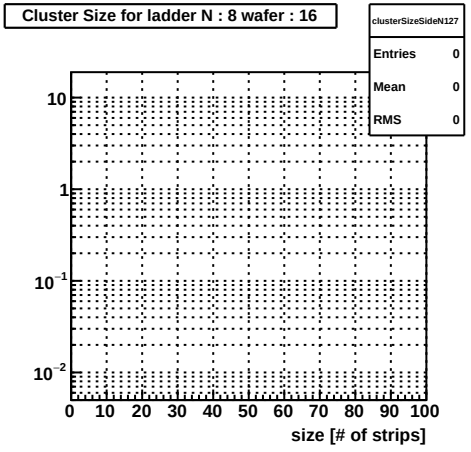

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

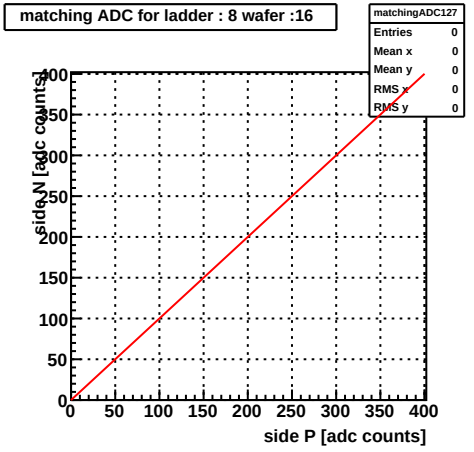

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

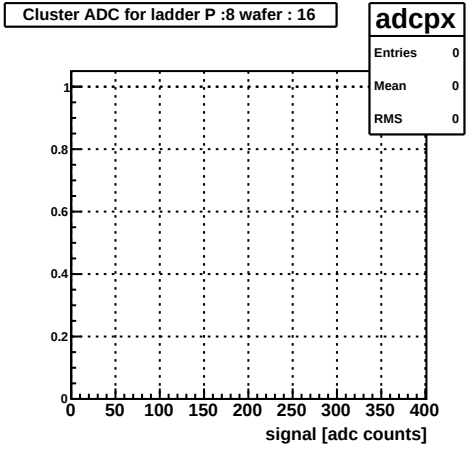

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

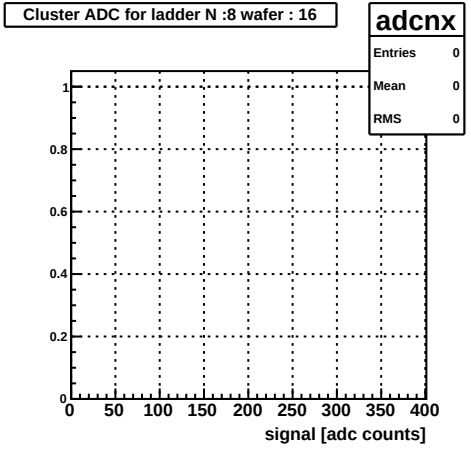

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

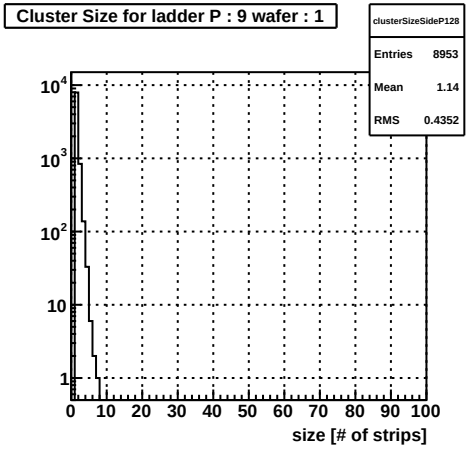

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

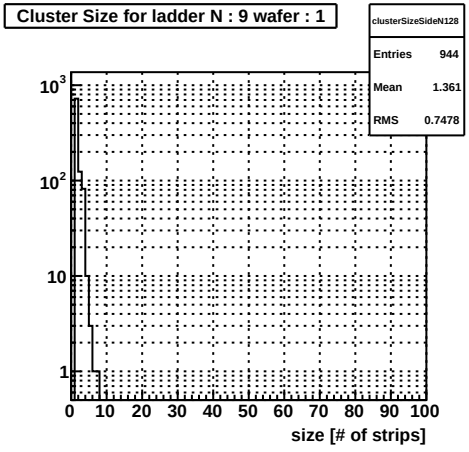

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

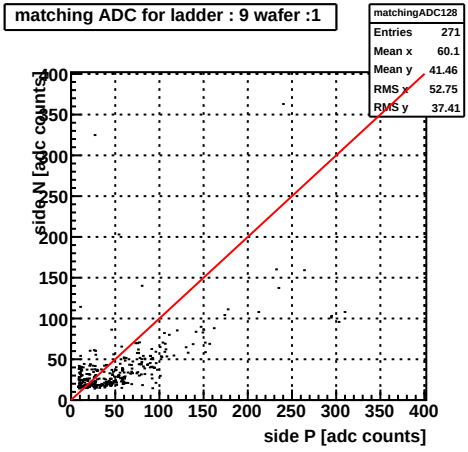

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

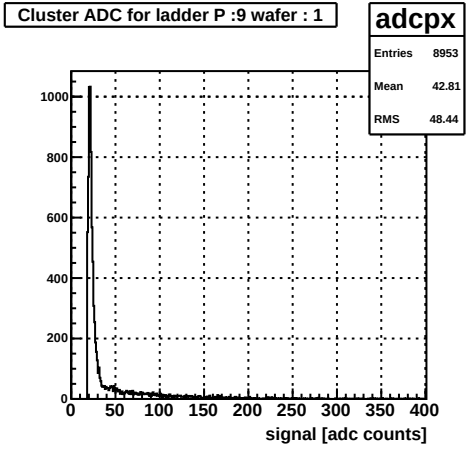

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

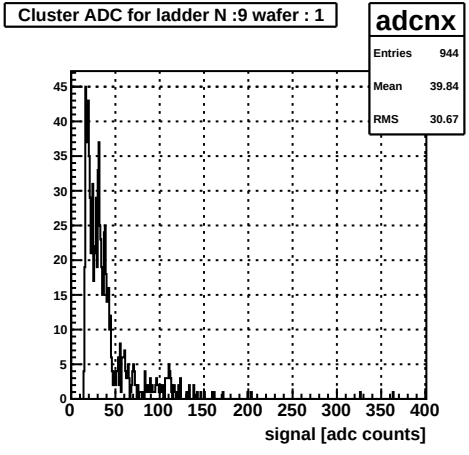

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

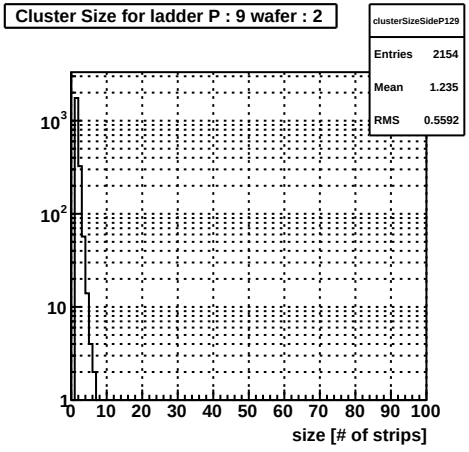

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8953
Mean 1.14
RMS 0.4352
size [# of strips]

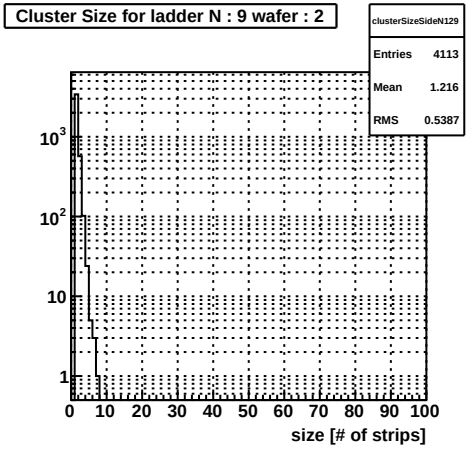

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 944
Mean 1.361
RMS 0.7478
size [# of strips]

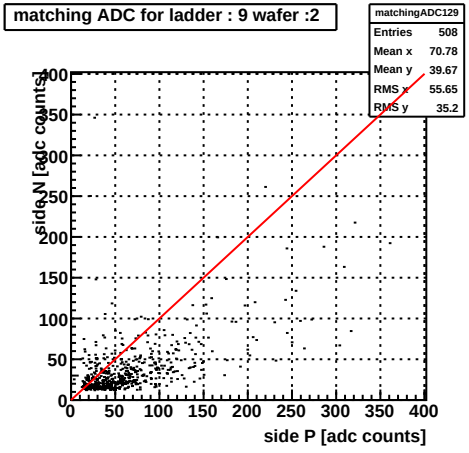

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 271
Mean x 60.1
Mean y 41.46
RMS x 52.75
RMS y 37.41
side N [adc counts]
side P [adc counts]

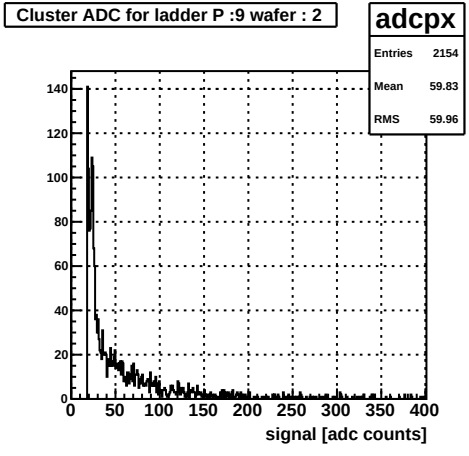

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8953
Mean 42.81
RMS 48.44
signal [adc counts]

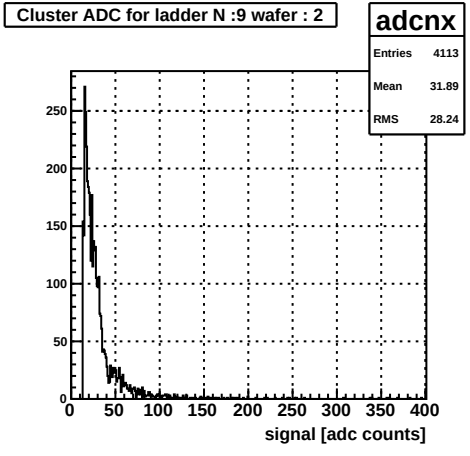

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 944
Mean 39.84
RMS 30.67
signal [adc counts]

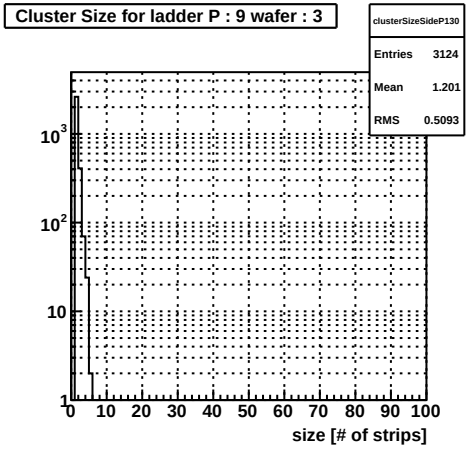

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2154
Mean 1.235
RMS 0.5592
size [# of strips]

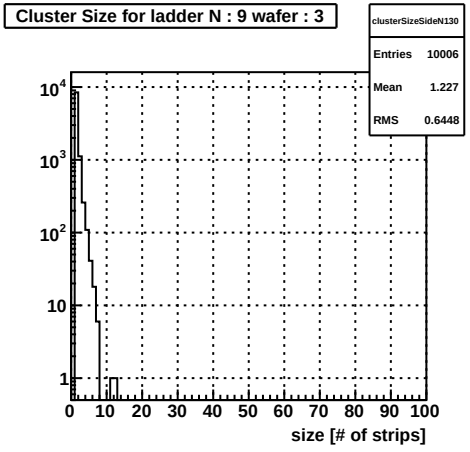

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4113
Mean 1.216
RMS 0.5387
size [# of strips]

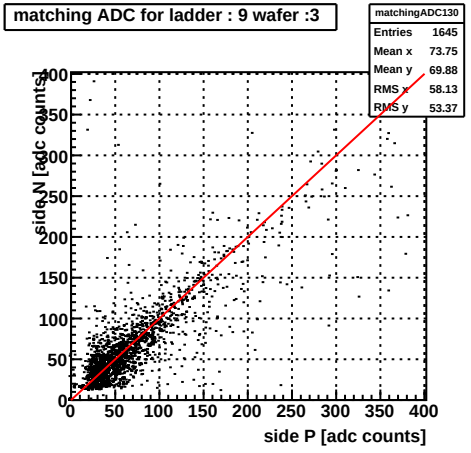

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 508
Mean x 70.78
Mean y 39.67
RMS x 55.65
RMS y 35.2
side N [adc counts]
side P [adc counts]

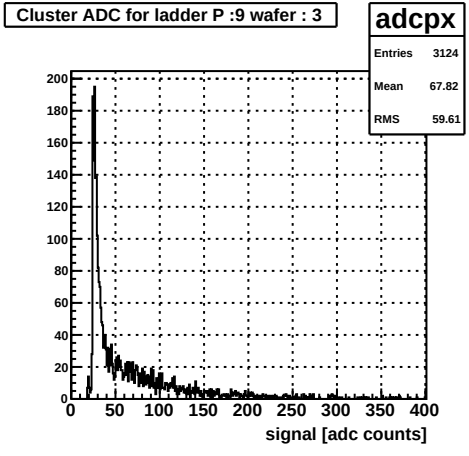

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2154
Mean 59.83
RMS 59.96
signal [adc counts]

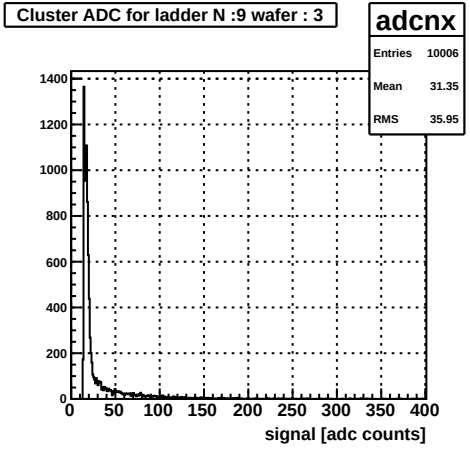

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4113
Mean 31.89
RMS 28.24
signal [adc counts]

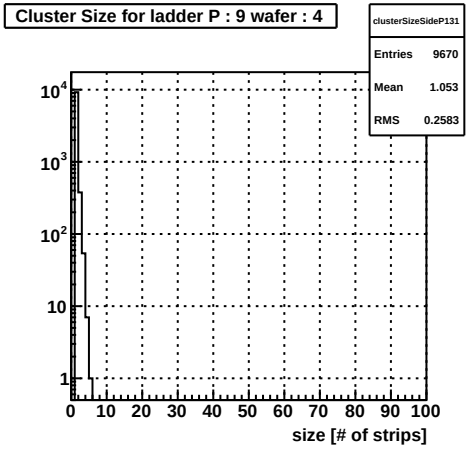

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3124
Mean 1.201
RMS 0.5093
size [# of strips]

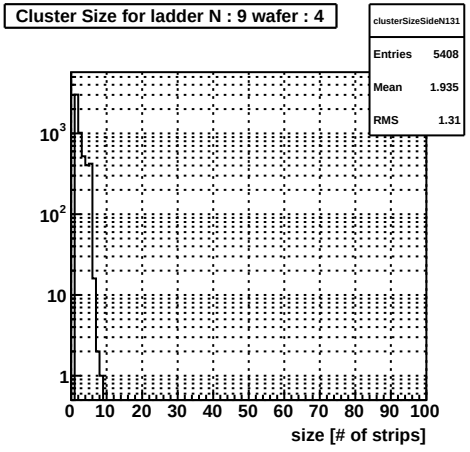

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10006
Mean 1.227
RMS 0.6448
size [# of strips]

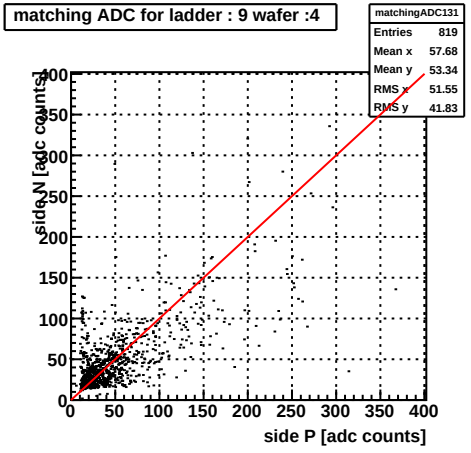

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1645
Mean x 73.75
Mean y 69.88
RMS x 58.13
RMS y 53.37
side N [adc counts]
side P [adc counts]

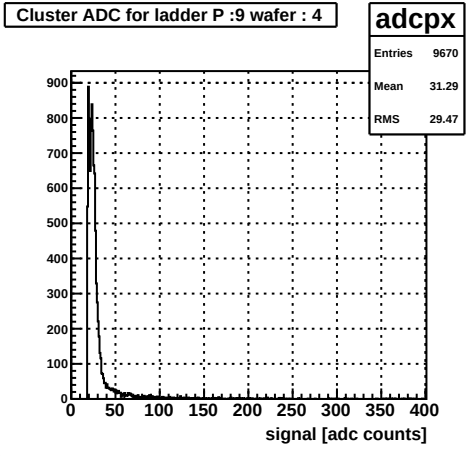

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3124
Mean 67.82
RMS 59.61
signal [adc counts]

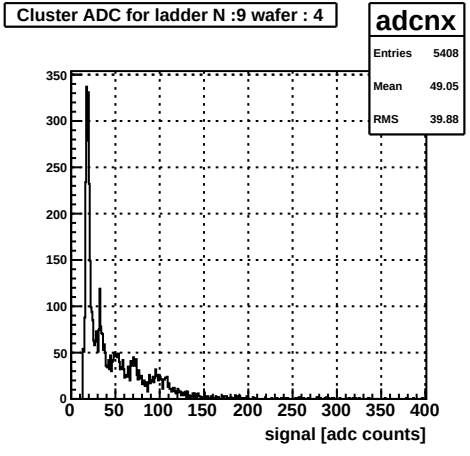

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10006
Mean 31.35
RMS 35.95
signal [adc counts]

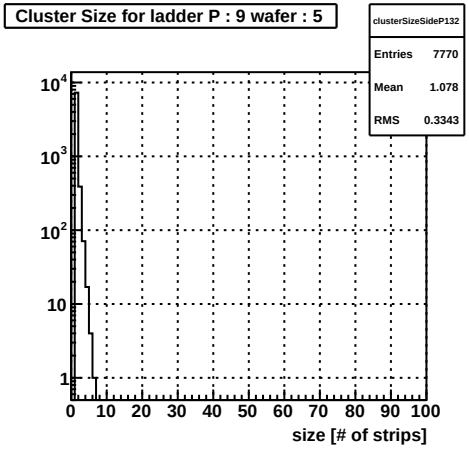

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9670
Mean 1.053
RMS 0.2583
size [# of strips]

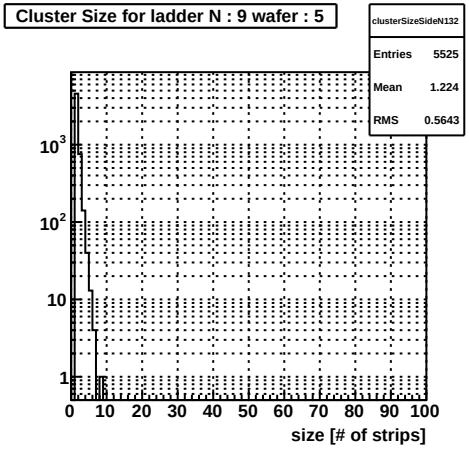

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5408
Mean 1.935
RMS 1.31
size [# of strips]

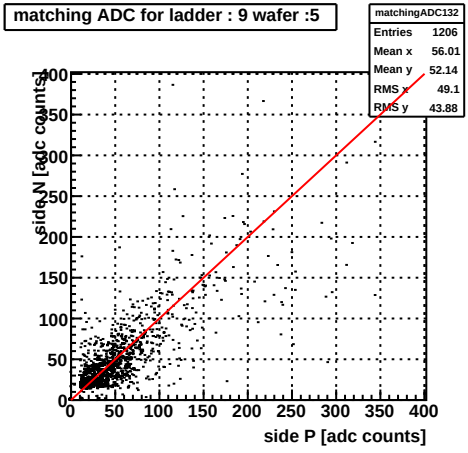

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 819
Mean x 57.68
Mean y 53.34
RMS x 51.55
RMS y 41.83
side N [adc counts]
side P [adc counts]

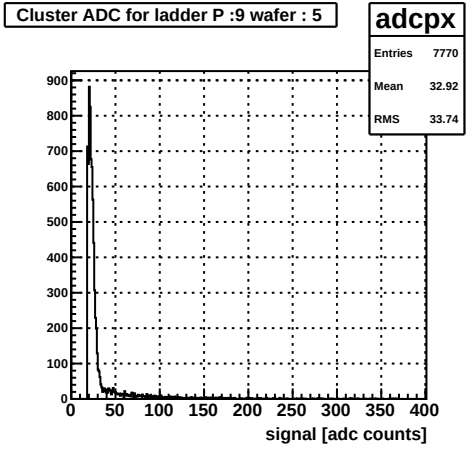

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9670
Mean 31.29
RMS 29.47
signal [adc counts]

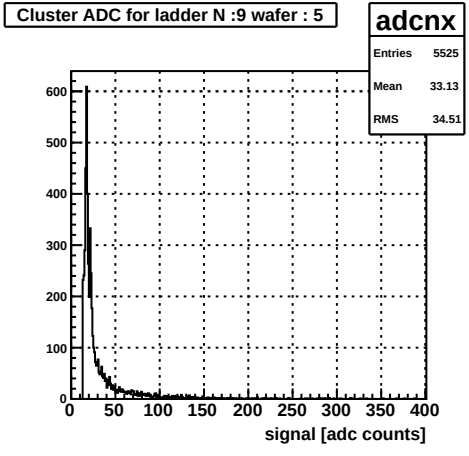

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5408
Mean 49.05
RMS 39.88
signal [adc counts]

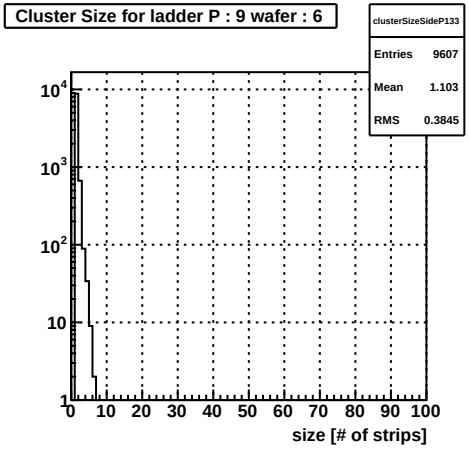

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7770
Mean 1.078
RMS 0.3343
size [# of strips]

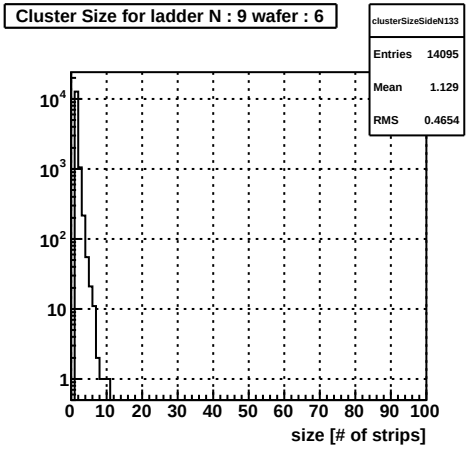

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5525
Mean 1.224
RMS 0.5643
size [# of strips]

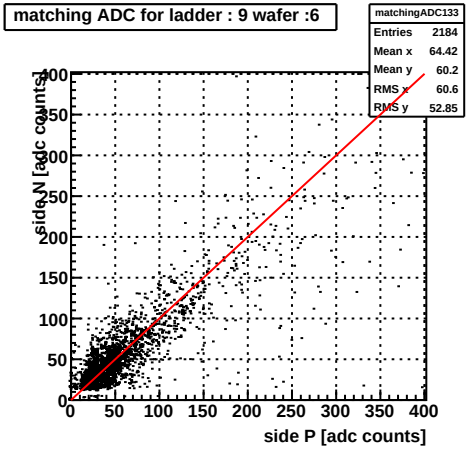

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1206
Mean x 56.01
Mean y 52.14
RMS x 49.1
RMS y 43.88
side N [adc counts]
side P [adc counts]

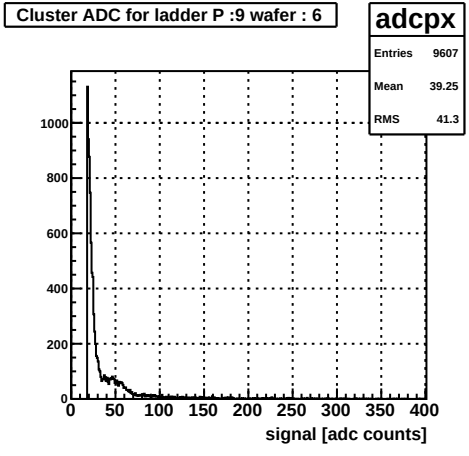

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7770
Mean 32.92
RMS 33.74
signal [adc counts]

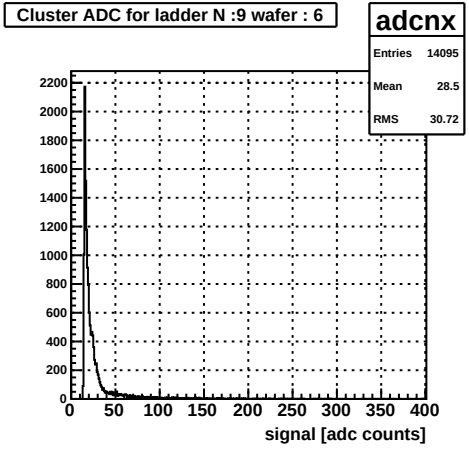

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5525
Mean 33.13
RMS 34.51
signal [adc counts]

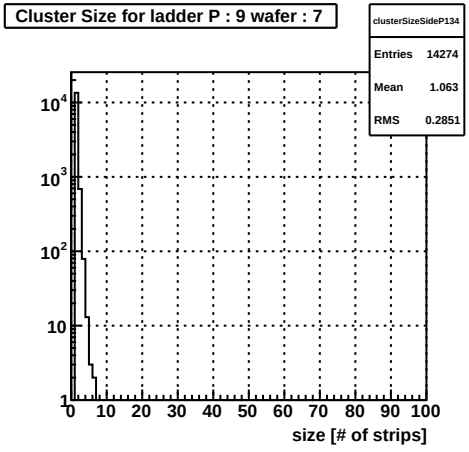

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9607
Mean 1.103
RMS 0.3845
size [# of strips]

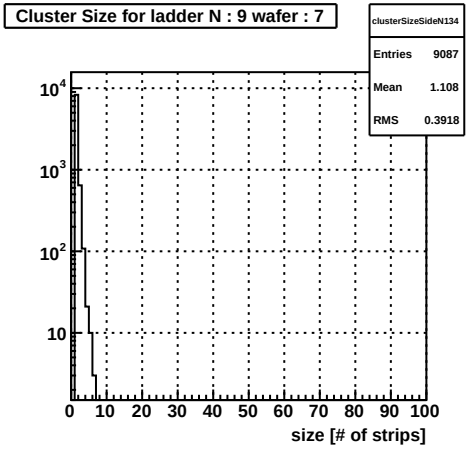

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 14095
Mean 1.129
RMS 0.4654
size [# of strips]

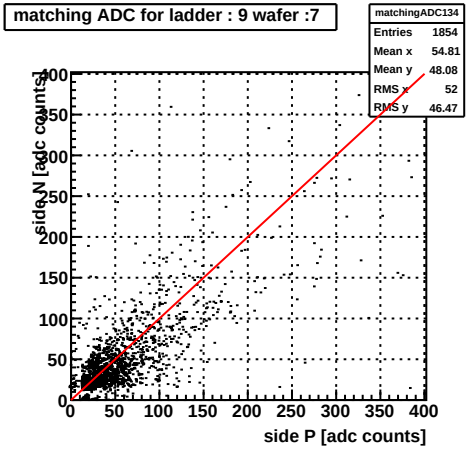

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2184
Mean x 64.42
Mean y 60.2
RMS x 60.6
RMS y 52.85
side N [adc counts]
side P [adc counts]

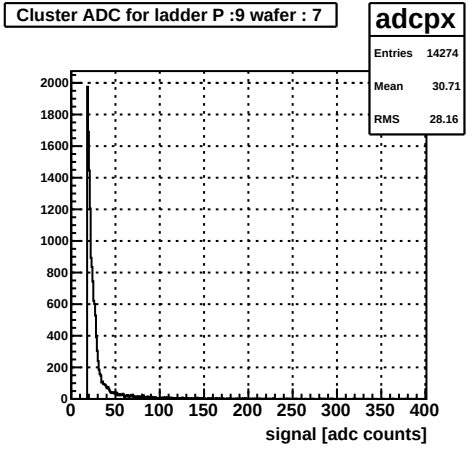

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9607
Mean 39.25
RMS 41.3
signal [adc counts]

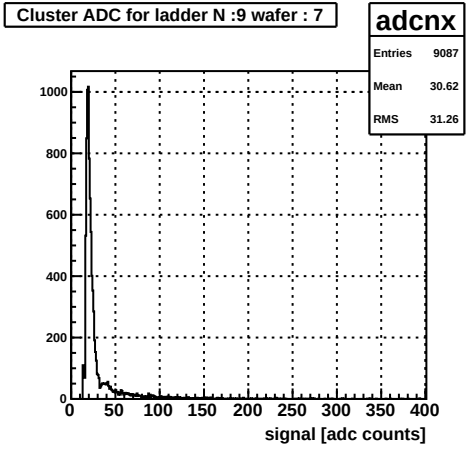

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 14095
Mean 28.5
RMS 30.72
signal [adc counts]

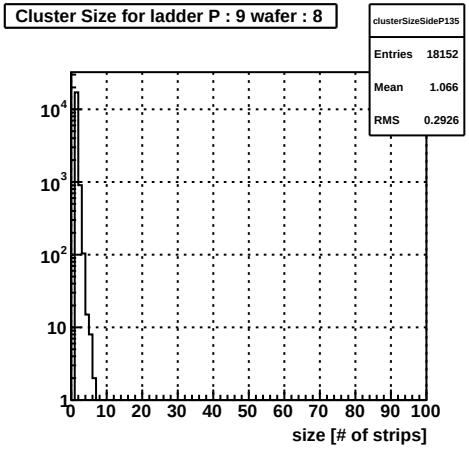

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14274
Mean 1.063
RMS 0.2851
size [# of strips]

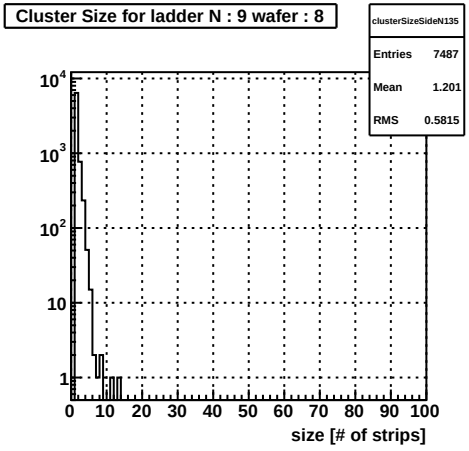

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9087
Mean 1.108
RMS 0.3918
size [# of strips]

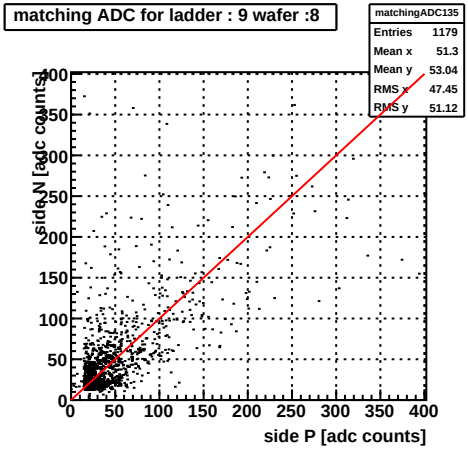

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1854
Mean x 54.81
Mean y 48.08
RMS x 52
RMS y 46.47
side N [adc counts]
side P [adc counts]

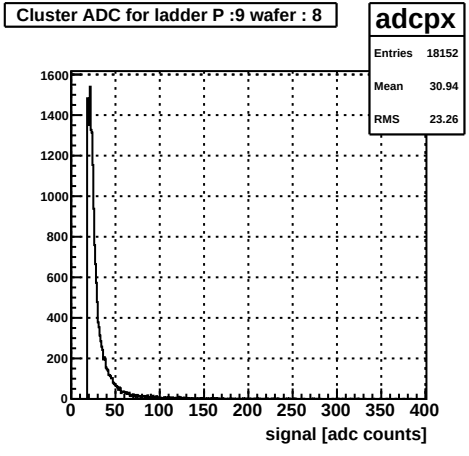

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14274
Mean 30.71
RMS 28.16
signal [adc counts]

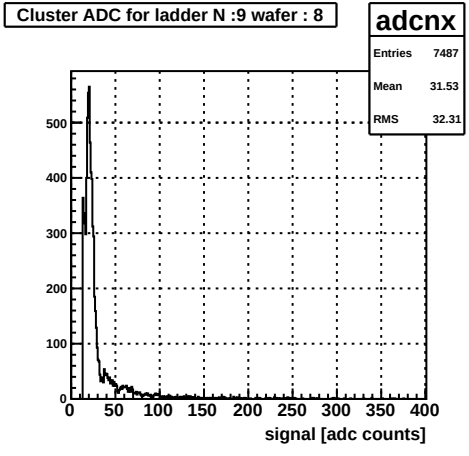

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9087
Mean 30.62
RMS 31.26
signal [adc counts]

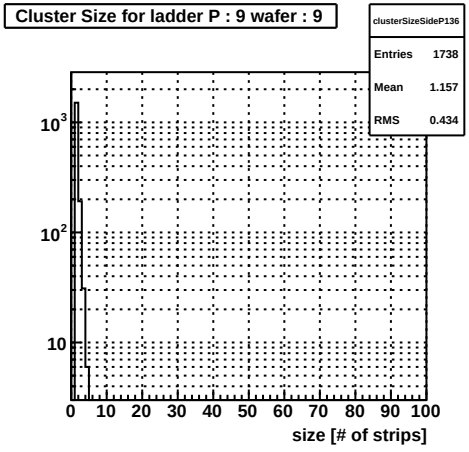

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 18152
Mean 1.066
RMS 0.2926
size [# of strips]

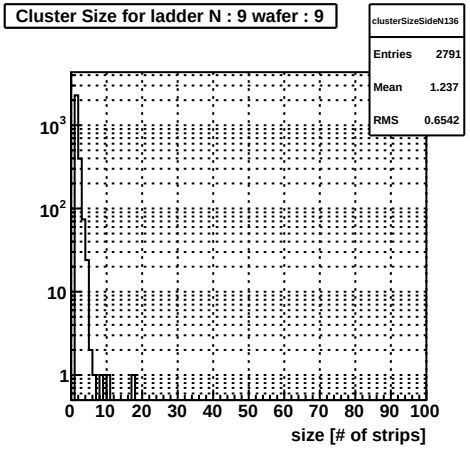

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7487
Mean 1.201
RMS 0.5815
size [# of strips]

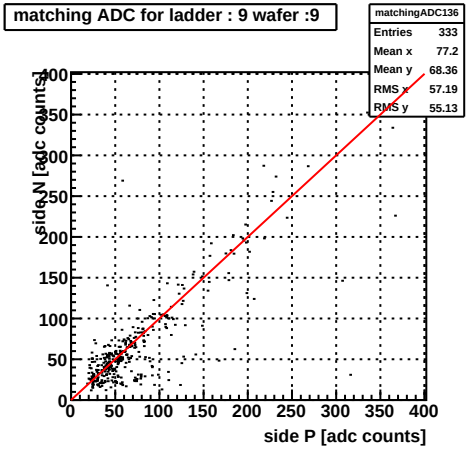

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1179
Mean x 51.3
Mean y 53.04
RMS x 47.45
RMS y 51.12
side N [adc counts]
side P [adc counts]

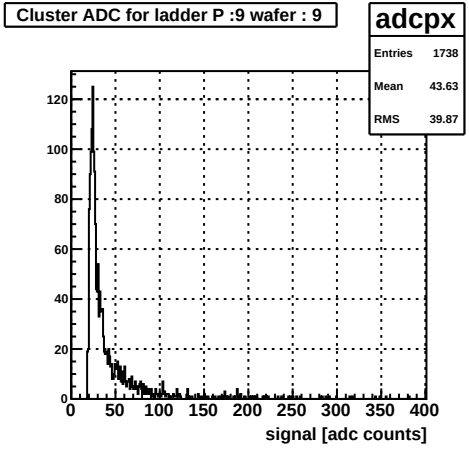

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 18152
Mean 30.94
RMS 23.26
signal [adc counts]

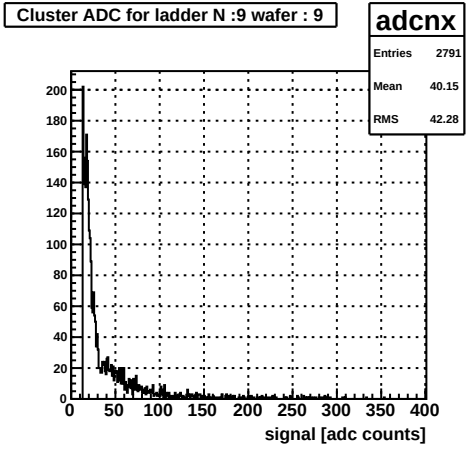

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7487
Mean 31.53
RMS 32.31
signal [adc counts]

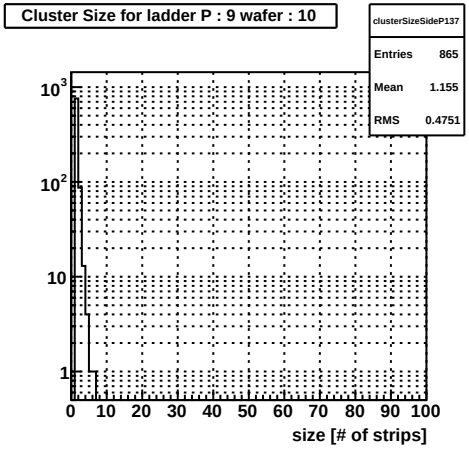

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1738
Mean 1.157
RMS 0.434
size [# of strips]

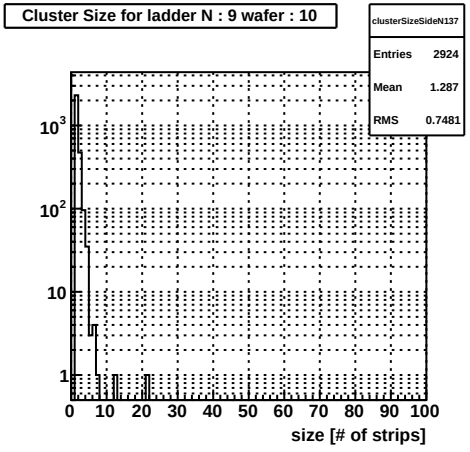

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2791
Mean 1.237
RMS 0.6542
size [# of strips]

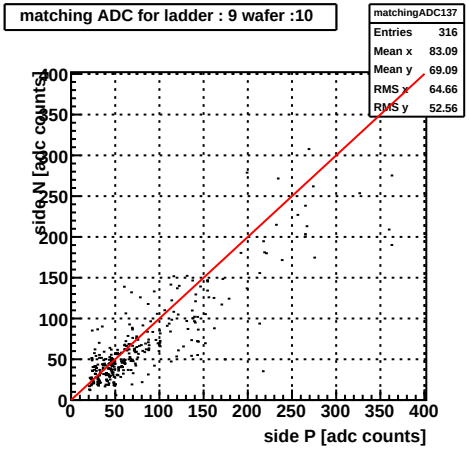

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 333
Mean x 77.2
Mean y 68.36
RMS x 57.19
RMS y 55.13
side N [adc counts]
side P [adc counts]

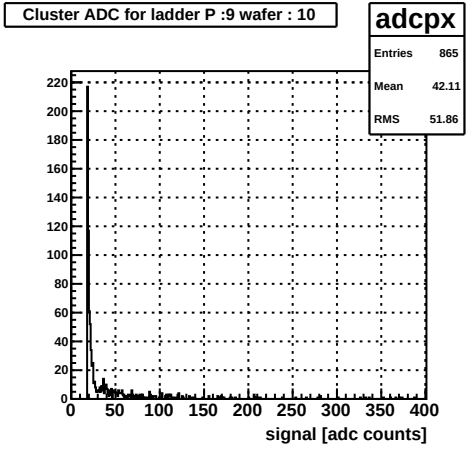

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1738
Mean 43.63
RMS 39.87
signal [adc counts]

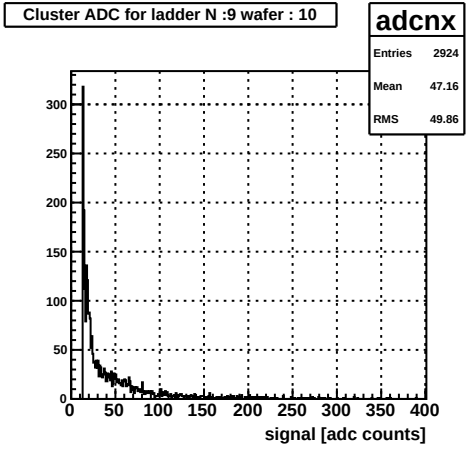

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2791
Mean 40.15
RMS 42.28
signal [adc counts]

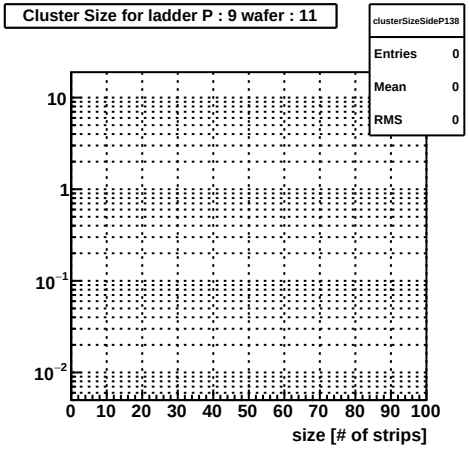

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 865
Mean 1.155
RMS 0.4751
size [# of strips]

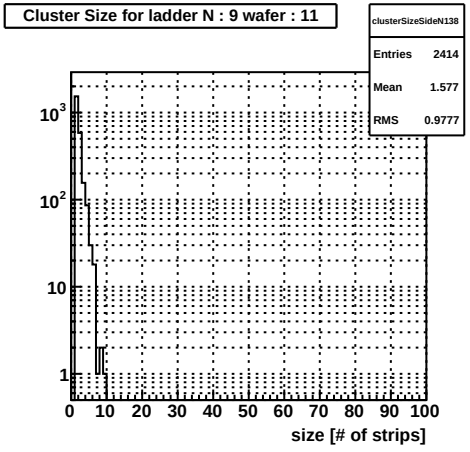

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2924
Mean 1.287
RMS 0.7481
size [# of strips]

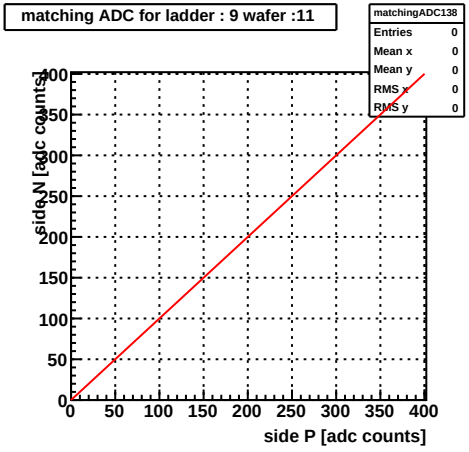

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 316
Mean x 83.09
Mean y 69.09
RMS x 64.66
RMS y 52.56
side N [adc counts]
side P [adc counts]

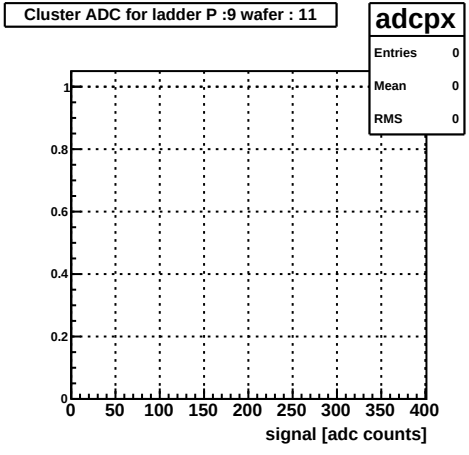

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 865
Mean 42.11
RMS 51.86
signal [adc counts]

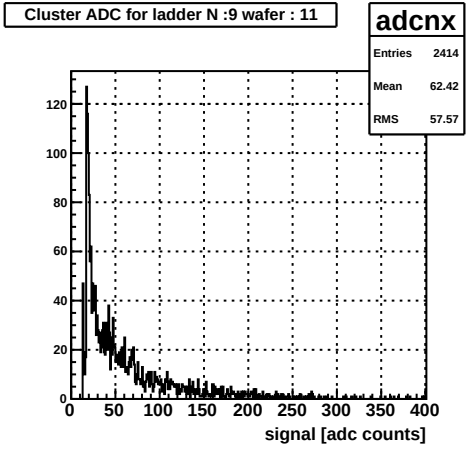

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2924
Mean 47.16
RMS 49.86
signal [adc counts]

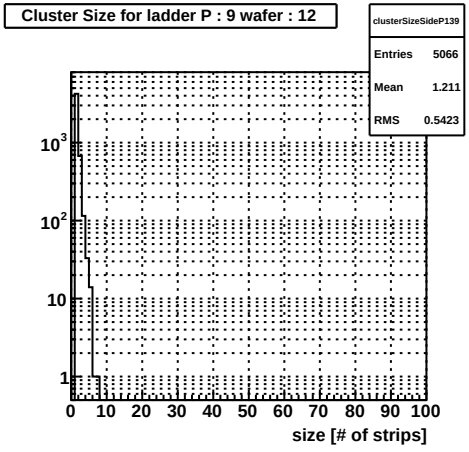

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

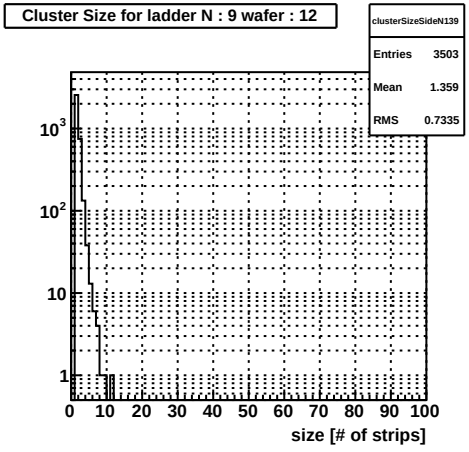

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2414
Mean 1.577
RMS 0.9777
size [# of strips]

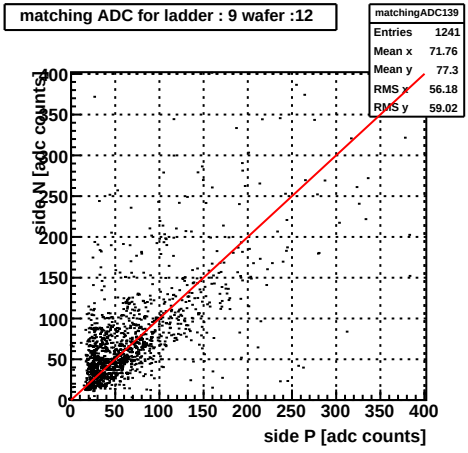

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

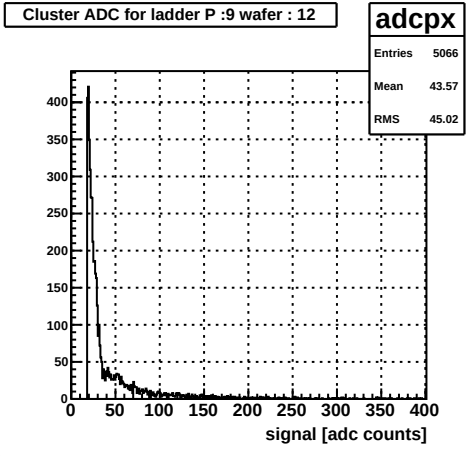

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

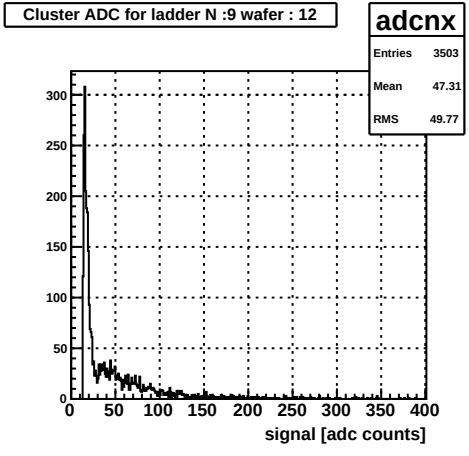

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2414
Mean 62.42
RMS 57.57
signal [adc counts]

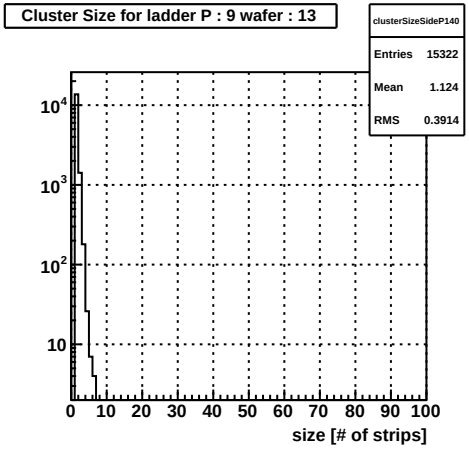

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5066
Mean 1.211
RMS 0.5423
size [# of strips]

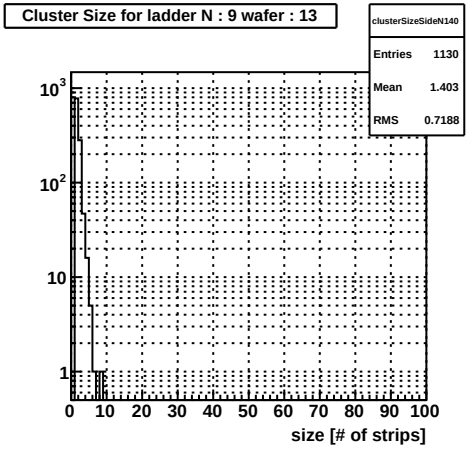

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3503
Mean 1.359
RMS 0.7335
size [# of strips]

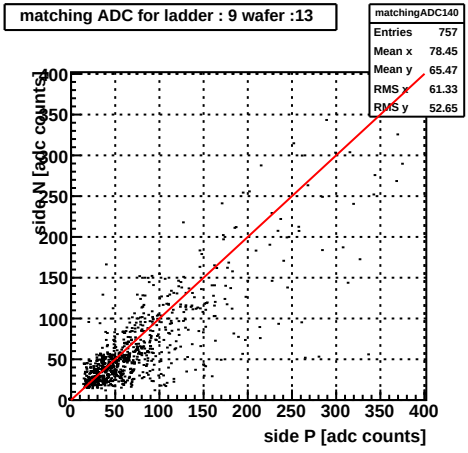

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1241
Mean x 71.76
Mean y 77.3
RMS x 56.18
RMS y 59.02
side N [adc counts]
side P [adc counts]

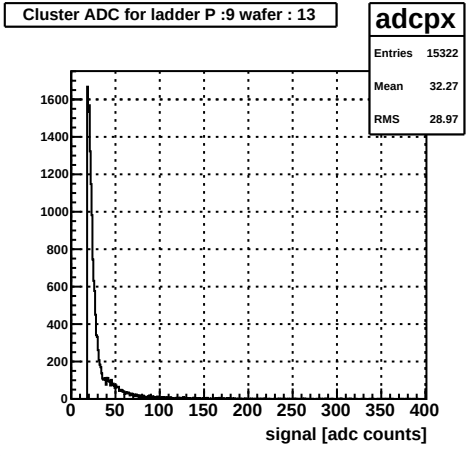

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5066
Mean 43.57
RMS 45.02
signal [adc counts]

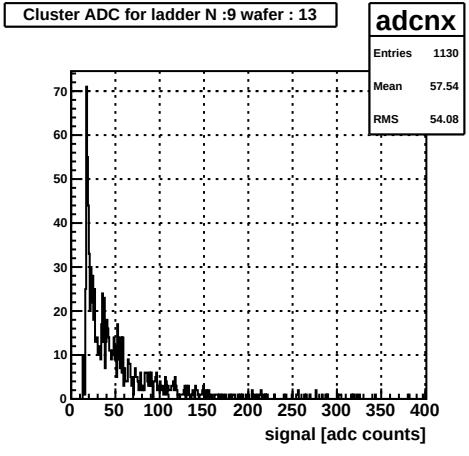

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3503
Mean 47.31
RMS 49.77
signal [adc counts]

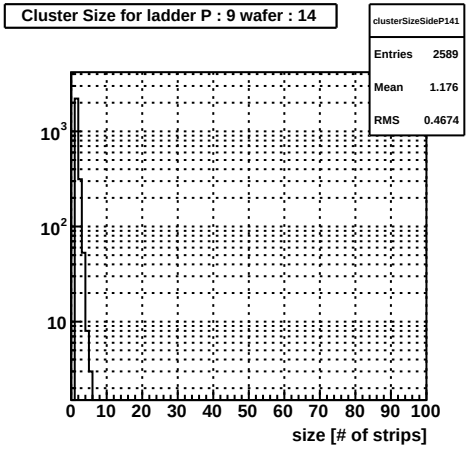

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15322
Mean 1.124
RMS 0.3914
size [# of strips]

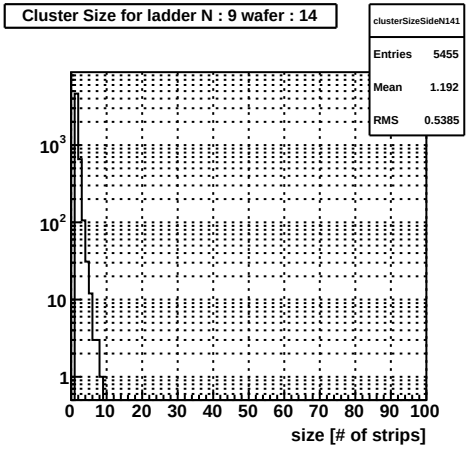

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1130
Mean 1.403
RMS 0.7188
size [# of strips]

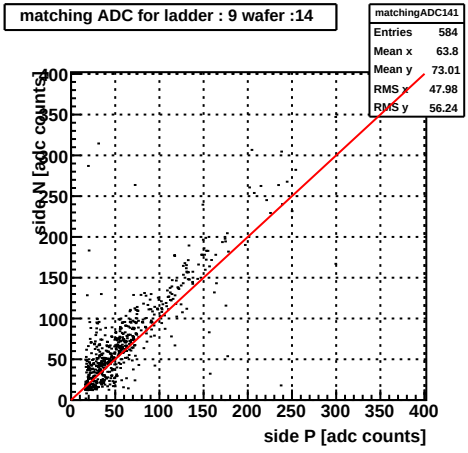

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 757
Mean x 78.45
Mean y 65.47
RMS x 61.33
RMS y 52.65
side N [adc counts]
side P [adc counts]

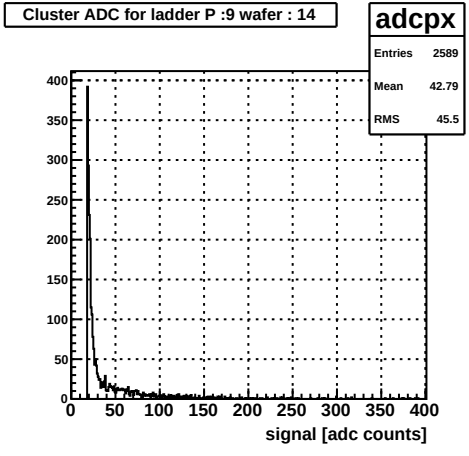

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15322
Mean 32.27
RMS 28.97
signal [adc counts]

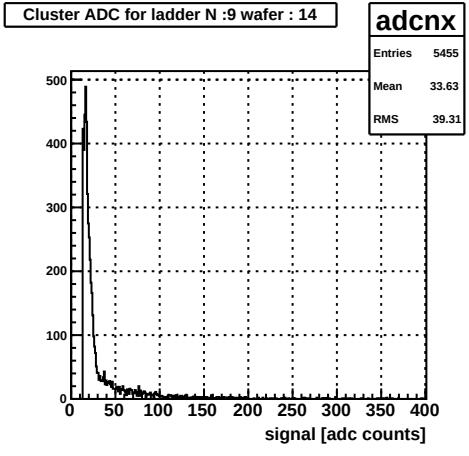

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1130
Mean 57.54
RMS 54.08
signal [adc counts]

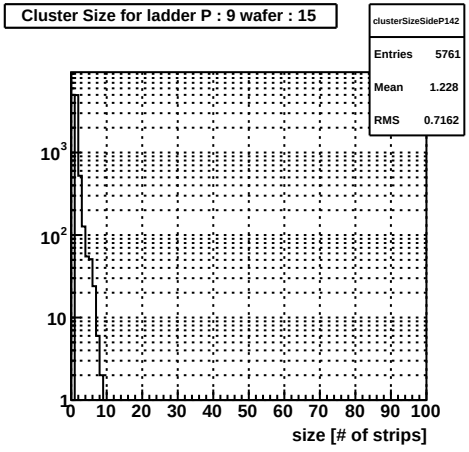

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2589
Mean 1.176
RMS 0.4674
size [# of strips]

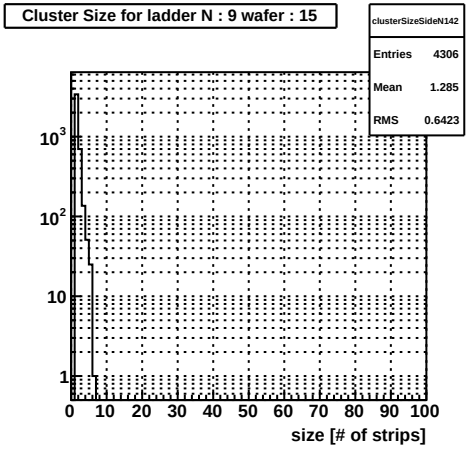

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5455
Mean 1.192
RMS 0.5385
size [# of strips]

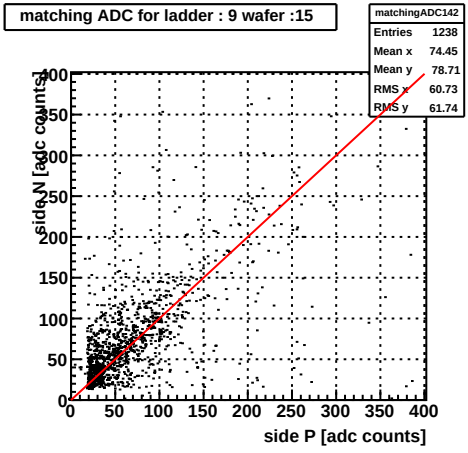

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 584
Mean x 63.8
Mean y 73.01
RMS x 47.98
RMS y 56.24
side N [adc counts]
side P [adc counts]

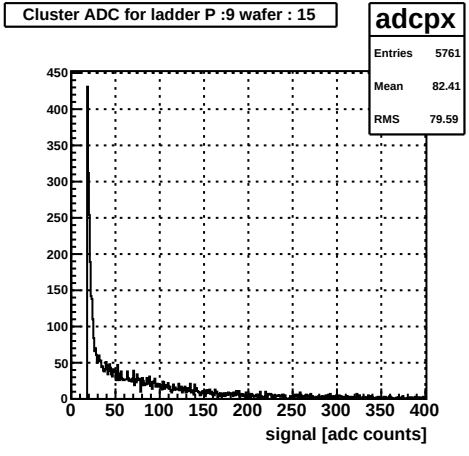

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2589
Mean 42.79
RMS 45.5
signal [adc counts]

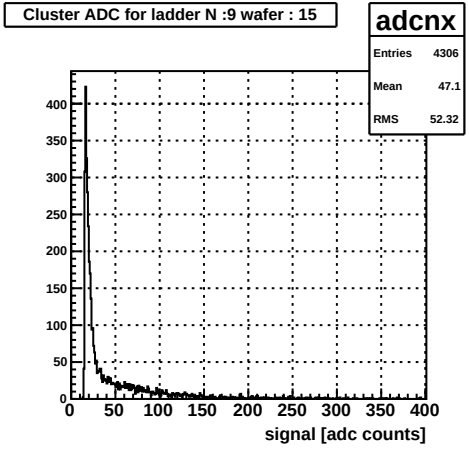

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5455
Mean 33.63
RMS 39.31
signal [adc counts]

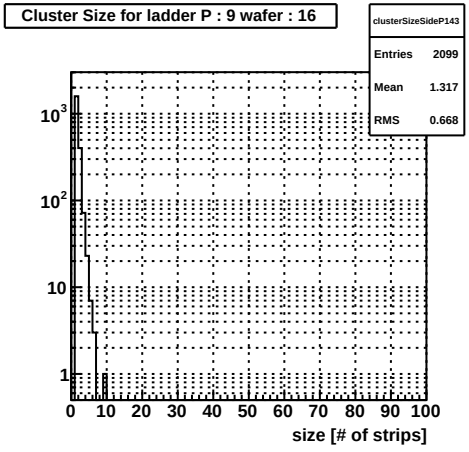

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5761
Mean 1.228
RMS 0.7162
size [# of strips]

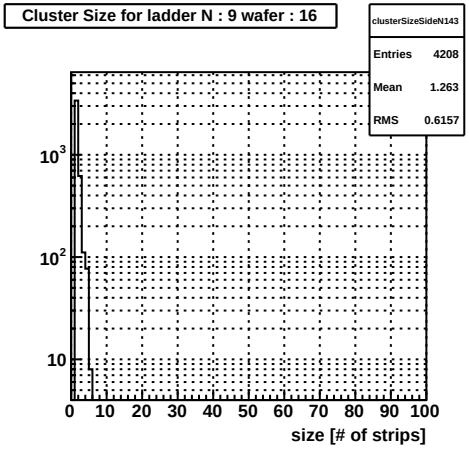

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4306
Mean 1.285
RMS 0.6423
size [# of strips]

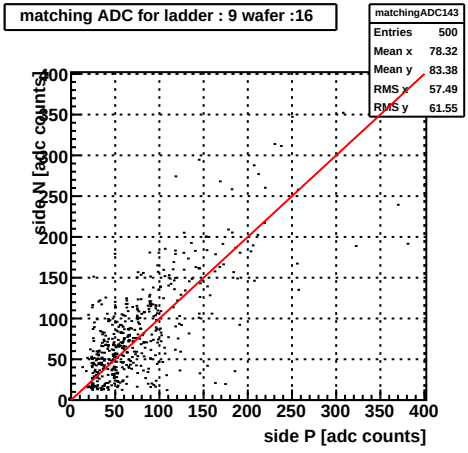

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1238
Mean x 74.45
Mean y 78.71
RMS x 60.73
RMS y 61.74
side N [adc counts]
side P [adc counts]

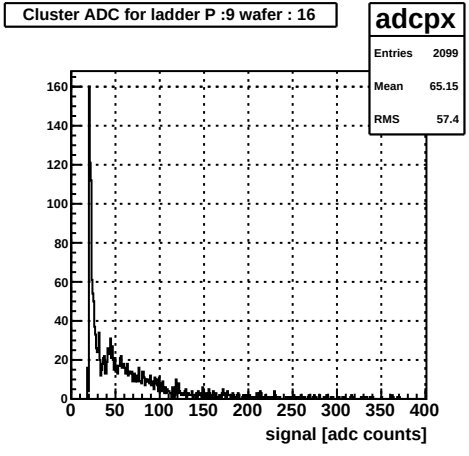

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5761
Mean 82.41
RMS 79.59
signal [adc counts]

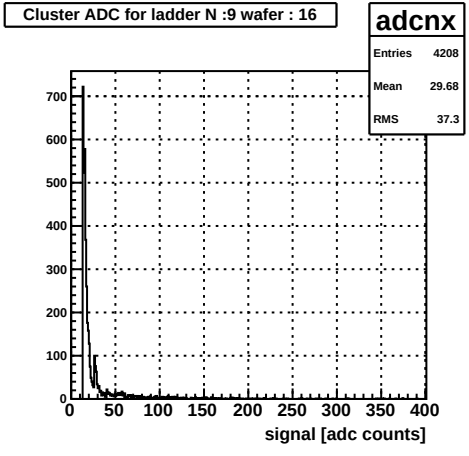

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4306
Mean 47.1
RMS 52.32
signal [adc counts]

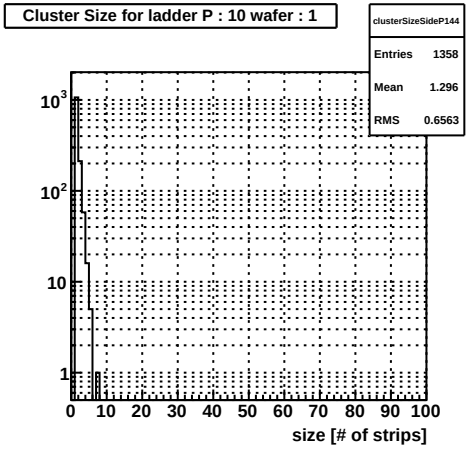

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 2099
Mean 1.317
RMS 0.668
size [# of strips]

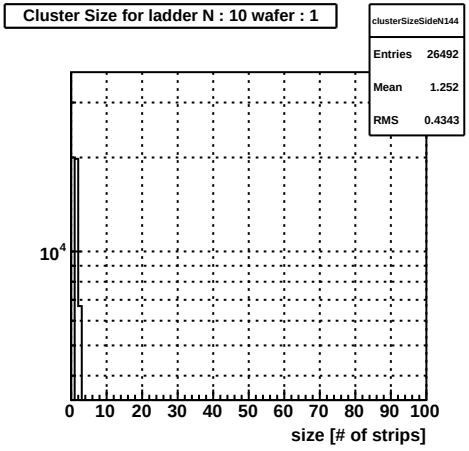

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4208
Mean 1.263
RMS 0.6157
size [# of strips]

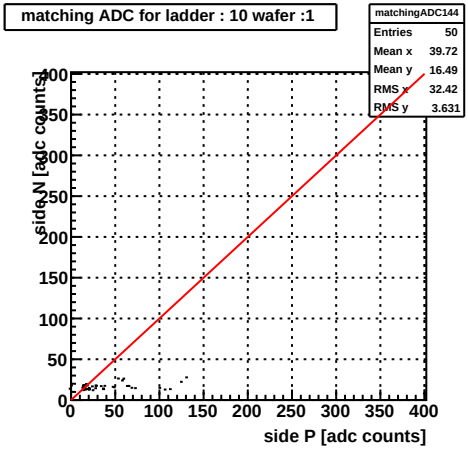

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 500
Mean x 78.32
Mean y 83.38
RMS x 57.49
RMS y 61.55
side N [adc counts]
side P [adc counts]

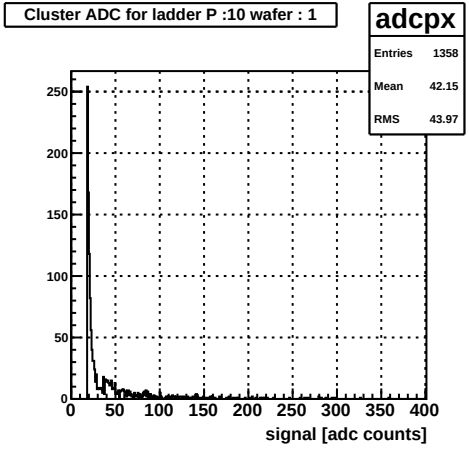

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 2099
Mean 65.15
RMS 57.4
signal [adc counts]

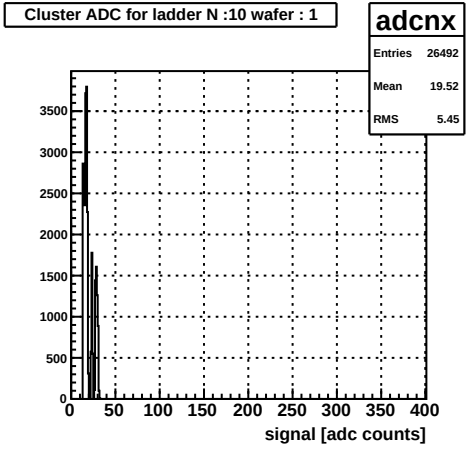

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4208
Mean 29.68
RMS 37.3
signal [adc counts]

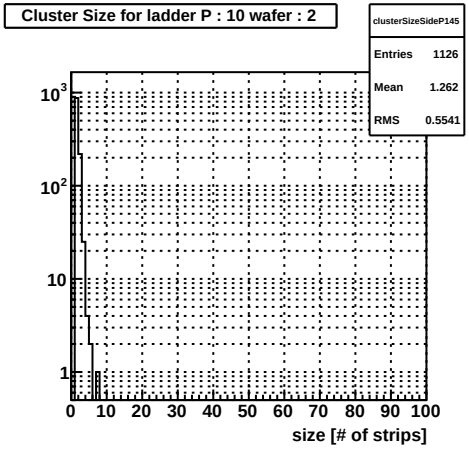

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1358
Mean 1.296
RMS 0.6563
size [# of strips]

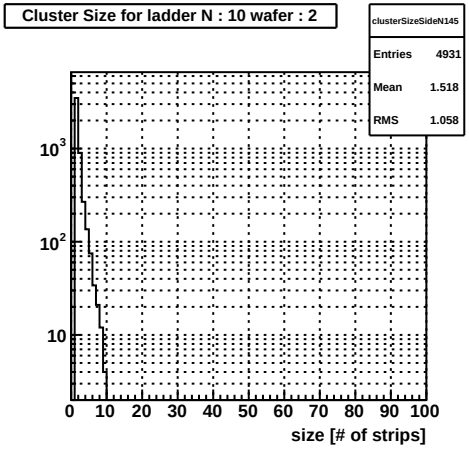

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 26492
Mean 1.252
RMS 0.4343
size [# of strips]

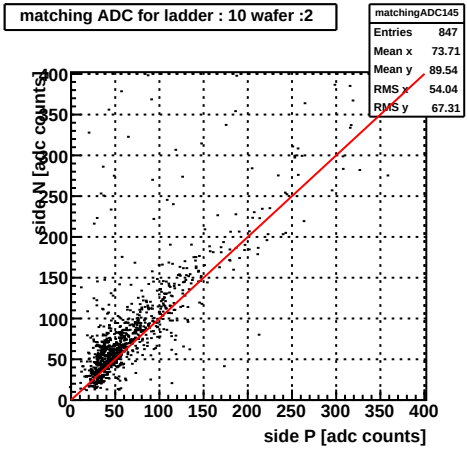

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 50
Mean x 39.72
Mean y 16.49
RMS x 32.42
RMS y 3.631
side N [adc counts]
side P [adc counts]

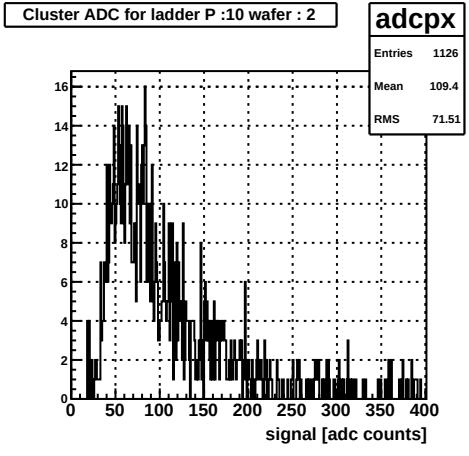

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1358
Mean 42.15
RMS 43.97
signal [adc counts]

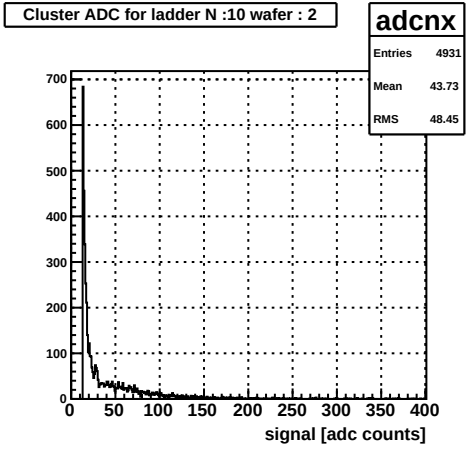

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 26492
Mean 19.52
RMS 5.45
signal [adc counts]

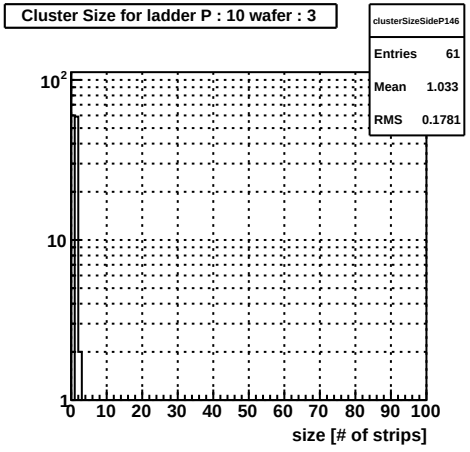

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1126
Mean 1.262
RMS 0.5541
size [# of strips]

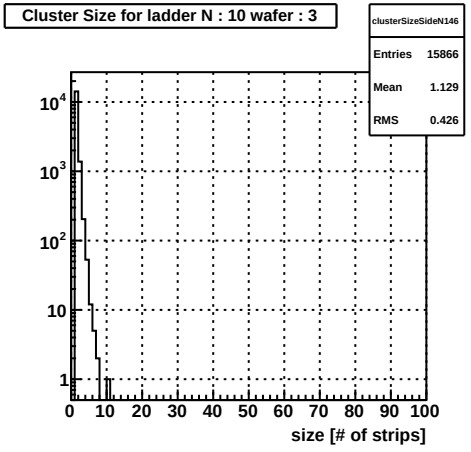

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4931
Mean 1.518
RMS 1.058
size [# of strips]

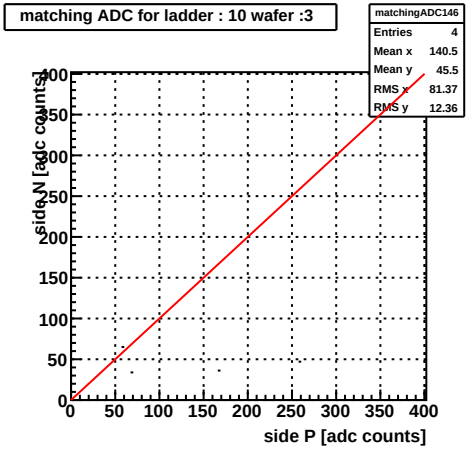

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 847
Mean x 73.71
Mean y 89.54
RMS x 54.04
RMS y 67.31
side N [adc counts]
side P [adc counts]

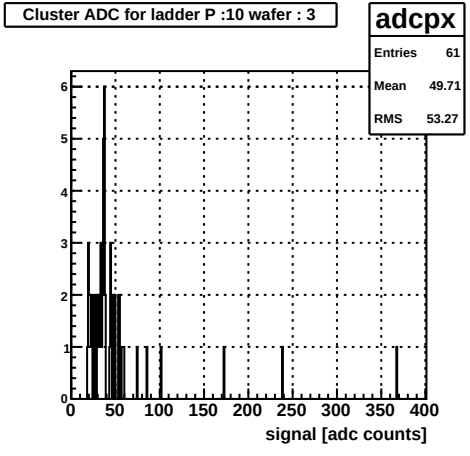

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1126
Mean 109.4
RMS 71.51
signal [adc counts]

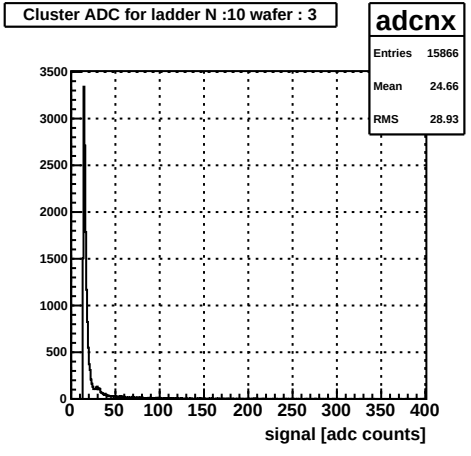

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4931
Mean 43.73
RMS 48.45
signal [adc counts]

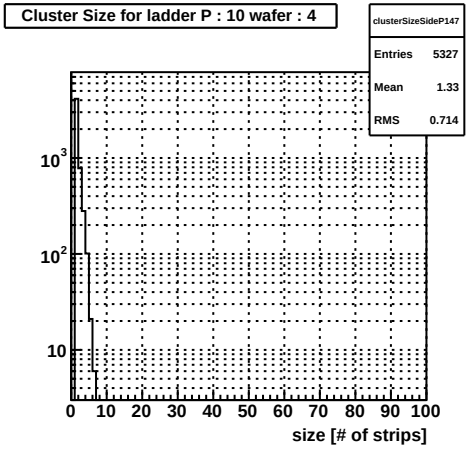

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 61
Mean 1.033
RMS 0.1781
size [# of strips]

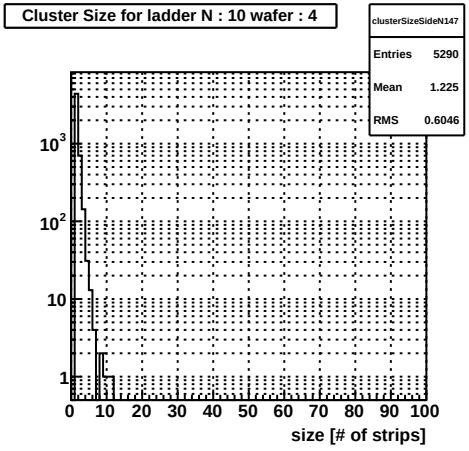

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15866
Mean 1.129
RMS 0.426
size [# of strips]

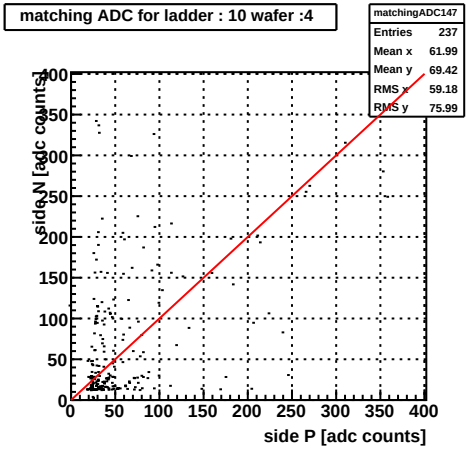

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 140.5
Mean y 45.5
RMS x 81.37
RMS y 12.36
side N [adc counts]
side P [adc counts]

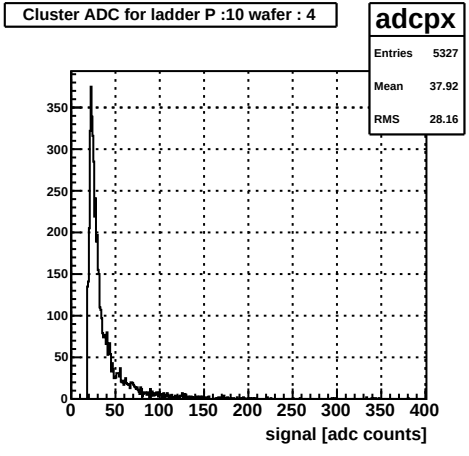

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 61
Mean 49.71
RMS 53.27
signal [adc counts]

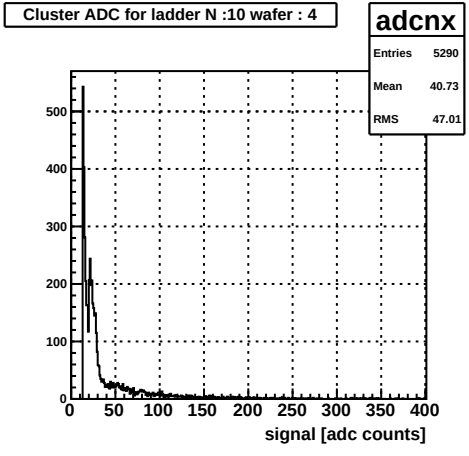

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15866
Mean 24.66
RMS 28.93
signal [adc counts]

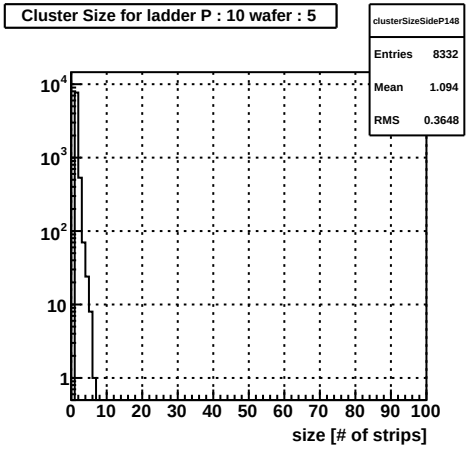

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5327
Mean 1.33
RMS 0.714
size [# of strips]

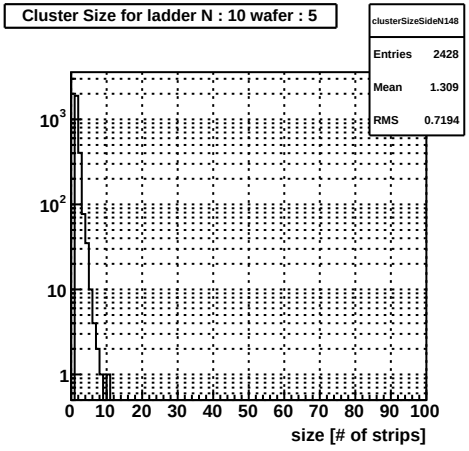

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 5290
Mean 1.225
RMS 0.6046
size [# of strips]

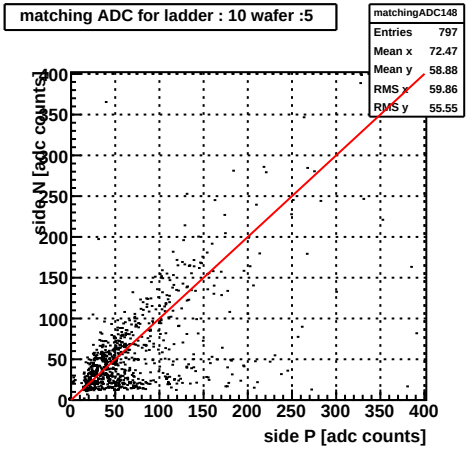

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 237
Mean x 61.99
Mean y 69.42
RMS x 59.18
RMS y 75.99
side N [adc counts]
side P [adc counts]

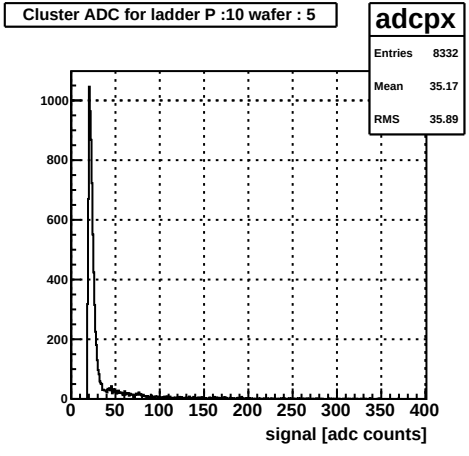

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5327
Mean 37.92
RMS 28.16
signal [adc counts]

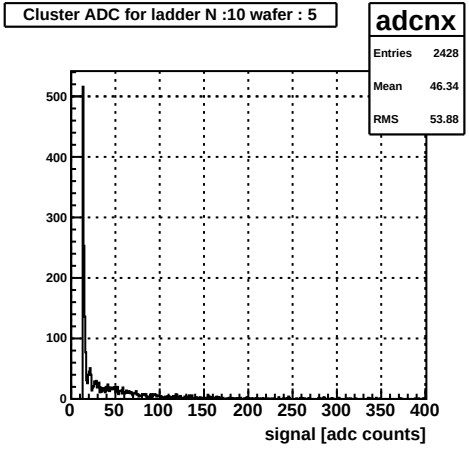

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 5290
Mean 40.73
RMS 47.01
signal [adc counts]

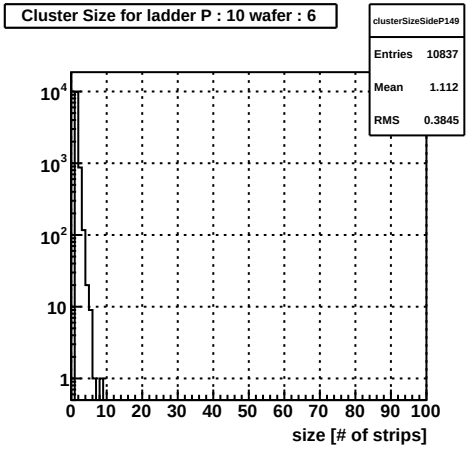

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8332
Mean 1.094
RMS 0.3648
size [# of strips]

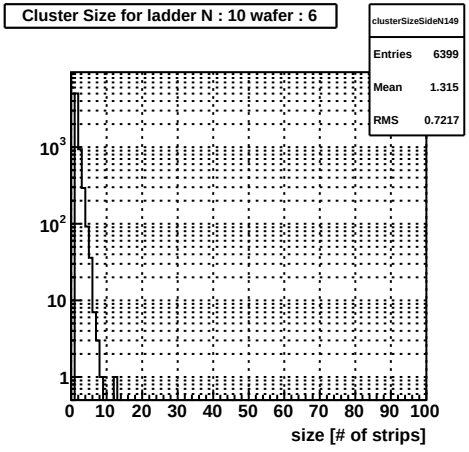

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2428
Mean 1.309
RMS 0.7194
size [# of strips]

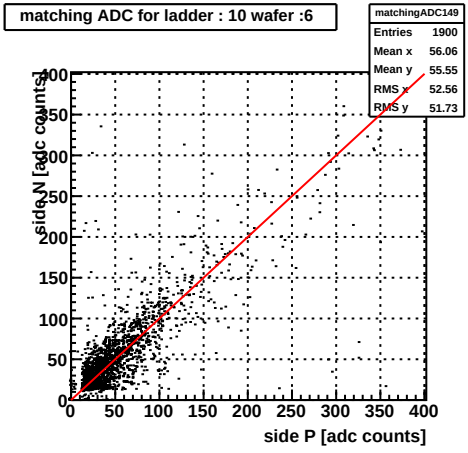

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 797
Mean x 72.47
Mean y 58.88
RMS x 59.86
RMS y 55.55
side N [adc counts]
side P [adc counts]

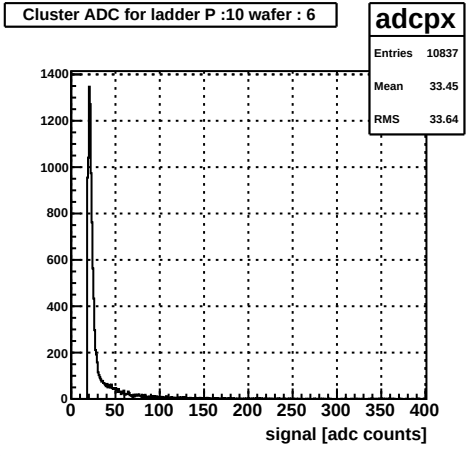

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8332
Mean 35.17
RMS 35.89
signal [adc counts]

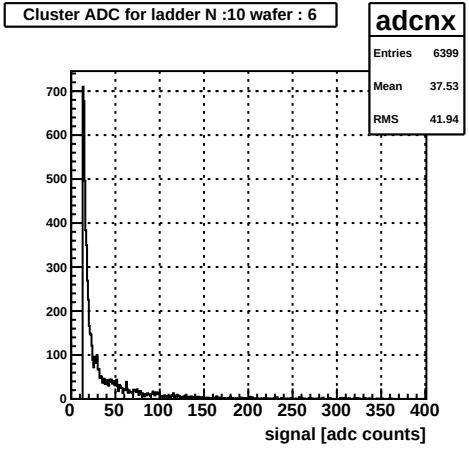

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2428
Mean 46.34
RMS 53.88
signal [adc counts]

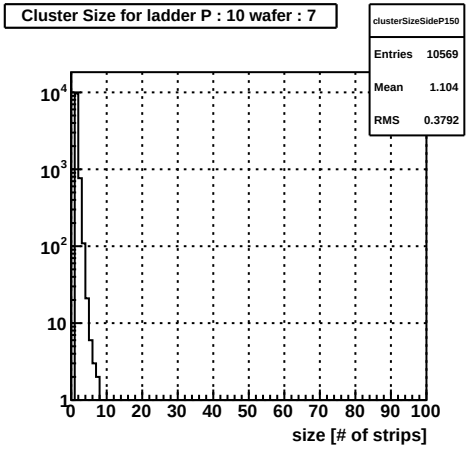

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10837
Mean 1.112
RMS 0.3845
size [# of strips]

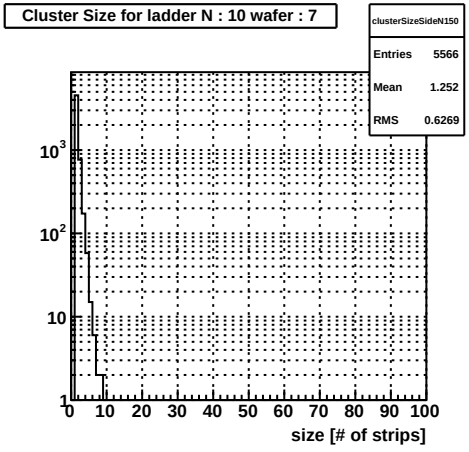

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6399
Mean 1.315
RMS 0.7217
size [# of strips]

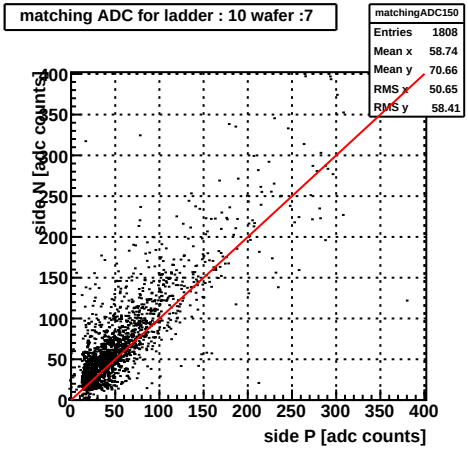

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1900
Mean x 56.06
Mean y 55.55
RMS x 52.56
RMS y 51.73
side N [adc counts]
side P [adc counts]

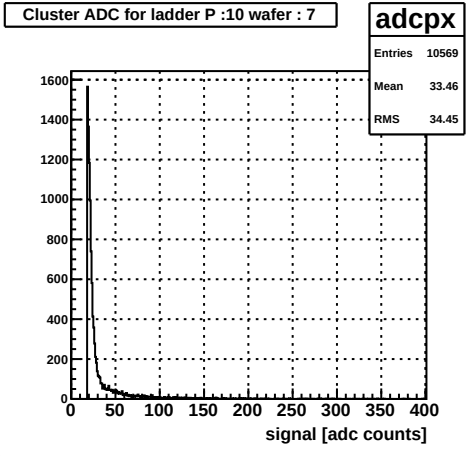

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10837
Mean 33.45
RMS 33.64
signal [adc counts]

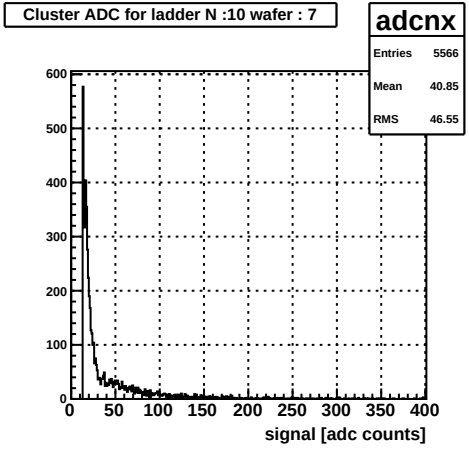

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6399
Mean 37.53
RMS 41.94
signal [adc counts]

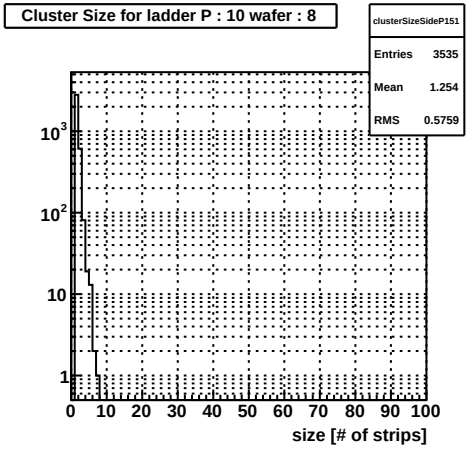

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10569
Mean 1.104
RMS 0.3792
size [# of strips]

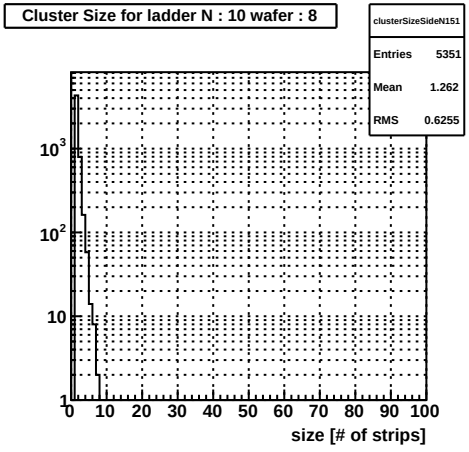

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5566
Mean 1.252
RMS 0.6269
size [# of strips]

