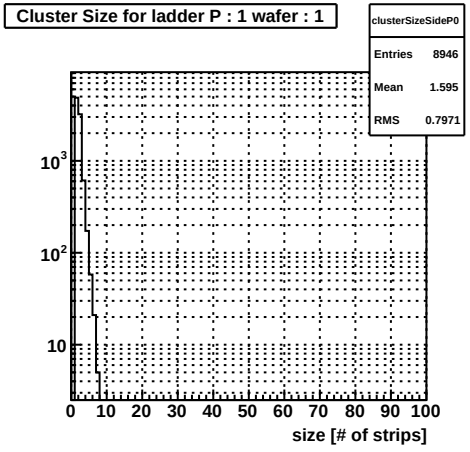
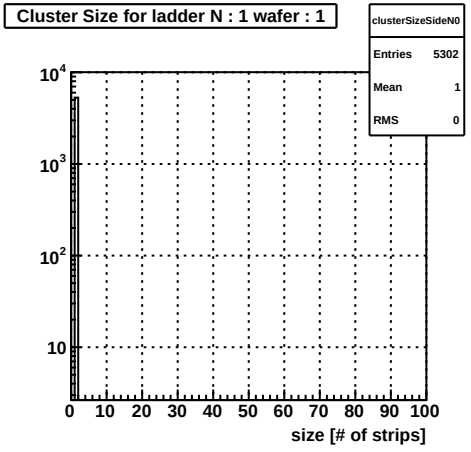
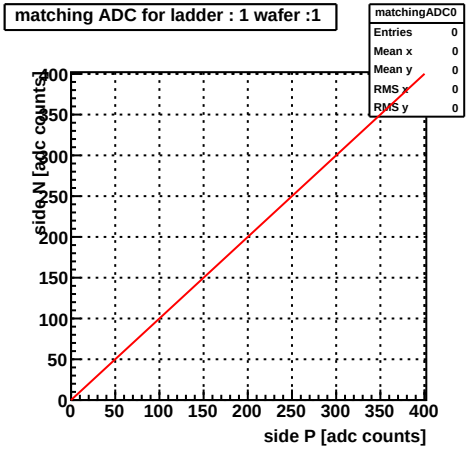
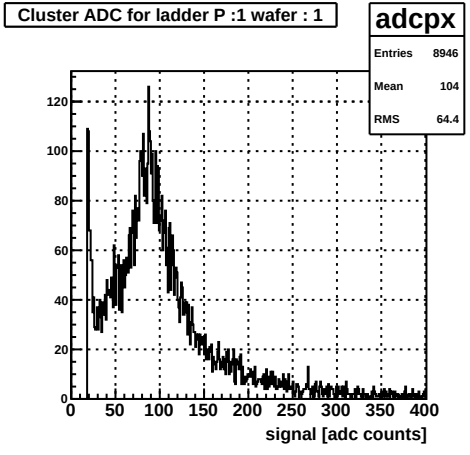
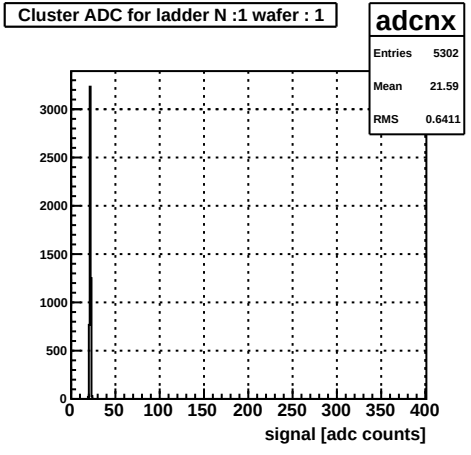
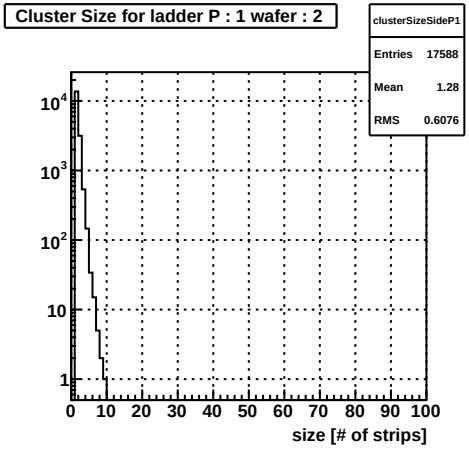

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8946
Mean 1.595
RMS 0.7971
size [# of strips]

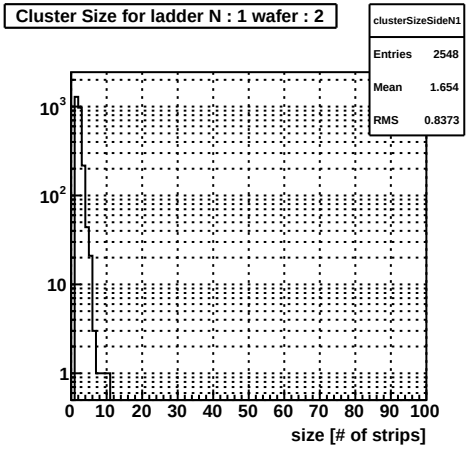

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 5302
Mean 1
RMS 0
size [# of strips]

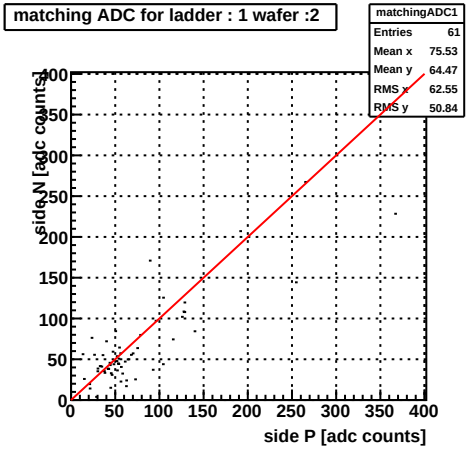

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

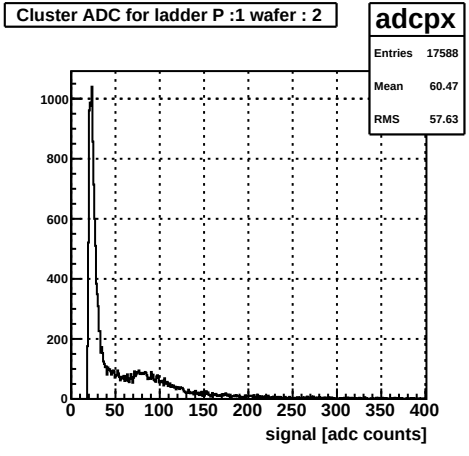

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8946
Mean 104
RMS 64.4
signal [adc counts]

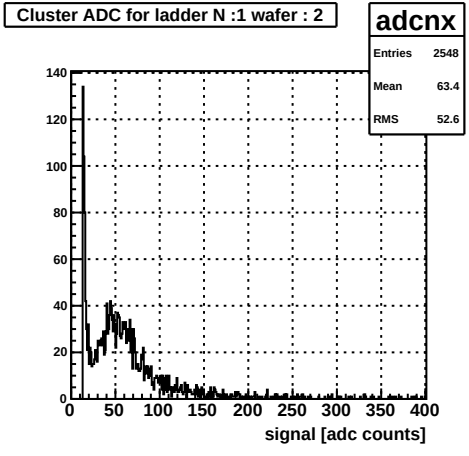

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 5302
Mean 21.59
RMS 0.6411
signal [adc counts]

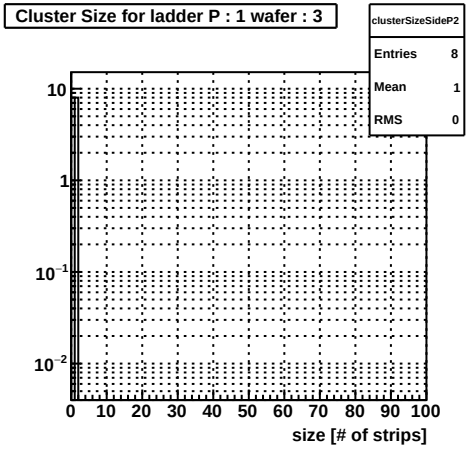

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 17588
Mean 1.28
RMS 0.6076
size [# of strips]

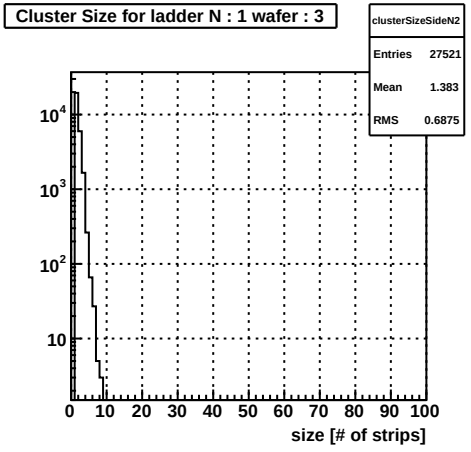

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2548
Mean 1.654
RMS 0.8373
size [# of strips]