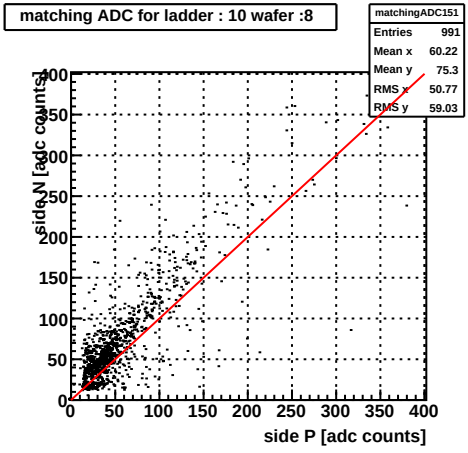

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1808
Mean x 58.74
Mean y 70.66
RMS x 50.65
RMS y 58.41
side N [adc counts]
side P [adc counts]

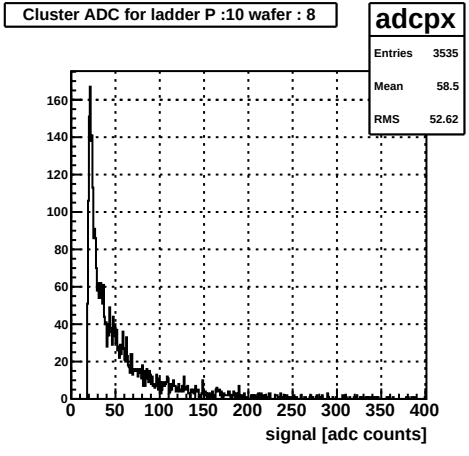

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10569
Mean 33.46
RMS 34.45
signal [adc counts]

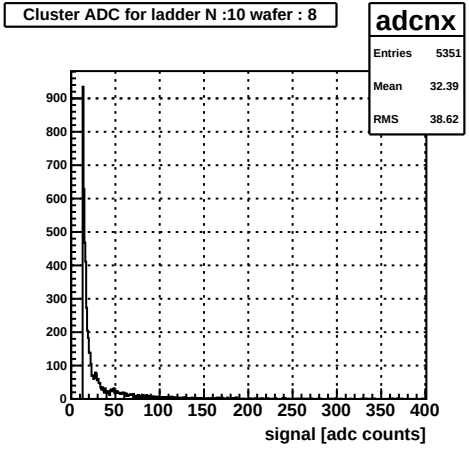

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5566
Mean 40.85
RMS 46.55
signal [adc counts]

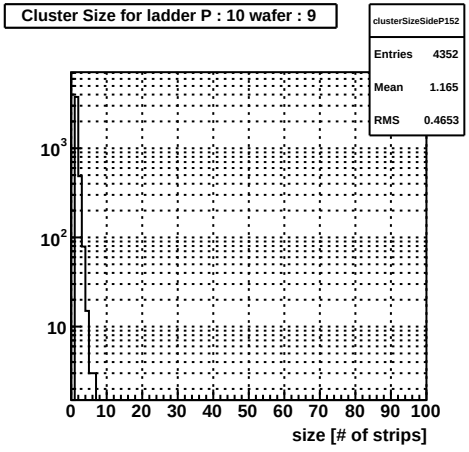

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3535
Mean 1.254
RMS 0.5759
size [# of strips]

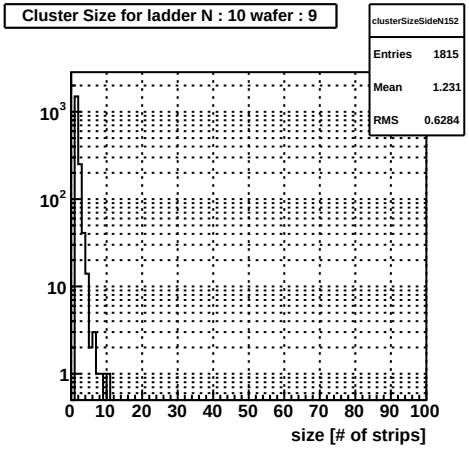

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5351
Mean 1.262
RMS 0.6255
size [# of strips]

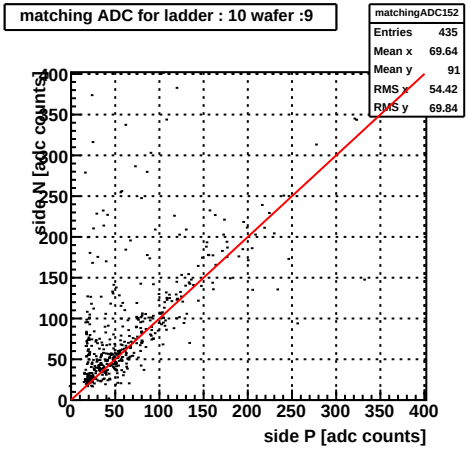

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 991
Mean x 60.22
Mean y 75.3
RMS x 50.77
RMS y 59.03
side N [adc counts]
side P [adc counts]

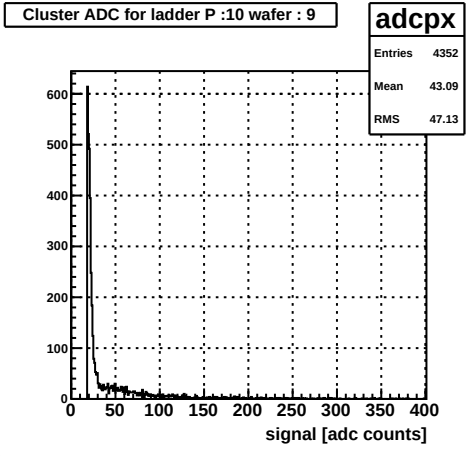

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3535
Mean 58.5
RMS 52.62
signal [adc counts]

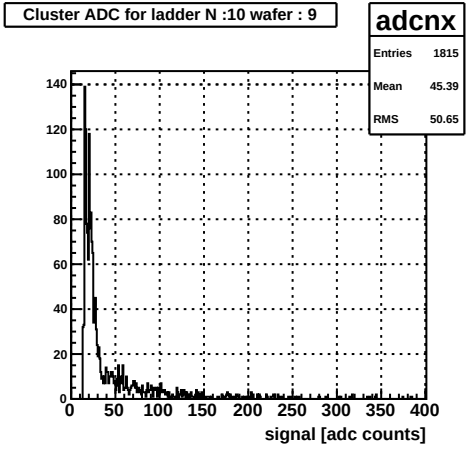

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5351
Mean 32.39
RMS 38.62
signal [adc counts]

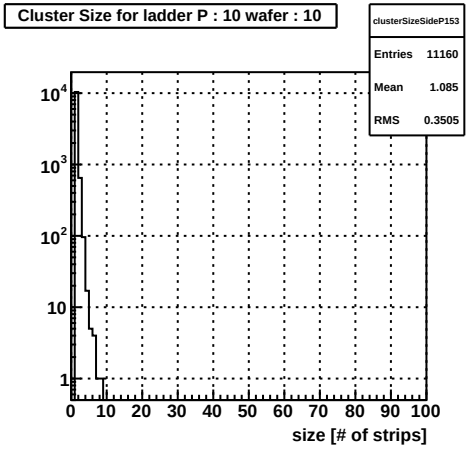

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4352
Mean 1.165
RMS 0.4653
size [# of strips]

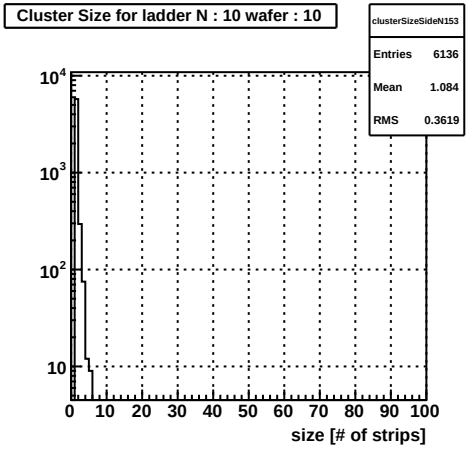

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1815
Mean 1.231
RMS 0.6284
size [# of strips]

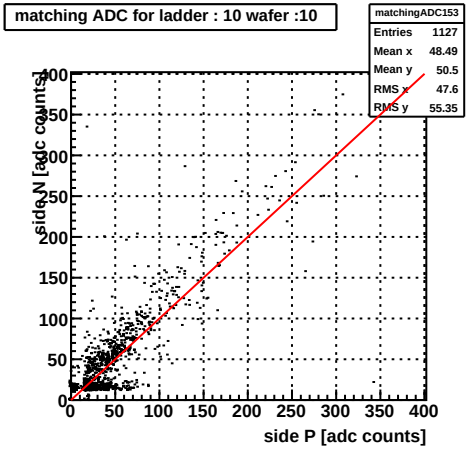

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 435
Mean x 69.64
Mean y 91
RMS x 54.42
RMS y 69.84
side N [adc counts]
side P [adc counts]

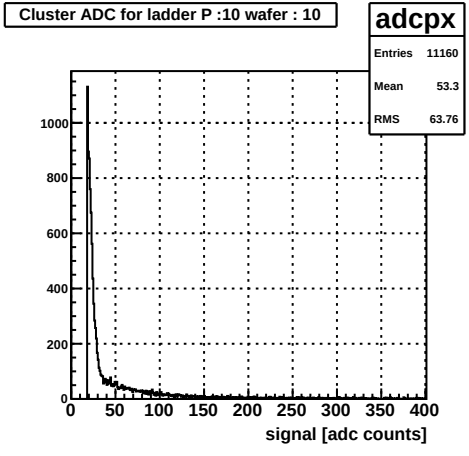

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4352
Mean 43.09
RMS 47.13
signal [adc counts]

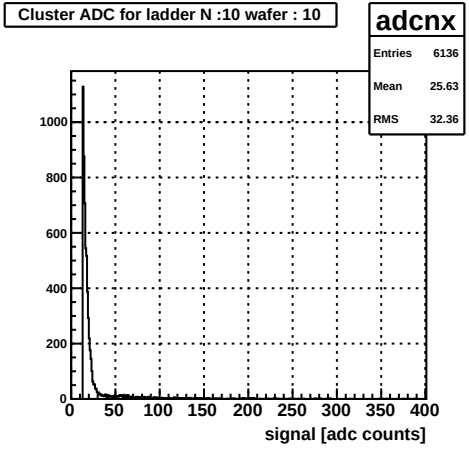

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1815
Mean 45.39
RMS 50.65
signal [adc counts]

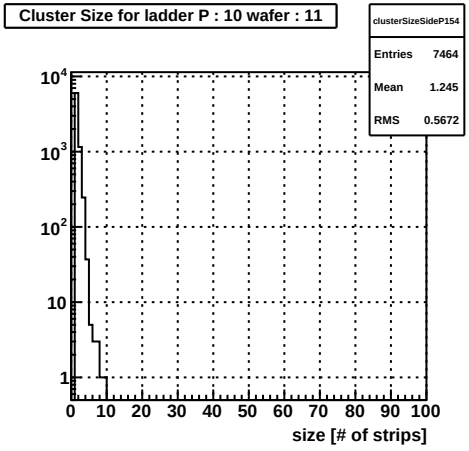

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11160
Mean 1.085
RMS 0.3505
size [# of strips]

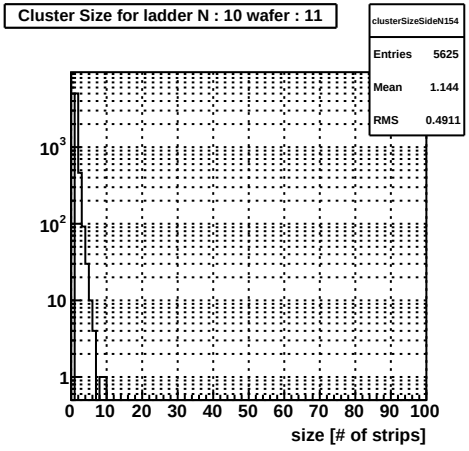

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 6136
Mean 1.084
RMS 0.3619
size [# of strips]

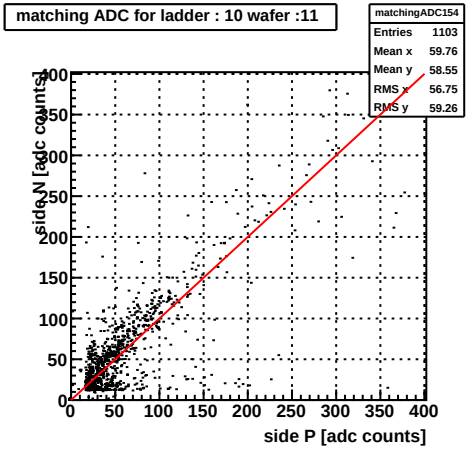

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 1127
Mean x 48.49
Mean y 50.5
RMS x 47.6
RMS y 55.35
side N [adc counts]
side P [adc counts]

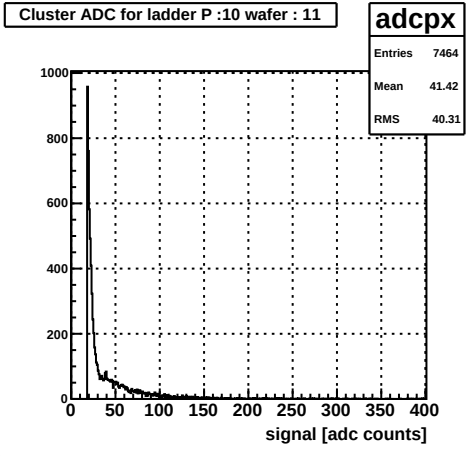

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11160
Mean 53.3
RMS 63.76
signal [adc counts]

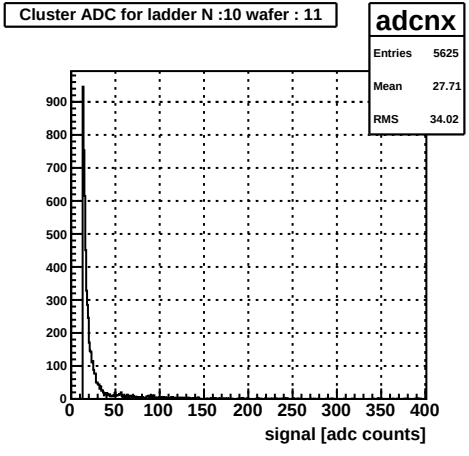

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 6136
Mean 25.63
RMS 32.36
signal [adc counts]

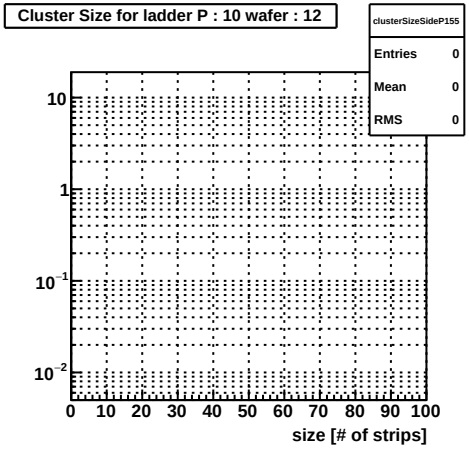

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 7464
Mean 1.245
RMS 0.5672
size [# of strips]

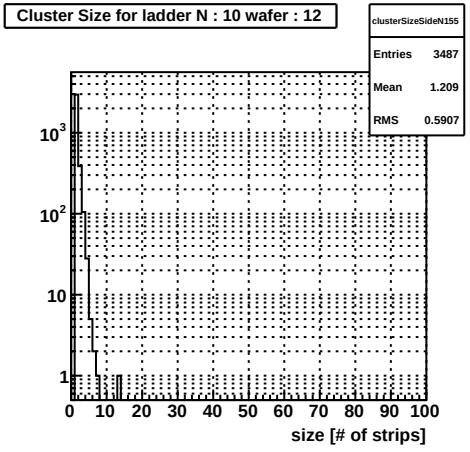

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5625
Mean 1.144
RMS 0.4911
size [# of strips]

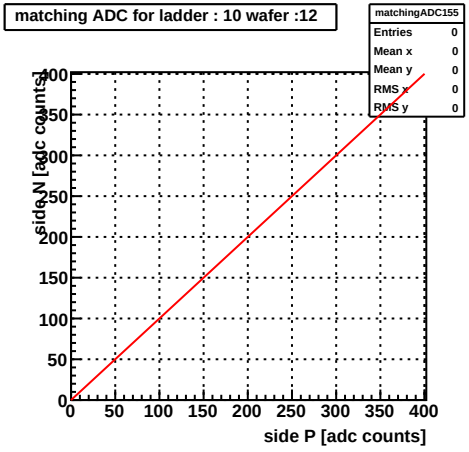

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1103
Mean x 59.76
Mean y 58.55
RMS x 56.75
RMS y 59.26
side N [adc counts]
side P [adc counts]

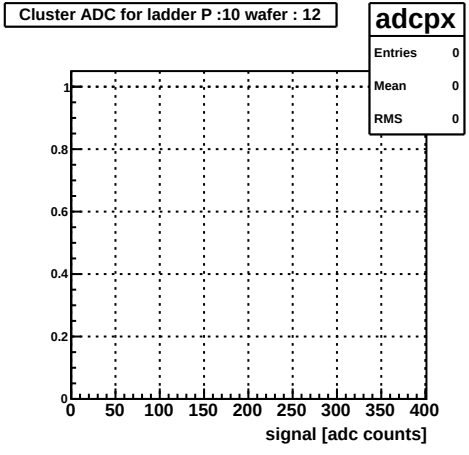

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 7464
Mean 41.42
RMS 40.31
signal [adc counts]

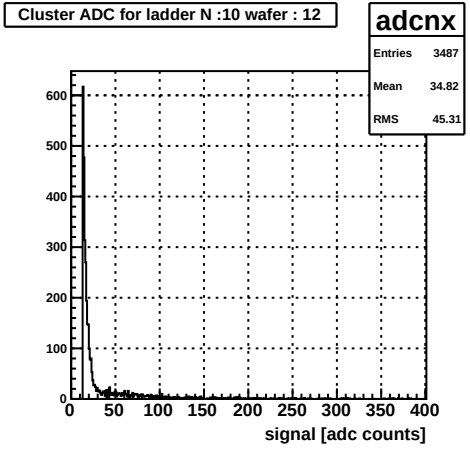

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5625
Mean 27.71
RMS 34.02
signal [adc counts]

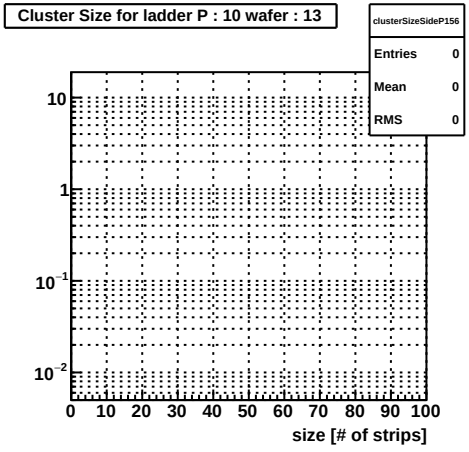

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

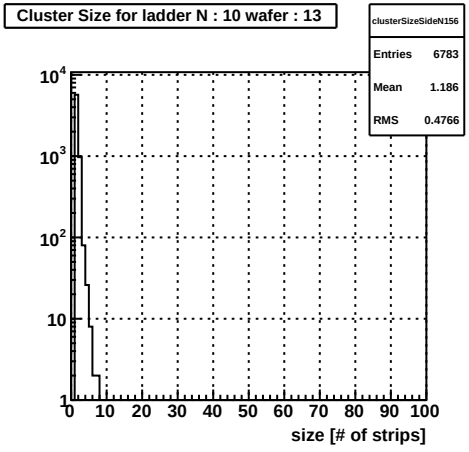

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3487
Mean 1.209
RMS 0.5907
size [# of strips]

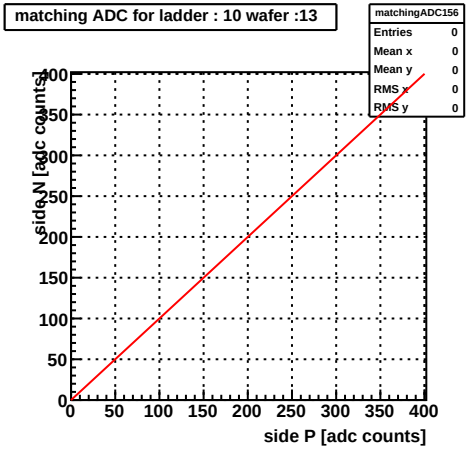

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

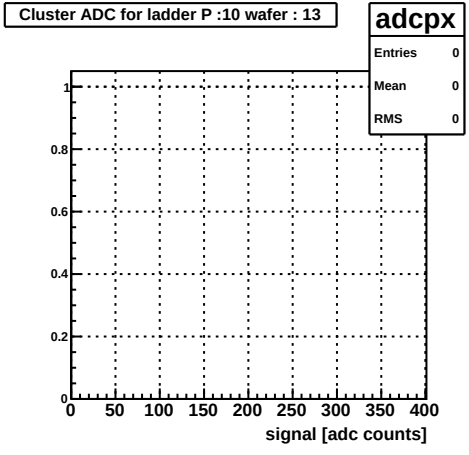

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

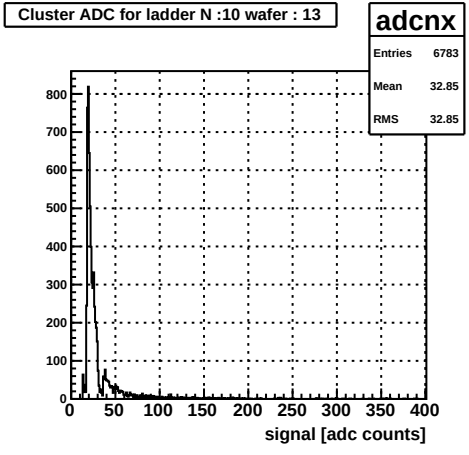

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3487
Mean 34.82
RMS 45.31
signal [adc counts]

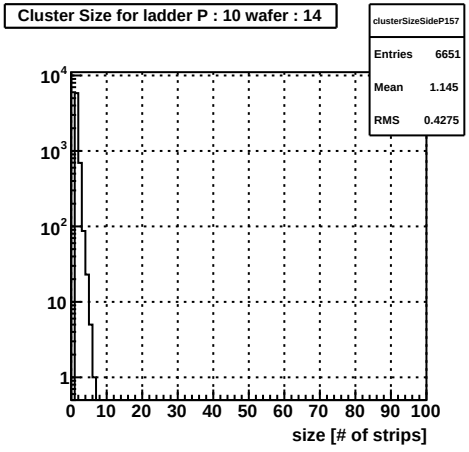

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

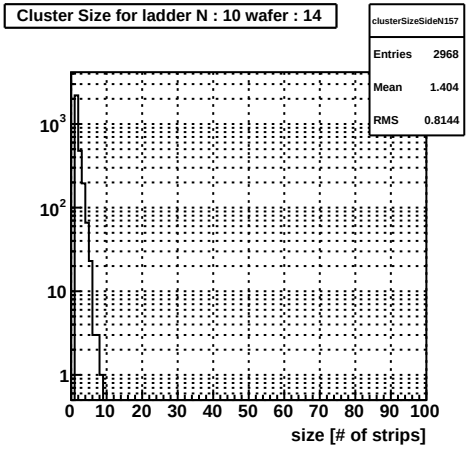

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6783
Mean 1.186
RMS 0.4766
size [# of strips]

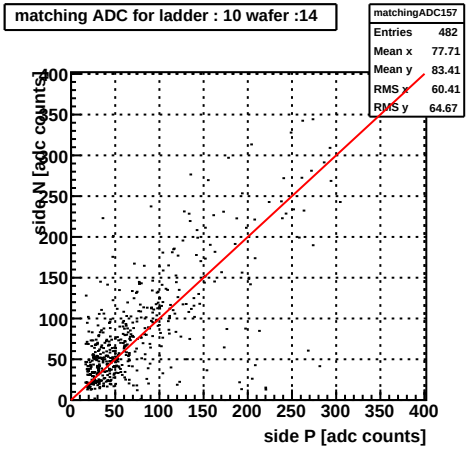

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

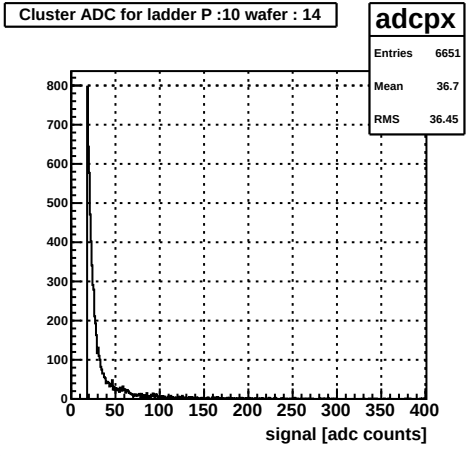

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

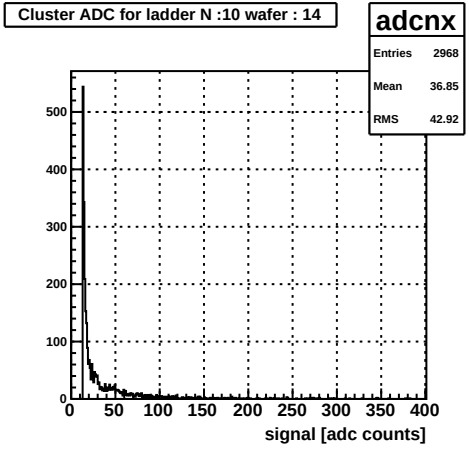

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6783
Mean 32.85
RMS 32.85
signal [adc counts]

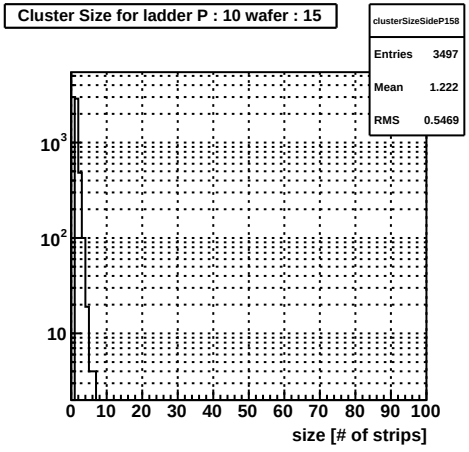

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6651
Mean 1.145
RMS 0.4275
size [# of strips]

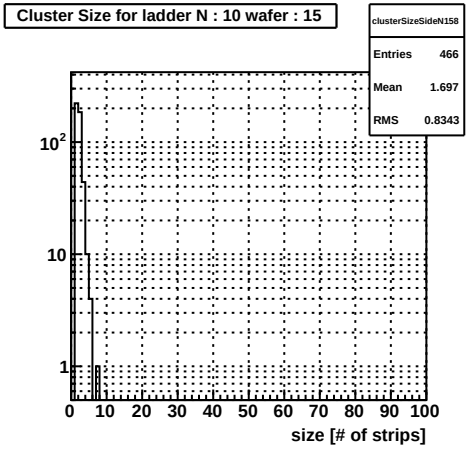

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2968
Mean 1.404
RMS 0.8144
size [# of strips]

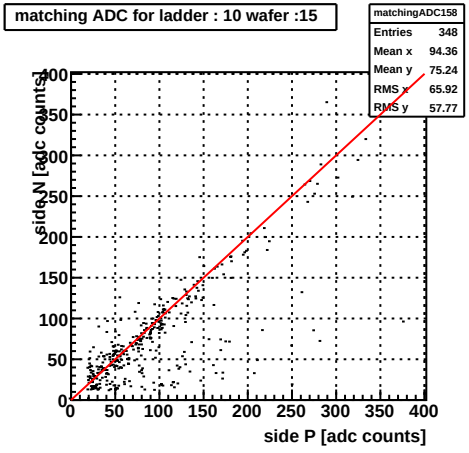

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 482
Mean x 77.71
Mean y 83.41
RMS x 60.41
RMS y 64.67
side N [adc counts]
side P [adc counts]

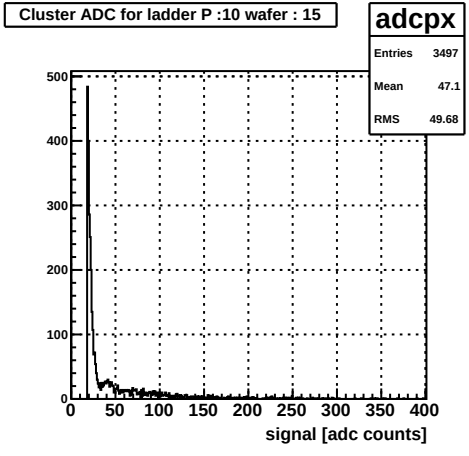

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6651
Mean 36.7
RMS 36.45
signal [adc counts]

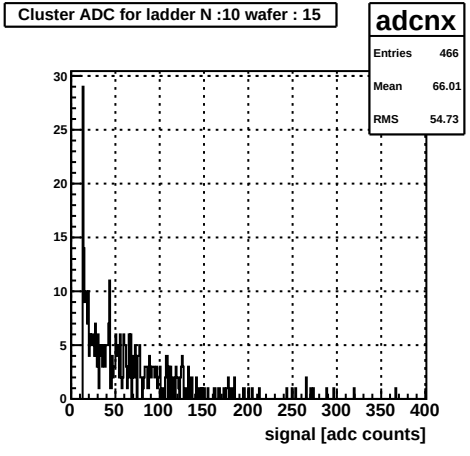

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2968
Mean 36.85
RMS 42.92
signal [adc counts]

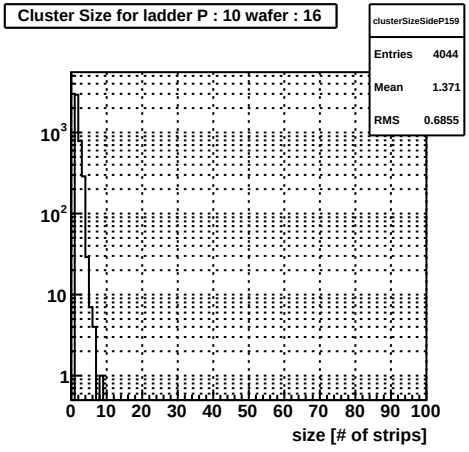

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3497
Mean 1.222
RMS 0.5469
size [# of strips]

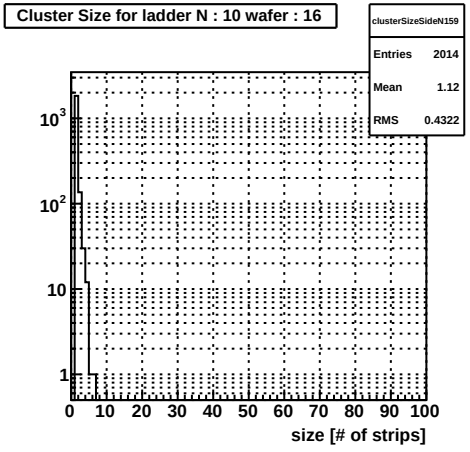

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 466
Mean 1.697
RMS 0.8343
size [# of strips]

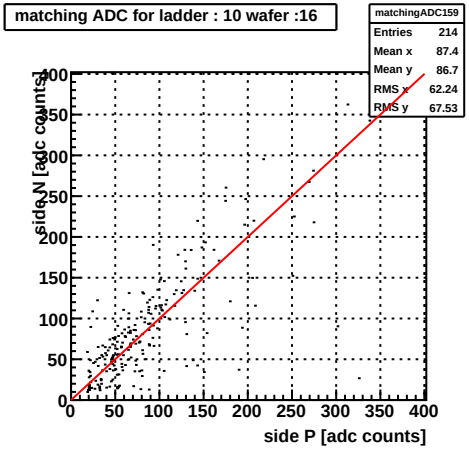

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 348
Mean x 94.36
Mean y 75.24
RMS x 65.92
RMS y 57.77
side N [adc counts]
side P [adc counts]

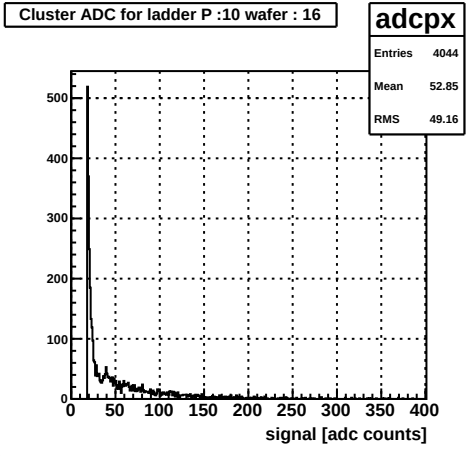

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3497
Mean 47.1
RMS 49.68
signal [adc counts]

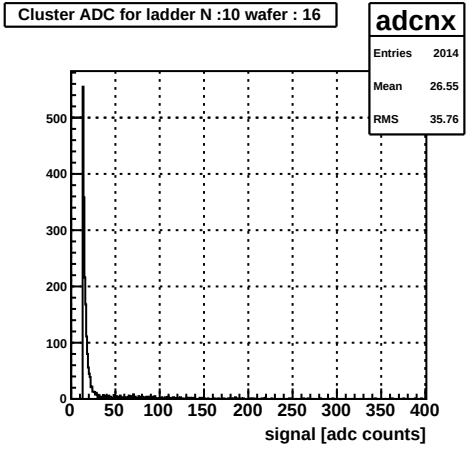

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 466
Mean 66.01
RMS 54.73
signal [adc counts]

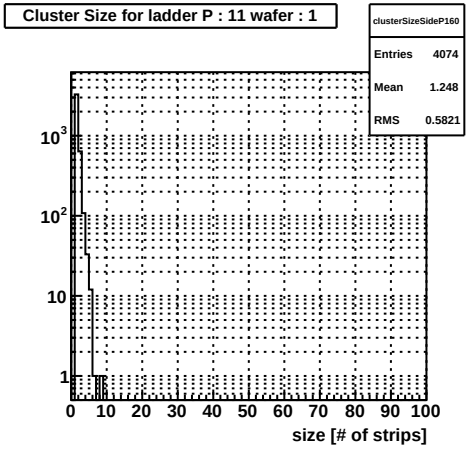

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 4044
Mean 1.371
RMS 0.6855
size [# of strips]

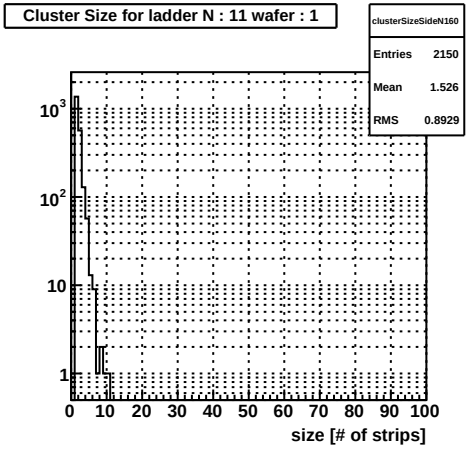

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2014
Mean 1.12
RMS 0.4322
size [# of strips]

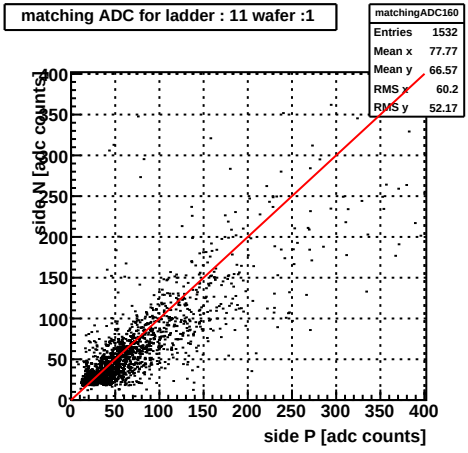

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 214
Mean x 87.4
Mean y 86.7
RMS x 62.24
RMS y 67.53
side N [adc counts]
side P [adc counts]

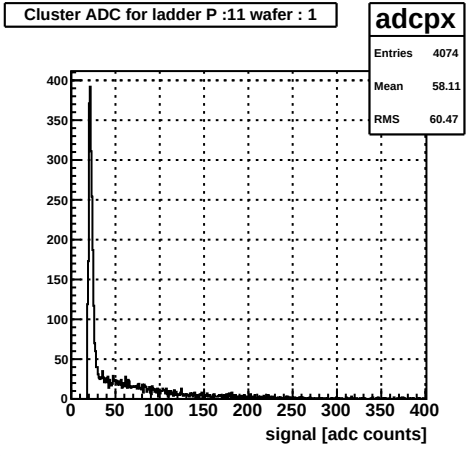

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 4044
Mean 52.85
RMS 49.16
signal [adc counts]

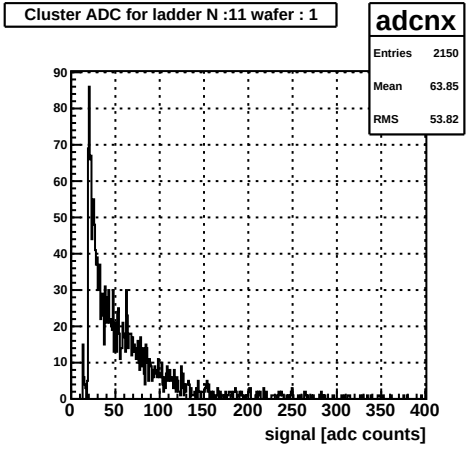

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2014
Mean 26.55
RMS 35.76
signal [adc counts]

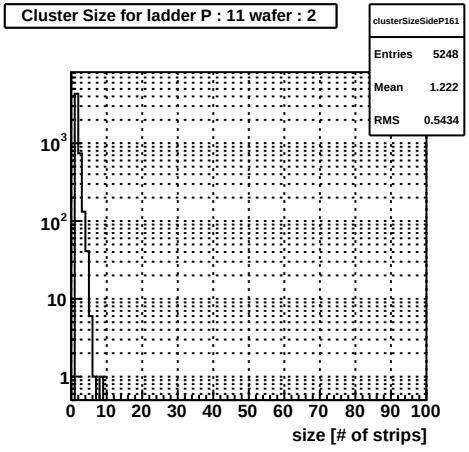

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4074
Mean 1.248
RMS 0.5821
size [# of strips]

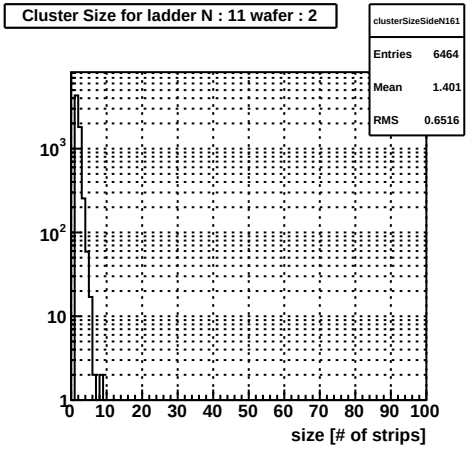

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2150
Mean 1.526
RMS 0.8929
size [# of strips]

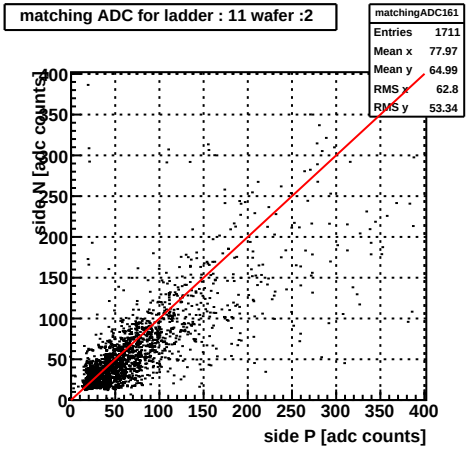

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1532
Mean x 77.77
Mean y 66.57
RMS x 60.2
RMS y 52.17
side N [adc counts]
side P [adc counts]

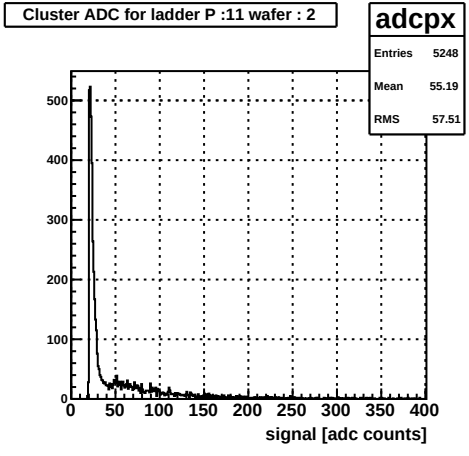

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4074
Mean 58.11
RMS 60.47
signal [adc counts]

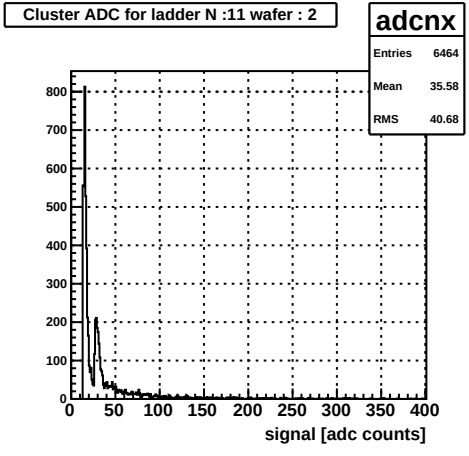

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2150
Mean 63.85
RMS 53.82
signal [adc counts]

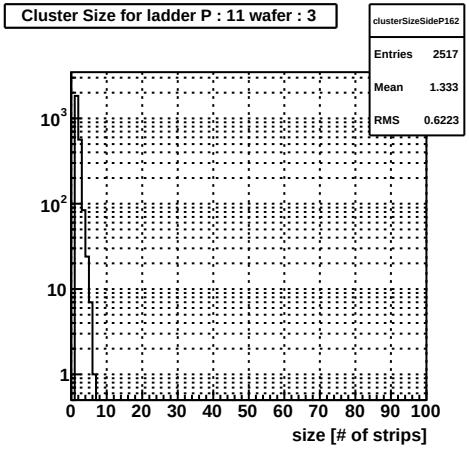

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5248
Mean 1.222
RMS 0.5434
size [# of strips]

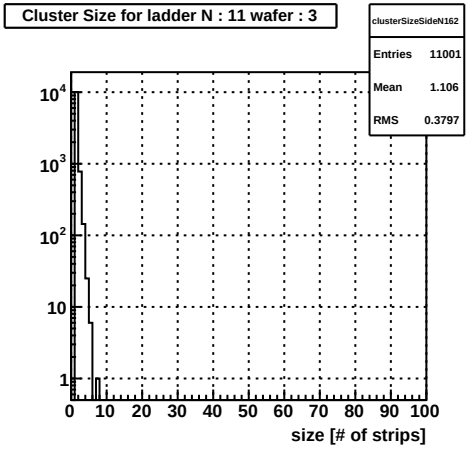

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 6464
Mean 1.401
RMS 0.6516
size [# of strips]

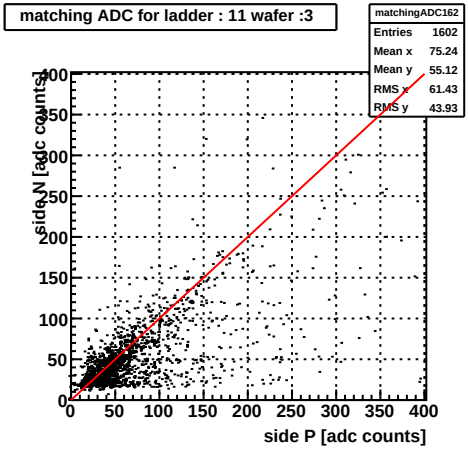

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1711
Mean x 77.97
Mean y 64.99
RMS x 62.8
RMS y 53.34
side N [adc counts]
side P [adc counts]

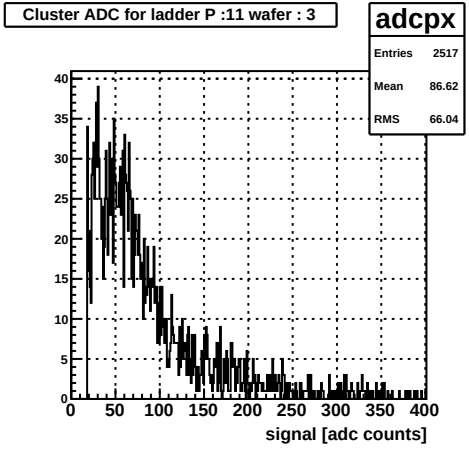

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5248
Mean 55.19
RMS 57.51
signal [adc counts]

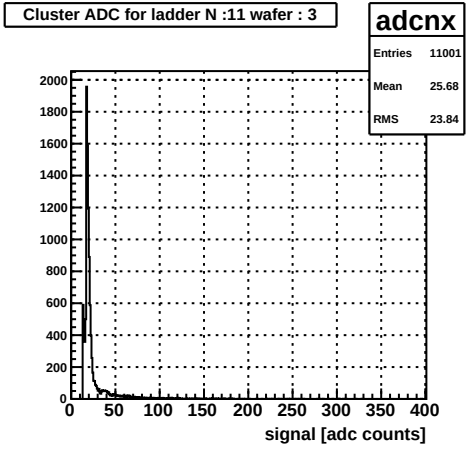

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 6464
Mean 35.58
RMS 40.68
signal [adc counts]

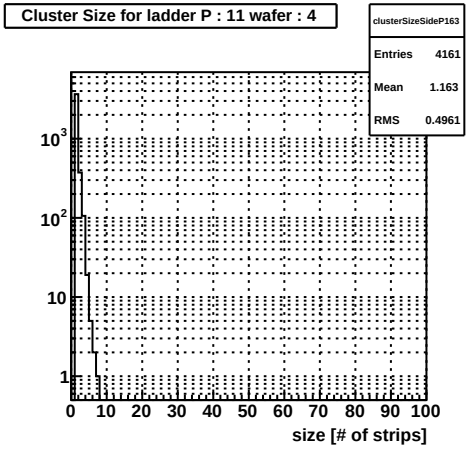

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2517
Mean 1.333
RMS 0.6223
size [# of strips]

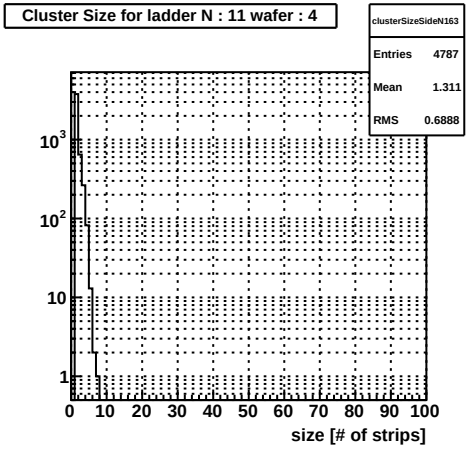

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 11001
Mean 1.106
RMS 0.3797
size [# of strips]

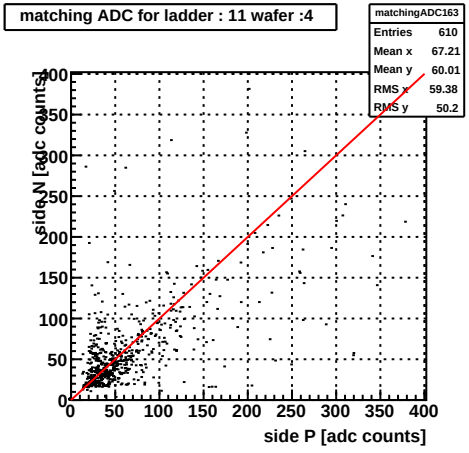

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1602
Mean x 75.24
Mean y 55.12
RMS x 61.43
RMS y 43.93
side N [adc counts]
side P [adc counts]

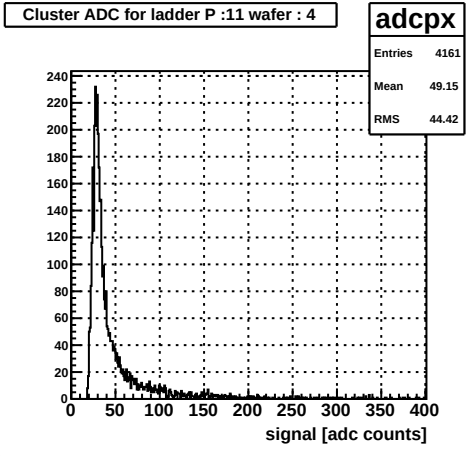

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2517
Mean 86.62
RMS 66.04
signal [adc counts]

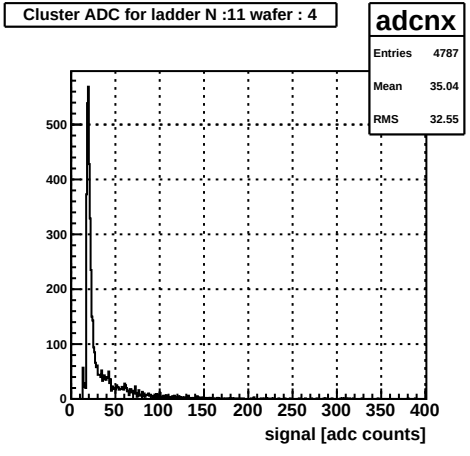

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 11001
Mean 25.68
RMS 23.84
signal [adc counts]

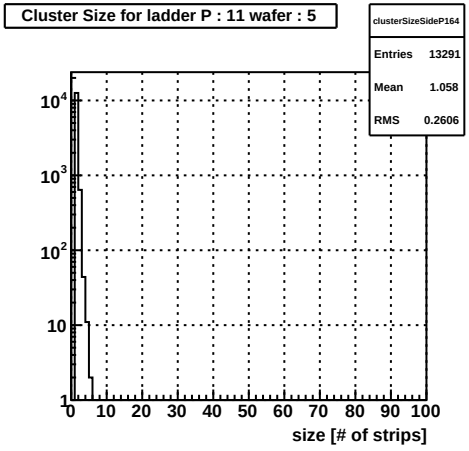

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4161
Mean 1.163
RMS 0.4961
size [# of strips]

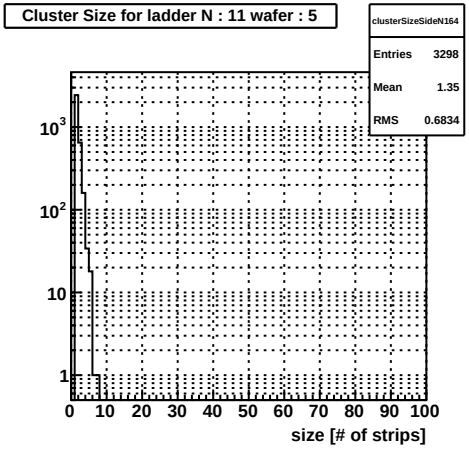

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4787
Mean 1.311
RMS 0.6888
size [# of strips]

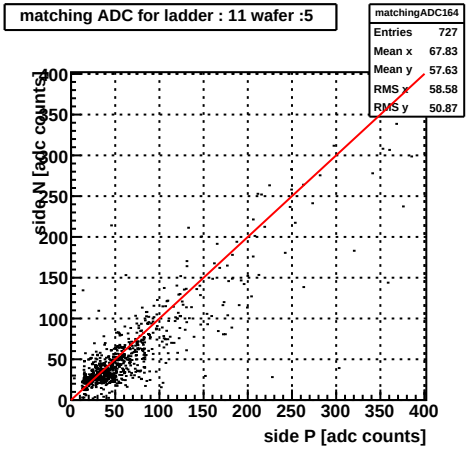

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 610
Mean x 67.21
Mean y 60.01
RMS x 59.38
RMS y 50.2
side N [adc counts]
side P [adc counts]

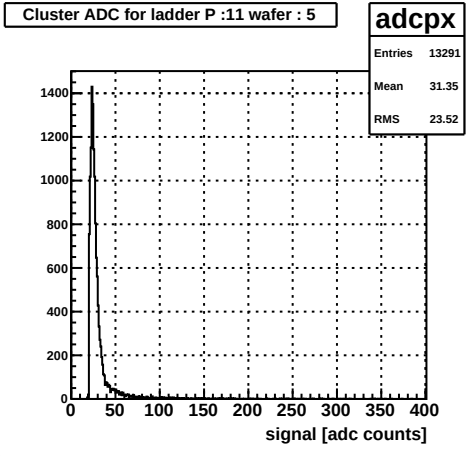

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4161
Mean 49.15
RMS 44.42
signal [adc counts]

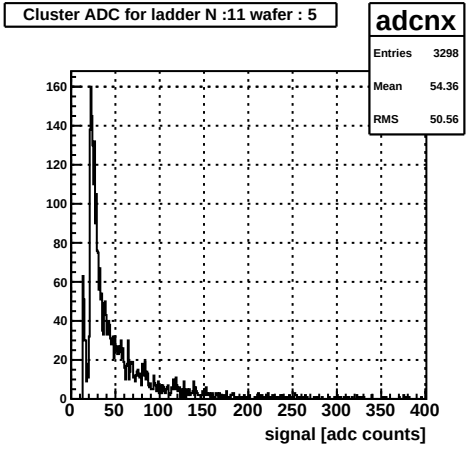

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4787
Mean 35.04
RMS 32.55
signal [adc counts]

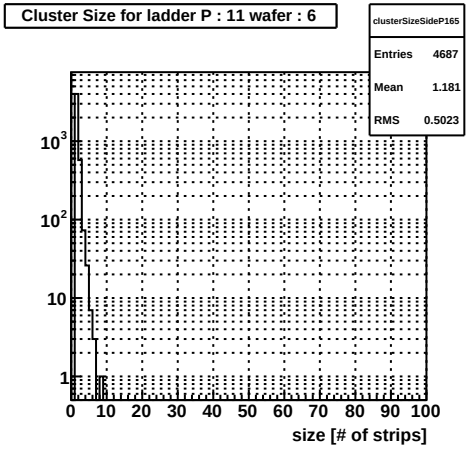

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13291
Mean 1.058
RMS 0.2606
size [# of strips]

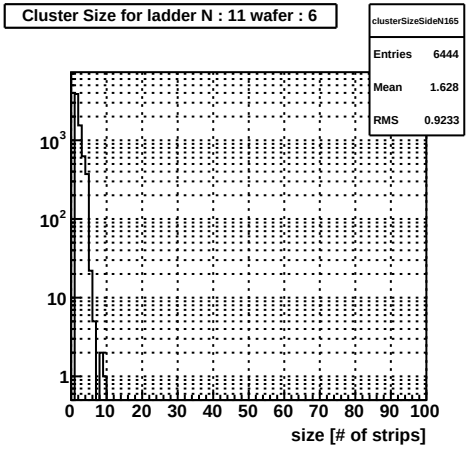

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3298
Mean 1.35
RMS 0.6834
size [# of strips]

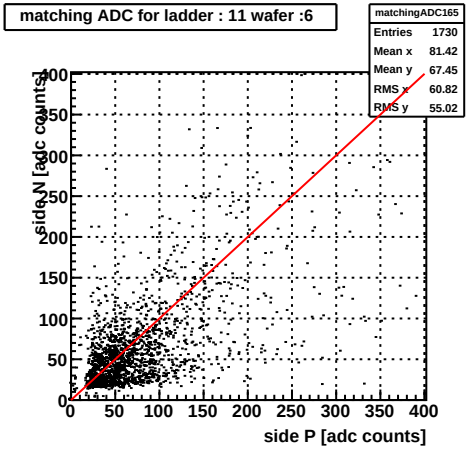

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 727
Mean x 67.83
Mean y 57.63
RMS x 58.58
RMS y 50.87
side N [adc counts]
side P [adc counts]

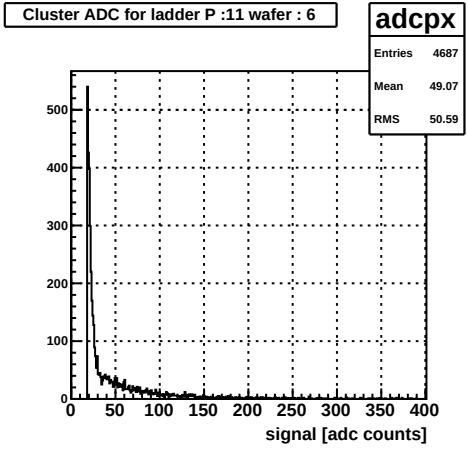

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13291
Mean 31.35
RMS 23.52
signal [adc counts]

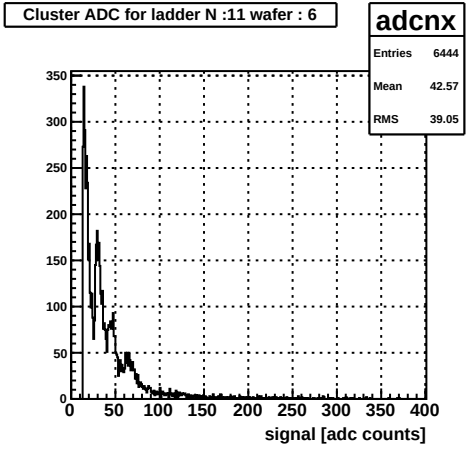

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3298
Mean 54.36
RMS 50.56
signal [adc counts]

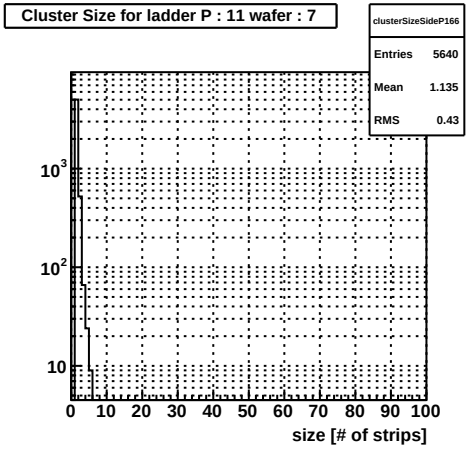

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4687
Mean 1.181
RMS 0.5023
size [# of strips]

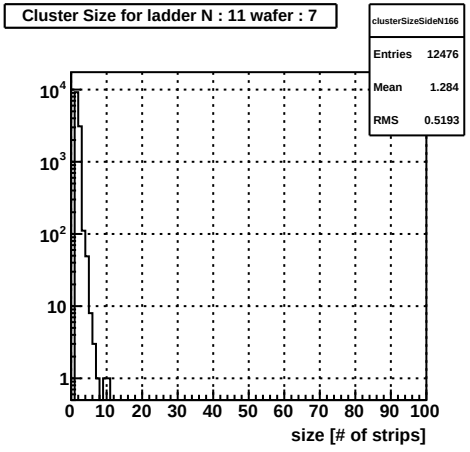

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6444
Mean 1.628
RMS 0.9233
size [# of strips]

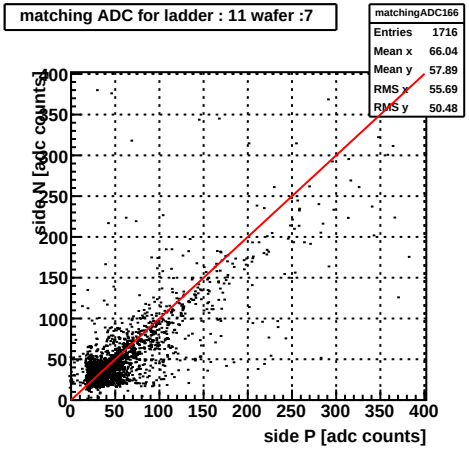

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1730
Mean x 81.42
Mean y 67.45
RMS x 60.82
RMS y 55.02
side N [adc counts]
side P [adc counts]

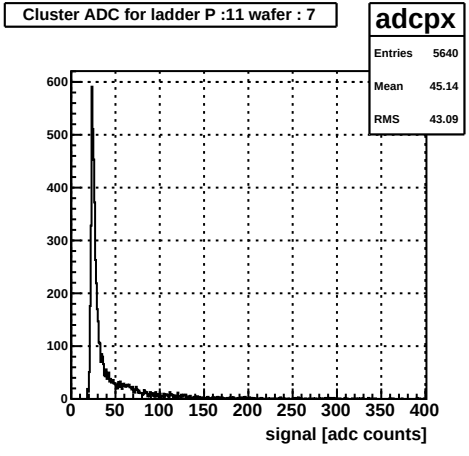

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4687
Mean 49.07
RMS 50.59
signal [adc counts]

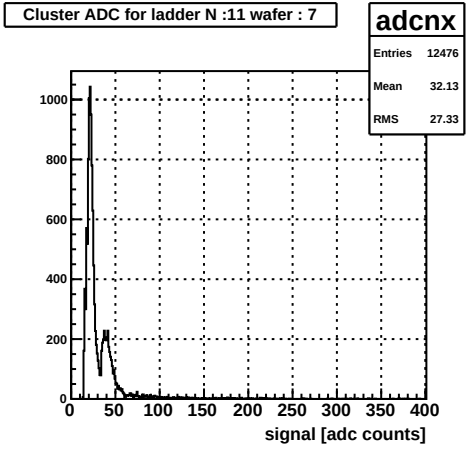

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6444
Mean 42.57
RMS 39.05
signal [adc counts]

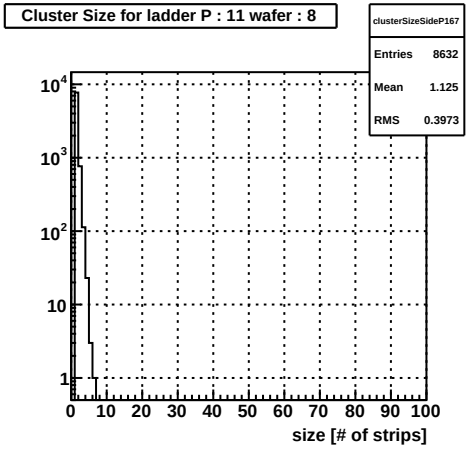

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5640
Mean 1.135
RMS 0.43
size [# of strips]

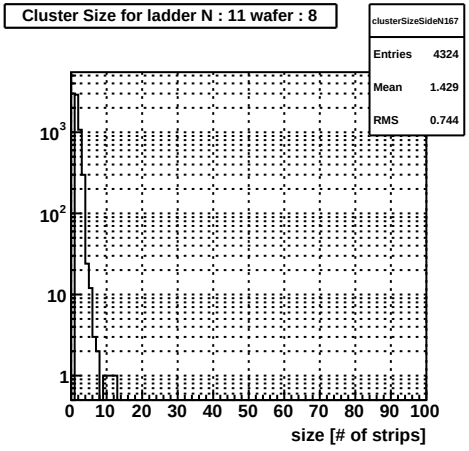

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 12476
Mean 1.284
RMS 0.5193
size [# of strips]

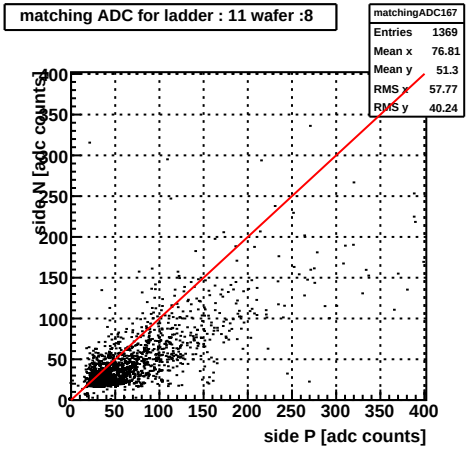

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1716
Mean x 66.04
Mean y 57.89
RMS x 55.69
RMS y 50.48
side N [adc counts]
side P [adc counts]

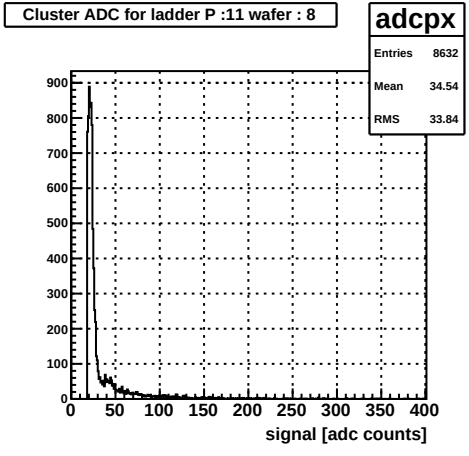

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5640
Mean 45.14
RMS 43.09
signal [adc counts]

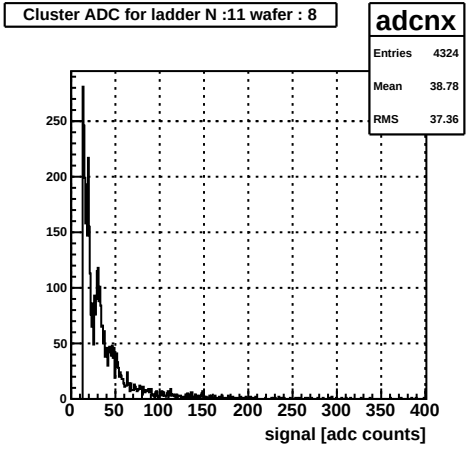

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 12476
Mean 32.13
RMS 27.33
signal [adc counts]

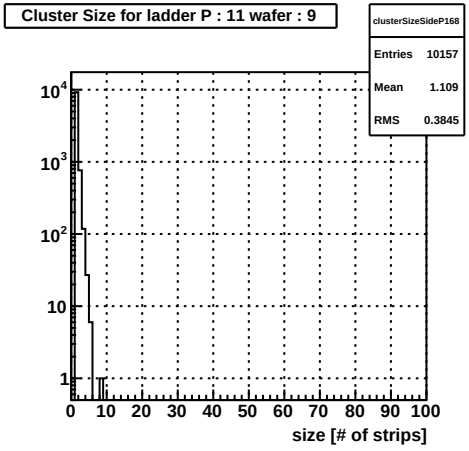

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8632
Mean 1.125
RMS 0.3973
size [# of strips]

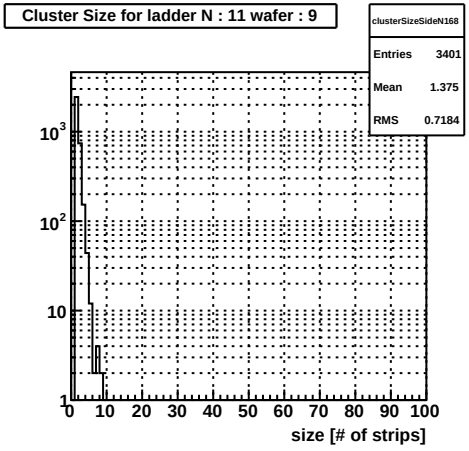

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4324
Mean 1.429
RMS 0.744
size [# of strips]

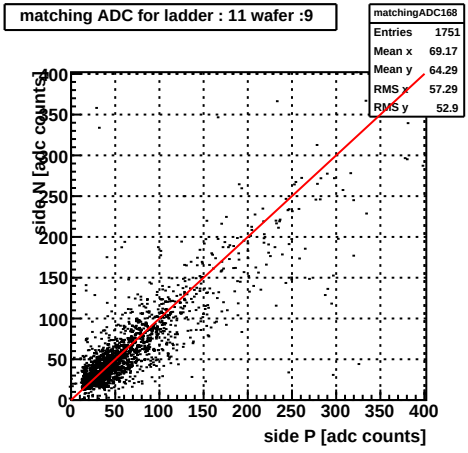

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1369
Mean x 76.81
Mean y 51.3
RMS x 57.77
RMS y 40.24
side N [adc counts]
side P [adc counts]

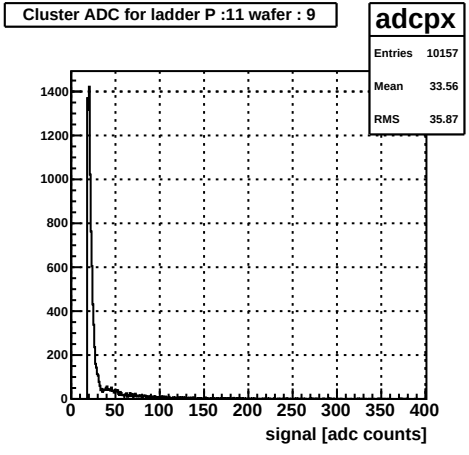

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8632
Mean 34.54
RMS 33.84
signal [adc counts]

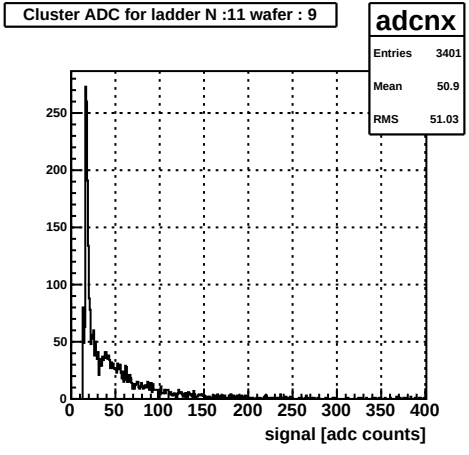

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4324
Mean 38.78
RMS 37.36
signal [adc counts]

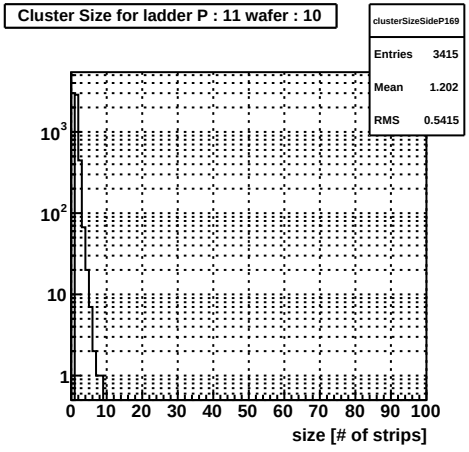

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10157
Mean 1.109
RMS 0.3845
size [# of strips]

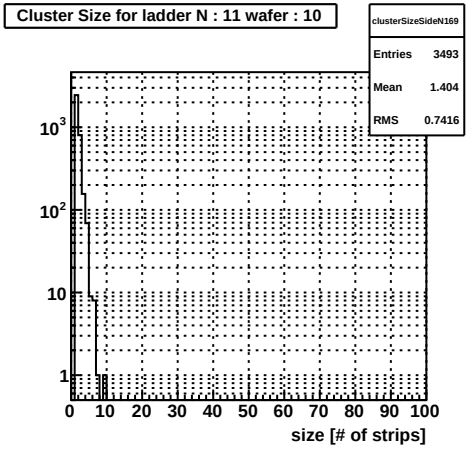

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3401
Mean 1.375
RMS 0.7184
size [# of strips]

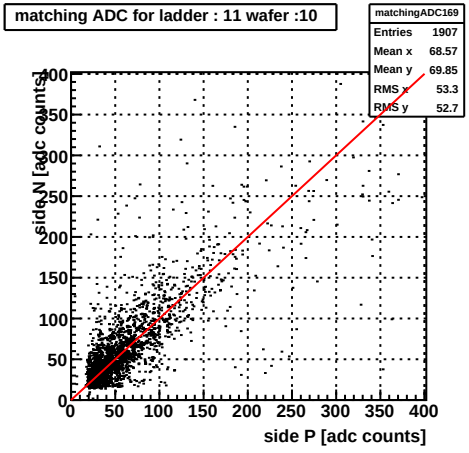

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1751
Mean x 69.17
Mean y 64.29
RMS x 57.29
RMS y 52.9
side N [adc counts]
side P [adc counts]

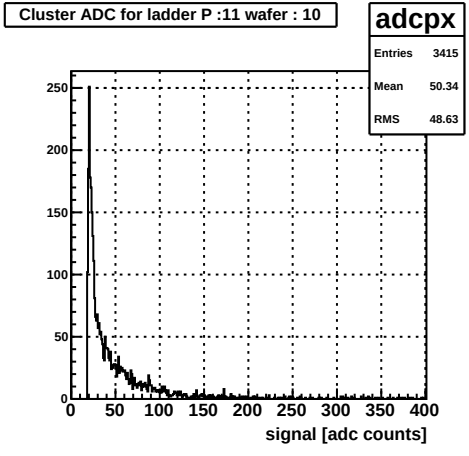

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10157
Mean 33.56
RMS 35.87
signal [adc counts]

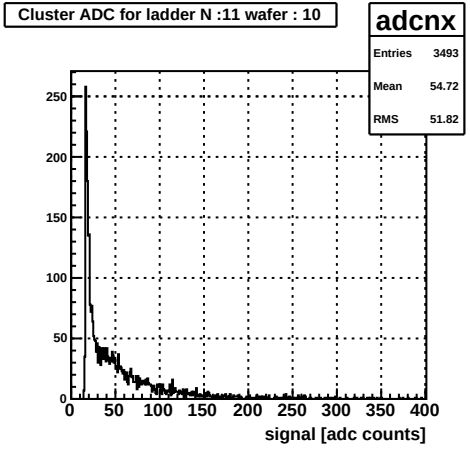

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3401
Mean 50.9
RMS 51.03
signal [adc counts]

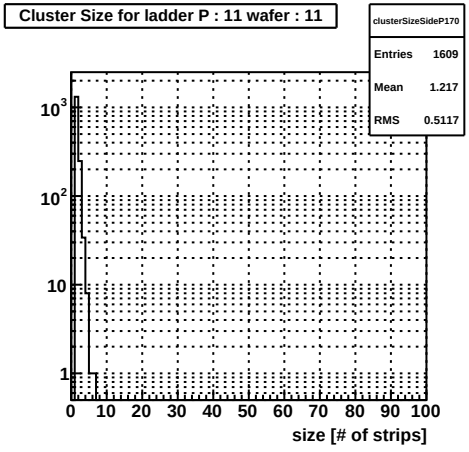

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 3415
Mean 1.202
RMS 0.5415
size [# of strips]

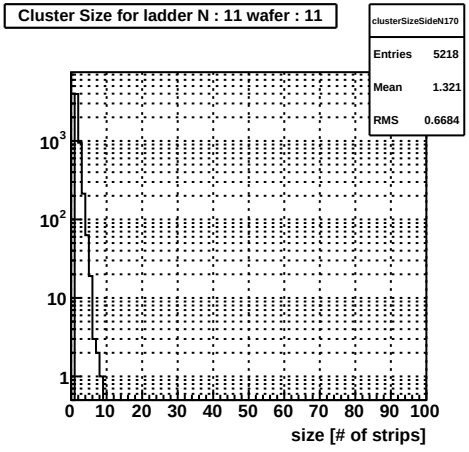

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3493
Mean 1.404
RMS 0.7416
size [# of strips]

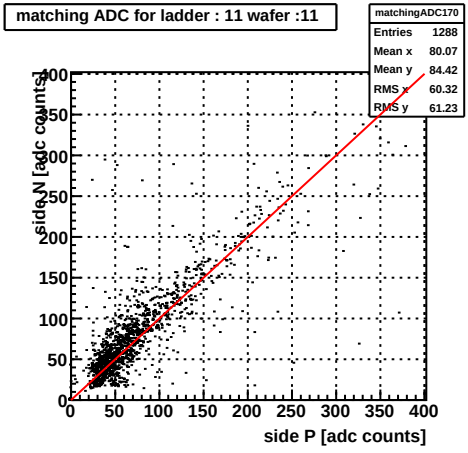

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1907
Mean x 68.57
Mean y 69.85
RMS x 53.3
RMS y 52.7
side N [adc counts]
side P [adc counts]

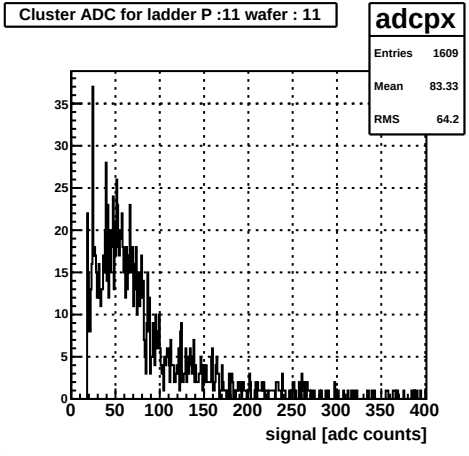

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 3415
Mean 50.34
RMS 48.63
signal [adc counts]

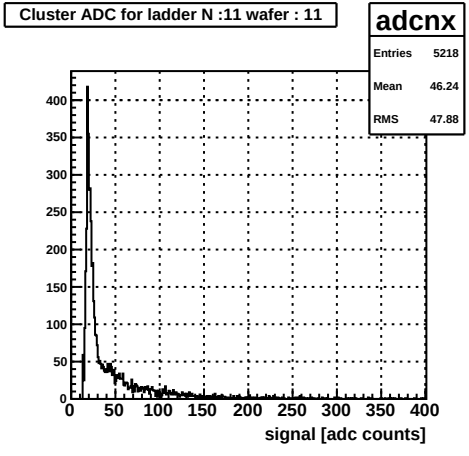

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3493
Mean 54.72
RMS 51.82
signal [adc counts]

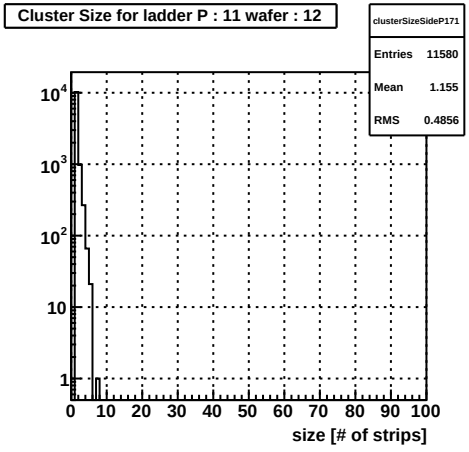

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1609
Mean 1.217
RMS 0.5117
size [# of strips]

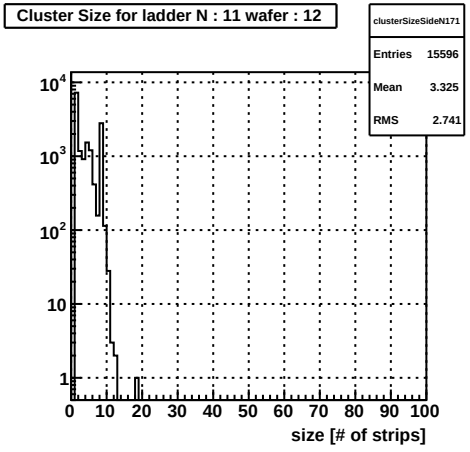

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5218
Mean 1.321
RMS 0.6684
size [# of strips]

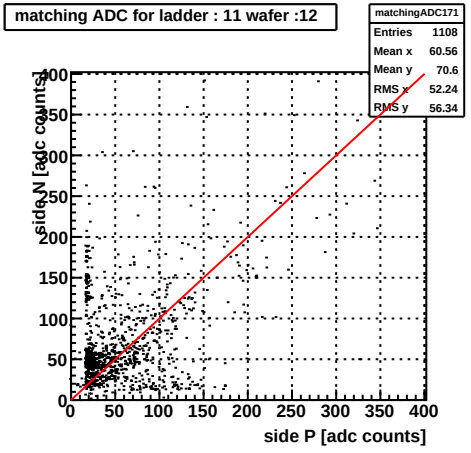

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1288
Mean x 80.07
Mean y 84.42
RMS x 60.32
RMS y 61.23
side N [adc counts]
side P [adc counts]

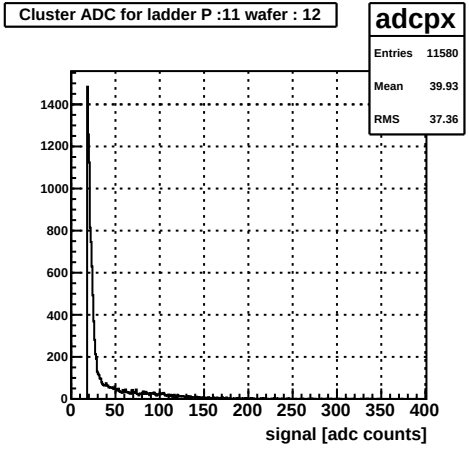

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1609
Mean 83.33
RMS 64.2
signal [adc counts]

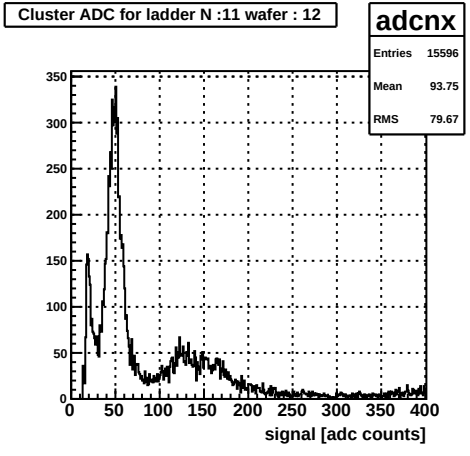

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5218
Mean 46.24
RMS 47.88
signal [adc counts]

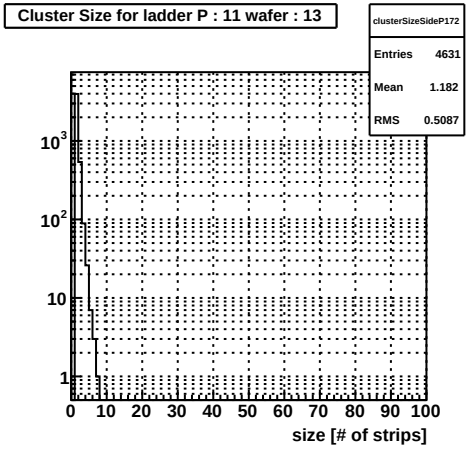

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11580
Mean 1.155
RMS 0.4856
size [# of strips]

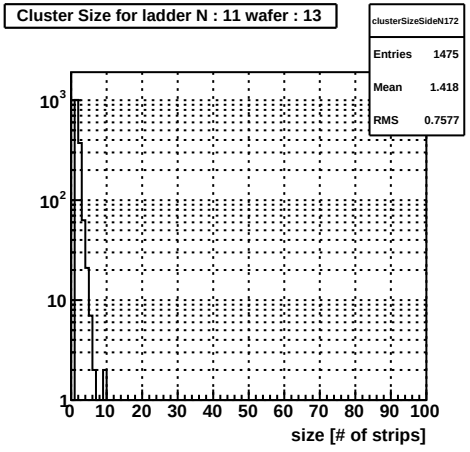

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15596
Mean 3.325
RMS 2.741
size [# of strips]

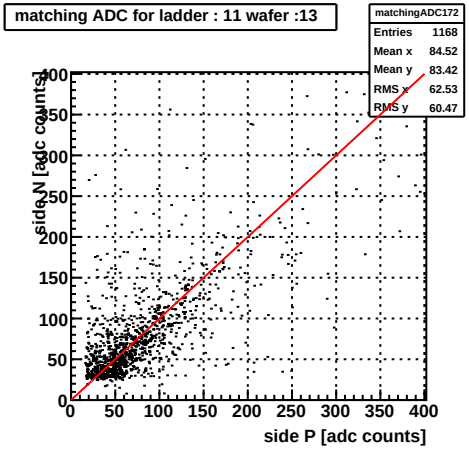

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1108
Mean x 60.56
Mean y 70.6
RMS x 52.24
RMS y 56.34
side N [adc counts]
side P [adc counts]

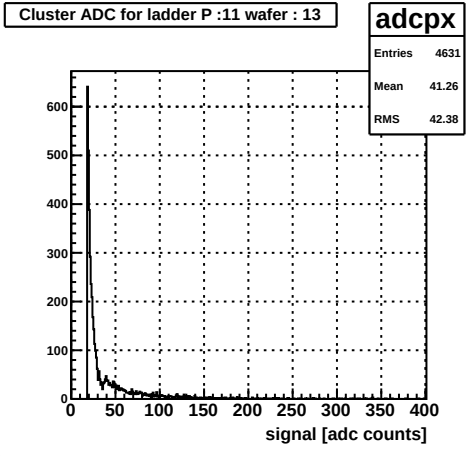

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11580
Mean 39.93
RMS 37.36
signal [adc counts]

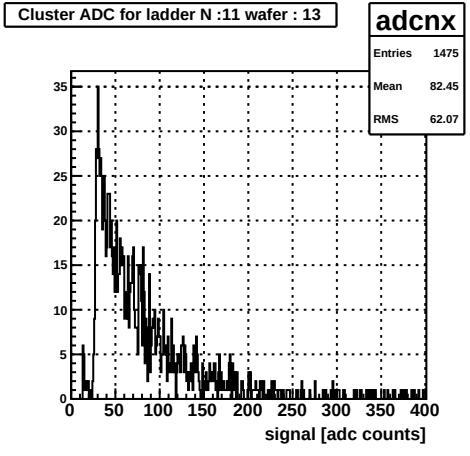

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15596
Mean 93.75
RMS 79.67
signal [adc counts]

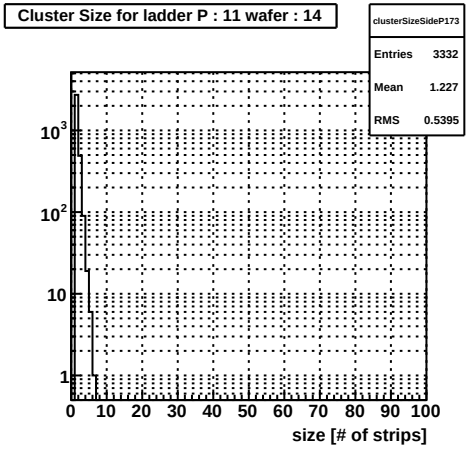

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4631
Mean 1.182
RMS 0.5087
size [# of strips]

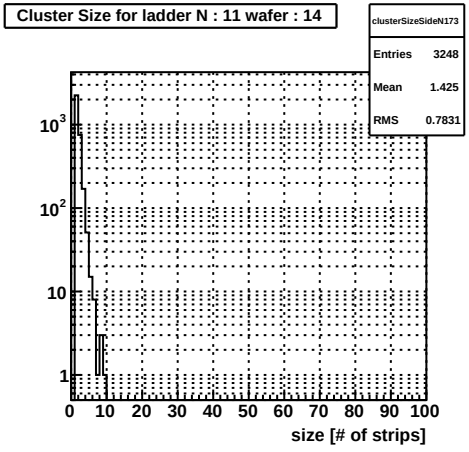

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1475
Mean 1.418
RMS 0.7577
size [# of strips]

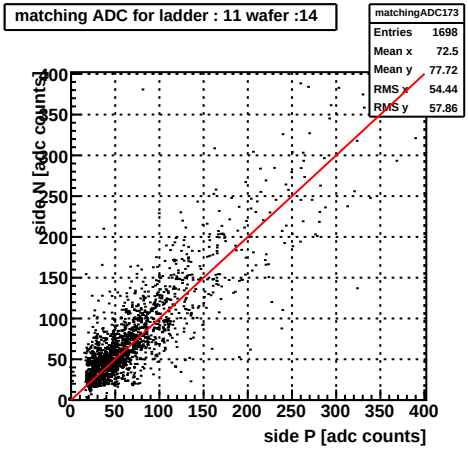

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1168
Mean x 84.52
Mean y 83.42
RMS x 62.53
RMS y 60.47
side N [adc counts]
side P [adc counts]

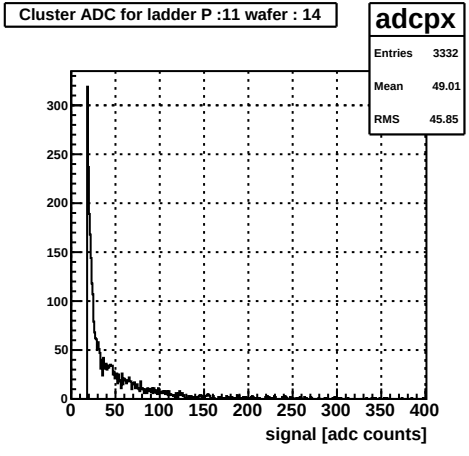

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4631
Mean 41.26
RMS 42.38
signal [adc counts]

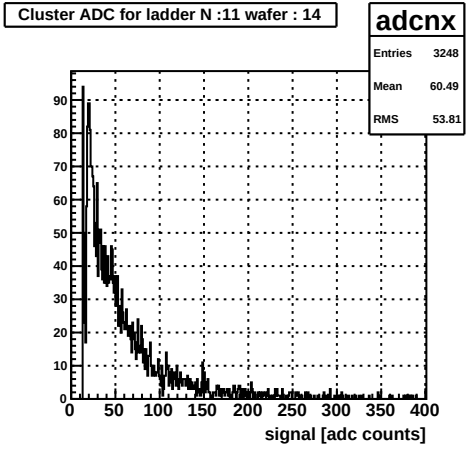

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1475
Mean 82.45
RMS 62.07
signal [adc counts]

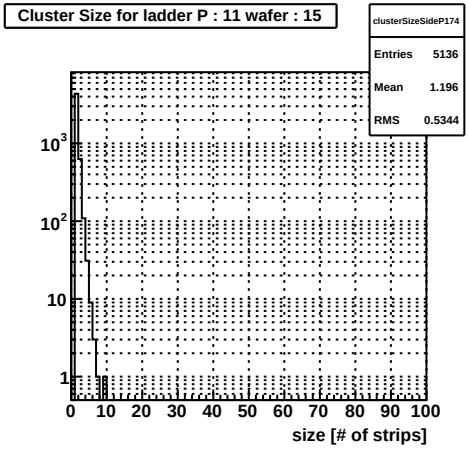

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3332
Mean 1.227
RMS 0.5395
size [# of strips]

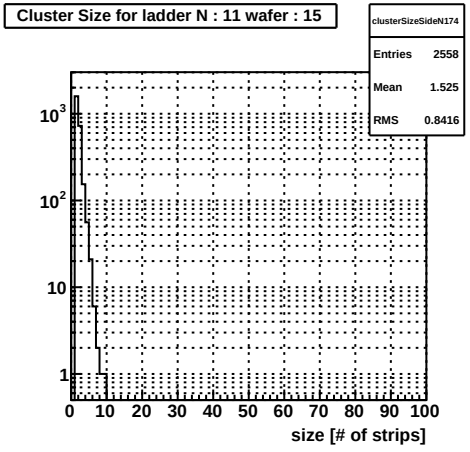

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 3248
Mean 1.425
RMS 0.7831
size [# of strips]

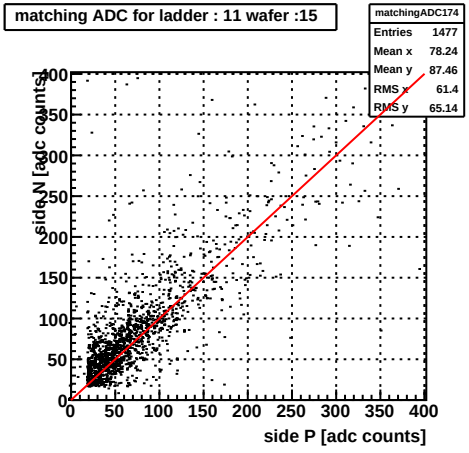

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1698
Mean x 72.5
Mean y 77.72
RMS x 54.44
RMS y 57.86
side N [adc counts]
side P [adc counts]

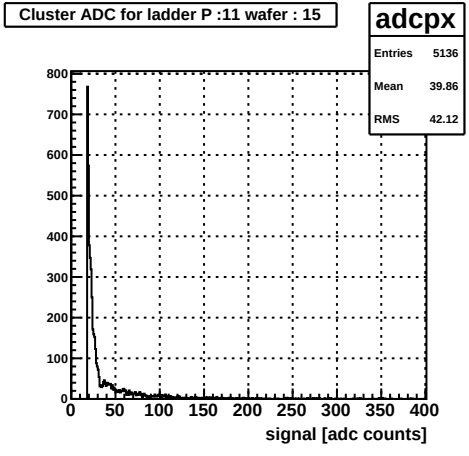

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3332
Mean 49.01
RMS 45.85
signal [adc counts]

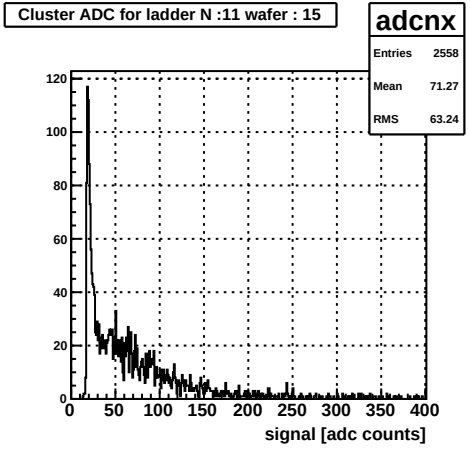

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 3248
Mean 60.49
RMS 53.81
signal [adc counts]

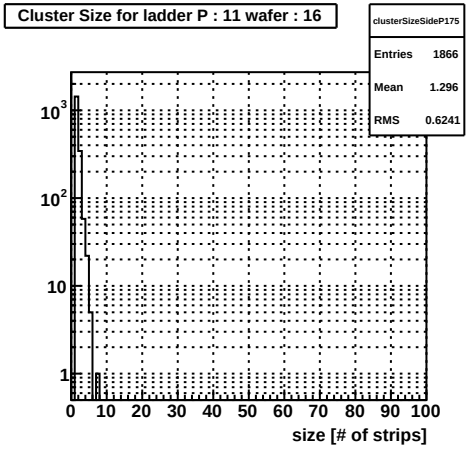

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 5136
Mean 1.196
RMS 0.5344
size [# of strips]

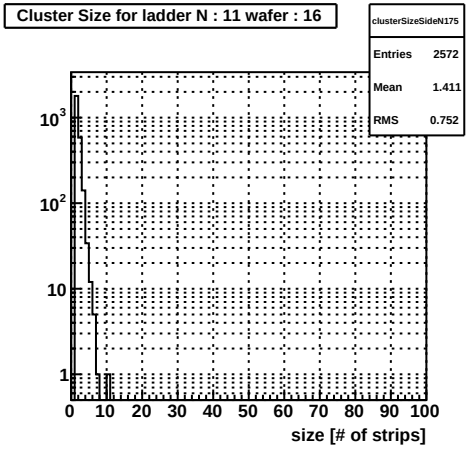

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2558
Mean 1.525
RMS 0.8416
size [# of strips]

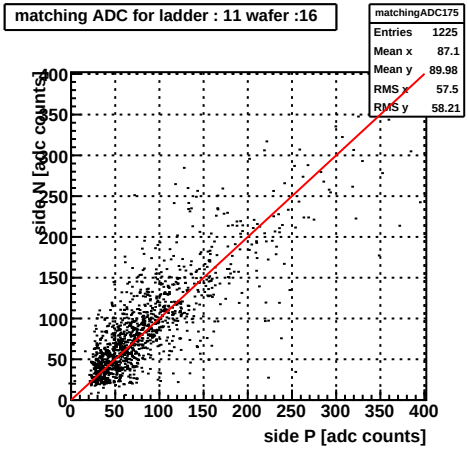

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1477
Mean x 78.24
Mean y 87.46
RMS x 61.4
RMS y 65.14
side N [adc counts]
side P [adc counts]

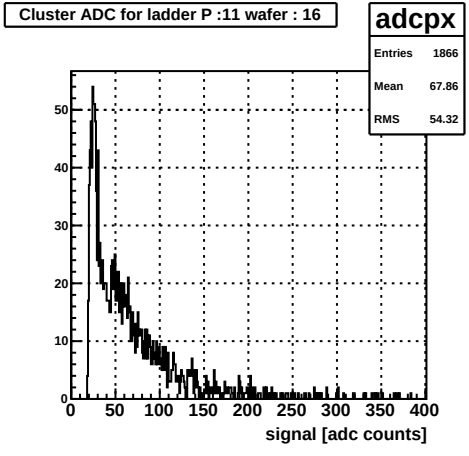

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 5136
Mean 39.86
RMS 42.12
signal [adc counts]

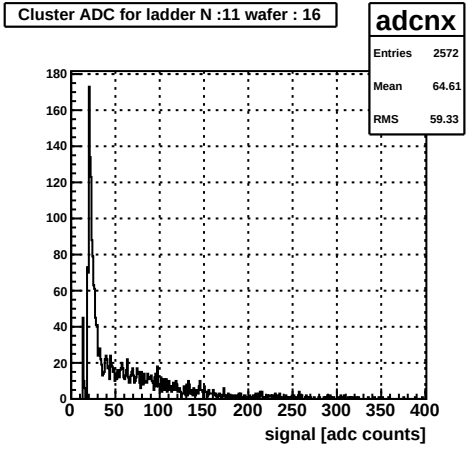

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2558
Mean 71.27
RMS 63.24
signal [adc counts]

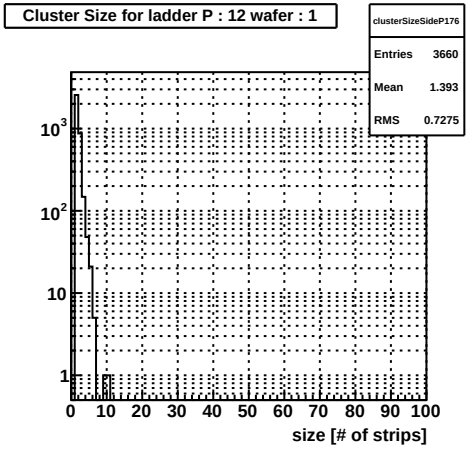

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1866
Mean 1.296
RMS 0.6241
size [# of strips]

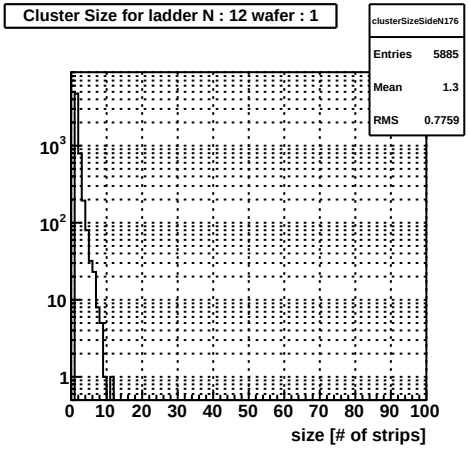

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2572
Mean 1.411
RMS 0.752
size [# of strips]

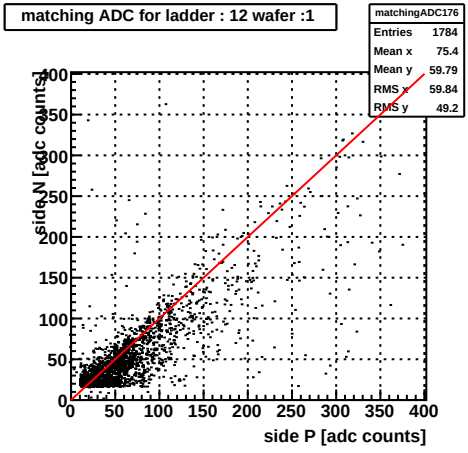

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1225
Mean x 87.1
Mean y 89.98
RMS x 57.5
RMS y 58.21
side N [adc counts]
side P [adc counts]

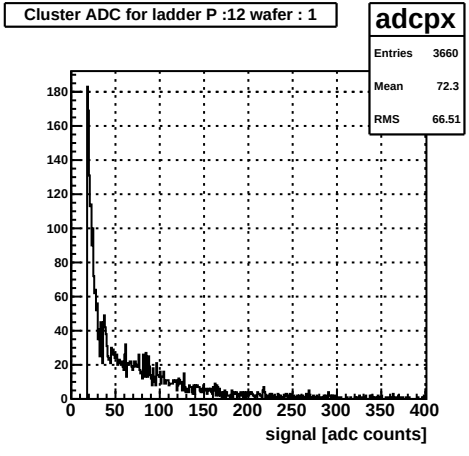

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1866
Mean 67.86
RMS 54.32
signal [adc counts]

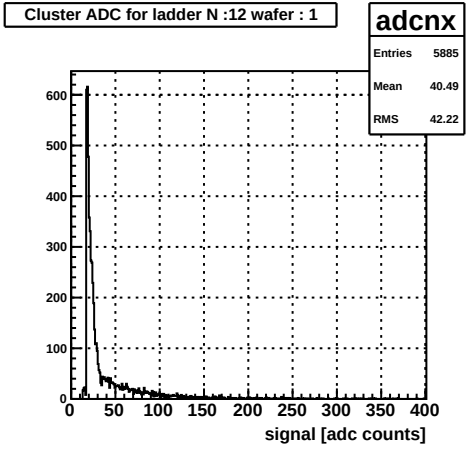

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2572
Mean 64.61
RMS 59.33
signal [adc counts]

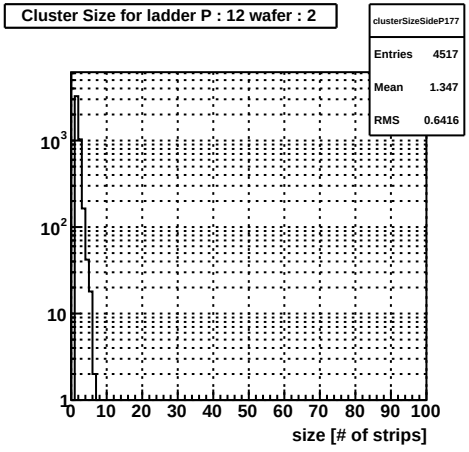

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3660
Mean 1.393
RMS 0.7275
size [# of strips]

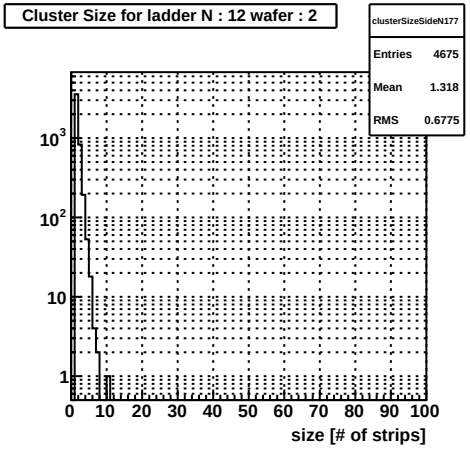

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5885
Mean 1.3
RMS 0.7759
size [# of strips]

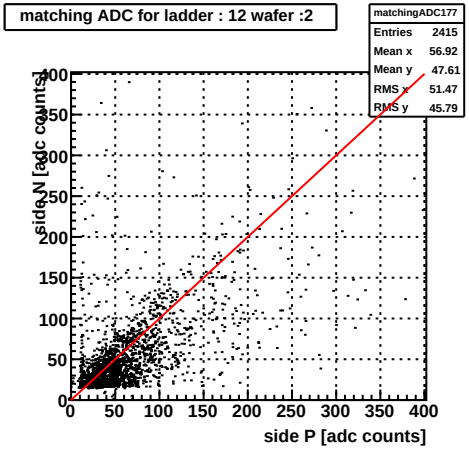

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1784
Mean x 75.4
Mean y 59.79
RMS x 59.84
RMS y 49.2
side N [adc counts]
side P [adc counts]

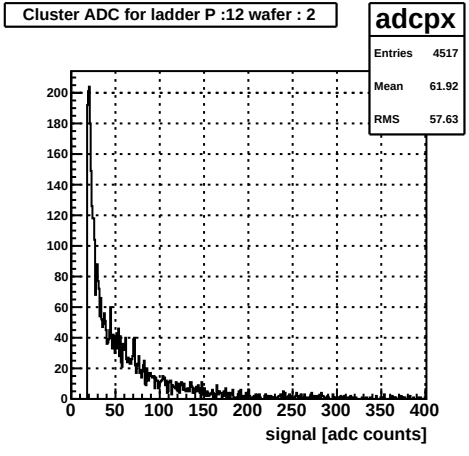

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3660
Mean 72.3
RMS 66.51
signal [adc counts]

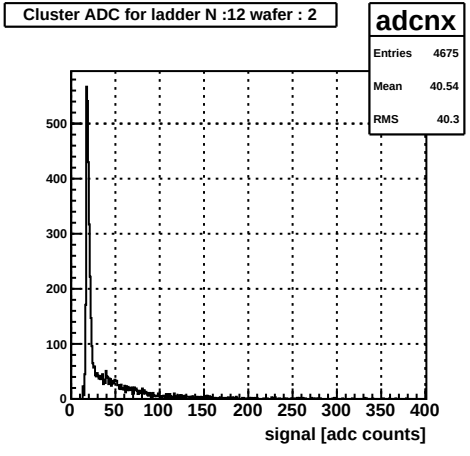

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5885
Mean 40.49
RMS 42.22
signal [adc counts]

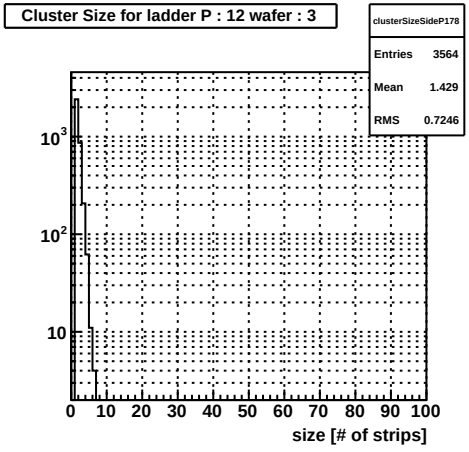

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4517
Mean 1.347
RMS 0.6416
size [# of strips]

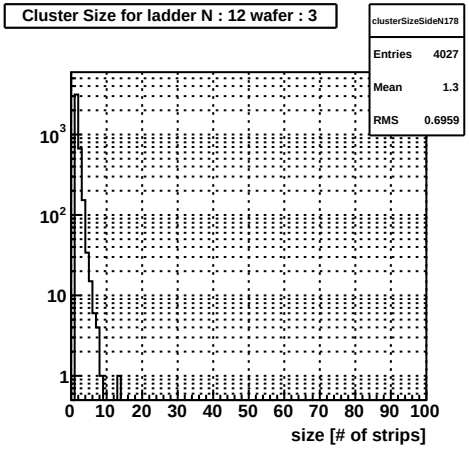

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4675
Mean 1.318
RMS 0.6775
size [# of strips]

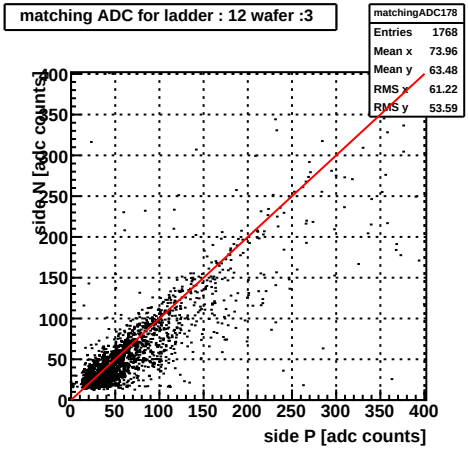

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2415
Mean x 56.92
Mean y 47.61
RMS x 51.47
RMS y 45.79
side N [adc counts]
side P [adc counts]

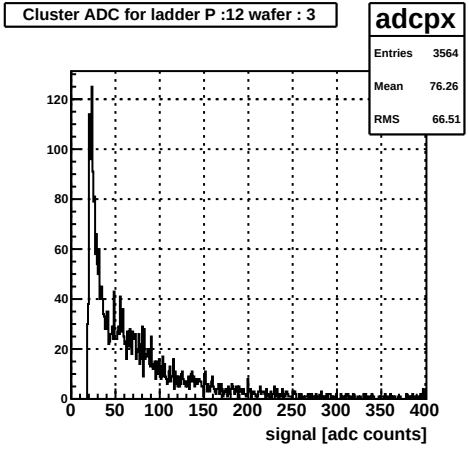

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4517
Mean 61.92
RMS 57.63
signal [adc counts]

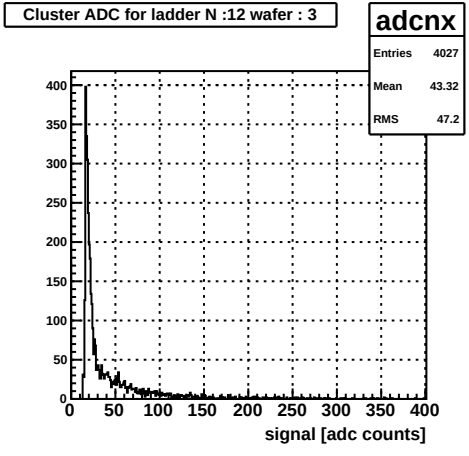

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4675
Mean 40.54
RMS 40.3
signal [adc counts]

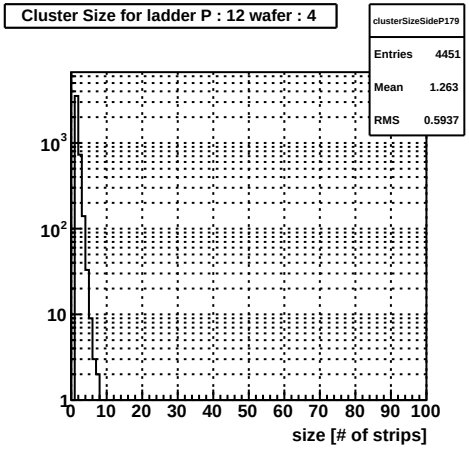

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3564
Mean 1.429
RMS 0.7246
size [# of strips]

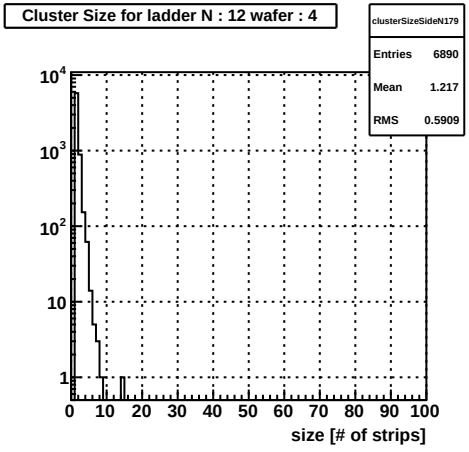

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4027
Mean 1.3
RMS 0.6959
size [# of strips]

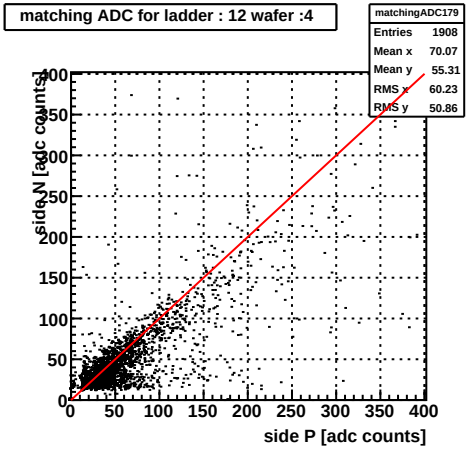

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1768
Mean x 73.96
Mean y 63.48
RMS x 61.22
RMS y 53.59
side N [adc counts]
side P [adc counts]

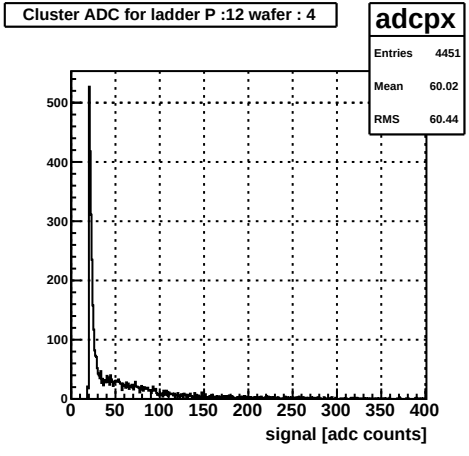

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3564
Mean 76.26
RMS 66.51
signal [adc counts]

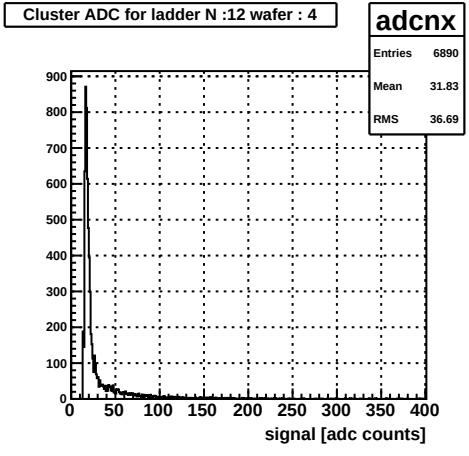

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4027
Mean 43.32
RMS 47.2
signal [adc counts]

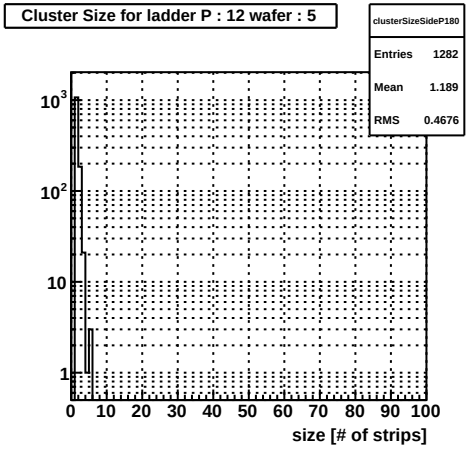

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4451
Mean 1.263
RMS 0.5937
size [# of strips]

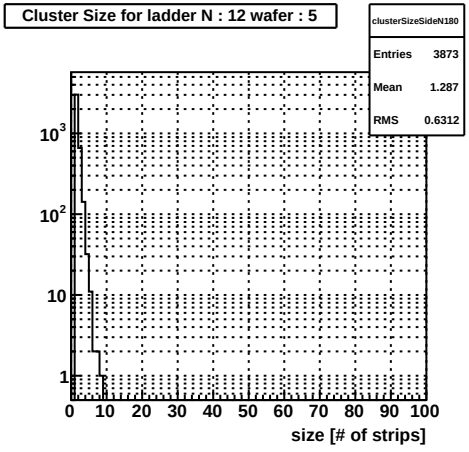

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6890
Mean 1.217
RMS 0.5909
size [# of strips]

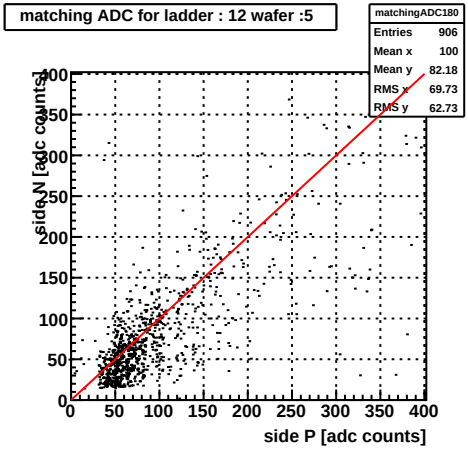

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1908
Mean x 70.07
Mean y 55.31
RMS x 60.23
RMS y 50.86
side N [adc counts]
side P [adc counts]

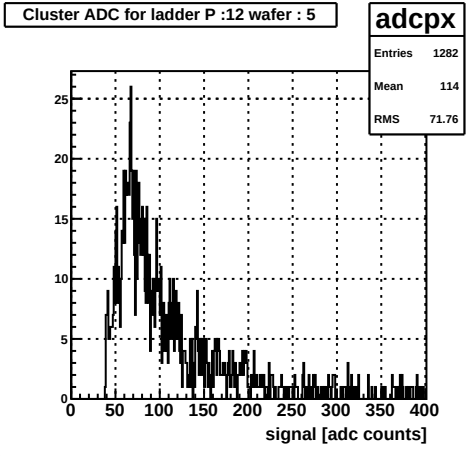

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4451
Mean 60.02
RMS 60.44
signal [adc counts]

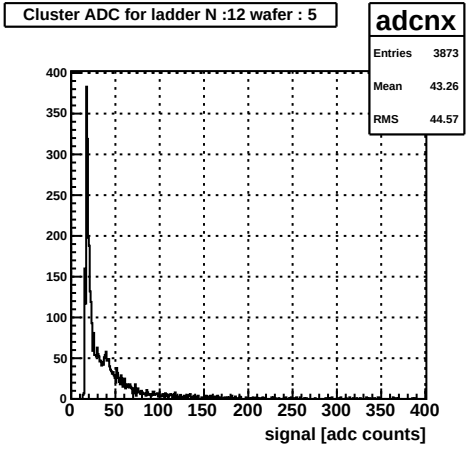

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6890
Mean 31.83
RMS 36.69
signal [adc counts]

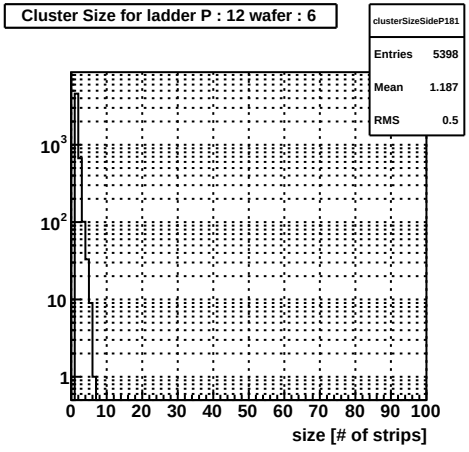

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1282
Mean 1.189
RMS 0.4676
size [# of strips]

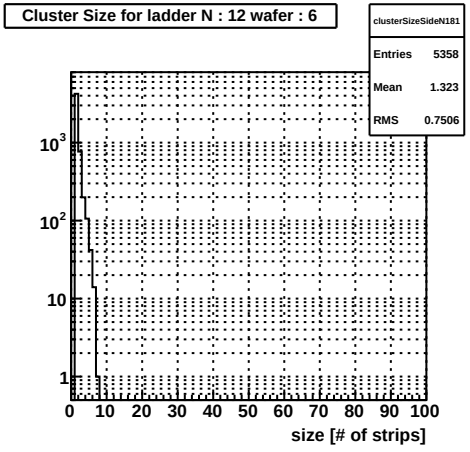

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3873
Mean 1.287
RMS 0.6312
size [# of strips]

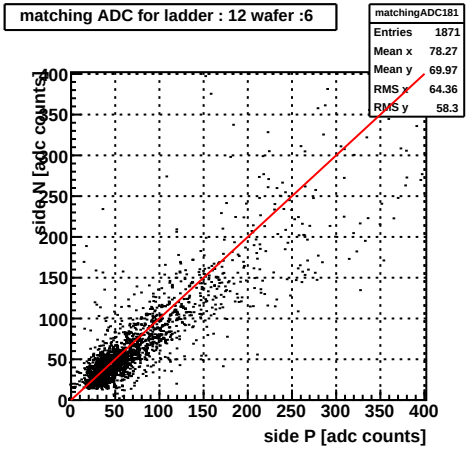

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 906
Mean x 100
Mean y 82.18
RMS x 69.73
RMS y 62.73
side N [adc counts]
side P [adc counts]

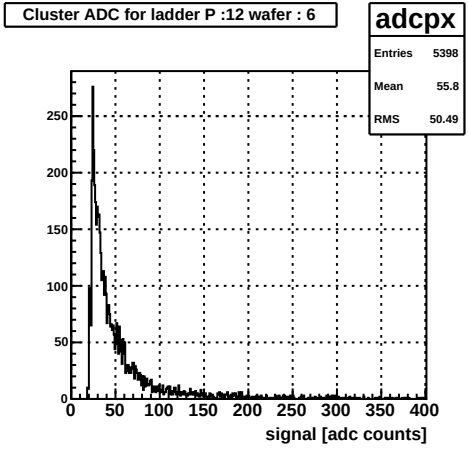

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1282
Mean 114
RMS 71.76
signal [adc counts]

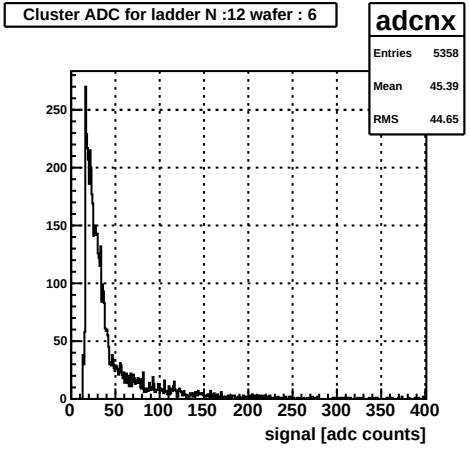

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3873
Mean 43.26
RMS 44.57
signal [adc counts]

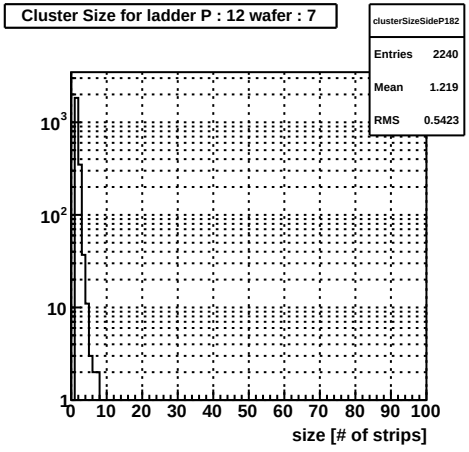

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 5398
Mean 1.187
RMS 0.5
size [# of strips]

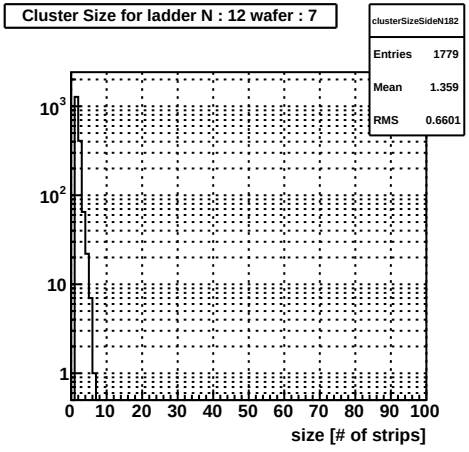

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5358
Mean 1.323
RMS 0.7506
size [# of strips]

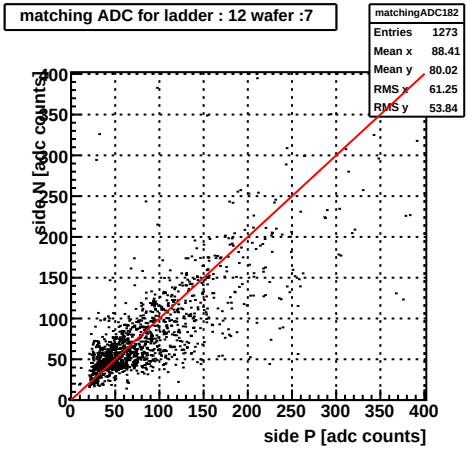

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1871
Mean x 78.27
Mean y 69.97
RMS x 64.36
RMS y 58.3
side N [adc counts]
side P [adc counts]

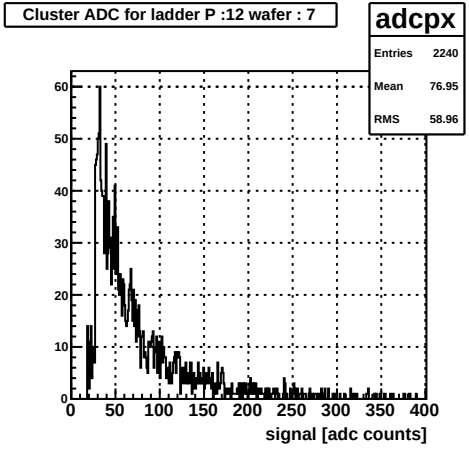

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 5398
Mean 55.8
RMS 50.49
signal [adc counts]

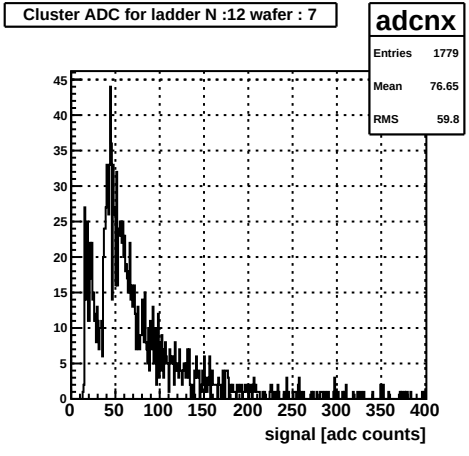

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5358
Mean 45.39
RMS 44.65
signal [adc counts]

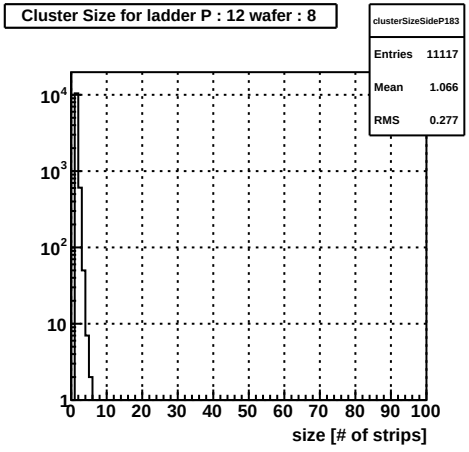

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2240
Mean 1.219
RMS 0.5423
size [# of strips]

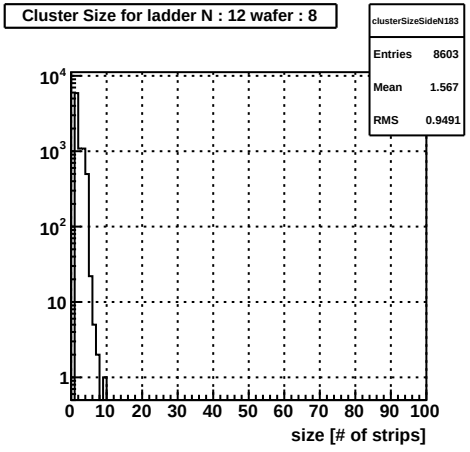

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1779
Mean 1.359
RMS 0.6601
size [# of strips]

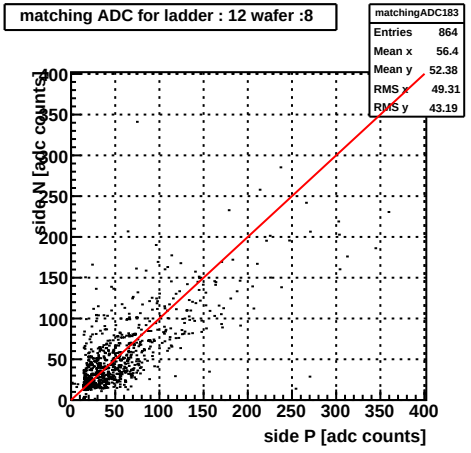

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1273
Mean x 88.41
Mean y 80.02
RMS x 61.25
RMS y 53.84
side N [adc counts]
side P [adc counts]

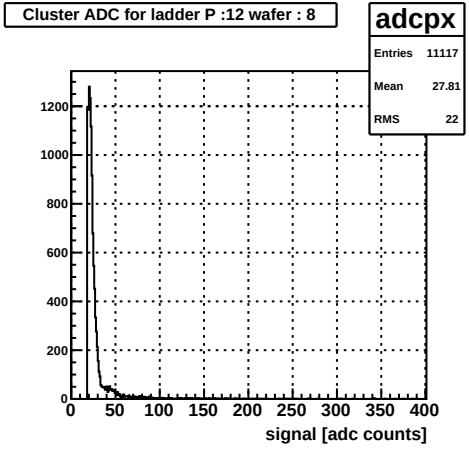

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2240
Mean 76.95
RMS 58.96
signal [adc counts]

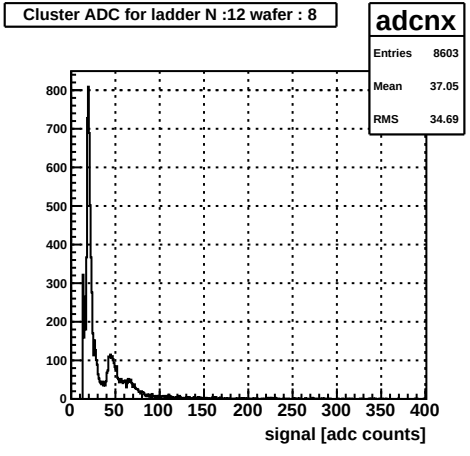

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1779
Mean 76.65
RMS 59.8
signal [adc counts]

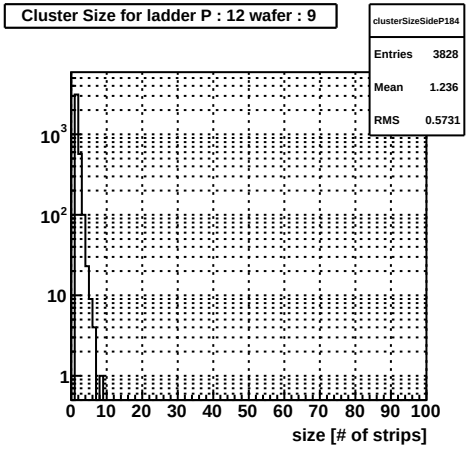

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11117
Mean 1.066
RMS 0.277
size [# of strips]

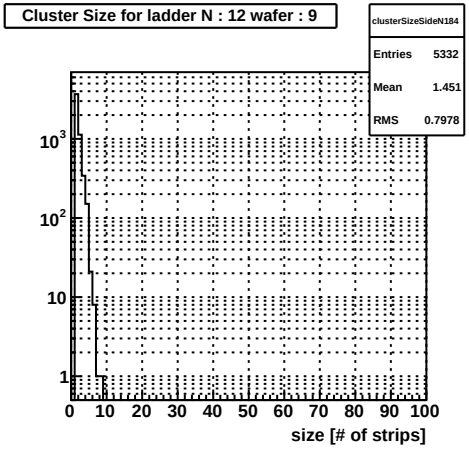

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8603
Mean 1.567
RMS 0.9491
size [# of strips]

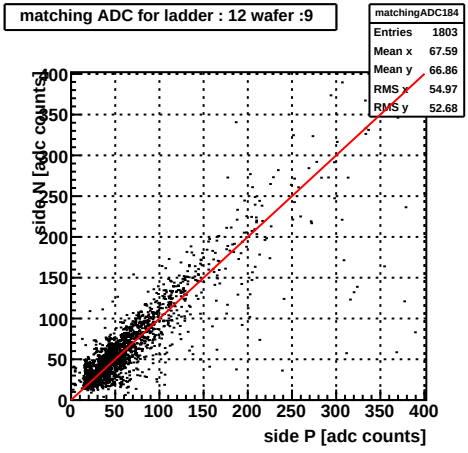

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 864
Mean x 56.4
Mean y 52.38
RMS x 49.31
RMS y 43.19
side N [adc counts]
side P [adc counts]

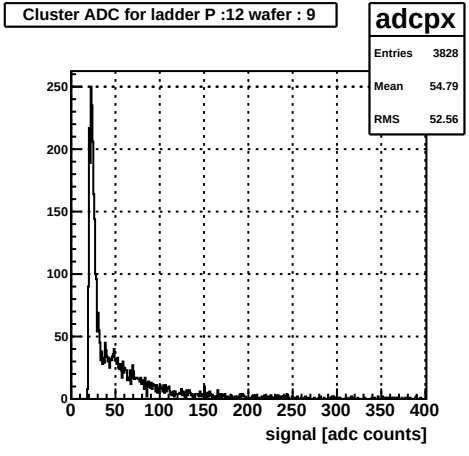

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11117
Mean 27.81
RMS 22
signal [adc counts]

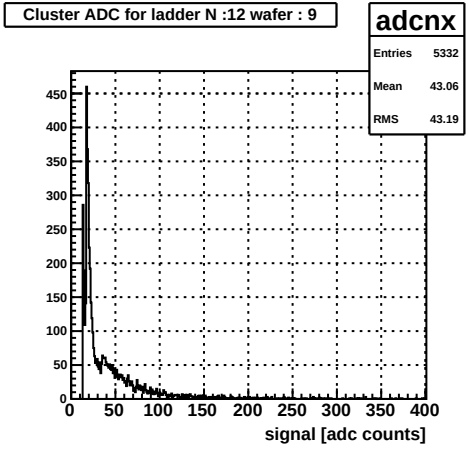

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8603
Mean 37.05
RMS 34.69
signal [adc counts]

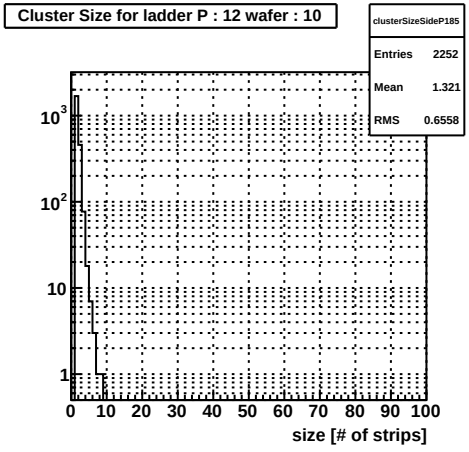

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3828
Mean 1.236
RMS 0.5731
size [# of strips]

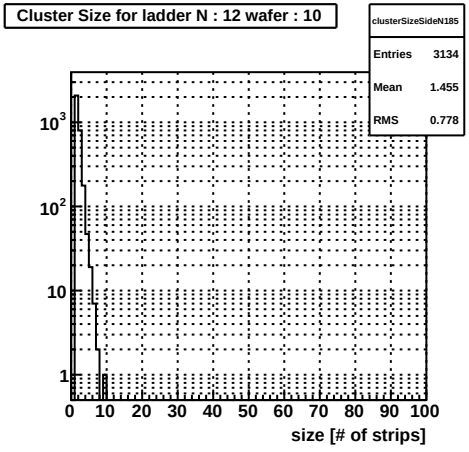

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5332
Mean 1.451
RMS 0.7978
size [# of strips]

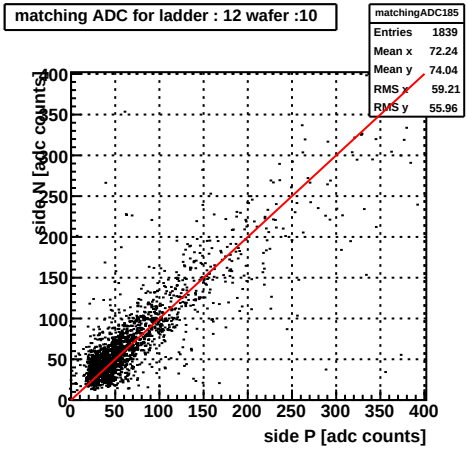

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1803
Mean x 67.59
Mean y 66.86
RMS x 54.97
RMS y 52.68
side N [adc counts]
side P [adc counts]

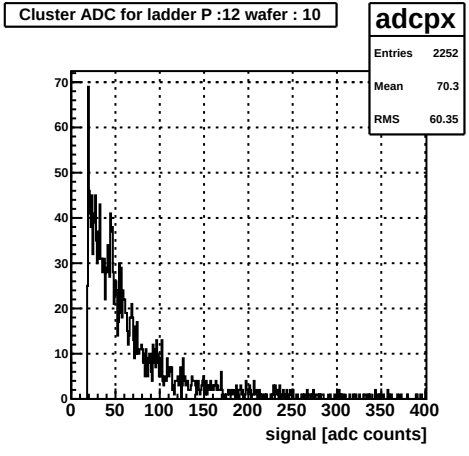

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3828
Mean 54.79
RMS 52.56
signal [adc counts]

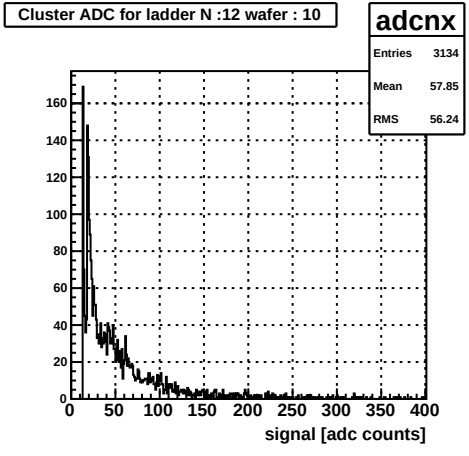

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5332
Mean 43.06
RMS 43.19
signal [adc counts]

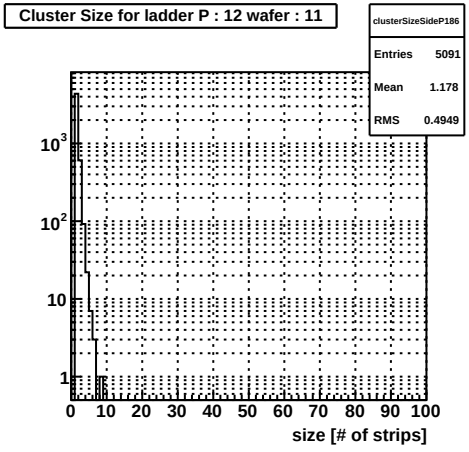

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2252
Mean 1.321
RMS 0.6558
size [# of strips]

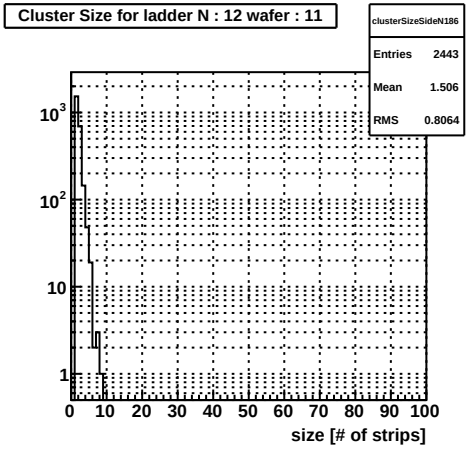

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3134
Mean 1.455
RMS 0.778
size [# of strips]

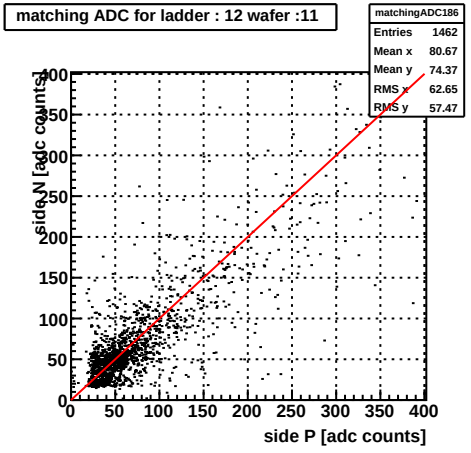

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1839
Mean x 72.24
Mean y 74.04
RMS x 59.21
RMS y 55.96
side N [adc counts]
side P [adc counts]

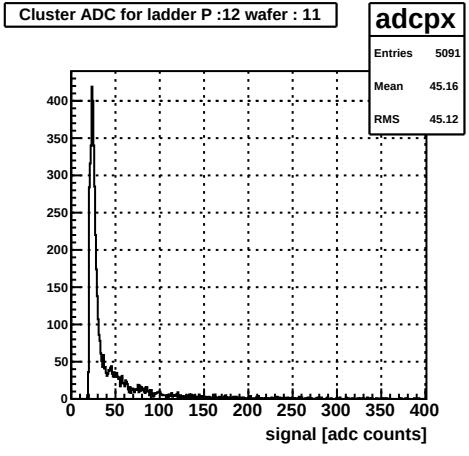

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2252
Mean 70.3
RMS 60.35
signal [adc counts]

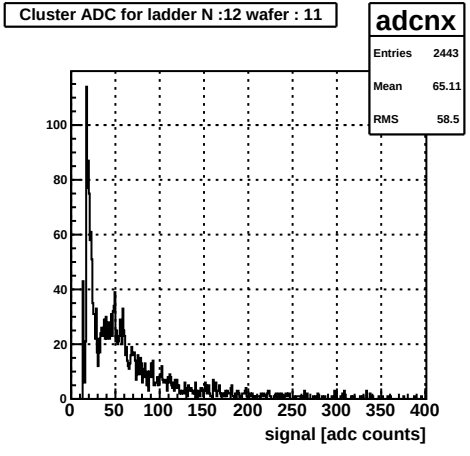

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3134
Mean 57.85
RMS 56.24
signal [adc counts]

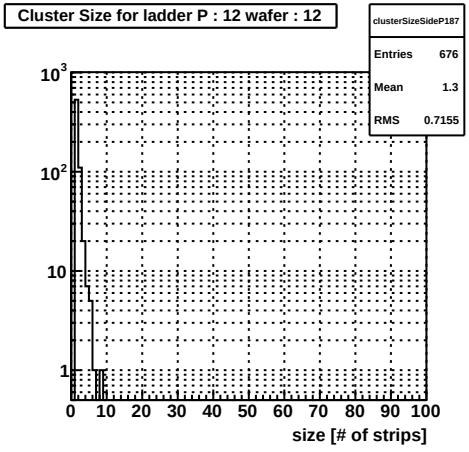

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 5091
Mean 1.178
RMS 0.4949
size [# of strips]

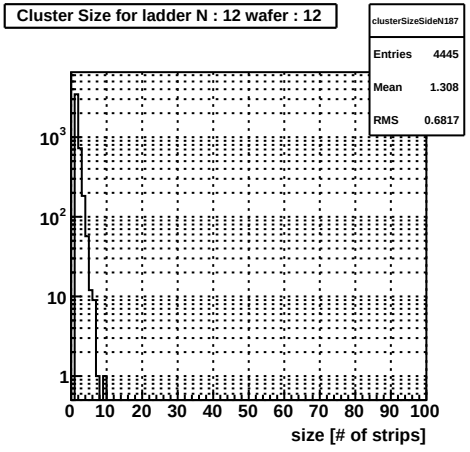

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2443
Mean 1.506
RMS 0.8064
size [# of strips]

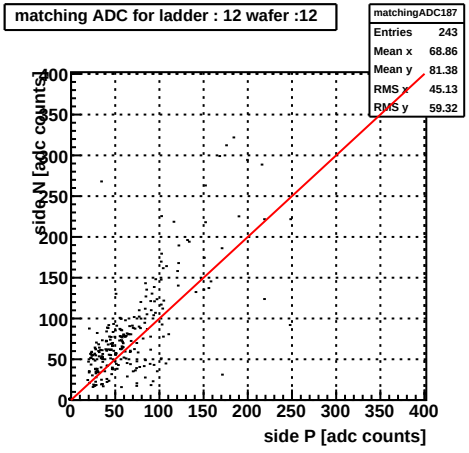

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1462
Mean x 80.67
Mean y 74.37
RMS x 62.65
RMS y 57.47
side N [adc counts]
side P [adc counts]

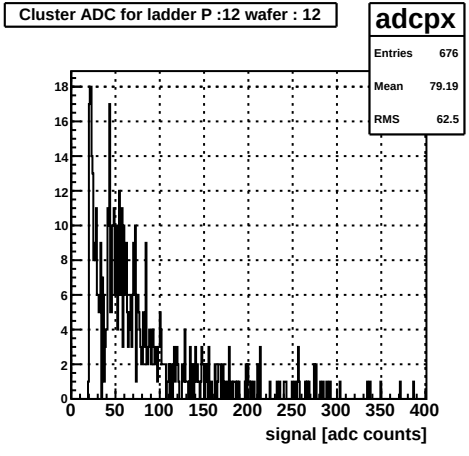

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 5091
Mean 45.16
RMS 45.12
signal [adc counts]

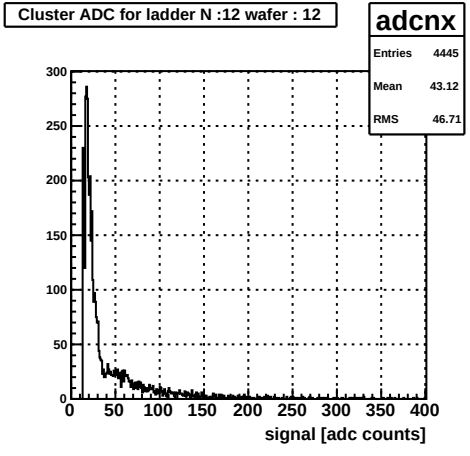

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2443
Mean 65.11
RMS 58.5
signal [adc counts]

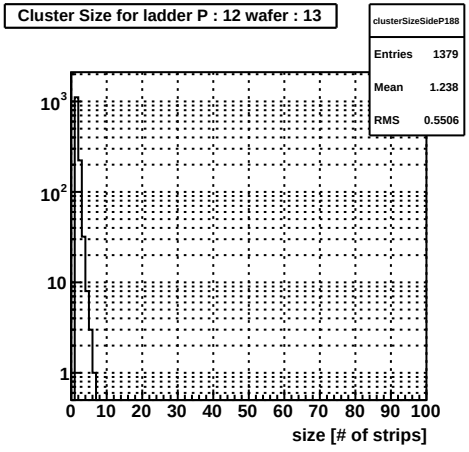

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 676
Mean 1.3
RMS 0.7155
size [# of strips]

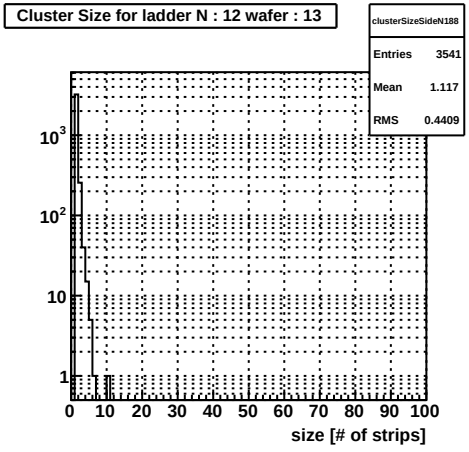

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4445
Mean 1.308
RMS 0.6817
size [# of strips]

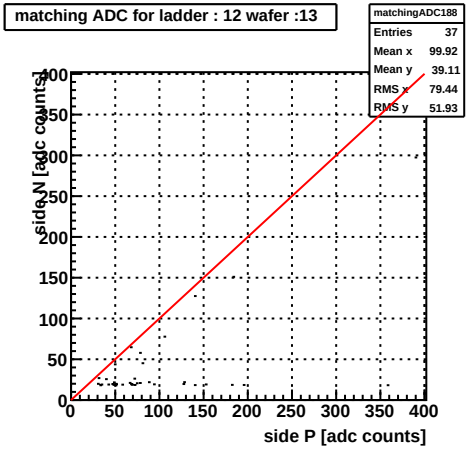

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 243
Mean x 68.86
Mean y 81.38
RMS x 45.13
RMS y 59.32
side N [adc counts]
side P [adc counts]

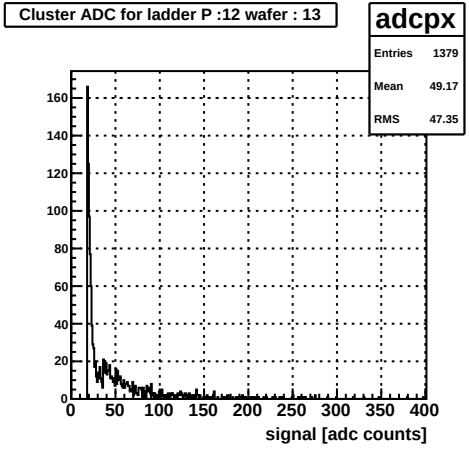

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 676
Mean 79.19
RMS 62.5
signal [adc counts]

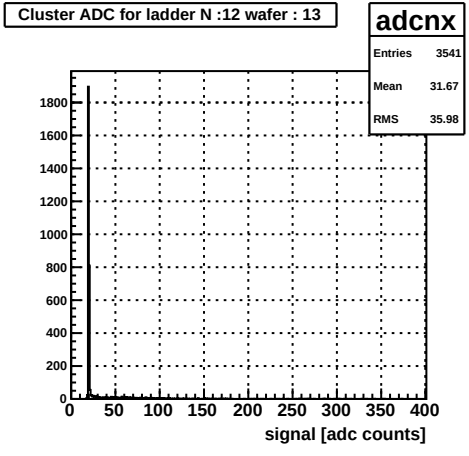

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4445
Mean 43.12
RMS 46.71
signal [adc counts]

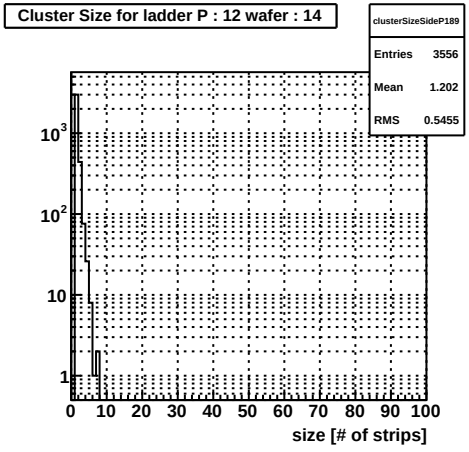

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1379
Mean 1.238
RMS 0.5506
size [# of strips]

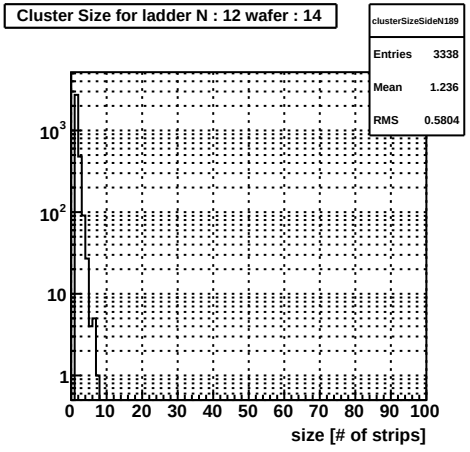

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3541
Mean 1.117
RMS 0.4409
size [# of strips]

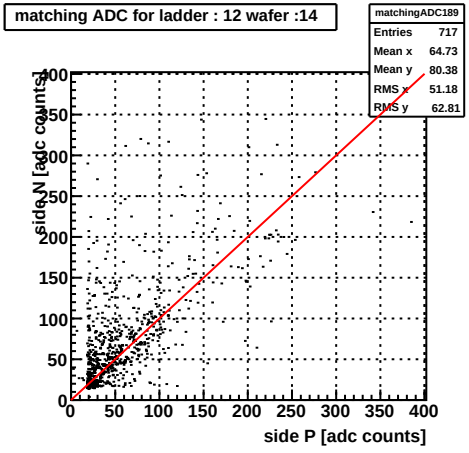

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 37
Mean x 99.92
Mean y 39.11
RMS x 79.44
RMS y 51.93
side N [adc counts]
side P [adc counts]

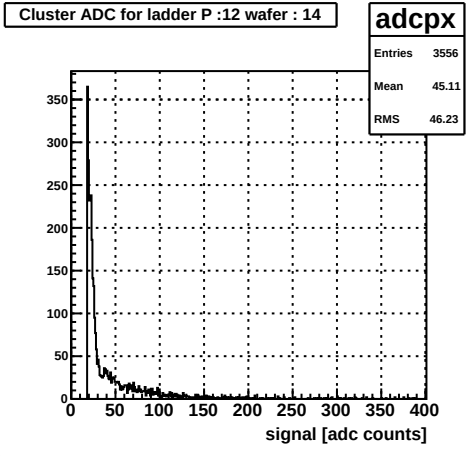

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1379
Mean 49.17
RMS 47.35
signal [adc counts]

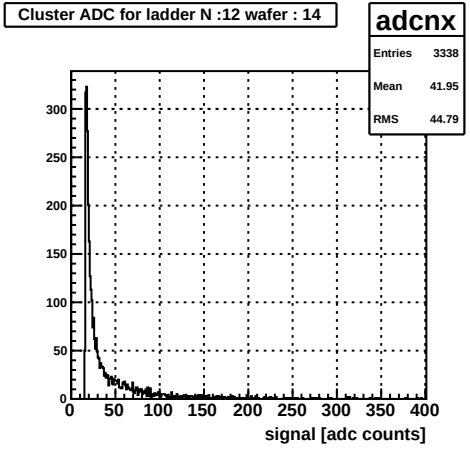

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3541
Mean 31.67
RMS 35.98
signal [adc counts]

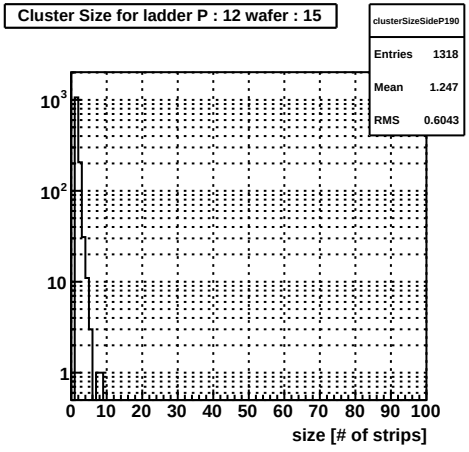

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3556
Mean 1.202
RMS 0.5455
size [# of strips]

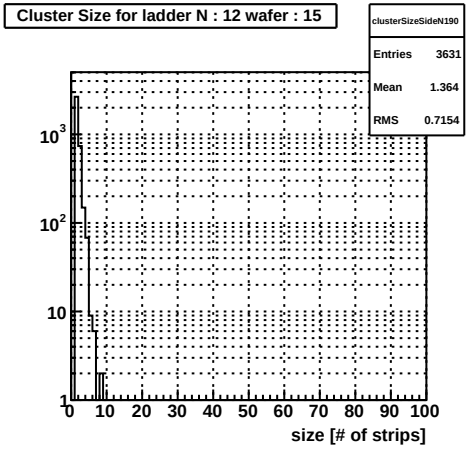

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3338
Mean 1.236
RMS 0.5804
size [# of strips]

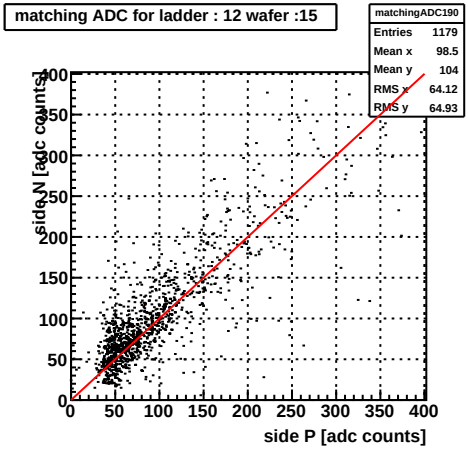

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 717
Mean x 64.73
Mean y 80.38
RMS x 51.18
RMS y 62.81
side N [adc counts]
side P [adc counts]

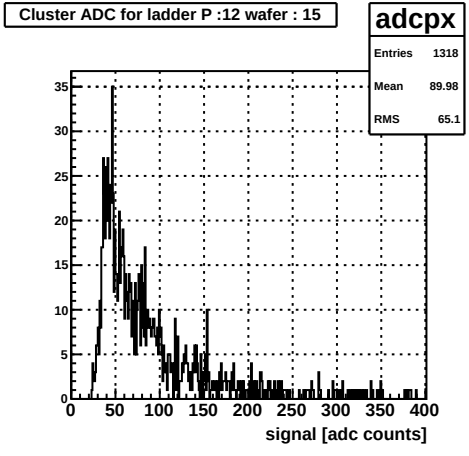

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3556
Mean 45.11
RMS 46.23
signal [adc counts]

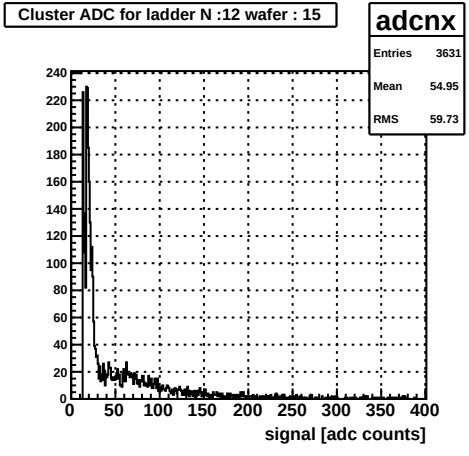

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3338
Mean 41.95
RMS 44.79
signal [adc counts]

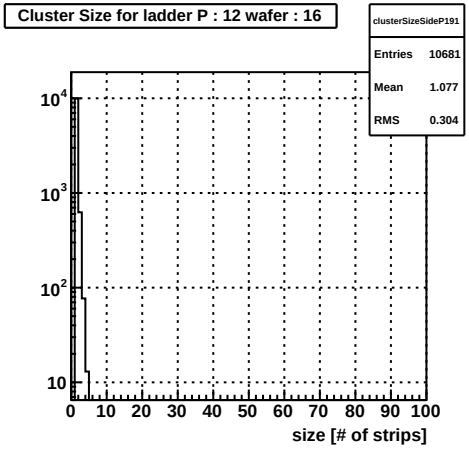

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1318
Mean 1.247
RMS 0.6043
size [# of strips]

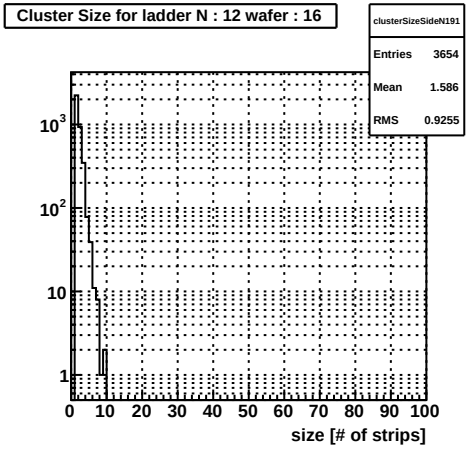

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3631
Mean 1.364
RMS 0.7154
size [# of strips]

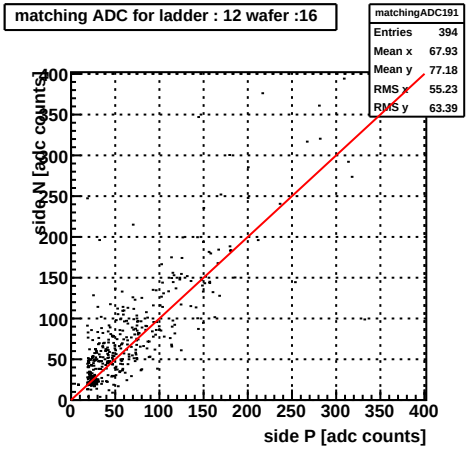

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1179
Mean x 98.5
Mean y 104
RMS x 64.12
RMS y 64.93
side N [adc counts]
side P [adc counts]

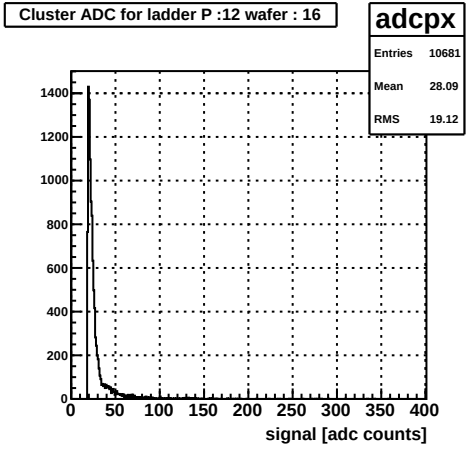

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1318
Mean 89.98
RMS 65.1
signal [adc counts]

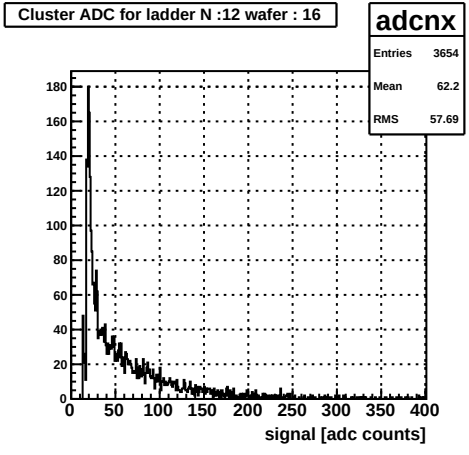

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3631
Mean 54.95
RMS 59.73
signal [adc counts]

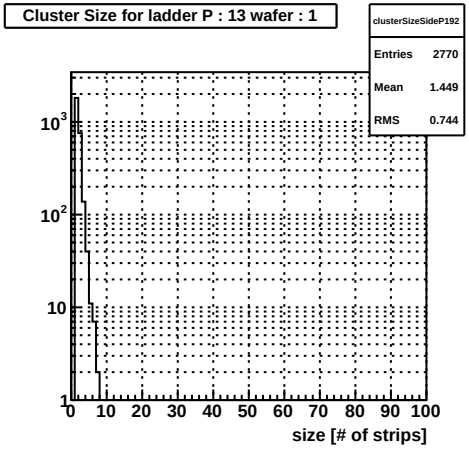

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10681
Mean 1.077
RMS 0.304
size [# of strips]

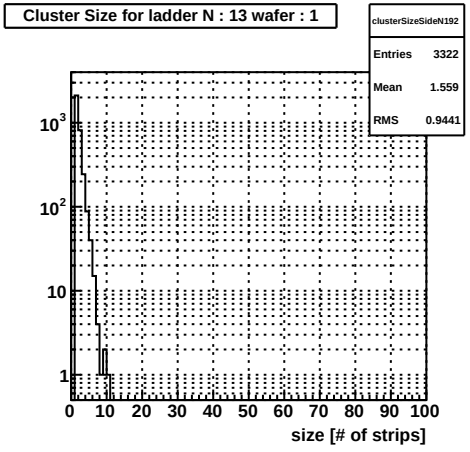

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3654
Mean 1.586
RMS 0.9255
size [# of strips]

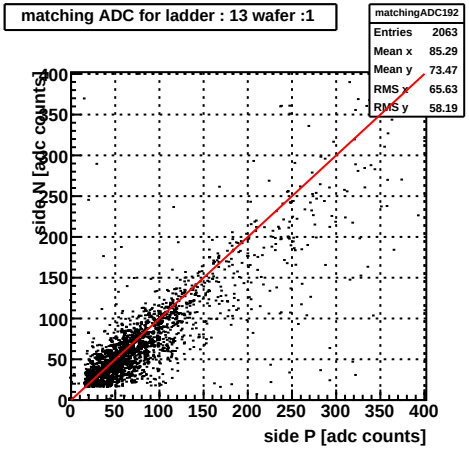

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 394
Mean x 67.93
Mean y 77.18
RMS x 55.23
RMS y 63.39
side N [adc counts]
side P [adc counts]

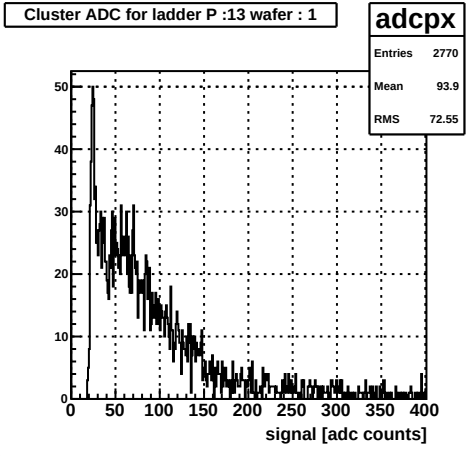

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10681
Mean 28.09
RMS 19.12
signal [adc counts]

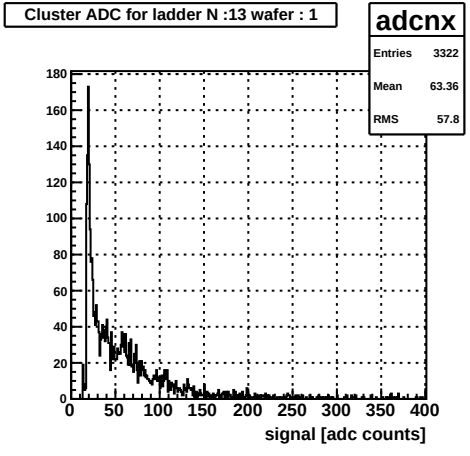

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3654
Mean 62.2
RMS 57.69
signal [adc counts]

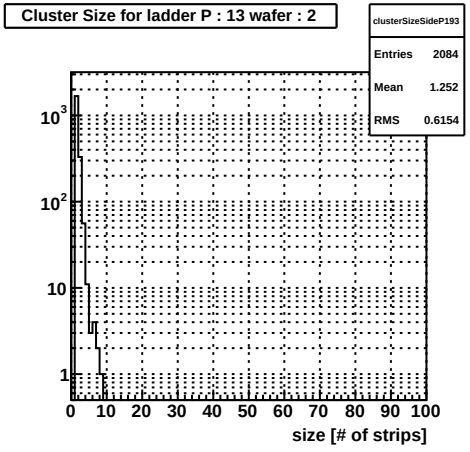

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2770
Mean 1.449
RMS 0.744
size [# of strips]

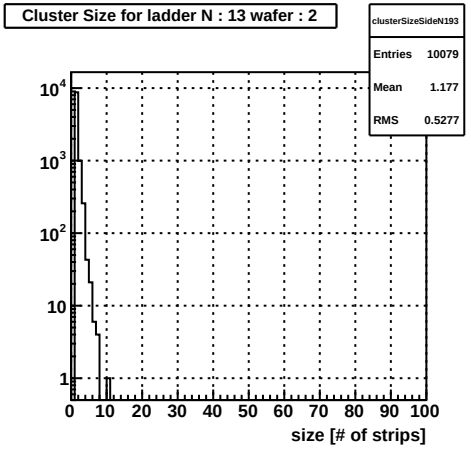

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3322
Mean 1.559
RMS 0.9441
size [# of strips]

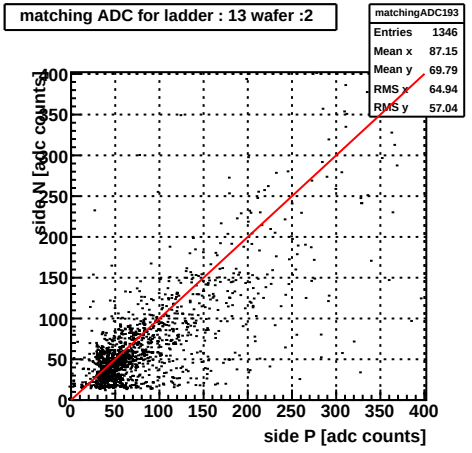

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2063
Mean x 85.29
Mean y 73.47
RMS x 65.63
RMS y 58.19
side N [adc counts]
side P [adc counts]

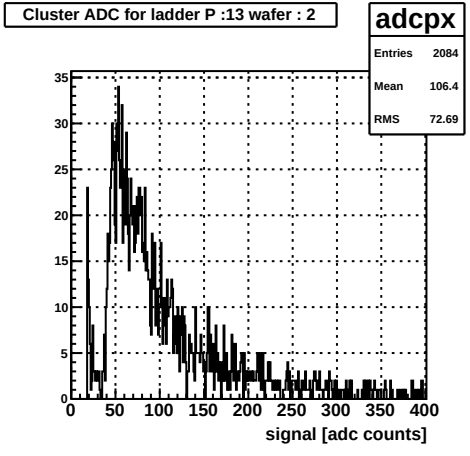

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2770
Mean 93.9
RMS 72.55
signal [adc counts]

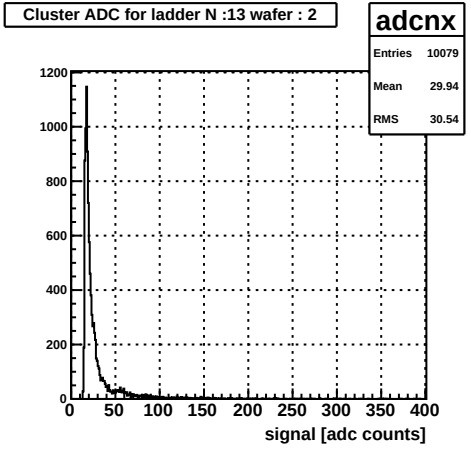

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3322
Mean 63.36
RMS 57.8
signal [adc counts]

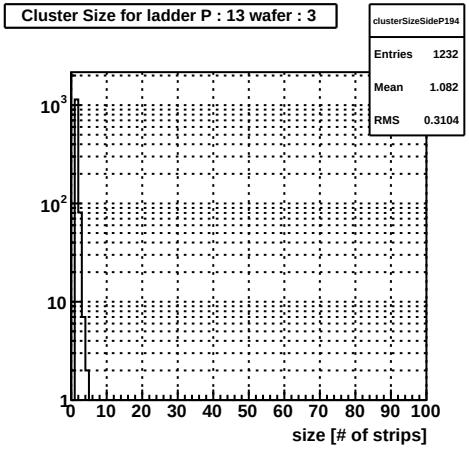

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2084
Mean 1.252
RMS 0.6154
size [# of strips]

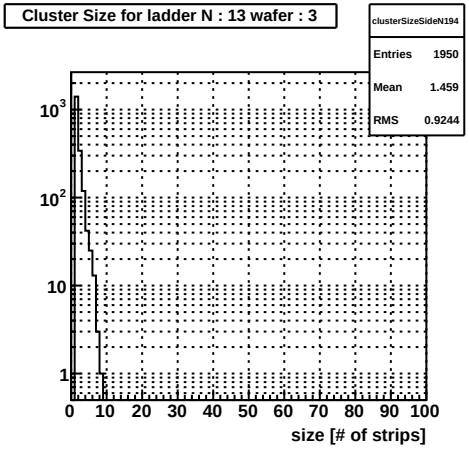

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10079
Mean 1.177
RMS 0.5277
size [# of strips]

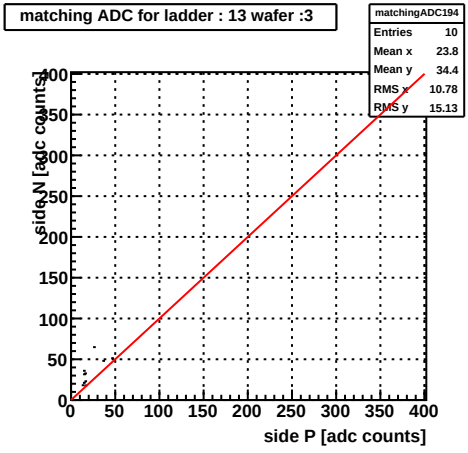

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1346
Mean x 87.15
Mean y 69.79
RMS x 64.94
RMS y 57.04
side N [adc counts]
side P [adc counts]

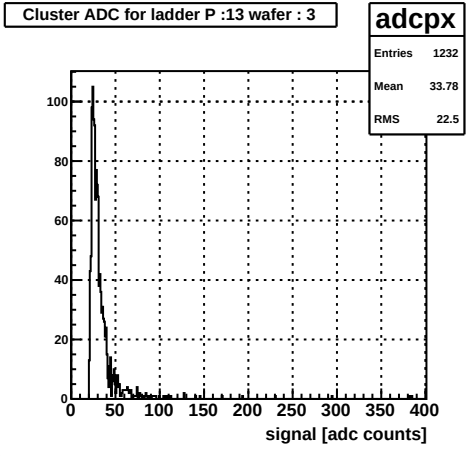

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2084
Mean 106.4
RMS 72.69
signal [adc counts]

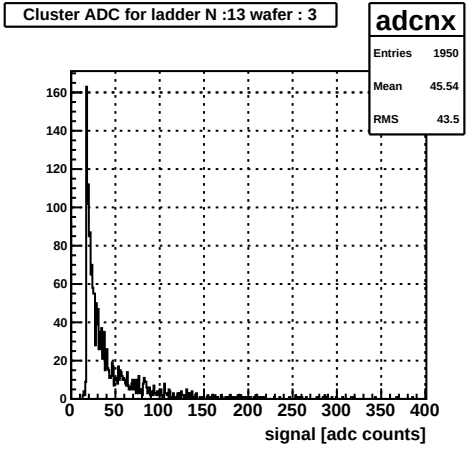

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10079
Mean 29.94
RMS 30.54
signal [adc counts]

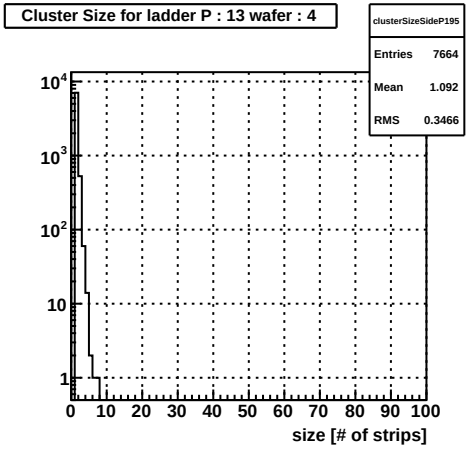

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1232
Mean 1.082
RMS 0.3104
size [# of strips]

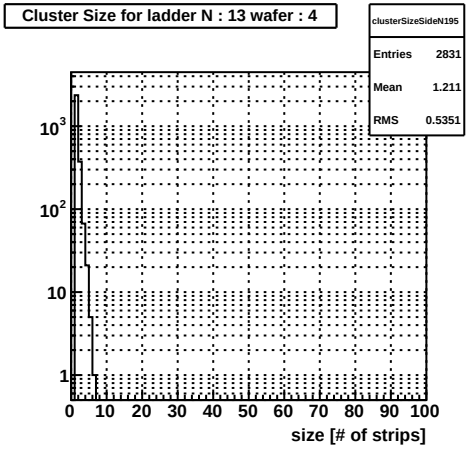

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1950
Mean 1.459
RMS 0.9244
size [# of strips]

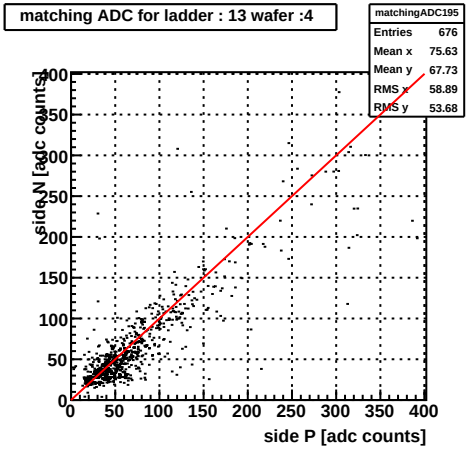

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 10
Mean x 23.8
Mean y 34.4
RMS x 10.78
RMS y 15.13
side N [adc counts]
side P [adc counts]

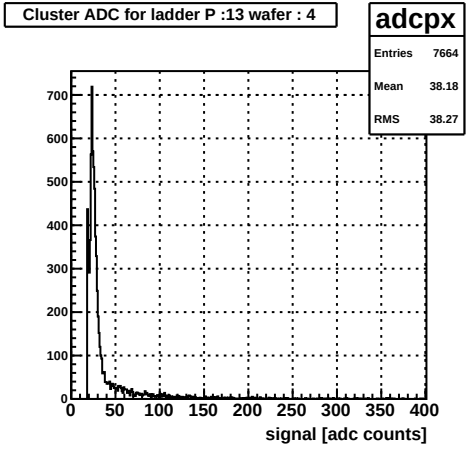

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1232
Mean 33.78
RMS 22.5
signal [adc counts]

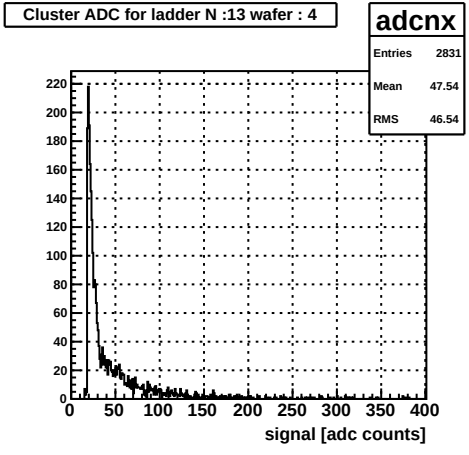

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1950
Mean 45.54
RMS 43.5
signal [adc counts]

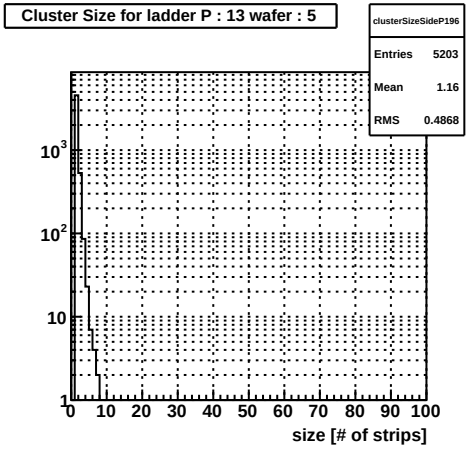

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7664
Mean 1.092
RMS 0.3466
size [# of strips]

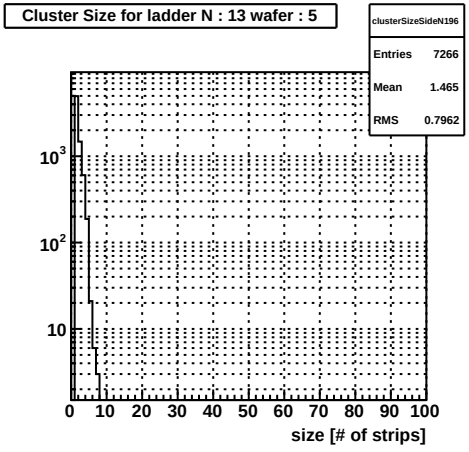

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2831
Mean 1.211
RMS 0.5351
size [# of strips]

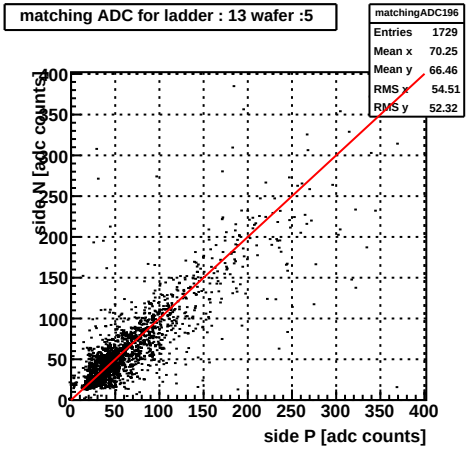

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 676
Mean x 75.63
Mean y 67.73
RMS x 58.89
RMS y 53.68
side N [adc counts]
side P [adc counts]

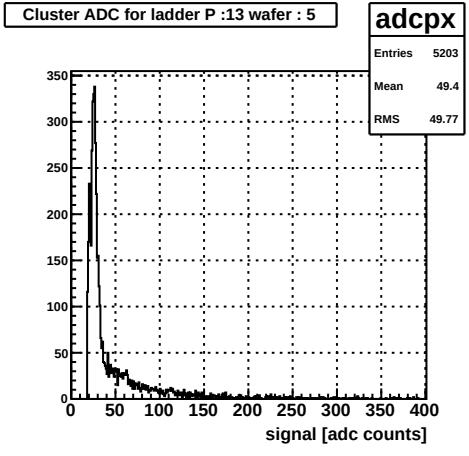

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7664
Mean 38.18
RMS 38.27
signal [adc counts]

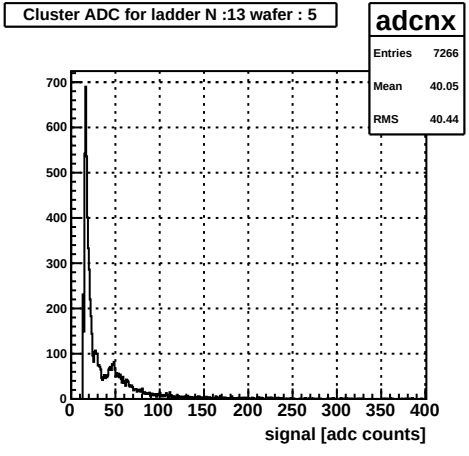

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2831
Mean 47.54
RMS 46.54
signal [adc counts]

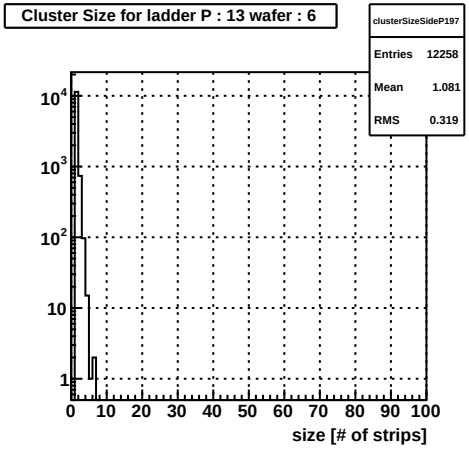

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5203
Mean 1.16
RMS 0.4868
size [# of strips]

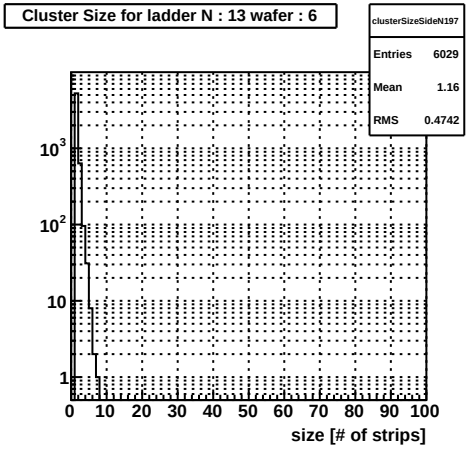

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7266
Mean 1.465
RMS 0.7962
size [# of strips]

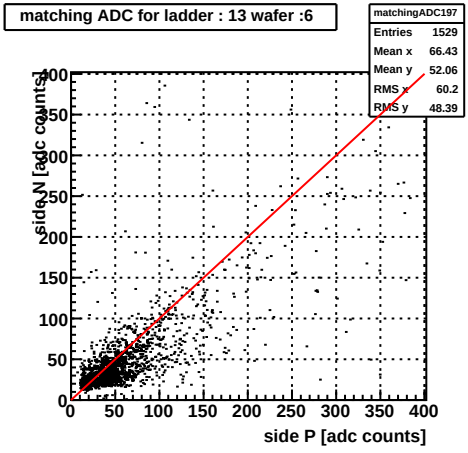

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1729
Mean x 70.25
Mean y 66.46
RMS x 54.51
RMS y 52.32
side N [adc counts]
side P [adc counts]

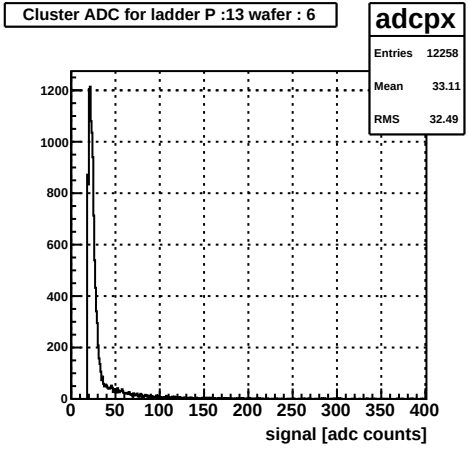

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5203
Mean 49.4
RMS 49.77
signal [adc counts]

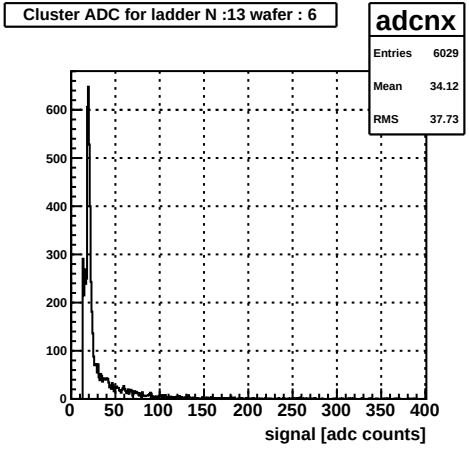

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7266
Mean 40.05
RMS 40.44
signal [adc counts]

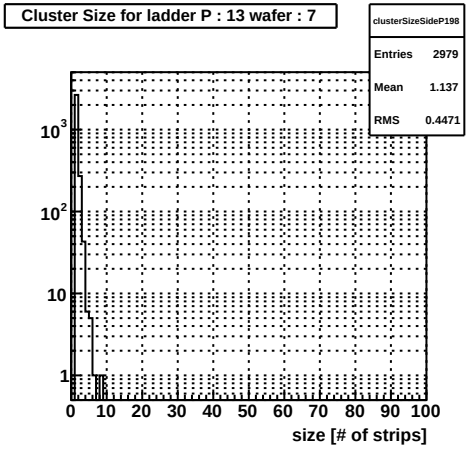

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12258
Mean 1.081
RMS 0.319
size [# of strips]

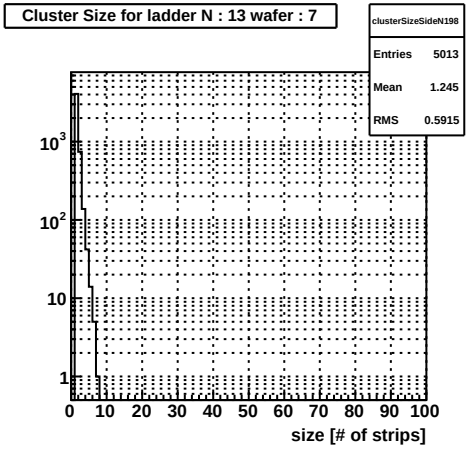

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6029
Mean 1.16
RMS 0.4742
size [# of strips]

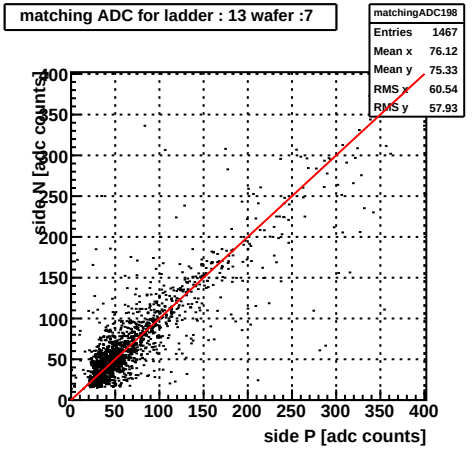

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1529
Mean x 66.43
Mean y 52.06
RMS x 60.2
RMS y 48.39
side N [adc counts]
side P [adc counts]

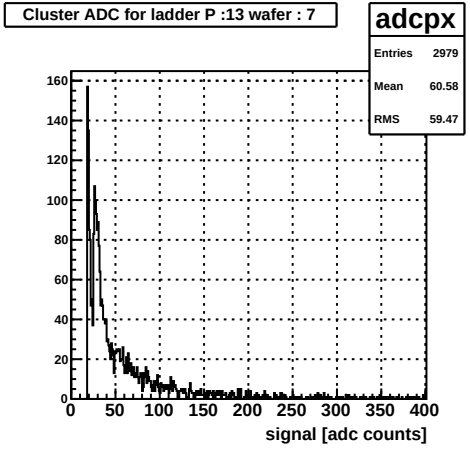

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12258
Mean 33.11
RMS 32.49
signal [adc counts]

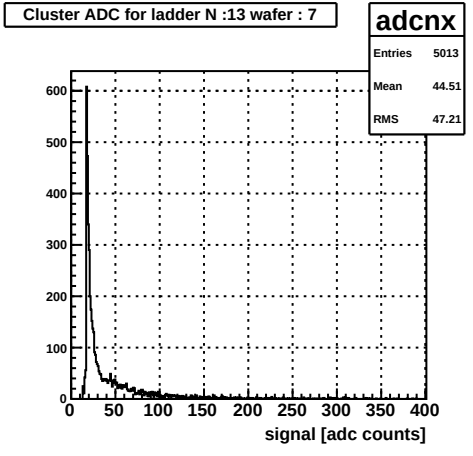

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6029
Mean 34.12
RMS 37.73
signal [adc counts]

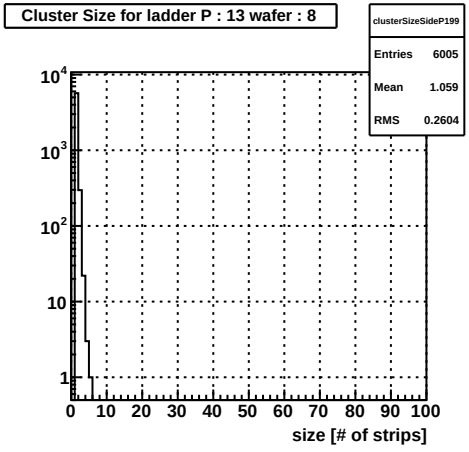

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2979
Mean 1.137
RMS 0.4471
size [# of strips]

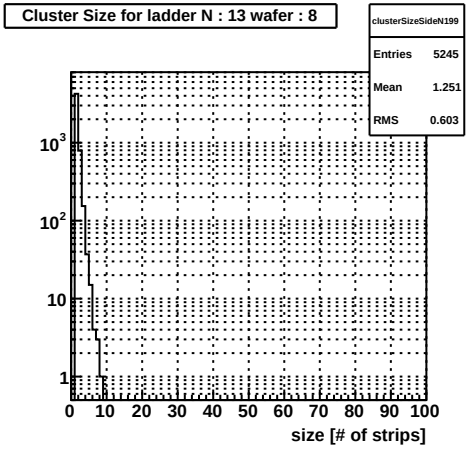

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5013
Mean 1.245
RMS 0.5915
size [# of strips]

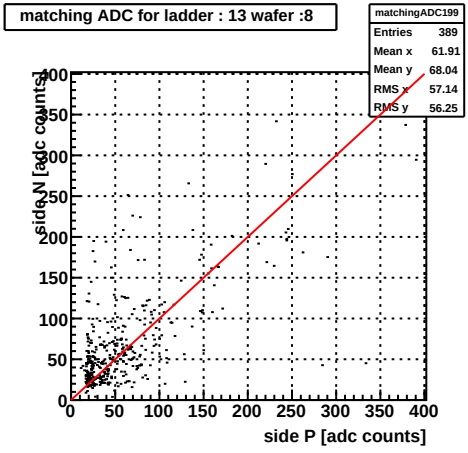

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1467
Mean x 76.12
Mean y 75.33
RMS x 60.54
RMS y 57.93
side N [adc counts]
side P [adc counts]