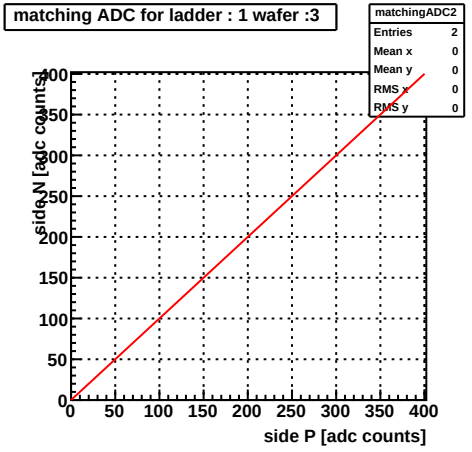

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 61
Mean x 75.53
Mean y 64.47
RMS x 62.55
RMS y 50.84
side N [adc counts]
side P [adc counts]

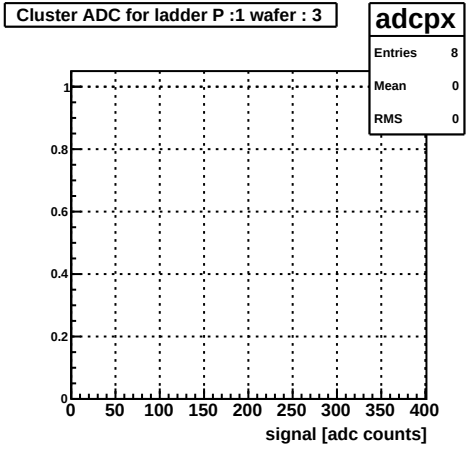

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 17588
Mean 60.47
RMS 57.63
signal [adc counts]

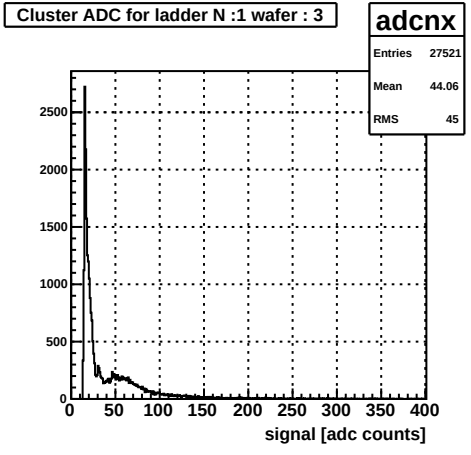

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2548
Mean 63.4
RMS 52.6
signal [adc counts]

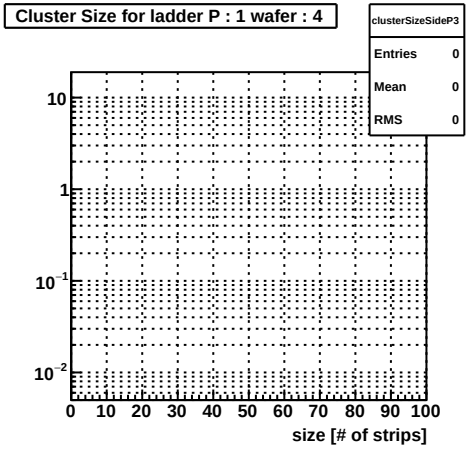

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 8
Mean 1
RMS 0
size [# of strips]

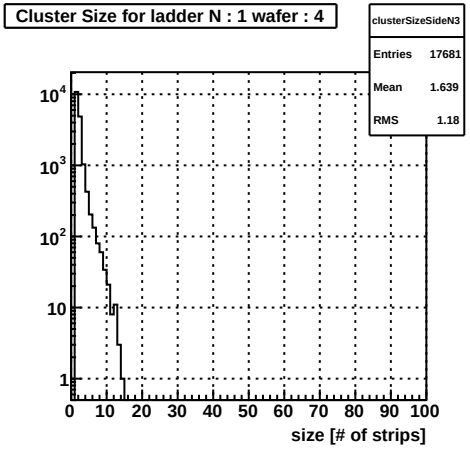

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 27521
Mean 1.383
RMS 0.6875
size [# of strips]

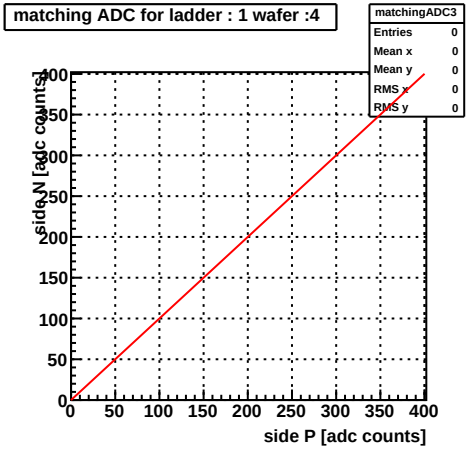

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

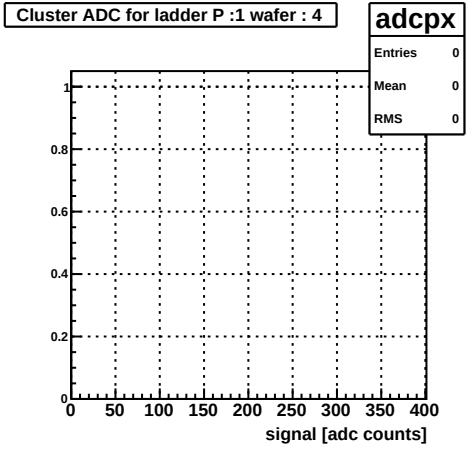

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

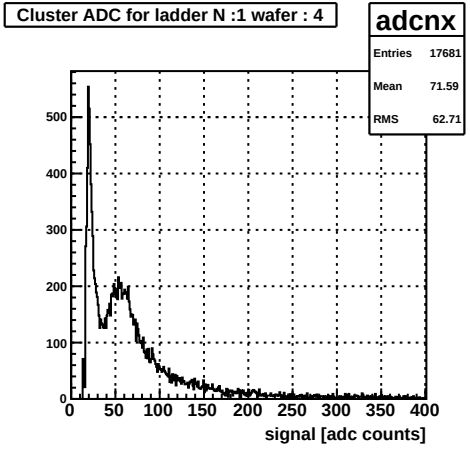

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 27521
Mean 44.06
RMS 45
signal [adc counts]

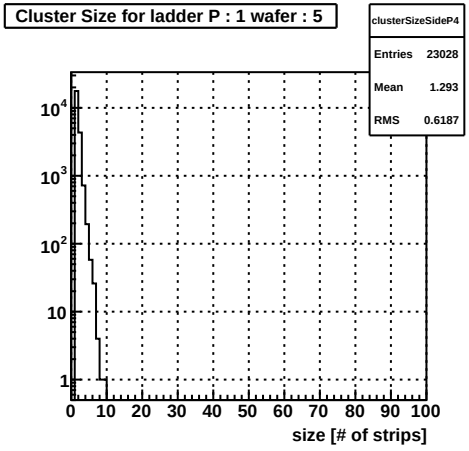

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

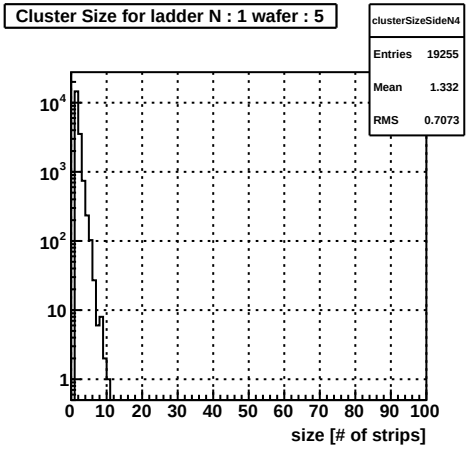

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 17681
Mean 1.639
RMS 1.18
size [# of strips]

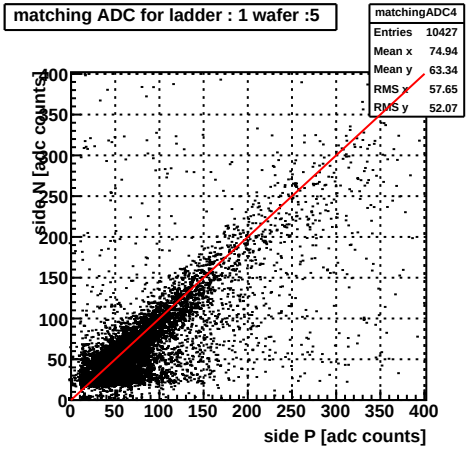

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

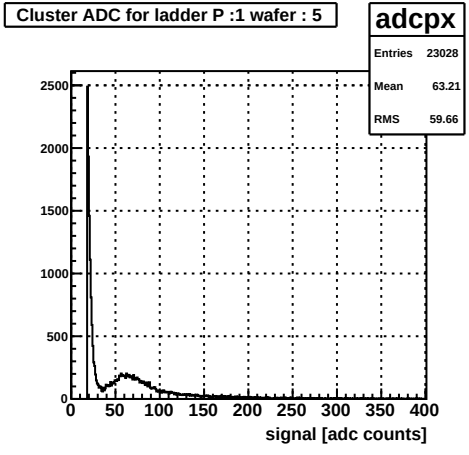

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

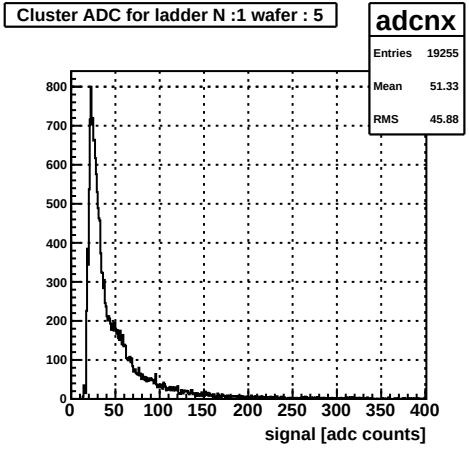

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 17681
Mean 71.59
RMS 62.71
signal [adc counts]