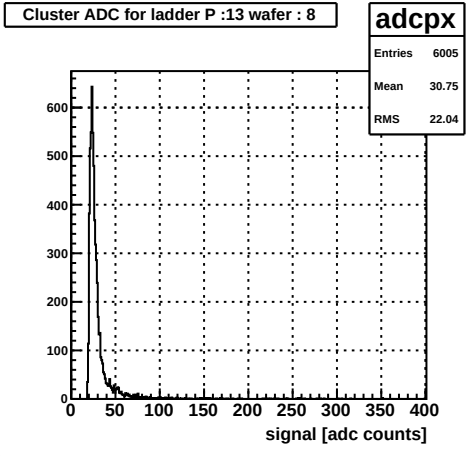

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2979
Mean 60.58
RMS 59.47
signal [adc counts]

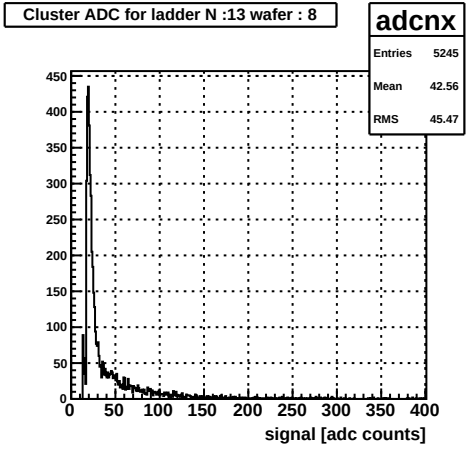

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5013
Mean 44.51
RMS 47.21
signal [adc counts]

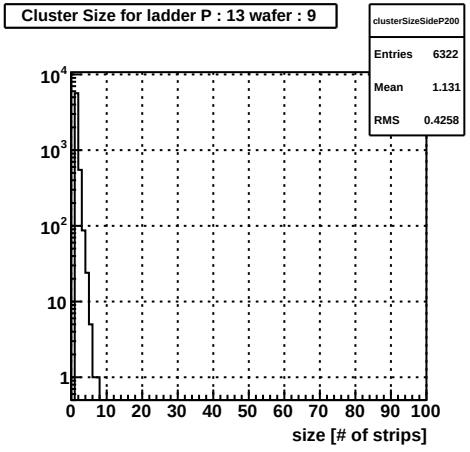

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6005
Mean 1.059
RMS 0.2604
size [# of strips]

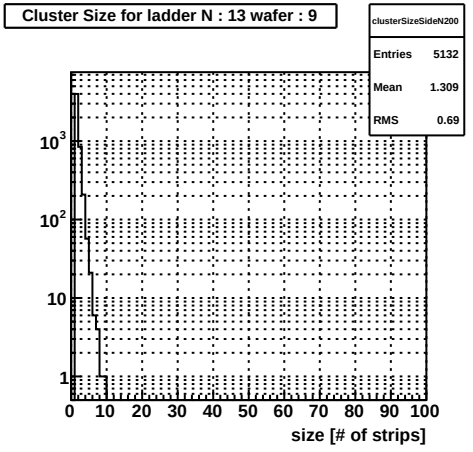

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5245
Mean 1.251
RMS 0.603
size [# of strips]

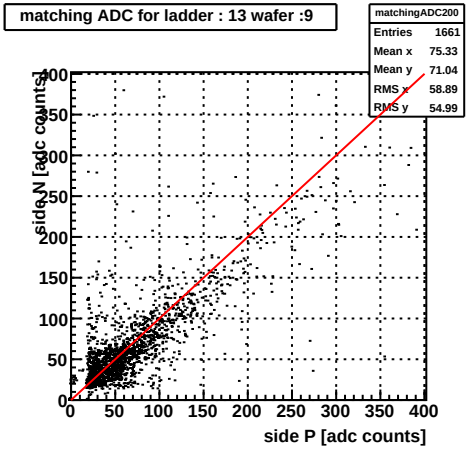

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 389
Mean x 61.91
Mean y 68.04
RMS x 57.14
RMS y 56.25
side N [adc counts]
side P [adc counts]

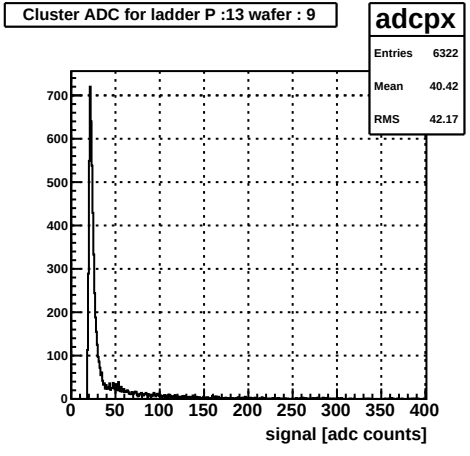

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6005
Mean 30.75
RMS 22.04
signal [adc counts]

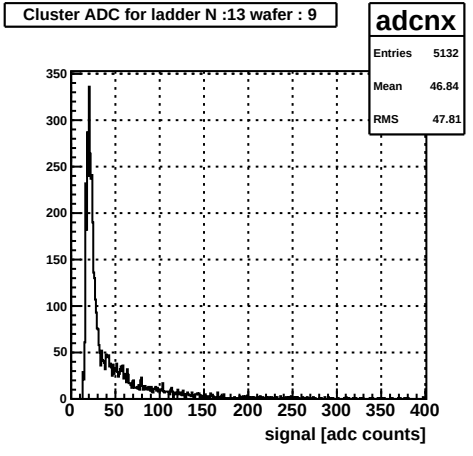

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5245
Mean 42.56
RMS 45.47
signal [adc counts]

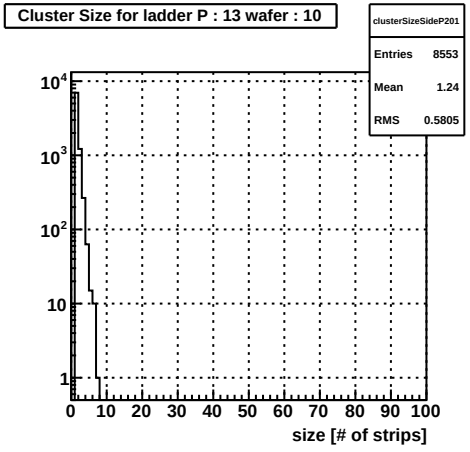

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6322
Mean 1.131
RMS 0.4258
size [# of strips]

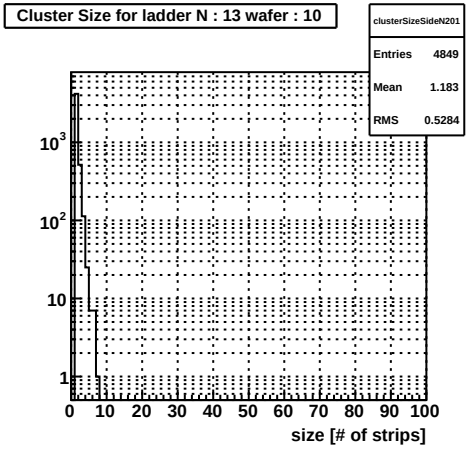

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5132
Mean 1.309
RMS 0.69
size [# of strips]

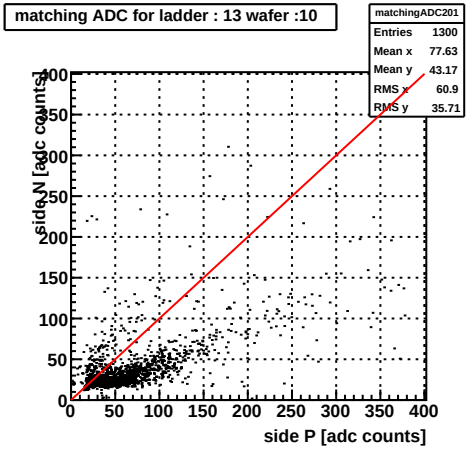

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1661
Mean x 75.33
Mean y 71.04
RMS x 58.89
RMS y 54.99
side N [adc counts]
side P [adc counts]

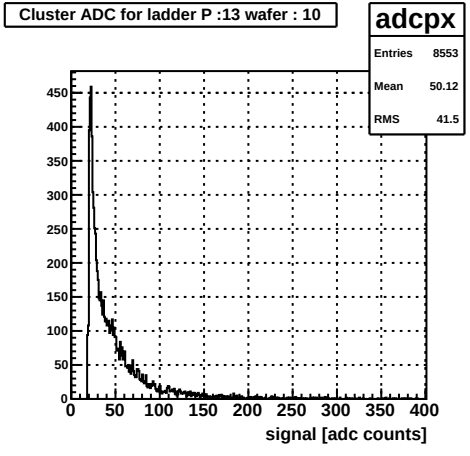

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6322
Mean 40.42
RMS 42.17
signal [adc counts]

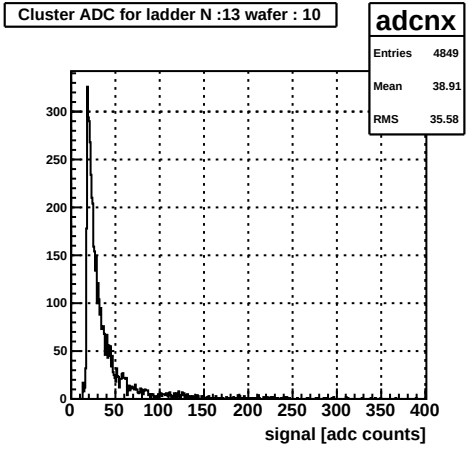

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5132
Mean 46.84
RMS 47.81
signal [adc counts]

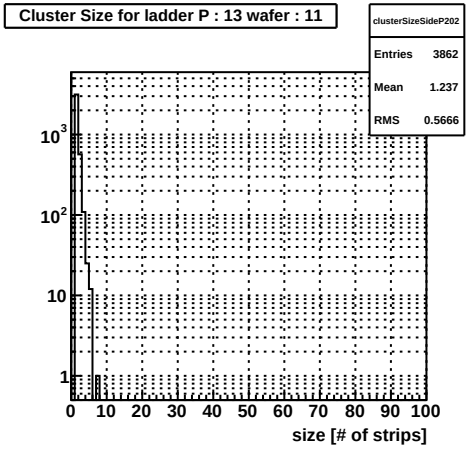

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8553
Mean 1.24
RMS 0.5805
size [# of strips]

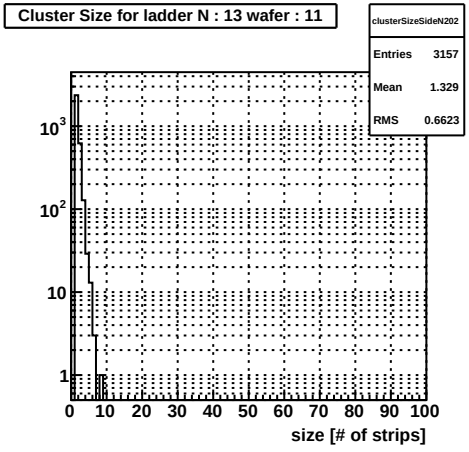

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4849
Mean 1.183
RMS 0.5284
size [# of strips]

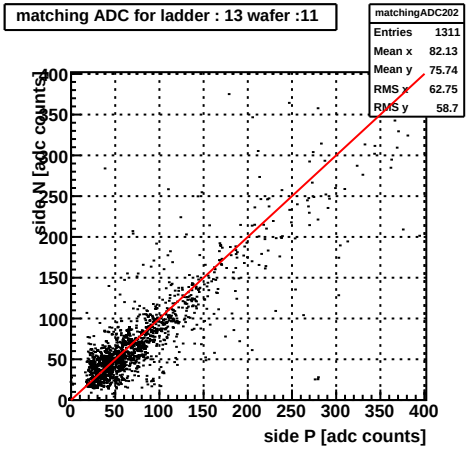

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1300
Mean x 77.63
Mean y 43.17
RMS x 60.9
RMS y 35.71
side N [adc counts]
side P [adc counts]

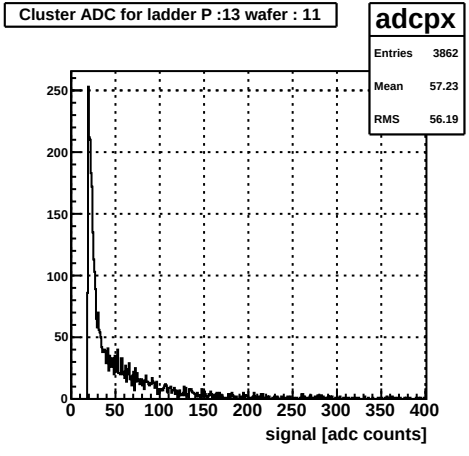

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8553
Mean 50.12
RMS 41.5
signal [adc counts]

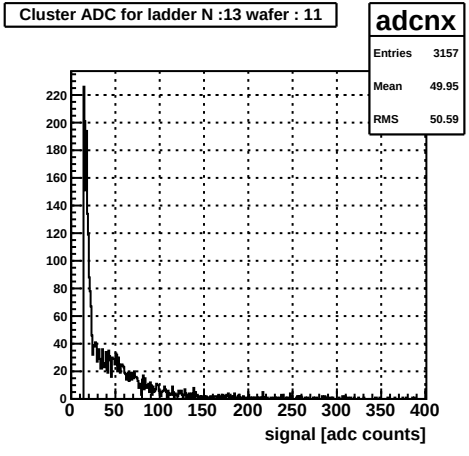

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4849
Mean 38.91
RMS 35.58
signal [adc counts]

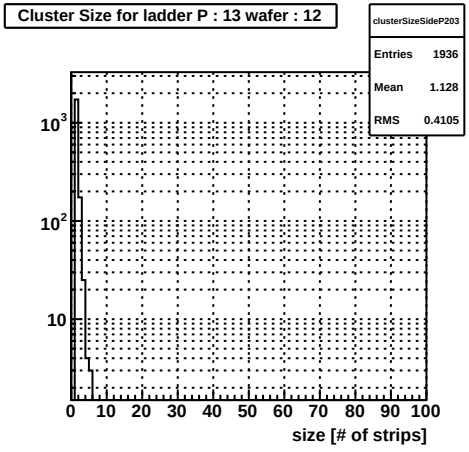

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3862
Mean 1.237
RMS 0.5666
size [# of strips]

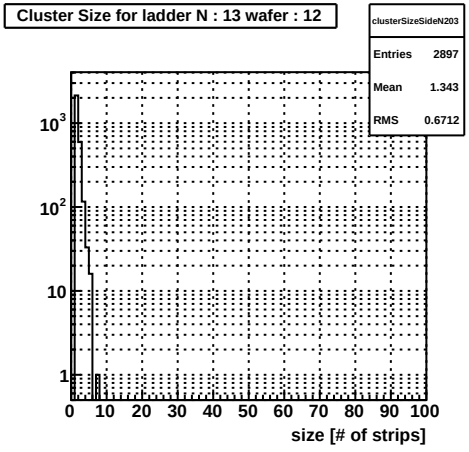

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3157
Mean 1.329
RMS 0.6623
size [# of strips]

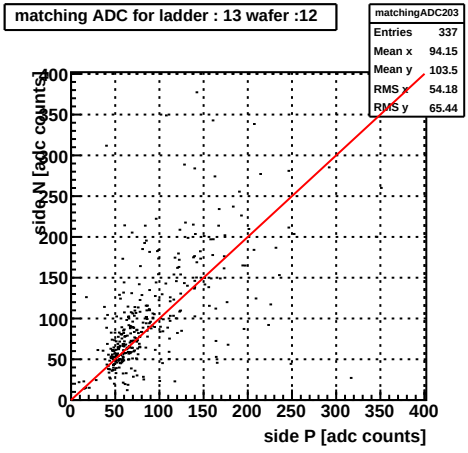

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1311
Mean x 82.13
Mean y 75.74
RMS x 62.75
RMS y 58.7
side N [adc counts]
side P [adc counts]

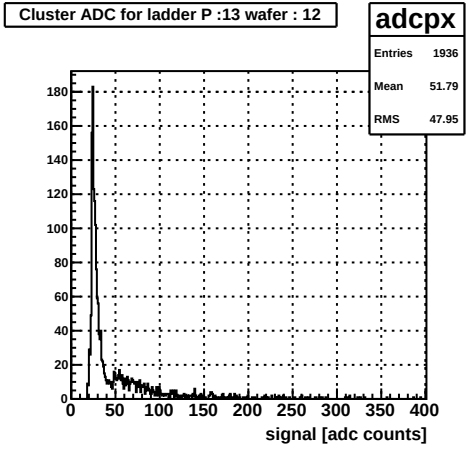

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3862
Mean 57.23
RMS 56.19
signal [adc counts]

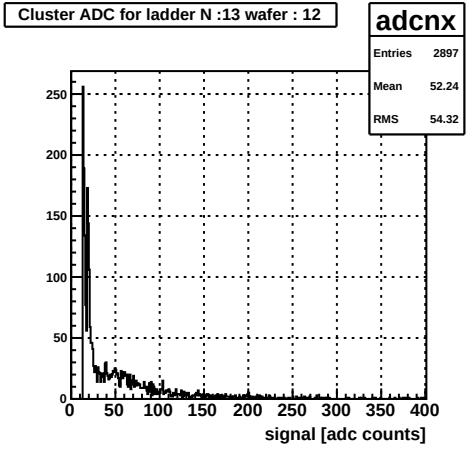

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3157
Mean 49.95
RMS 50.59
signal [adc counts]

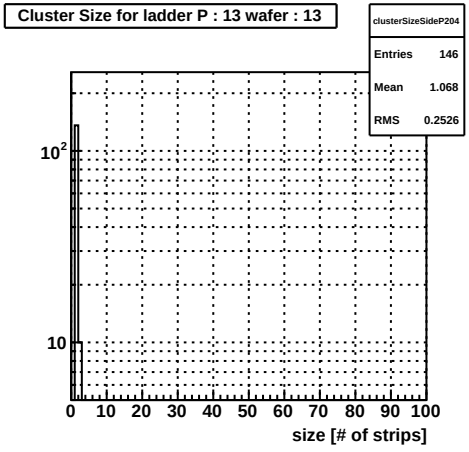

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1936
Mean 1.128
RMS 0.4105
size [# of strips]

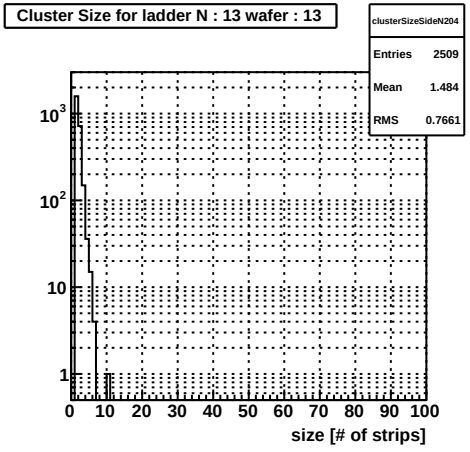

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2897
Mean 1.343
RMS 0.6712
size [# of strips]

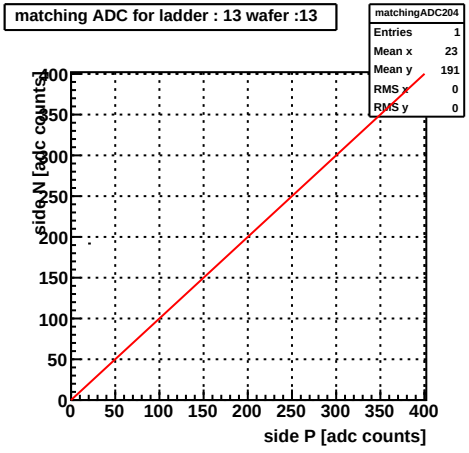

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 337
Mean x 94.15
Mean y 103.5
RMS x 54.18
RMS y 65.44
side N [adc counts]
side P [adc counts]

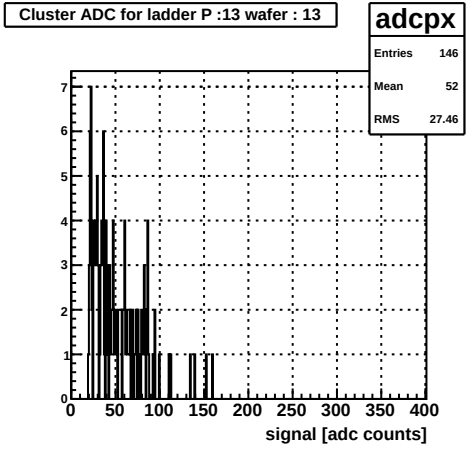

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1936
Mean 51.79
RMS 47.95
signal [adc counts]

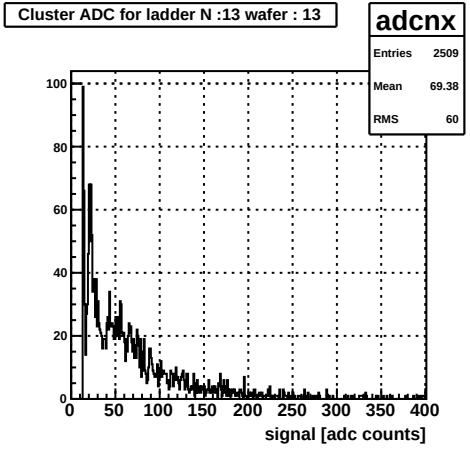

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2897
Mean 52.24
RMS 54.32
signal [adc counts]

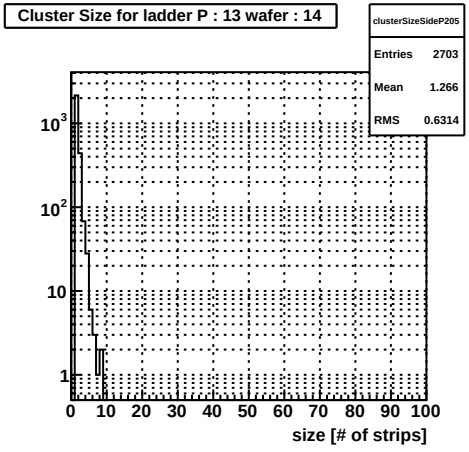

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 146
Mean 1.068
RMS 0.2526
size [# of strips]

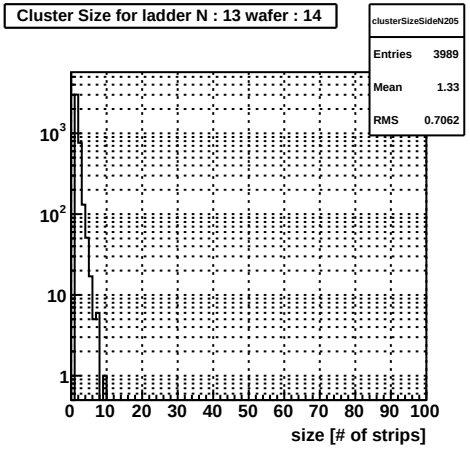

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2509
Mean 1.484
RMS 0.7661
size [# of strips]

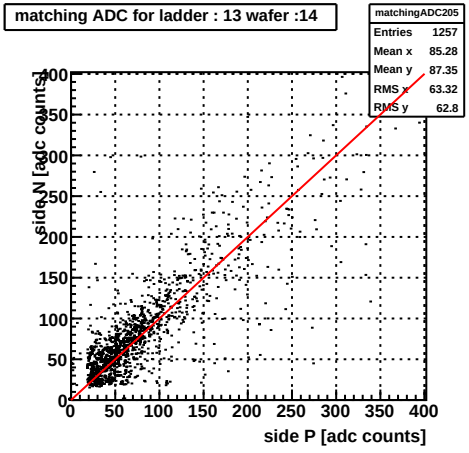

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 23
Mean y 191
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

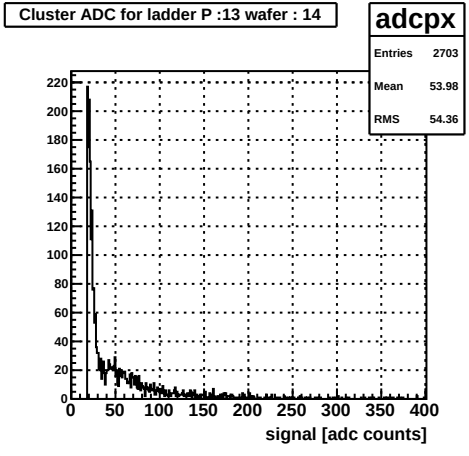

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 146
Mean 52
RMS 27.46
signal [adc counts]

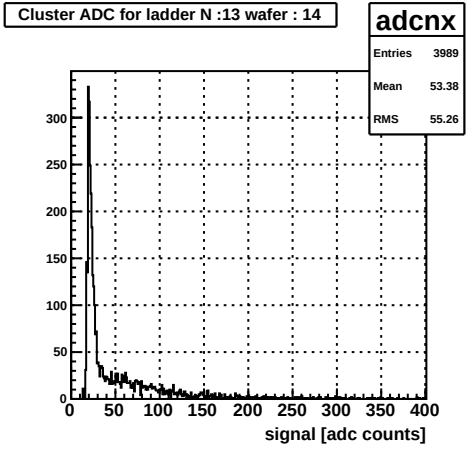

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2509
Mean 69.38
RMS 60
signal [adc counts]

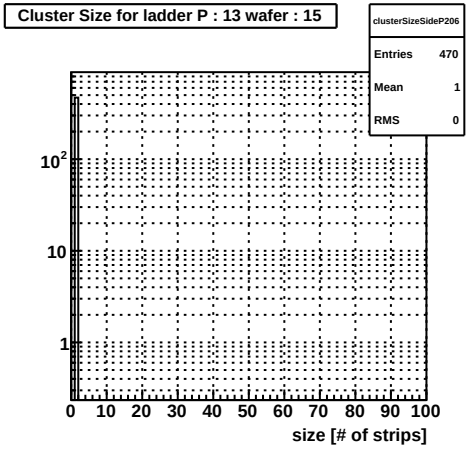

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2703
Mean 1.266
RMS 0.6314
size [# of strips]

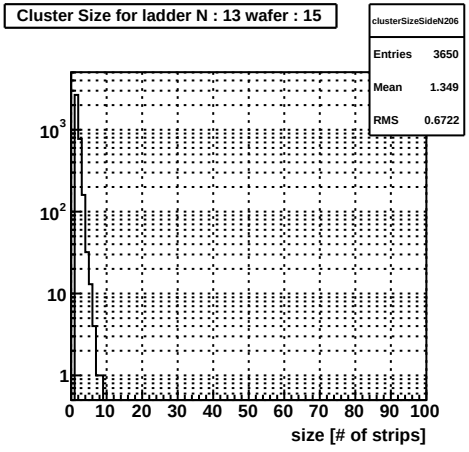

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3989
Mean 1.33
RMS 0.7062
size [# of strips]

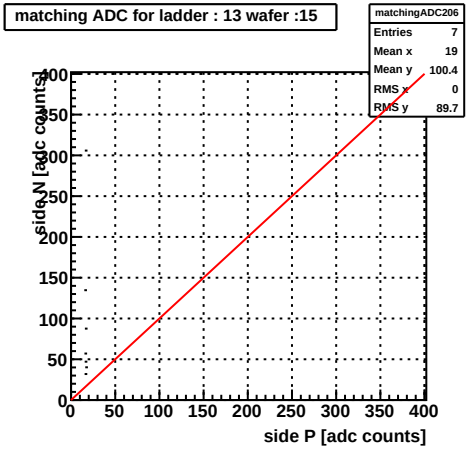

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1257
Mean x 85.28
Mean y 87.35
RMS x 63.32
RMS y 62.8
side N [adc counts]
side P [adc counts]

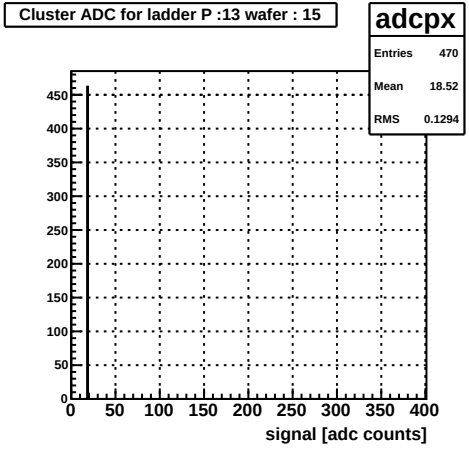

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2703
Mean 53.98
RMS 54.36
signal [adc counts]

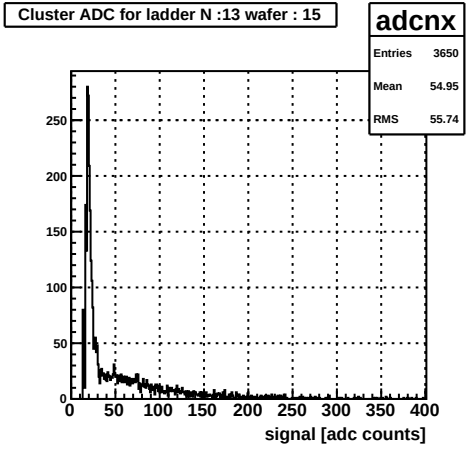

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3989
Mean 53.38
RMS 55.26
signal [adc counts]

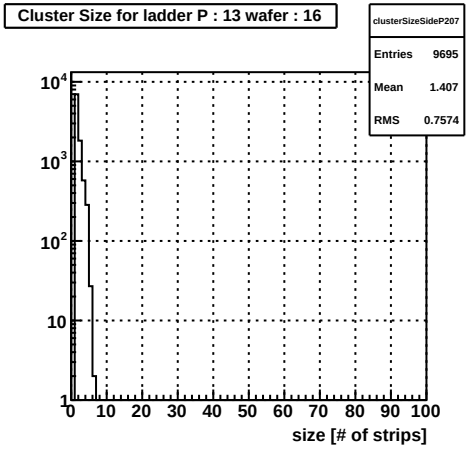

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 470
Mean 1
RMS 0
size [# of strips]

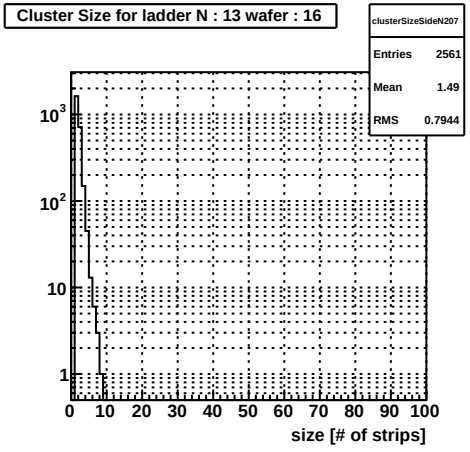

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 3650
Mean 1.349
RMS 0.6722
size [# of strips]

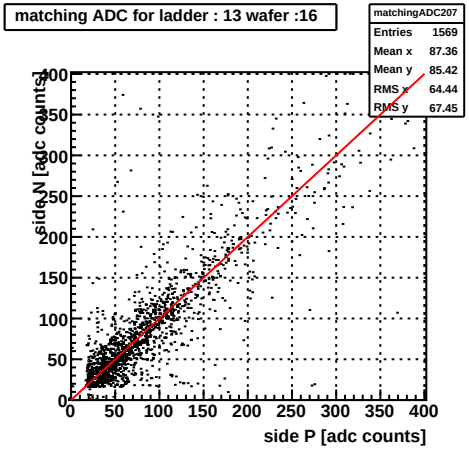

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 7
Mean x 19
Mean y 100.4
RMS x 0
RMS y 89.7
side N [adc counts]
side P [adc counts]

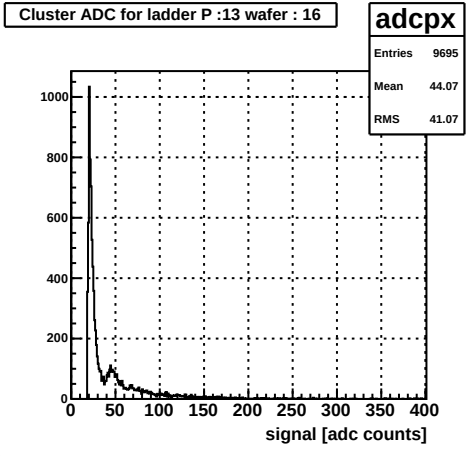

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 470
Mean 18.52
RMS 0.1294
signal [adc counts]

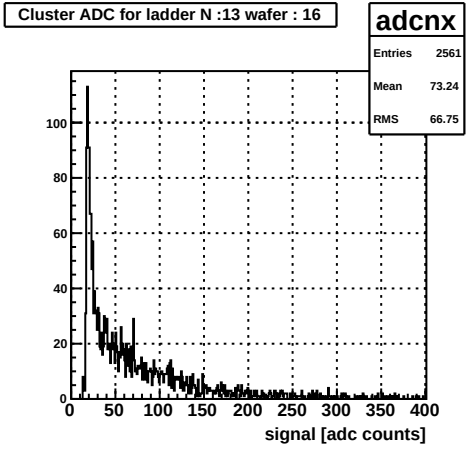

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 3650
Mean 54.95
RMS 55.74
signal [adc counts]

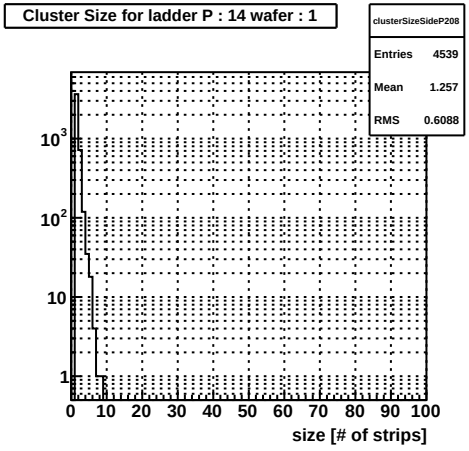

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 9695
Mean 1.407
RMS 0.7574
size [# of strips]

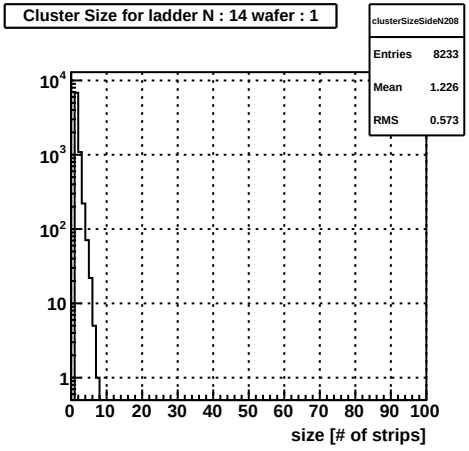

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2561
Mean 1.49
RMS 0.7944
size [# of strips]

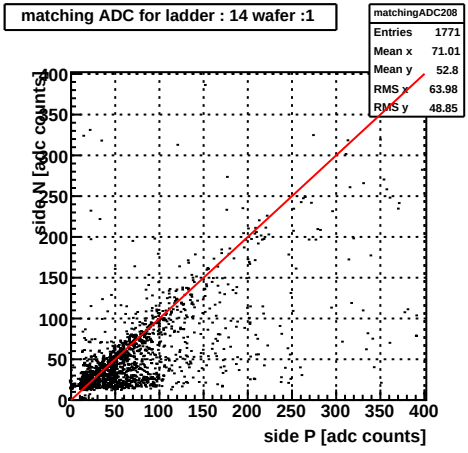

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1569
Mean x 87.36
Mean y 85.42
RMS x 64.44
RMS y 67.45
side N [adc counts]
side P [adc counts]

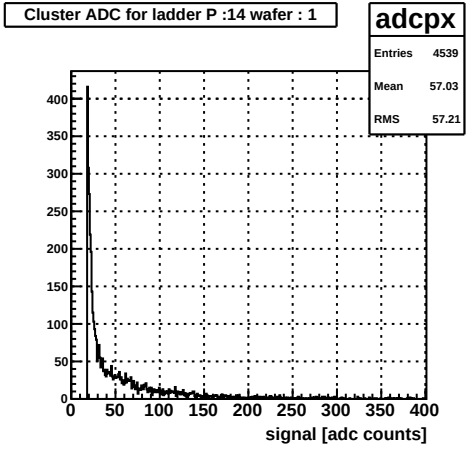

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 9695
Mean 44.07
RMS 41.07
signal [adc counts]

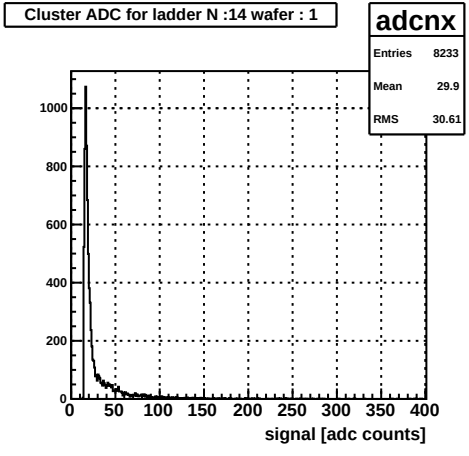

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2561
Mean 73.24
RMS 66.75
signal [adc counts]

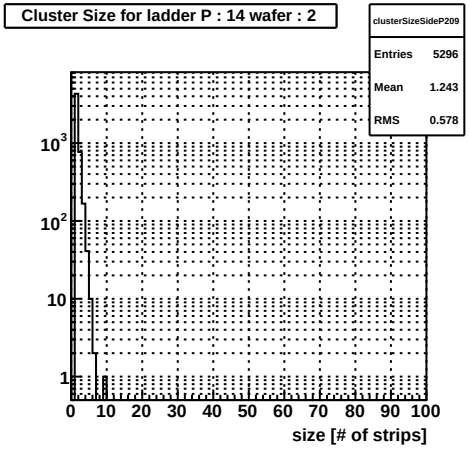

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4539
Mean 1.257
RMS 0.6088
size [# of strips]

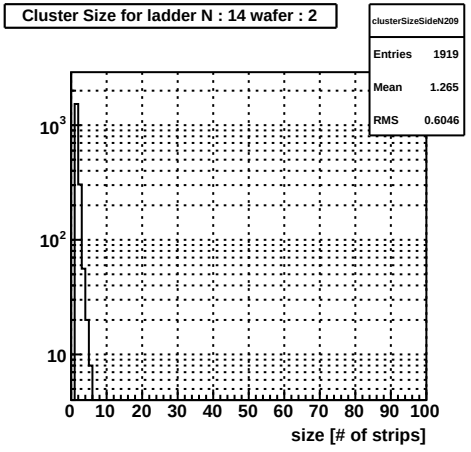

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8233
Mean 1.226
RMS 0.573
size [# of strips]

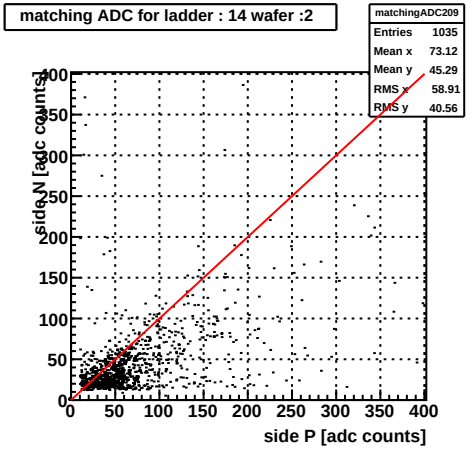

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1771
Mean x 71.01
Mean y 52.8
RMS x 63.98
RMS y 48.85
side N [adc counts]
side P [adc counts]

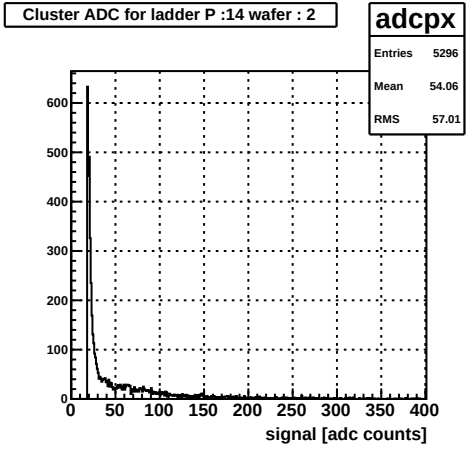

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4539
Mean 57.03
RMS 57.21
signal [adc counts]

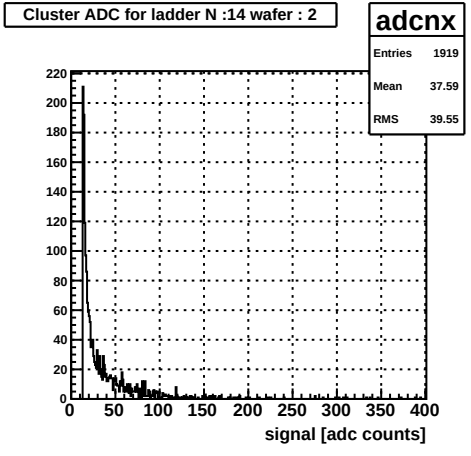

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8233
Mean 29.9
RMS 30.61
signal [adc counts]

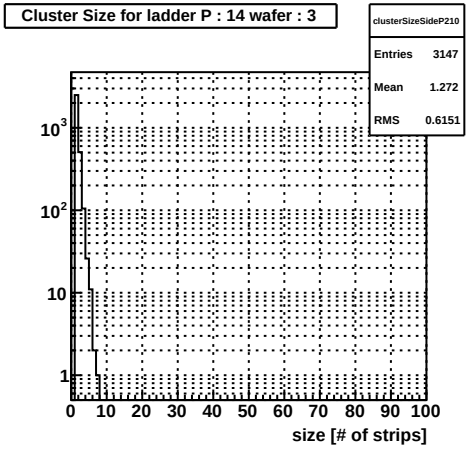

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5296
Mean 1.243
RMS 0.578
size [# of strips]

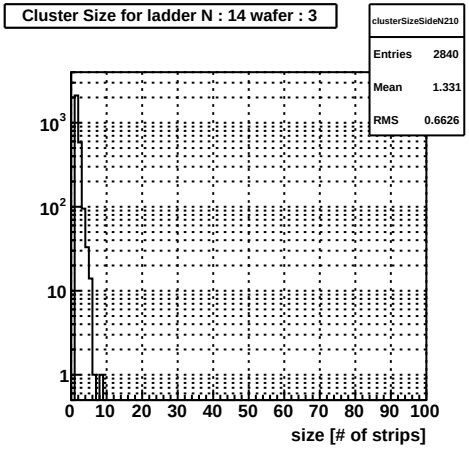

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1919
Mean 1.265
RMS 0.6046
size [# of strips]

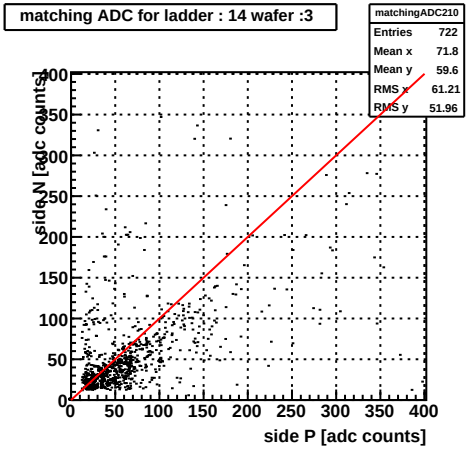

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1035
Mean x 73.12
Mean y 45.29
RMS x 58.91
RMS y 40.56
side N [adc counts]
side P [adc counts]

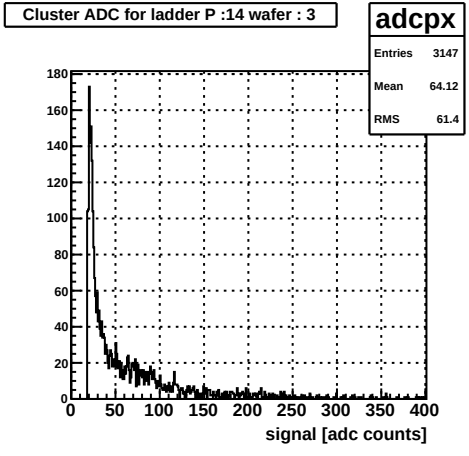

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5296
Mean 54.06
RMS 57.01
signal [adc counts]

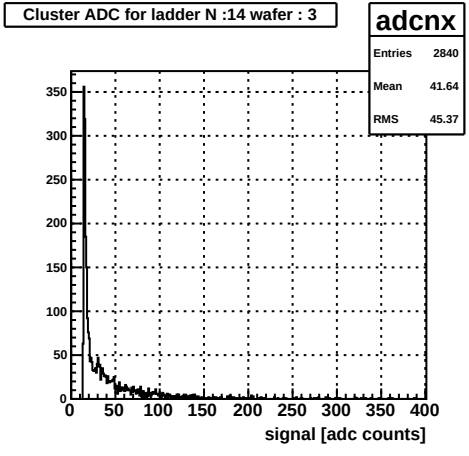

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1919
Mean 37.59
RMS 39.55
signal [adc counts]

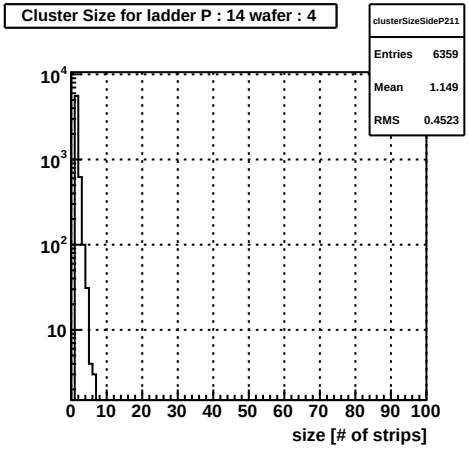

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3147
Mean 1.272
RMS 0.6151
size [# of strips]

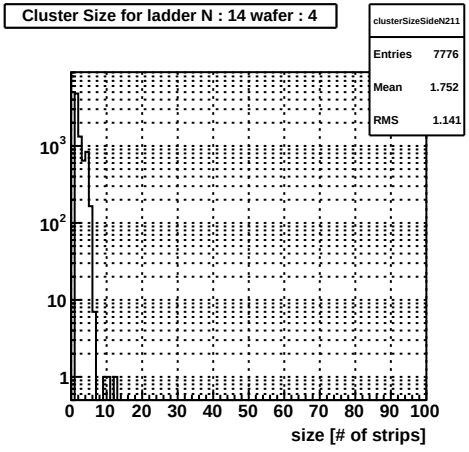

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2840
Mean 1.331
RMS 0.6626
size [# of strips]

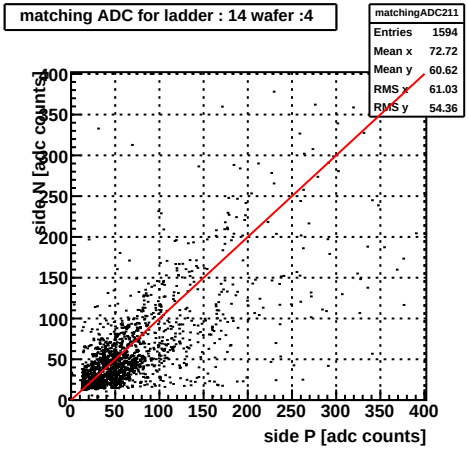

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 722
Mean x 71.8
Mean y 59.6
RMS x 61.21
RMS y 51.96
side N [adc counts]
side P [adc counts]

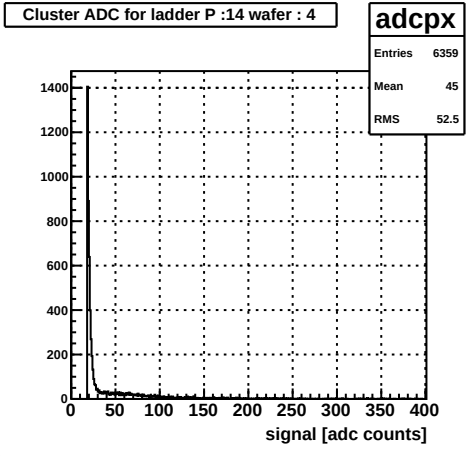

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3147
Mean 64.12
RMS 61.4
signal [adc counts]

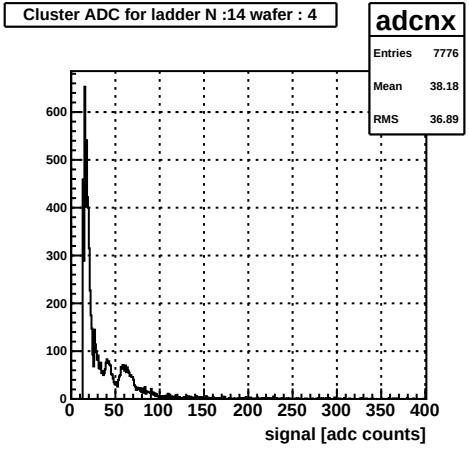

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2840
Mean 41.64
RMS 45.37
signal [adc counts]

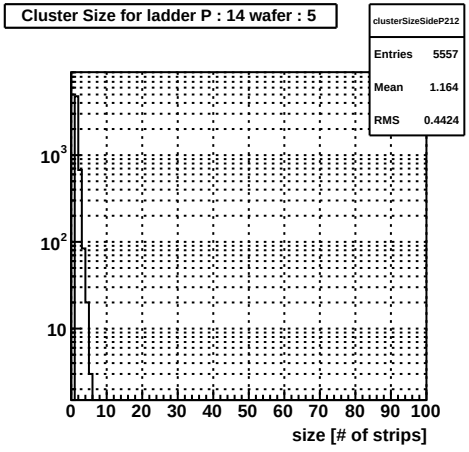

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6359
Mean 1.149
RMS 0.4523
size [# of strips]

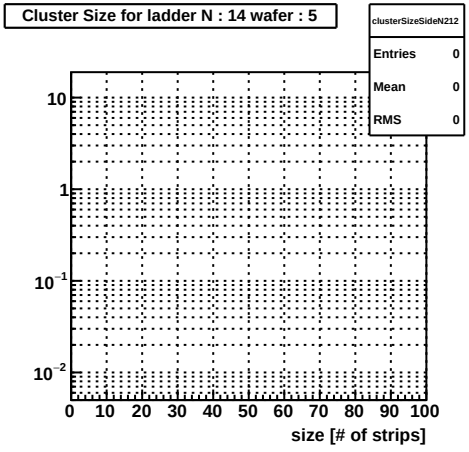

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7776
Mean 1.752
RMS 1.141
size [# of strips]

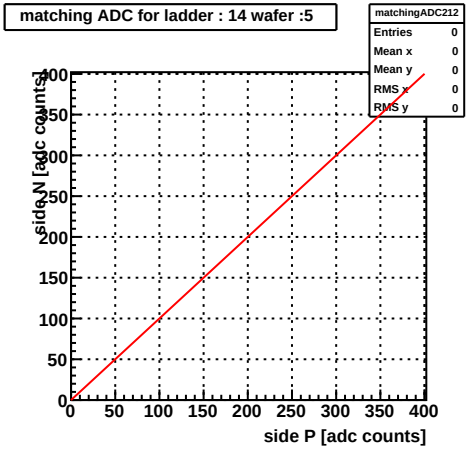

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1594
Mean x 72.72
Mean y 60.62
RMS x 61.03
RMS y 54.36
side N [adc counts]
side P [adc counts]

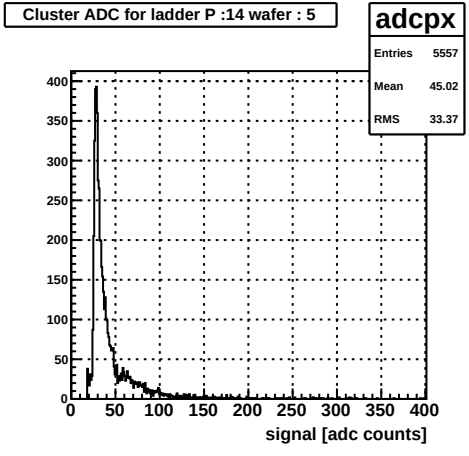

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6359
Mean 45
RMS 52.5
signal [adc counts]

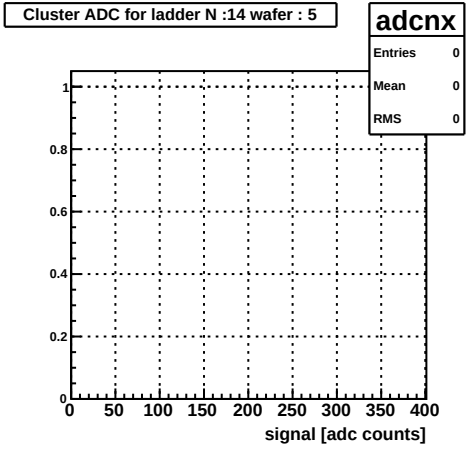

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7776
Mean 38.18
RMS 36.89
signal [adc counts]

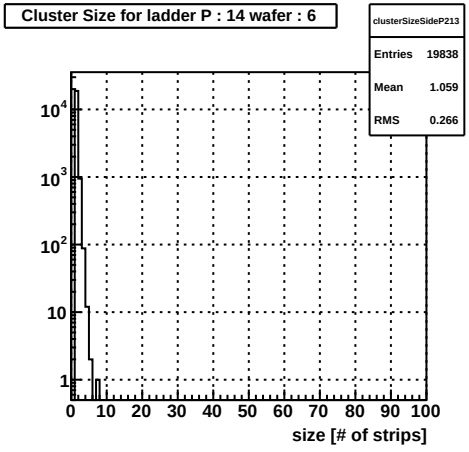

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5557
Mean 1.164
RMS 0.4424
size [# of strips]

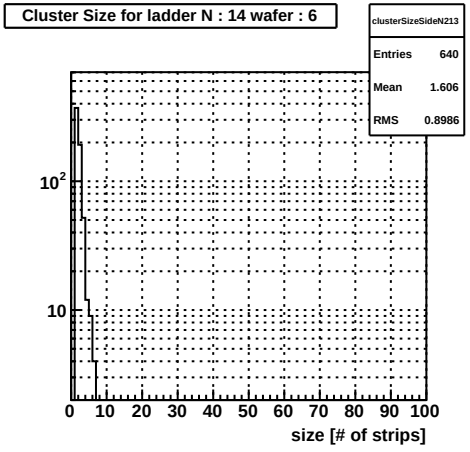

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

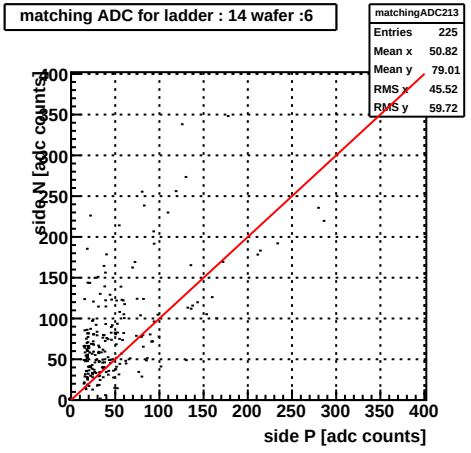

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

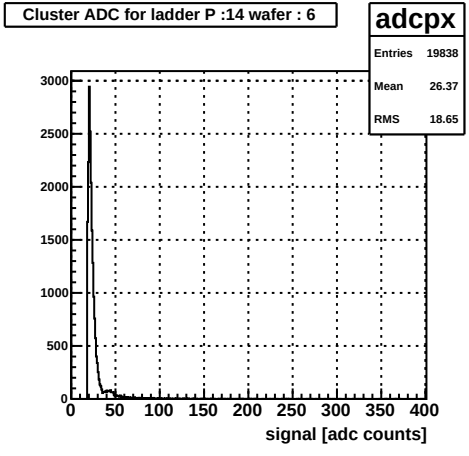

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5557
Mean 45.02
RMS 33.37
signal [adc counts]

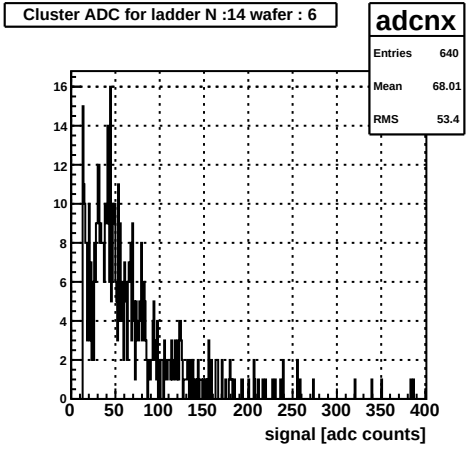

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

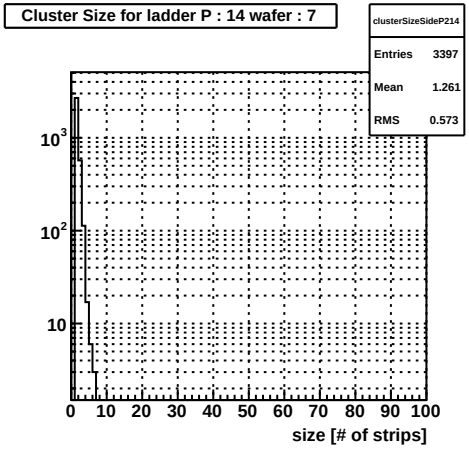

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19838
Mean 1.059
RMS 0.266
size [# of strips]

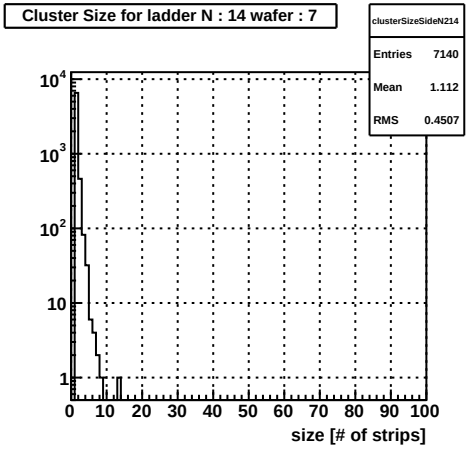

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 640
Mean 1.606
RMS 0.8986
size [# of strips]

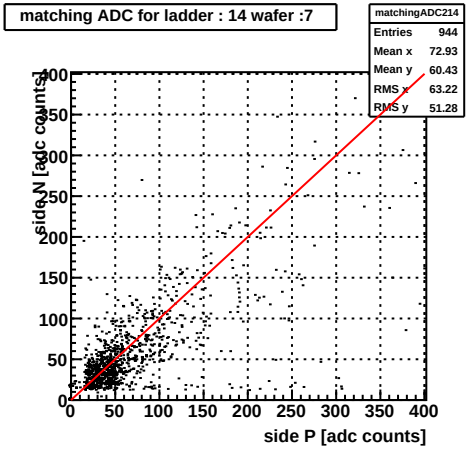

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 225
Mean x 50.82
Mean y 79.01
RMS x 45.52
RMS y 59.72
side N [adc counts]
side P [adc counts]

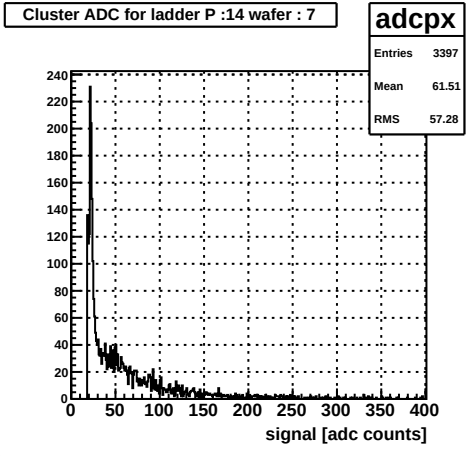

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19838
Mean 26.37
RMS 18.65
signal [adc counts]

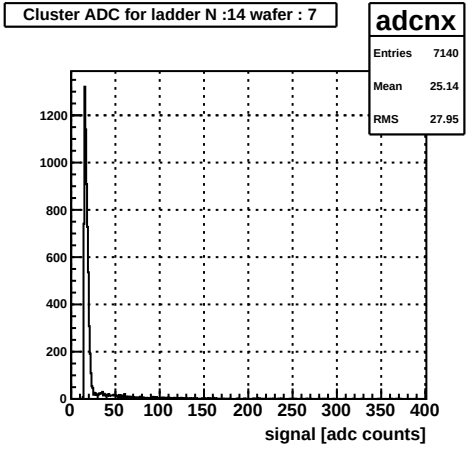

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 640
Mean 68.01
RMS 53.4
signal [adc counts]

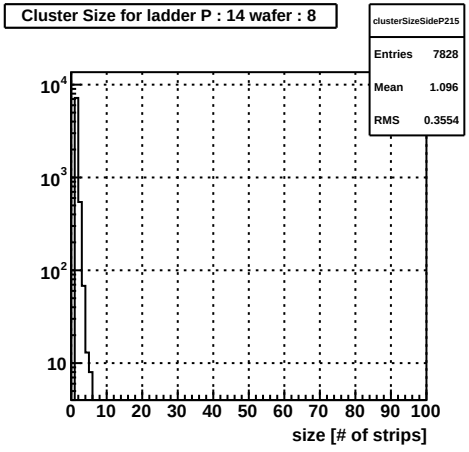

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3397
Mean 1.261
RMS 0.573
size [# of strips]

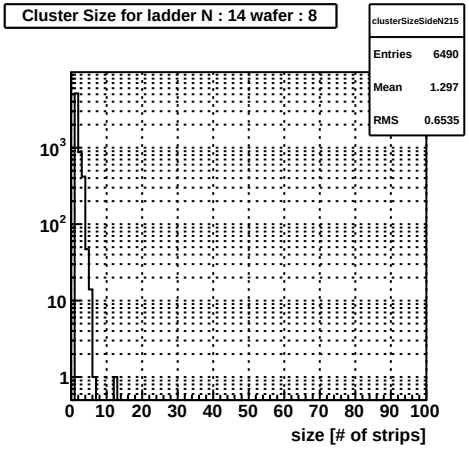

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 7140
Mean 1.112
RMS 0.4507
size [# of strips]

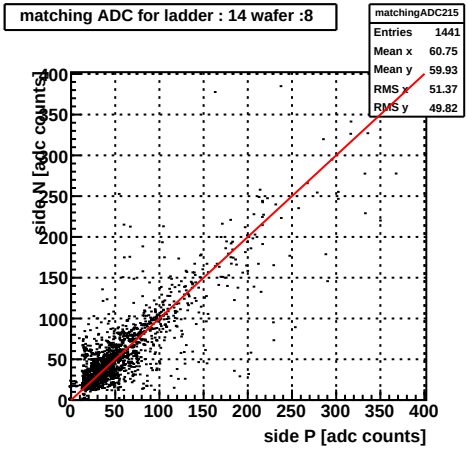

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 944
Mean x 72.93
Mean y 60.43
RMS x 63.22
RMS y 51.28
side N [adc counts]
side P [adc counts]

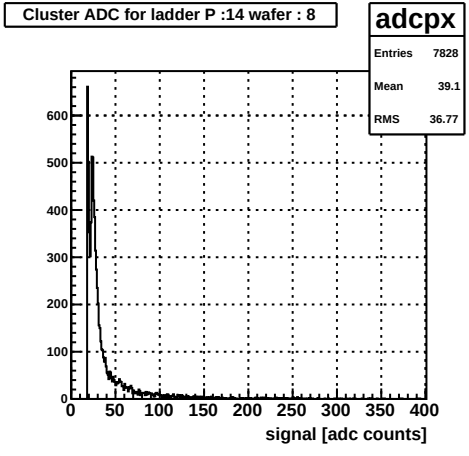

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3397
Mean 61.51
RMS 57.28
signal [adc counts]

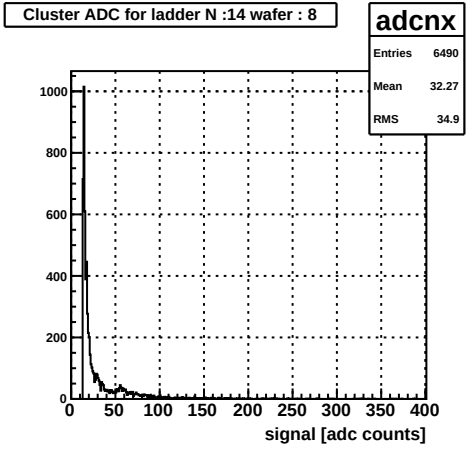

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 7140
Mean 25.14
RMS 27.95
signal [adc counts]

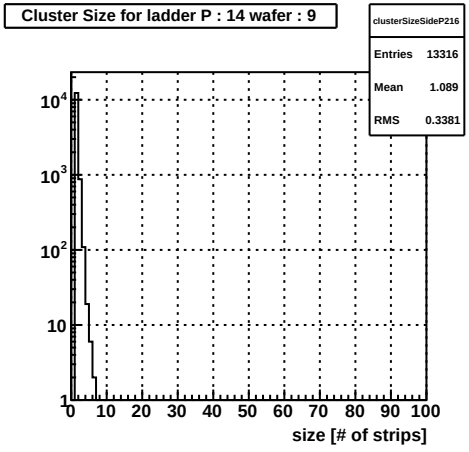

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7828
Mean 1.096
RMS 0.3554
size [# of strips]

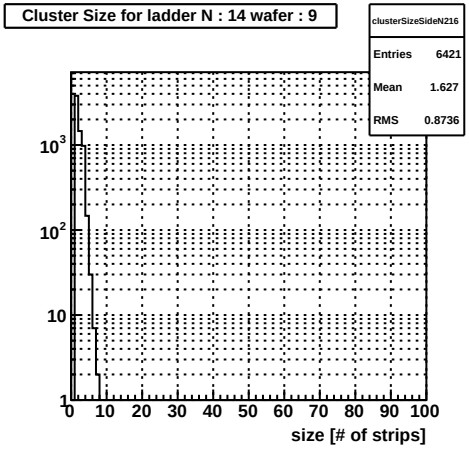

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6490
Mean 1.297
RMS 0.6535
size [# of strips]

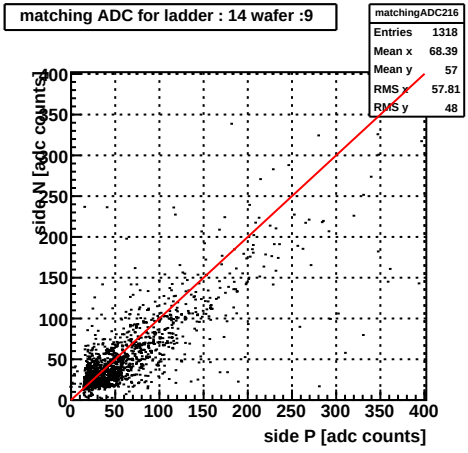

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1441
Mean x 60.75
Mean y 59.93
RMS x 51.37
RMS y 49.82
side N [adc counts]
side P [adc counts]

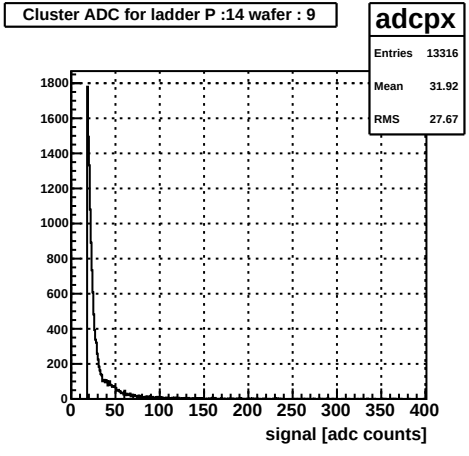

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7828
Mean 39.1
RMS 36.77
signal [adc counts]

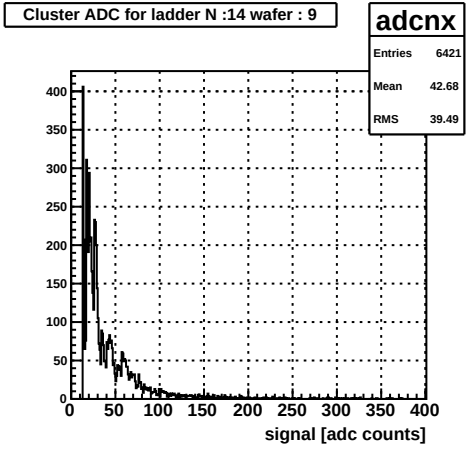

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6490
Mean 32.27
RMS 34.9
signal [adc counts]

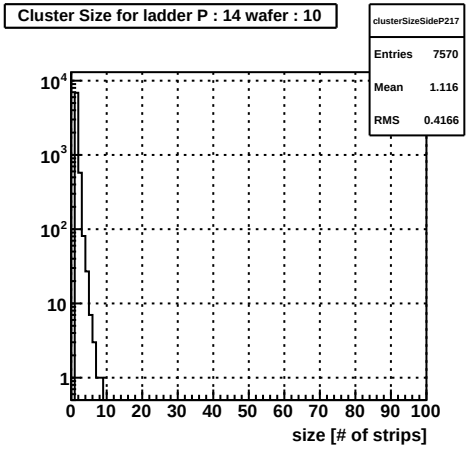

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13316
Mean 1.089
RMS 0.3381
size [# of strips]

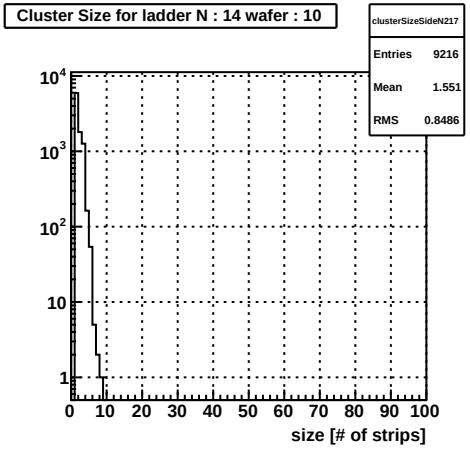

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6421
Mean 1.627
RMS 0.8736
size [# of strips]

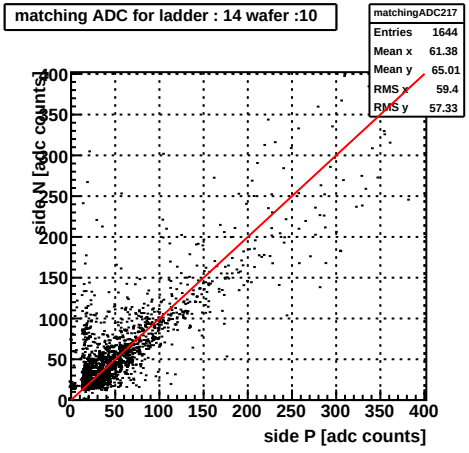

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1318
Mean x 68.39
Mean y 57
RMS x 57.81
RMS y 48
side N [adc counts]
side P [adc counts]

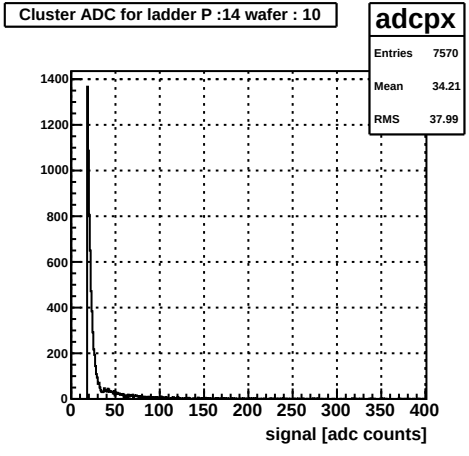

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13316
Mean 31.92
RMS 27.67
signal [adc counts]

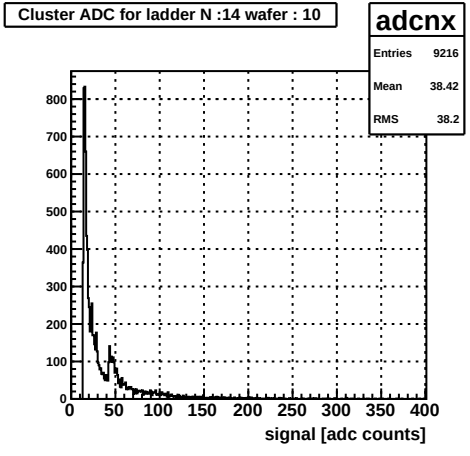

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6421
Mean 42.68
RMS 39.49
signal [adc counts]

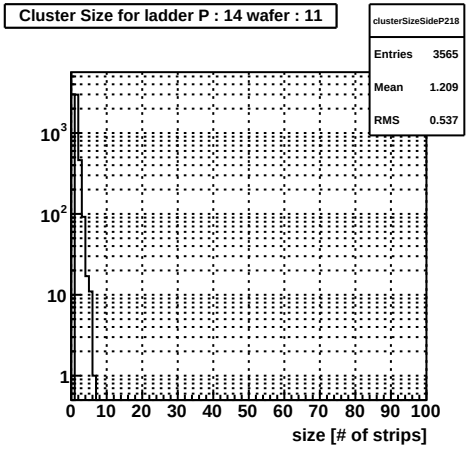

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7570
Mean 1.116
RMS 0.4166
size [# of strips]

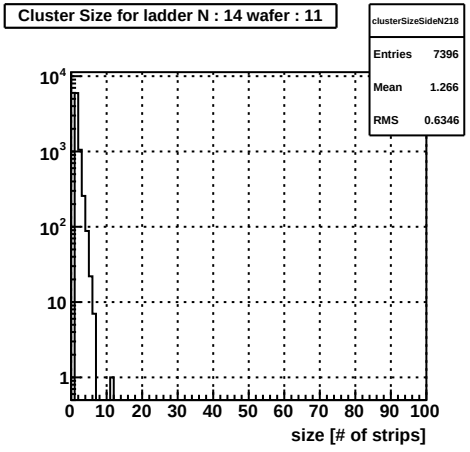

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9216
Mean 1.551
RMS 0.8486
size [# of strips]

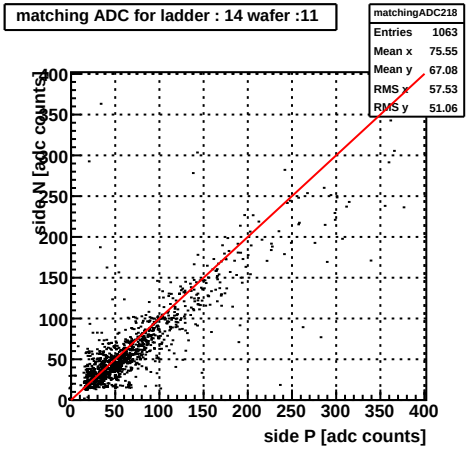

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1644
Mean x 61.38
Mean y 65.01
RMS x 59.4
RMS y 57.33
side N [adc counts]
side P [adc counts]

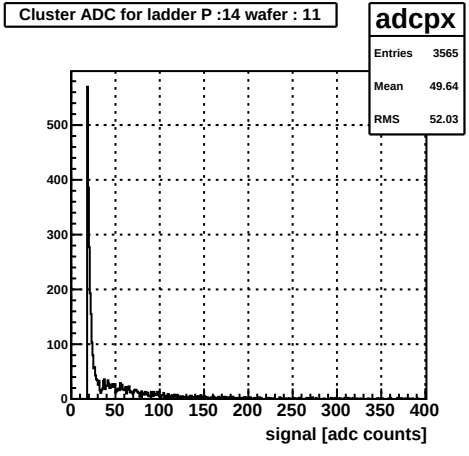

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7570
Mean 34.21
RMS 37.99
signal [adc counts]

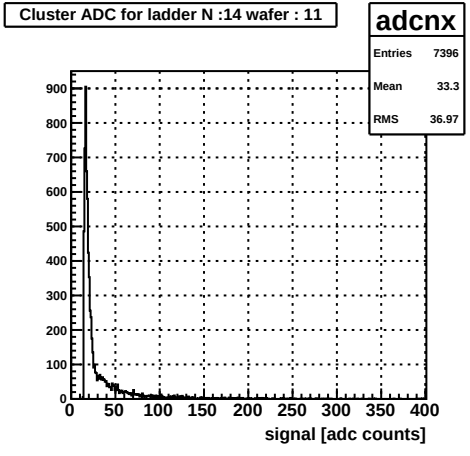

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9216
Mean 38.42
RMS 38.2
signal [adc counts]

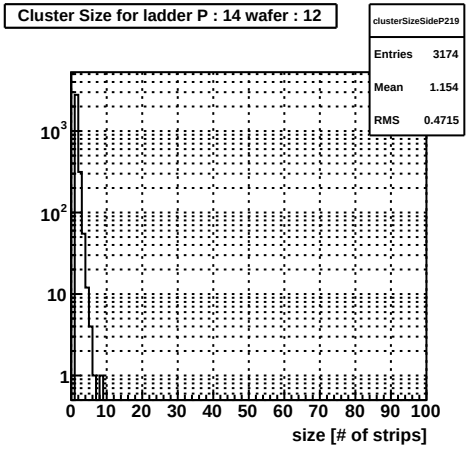

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3565
Mean 1.209
RMS 0.537
size [# of strips]

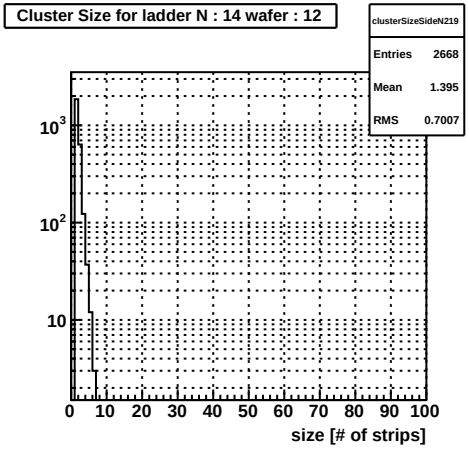

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7396
Mean 1.266
RMS 0.6346
size [# of strips]

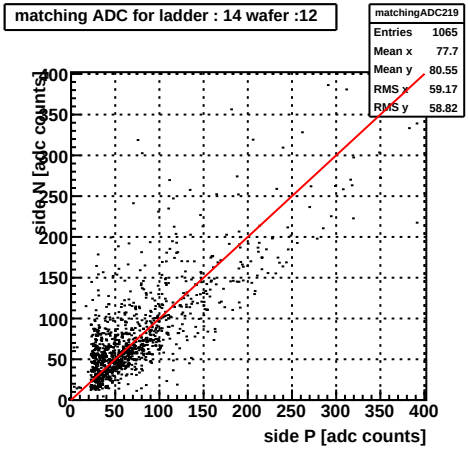

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1063
Mean x 75.55
Mean y 67.08
RMS x 57.53
RMS y 51.06
side N [adc counts]
side P [adc counts]

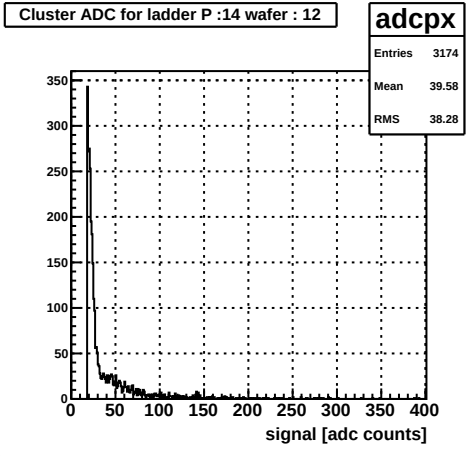

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3565
Mean 49.64
RMS 52.03
signal [adc counts]

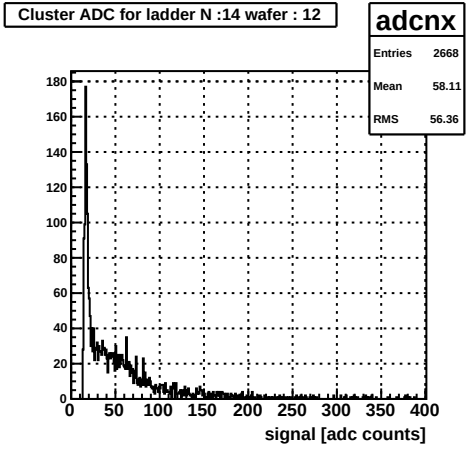

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7396
Mean 33.3
RMS 36.97
signal [adc counts]

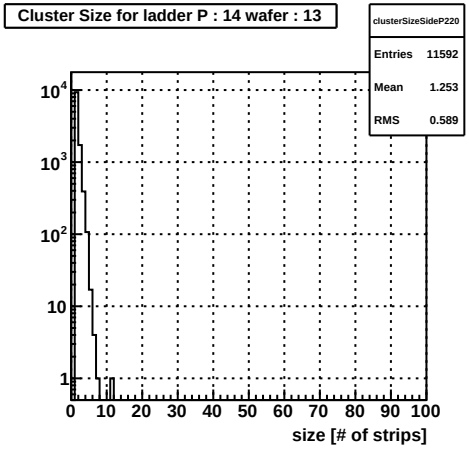

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3174
Mean 1.154
RMS 0.4715
size [# of strips]

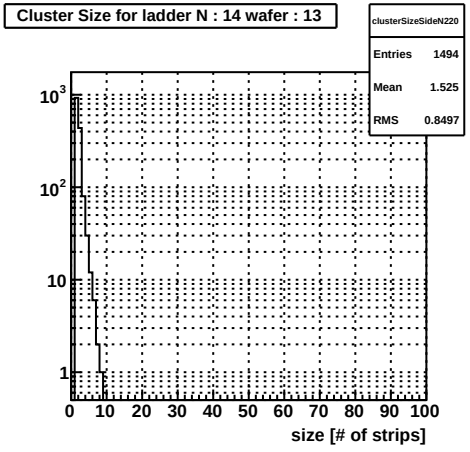

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2668
Mean 1.395
RMS 0.7007
size [# of strips]

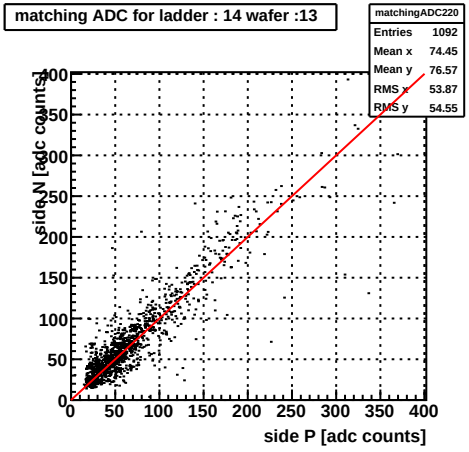

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1065
Mean x 77.7
Mean y 80.55
RMS x 59.17
RMS y 58.82
side N [adc counts]
side P [adc counts]

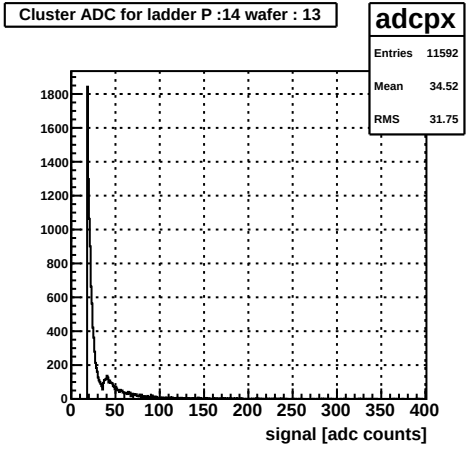

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3174
Mean 39.58
RMS 38.28
signal [adc counts]

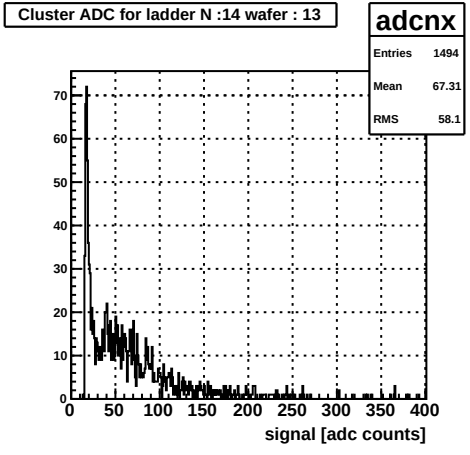

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2668
Mean 58.11
RMS 56.36
signal [adc counts]

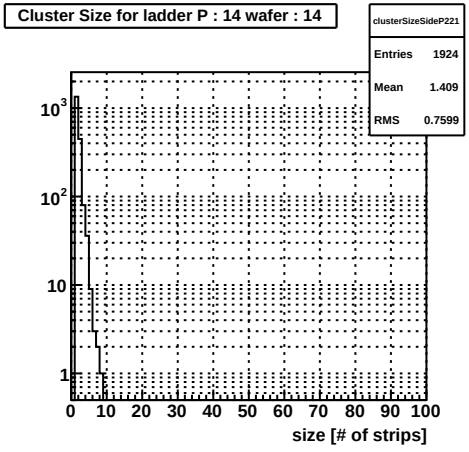

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11592
Mean 1.253
RMS 0.589
size [# of strips]

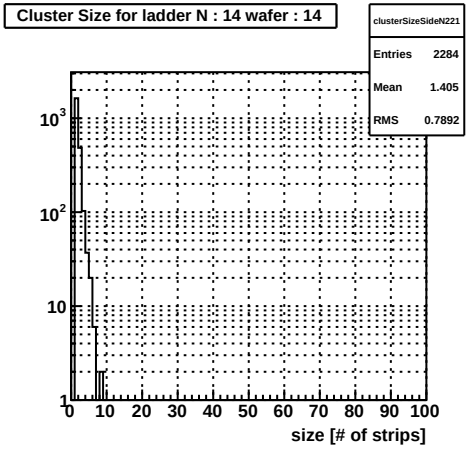

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1494
Mean 1.525
RMS 0.8497
size [# of strips]

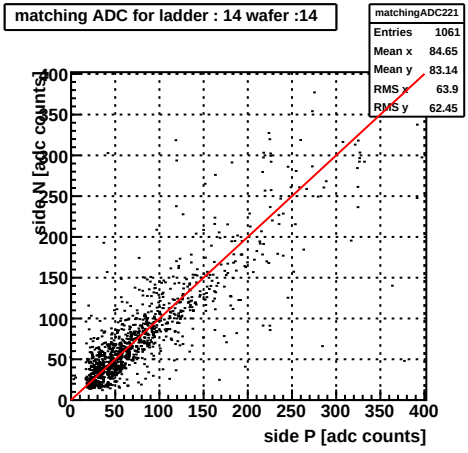

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1092
Mean x 74.45
Mean y 76.57
RMS x 53.87
RMS y 54.55
side N [adc counts]
side P [adc counts]

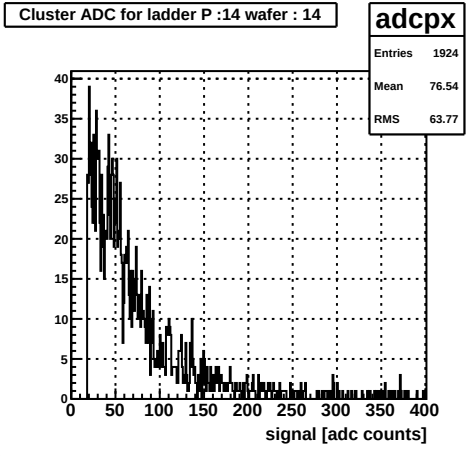

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11592
Mean 34.52
RMS 31.75
signal [adc counts]

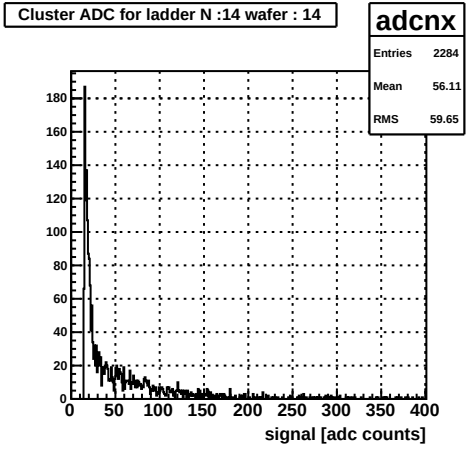

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1494
Mean 67.31
RMS 58.1
signal [adc counts]

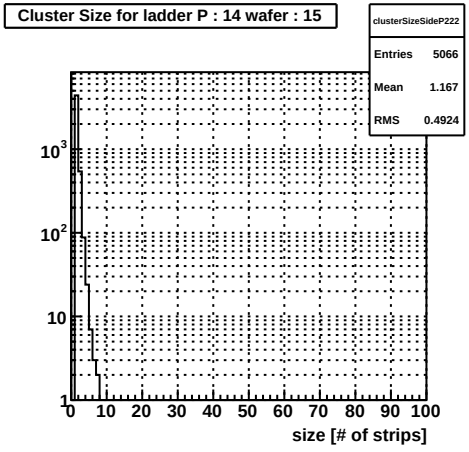

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1924
Mean 1.409
RMS 0.7599
size [# of strips]

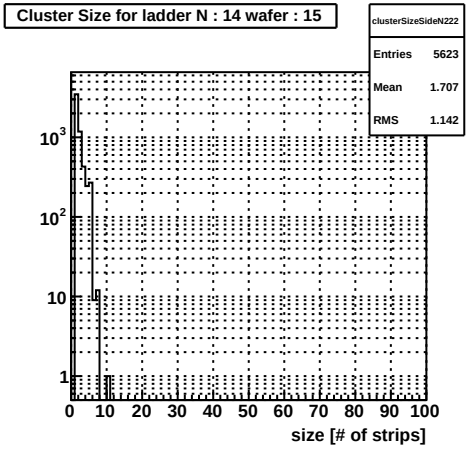

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2284
Mean 1.405
RMS 0.7892
size [# of strips]

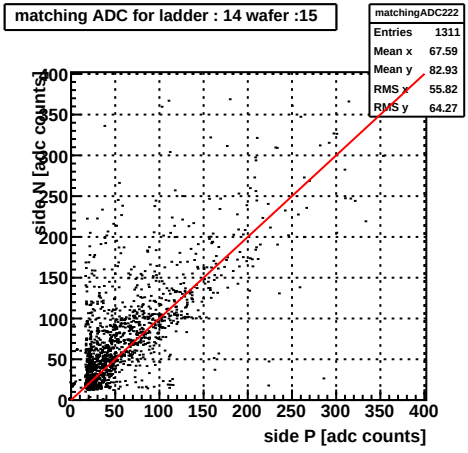

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1061
Mean x 84.65
Mean y 83.14
RMS x 63.9
RMS y 62.45
side N [adc counts]
side P [adc counts]

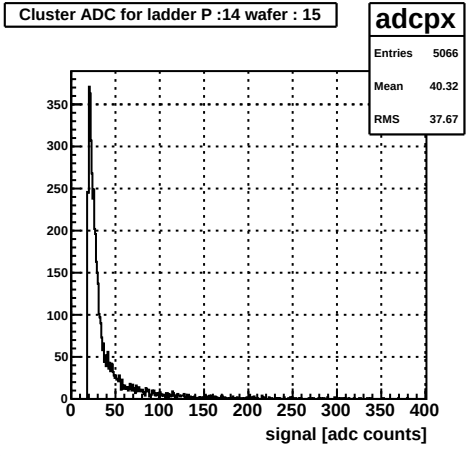

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1924
Mean 76.54
RMS 63.77
signal [adc counts]

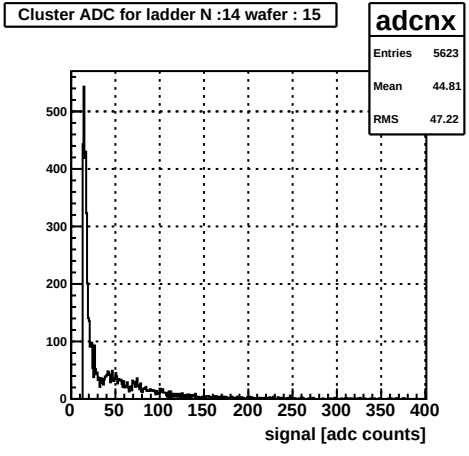

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2284
Mean 56.11
RMS 59.65
signal [adc counts]

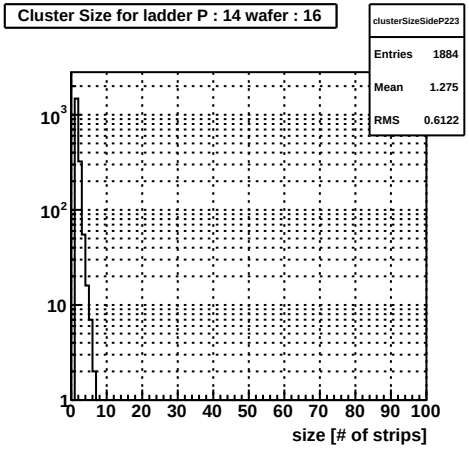

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 5066
Mean 1.167
RMS 0.4924
size [# of strips]

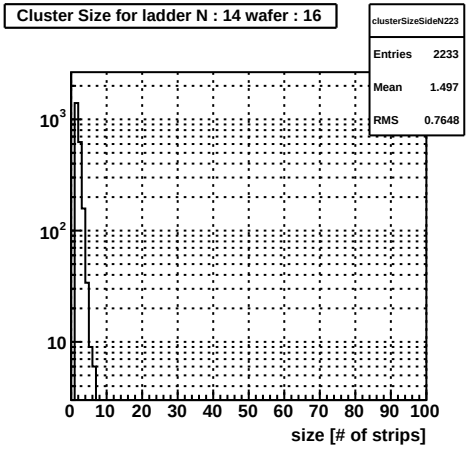

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5623
Mean 1.707
RMS 1.142
size [# of strips]

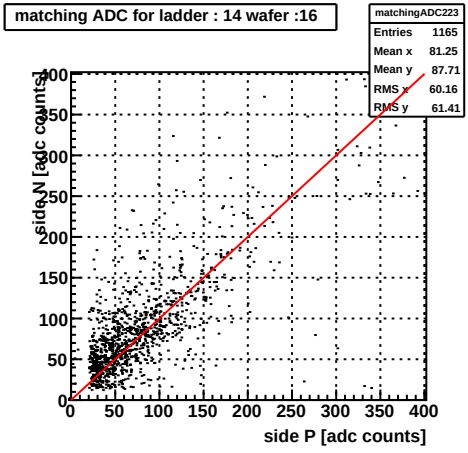

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1311
Mean x 67.59
Mean y 82.93
RMS x 55.82
RMS y 64.27
side N [adc counts]
side P [adc counts]