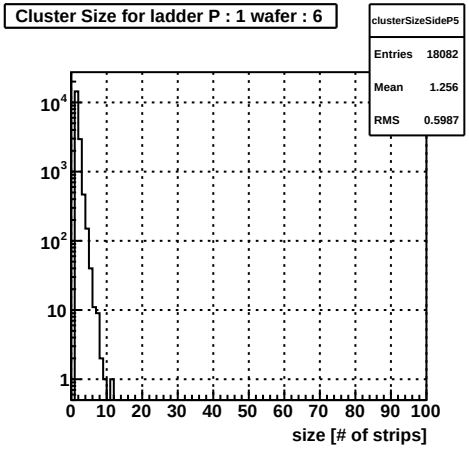

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 23028
Mean 1.293
RMS 0.6187
size [# of strips]

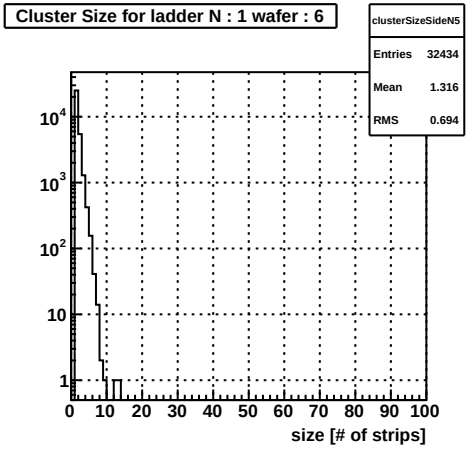

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 19255
Mean 1.332
RMS 0.7073
size [# of strips]

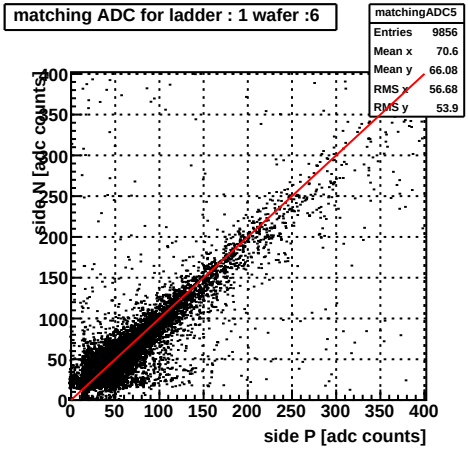

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10427
Mean x 74.94
Mean y 63.34
RMS x 57.65
RMS y 52.07
side N [adc counts]
side P [adc counts]

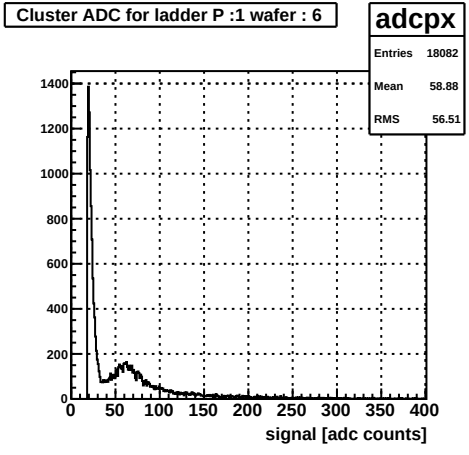

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 23028
Mean 63.21
RMS 59.66
signal [adc counts]

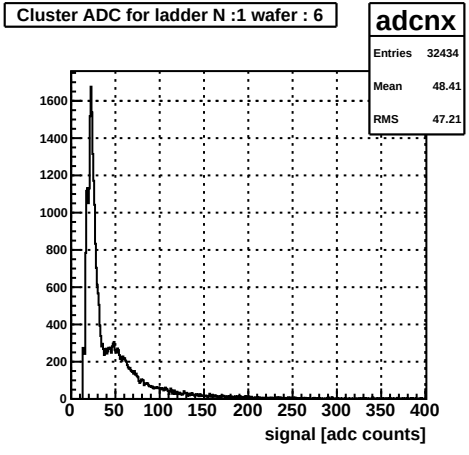

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 19255
Mean 51.33
RMS 45.88
signal [adc counts]

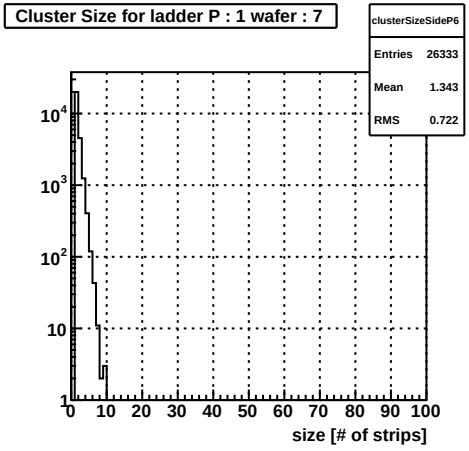

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 18082
Mean 1.256
RMS 0.5987
size [# of strips]

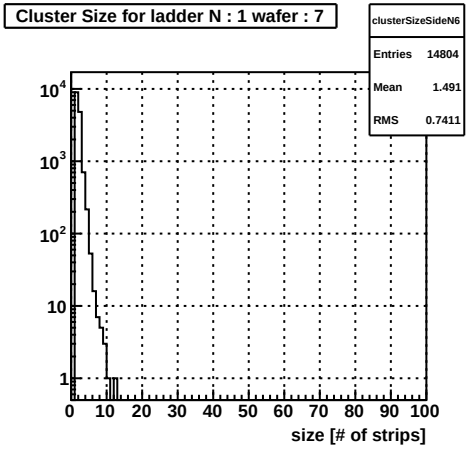

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 32434
Mean 1.316
RMS 0.694
size [# of strips]

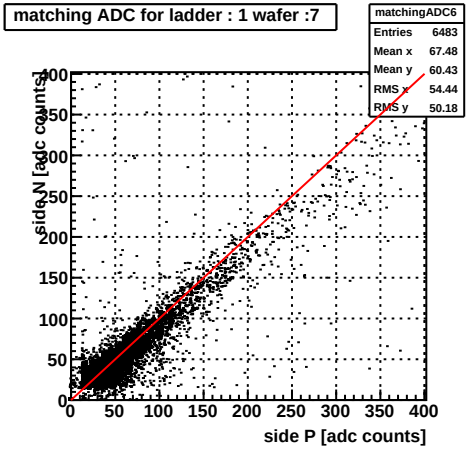

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9856
Mean x 70.6
Mean y 66.08
RMS x 56.68
RMS y 53.9
side N [adc counts]
side P [adc counts]

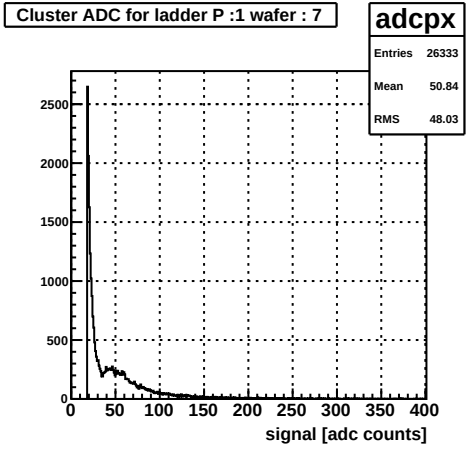

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 18082
Mean 58.88
RMS 56.51
signal [adc counts]

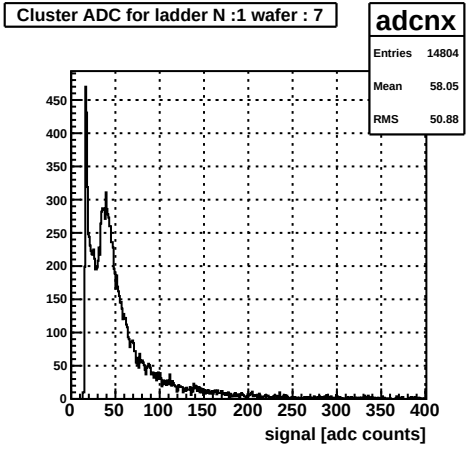

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 32434
Mean 48.41
RMS 47.21
signal [adc counts]