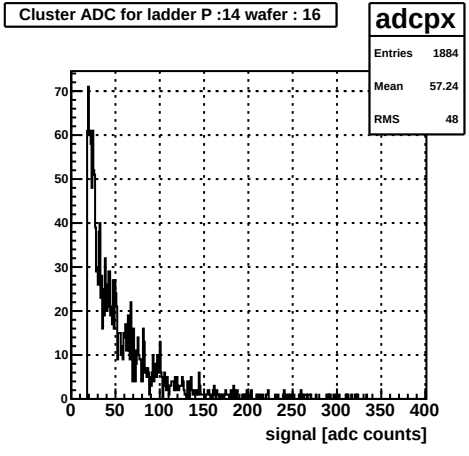

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 5066
Mean 40.32
RMS 37.67
signal [adc counts]

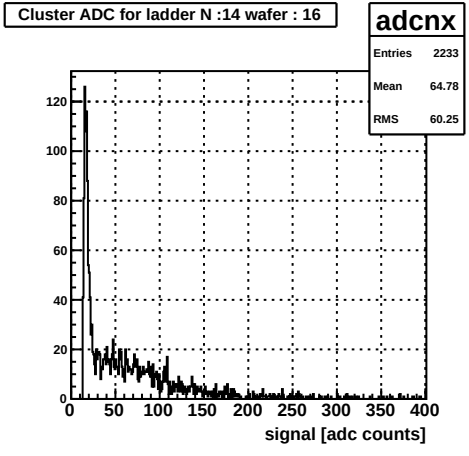

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5623
Mean 44.81
RMS 47.22
signal [adc counts]

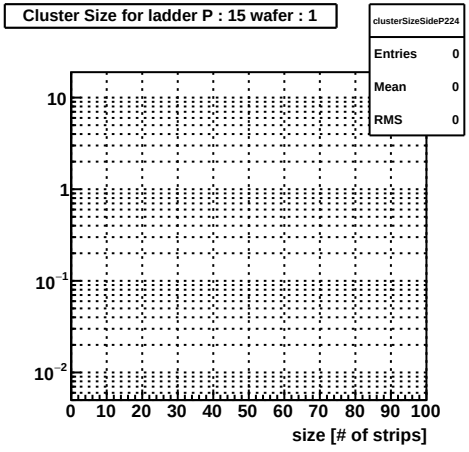

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1884
Mean 1.275
RMS 0.6122
size [# of strips]

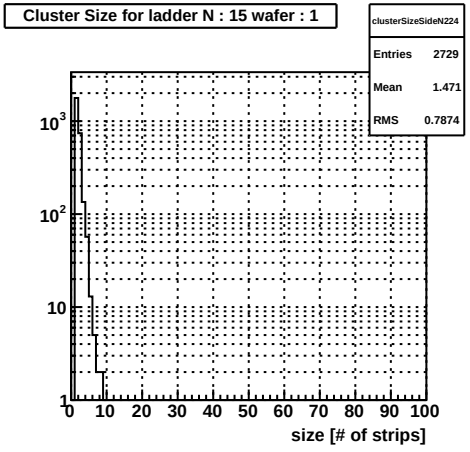

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2233
Mean 1.497
RMS 0.7648
size [# of strips]

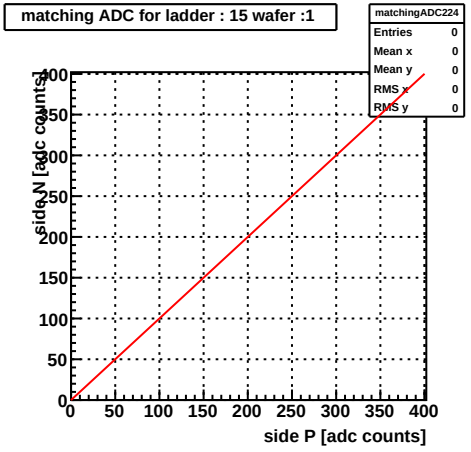

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1165
Mean x 81.25
Mean y 87.71
RMS x 60.16
RMS y 61.41
side N [adc counts]
side P [adc counts]

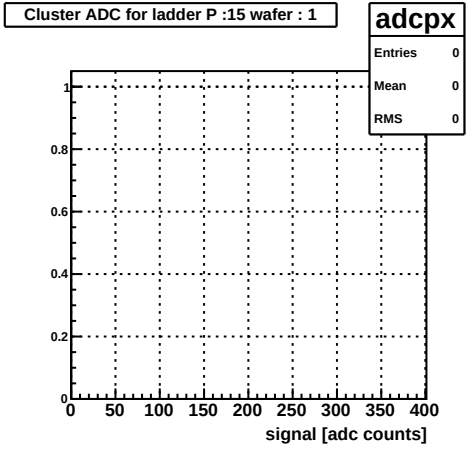

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1884
Mean 57.24
RMS 48
signal [adc counts]

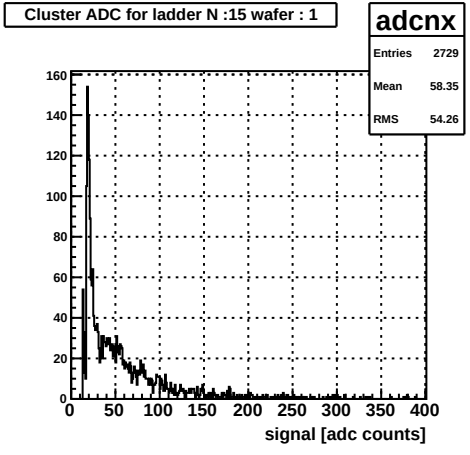

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2233
Mean 64.78
RMS 60.25
signal [adc counts]

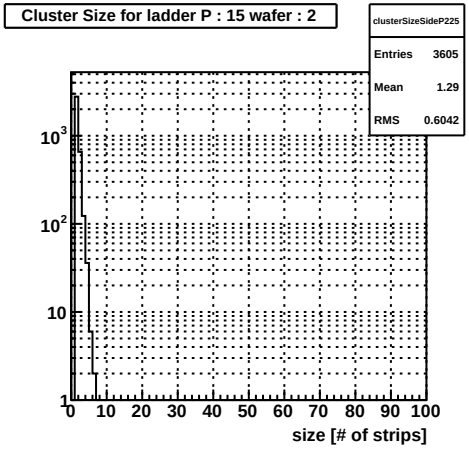

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

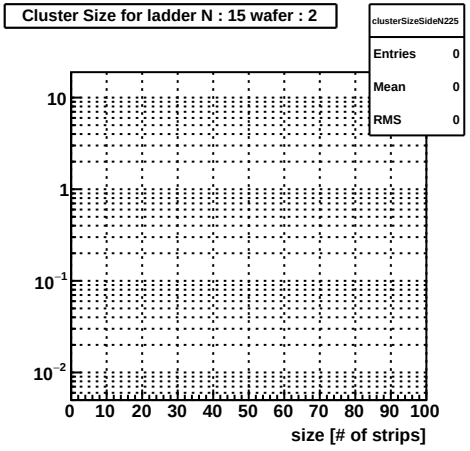

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2729
Mean 1.471
RMS 0.7874
size [# of strips]

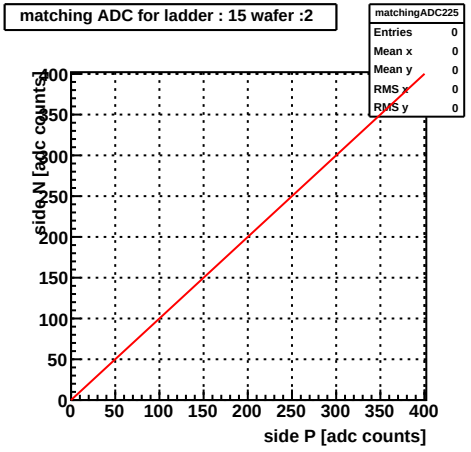

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

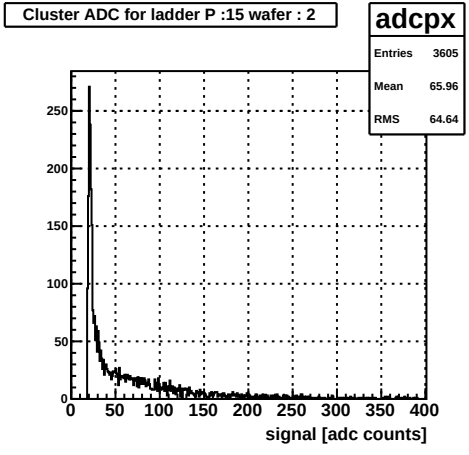

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

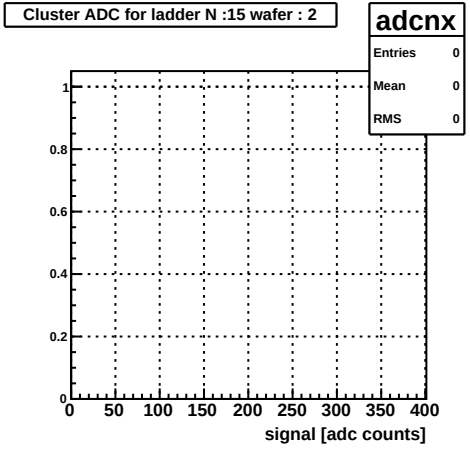

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2729
Mean 58.35
RMS 54.26
signal [adc counts]

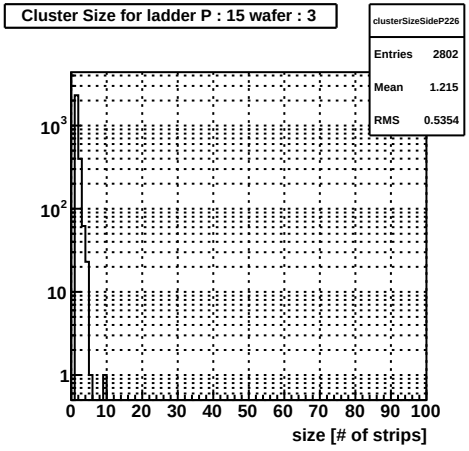

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3605
Mean 1.29
RMS 0.6042
size [# of strips]

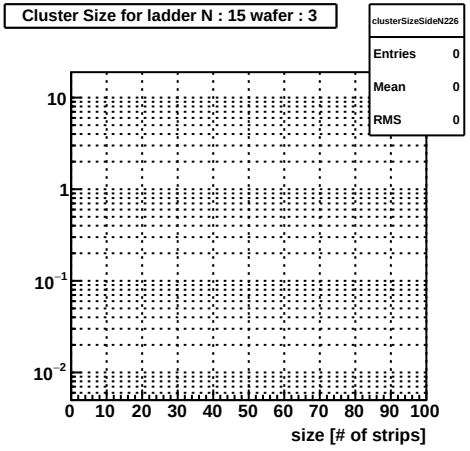

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

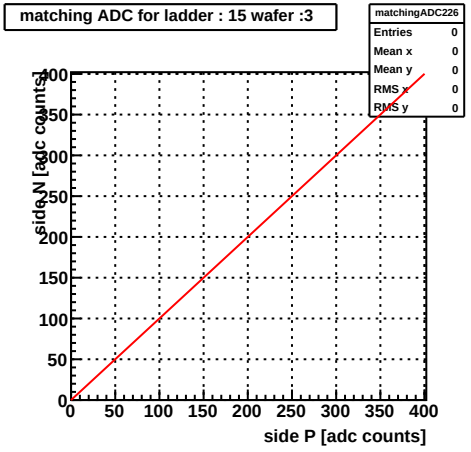

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

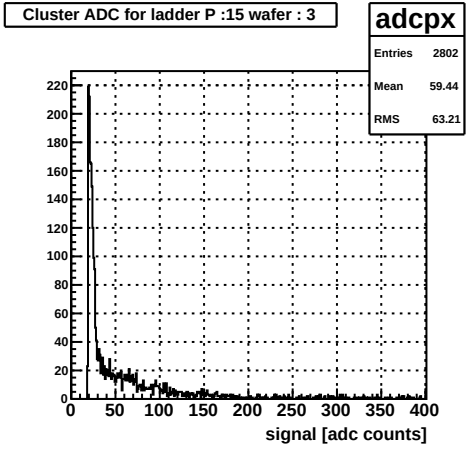

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3605
Mean 65.96
RMS 64.64
signal [adc counts]

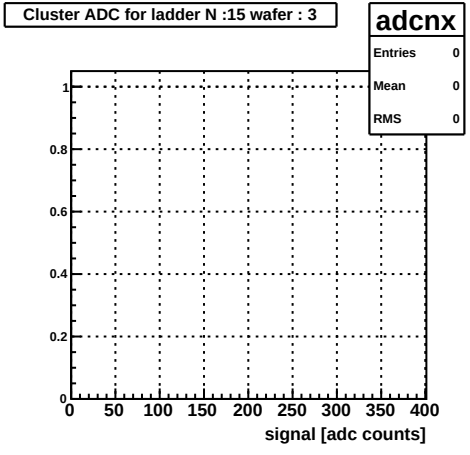

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

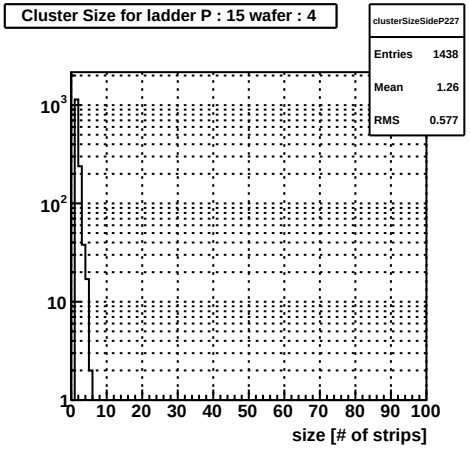

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2802
Mean 1.215
RMS 0.5354
size [# of strips]

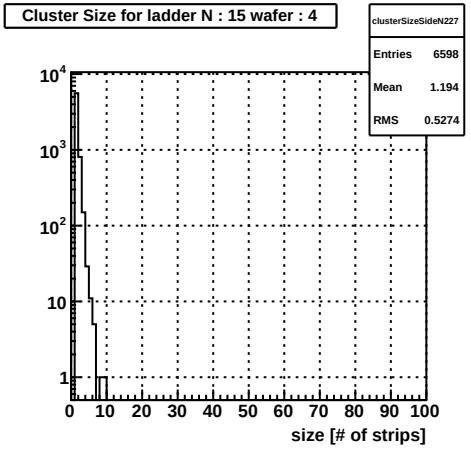

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

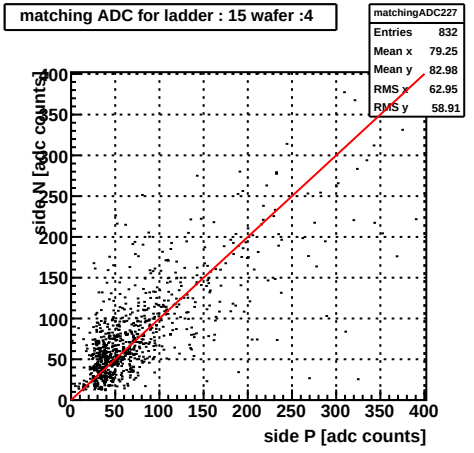

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

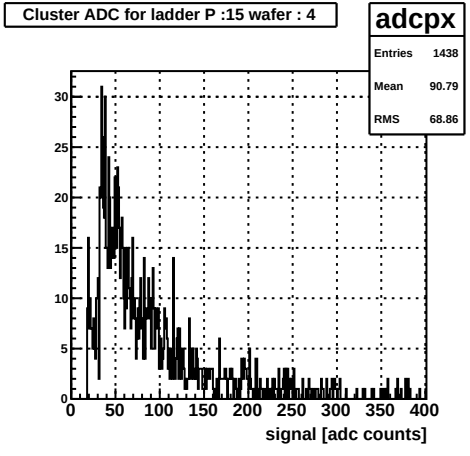

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2802
Mean 59.44
RMS 63.21
signal [adc counts]

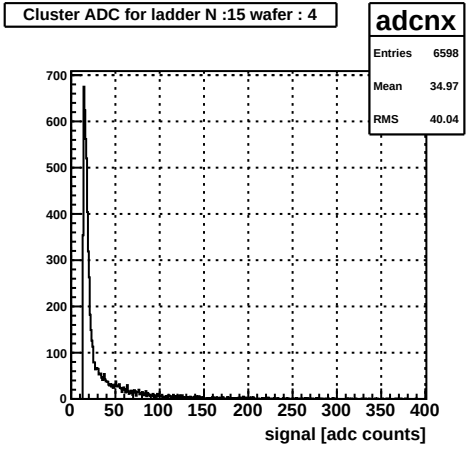

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

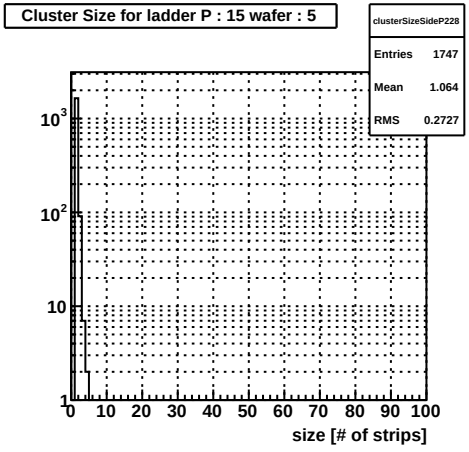

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1438
Mean 1.26
RMS 0.577
size [# of strips]

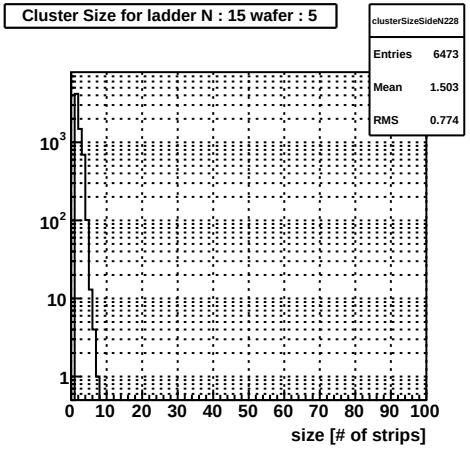

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6598
Mean 1.194
RMS 0.5274
size [# of strips]

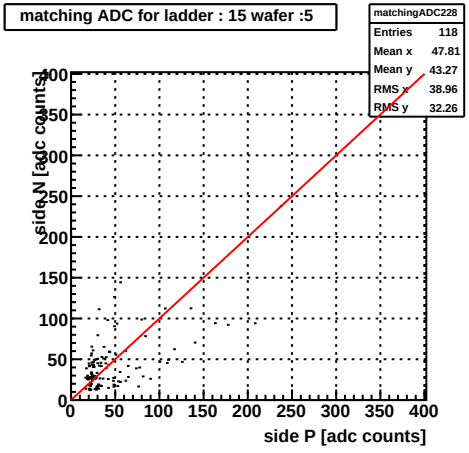

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 832
Mean x 79.25
Mean y 82.98
RMS x 62.95
RMS y 58.91
side N [adc counts]
side P [adc counts]

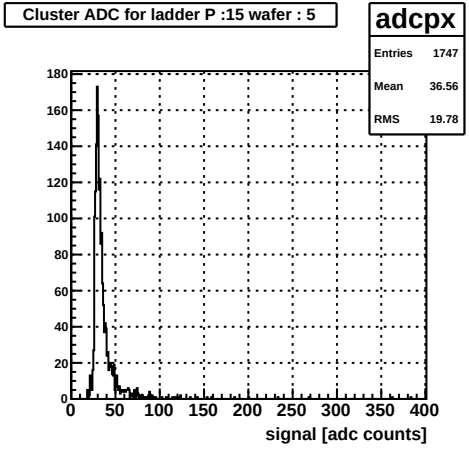

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1438
Mean 90.79
RMS 68.86
signal [adc counts]

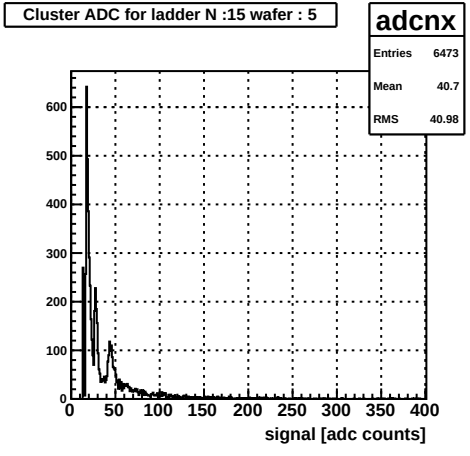

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6598
Mean 34.97
RMS 40.04
signal [adc counts]

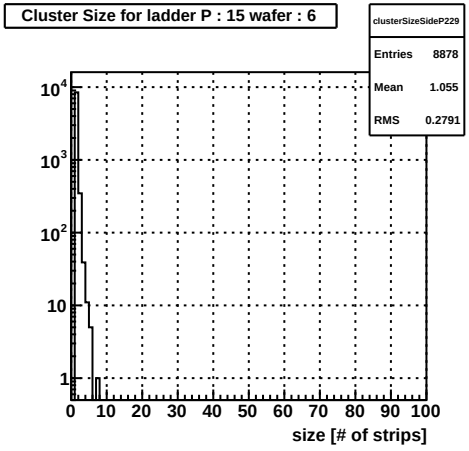

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1747
Mean 1.064
RMS 0.2727
size [# of strips]

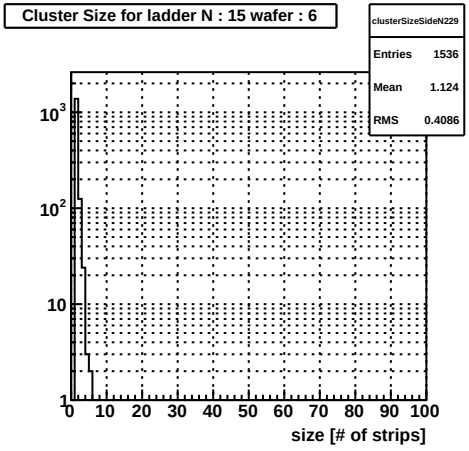

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6473
Mean 1.503
RMS 0.774
size [# of strips]

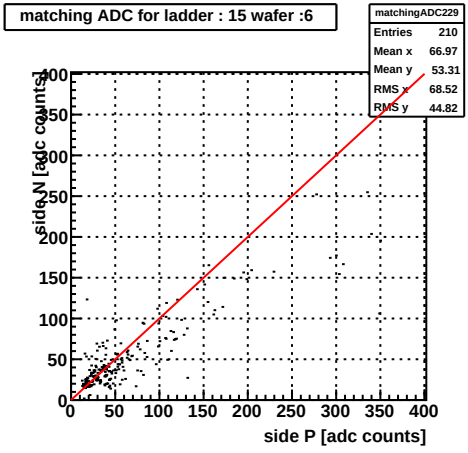

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 118
Mean x 47.81
Mean y 43.27
RMS x 38.96
RMS y 32.26
side N [adc counts]
side P [adc counts]

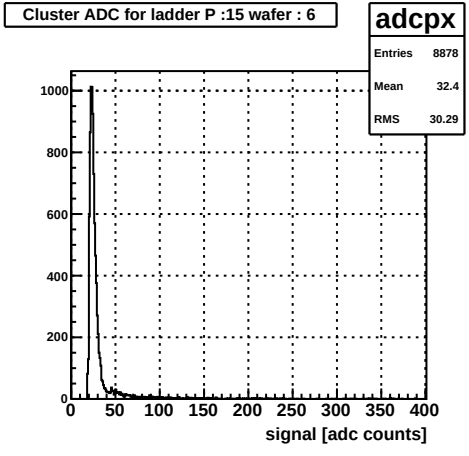

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1747
Mean 36.56
RMS 19.78
signal [adc counts]

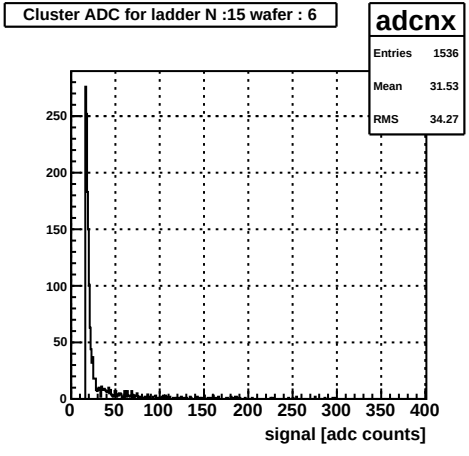

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6473
Mean 40.7
RMS 40.98
signal [adc counts]

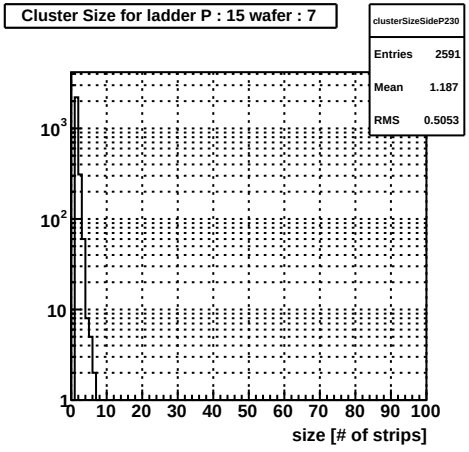

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8878
Mean 1.055
RMS 0.2791
size [# of strips]

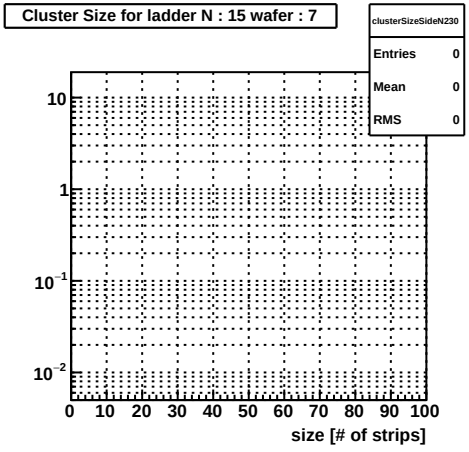

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1536
Mean 1.124
RMS 0.4086
size [# of strips]

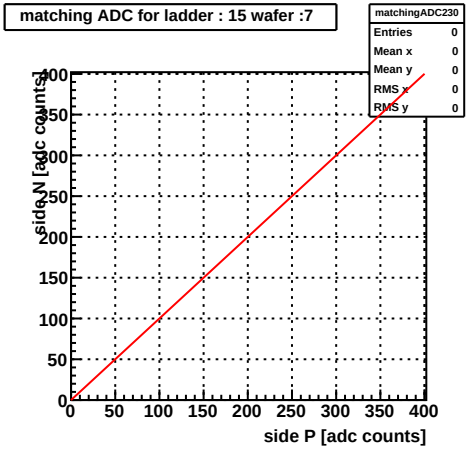

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 210
Mean x 66.97
Mean y 53.31
RMS x 68.52
RMS y 44.82
side N [adc counts]
side P [adc counts]

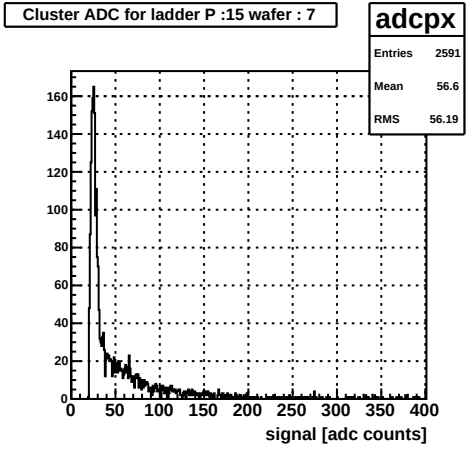

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8878
Mean 32.4
RMS 30.29
signal [adc counts]

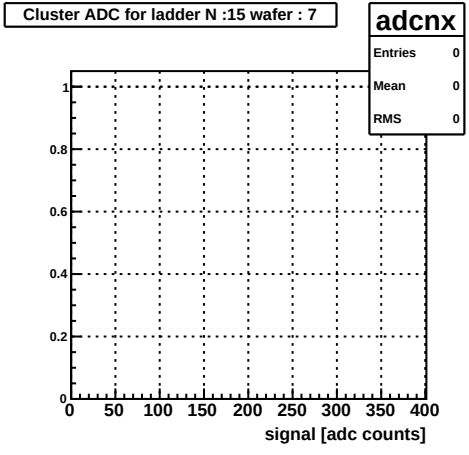

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1536
Mean 31.53
RMS 34.27
signal [adc counts]

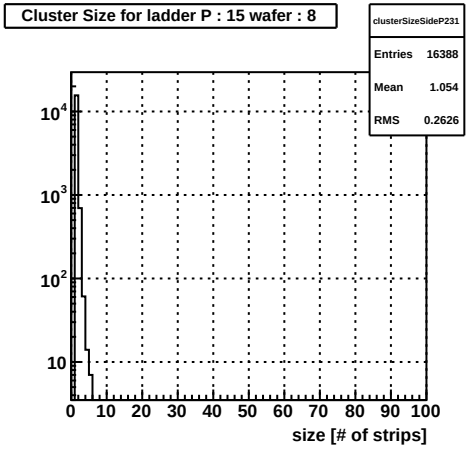

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2591
Mean 1.187
RMS 0.5053
size [# of strips]

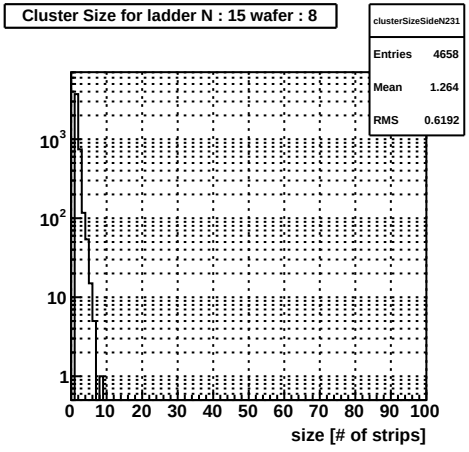

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

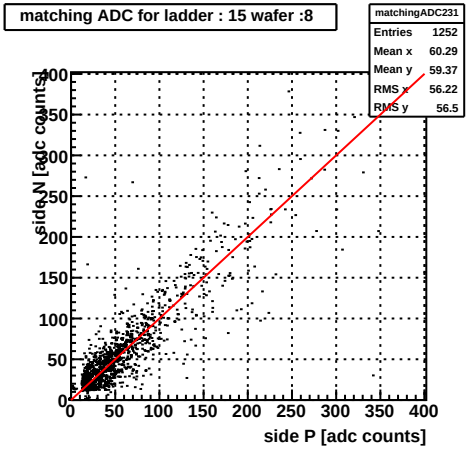

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

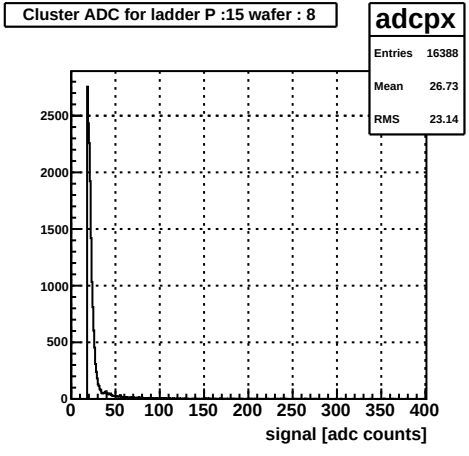

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2591
Mean 56.6
RMS 56.19
signal [adc counts]

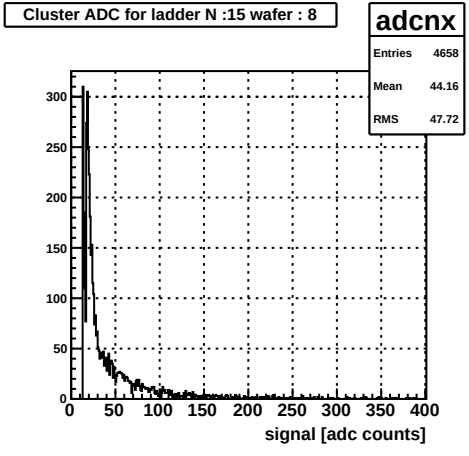

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

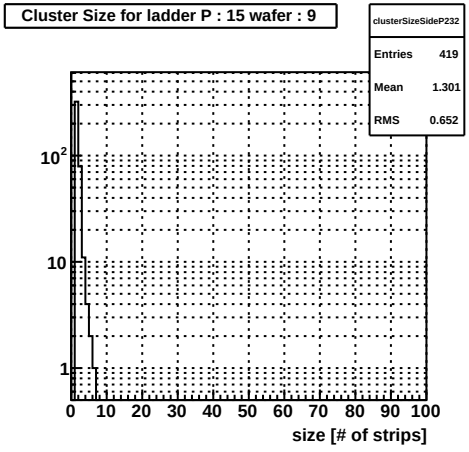

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 16388
Mean 1.054
RMS 0.2626
size [# of strips]

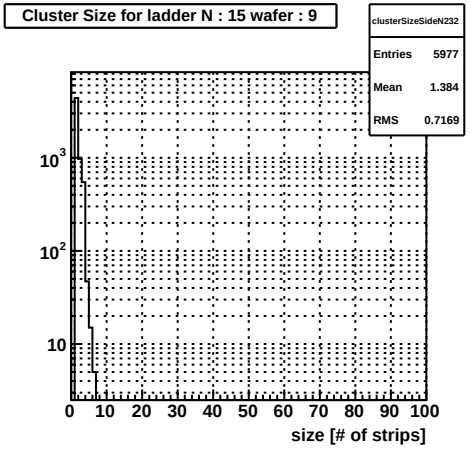

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4658
Mean 1.264
RMS 0.6192
size [# of strips]

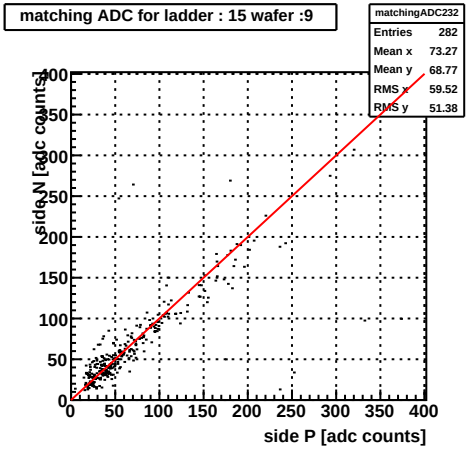

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1252
Mean x 60.29
Mean y 59.37
RMS x 56.22
RMS y 56.5
side N [adc counts]
side P [adc counts]

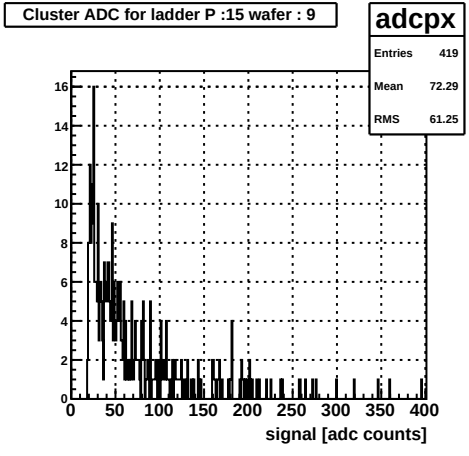

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 16388
Mean 26.73
RMS 23.14
signal [adc counts]

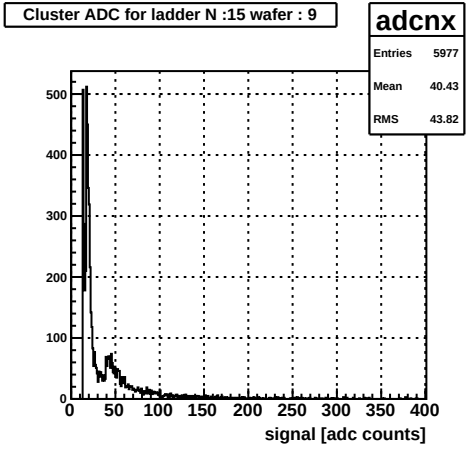

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4658
Mean 44.16
RMS 47.72
signal [adc counts]

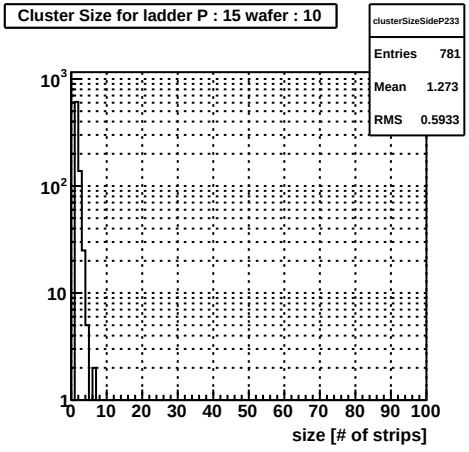

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 419
Mean 1.301
RMS 0.652
size [# of strips]

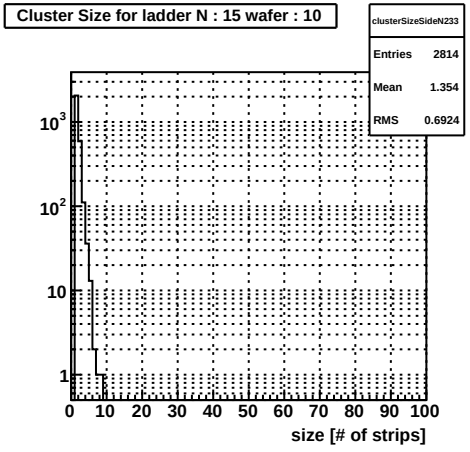

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5977
Mean 1.384
RMS 0.7169
size [# of strips]

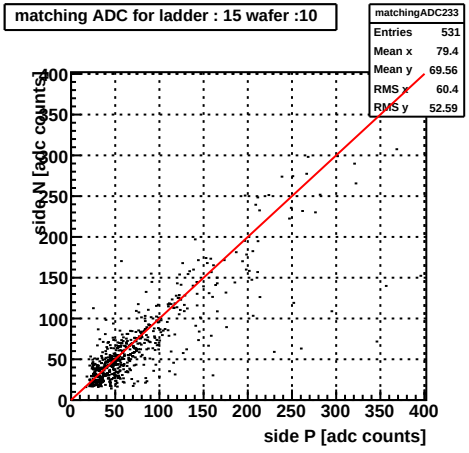

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 282
Mean x 73.27
Mean y 68.77
RMS x 59.52
RMS y 51.38
side N [adc counts]
side P [adc counts]

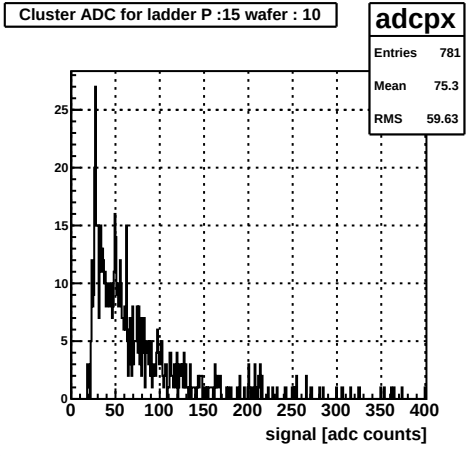

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 419
Mean 72.29
RMS 61.25
signal [adc counts]

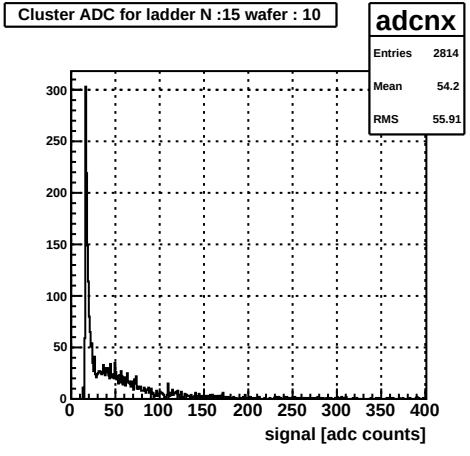

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5977
Mean 40.43
RMS 43.82
signal [adc counts]

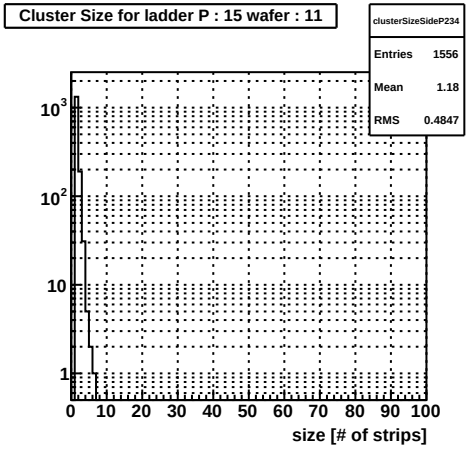

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 781
Mean 1.273
RMS 0.5933
size [# of strips]

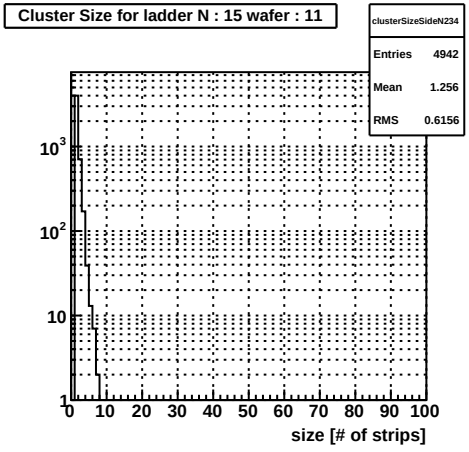

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2814
Mean 1.354
RMS 0.6924
size [# of strips]

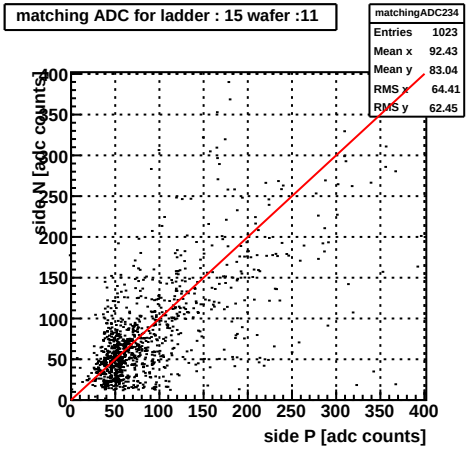

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 531
Mean x 79.4
Mean y 69.56
RMS x 60.4
RMS y 52.59
side N [adc counts]
side P [adc counts]

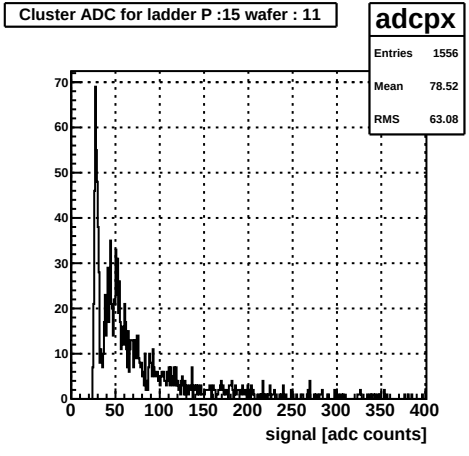

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 781
Mean 75.3
RMS 59.63
signal [adc counts]

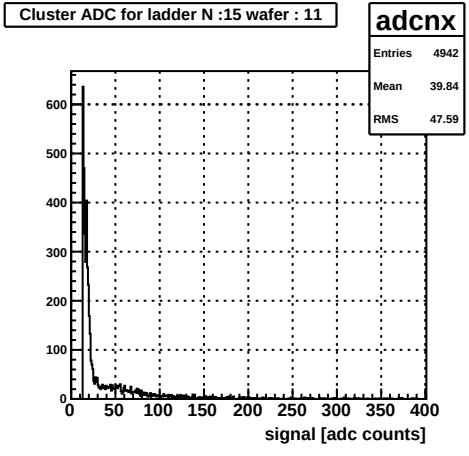

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2814
Mean 54.2
RMS 55.91
signal [adc counts]

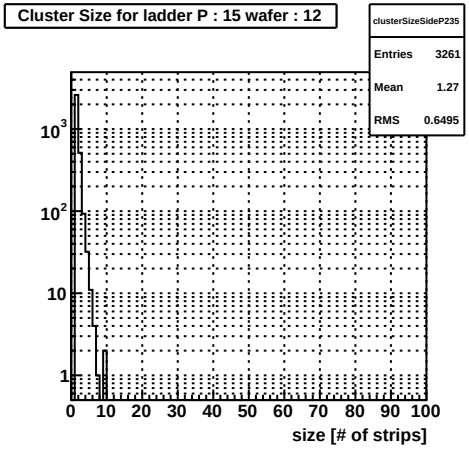

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 1556
Mean 1.18
RMS 0.4847
size [# of strips]

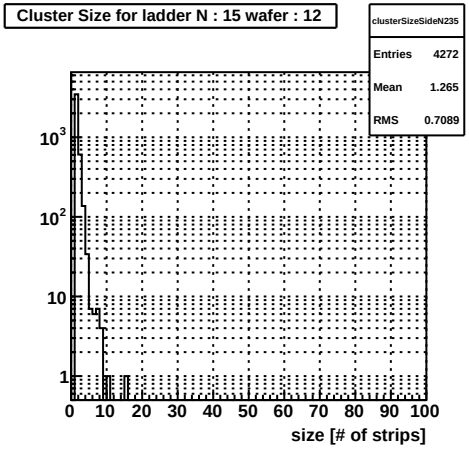

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4942
Mean 1.256
RMS 0.6156
size [# of strips]

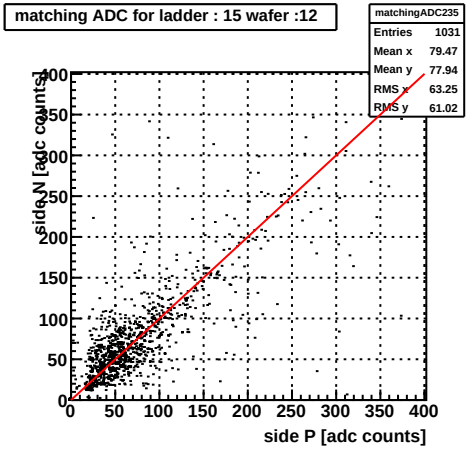

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1023
Mean x 92.43
Mean y 83.04
RMS x 64.41
RMS y 62.45
side N [adc counts]
side P [adc counts]

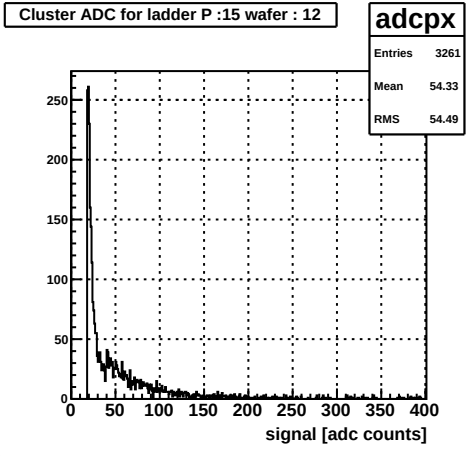

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 1556
Mean 78.52
RMS 63.08
signal [adc counts]

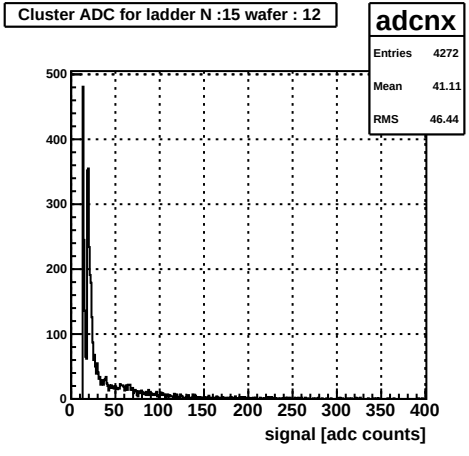

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4942
Mean 39.84
RMS 47.59
signal [adc counts]

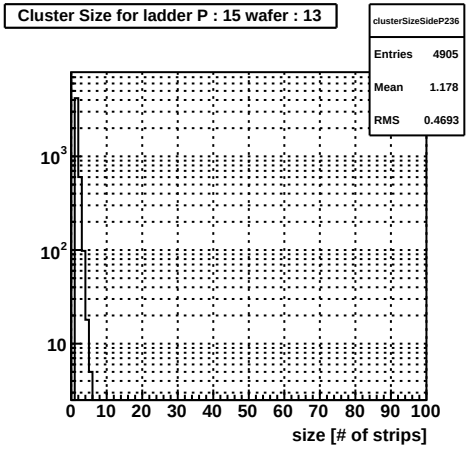

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3261
Mean 1.27
RMS 0.6495
size [# of strips]

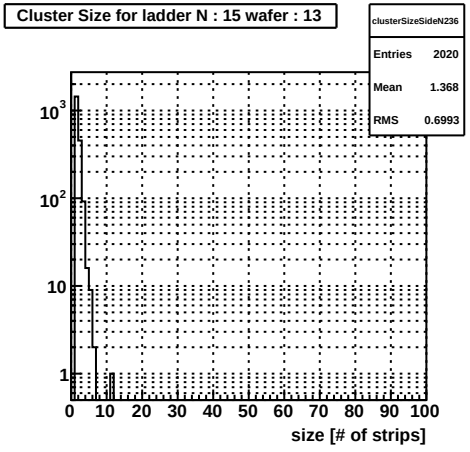

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4272
Mean 1.265
RMS 0.7089
size [# of strips]

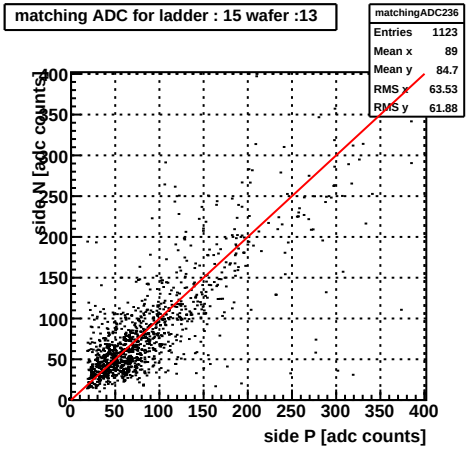

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1031
Mean x 79.47
Mean y 77.94
RMS x 63.25
RMS y 61.02
side N [adc counts]
side P [adc counts]

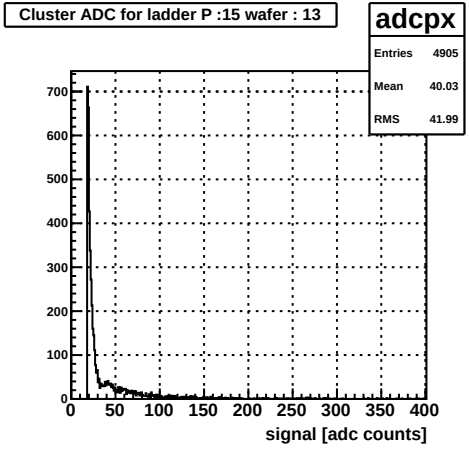

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3261
Mean 54.33
RMS 54.49
signal [adc counts]

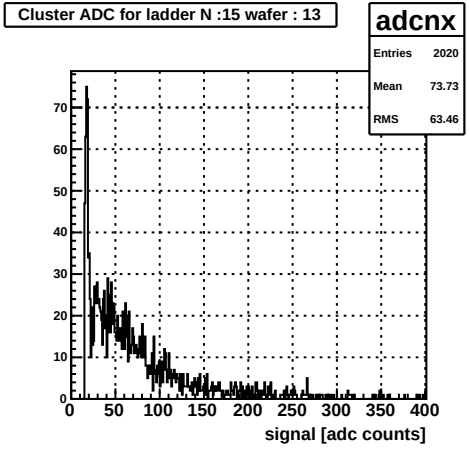

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4272
Mean 41.11
RMS 46.44
signal [adc counts]

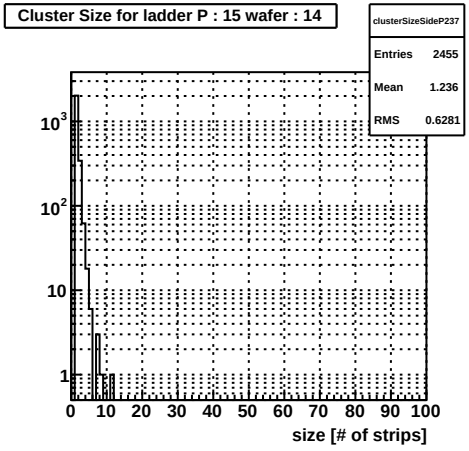

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4905
Mean 1.178
RMS 0.4693
size [# of strips]

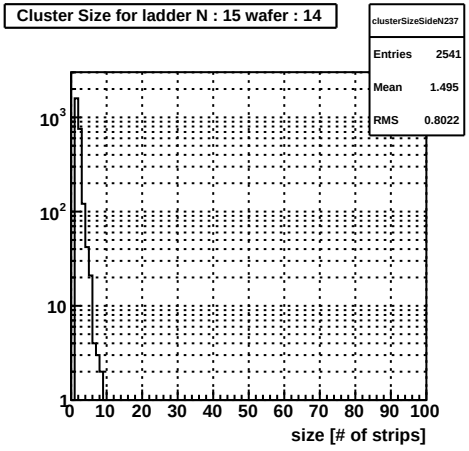

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2020
Mean 1.368
RMS 0.6993
size [# of strips]

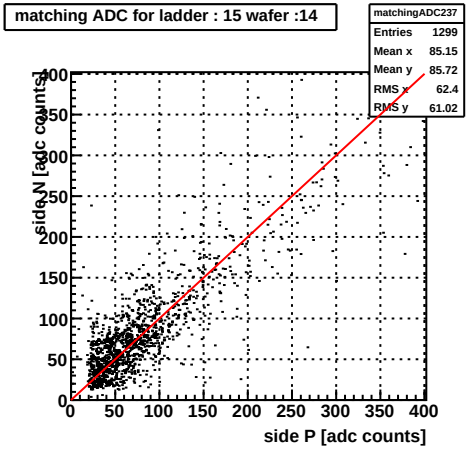

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1123
Mean x 89
Mean y 84.7
RMS x 63.53
RMS y 61.88
side N [adc counts]
side P [adc counts]

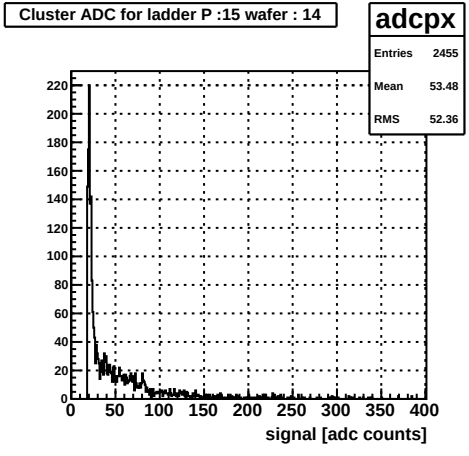

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4905
Mean 40.03
RMS 41.99
signal [adc counts]

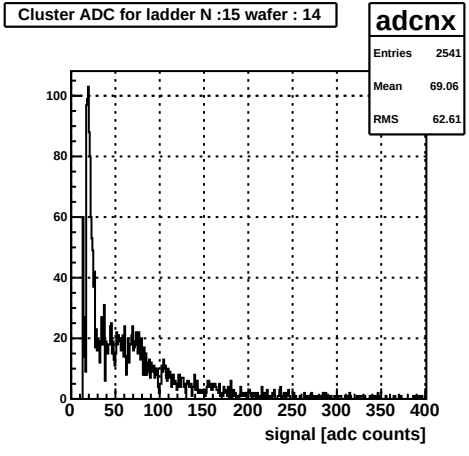

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2020
Mean 73.73
RMS 63.46
signal [adc counts]

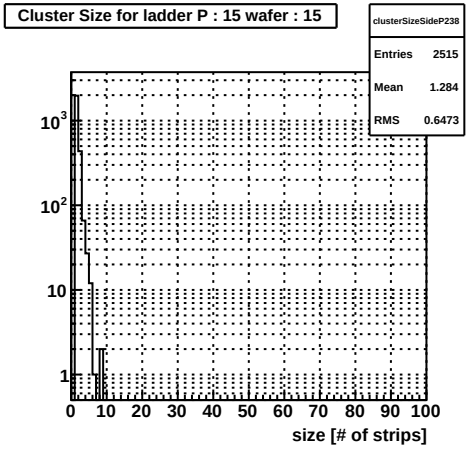

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2455
Mean 1.236
RMS 0.6281
size [# of strips]

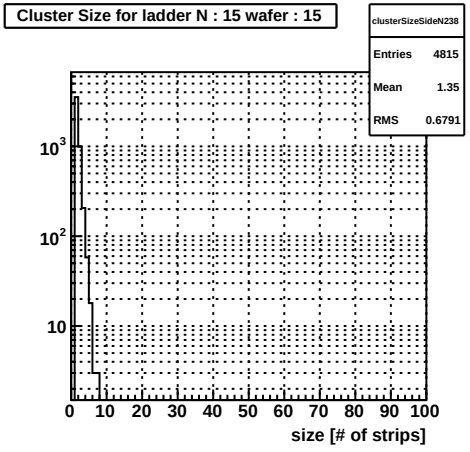

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2541
Mean 1.495
RMS 0.8022
size [# of strips]

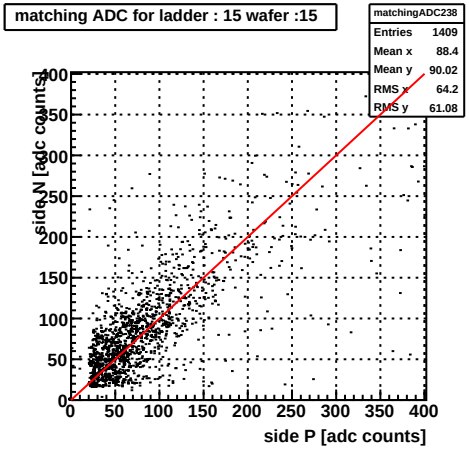

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1299
Mean x 85.15
Mean y 85.72
RMS x 62.4
RMS y 61.02
side N [adc counts]
side P [adc counts]

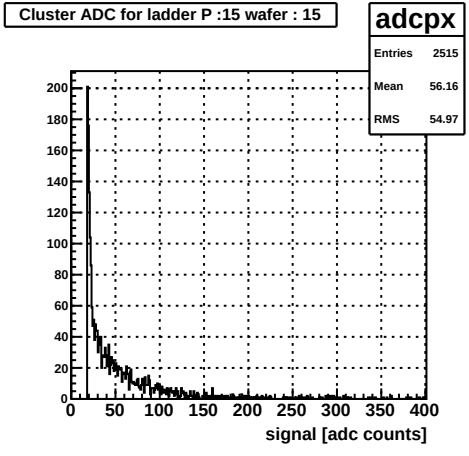

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2455
Mean 53.48
RMS 52.36
signal [adc counts]

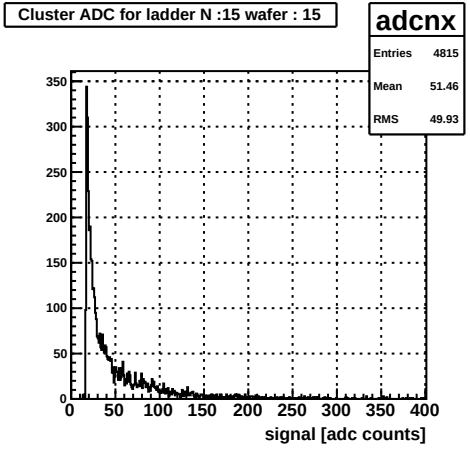

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2541
Mean 69.06
RMS 62.61
signal [adc counts]

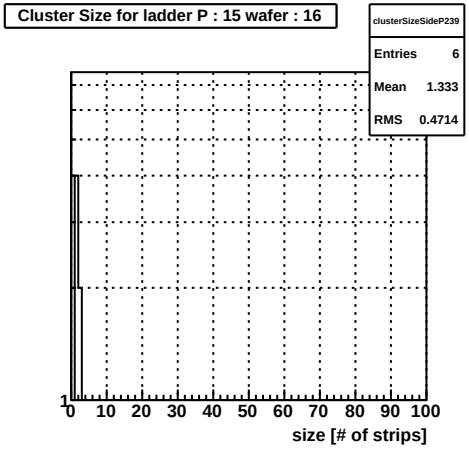

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2515
Mean 1.284
RMS 0.6473
size [# of strips]

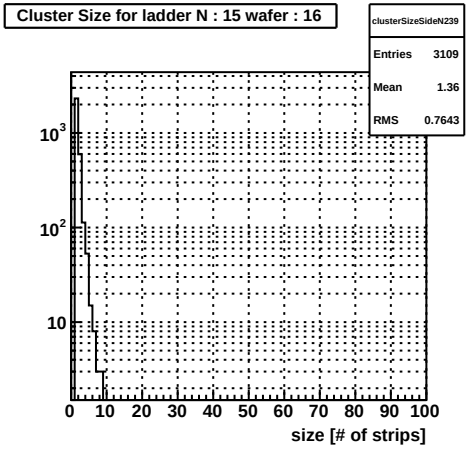

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4815
Mean 1.35
RMS 0.6791
size [# of strips]

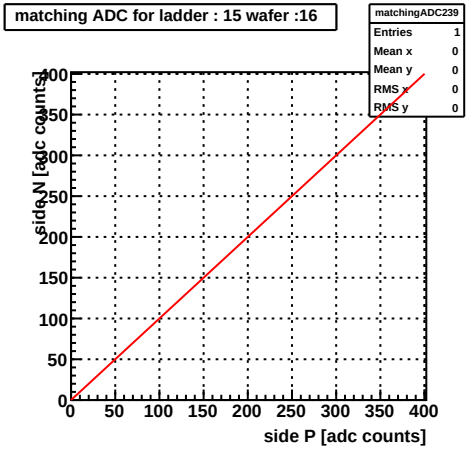

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1409
Mean x 88.4
Mean y 90.02
RMS x 64.2
RMS y 61.08
side N [adc counts]
side P [adc counts]

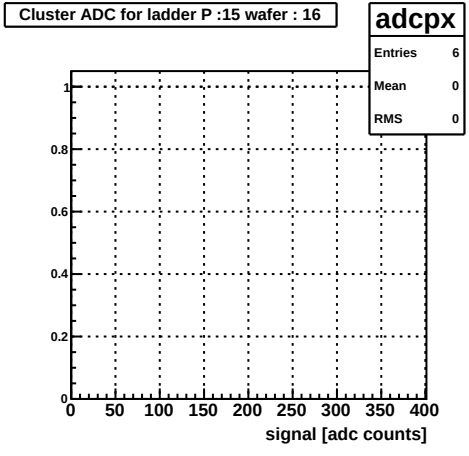

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2515
Mean 56.16
RMS 54.97
signal [adc counts]

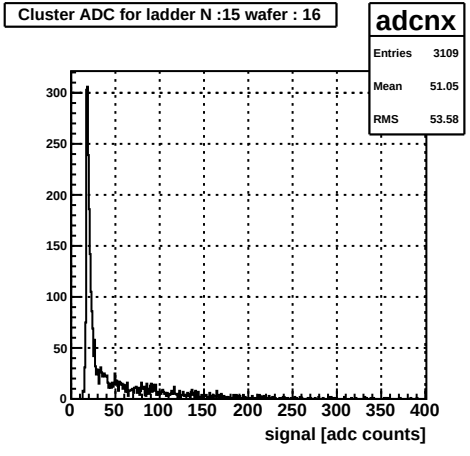

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4815
Mean 51.46
RMS 49.93
signal [adc counts]

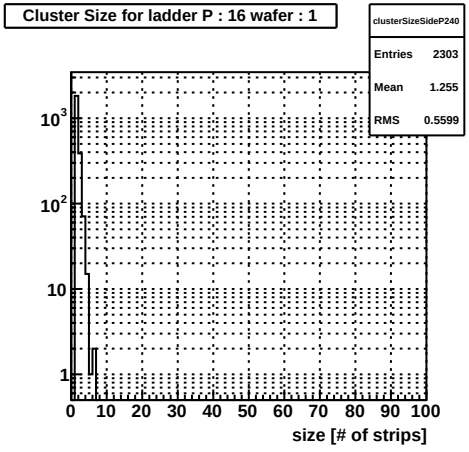

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 6
Mean 1.333
RMS 0.4714
size [# of strips]

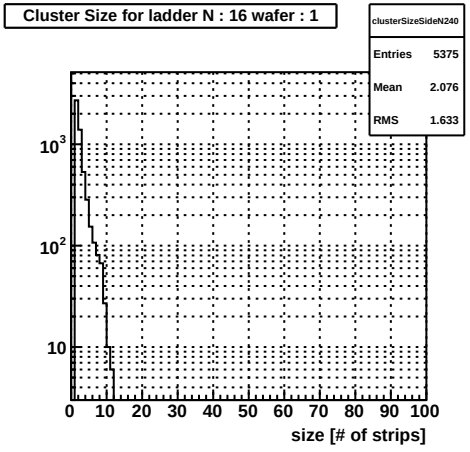

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3109
Mean 1.36
RMS 0.7643
size [# of strips]

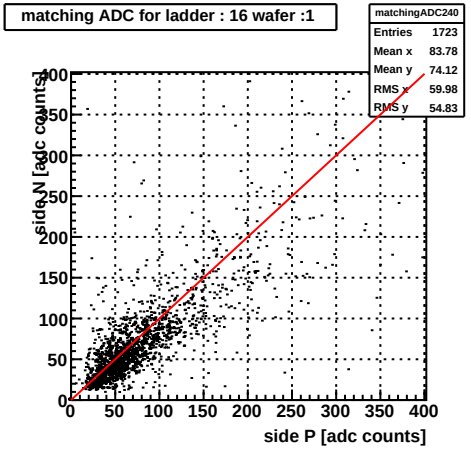

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

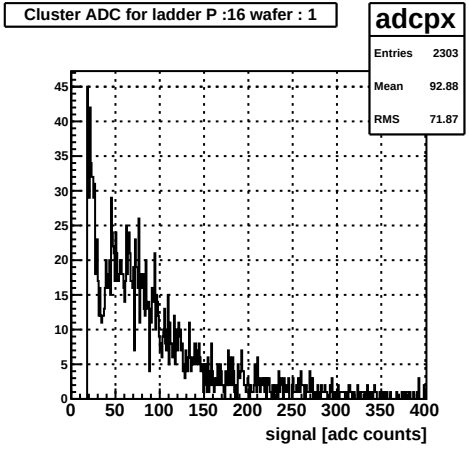

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

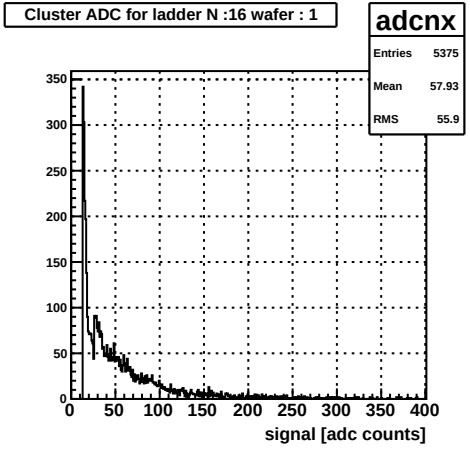

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3109
Mean 51.05
RMS 53.58
signal [adc counts]

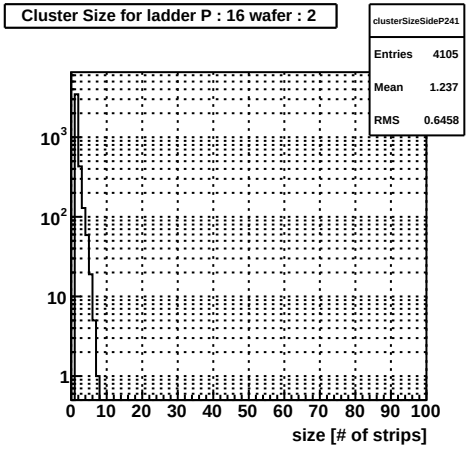

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2303
Mean 1.255
RMS 0.5599
size [# of strips]

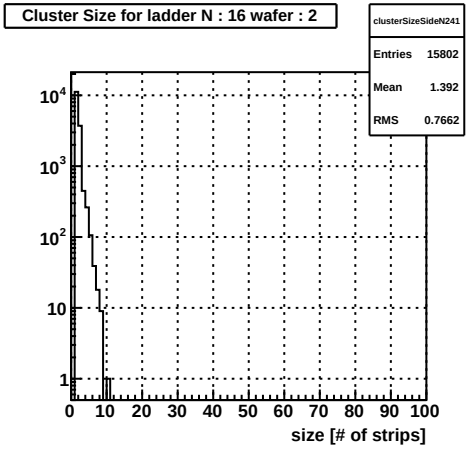

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5375
Mean 2.076
RMS 1.633
size [# of strips]

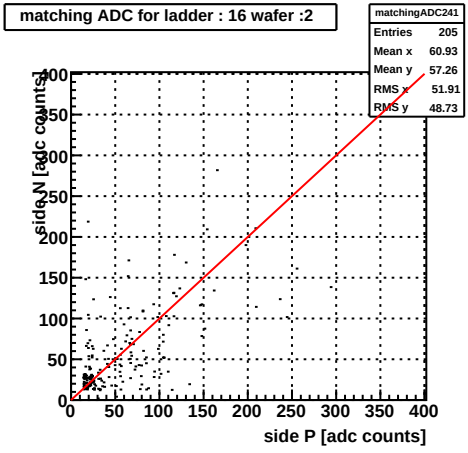

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1723
Mean x 83.78
Mean y 74.12
RMS x 59.98
RMS y 54.83
side N [adc counts]
side P [adc counts]

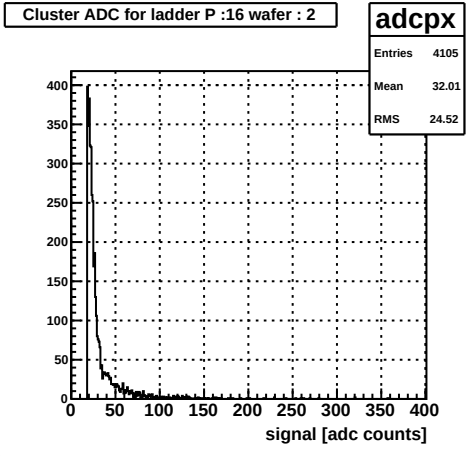

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2303
Mean 92.88
RMS 71.87
signal [adc counts]

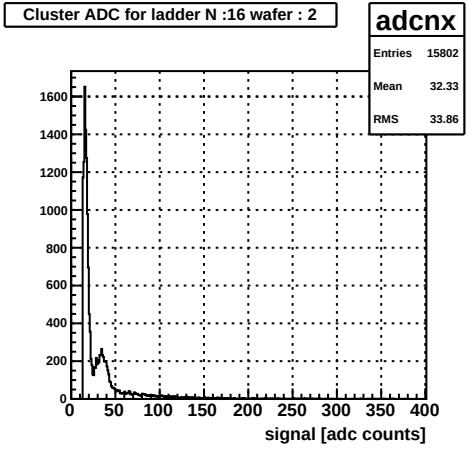

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5375
Mean 57.93
RMS 55.9
signal [adc counts]

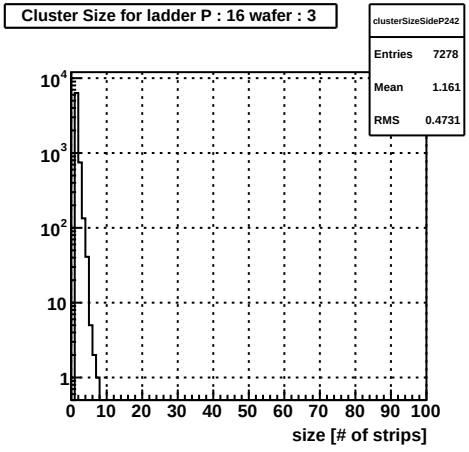

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4105
Mean 1.237
RMS 0.6458
size [# of strips]

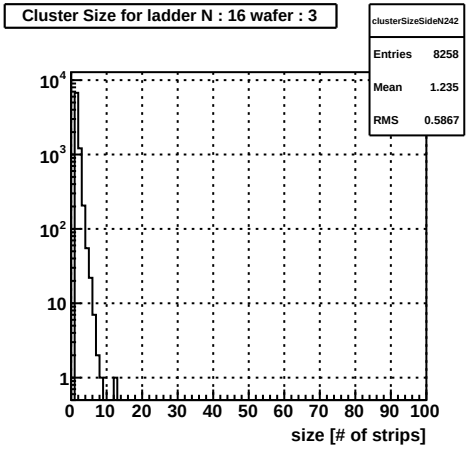

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 15802
Mean 1.392
RMS 0.7662
size [# of strips]

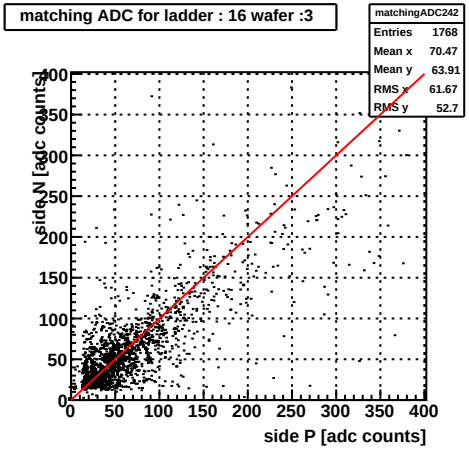

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 205
Mean x 60.93
Mean y 57.26
RMS x 51.91
RMS y 48.73
side N [adc counts]
side P [adc counts]

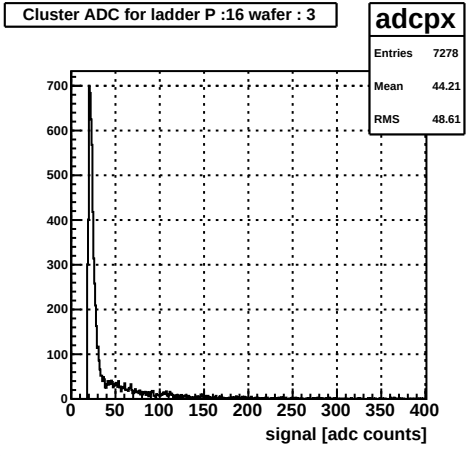

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4105
Mean 32.01
RMS 24.52
signal [adc counts]

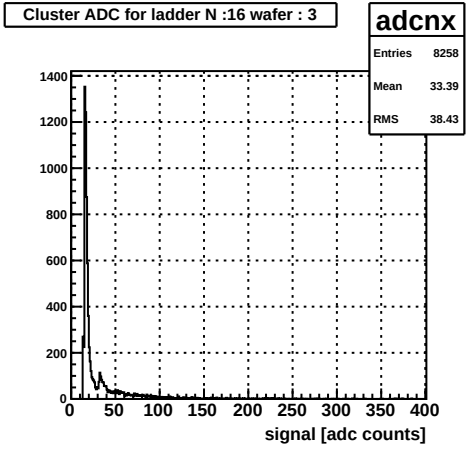

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 15802
Mean 32.33
RMS 33.86
signal [adc counts]

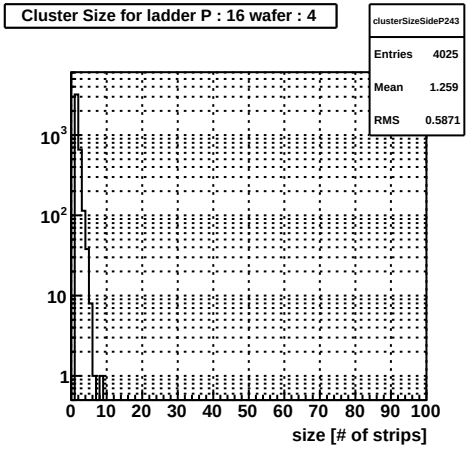

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7278
Mean 1.161
RMS 0.4731
size [# of strips]

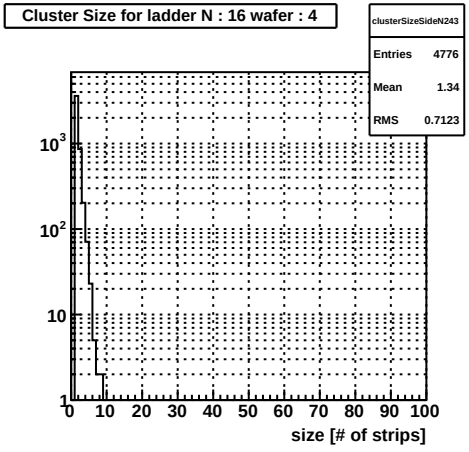

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 8258
Mean 1.235
RMS 0.5867
size [# of strips]

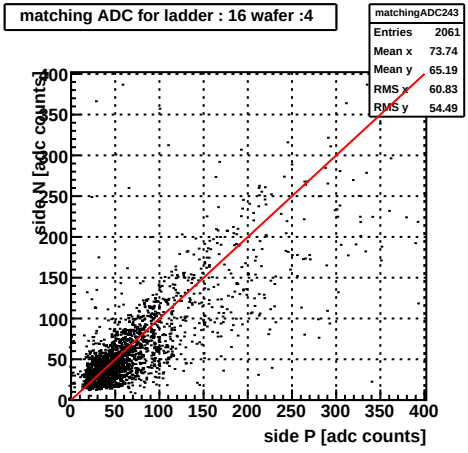

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1768
Mean x 70.47
Mean y 63.91
RMS x 61.67
RMS y 52.7
side N [adc counts]
side P [adc counts]

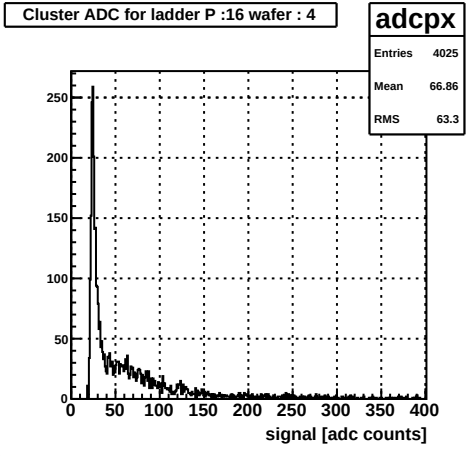

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7278
Mean 44.21
RMS 48.61
signal [adc counts]

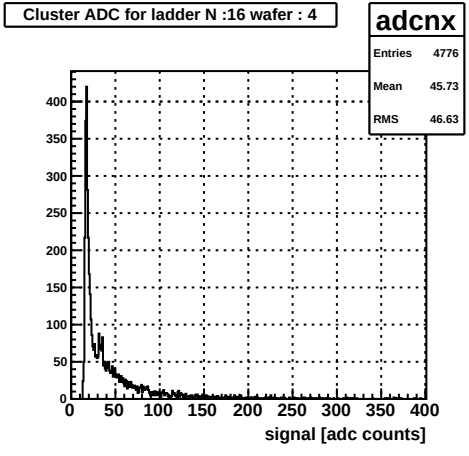

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 8258
Mean 33.39
RMS 38.43
signal [adc counts]

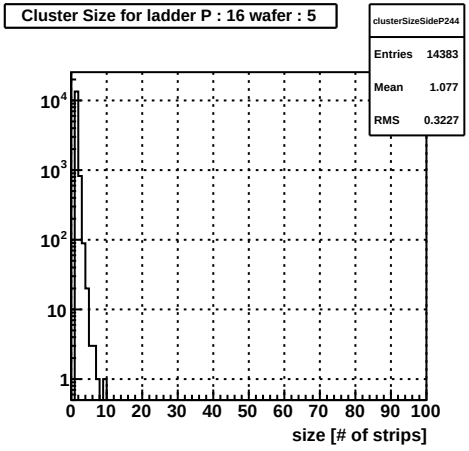

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4025
Mean 1.259
RMS 0.5871
size [# of strips]

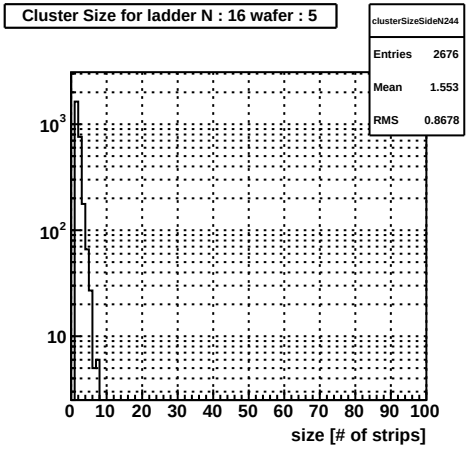

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4776
Mean 1.34
RMS 0.7123
size [# of strips]

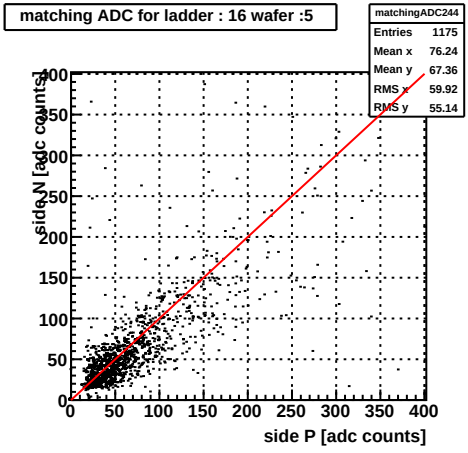

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 2061
Mean x 73.74
Mean y 65.19
RMS x 60.83
RMS y 54.49
side N [adc counts]
side P [adc counts]

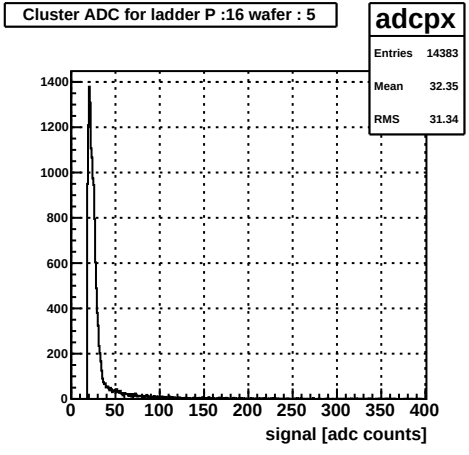

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4025
Mean 66.86
RMS 63.3
signal [adc counts]

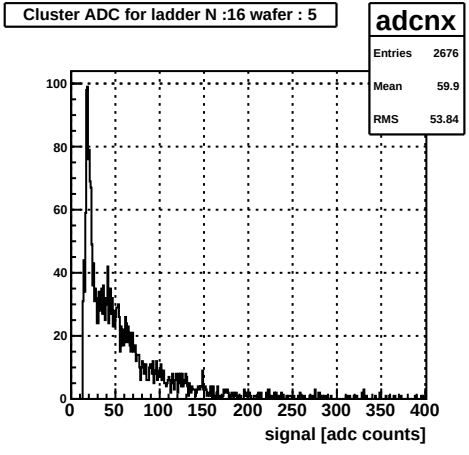

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4776
Mean 45.73
RMS 46.63
signal [adc counts]

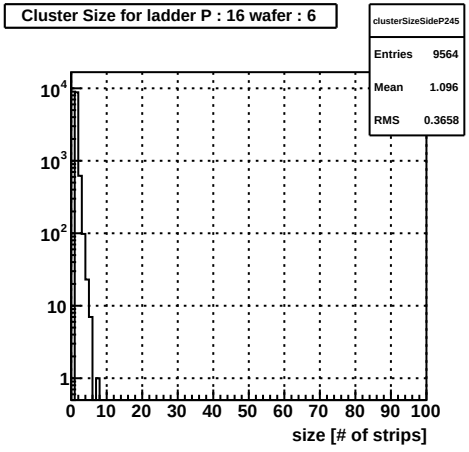

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14383
Mean 1.077
RMS 0.3227
size [# of strips]

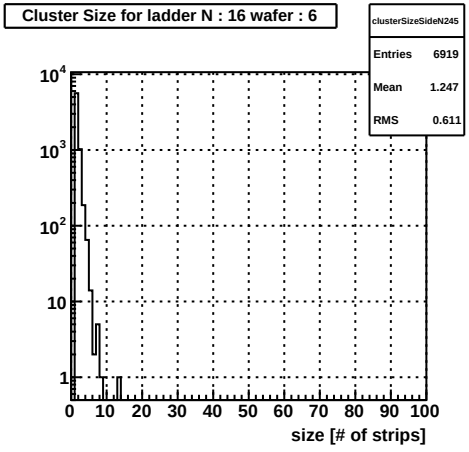

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2676
Mean 1.553
RMS 0.8678
size [# of strips]

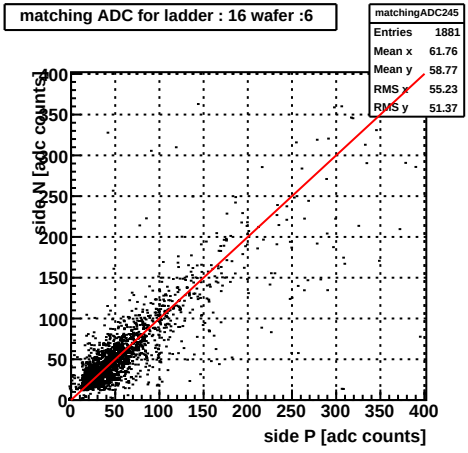

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1175
Mean x 76.24
Mean y 67.36
RMS x 59.92
RMS y 55.14
side N [adc counts]
side P [adc counts]

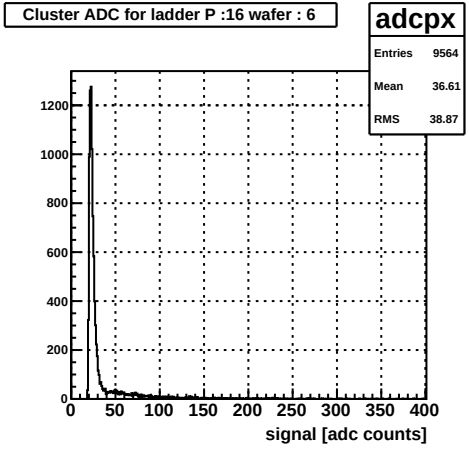

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14383
Mean 32.35
RMS 31.34
signal [adc counts]

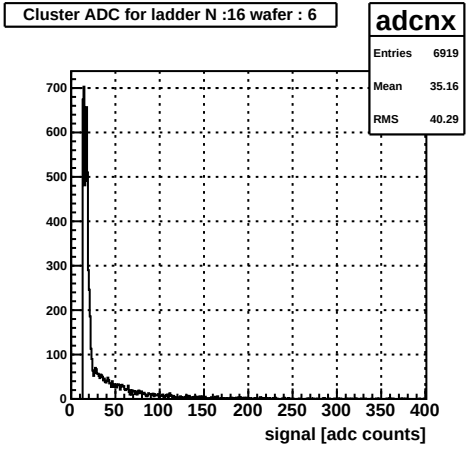

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2676
Mean 59.9
RMS 53.84
signal [adc counts]

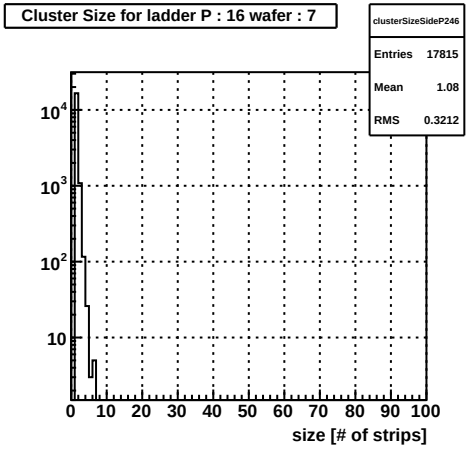

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9564
Mean 1.096
RMS 0.3658
size [# of strips]

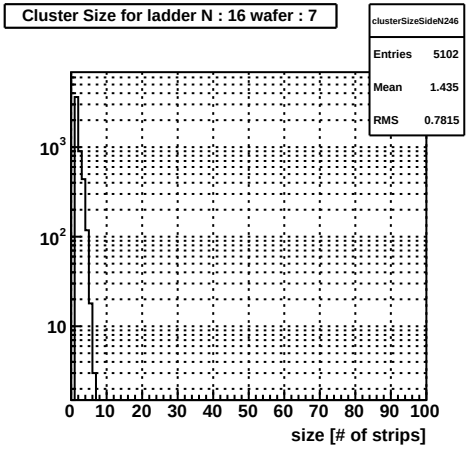

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6919
Mean 1.247
RMS 0.611
size [# of strips]

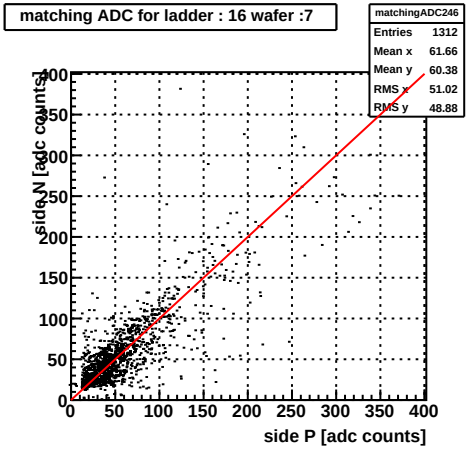

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1881
Mean x 61.76
Mean y 58.77
RMS x 55.23
RMS y 51.37
side N [adc counts]
side P [adc counts]

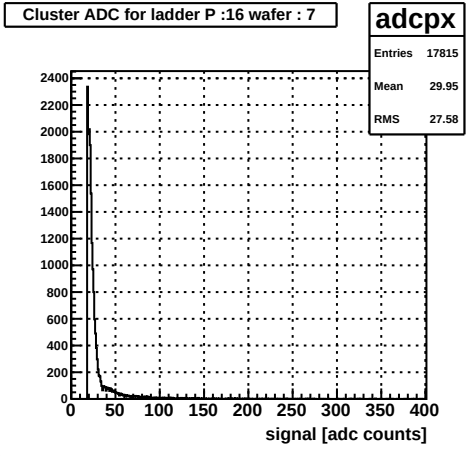

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9564
Mean 36.61
RMS 38.87
signal [adc counts]

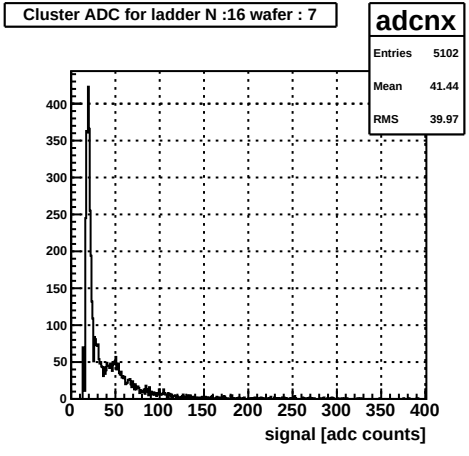

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6919
Mean 35.16
RMS 40.29
signal [adc counts]

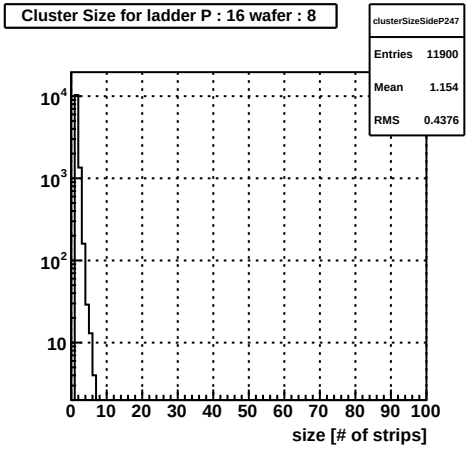

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 17815
Mean 1.08
RMS 0.3212
size [# of strips]

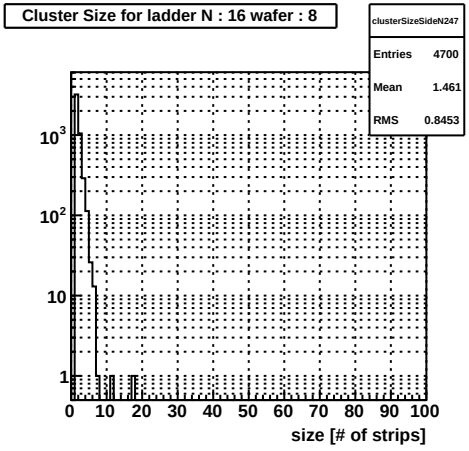

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5102
Mean 1.435
RMS 0.7815
size [# of strips]

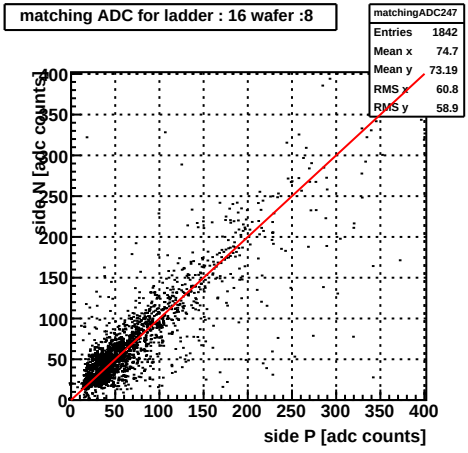

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1312
Mean x 61.66
Mean y 60.38
RMS x 51.02
RMS y 48.88
side N [adc counts]
side P [adc counts]

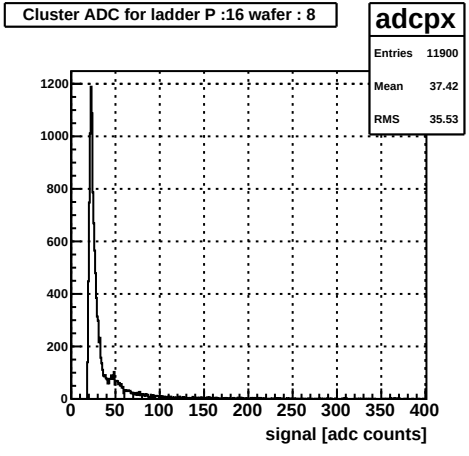

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 17815
Mean 29.95
RMS 27.58
signal [adc counts]

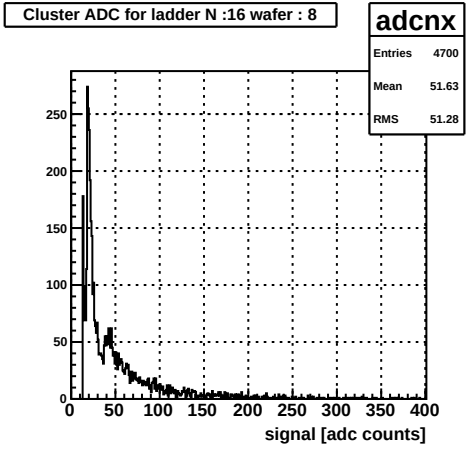

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5102
Mean 41.44
RMS 39.97
signal [adc counts]