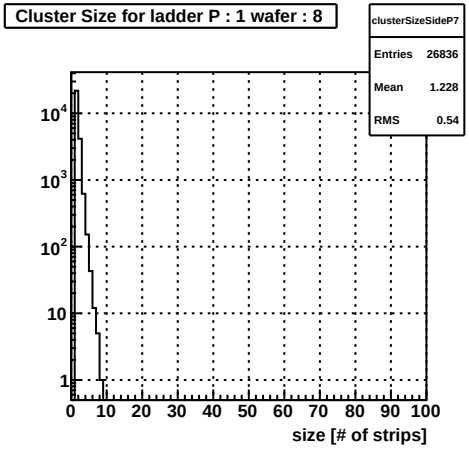

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 26333
Mean 1.343
RMS 0.722
size [# of strips]

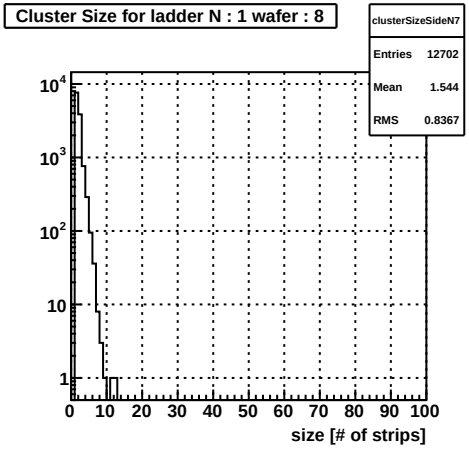

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 14804
Mean 1.491
RMS 0.7411
size [# of strips]

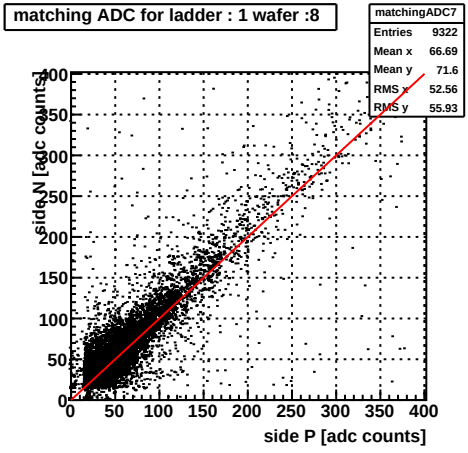

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6483
Mean x 67.48
Mean y 60.43
RMS x 54.44
RMS y 50.18
side N [adc counts]
side P [adc counts]

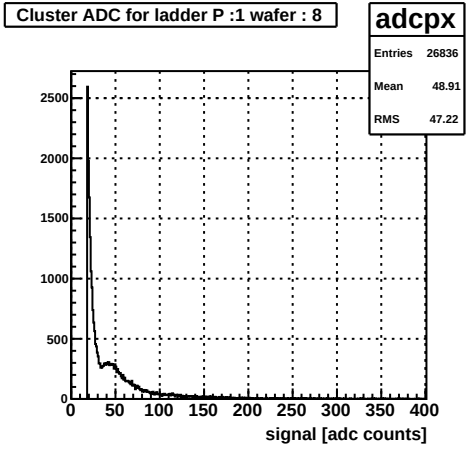

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 26333
Mean 50.84
RMS 48.03
signal [adc counts]

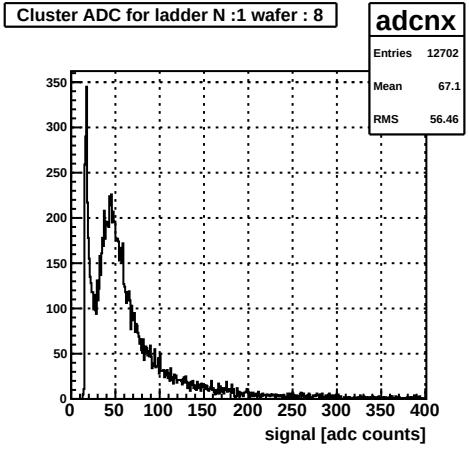

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 14804
Mean 58.05
RMS 50.88
signal [adc counts]

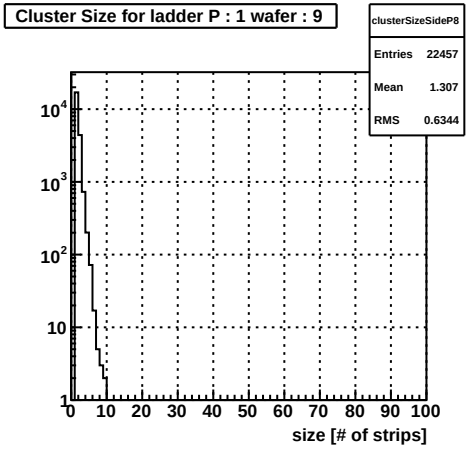

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 26836
Mean 1.228
RMS 0.54
size [# of strips]

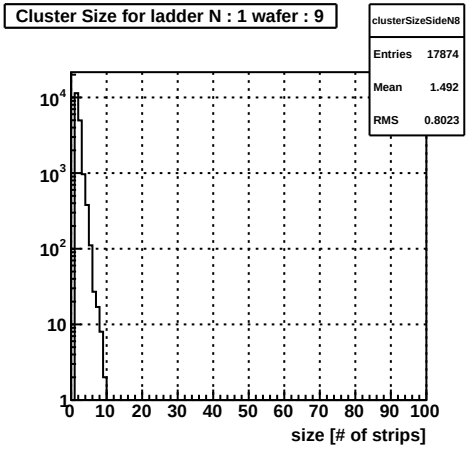

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 12702
Mean 1.544
RMS 0.8367
size [# of strips]

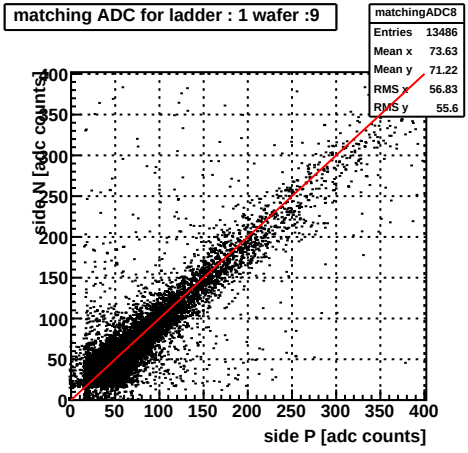

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 9322
Mean x 66.69
Mean y 71.6
RMS x 52.56
RMS y 55.93
side N [adc counts]
side P [adc counts]

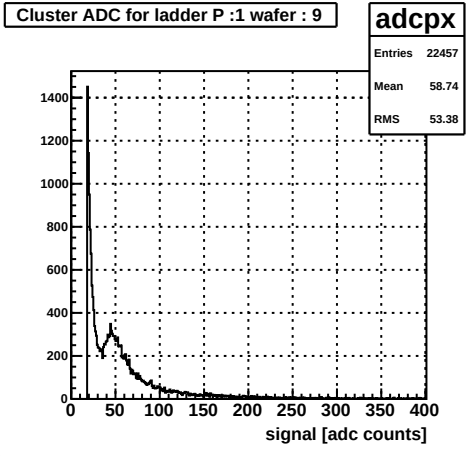

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 26836
Mean 48.91
RMS 47.22
signal [adc counts]

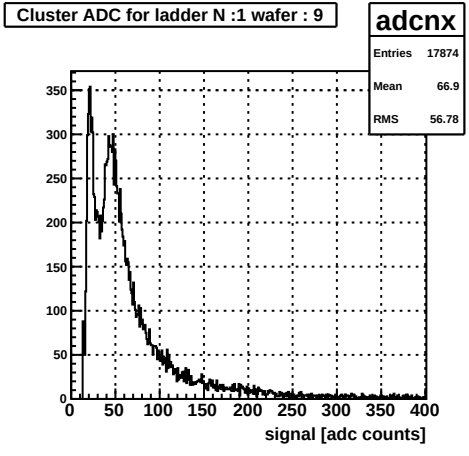

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 12702
Mean 67.1
RMS 56.46
signal [adc counts]

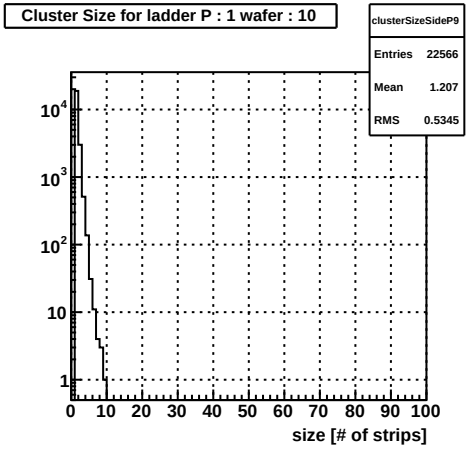

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 22457
Mean 1.307
RMS 0.6344
size [# of strips]

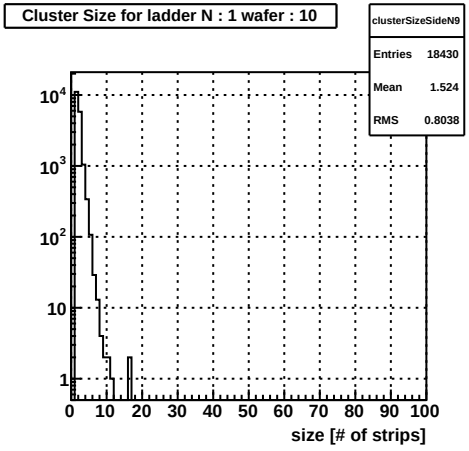

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 17874
Mean 1.492
RMS 0.8023
size [# of strips]

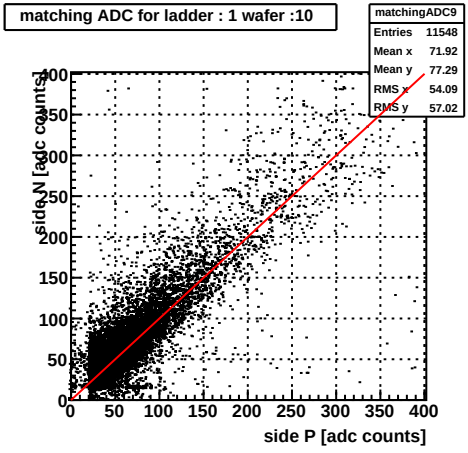

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 13486
Mean x 73.63
Mean y 71.22
RMS x 56.83
RMS y 55.6
side N [adc counts]
side P [adc counts]

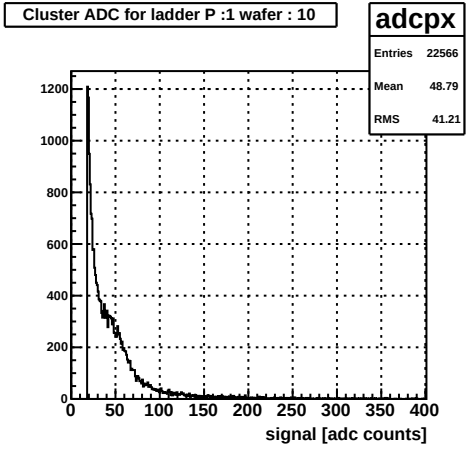

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 22457
Mean 58.74
RMS 53.38
signal [adc counts]

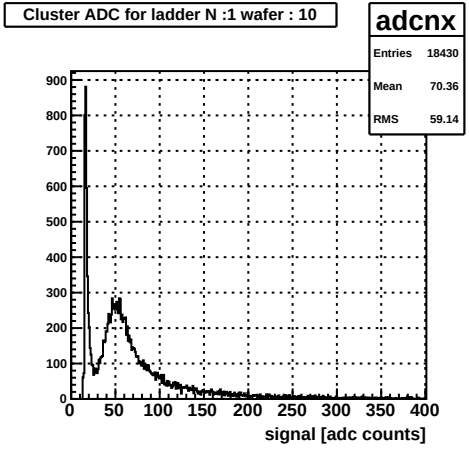

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 17874
Mean 66.9
RMS 56.78
signal [adc counts]

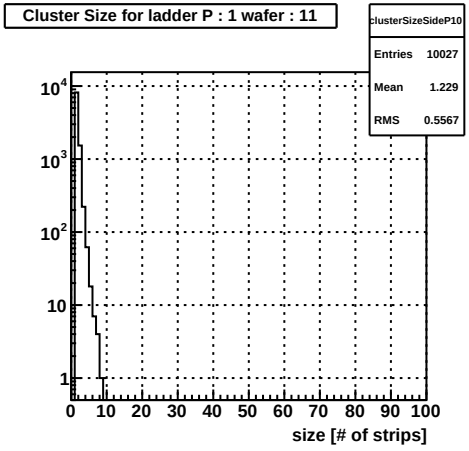

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 22566
Mean 1.207
RMS 0.5345
size [# of strips]

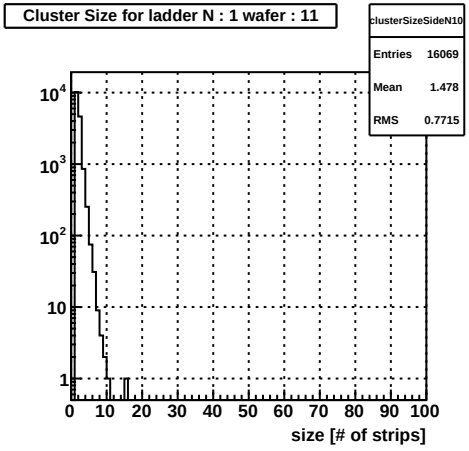

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 18430
Mean 1.524
RMS 0.8038
size [# of strips]

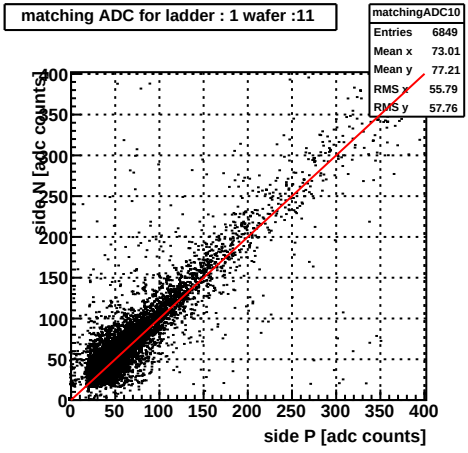

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 11548
Mean x 71.92
Mean y 77.29
RMS x 54.09
RMS y 57.02
side N [adc counts]
side P [adc counts]

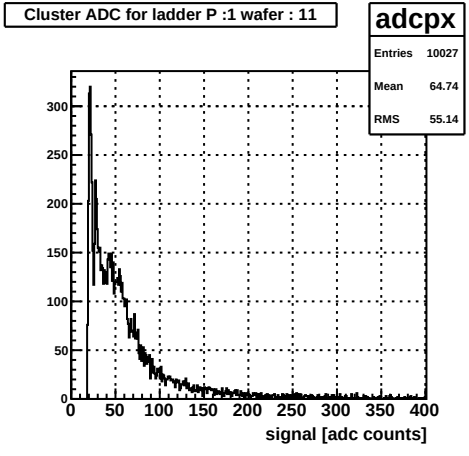

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 22566
Mean 48.79
RMS 41.21
signal [adc counts]

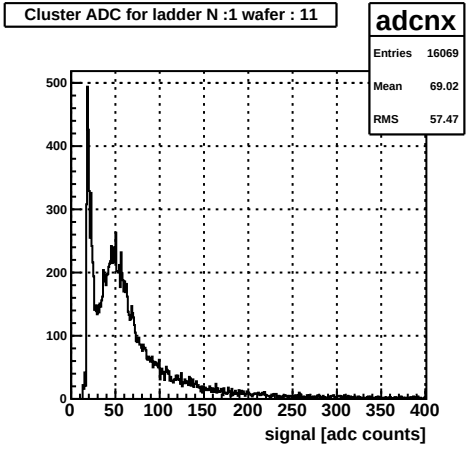

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 18430
Mean 70.36
RMS 59.14
signal [adc counts]

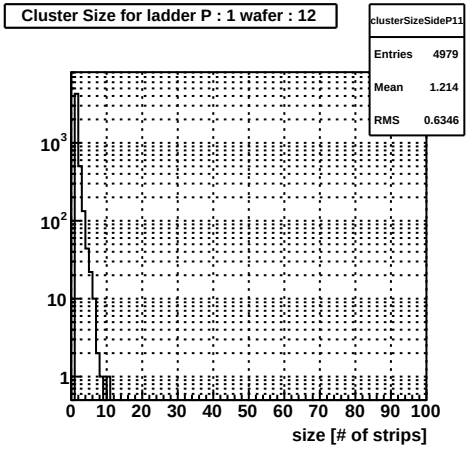

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10027
Mean 1.229
RMS 0.5567
size [# of strips]

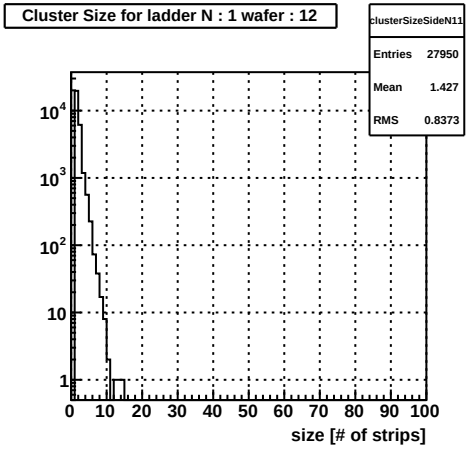

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 16069
Mean 1.478
RMS 0.7715
size [# of strips]