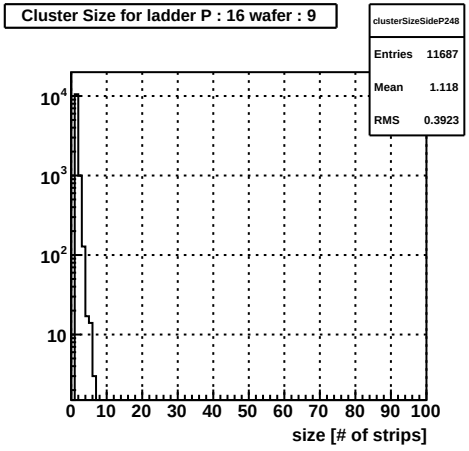

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11900
Mean 1.154
RMS 0.4376
size [# of strips]

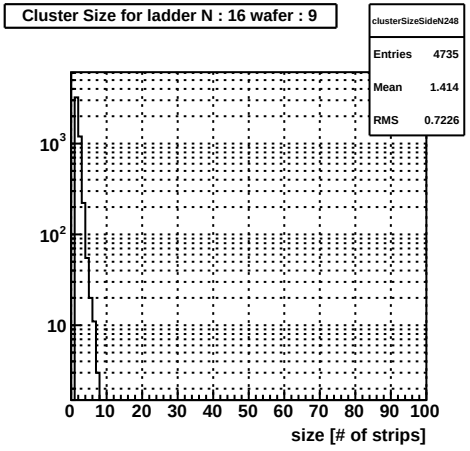

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4700
Mean 1.461
RMS 0.8453
size [# of strips]

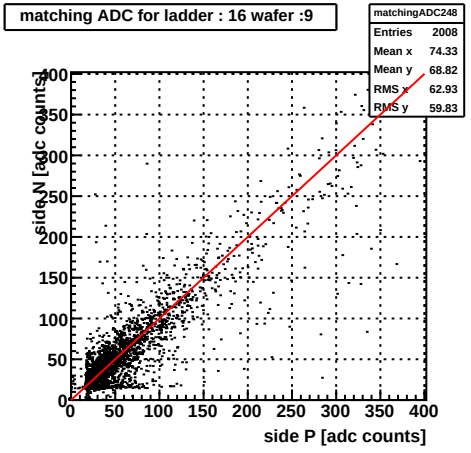

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1842
Mean x 74.7
Mean y 73.19
RMS x 60.8
RMS y 58.9
side N [adc counts]
side P [adc counts]

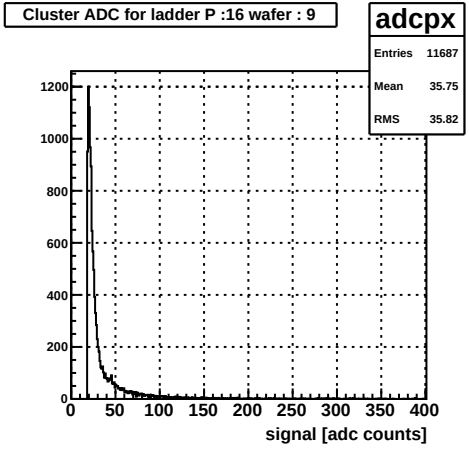

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11900
Mean 37.42
RMS 35.53
signal [adc counts]

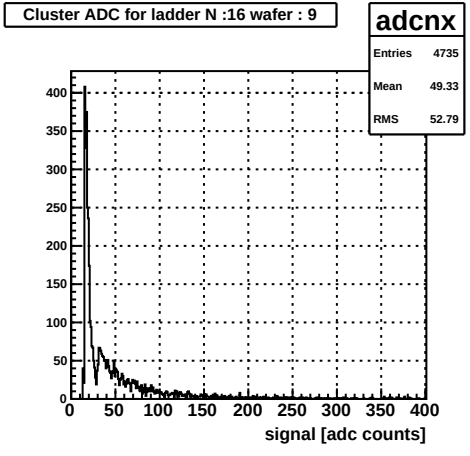

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4700
Mean 51.63
RMS 51.28
signal [adc counts]

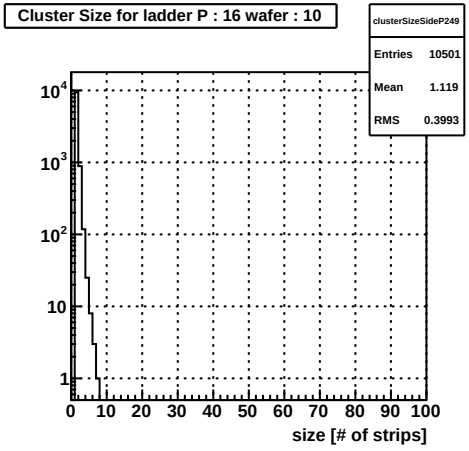

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11687
Mean 1.118
RMS 0.3923
size [# of strips]

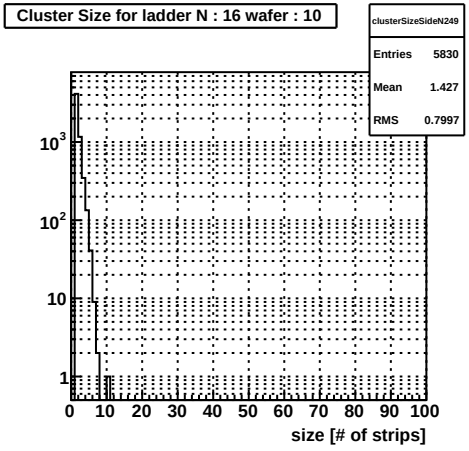

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4735
Mean 1.414
RMS 0.7226
size [# of strips]

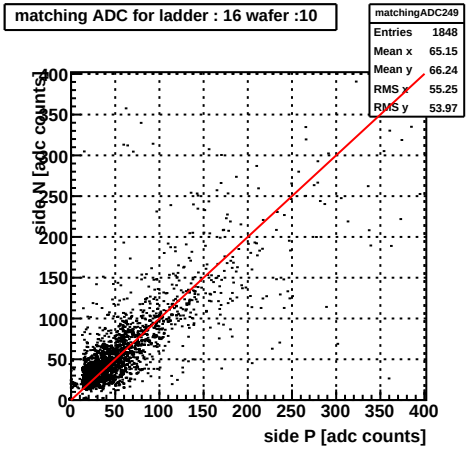

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2008
Mean x 74.33
Mean y 68.82
RMS x 62.93
RMS y 59.83
side N [adc counts]
side P [adc counts]

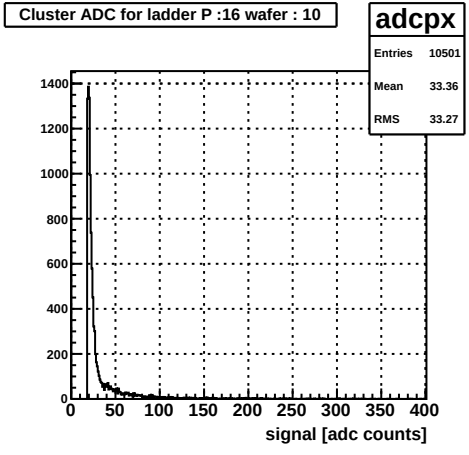

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11687
Mean 35.75
RMS 35.82
signal [adc counts]

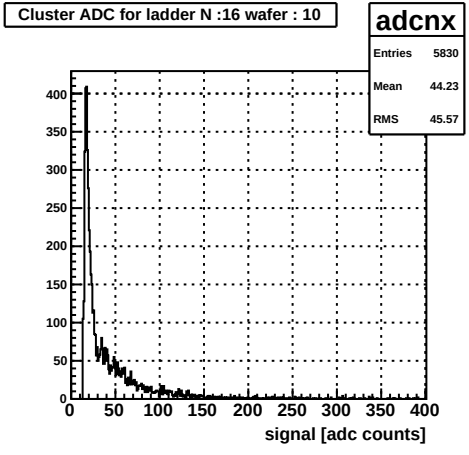

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4735
Mean 49.33
RMS 52.79
signal [adc counts]

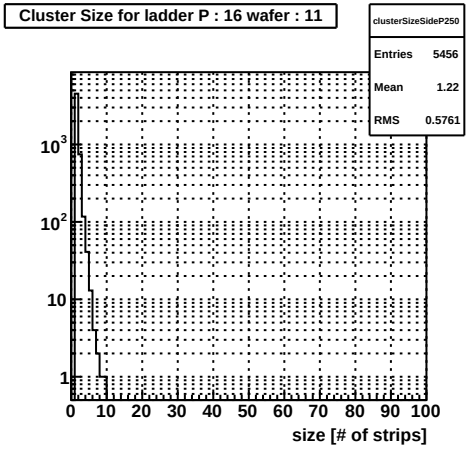

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10501
Mean 1.119
RMS 0.3993
size [# of strips]

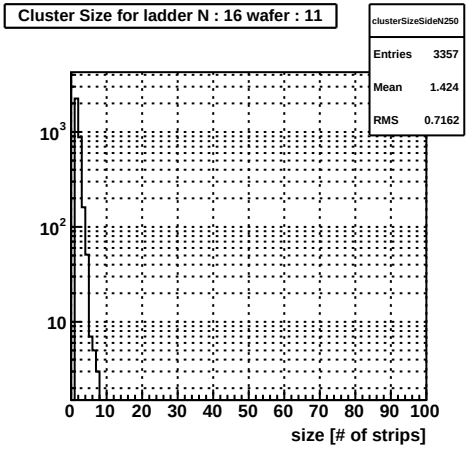

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5830
Mean 1.427
RMS 0.7997
size [# of strips]

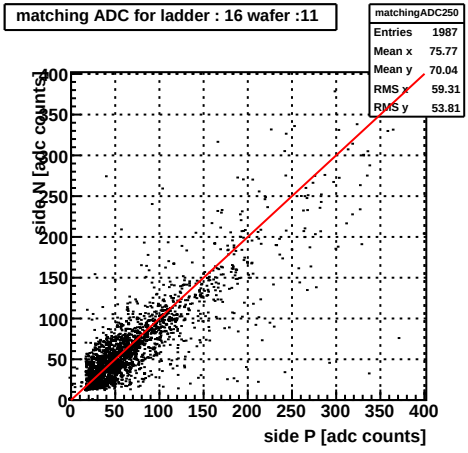

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1848
Mean x 65.15
Mean y 66.24
RMS x 55.25
RMS y 53.97
side N [adc counts]
side P [adc counts]

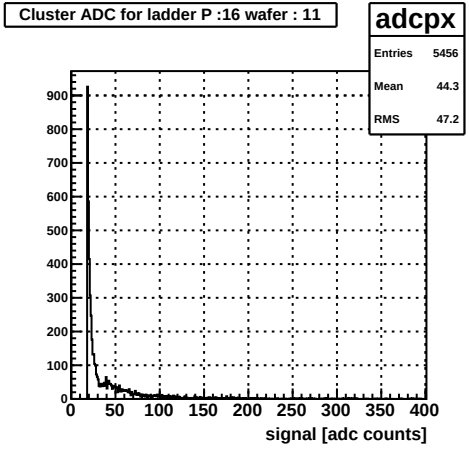

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10501
Mean 33.36
RMS 33.27
signal [adc counts]

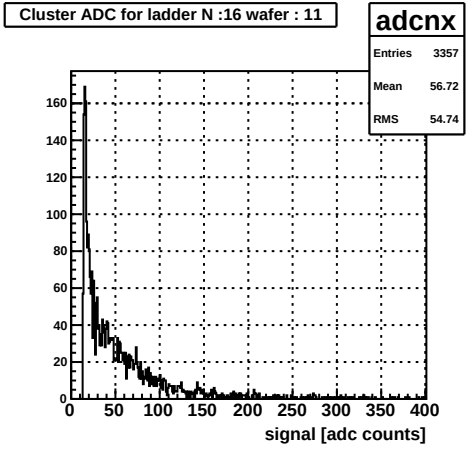

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5830
Mean 44.23
RMS 45.57
signal [adc counts]

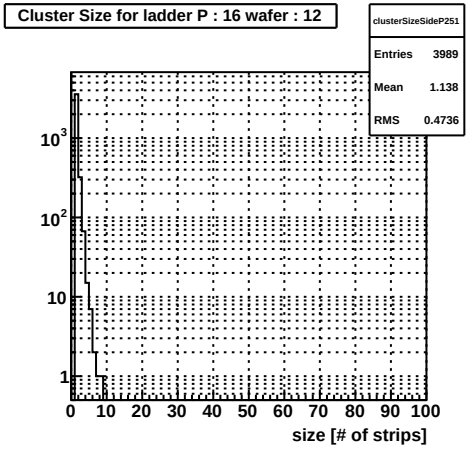

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5456
Mean 1.22
RMS 0.5761
size [# of strips]

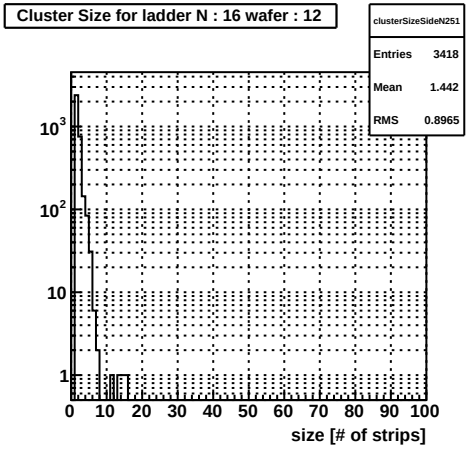

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3357
Mean 1.424
RMS 0.7162
size [# of strips]

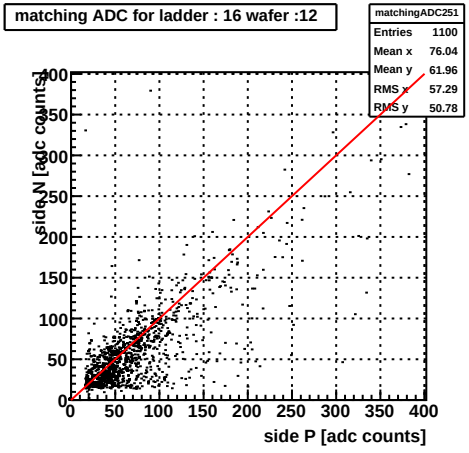

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1987
Mean x 75.77
Mean y 70.04
RMS x 59.31
RMS y 53.81
side N [adc counts]
side P [adc counts]

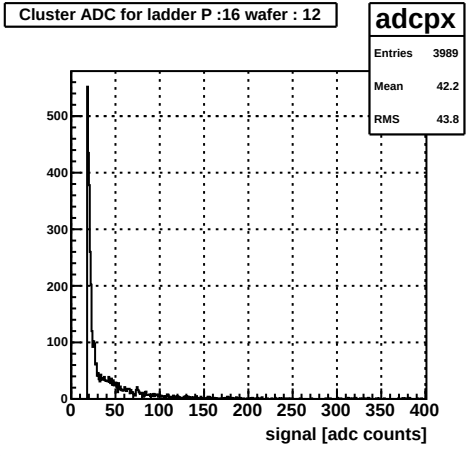

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5456
Mean 44.3
RMS 47.2
signal [adc counts]

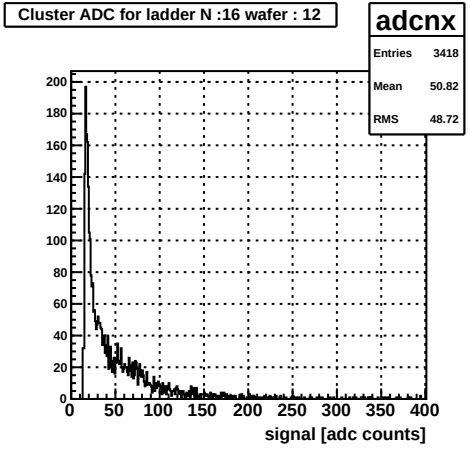

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3357
Mean 56.72
RMS 54.74
signal [adc counts]

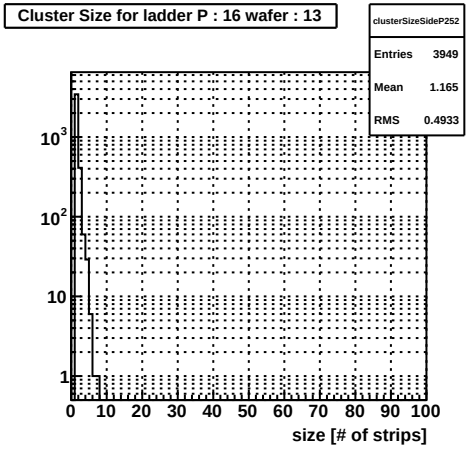

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3989
Mean 1.138
RMS 0.4736
size [# of strips]

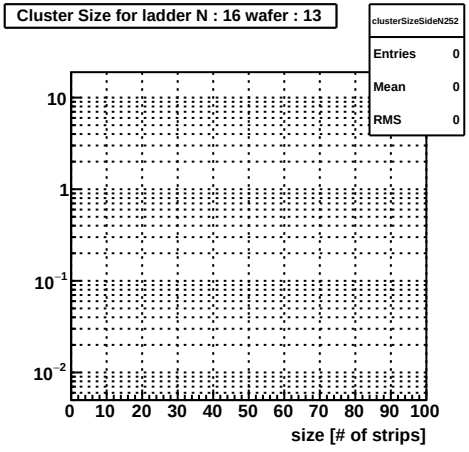

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3418
Mean 1.442
RMS 0.8965
size [# of strips]

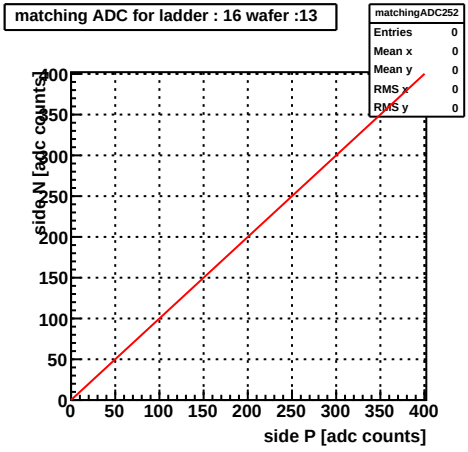

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1100
Mean x 76.04
Mean y 61.96
RMS x 57.29
RMS y 50.78
side N [adc counts]
side P [adc counts]

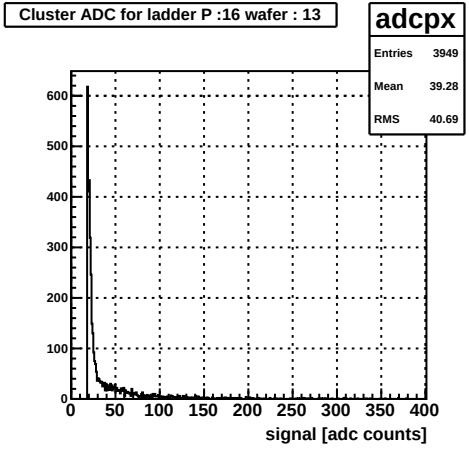

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3989
Mean 42.2
RMS 43.8
signal [adc counts]

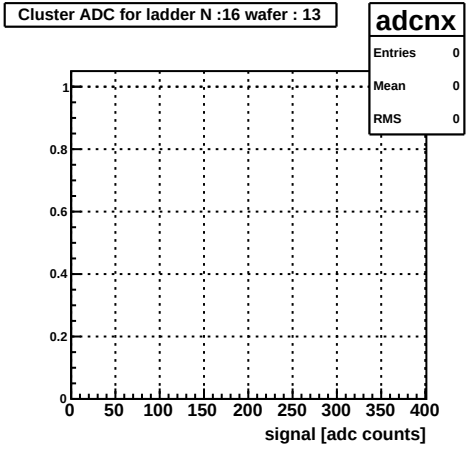

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3418
Mean 50.82
RMS 48.72
signal [adc counts]

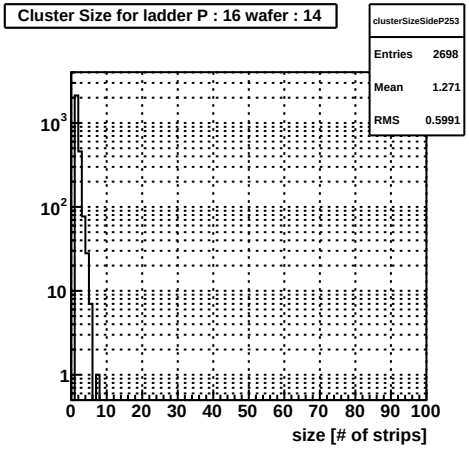

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3949
Mean 1.165
RMS 0.4933
size [# of strips]

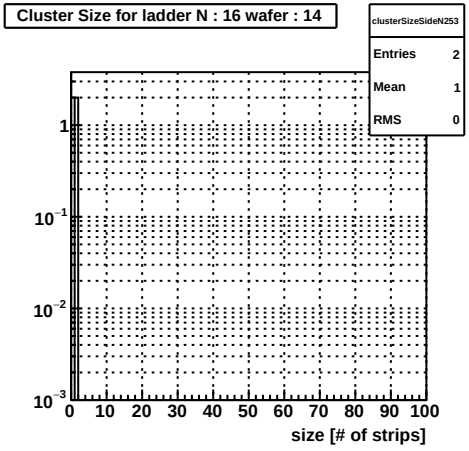

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

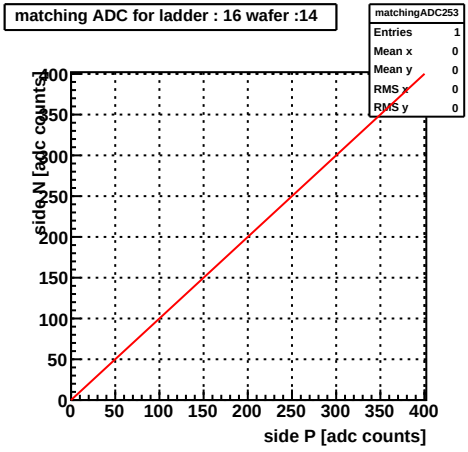

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

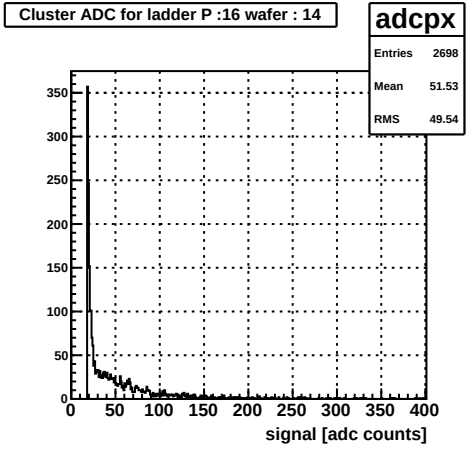

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3949
Mean 39.28
RMS 40.69
signal [adc counts]

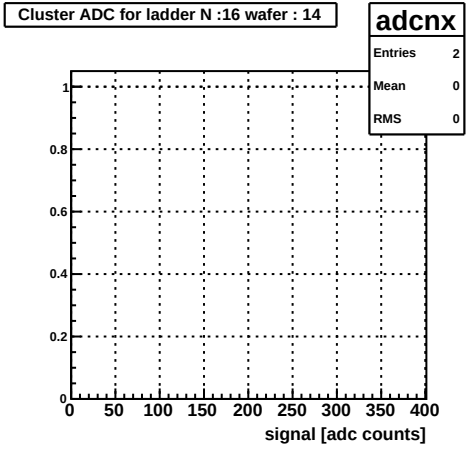

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

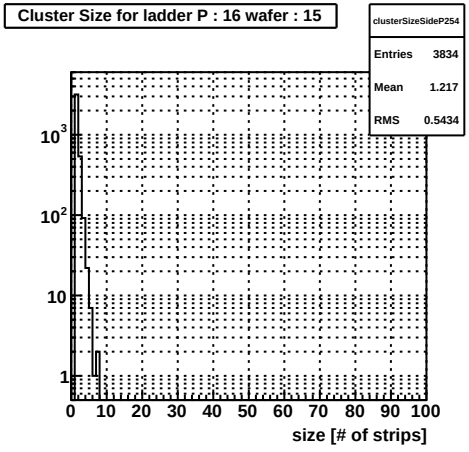

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2698
Mean 1.271
RMS 0.5991
size [# of strips]

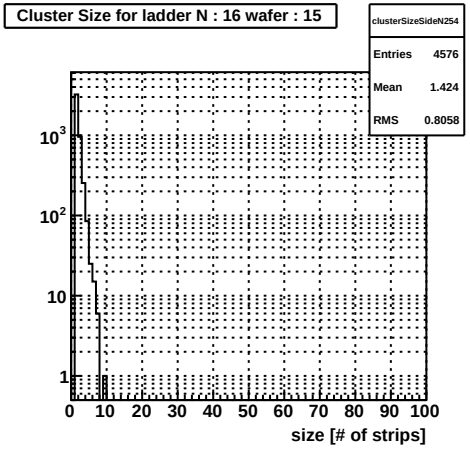

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

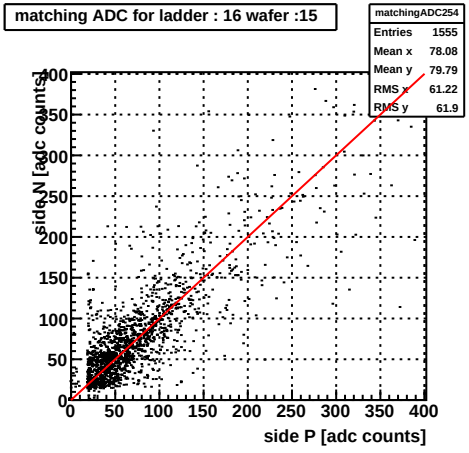

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

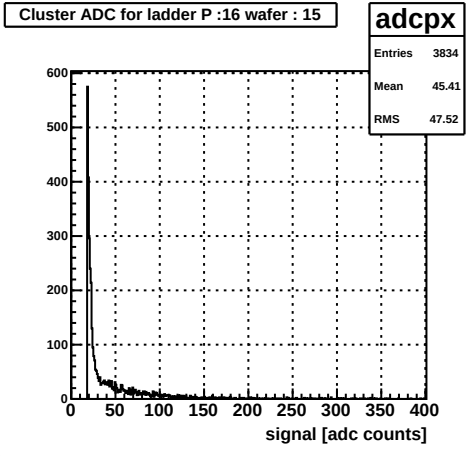

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2698
Mean 51.53
RMS 49.54
signal [adc counts]

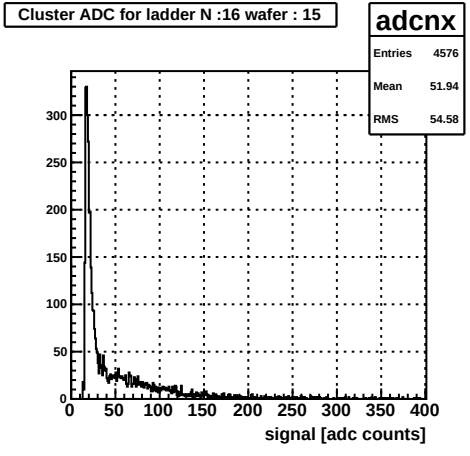

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

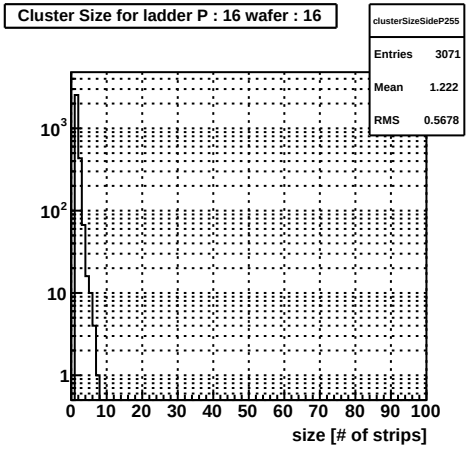

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3834
Mean 1.217
RMS 0.5434
size [# of strips]

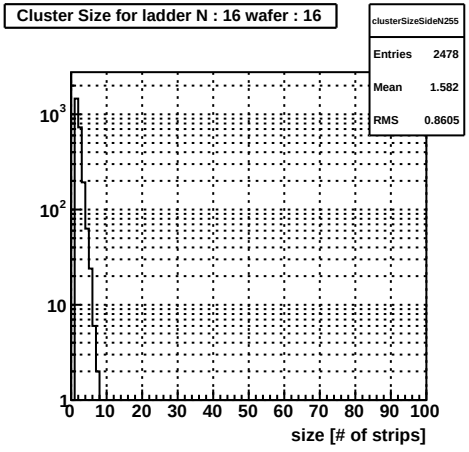

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4576
Mean 1.424
RMS 0.8058
size [# of strips]

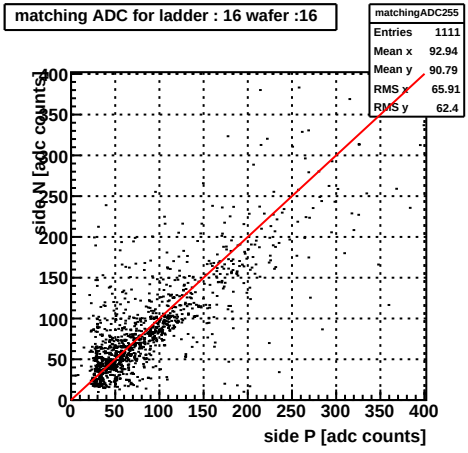

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1555
Mean x 78.08
Mean y 79.79
RMS x 61.22
RMS y 61.9
side N [adc counts]
side P [adc counts]

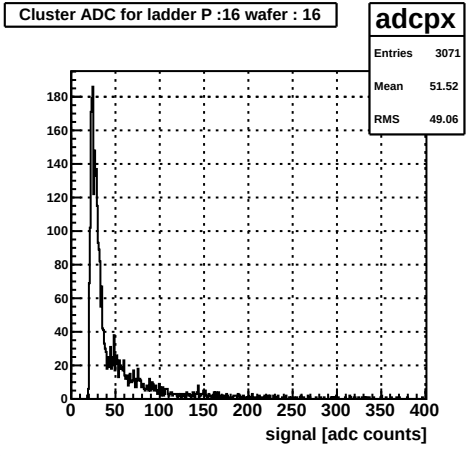

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3834
Mean 45.41
RMS 47.52
signal [adc counts]

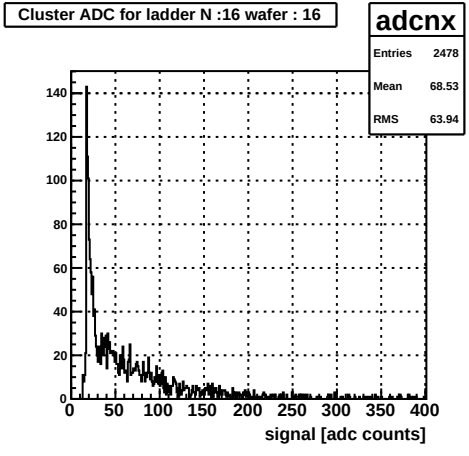

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4576
Mean 51.94
RMS 54.58
signal [adc counts]

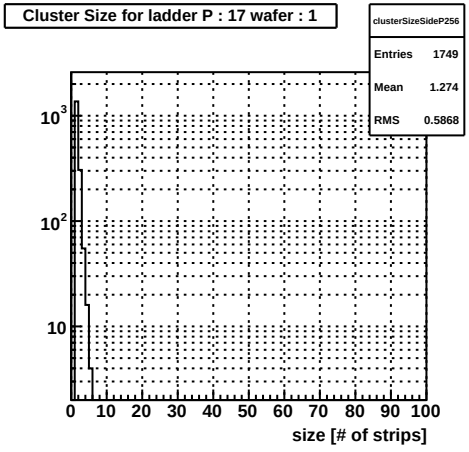

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3071
Mean 1.222
RMS 0.5678
size [# of strips]

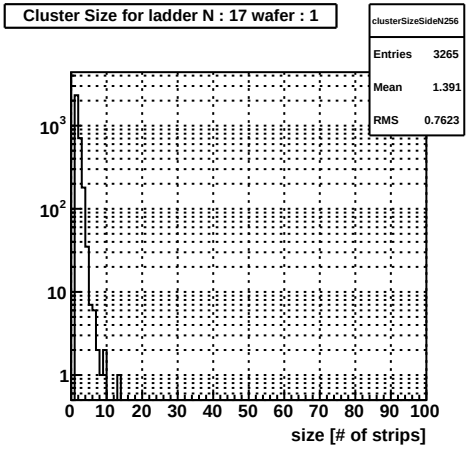

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2478
Mean 1.582
RMS 0.8605
size [# of strips]

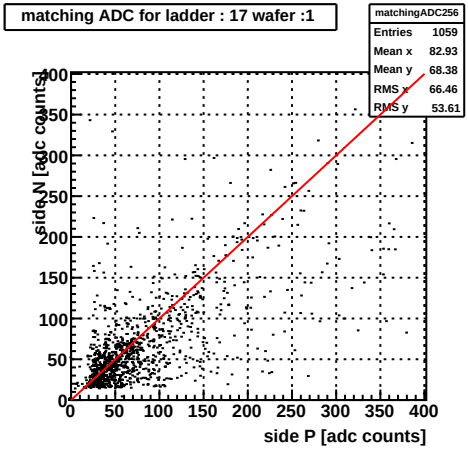

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1111
Mean x 92.94
Mean y 90.79
RMS x 65.91
RMS y 62.4
side N [adc counts]
side P [adc counts]

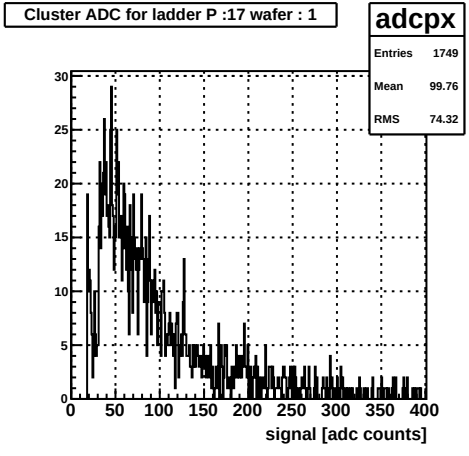

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3071
Mean 51.52
RMS 49.06
signal [adc counts]

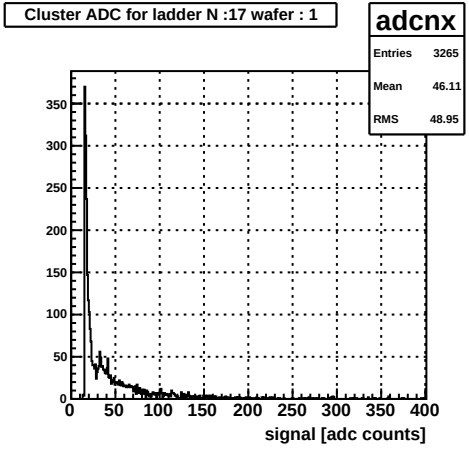

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2478
Mean 68.53
RMS 63.94
signal [adc counts]

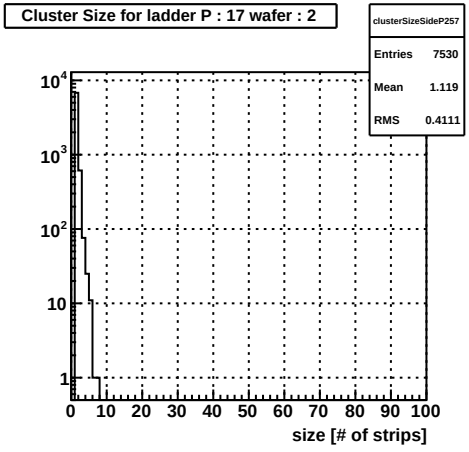

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1749
Mean 1.274
RMS 0.5868
size [# of strips]

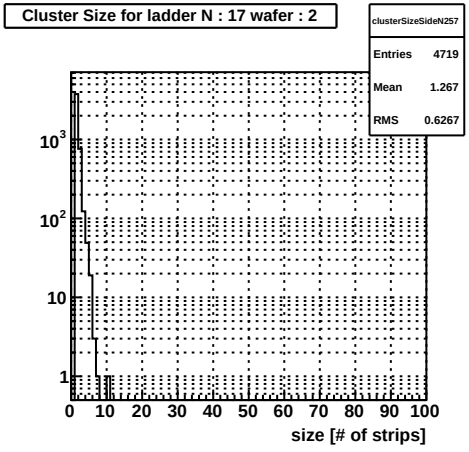

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 3265
Mean 1.391
RMS 0.7623
size [# of strips]

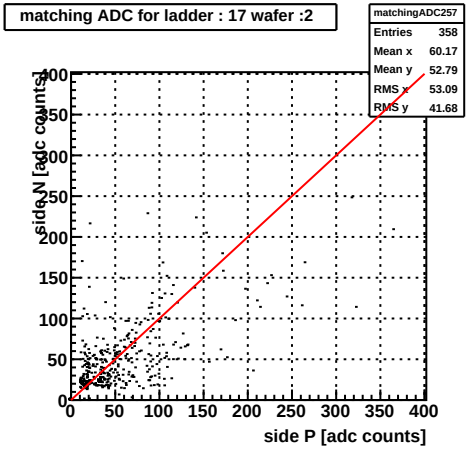

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1059
Mean x 82.93
Mean y 68.38
RMS x 66.46
RMS y 53.61
side N [adc counts]
side P [adc counts]

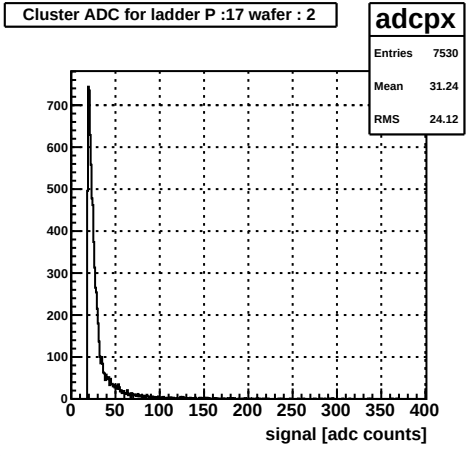

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1749
Mean 99.76
RMS 74.32
signal [adc counts]

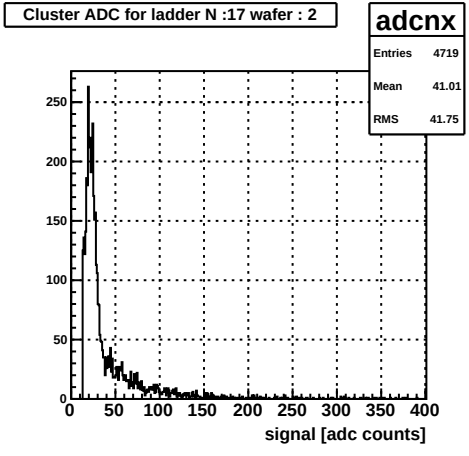

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 3265
Mean 46.11
RMS 48.95
signal [adc counts]

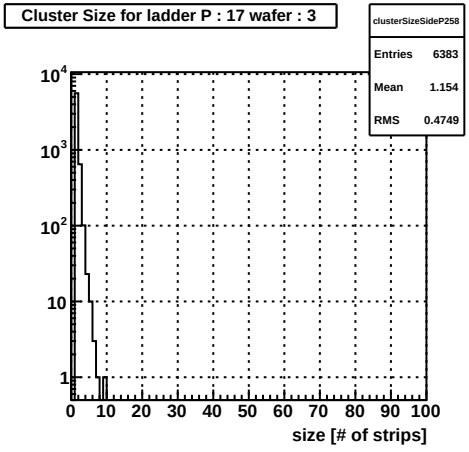

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7530
Mean 1.119
RMS 0.4111
size [# of strips]

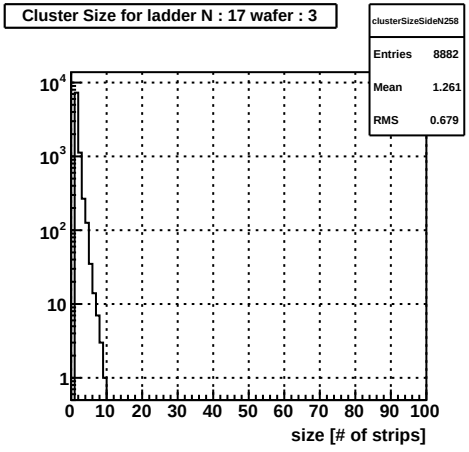

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4719
Mean 1.267
RMS 0.6267
size [# of strips]

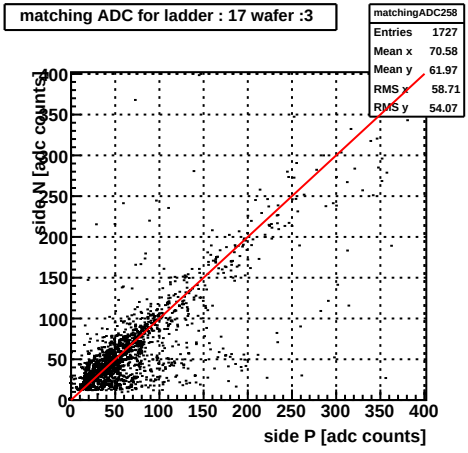

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 358
Mean x 60.17
Mean y 52.79
RMS x 53.09
RMS y 41.68
side N [adc counts]
side P [adc counts]

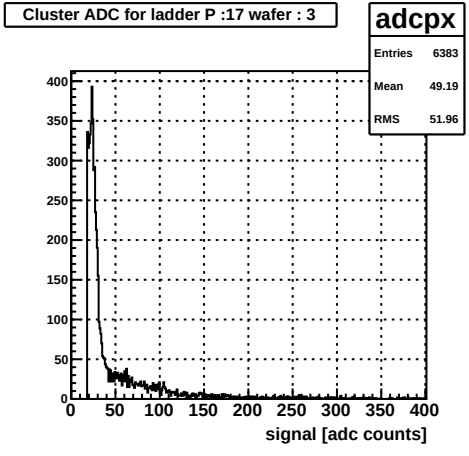

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7530
Mean 31.24
RMS 24.12
signal [adc counts]

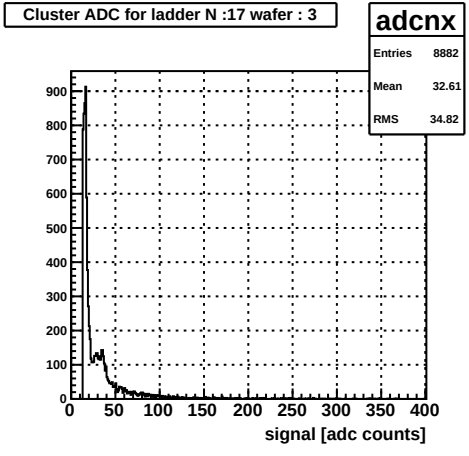

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4719
Mean 41.01
RMS 41.75
signal [adc counts]

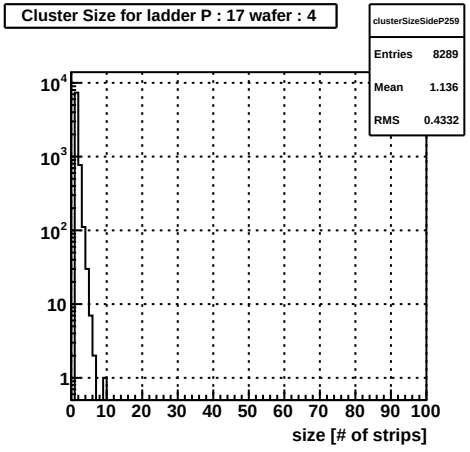

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6383
Mean 1.154
RMS 0.4749
size [# of strips]

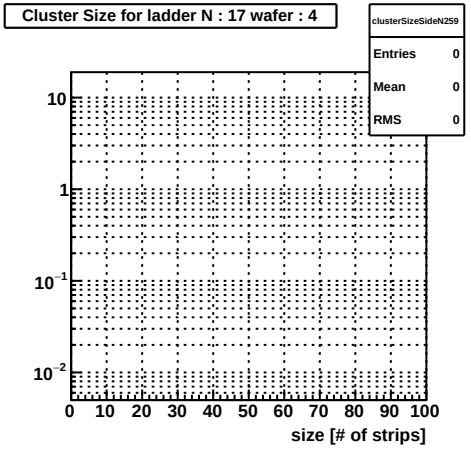

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8882
Mean 1.261
RMS 0.679
size [# of strips]

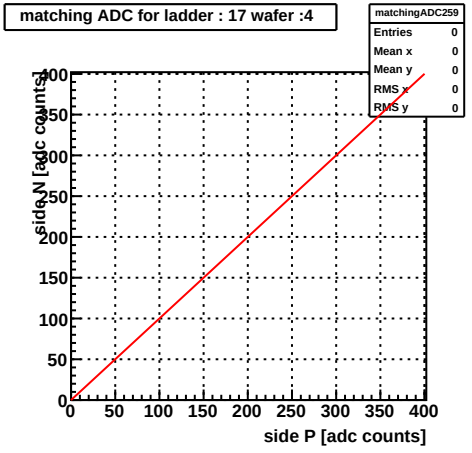

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1727
Mean x 70.58
Mean y 61.97
RMS x 58.71
RMS y 54.07
side N [adc counts]
side P [adc counts]

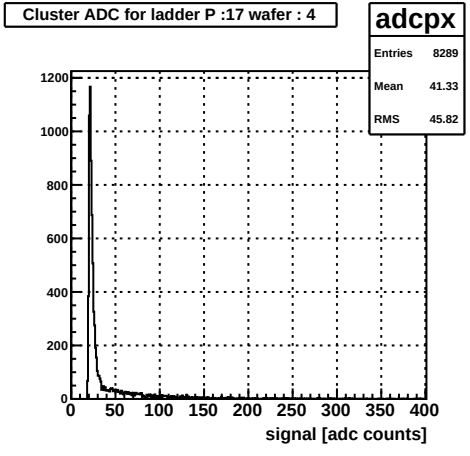

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6383
Mean 49.19
RMS 51.96
signal [adc counts]

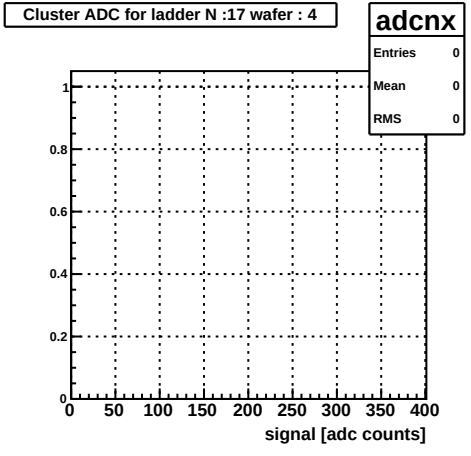

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8882
Mean 32.61
RMS 34.82
signal [adc counts]

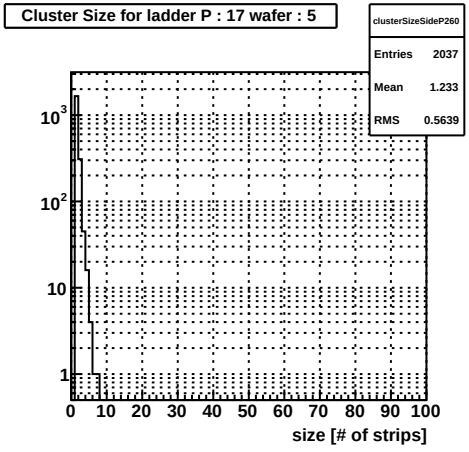

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8289
Mean 1.136
RMS 0.4332
size [# of strips]

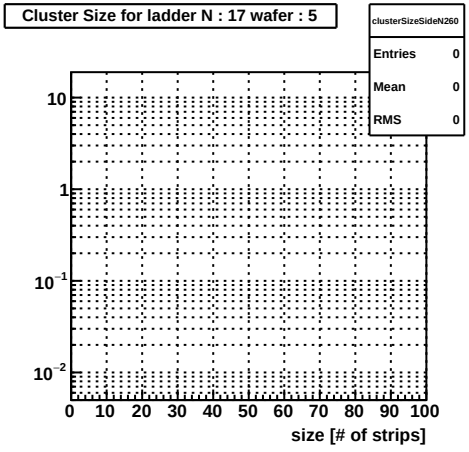

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

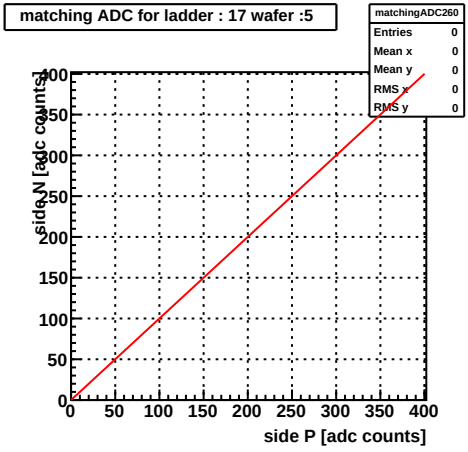

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

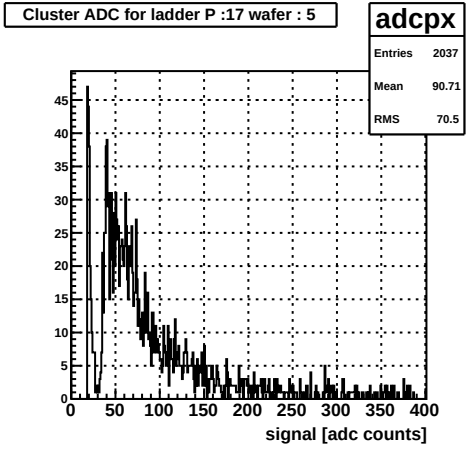

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8289
Mean 41.33
RMS 45.82
signal [adc counts]

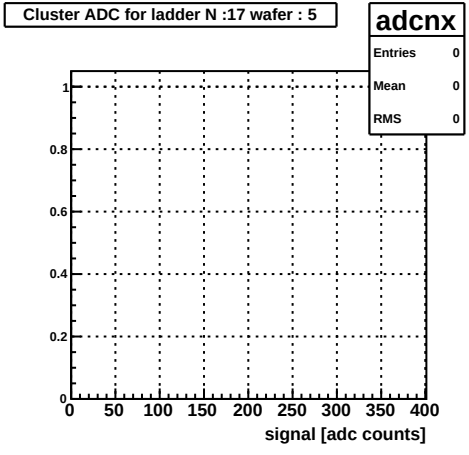

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

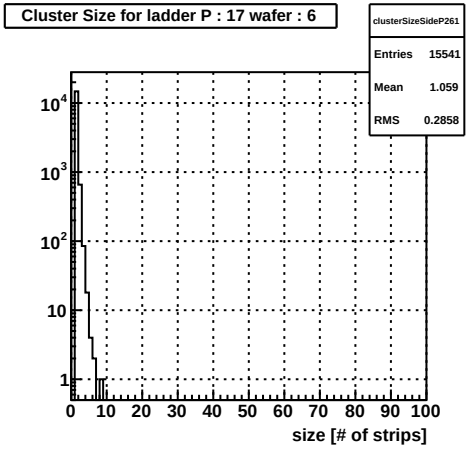

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2037
Mean 1.233
RMS 0.5639
size [# of strips]

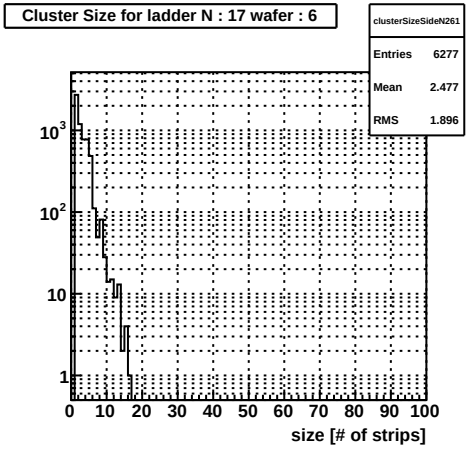

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

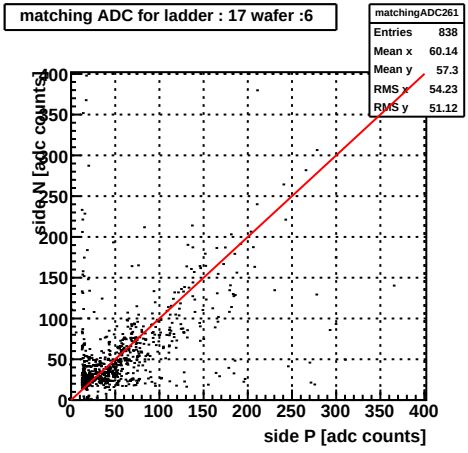

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

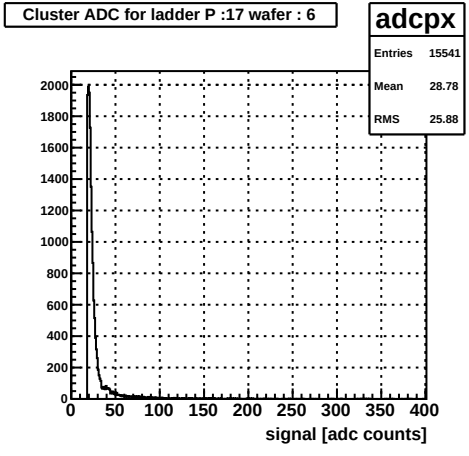

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2037
Mean 90.71
RMS 70.5
signal [adc counts]

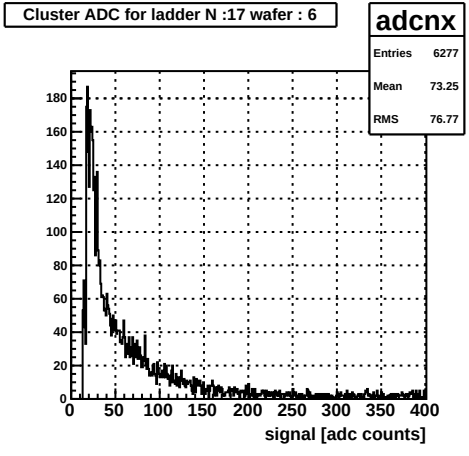

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

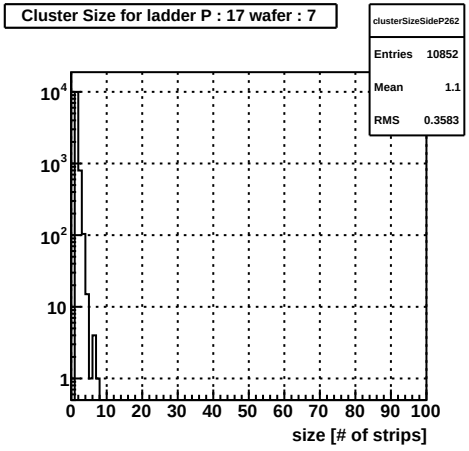

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15541
Mean 1.059
RMS 0.2858
size [# of strips]

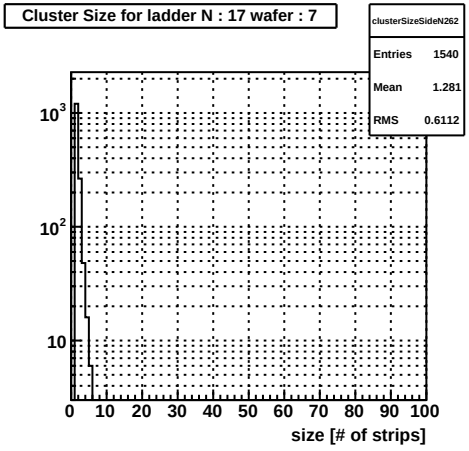

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6277
Mean 2.477
RMS 1.896
size [# of strips]

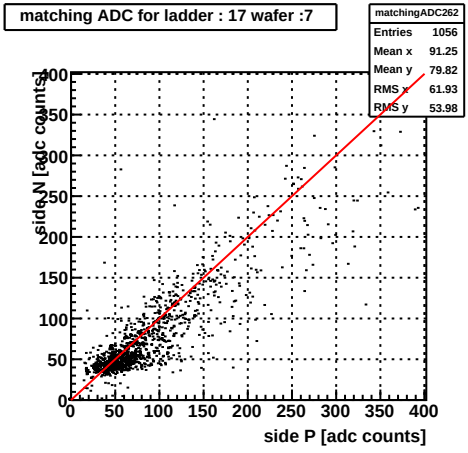

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 838
Mean x 60.14
Mean y 57.3
RMS x 54.23
RMS y 51.12
side N [adc counts]
side P [adc counts]

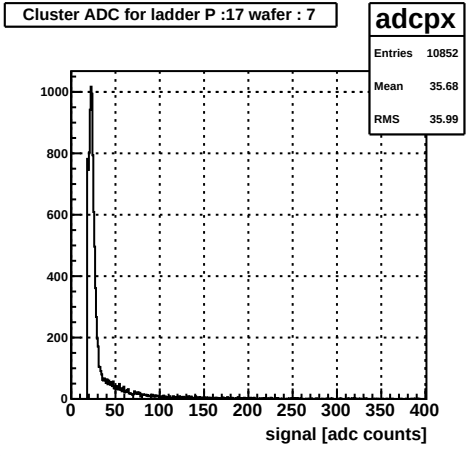

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15541
Mean 28.78
RMS 25.88
signal [adc counts]

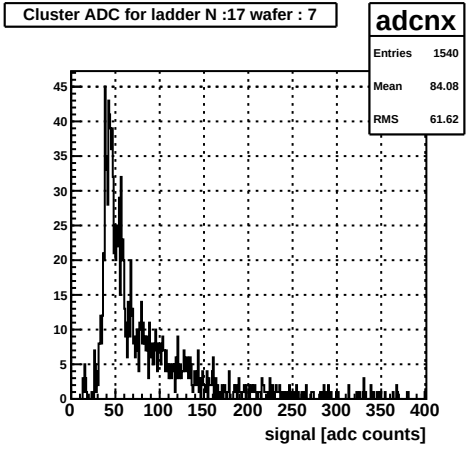

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6277
Mean 73.25
RMS 76.77
signal [adc counts]

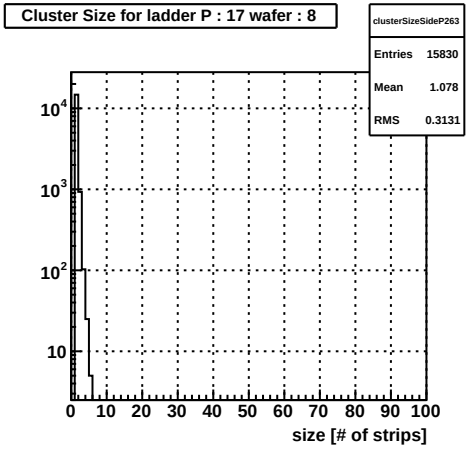

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10852
Mean 1.1
RMS 0.3583
size [# of strips]

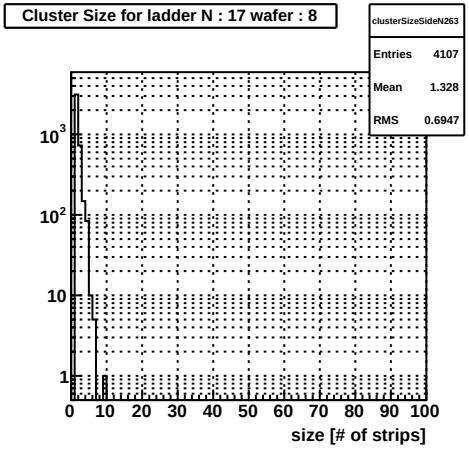

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1540
Mean 1.281
RMS 0.6112
size [# of strips]

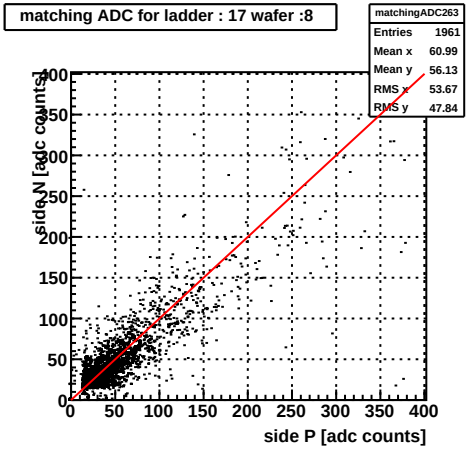

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1056
Mean x 91.25
Mean y 79.82
RMS x 61.93
RMS y 53.98
side N [adc counts]
side P [adc counts]

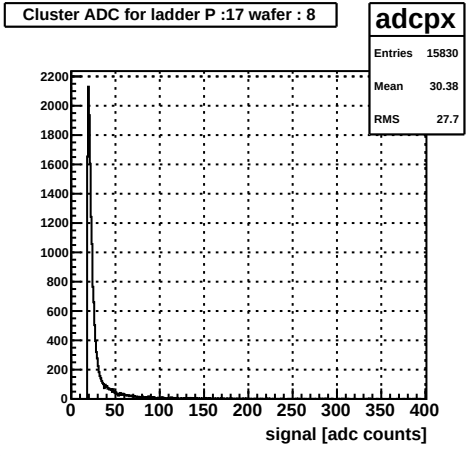

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10852
Mean 35.68
RMS 35.99
signal [adc counts]

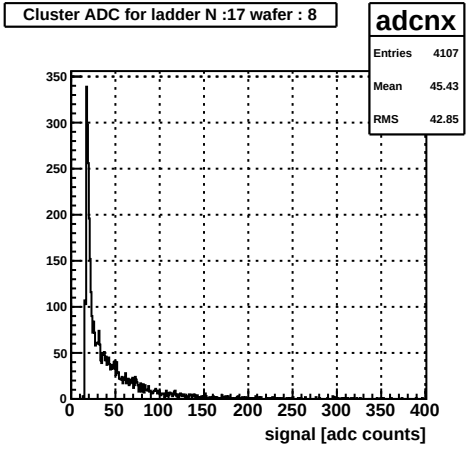

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1540
Mean 84.08
RMS 61.62
signal [adc counts]

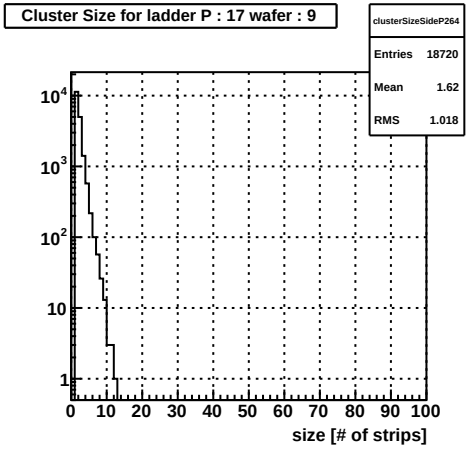

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15830
Mean 1.078
RMS 0.3131
size [# of strips]

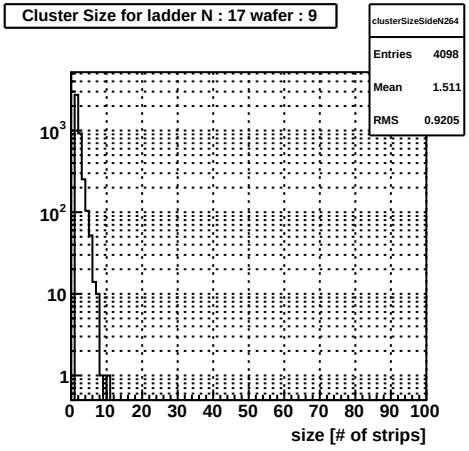

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4107
Mean 1.328
RMS 0.6947
size [# of strips]

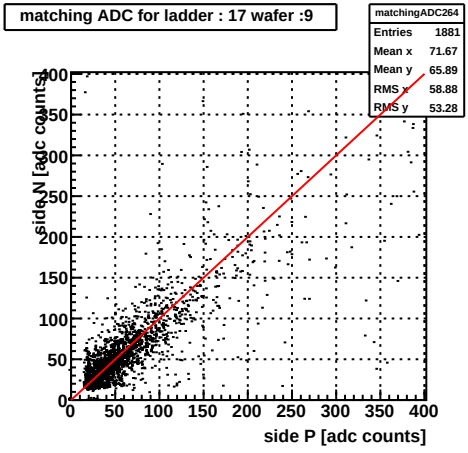

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1961
Mean x 60.99
Mean y 56.13
RMS x 53.67
RMS y 47.84
side N [adc counts]
side P [adc counts]

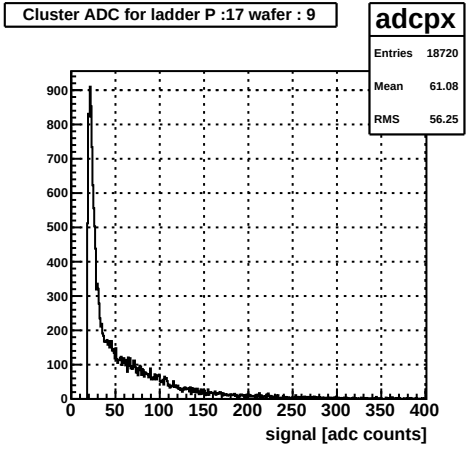

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15830
Mean 30.38
RMS 27.7
signal [adc counts]

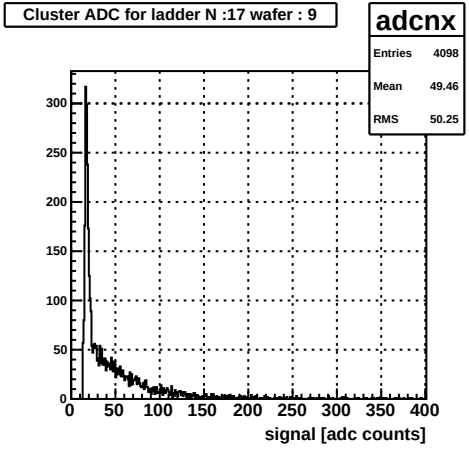

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4107
Mean 45.43
RMS 42.85
signal [adc counts]

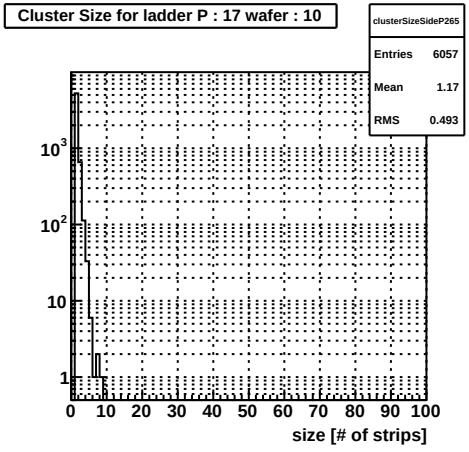

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18720
Mean 1.62
RMS 1.018
size [# of strips]

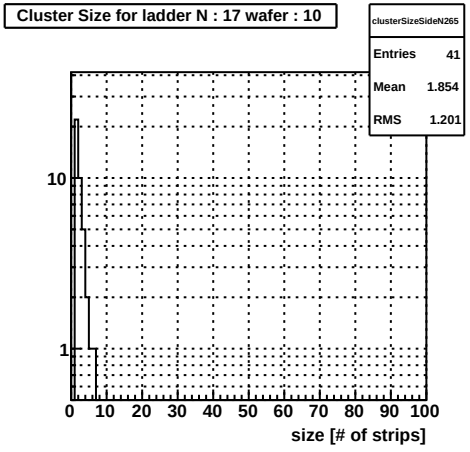

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4098
Mean 1.511
RMS 0.9205
size [# of strips]

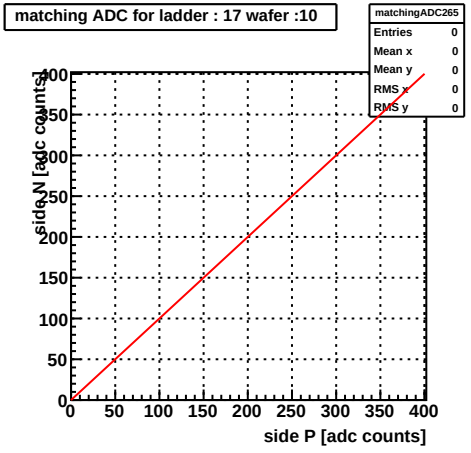

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1881
Mean x 71.67
Mean y 65.89
RMS x 58.88
RMS y 53.28
side N [adc counts]
side P [adc counts]

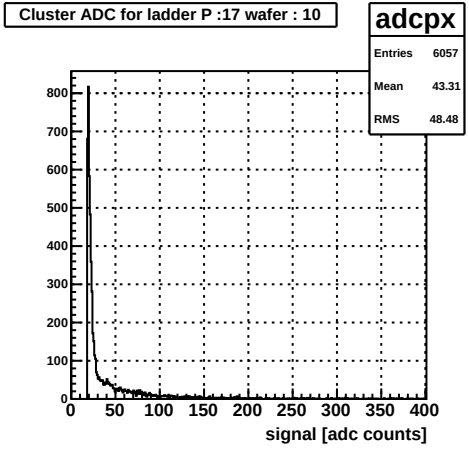

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18720
Mean 61.08
RMS 56.25
signal [adc counts]

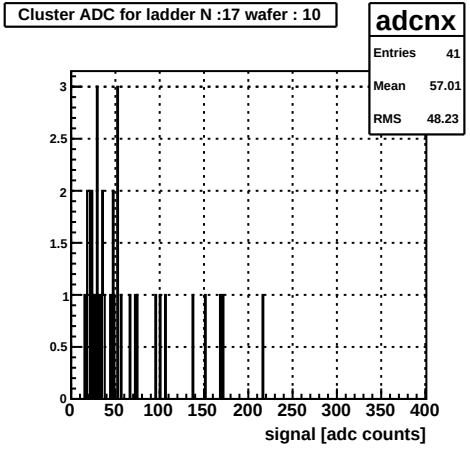

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4098
Mean 49.46
RMS 50.25
signal [adc counts]

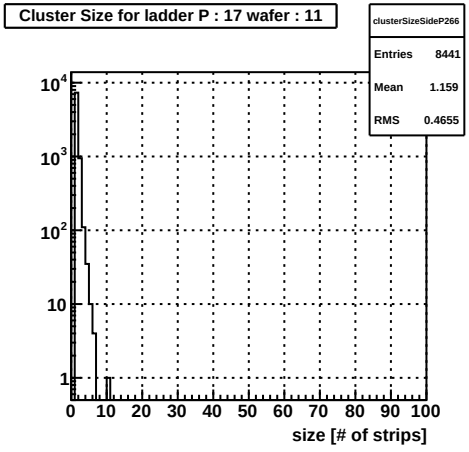

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6057
Mean 1.17
RMS 0.493
size [# of strips]

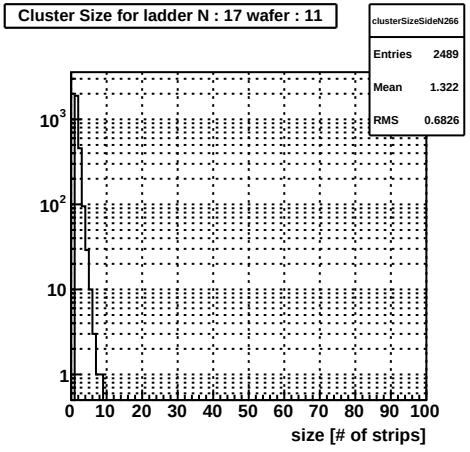

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 41
Mean 1.854
RMS 1.201
size [# of strips]

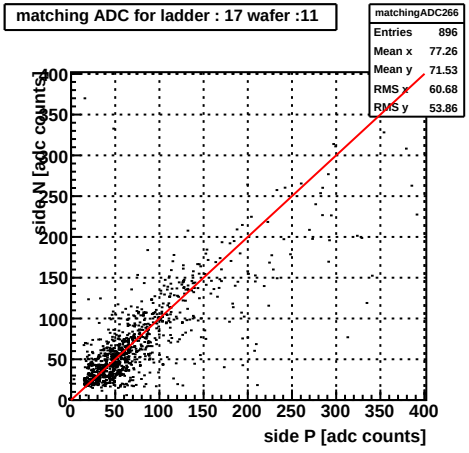

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

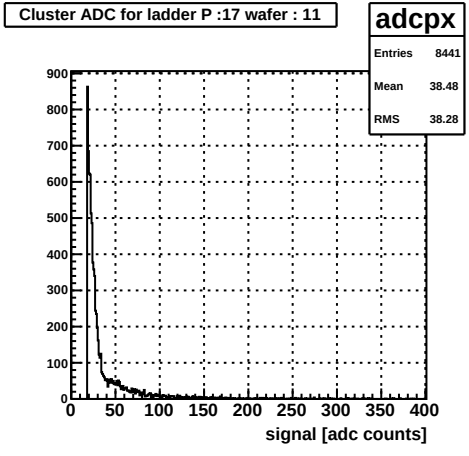

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6057
Mean 43.31
RMS 48.48
signal [adc counts]

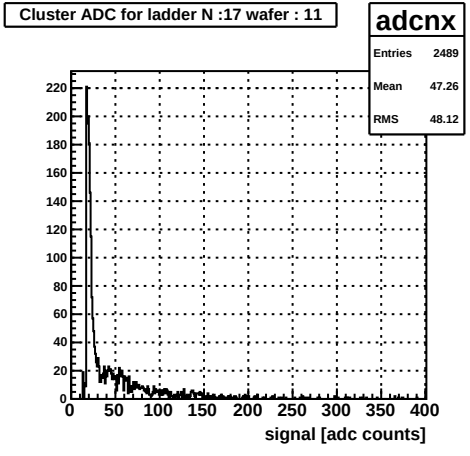

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 41
Mean 57.01
RMS 48.23
signal [adc counts]

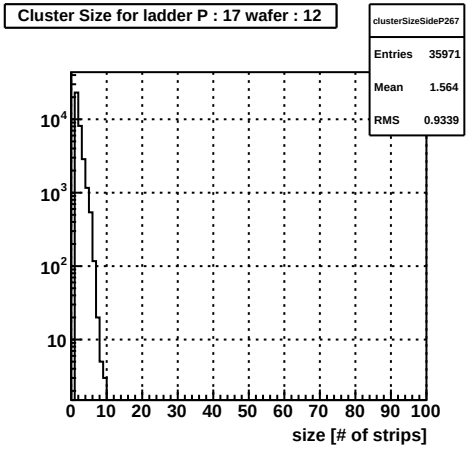

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8441
Mean 1.159
RMS 0.4655
size [# of strips]

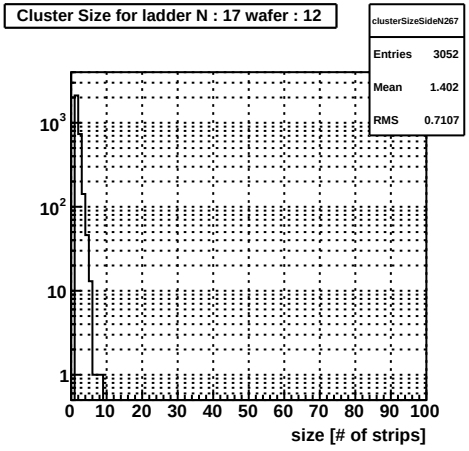

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2489
Mean 1.322
RMS 0.6826
size [# of strips]

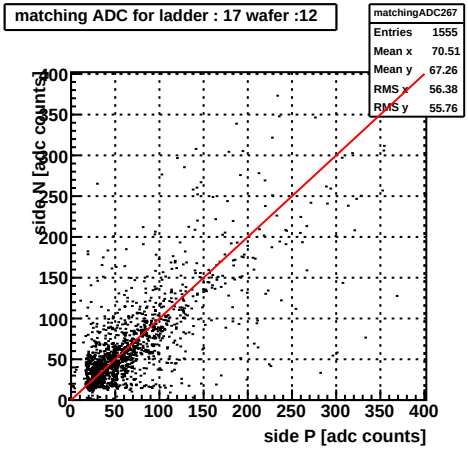

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 896
Mean x 77.26
Mean y 71.53
RMS x 60.68
RMS y 53.86
side N [adc counts]
side P [adc counts]

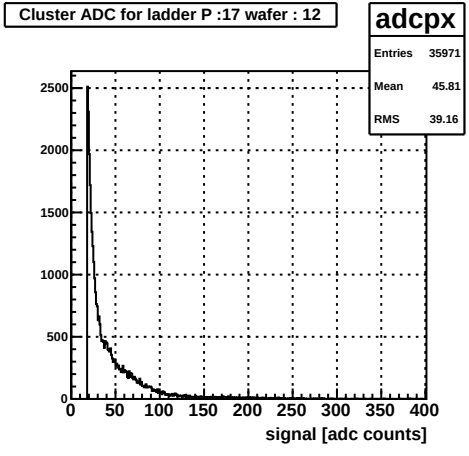

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8441
Mean 38.48
RMS 38.28
signal [adc counts]

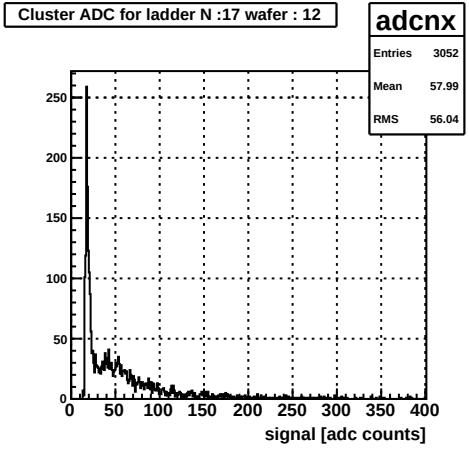

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2489
Mean 47.26
RMS 48.12
signal [adc counts]

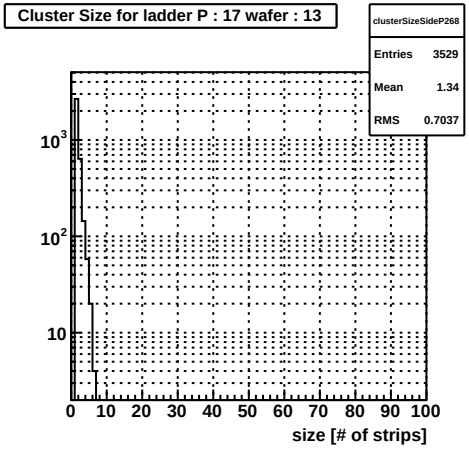

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 35971
Mean 1.564
RMS 0.9339
size [# of strips]

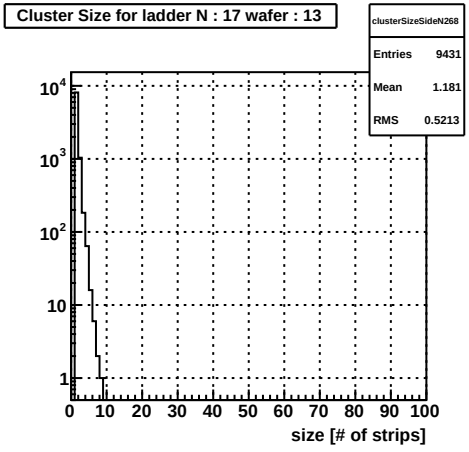

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 3052
Mean 1.402
RMS 0.7107
size [# of strips]

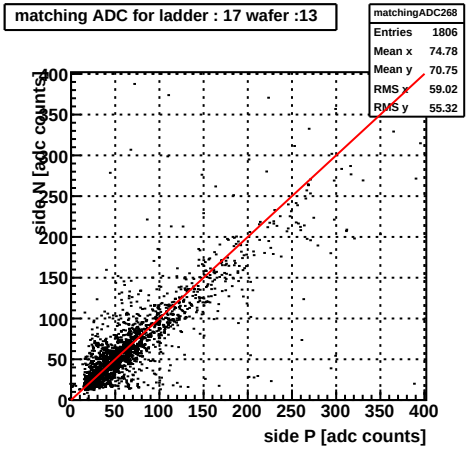

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1555
Mean x 70.51
Mean y 67.26
RMS x 56.38
RMS y 55.76
side N [adc counts]
side P [adc counts]

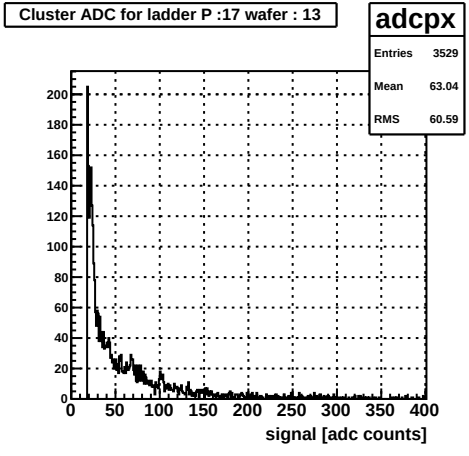

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 35971
Mean 45.81
RMS 39.16
signal [adc counts]

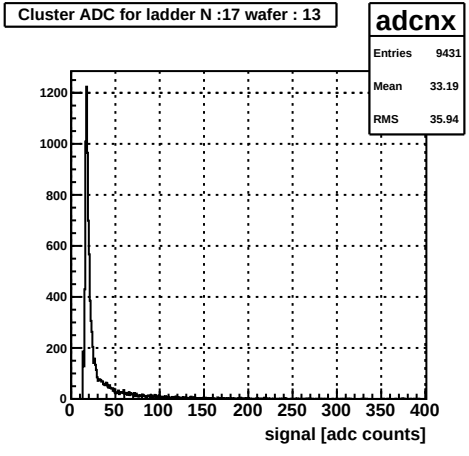

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 3052
Mean 57.99
RMS 56.04
signal [adc counts]

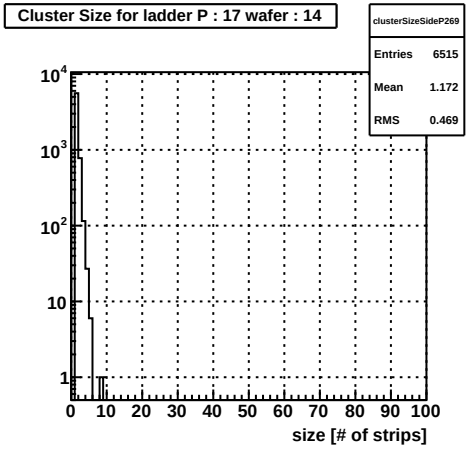

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3529
Mean 1.34
RMS 0.7037
size [# of strips]

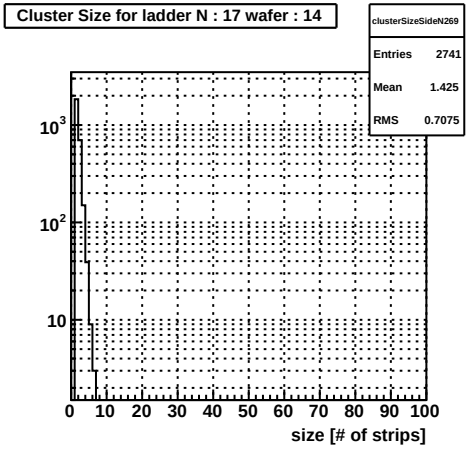

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9431
Mean 1.181
RMS 0.5213
size [# of strips]

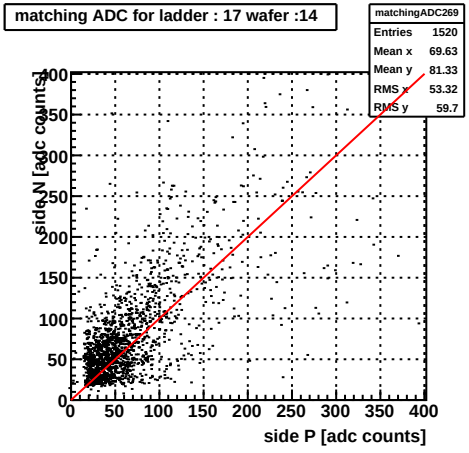

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1806
Mean x 74.78
Mean y 70.75
RMS x 59.02
RMS y 55.32
side N [adc counts]
side P [adc counts]

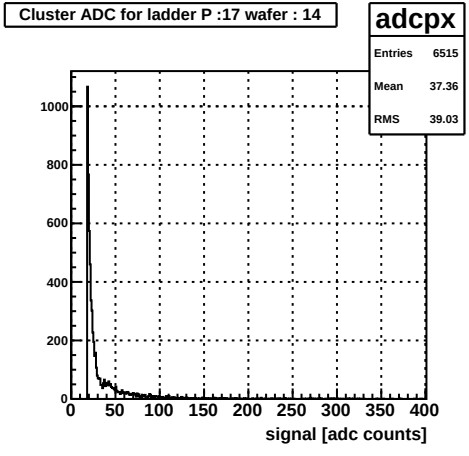

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3529
Mean 63.04
RMS 60.59
signal [adc counts]

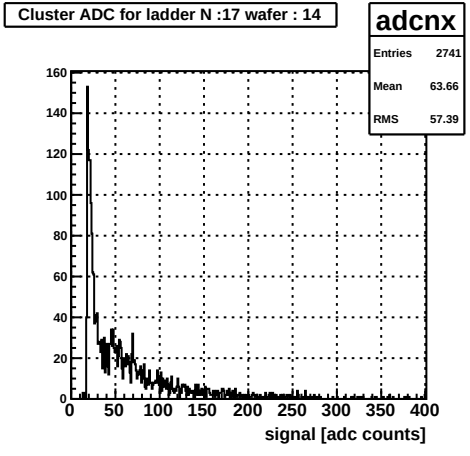

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9431
Mean 33.19
RMS 35.94
signal [adc counts]

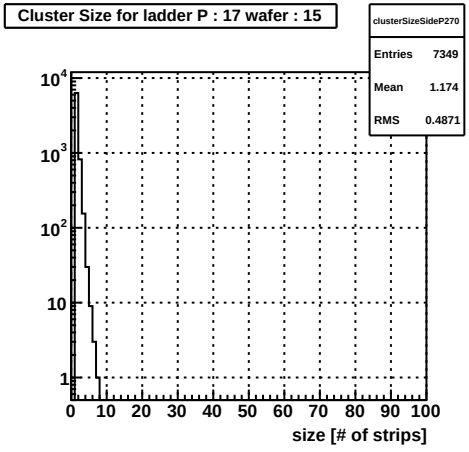

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6515
Mean 1.172
RMS 0.469
size [# of strips]

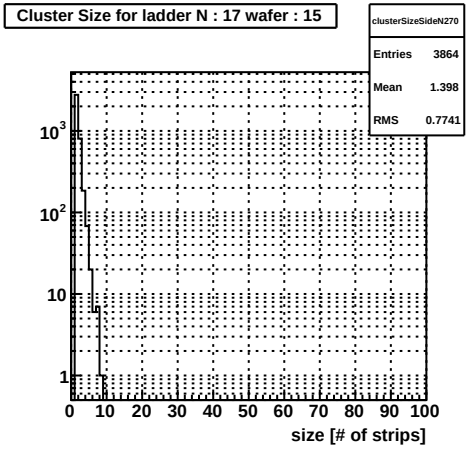

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2741
Mean 1.425
RMS 0.7075
size [# of strips]

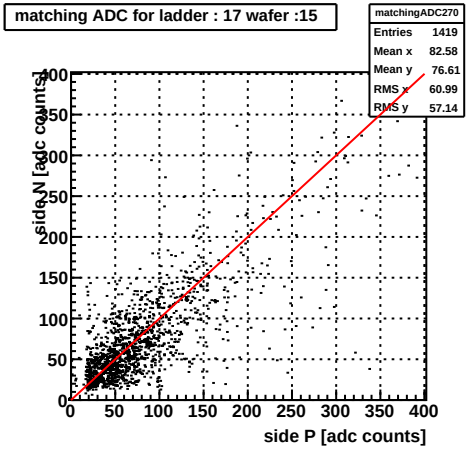

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1520
Mean x 69.63
Mean y 81.33
RMS x 53.32
RMS y 59.7
side N [adc counts]
side P [adc counts]

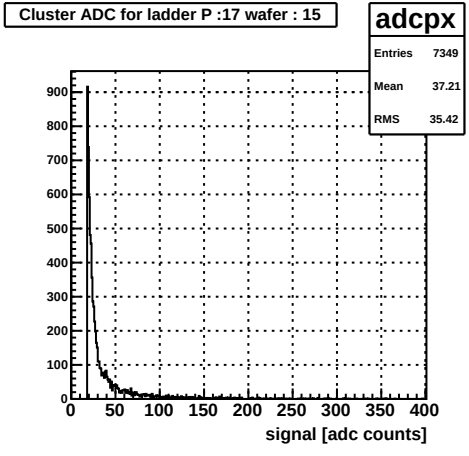

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6515
Mean 37.36
RMS 39.03
signal [adc counts]

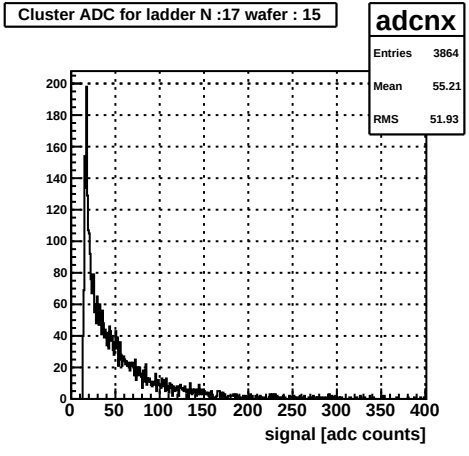

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2741
Mean 63.66
RMS 57.39
signal [adc counts]

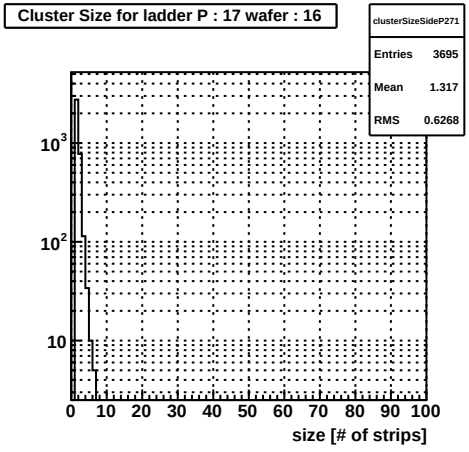

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7349
Mean 1.174
RMS 0.4871
size [# of strips]

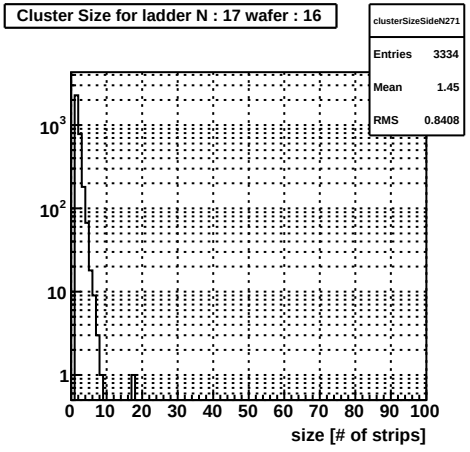

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3864
Mean 1.398
RMS 0.7741
size [# of strips]

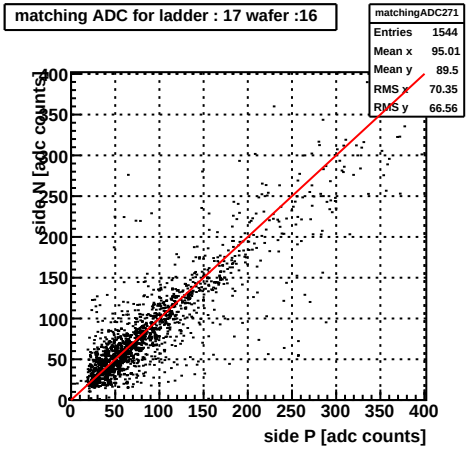

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1419
Mean x 82.58
Mean y 76.61
RMS x 60.99
RMS y 57.14
side N [adc counts]
side P [adc counts]

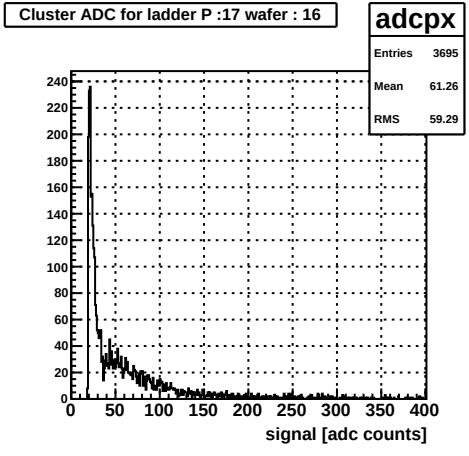

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7349
Mean 37.21
RMS 35.42
signal [adc counts]

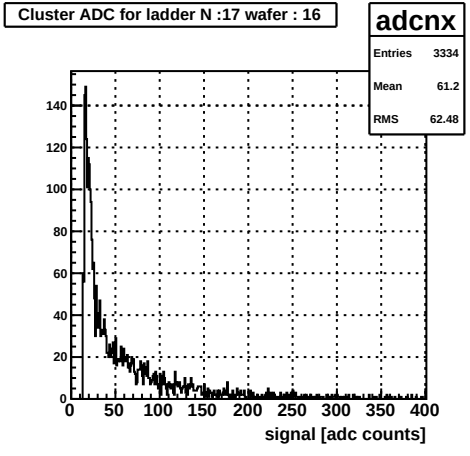

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3864
Mean 55.21
RMS 51.93
signal [adc counts]

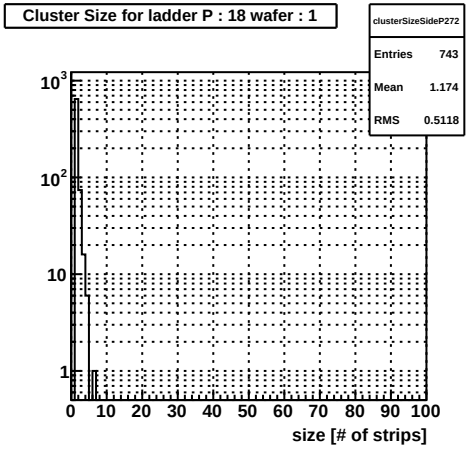

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3695
Mean 1.317
RMS 0.6268
size [# of strips]