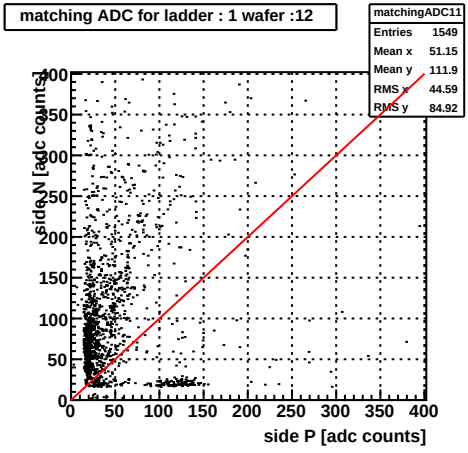

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 6849
Mean x 73.01
Mean y 77.21
RMS x 55.79
RMS y 57.76
side N [adc counts]
side P [adc counts]

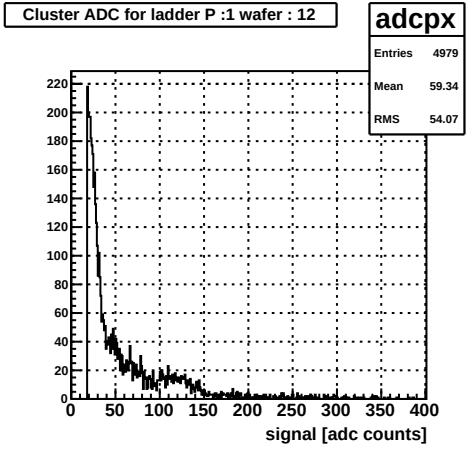

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10027
Mean 64.74
RMS 55.14
signal [adc counts]

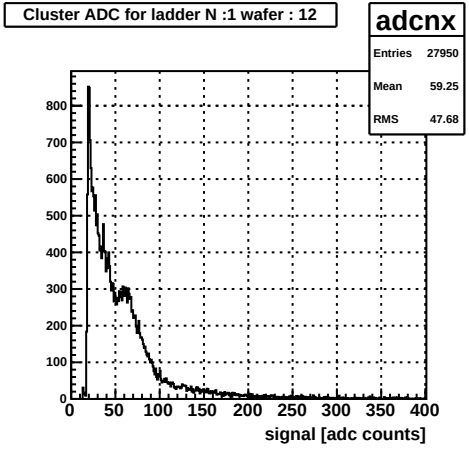

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 16069
Mean 69.02
RMS 57.47
signal [adc counts]

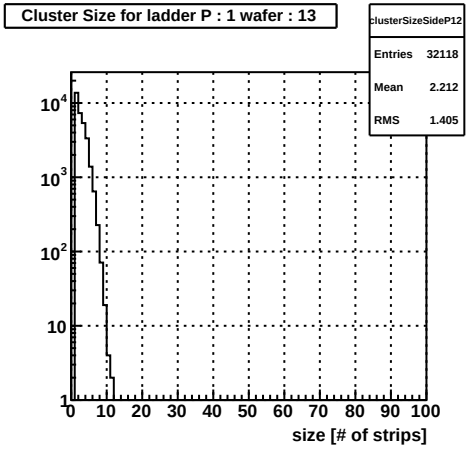

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4979
Mean 1.214
RMS 0.6346
size [# of strips]

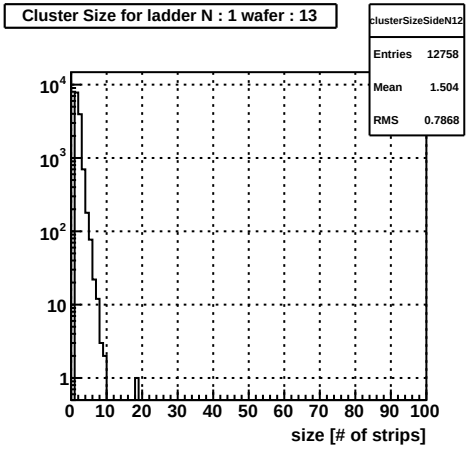

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 27950
Mean 1.427
RMS 0.8373
size [# of strips]

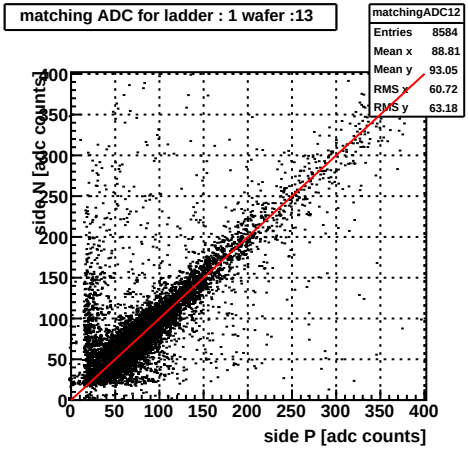

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1549
Mean x 51.15
Mean y 111.9
RMS x 44.59
RMS y 84.92
side N [adc counts]
side P [adc counts]

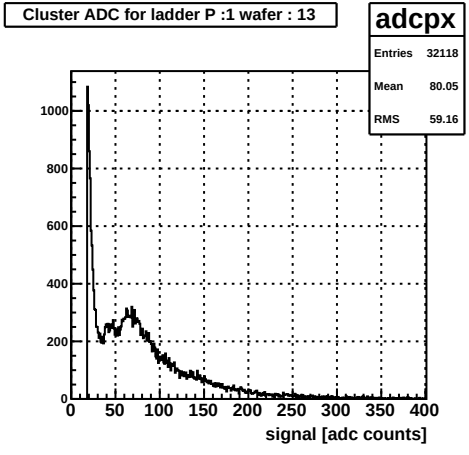

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4979
Mean 59.34
RMS 54.07
signal [adc counts]

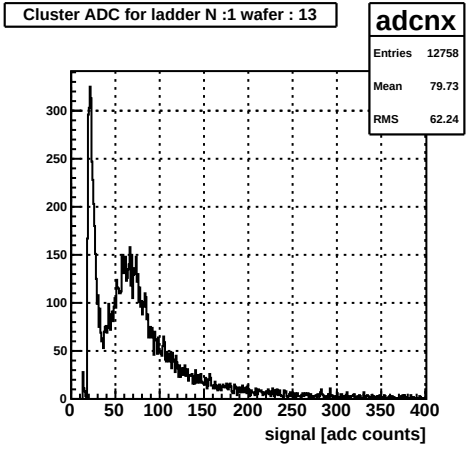

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 27950
Mean 59.25
RMS 47.68
signal [adc counts]

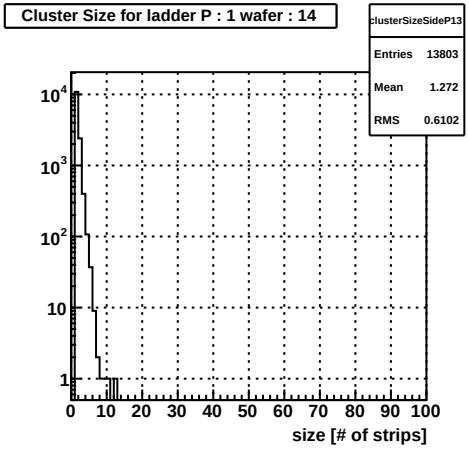

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 32118
Mean 2.212
RMS 1.405
size [# of strips]

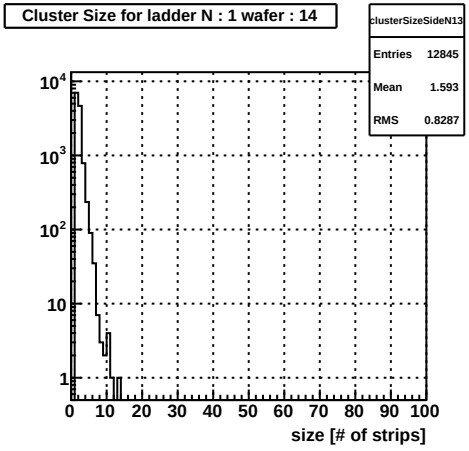

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12758
Mean 1.504
RMS 0.7868
size [# of strips]

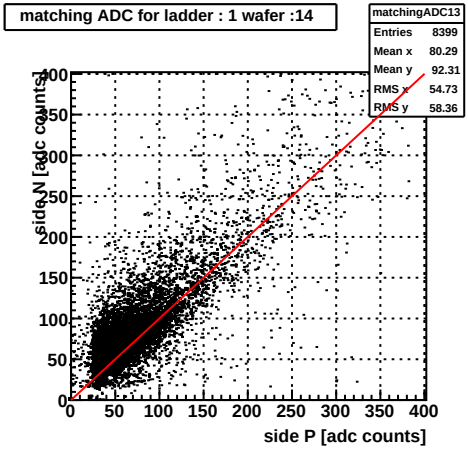

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8584
Mean x 88.81
Mean y 93.05
RMS x 60.72
RMS y 63.18
side N [adc counts]
side P [adc counts]