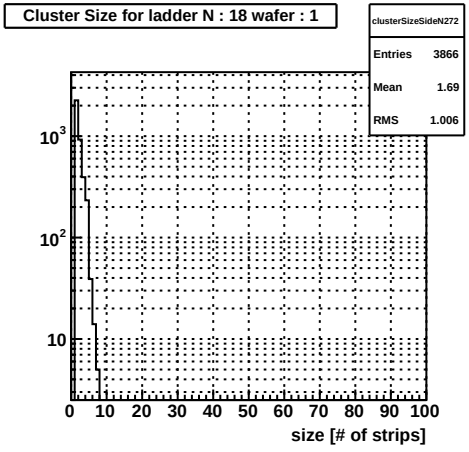

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 3334
Mean 1.45
RMS 0.8408
size [# of strips]

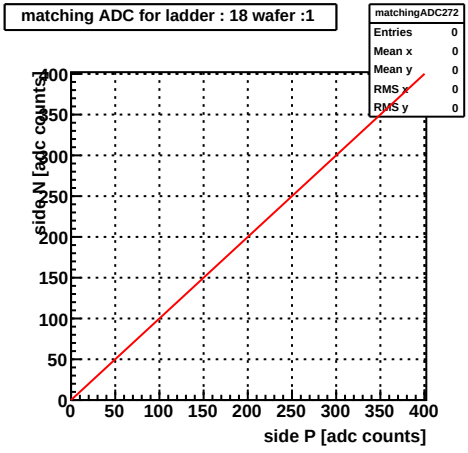

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1544
Mean x 95.01
Mean y 89.5
RMS x 70.35
RMS y 66.56
side N [adc counts]
side P [adc counts]

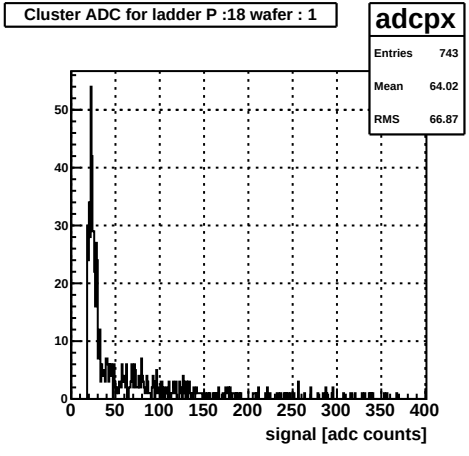

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3695
Mean 61.26
RMS 59.29
signal [adc counts]

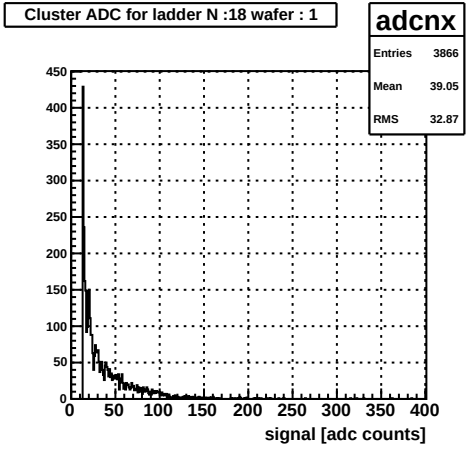

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 3334
Mean 61.2
RMS 62.48
signal [adc counts]

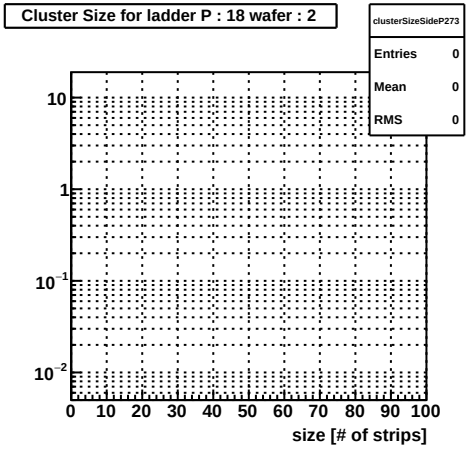

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 743
Mean 1.174
RMS 0.5118
size [# of strips]

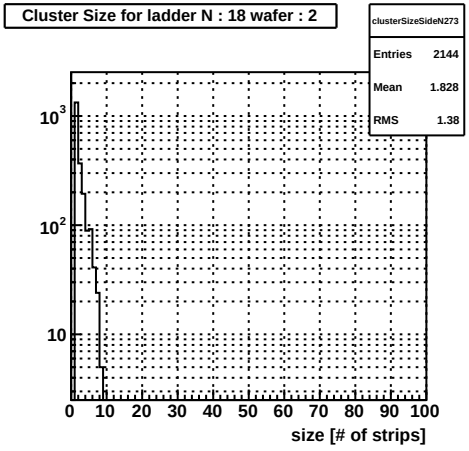

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3866
Mean 1.69
RMS 1.006
size [# of strips]

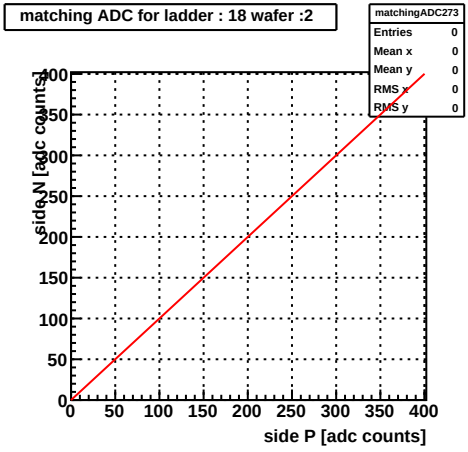

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

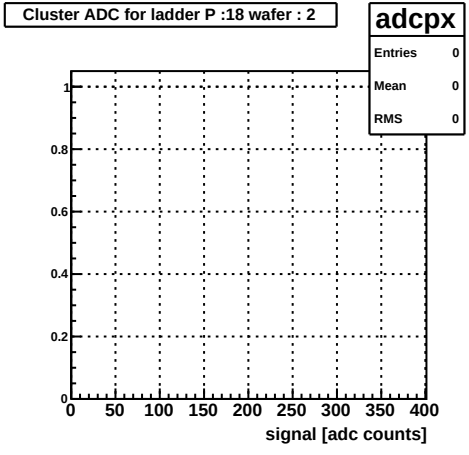

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 743
Mean 64.02
RMS 66.87
signal [adc counts]

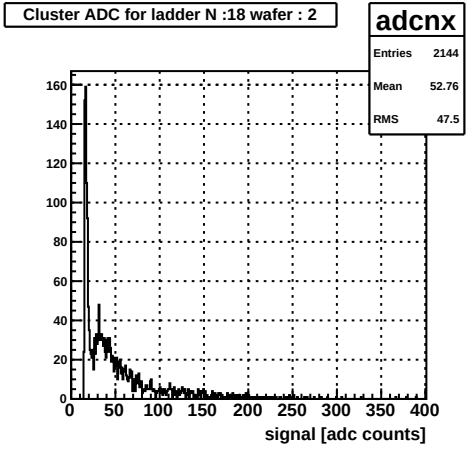

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3866
Mean 39.05
RMS 32.87
signal [adc counts]

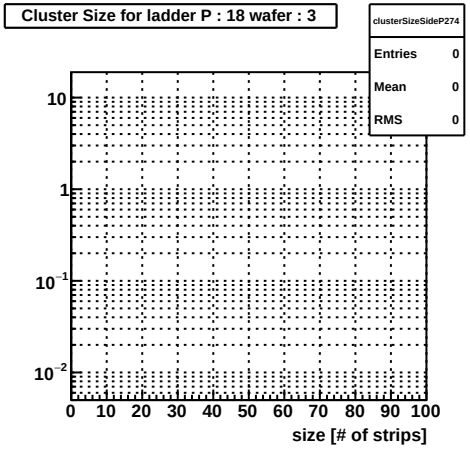

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

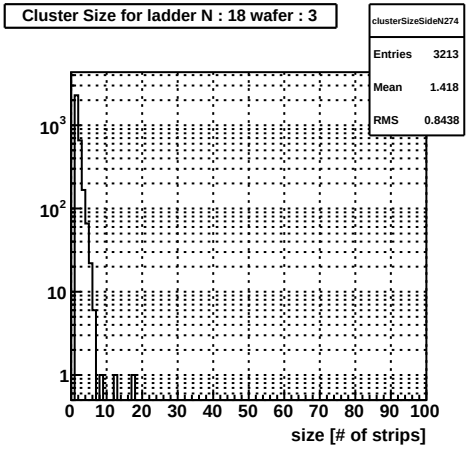

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2144
Mean 1.828
RMS 1.38
size [# of strips]

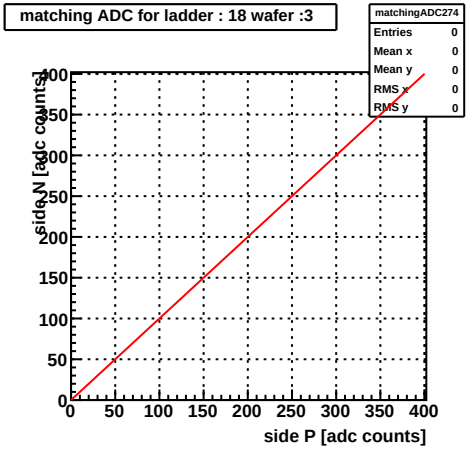

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

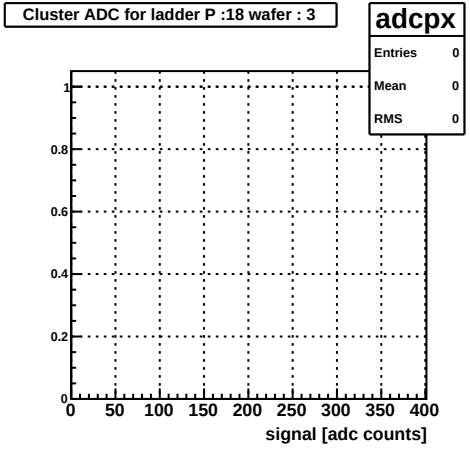

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

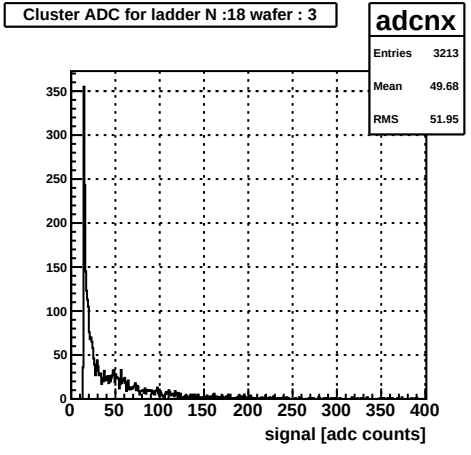

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2144
Mean 52.76
RMS 47.5
signal [adc counts]

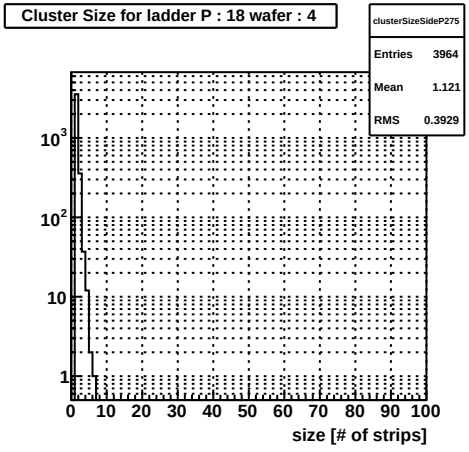

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

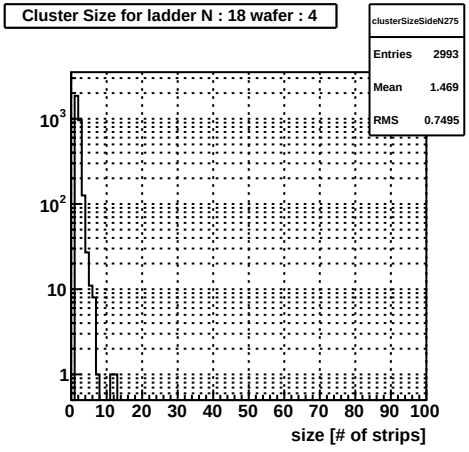

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 3213
Mean 1.418
RMS 0.8438
size [# of strips]

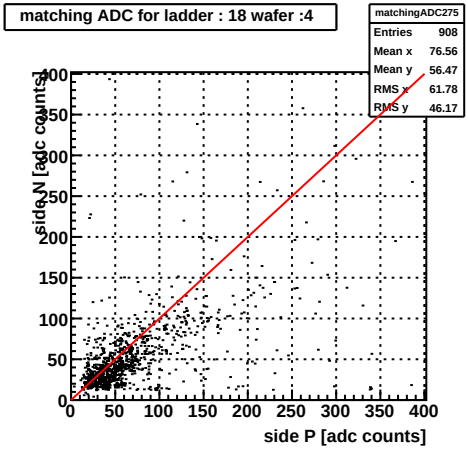

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

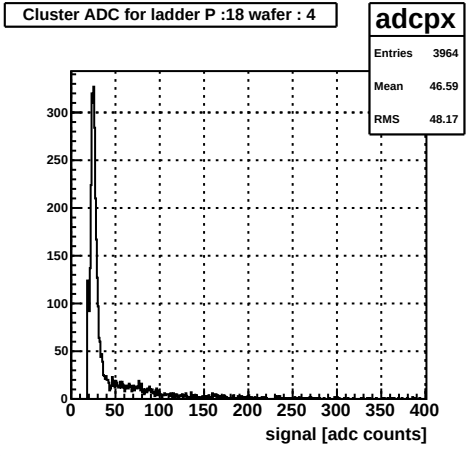

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

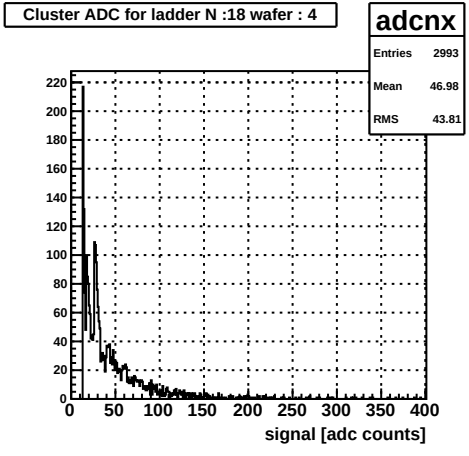

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 3213
Mean 49.68
RMS 51.95
signal [adc counts]

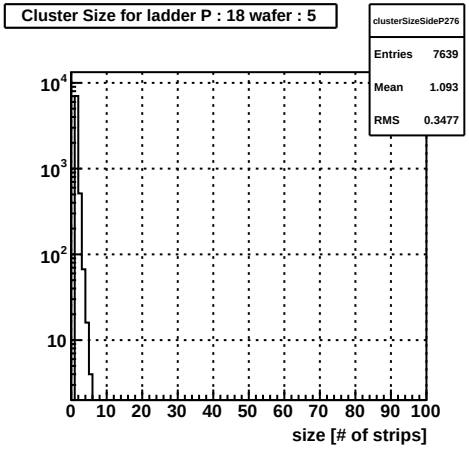

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3964
Mean 1.121
RMS 0.3929
size [# of strips]

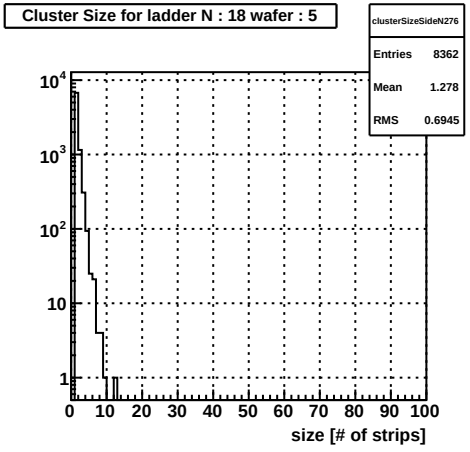

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2993
Mean 1.469
RMS 0.7495
size [# of strips]

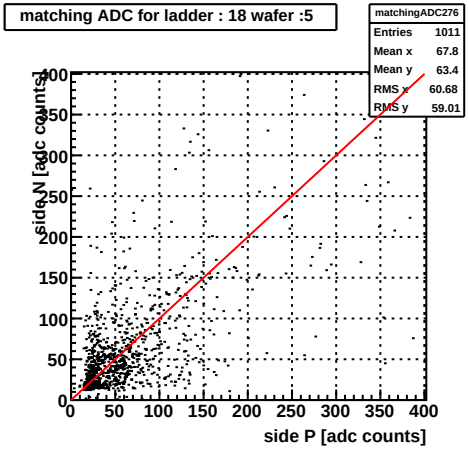

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 908
Mean x 76.56
Mean y 56.47
RMS x 61.78
RMS y 46.17
side N [adc counts]
side P [adc counts]

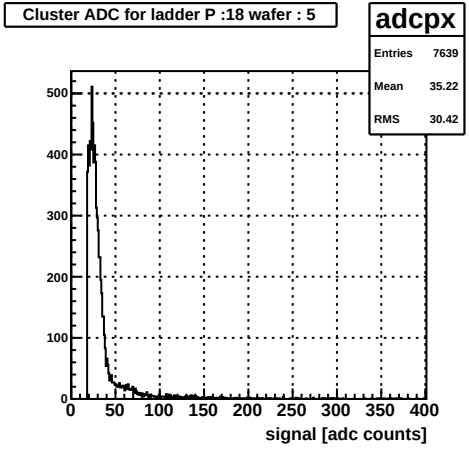

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3964
Mean 46.59
RMS 48.17
signal [adc counts]

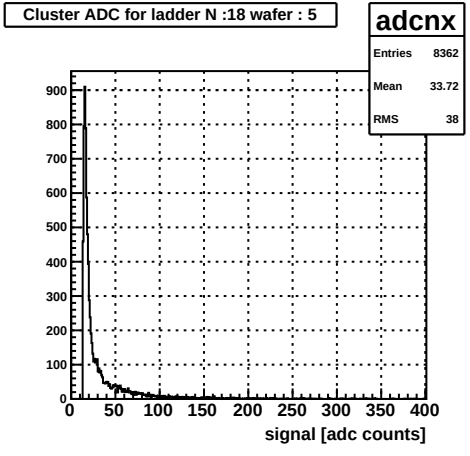

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2993
Mean 46.98
RMS 43.81
signal [adc counts]

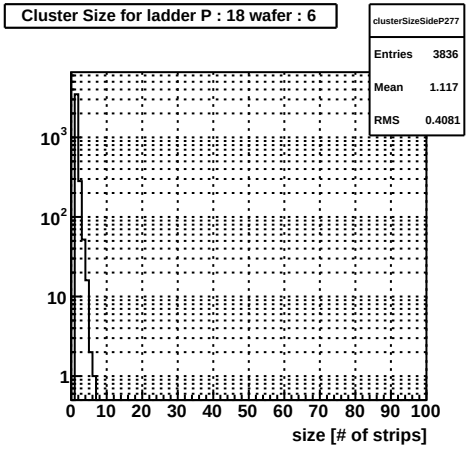

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7639
Mean 1.093
RMS 0.3477
size [# of strips]

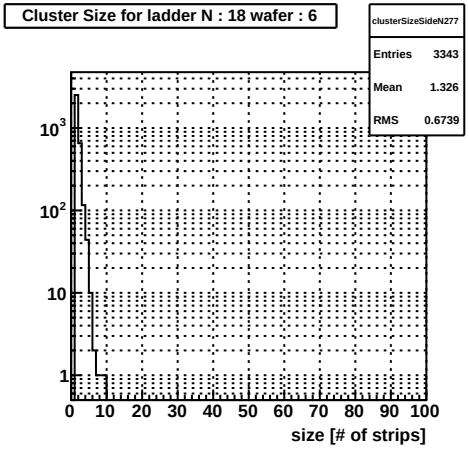

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 8362
Mean 1.278
RMS 0.6945
size [# of strips]

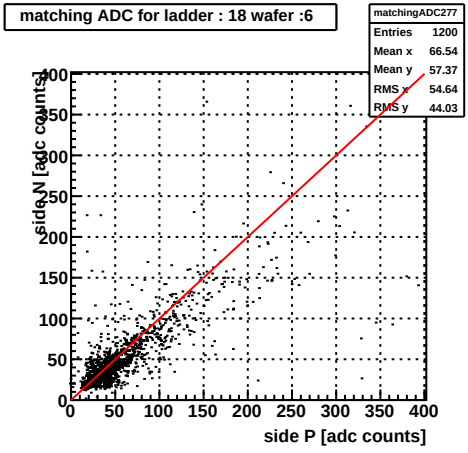

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1011
Mean x 67.8
Mean y 63.4
RMS x 60.68
RMS y 59.01
side N [adc counts]
side P [adc counts]

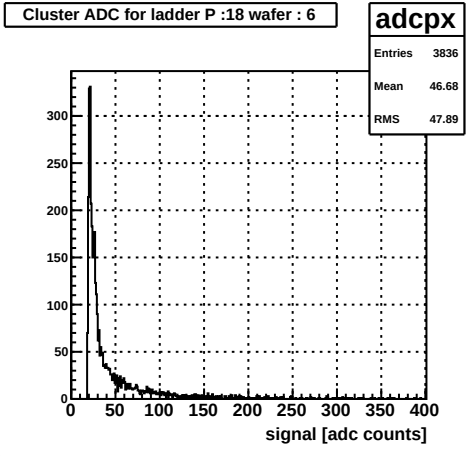

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7639
Mean 35.22
RMS 30.42
signal [adc counts]

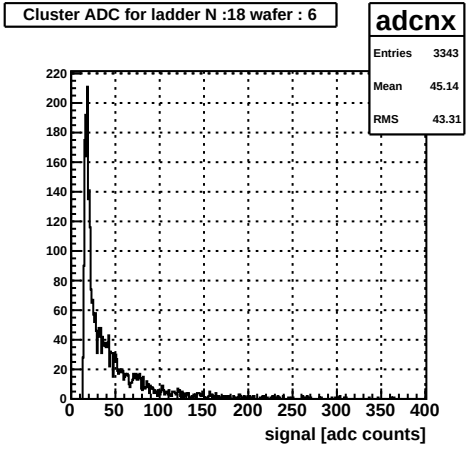

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 8362
Mean 33.72
RMS 38
signal [adc counts]

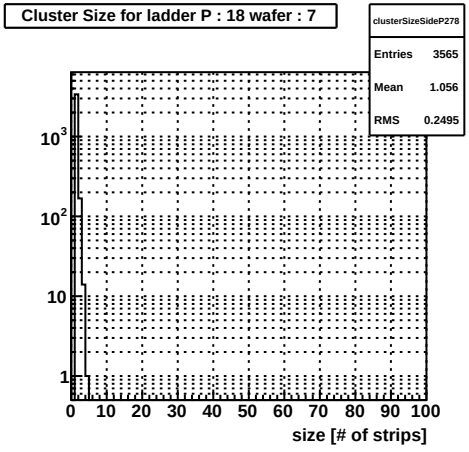

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3836
Mean 1.117
RMS 0.4081
size [# of strips]

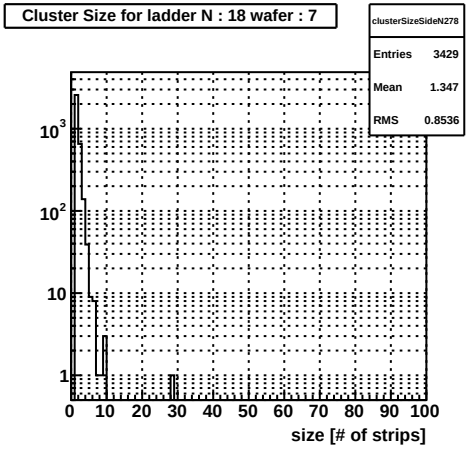

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3343
Mean 1.326
RMS 0.6739
size [# of strips]

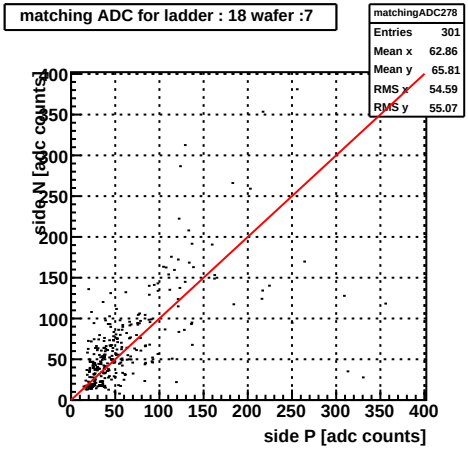

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1200
Mean x 66.54
Mean y 57.37
RMS x 54.64
RMS y 44.03
side N [adc counts]
side P [adc counts]

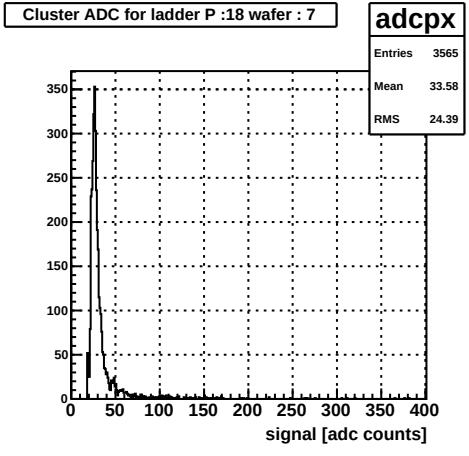

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3836
Mean 46.68
RMS 47.89
signal [adc counts]

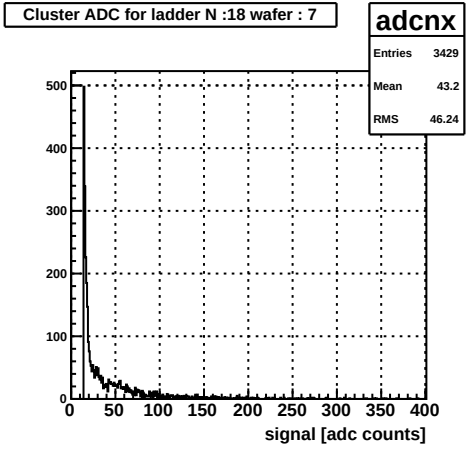

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3343
Mean 45.14
RMS 43.31
signal [adc counts]

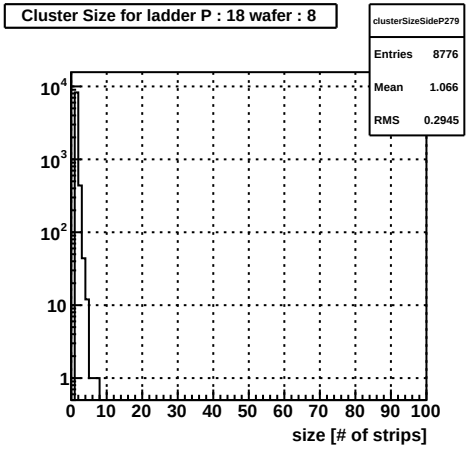

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3565
Mean 1.056
RMS 0.2495
size [# of strips]

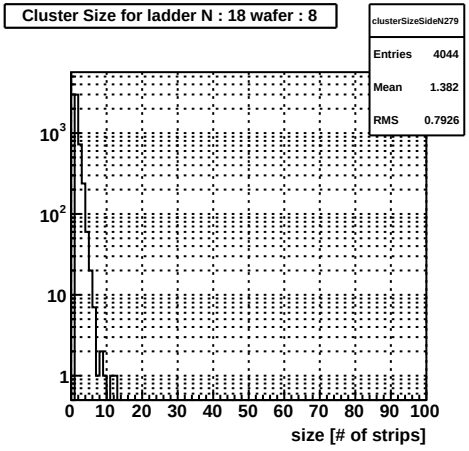

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3429
Mean 1.347
RMS 0.8536
size [# of strips]

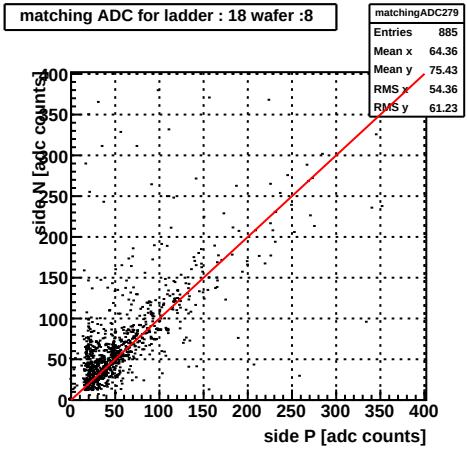

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 301
Mean x 62.86
Mean y 65.81
RMS x 54.59
RMS y 55.07
side N [adc counts]
side P [adc counts]

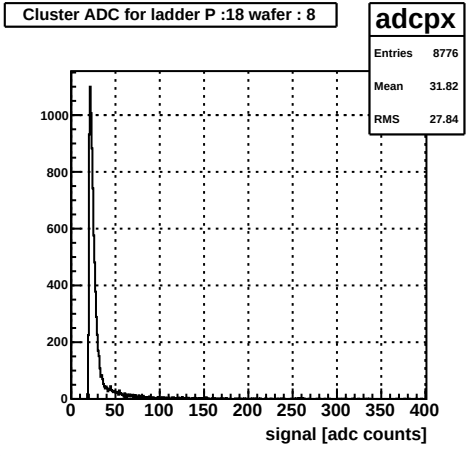

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3565
Mean 33.58
RMS 24.39
signal [adc counts]

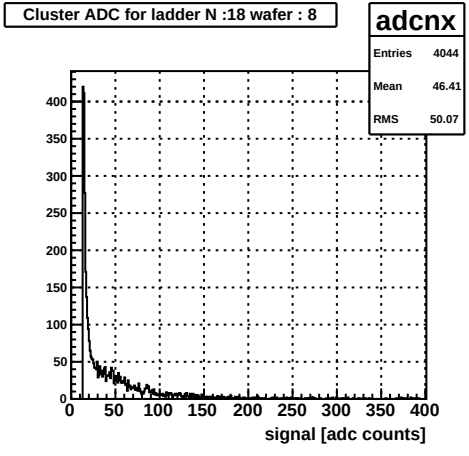

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3429
Mean 43.2
RMS 46.24
signal [adc counts]

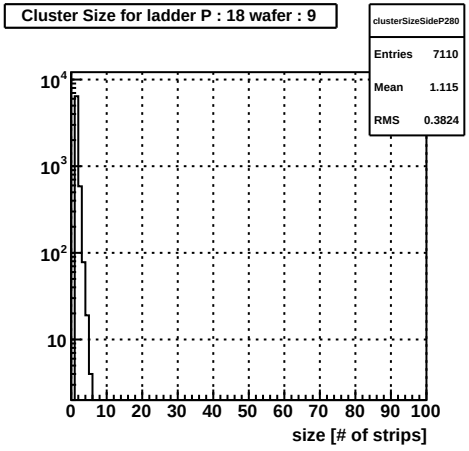

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8776
Mean 1.066
RMS 0.2945
size [# of strips]

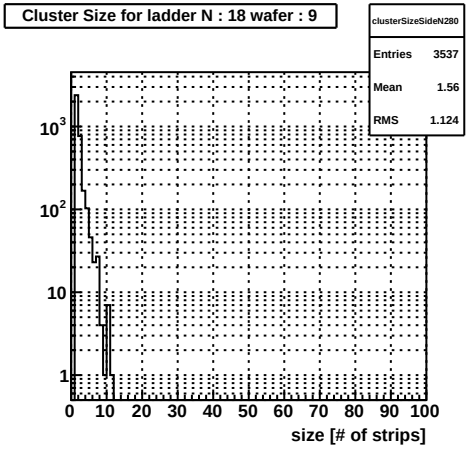

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4044
Mean 1.382
RMS 0.7926
size [# of strips]

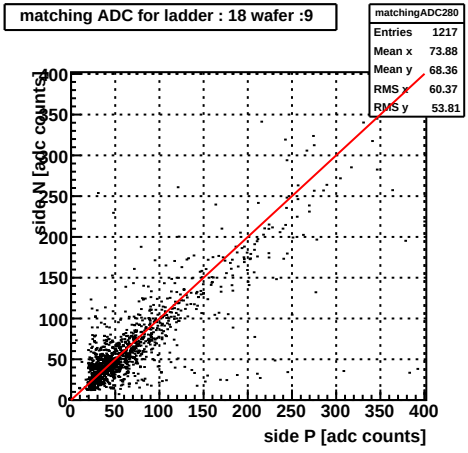

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 885
Mean x 64.36
Mean y 75.43
RMS x 54.36
RMS y 61.23
side N [adc counts]
side P [adc counts]

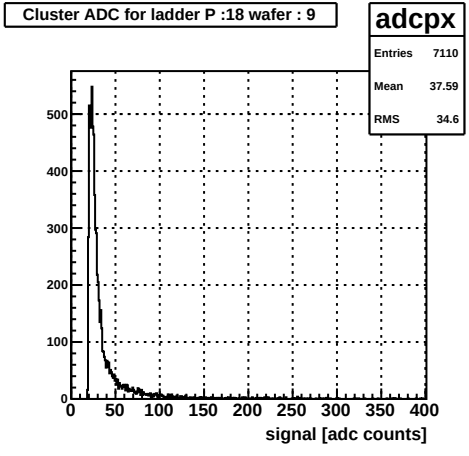

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8776
Mean 31.82
RMS 27.84
signal [adc counts]

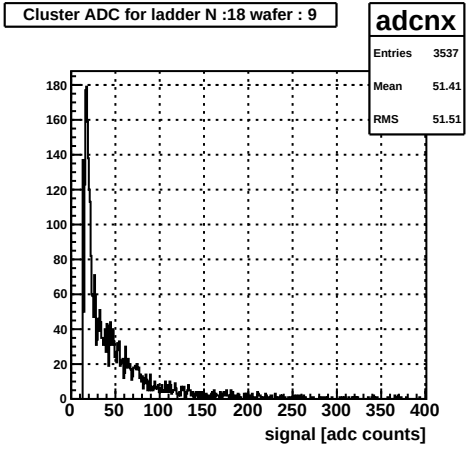

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4044
Mean 46.41
RMS 50.07
signal [adc counts]

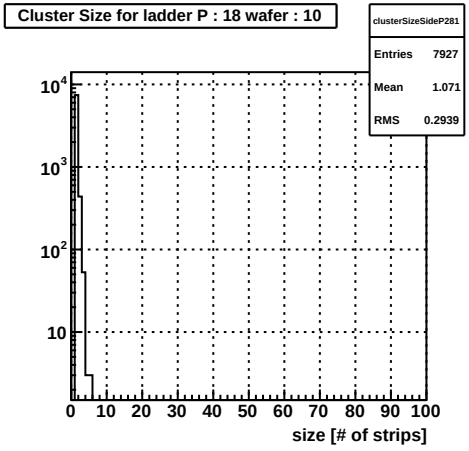

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7110
Mean 1.115
RMS 0.3824
size [# of strips]

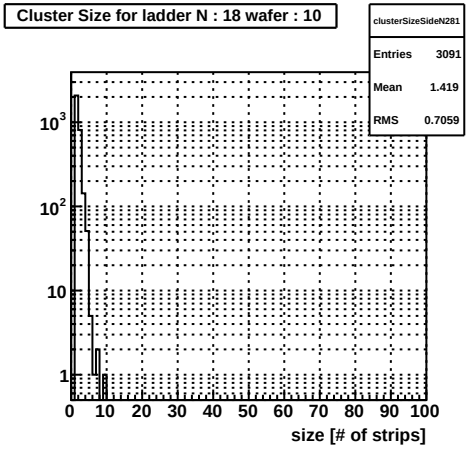

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3537
Mean 1.56
RMS 1.124
size [# of strips]

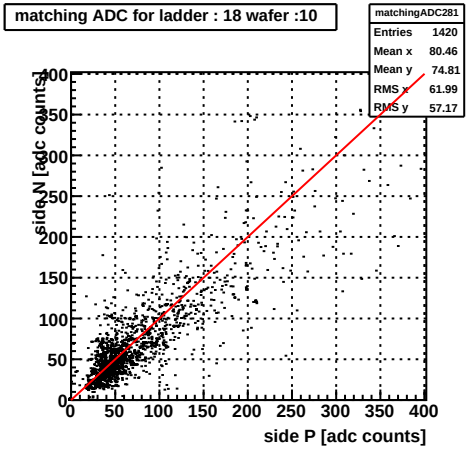

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1217
Mean x 73.88
Mean y 68.36
RMS x 60.37
RMS y 53.81
side N [adc counts]
side P [adc counts]

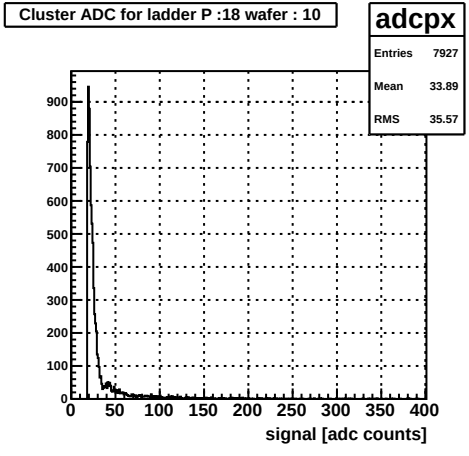

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7110
Mean 37.59
RMS 34.6
signal [adc counts]

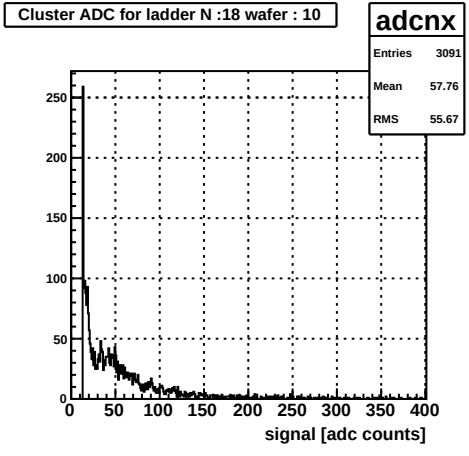

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3537
Mean 51.41
RMS 51.51
signal [adc counts]

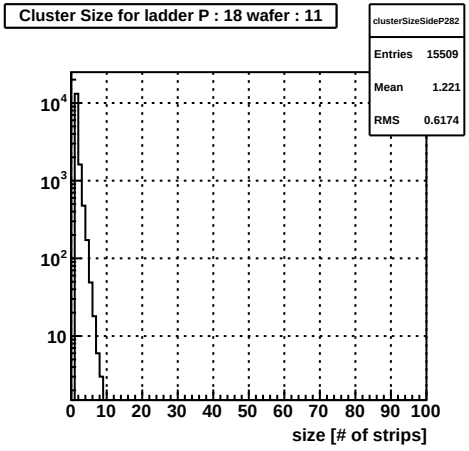

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7927
Mean 1.071
RMS 0.2939
size [# of strips]

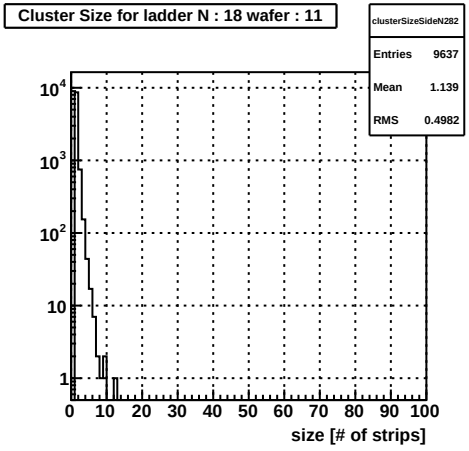

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3091
Mean 1.419
RMS 0.7059
size [# of strips]

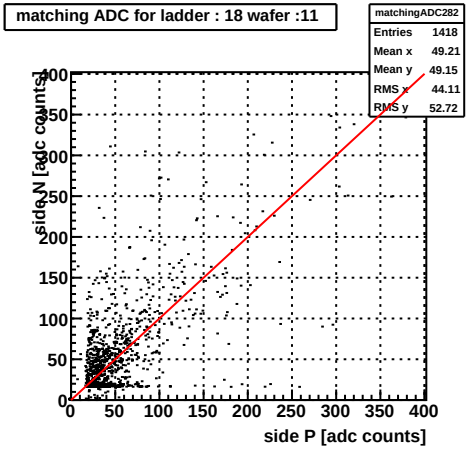

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1420
Mean x 80.46
Mean y 74.81
RMS x 61.99
RMS y 57.17
side N [adc counts]
side P [adc counts]

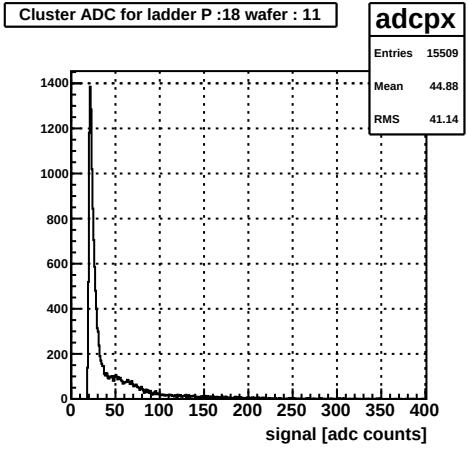

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7927
Mean 33.89
RMS 35.57
signal [adc counts]

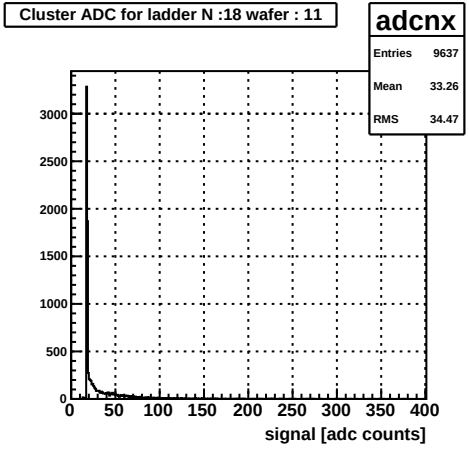

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3091
Mean 57.76
RMS 55.67
signal [adc counts]

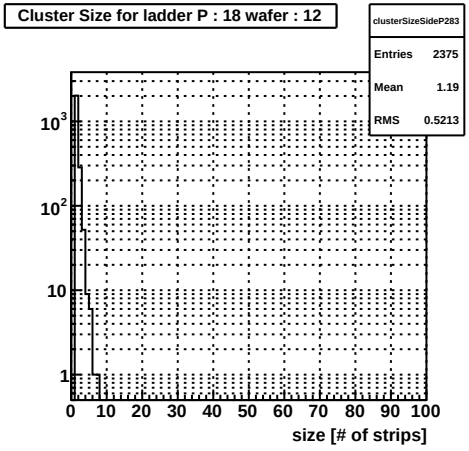

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15509
Mean 1.221
RMS 0.6174
size [# of strips]

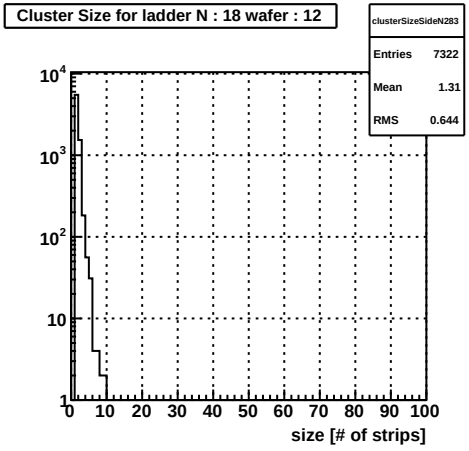

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9637
Mean 1.139
RMS 0.4982
size [# of strips]

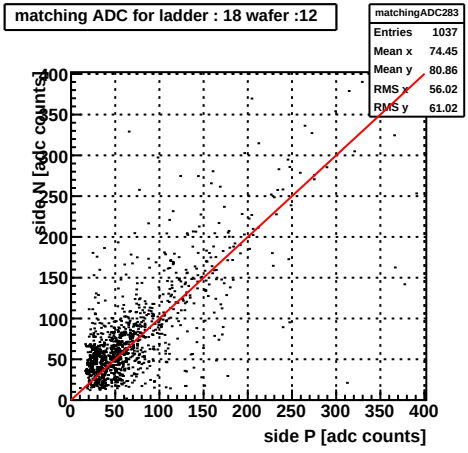

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1418
Mean x 49.21
Mean y 49.15
RMS x 44.11
RMS y 52.72
side N [adc counts]
side P [adc counts]

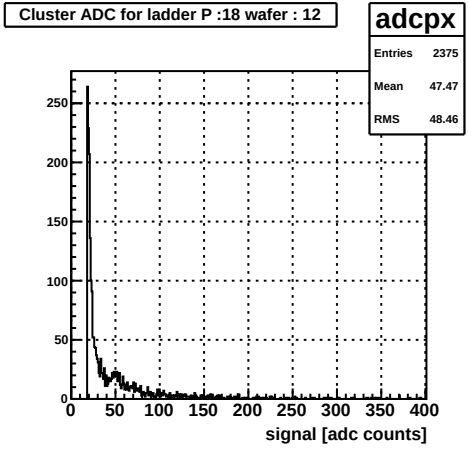

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15509
Mean 44.88
RMS 41.14
signal [adc counts]

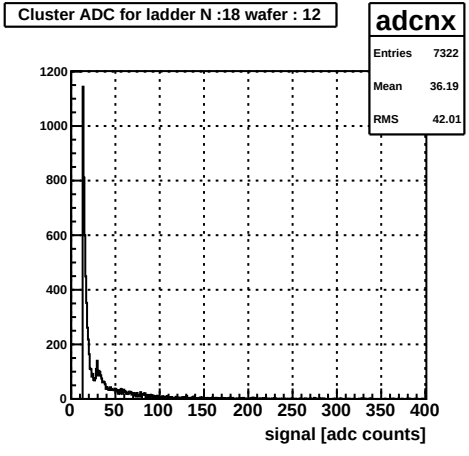

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9637
Mean 33.26
RMS 34.47
signal [adc counts]

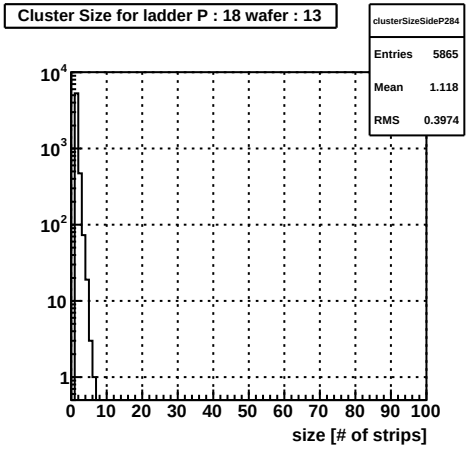

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2375
Mean 1.19
RMS 0.5213
size [# of strips]

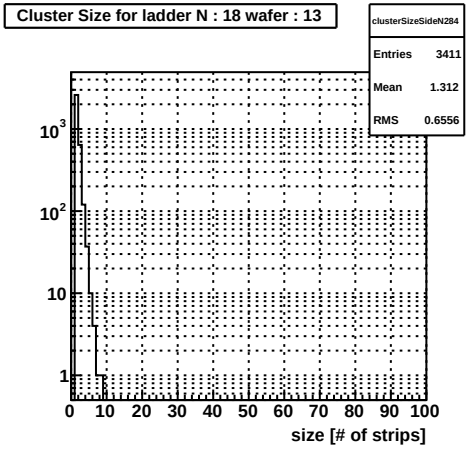

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7322
Mean 1.31
RMS 0.644
size [# of strips]

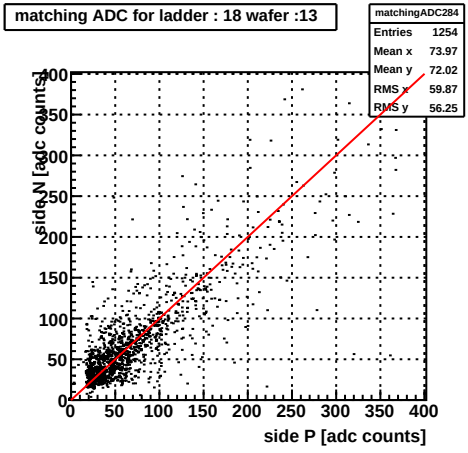

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1037
Mean x 74.45
Mean y 80.86
RMS x 56.02
RMS y 61.02
side N [adc counts]
side P [adc counts]

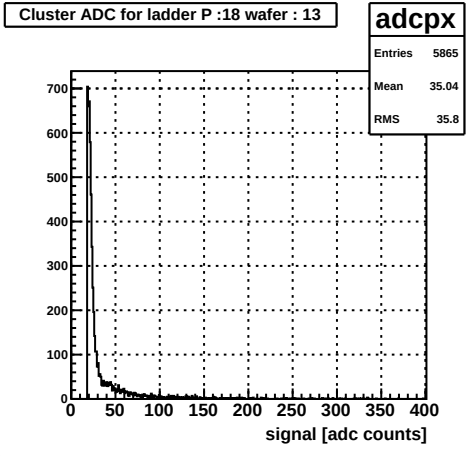

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2375
Mean 47.47
RMS 48.46
signal [adc counts]

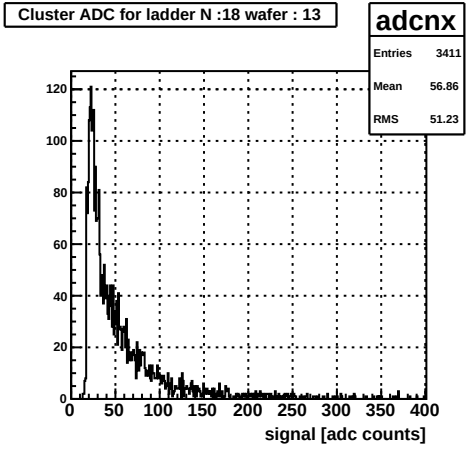

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7322
Mean 36.19
RMS 42.01
signal [adc counts]

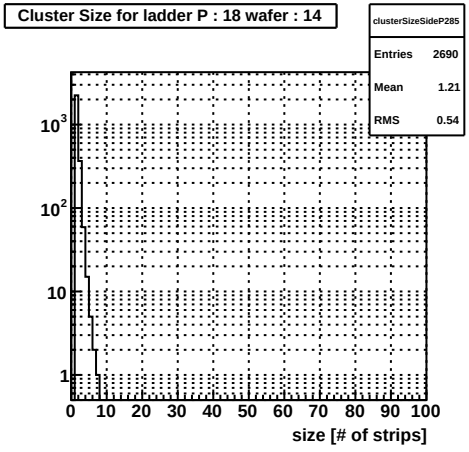

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5865
Mean 1.118
RMS 0.3974
size [# of strips]

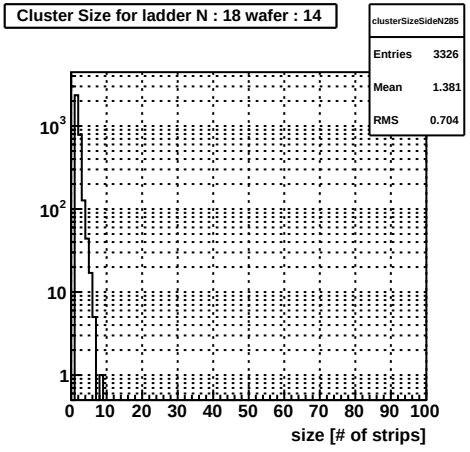

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3411
Mean 1.312
RMS 0.6556
size [# of strips]

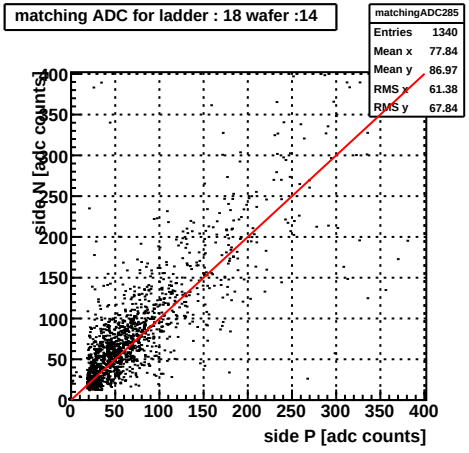

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1254
Mean x 73.97
Mean y 72.02
RMS x 59.87
RMS y 56.25
side N [adc counts]
side P [adc counts]

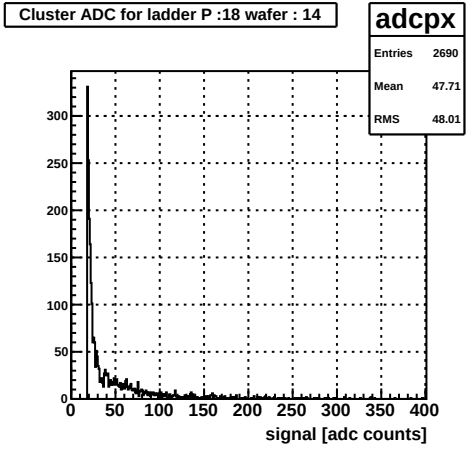

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5865
Mean 35.04
RMS 35.8
signal [adc counts]

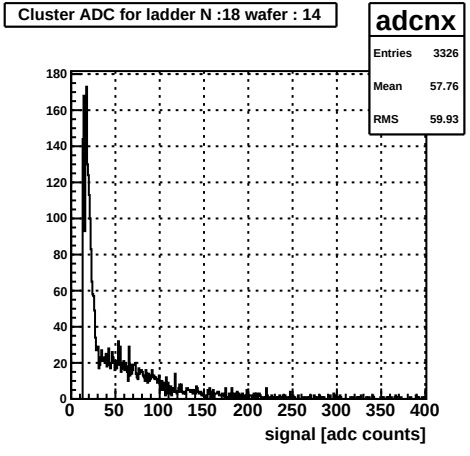

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3411
Mean 56.86
RMS 51.23
signal [adc counts]

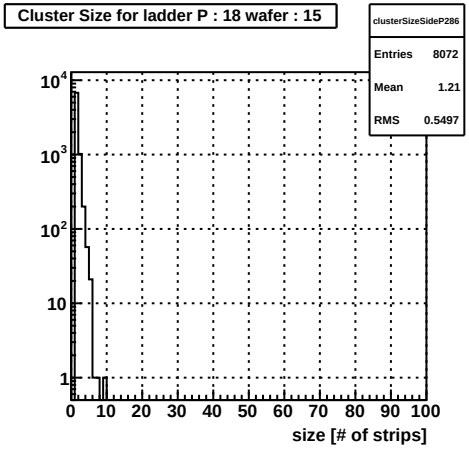

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2690
Mean 1.21
RMS 0.54
size [# of strips]

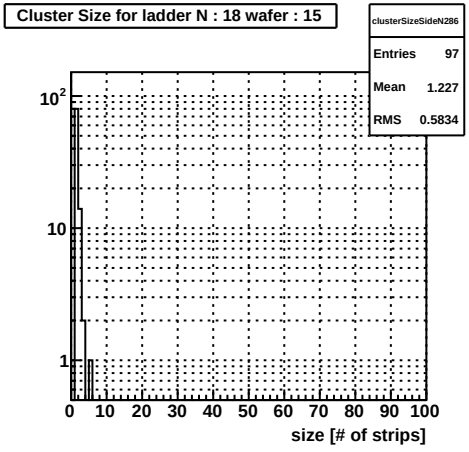

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3326
Mean 1.381
RMS 0.704
size [# of strips]

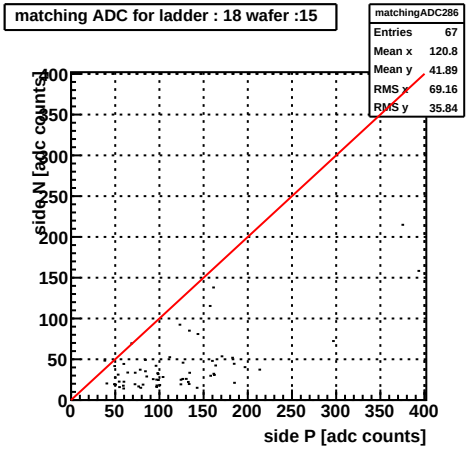

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1340
Mean x 77.84
Mean y 86.97
RMS x 61.38
RMS y 67.84
side N [adc counts]
side P [adc counts]

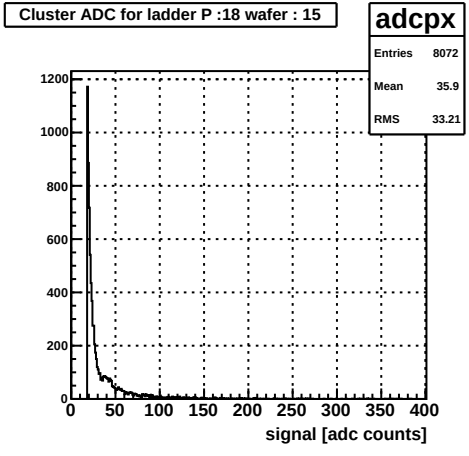

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2690
Mean 47.71
RMS 48.01
signal [adc counts]

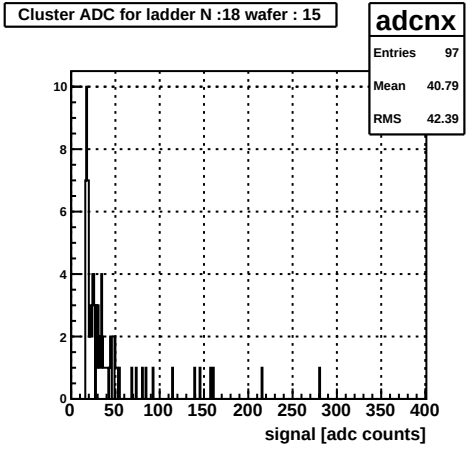

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3326
Mean 57.76
RMS 59.93
signal [adc counts]

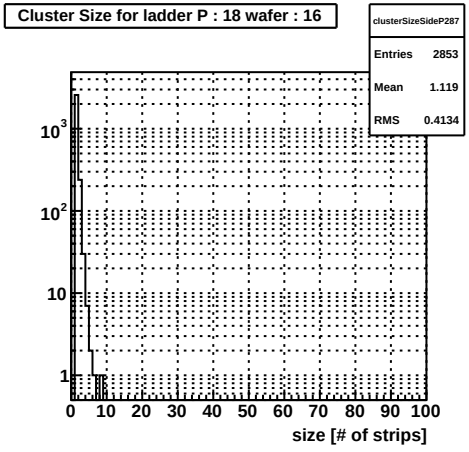

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8072
Mean 1.21
RMS 0.5497
size [# of strips]

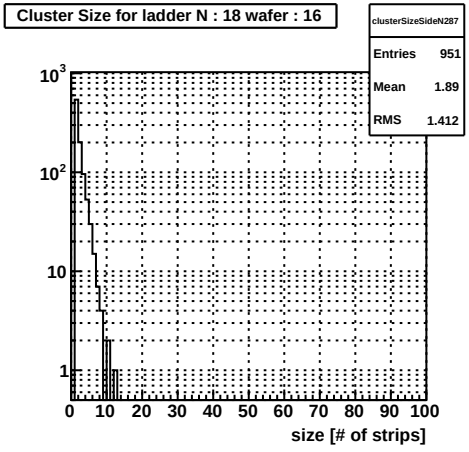

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 97
Mean 1.227
RMS 0.5834
size [# of strips]

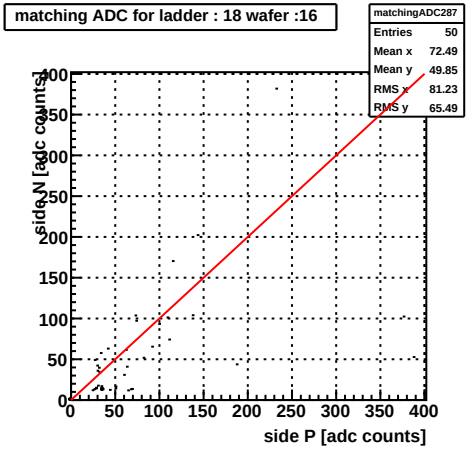

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 67
Mean x 120.8
Mean y 41.89
RMS x 69.16
RMS y 35.84
side N [adc counts]
side P [adc counts]

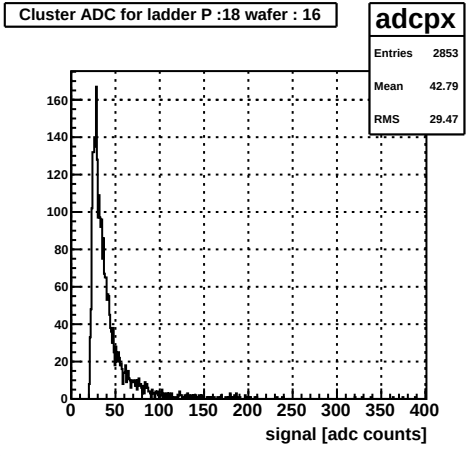

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8072
Mean 35.9
RMS 33.21
signal [adc counts]

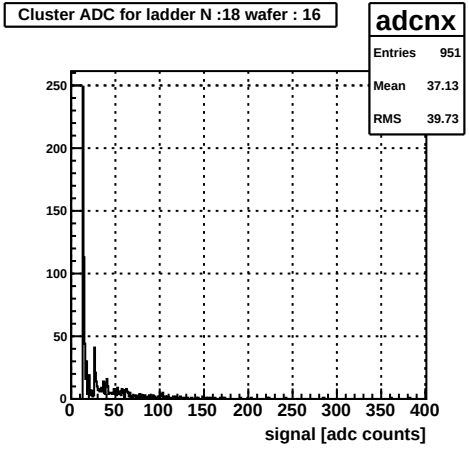

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 97
Mean 40.79
RMS 42.39
signal [adc counts]

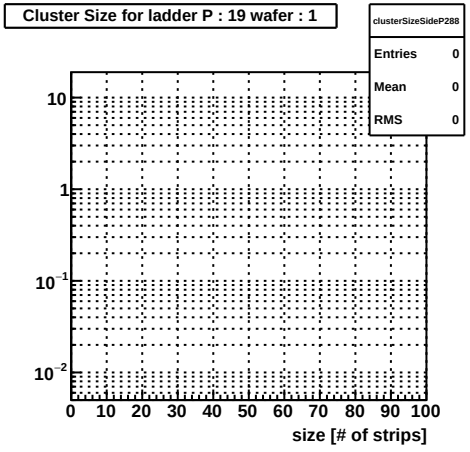

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2853
Mean 1.119
RMS 0.4134
size [# of strips]

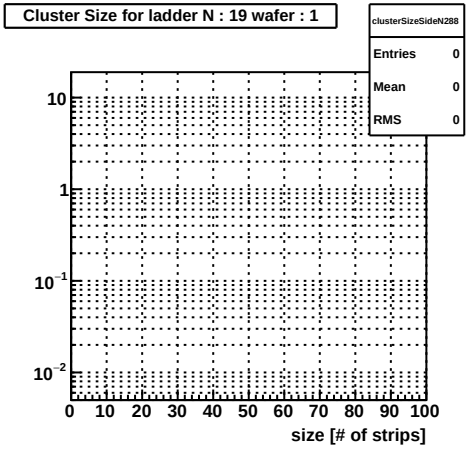

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 951
Mean 1.89
RMS 1.412
size [# of strips]

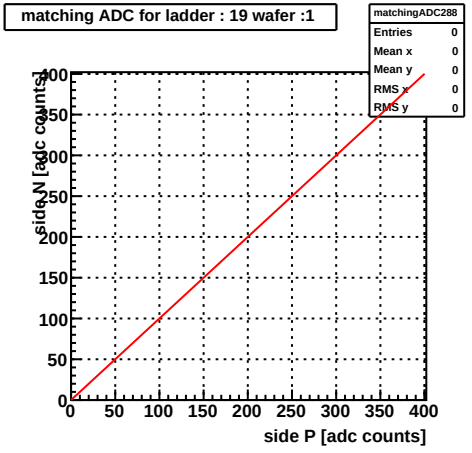

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 50
Mean x 72.49
Mean y 49.85
RMS x 81.23
RMS y 65.49
side N [adc counts]
side P [adc counts]

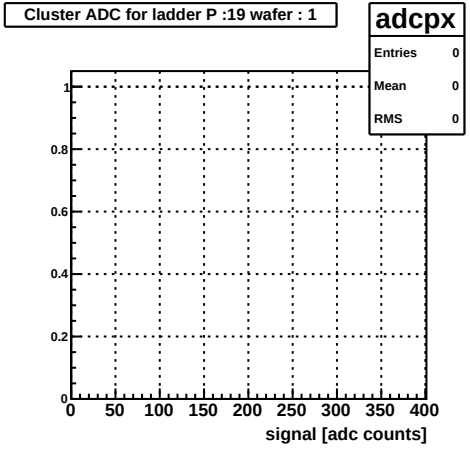

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2853
Mean 42.79
RMS 29.47
signal [adc counts]

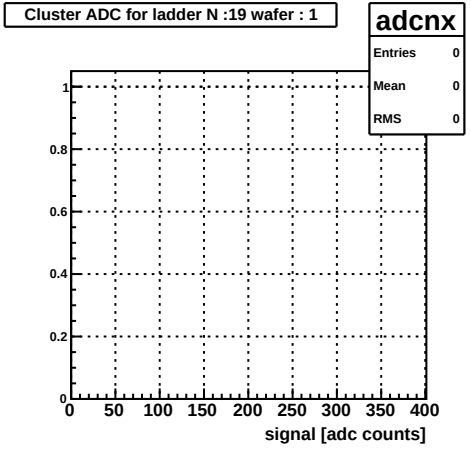

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 951
Mean 37.13
RMS 39.73
signal [adc counts]

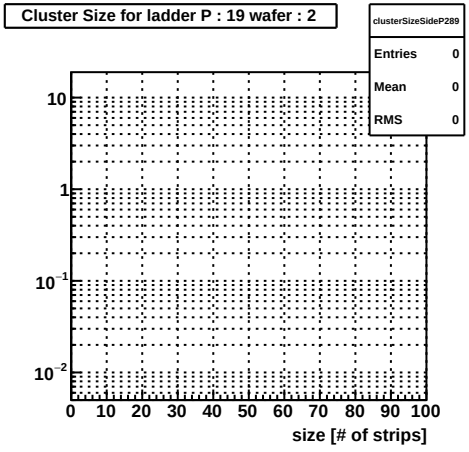

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

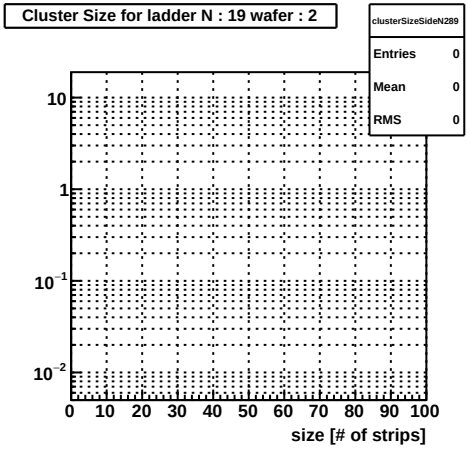

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

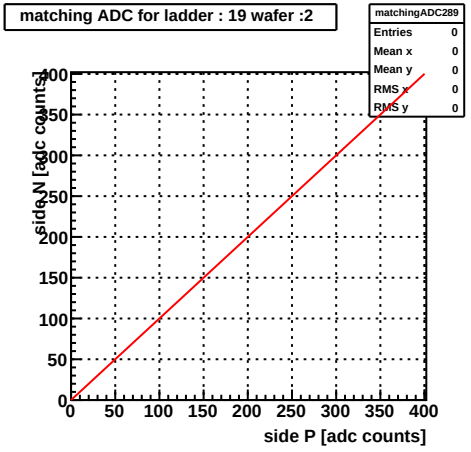

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

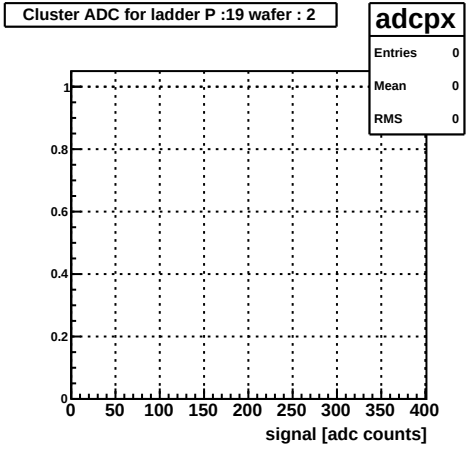

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

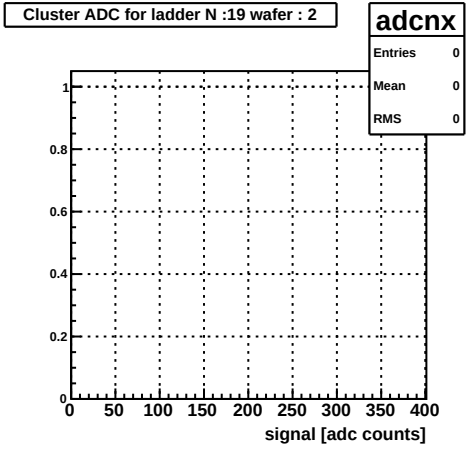

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

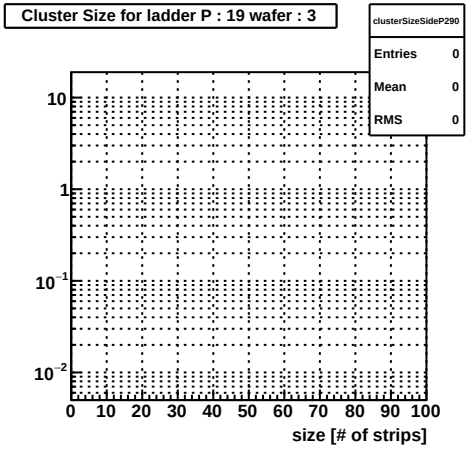

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

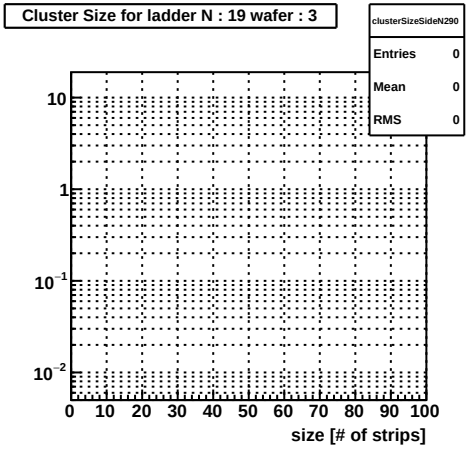

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

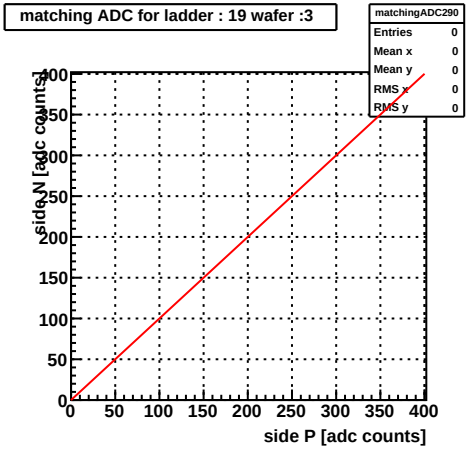

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

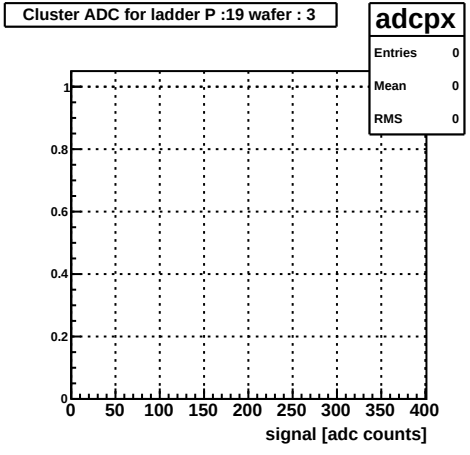

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

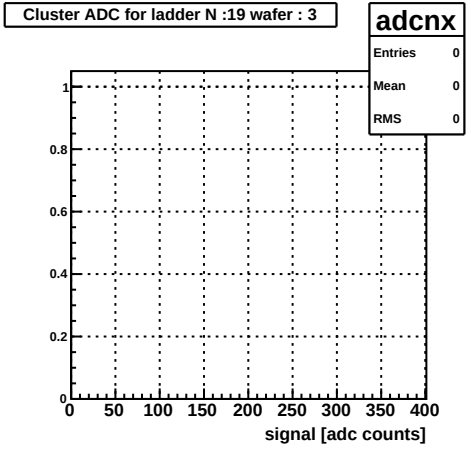

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

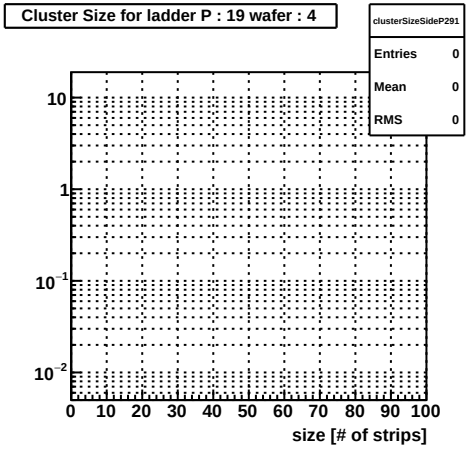

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

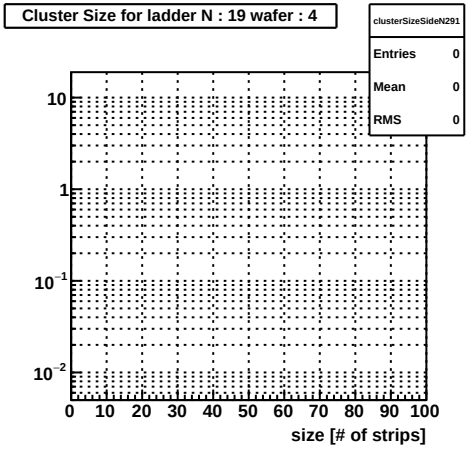

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

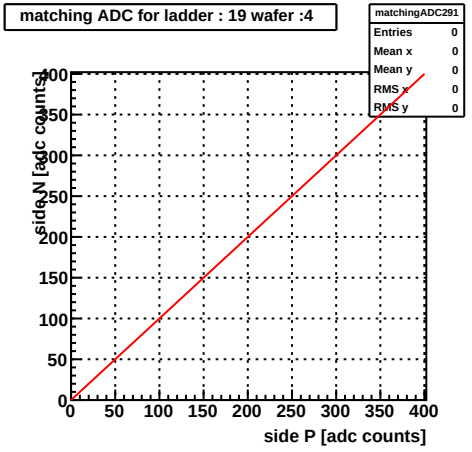

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

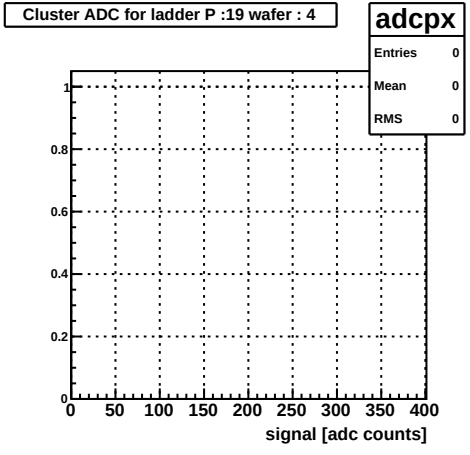

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

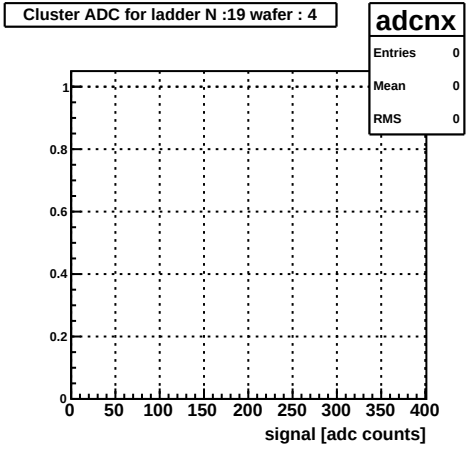

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

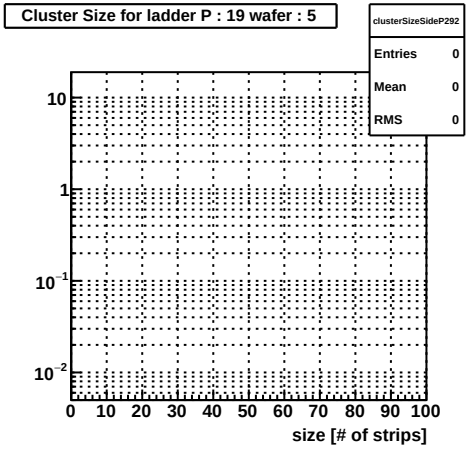

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

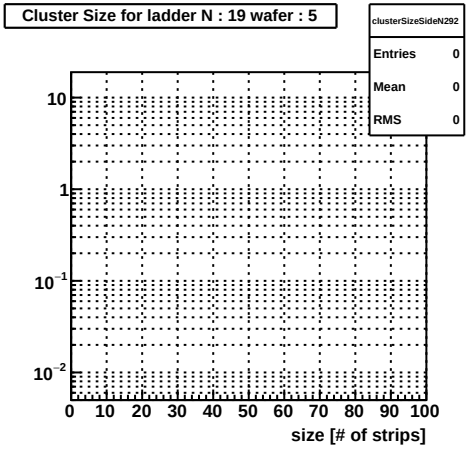

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

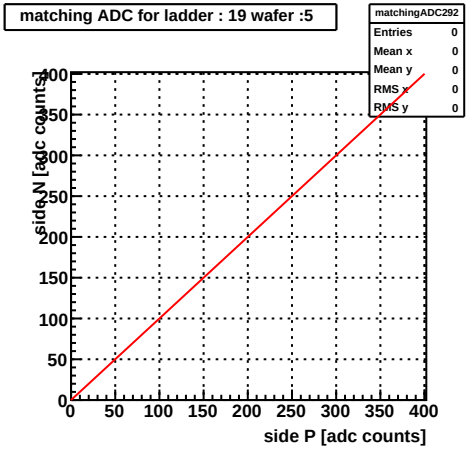

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

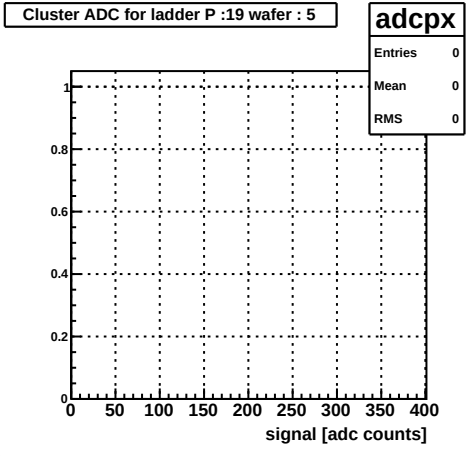

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

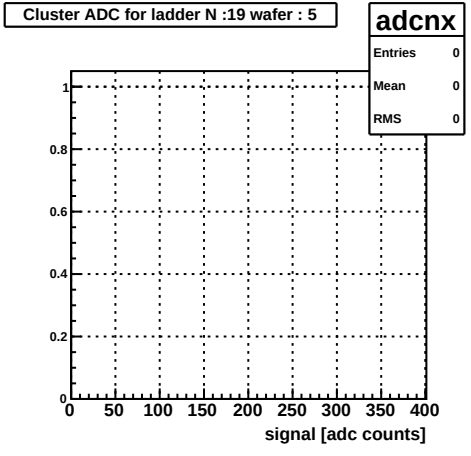

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

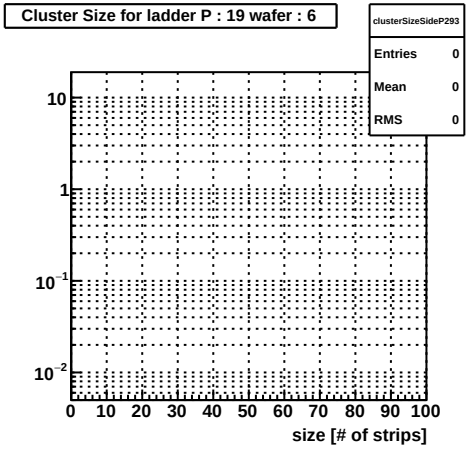

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

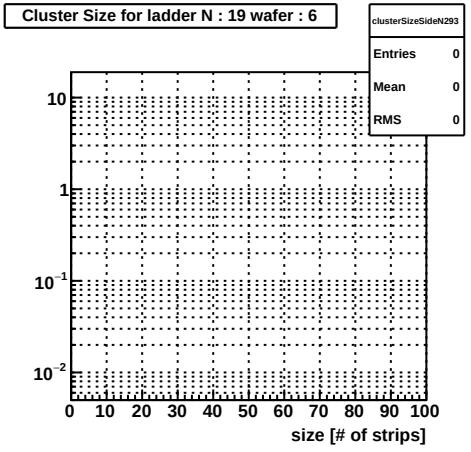

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

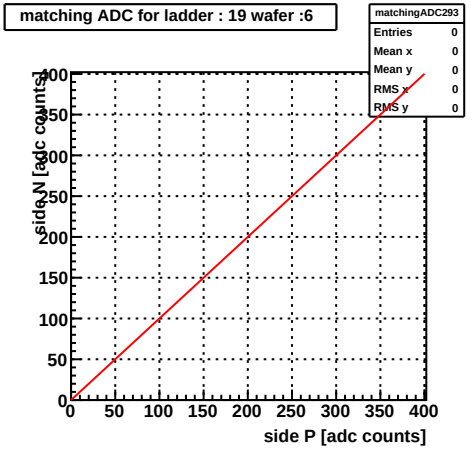

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

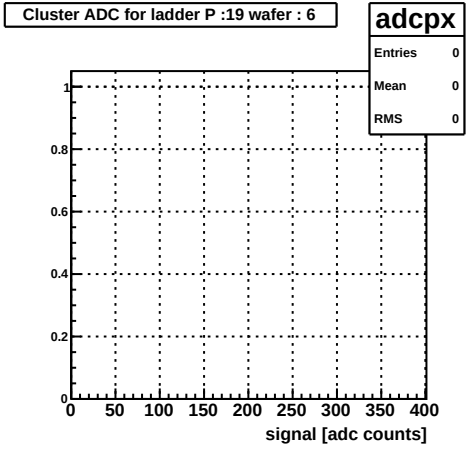

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

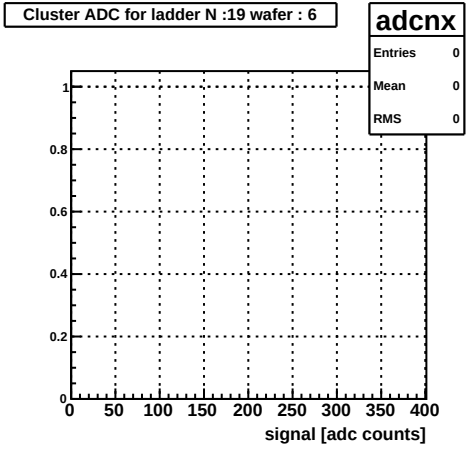

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

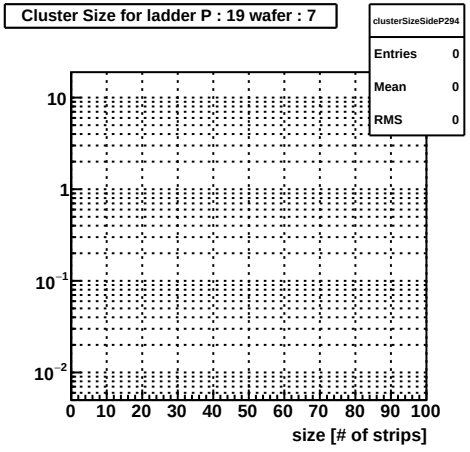

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

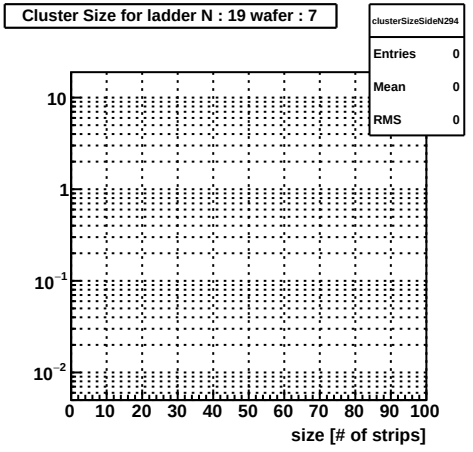

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

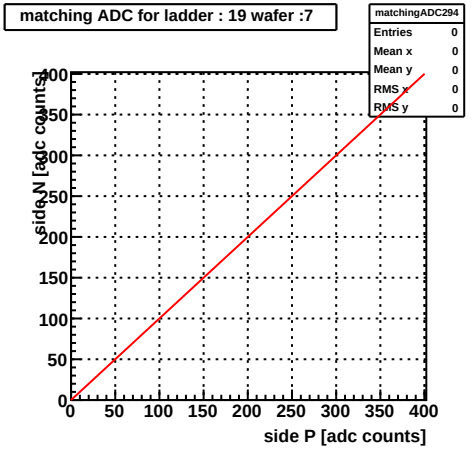

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

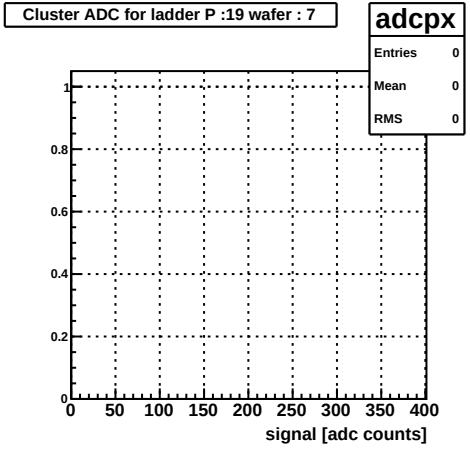

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

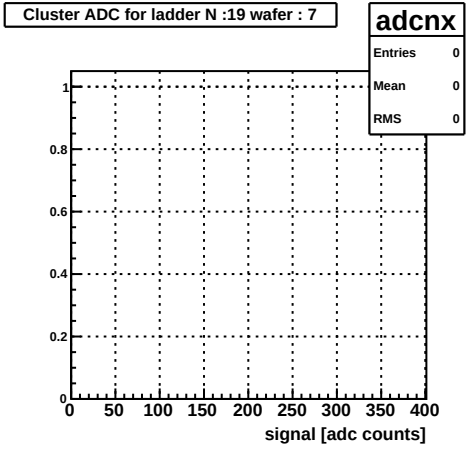

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

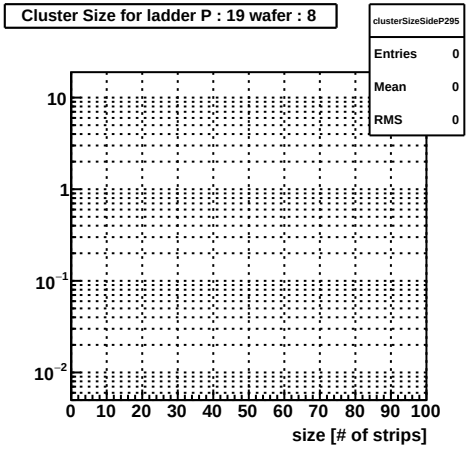

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

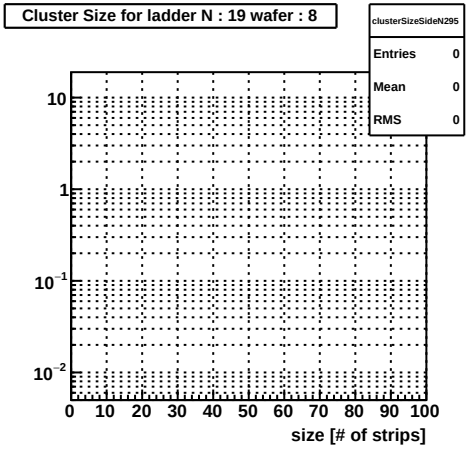

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

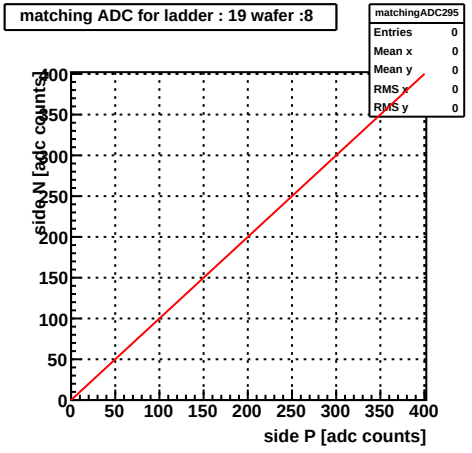

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

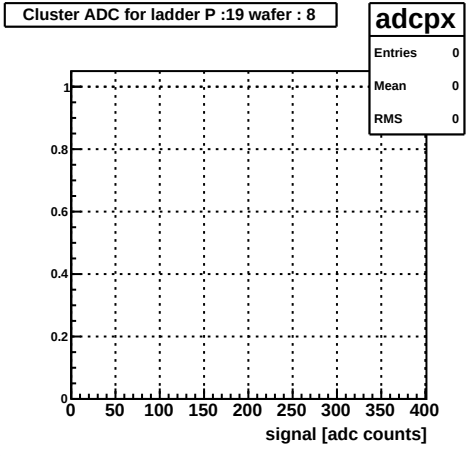

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

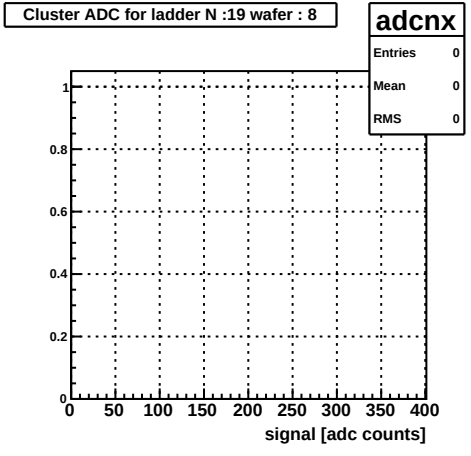

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

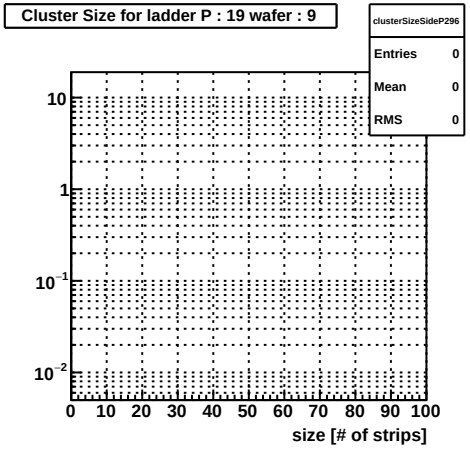

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

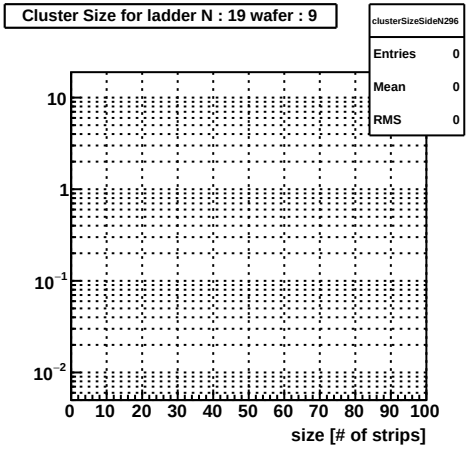

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

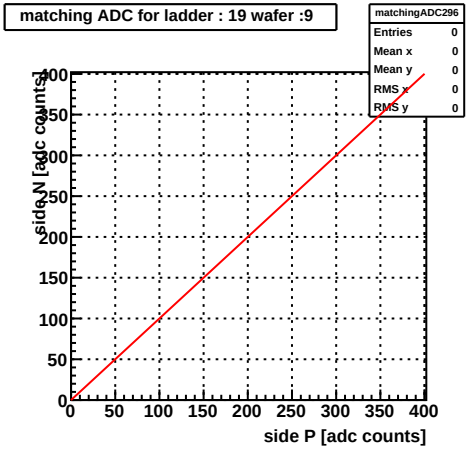

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

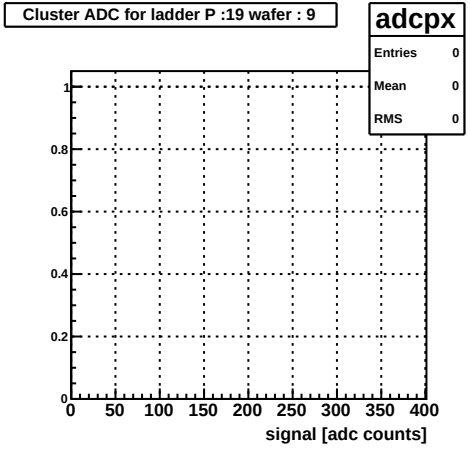

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

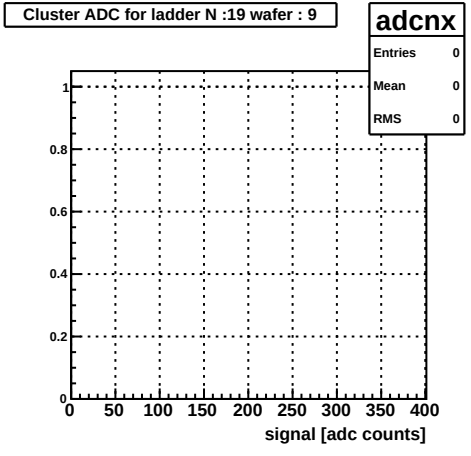

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

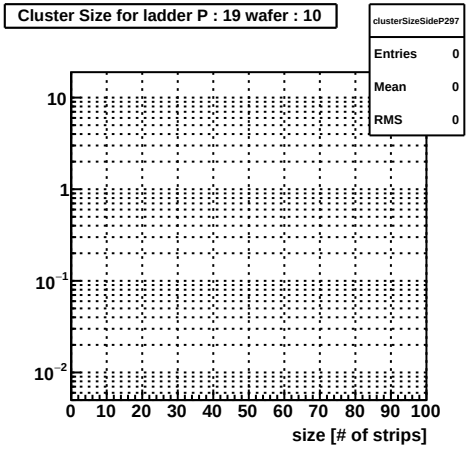

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

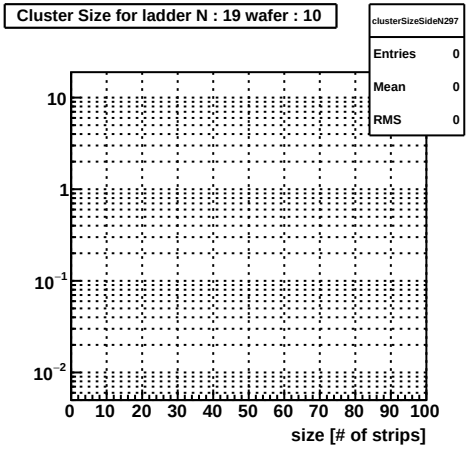

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

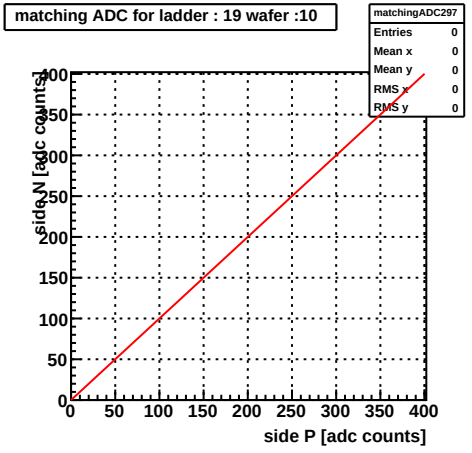

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

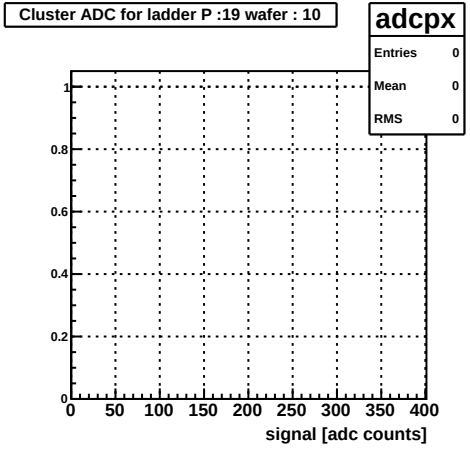

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

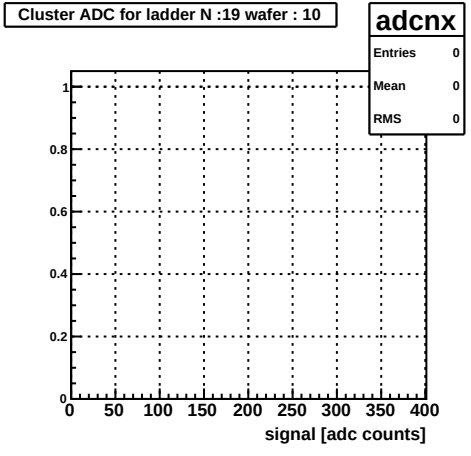

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

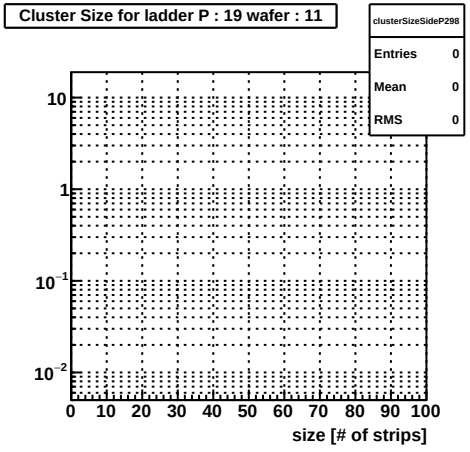

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

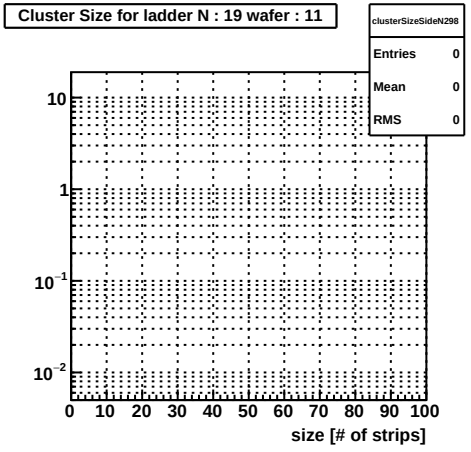

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

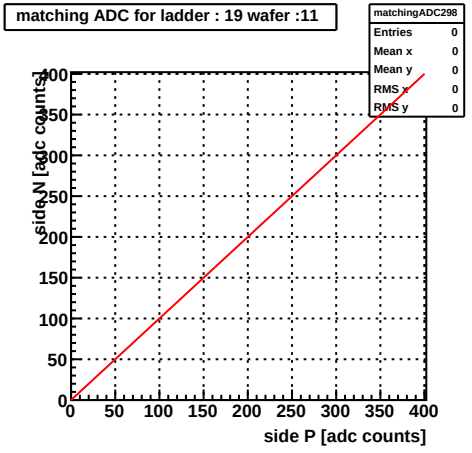

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

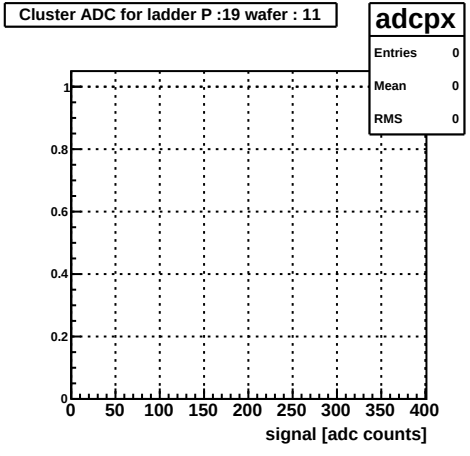

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

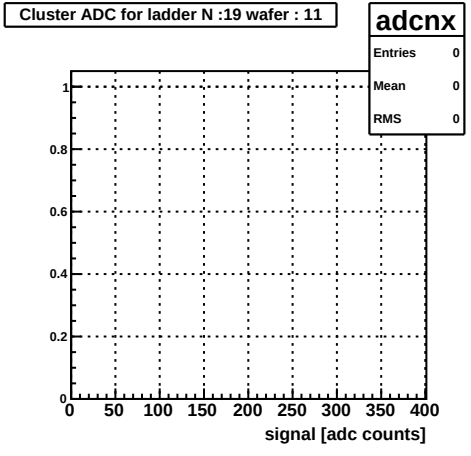

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

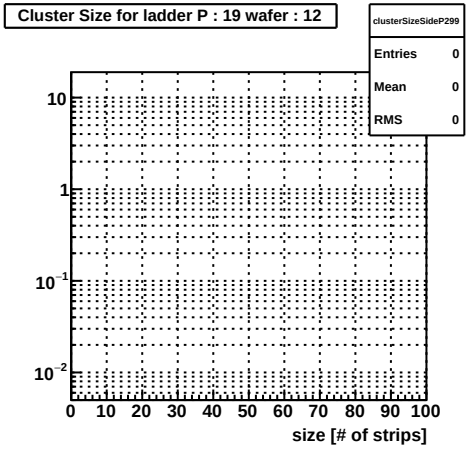

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

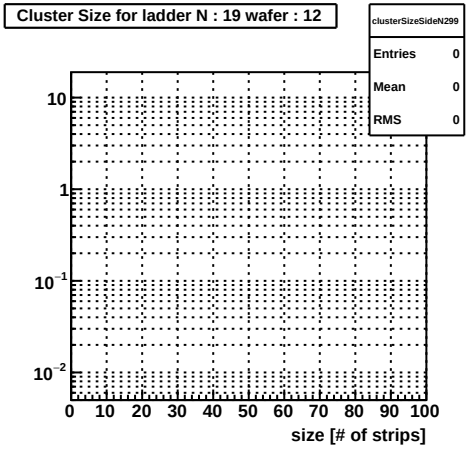

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

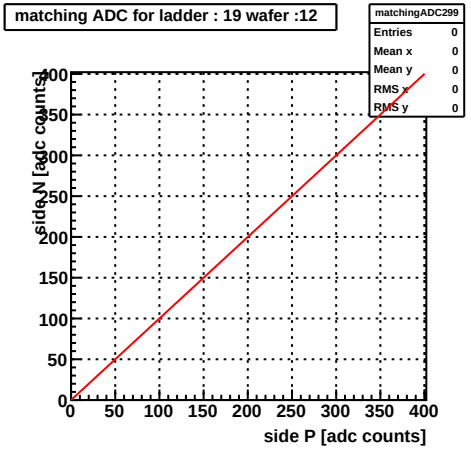

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

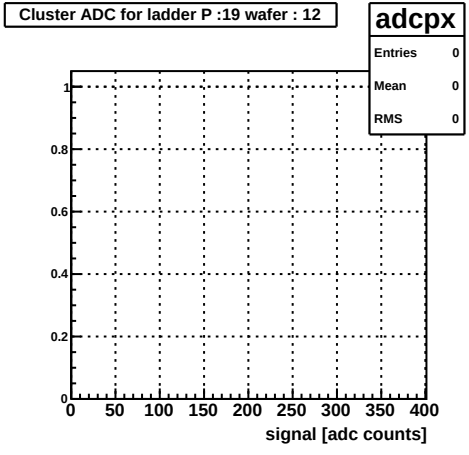

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

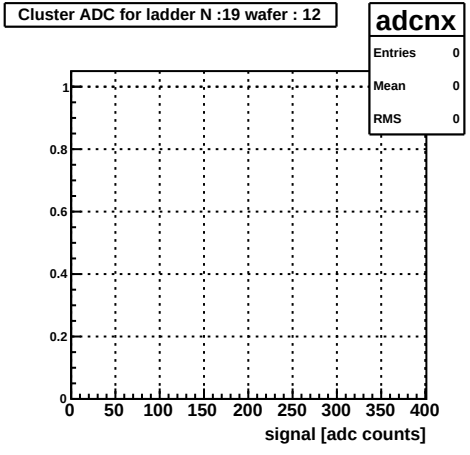

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

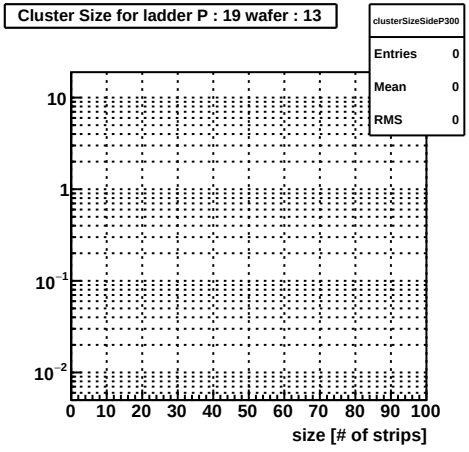

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

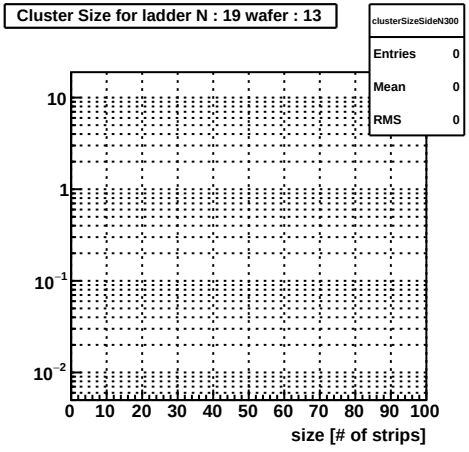

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

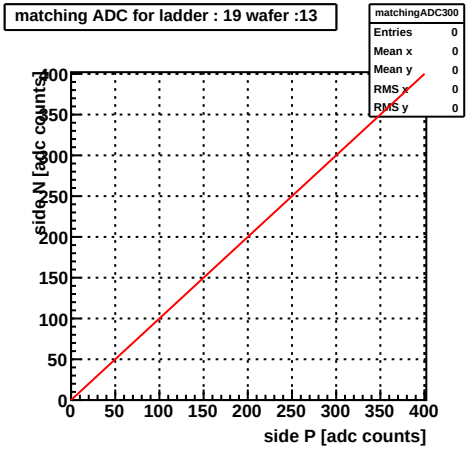

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

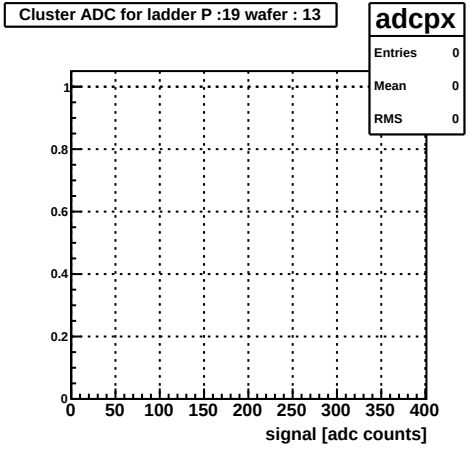

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

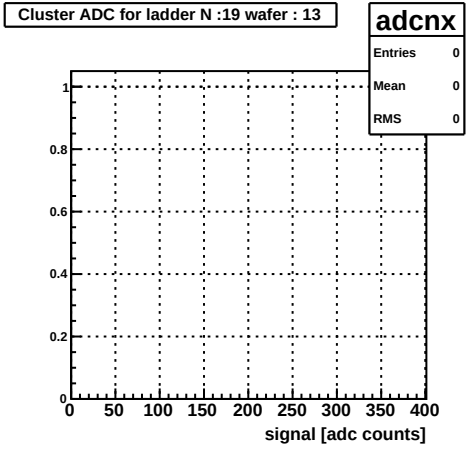

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

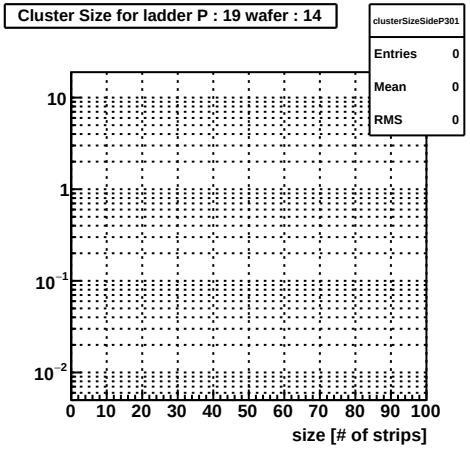

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

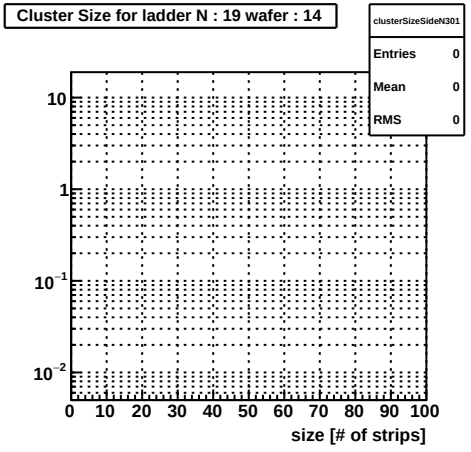

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

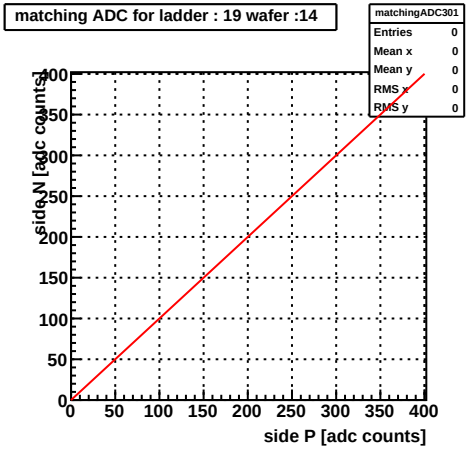

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

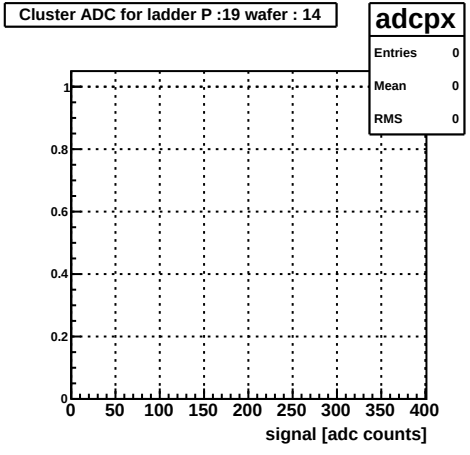

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

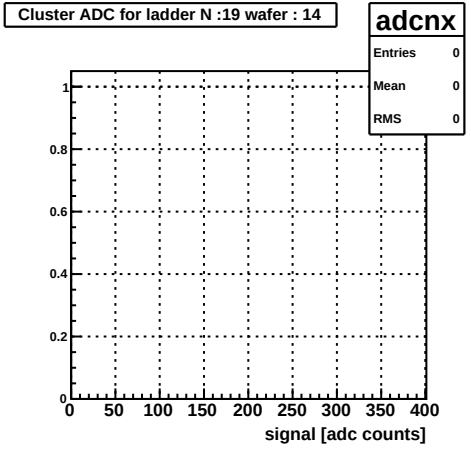

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

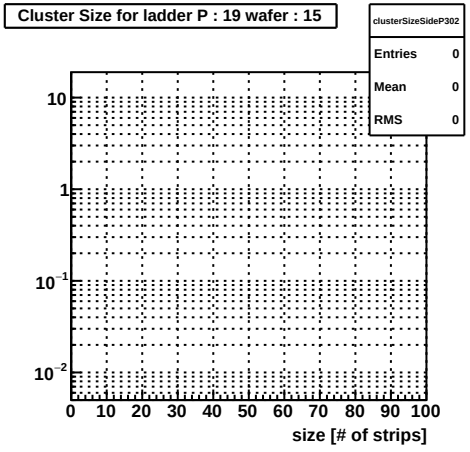

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

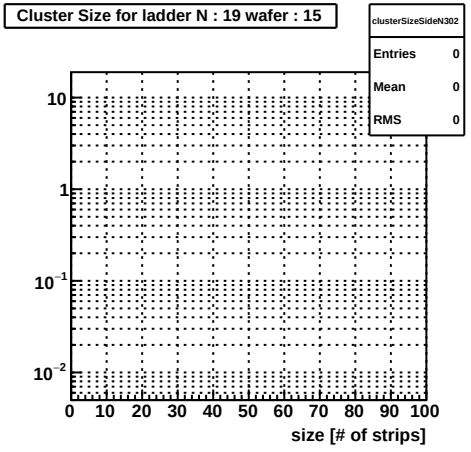

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

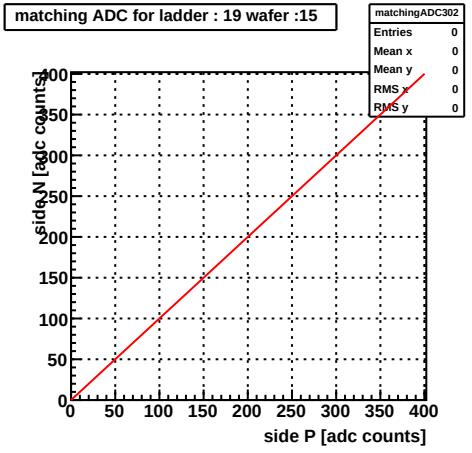

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

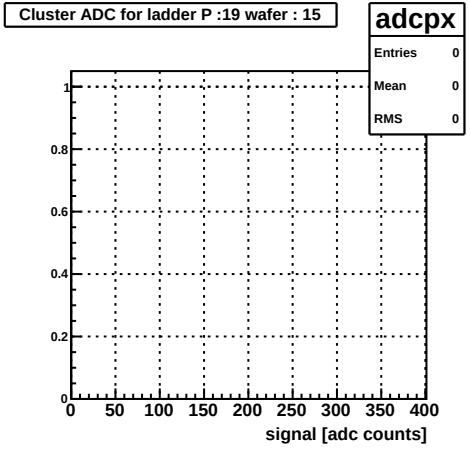

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

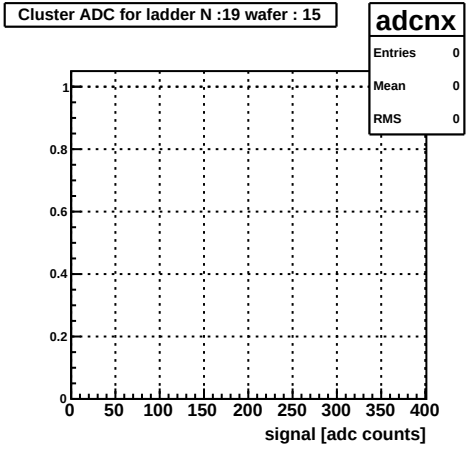

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

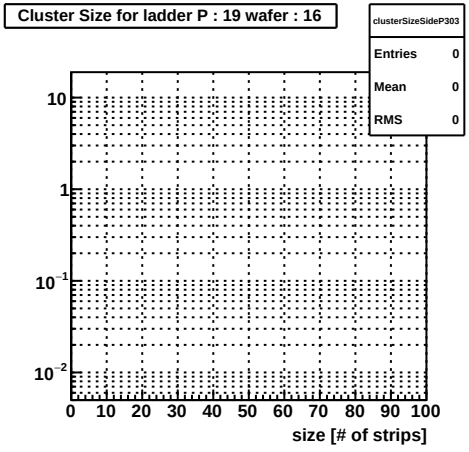

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

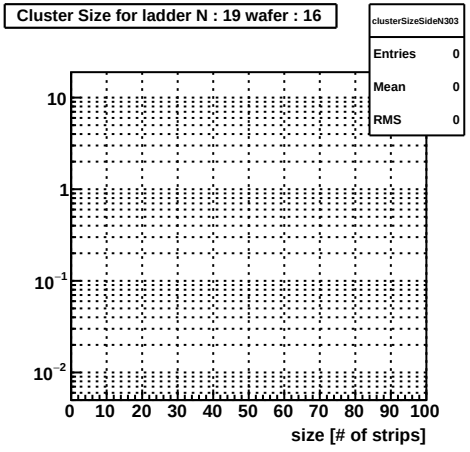

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

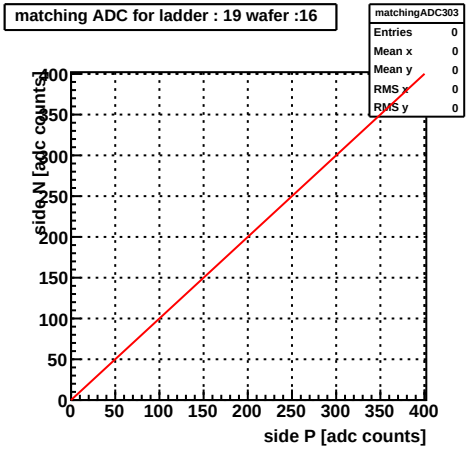

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

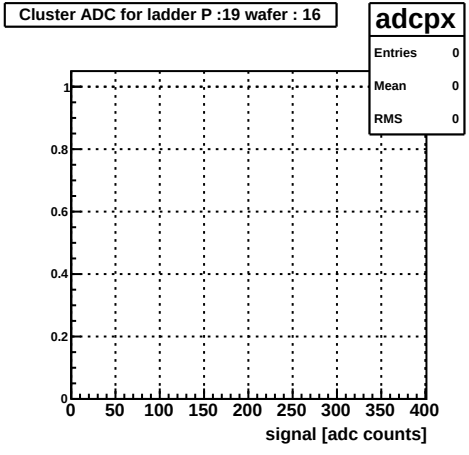

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

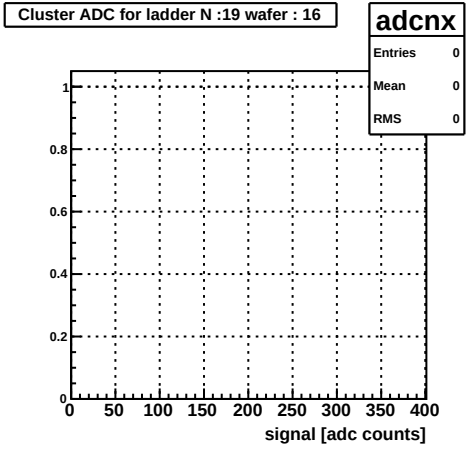

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

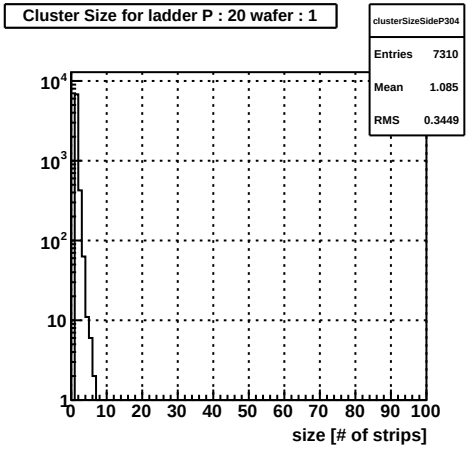

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

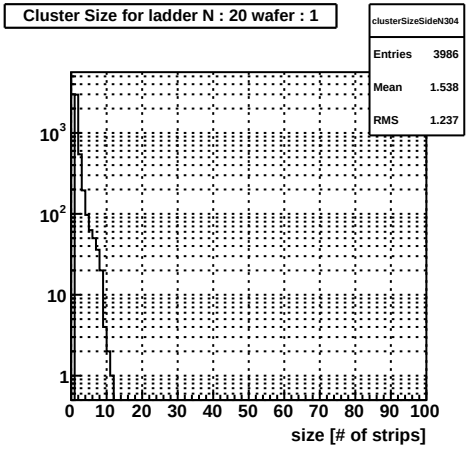

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

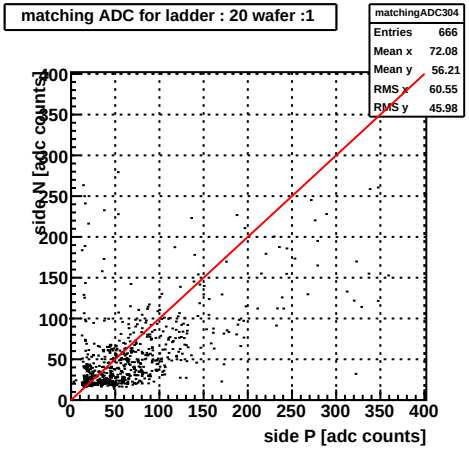

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

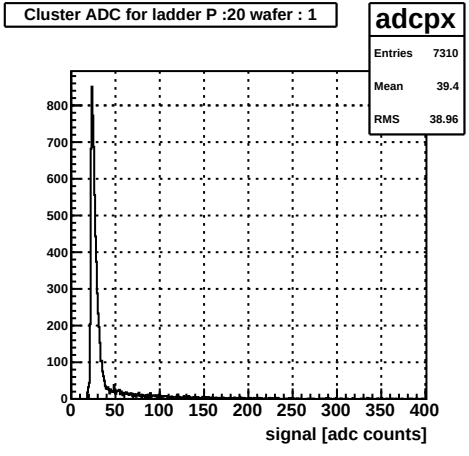

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

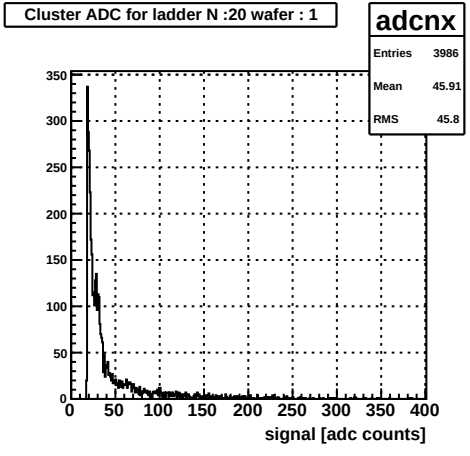

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

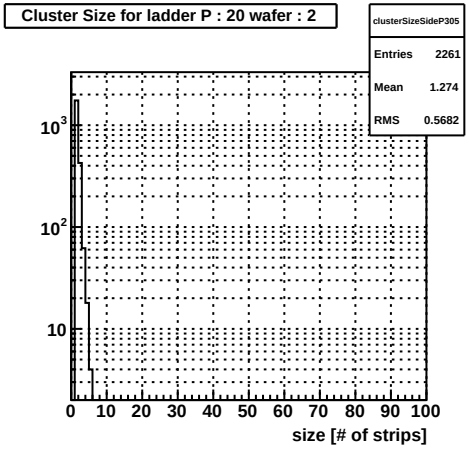

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7310
Mean 1.085
RMS 0.3449
size [# of strips]

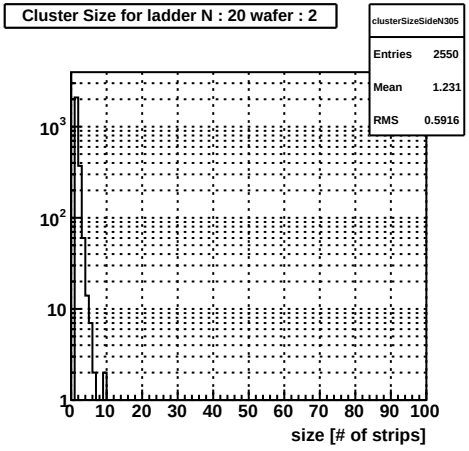

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3986
Mean 1.538
RMS 1.237
size [# of strips]

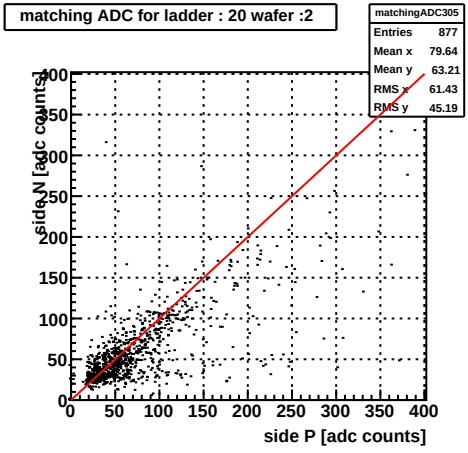

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 666
Mean x 72.08
Mean y 56.21
RMS x 60.55
RMS y 45.98
side N [adc counts]
side P [adc counts]

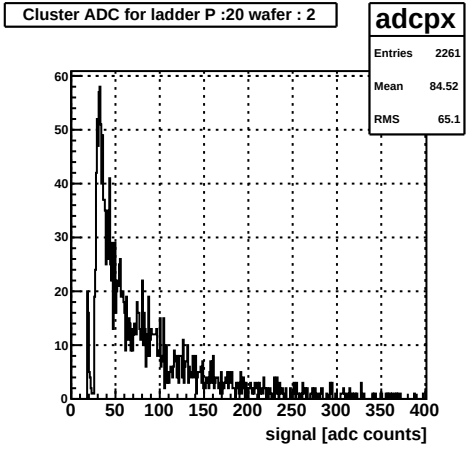

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7310
Mean 39.4
RMS 38.96
signal [adc counts]

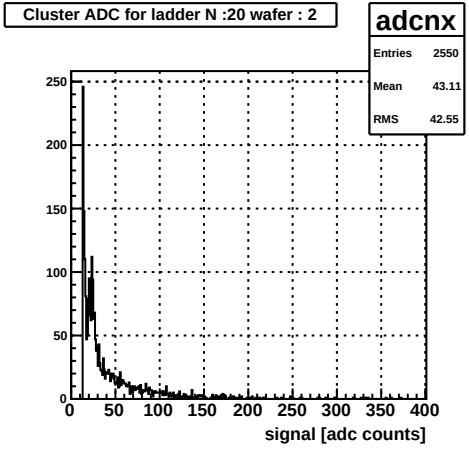

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3986
Mean 45.91
RMS 45.8
signal [adc counts]

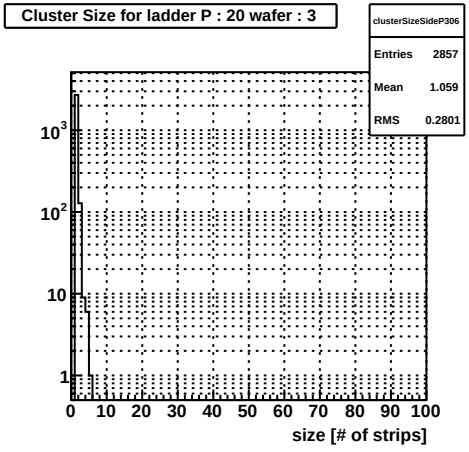

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2261
Mean 1.274
RMS 0.5682
size [# of strips]

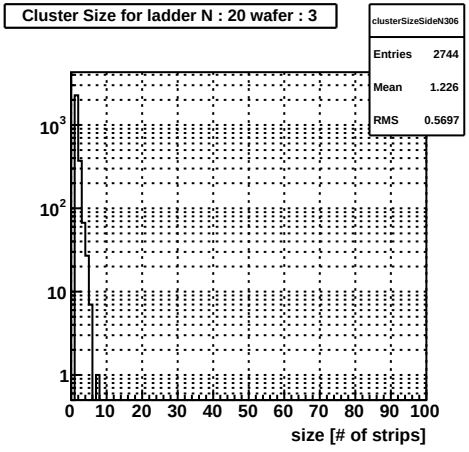

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2550
Mean 1.231
RMS 0.5916
size [# of strips]

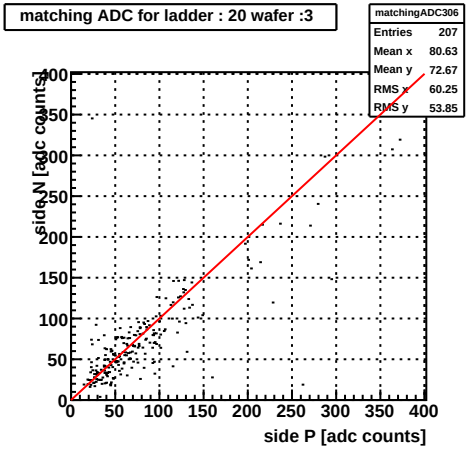

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 877
Mean x 79.64
Mean y 63.21
RMS x 61.43
RMS y 45.19
side N [adc counts]
side P [adc counts]

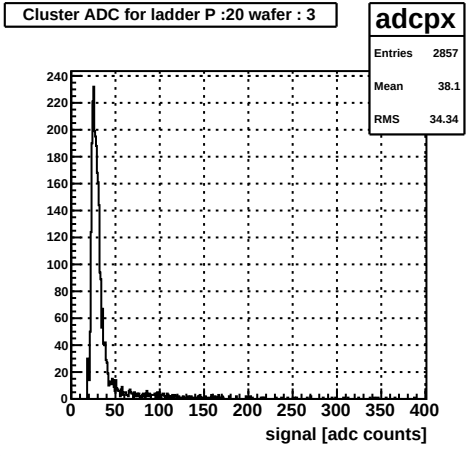

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2261
Mean 84.52
RMS 65.1
signal [adc counts]

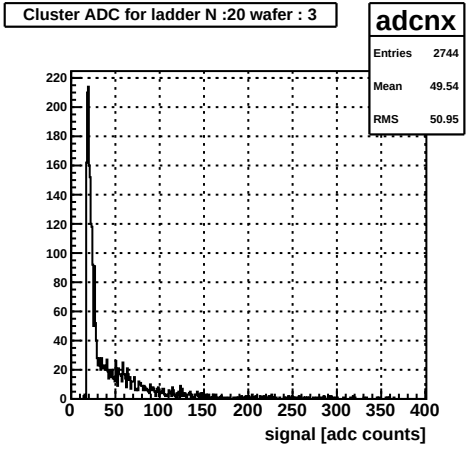

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2550
Mean 43.11
RMS 42.55
signal [adc counts]

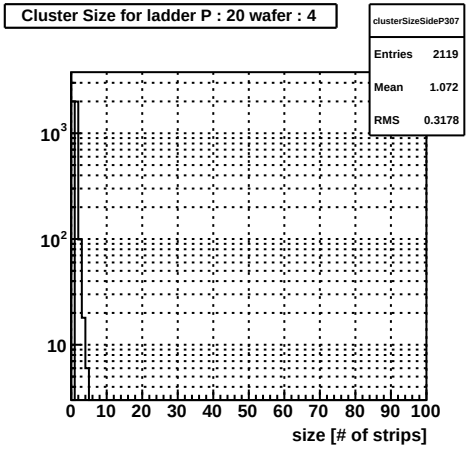

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2857
Mean 1.059
RMS 0.2801
size [# of strips]

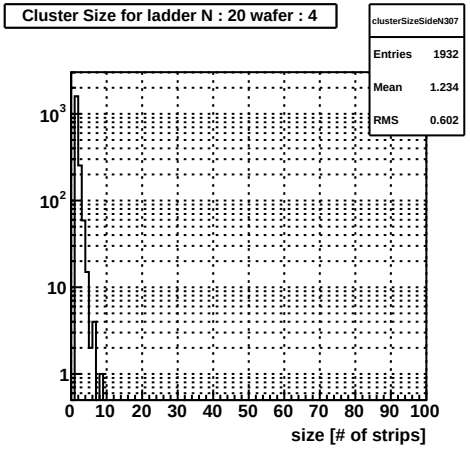

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2744
Mean 1.226
RMS 0.5697
size [# of strips]

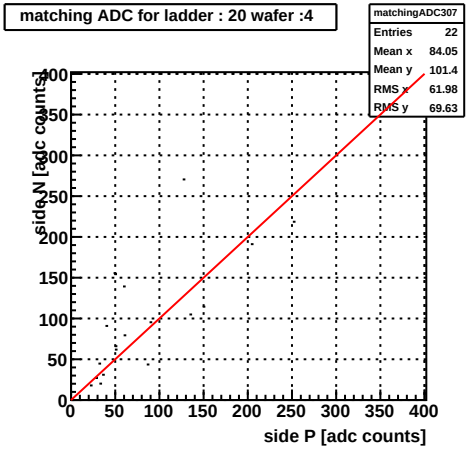

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 207
Mean x 80.63
Mean y 72.67
RMS x 60.25
RMS y 53.85
side N [adc counts]
side P [adc counts]

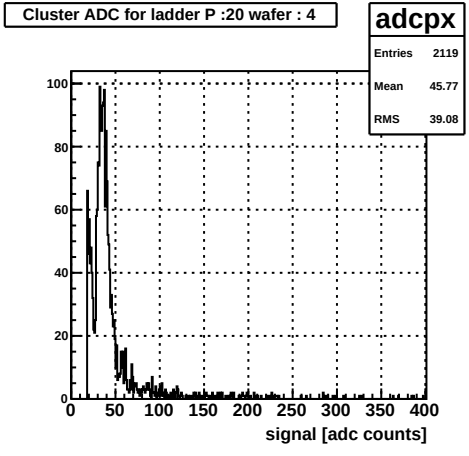

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2857
Mean 38.1
RMS 34.34
signal [adc counts]

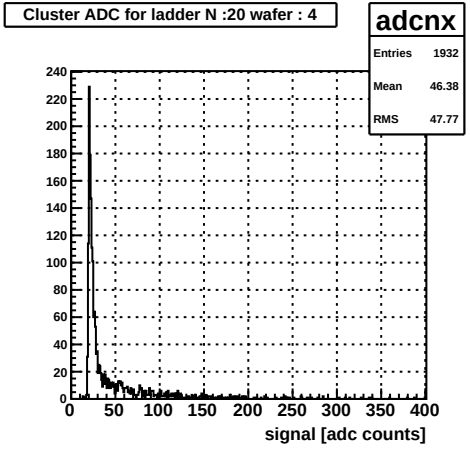

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2744
Mean 49.54
RMS 50.95
signal [adc counts]

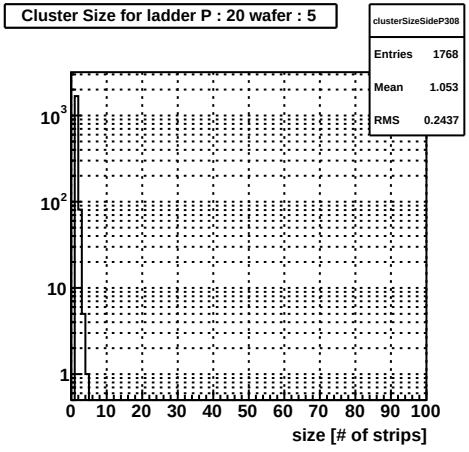

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2119
Mean 1.072
RMS 0.3178
size [# of strips]

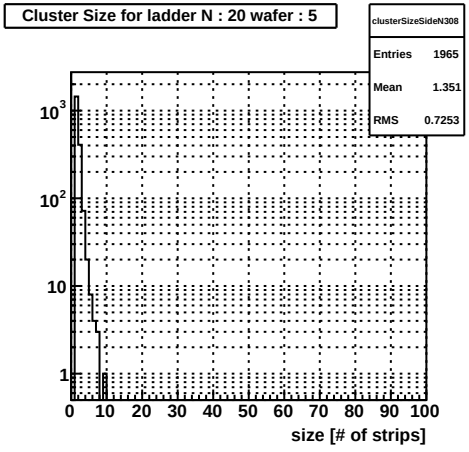

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1932
Mean 1.234
RMS 0.602
size [# of strips]

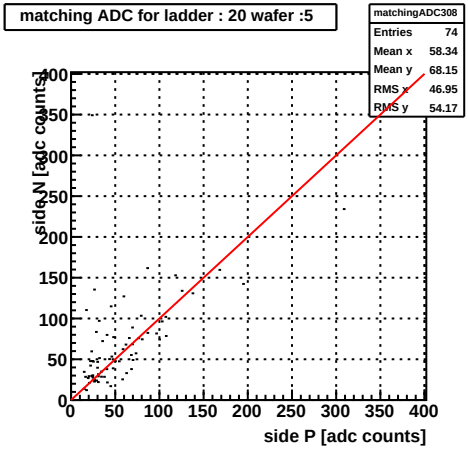

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 22
Mean x 84.05
Mean y 101.4
RMS x 61.98
RMS y 69.63
side N [adc counts]
side P [adc counts]

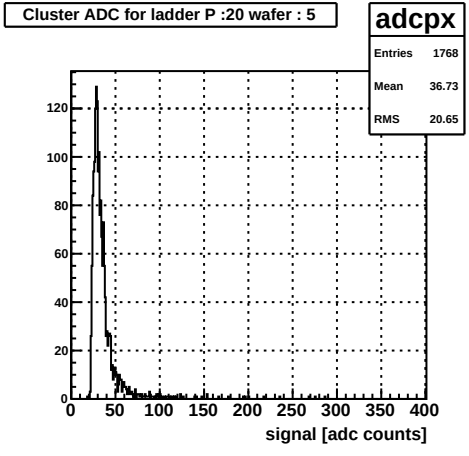

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2119
Mean 45.77
RMS 39.08
signal [adc counts]

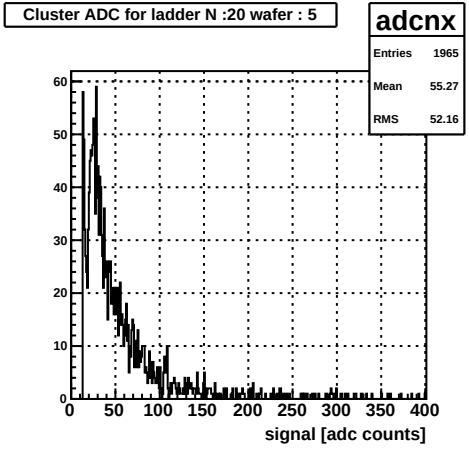

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1932
Mean 46.38
RMS 47.77
signal [adc counts]

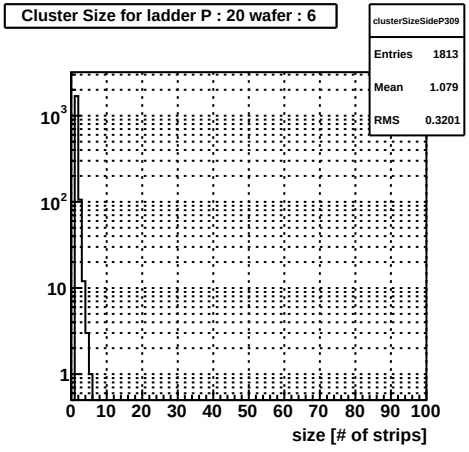

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1768
Mean 1.053
RMS 0.2437
size [# of strips]

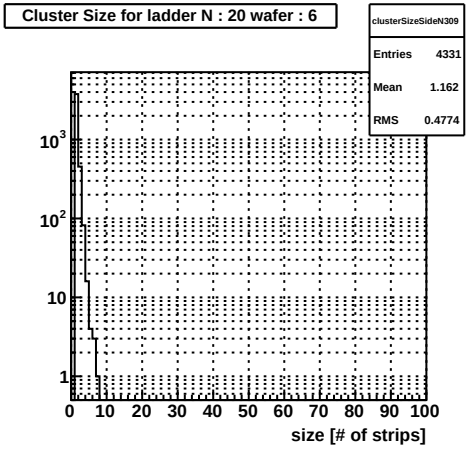

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1965
Mean 1.351
RMS 0.7253
size [# of strips]

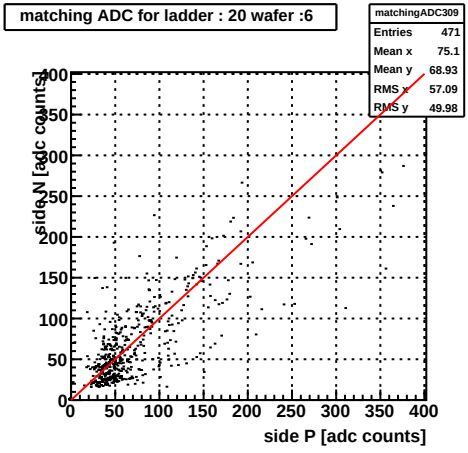

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 74
Mean x 58.34
Mean y 68.15
RMS x 46.95
RMS y 54.17
side N [adc counts]
side P [adc counts]

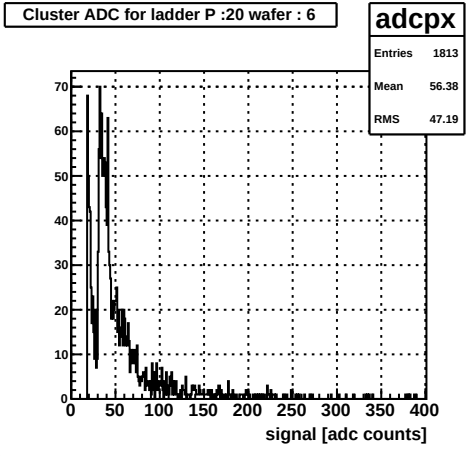

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1768
Mean 36.73
RMS 20.65
signal [adc counts]

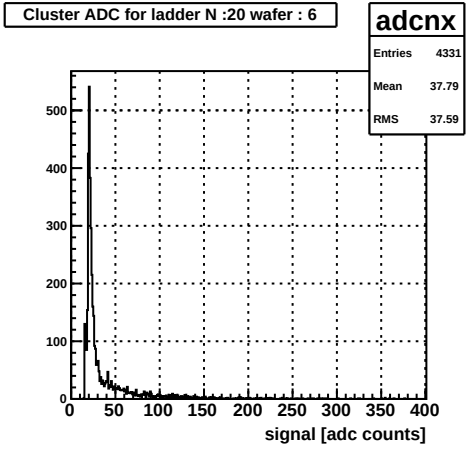

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1965
Mean 55.27
RMS 52.16
signal [adc counts]

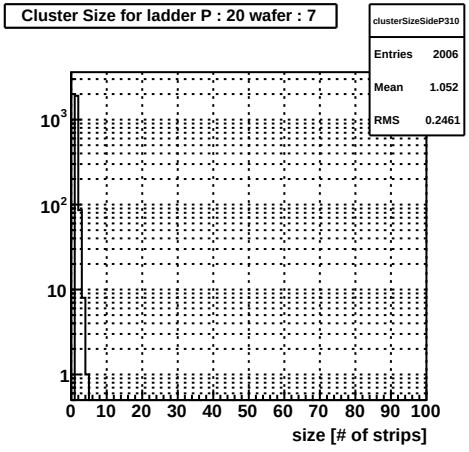

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1813
Mean 1.079
RMS 0.3201
size [# of strips]

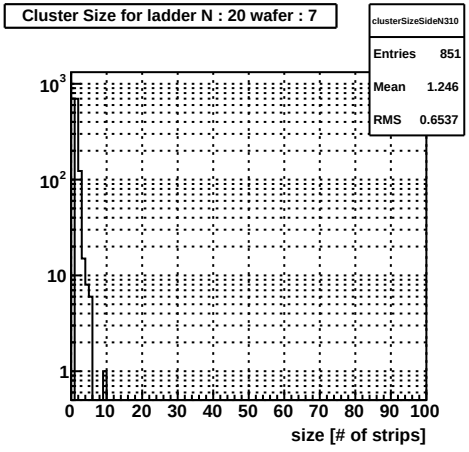

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 4331
Mean 1.162
RMS 0.4774
size [# of strips]

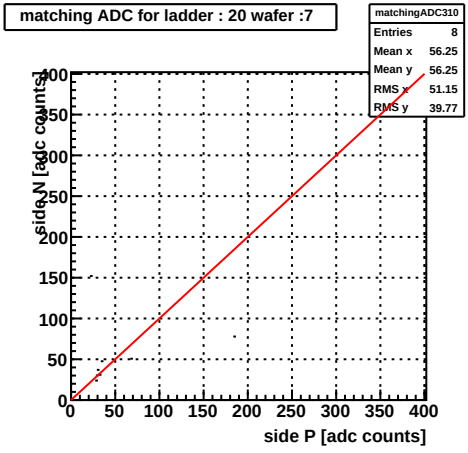

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 471
Mean x 75.1
Mean y 68.93
RMS x 57.09
RMS y 49.98
side N [adc counts]
side P [adc counts]

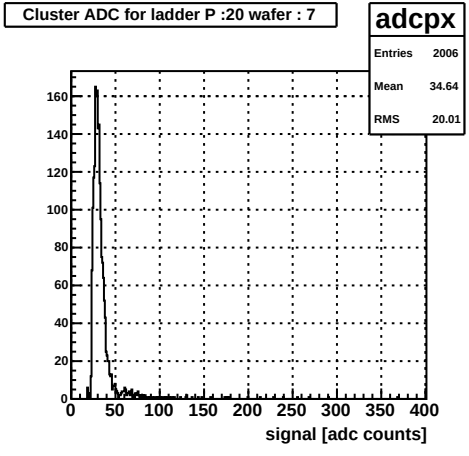

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1813
Mean 56.38
RMS 47.19
signal [adc counts]

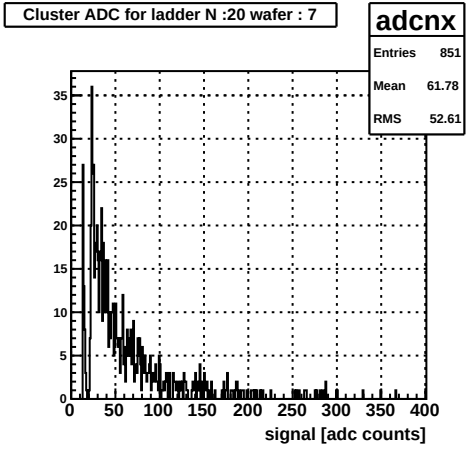

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 4331
Mean 37.79
RMS 37.59
signal [adc counts]

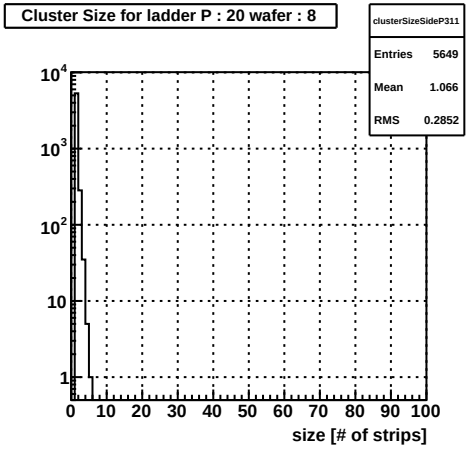

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2006
Mean 1.052
RMS 0.2461
size [# of strips]

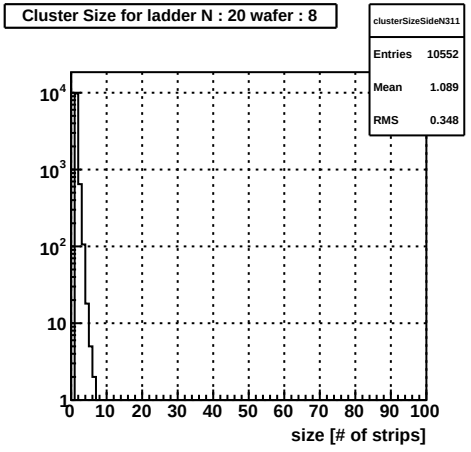

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 851
Mean 1.246
RMS 0.6537
size [# of strips]

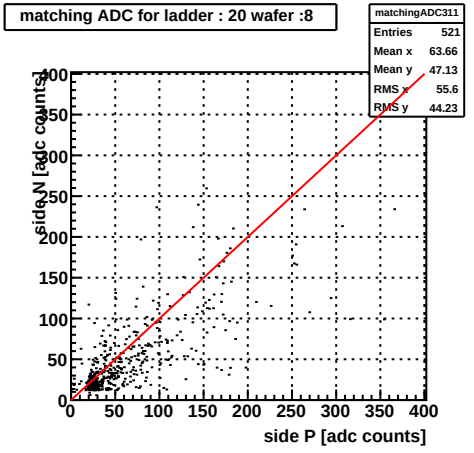

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 8
Mean x 56.25
Mean y 56.25
RMS x 51.15
RMS y 39.77
side N [adc counts]
side P [adc counts]

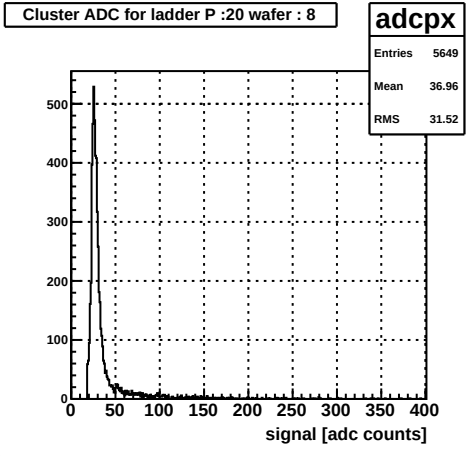

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2006
Mean 34.64
RMS 20.01
signal [adc counts]

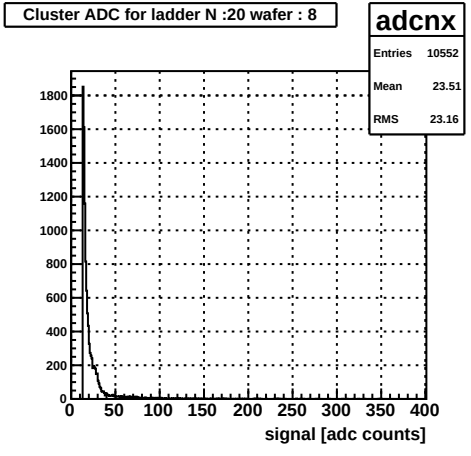

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 851
Mean 61.78
RMS 52.61
signal [adc counts]

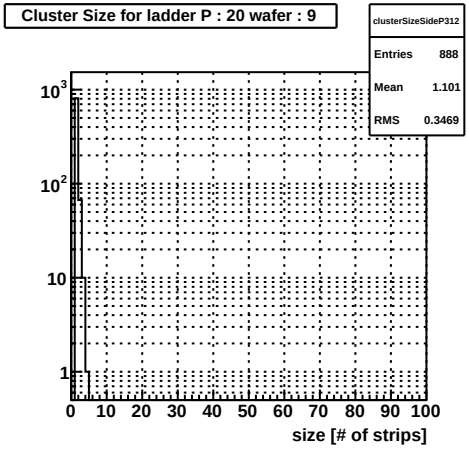

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5649
Mean 1.066
RMS 0.2852
size [# of strips]

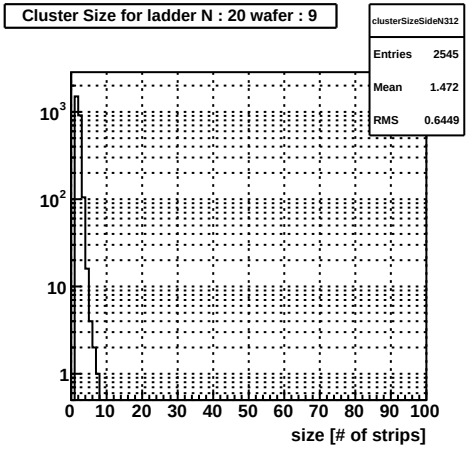

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10552
Mean 1.089
RMS 0.348
size [# of strips]

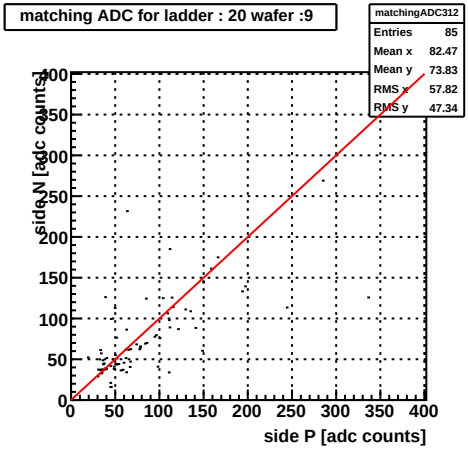

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 521
Mean x 63.66
Mean y 47.13
RMS x 55.6
RMS y 44.23
side N [adc counts]
side P [adc counts]

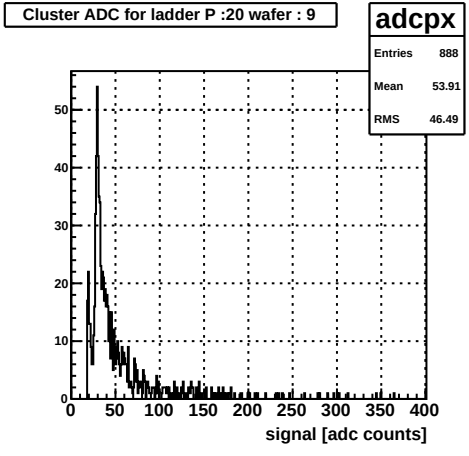

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5649
Mean 36.96
RMS 31.52
signal [adc counts]

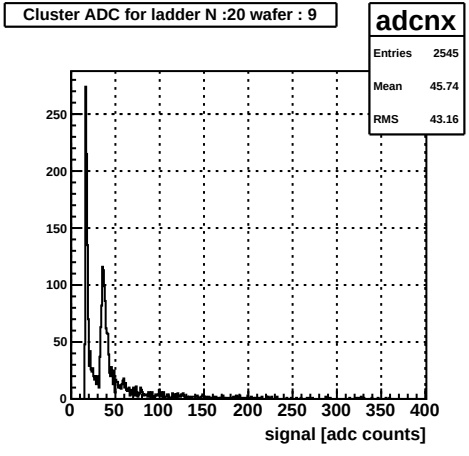

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10552
Mean 23.51
RMS 23.16
signal [adc counts]

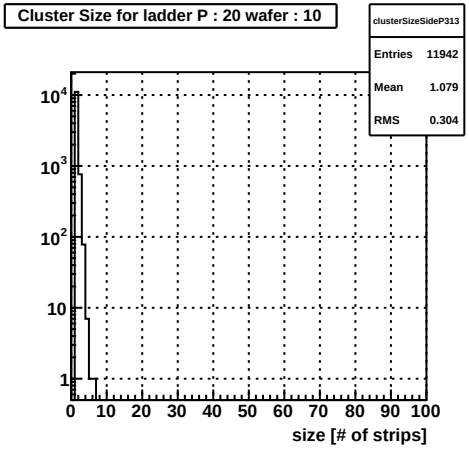

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 888
Mean 1.101
RMS 0.3469
size [# of strips]

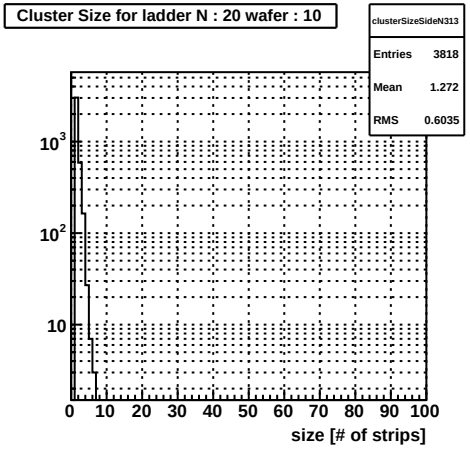

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2545
Mean 1.472
RMS 0.6449
size [# of strips]

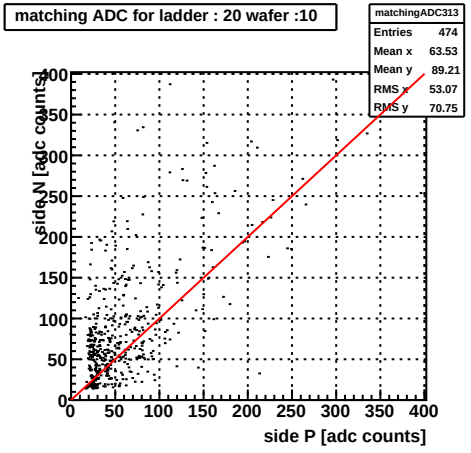

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 85
Mean x 82.47
Mean y 73.83
RMS x 57.82
RMS y 47.34
side N [adc counts]
side P [adc counts]

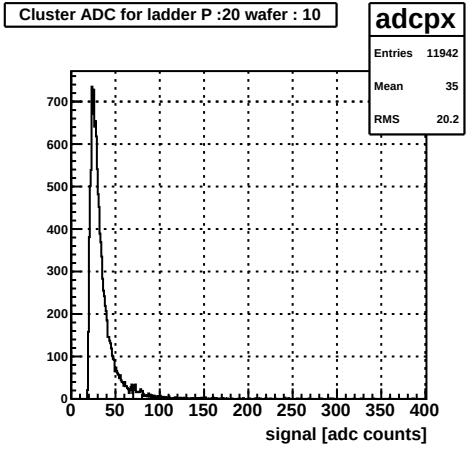

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 888
Mean 53.91
RMS 46.49
signal [adc counts]

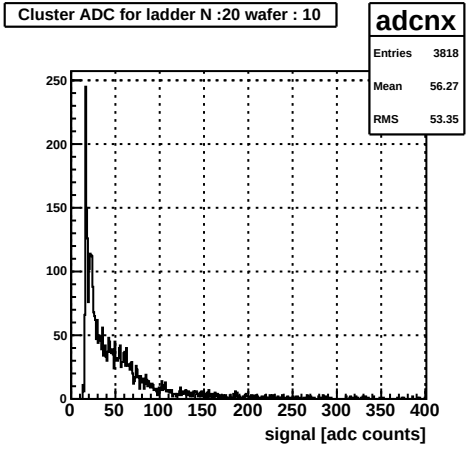

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2545
Mean 45.74
RMS 43.16
signal [adc counts]

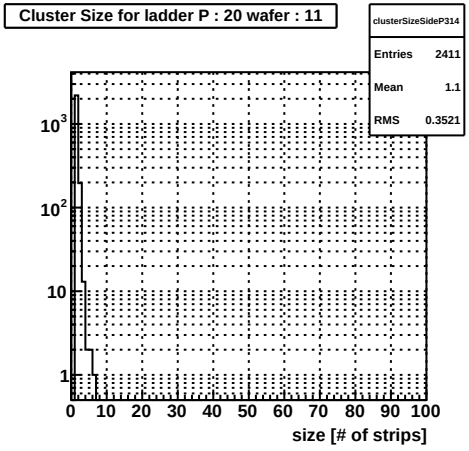

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11942
Mean 1.079
RMS 0.304
size [# of strips]

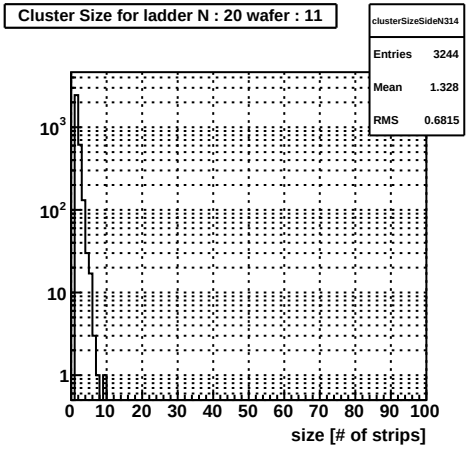

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3818
Mean 1.272
RMS 0.6035
size [# of strips]

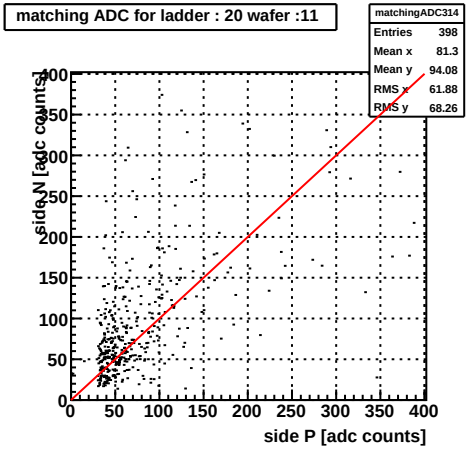

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 474
Mean x 63.53
Mean y 89.21
RMS x 53.07
RMS y 70.75
side N [adc counts]
side P [adc counts]

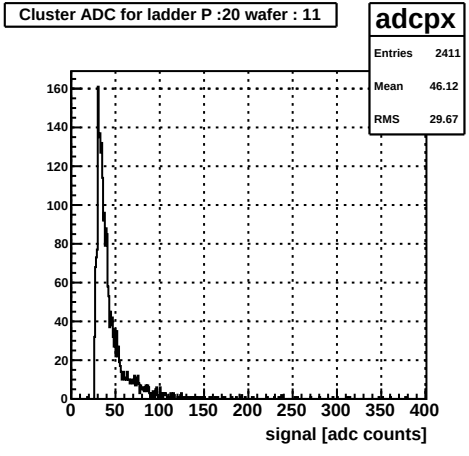

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11942
Mean 35
RMS 20.2
signal [adc counts]

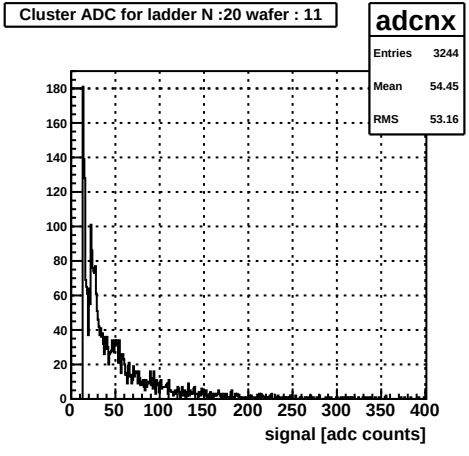

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3818
Mean 56.27
RMS 53.35
signal [adc counts]

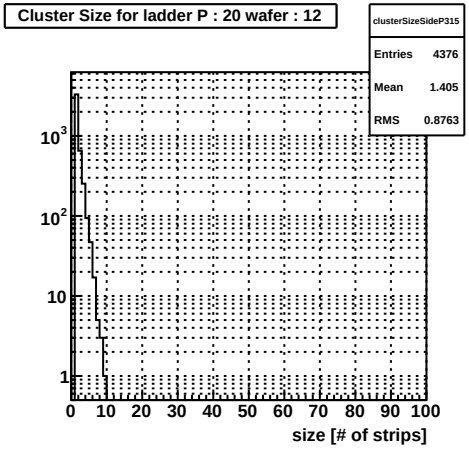

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2411
Mean 1.1
RMS 0.3521
size [# of strips]

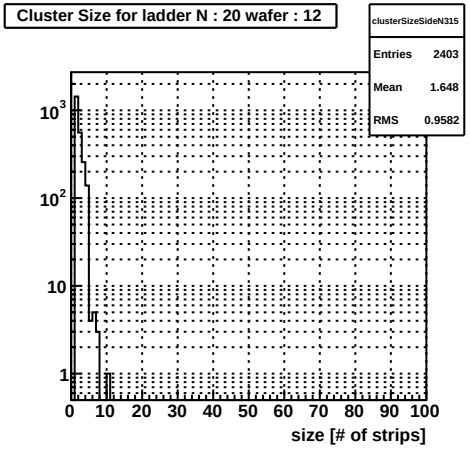

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3244
Mean 1.328
RMS 0.6815
size [# of strips]

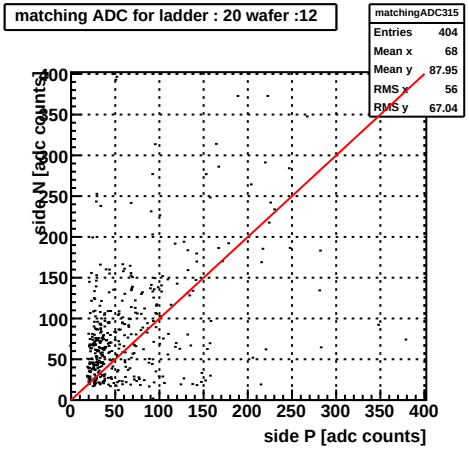

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 398
Mean x 81.3
Mean y 94.08
RMS x 61.88
RMS y 68.26
side N [adc counts]
side P [adc counts]

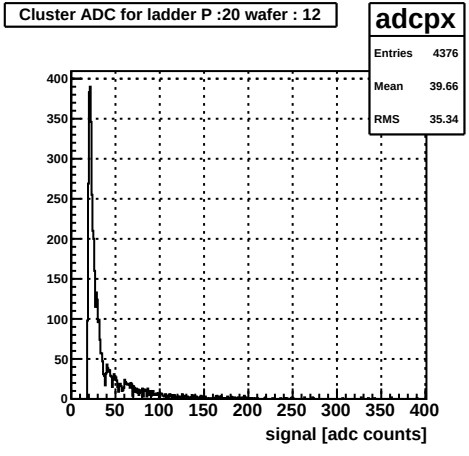

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2411
Mean 46.12
RMS 29.67
signal [adc counts]

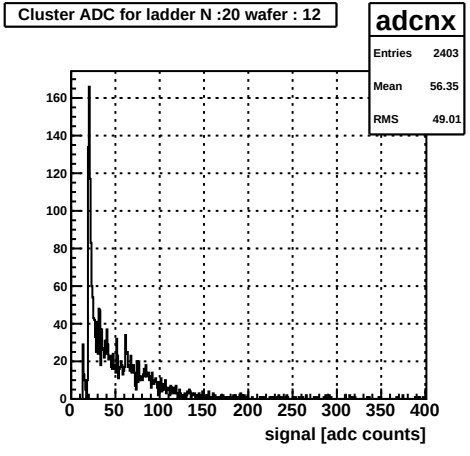

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3244
Mean 54.45
RMS 53.16
signal [adc counts]

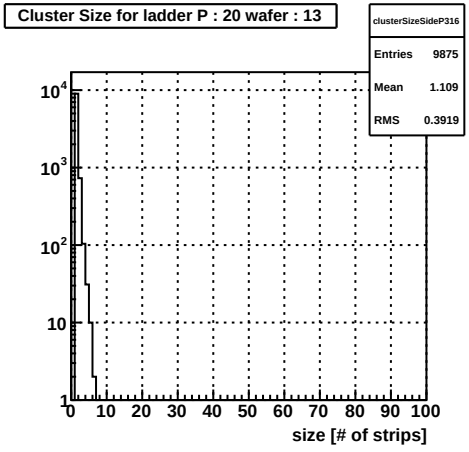

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4376
Mean 1.405
RMS 0.8763
size [# of strips]

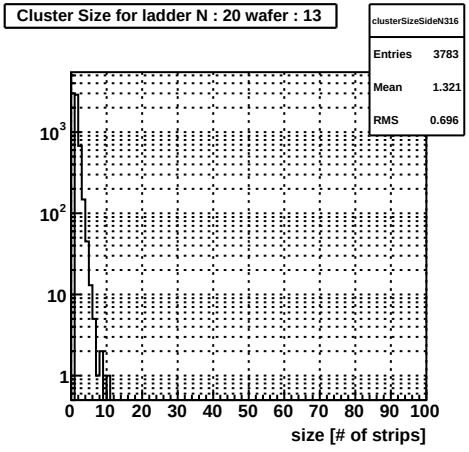

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2403
Mean 1.648
RMS 0.9582
size [# of strips]

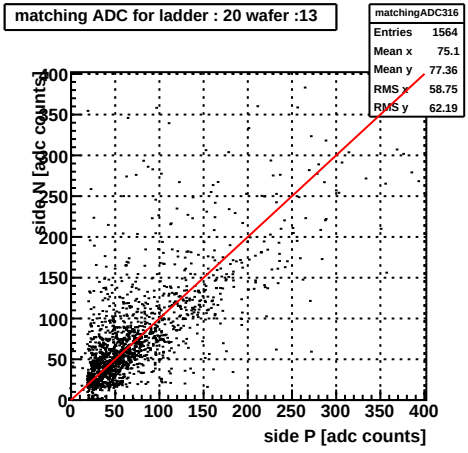

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 404
Mean x 68
Mean y 87.95
RMS x 56
RMS y 67.04
side N [adc counts]
side P [adc counts]

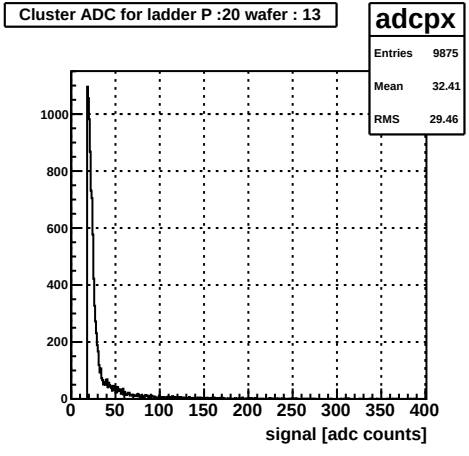

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4376
Mean 39.66
RMS 35.34
signal [adc counts]

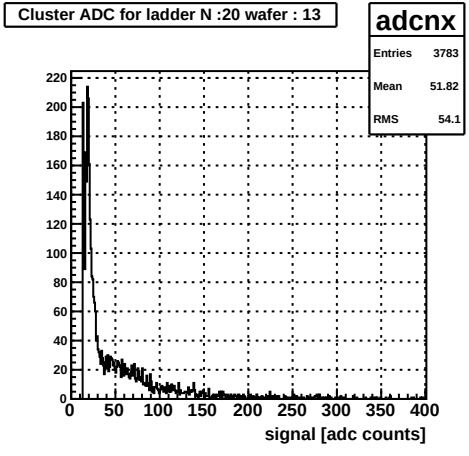

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2403
Mean 56.35
RMS 49.01
signal [adc counts]

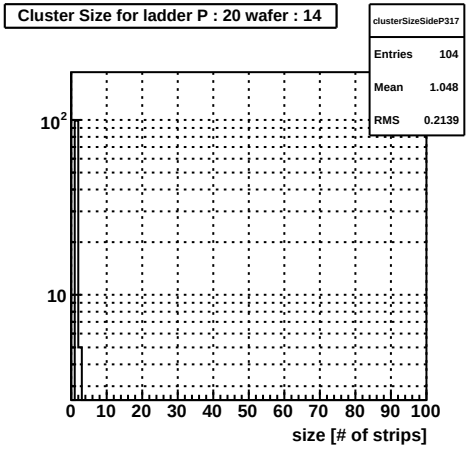

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9875
Mean 1.109
RMS 0.3919
size [# of strips]

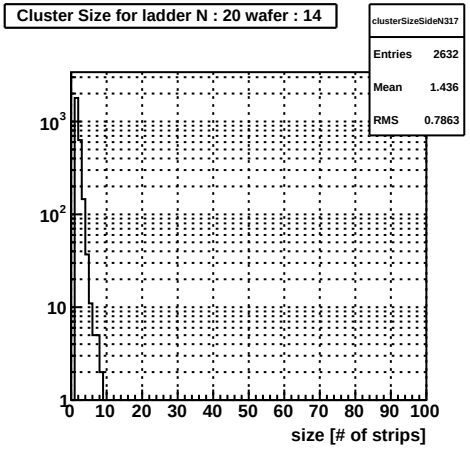

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3783
Mean 1.321
RMS 0.696
size [# of strips]

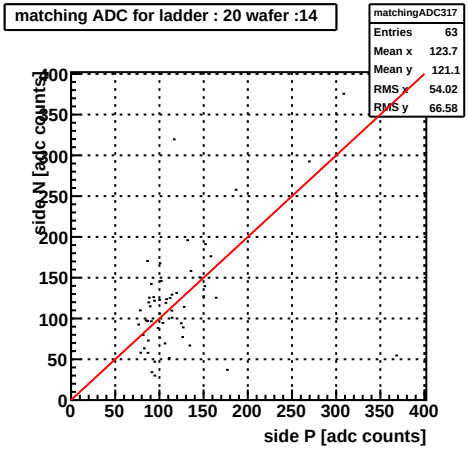

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1564
Mean x 75.1
Mean y 77.36
RMS x 58.75
RMS y 62.19
side N [adc counts]
side P [adc counts]

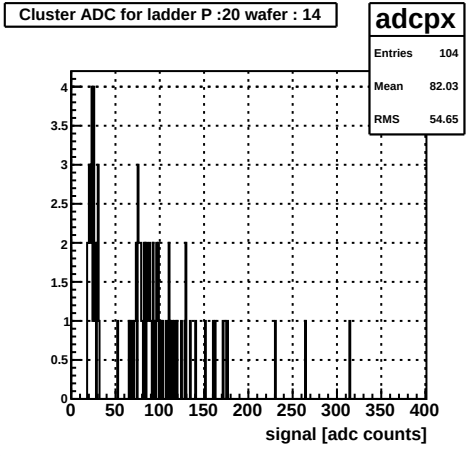

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9875
Mean 32.41
RMS 29.46
signal [adc counts]

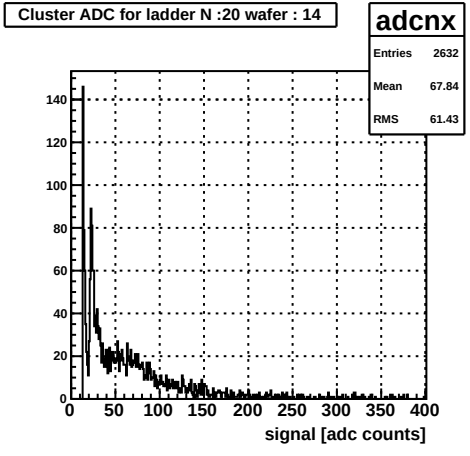

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3783
Mean 51.82
RMS 54.1
signal [adc counts]

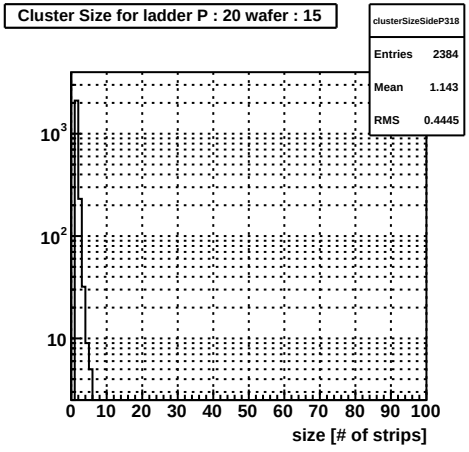

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 104
Mean 1.048
RMS 0.2139
size [# of strips]

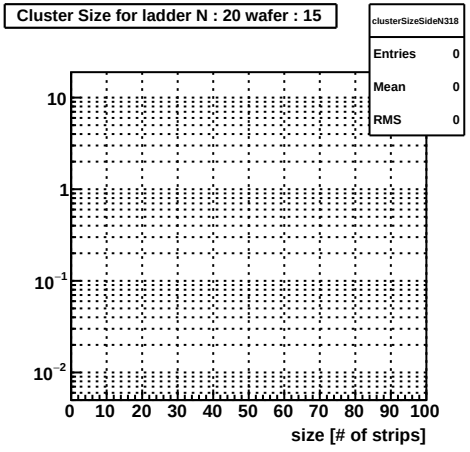

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2632
Mean 1.436
RMS 0.7863
size [# of strips]

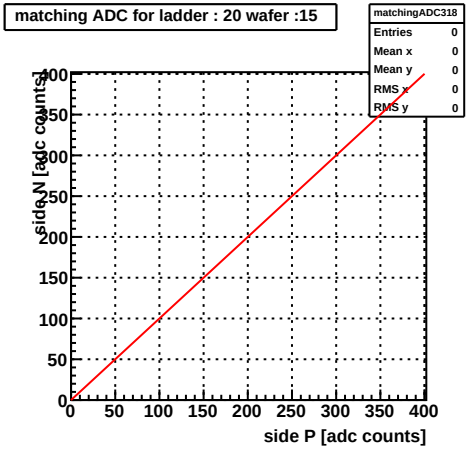

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 63
Mean x 123.7
Mean y 121.1
RMS x 54.02
RMS y 66.58
side N [adc counts]
side P [adc counts]

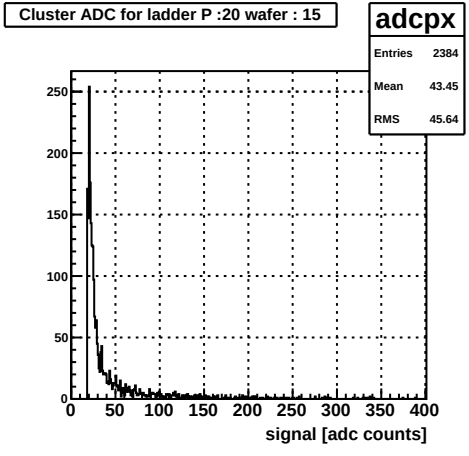

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 104
Mean 82.03
RMS 54.65
signal [adc counts]

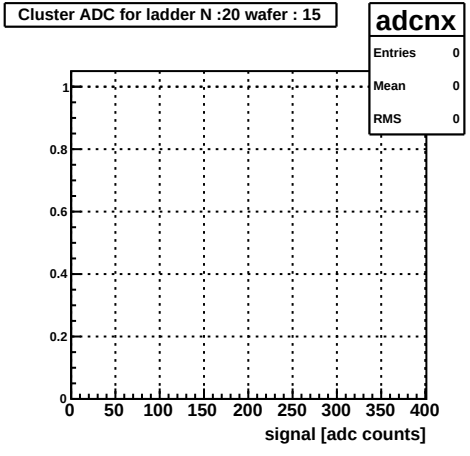

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2632
Mean 67.84
RMS 61.43
signal [adc counts]

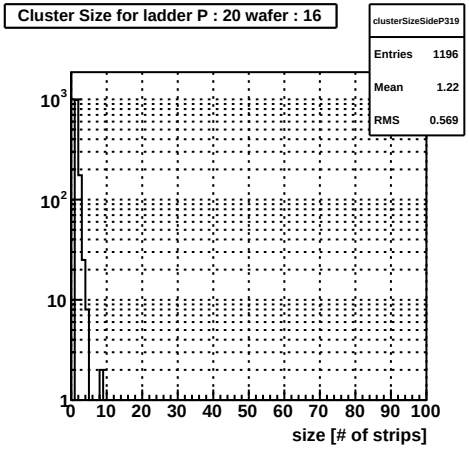

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2384
Mean 1.143
RMS 0.4445
size [# of strips]

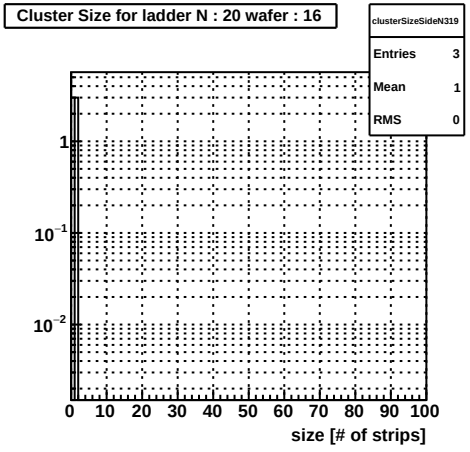

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 0
Mean 0
RMS 0
size [# of strips]

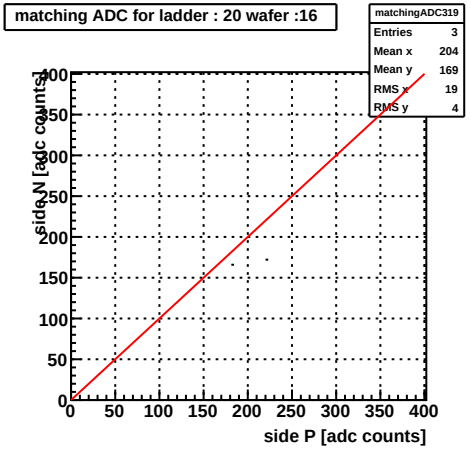

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

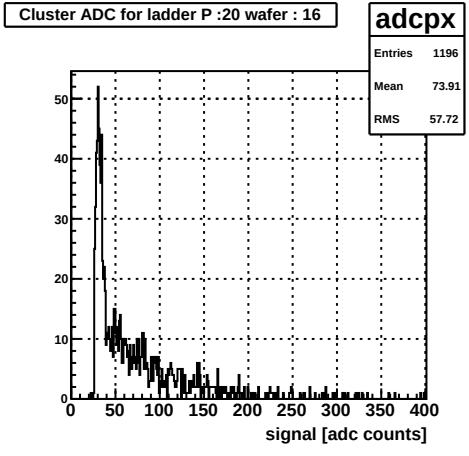

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2384
Mean 43.45
RMS 45.64
signal [adc counts]

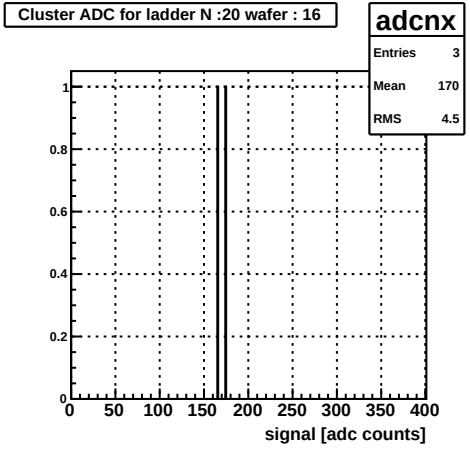

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1196
Mean 1.22
RMS 0.569
size [# of strips]

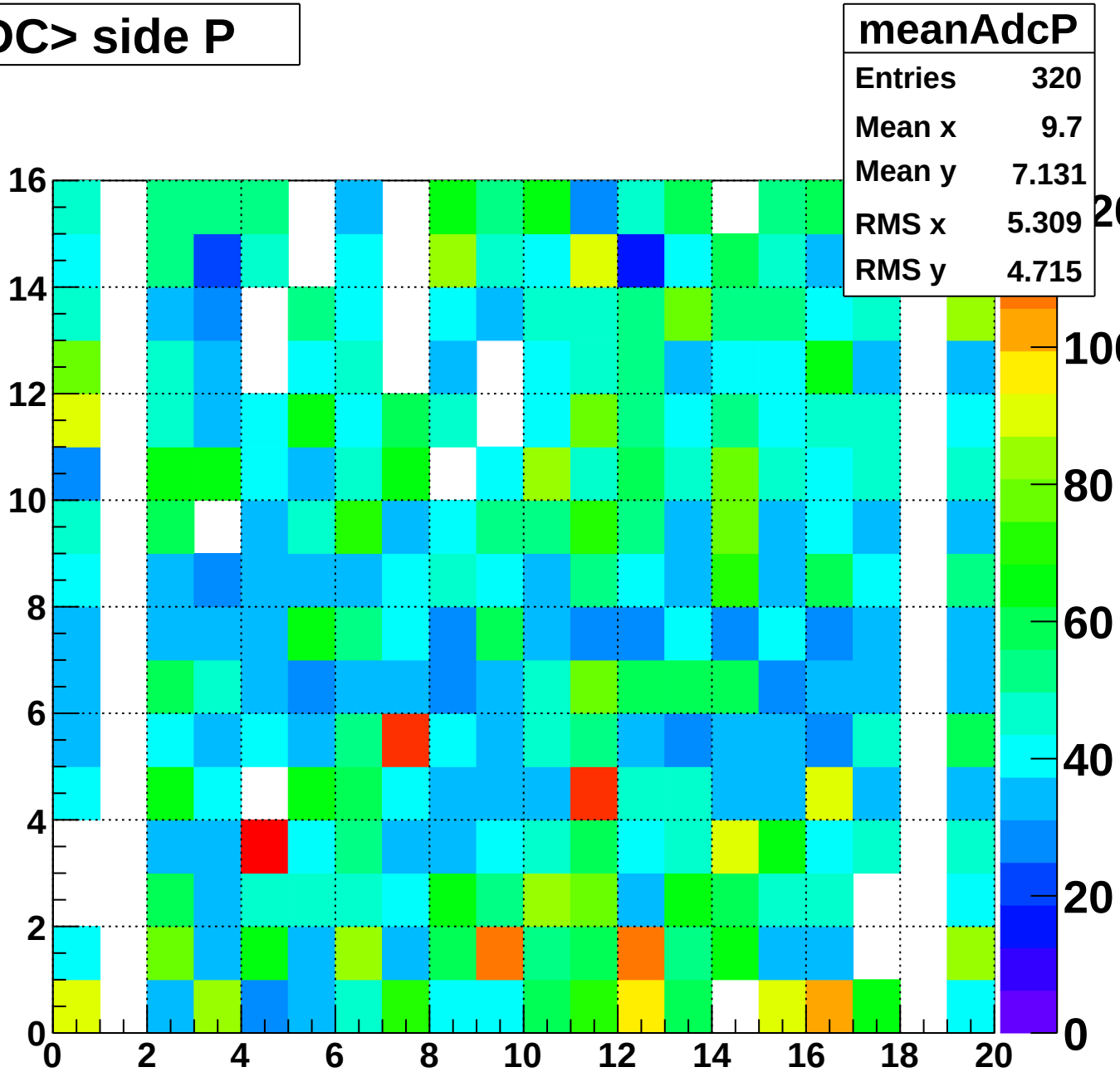

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 3
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3
Mean x 204
Mean y 169
RMS x 19
RMS y 4
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1196
Mean 73.91
RMS 57.72
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 3
Mean 170
RMS 4.5
signal [adc counts]

<ADC> side P



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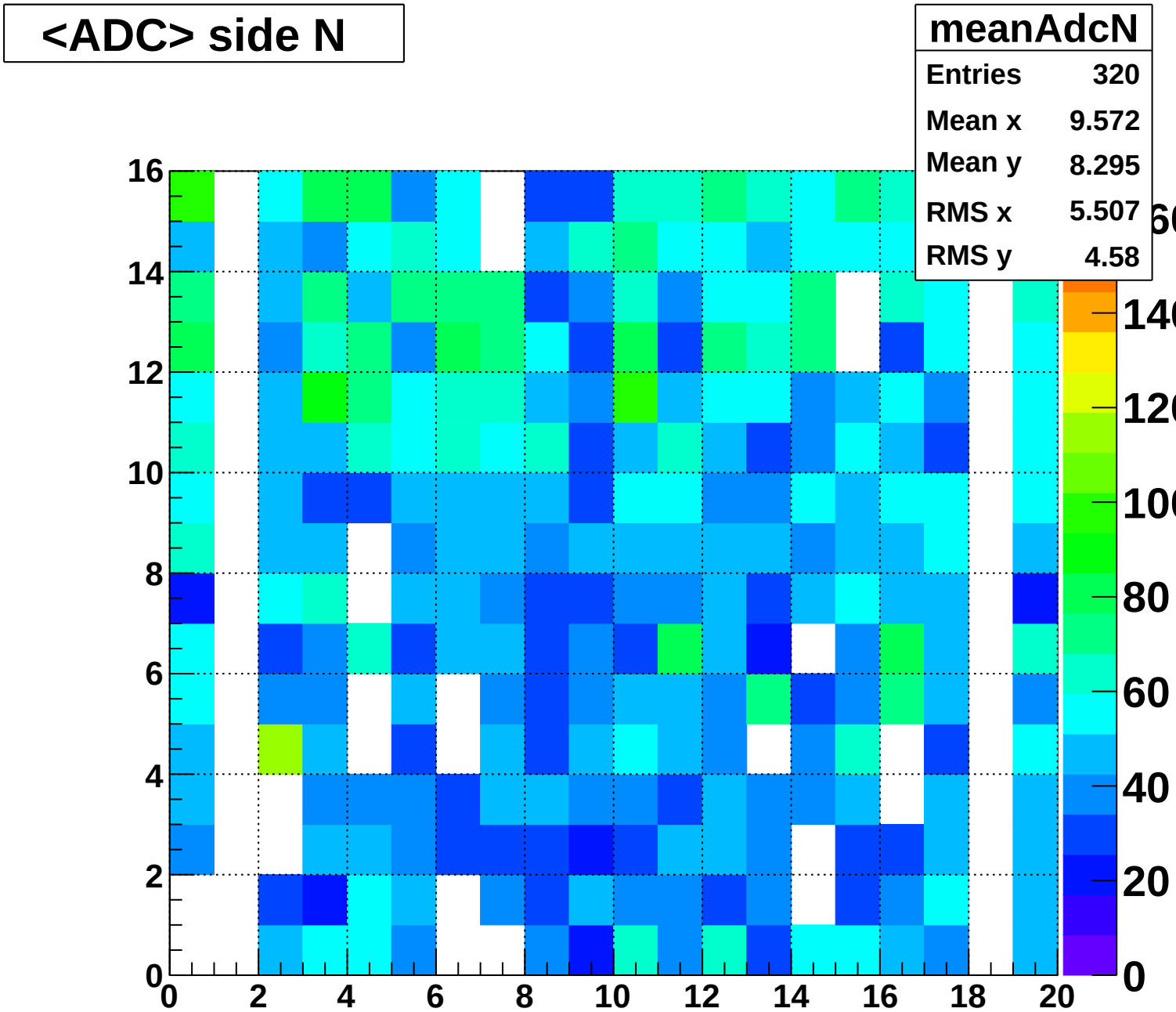

2016-05-17 12:10:10