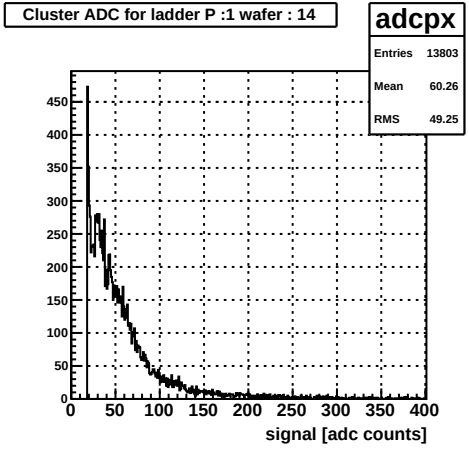

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 32118
Mean 80.05
RMS 59.16
signal [adc counts]

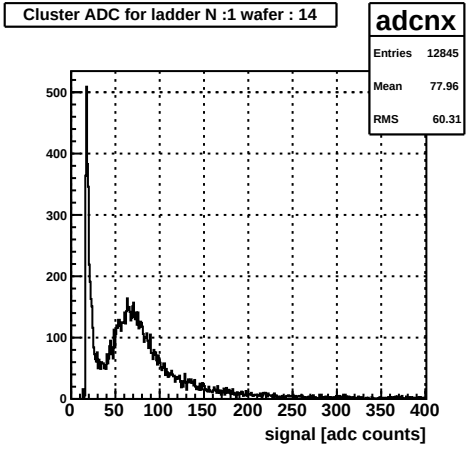

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12758
Mean 79.73
RMS 62.24
signal [adc counts]

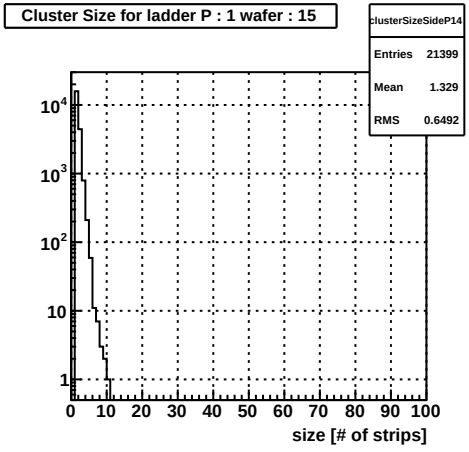

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 13803
Mean 1.272
RMS 0.6102
size [# of strips]

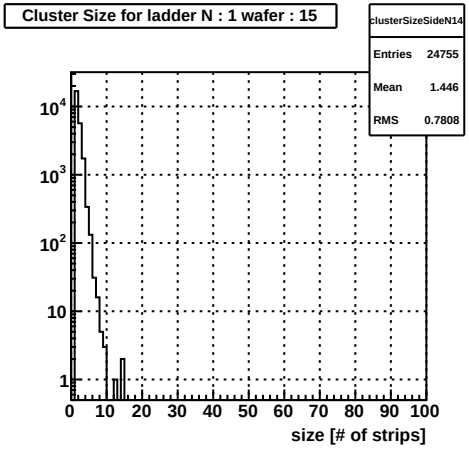

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 12845
Mean 1.593
RMS 0.8287
size [# of strips]

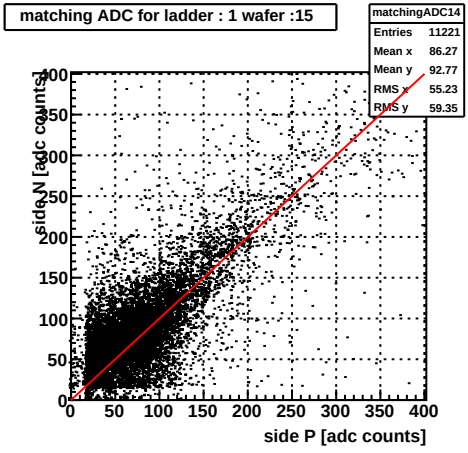

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8399
Mean x 80.29
Mean y 92.31
RMS x 54.73
RMS y 58.36
side N [adc counts]
side P [adc counts]

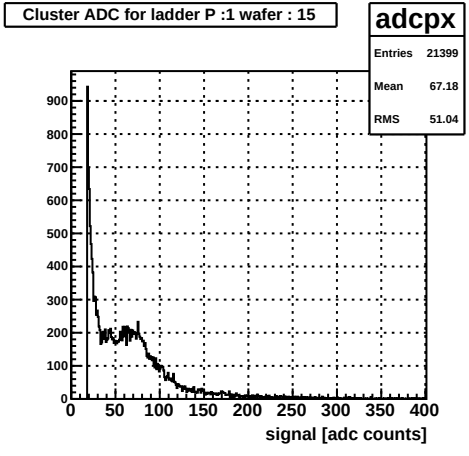

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 13803
Mean 60.26
RMS 49.25
signal [adc counts]

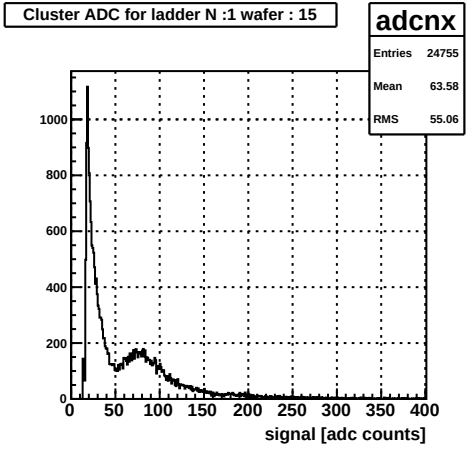

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 12845
Mean 77.96
RMS 60.31
signal [adc counts]

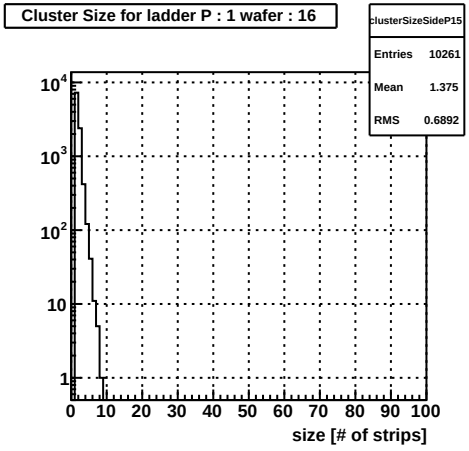

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 21399
Mean 1.329
RMS 0.6492
size [# of strips]

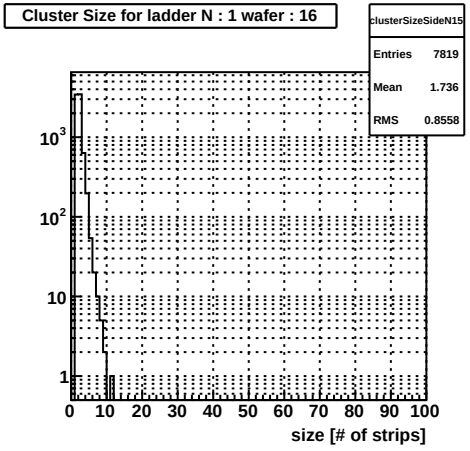

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 24755
Mean 1.446
RMS 0.7808
size [# of strips]

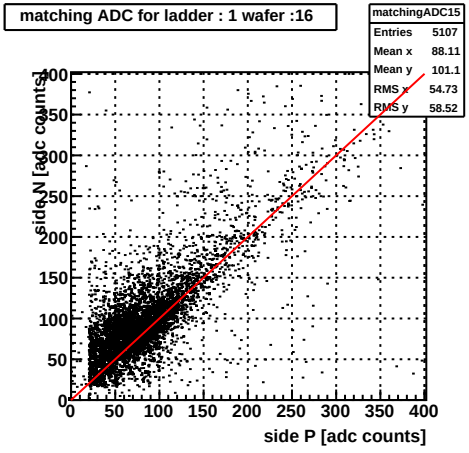

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 11221
Mean x 86.27
Mean y 92.77
RMS x 55.23
RMS y 59.35
side N [adc counts]
side P [adc counts]

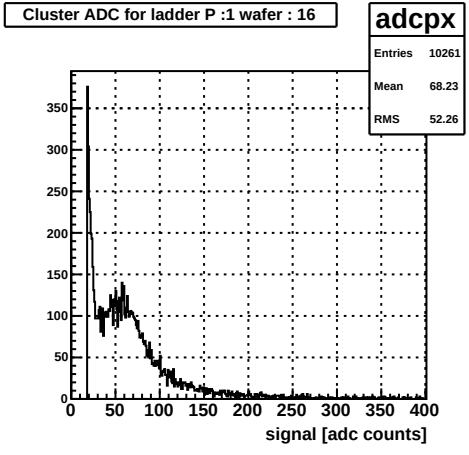

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 21399
Mean 67.18
RMS 51.04
signal [adc counts]

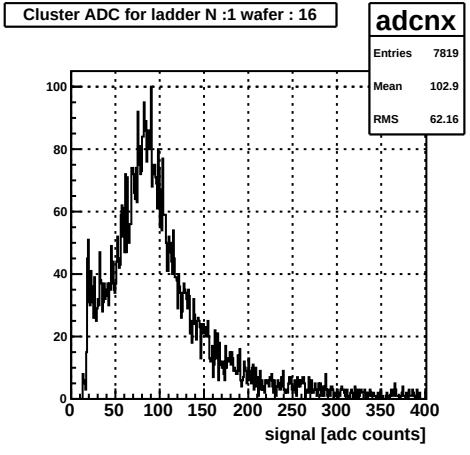

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 24755
Mean 63.58
RMS 55.06
signal [adc counts]

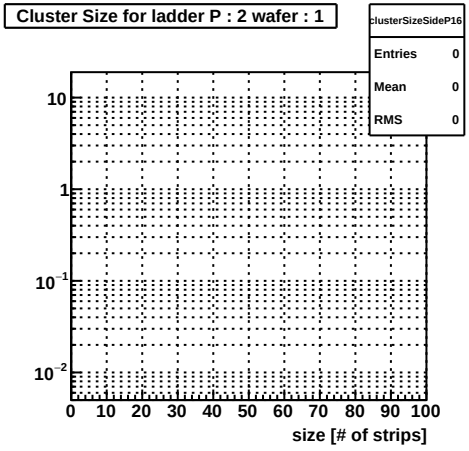

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 10261
Mean 1.375
RMS 0.6892
size [# of strips]

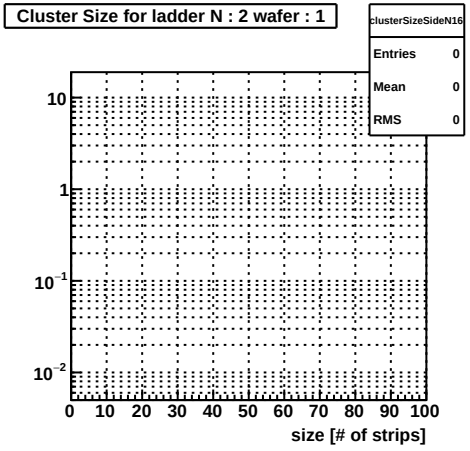

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7819
Mean 1.736
RMS 0.8558
size [# of strips]

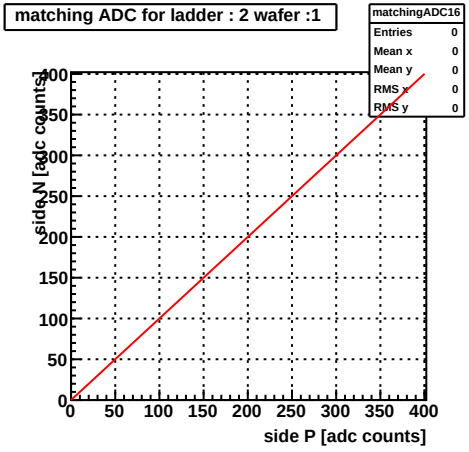

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5107
Mean x 88.11
Mean y 101.1
RMS x 54.73
RMS y 58.52
side N [adc counts]
side P [adc counts]

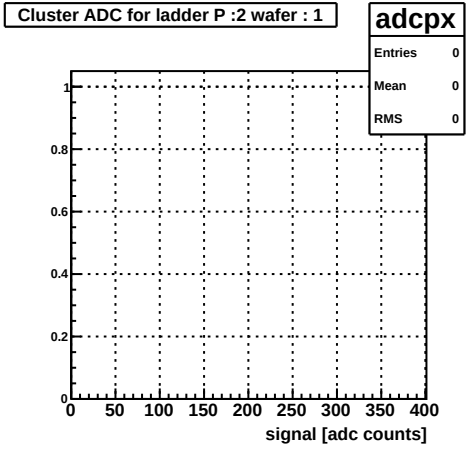

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 10261
Mean 68.23
RMS 52.26
signal [adc counts]

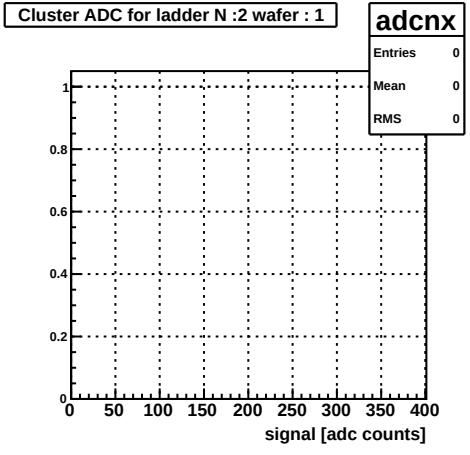

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7819
Mean 102.9
RMS 62.16
signal [adc counts]

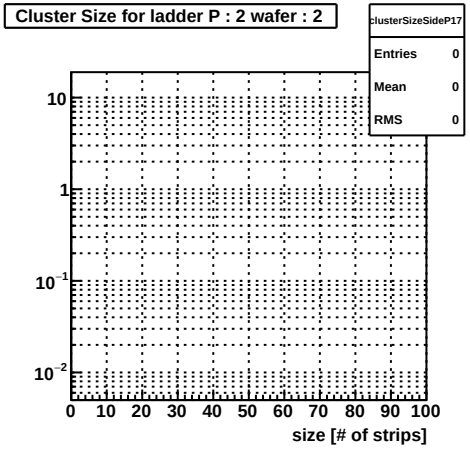

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

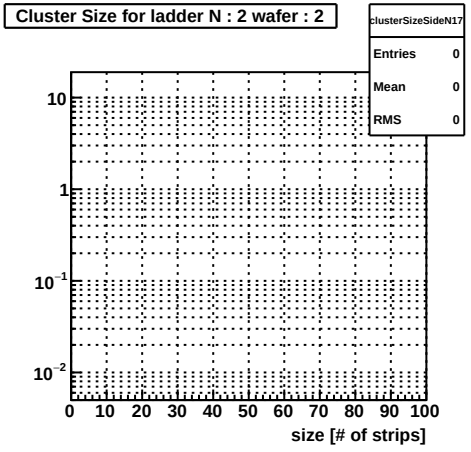

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

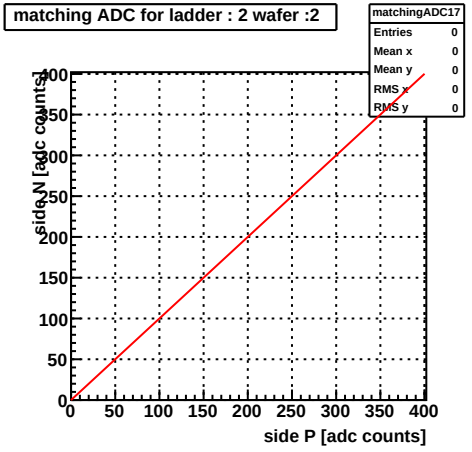

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

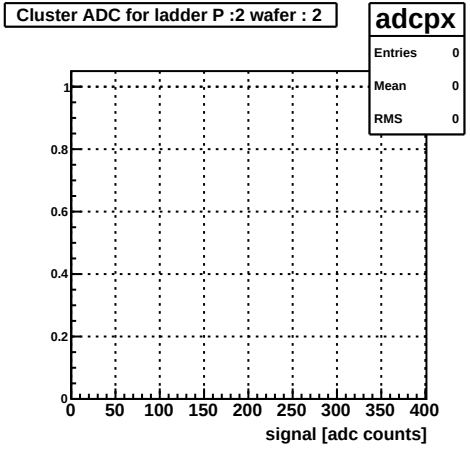

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

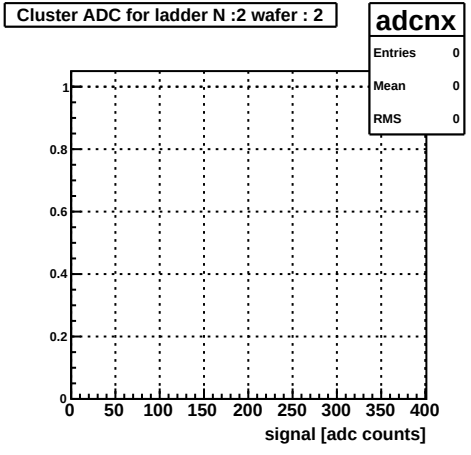

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

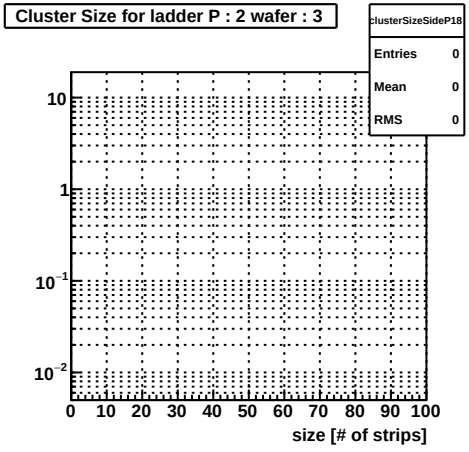

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

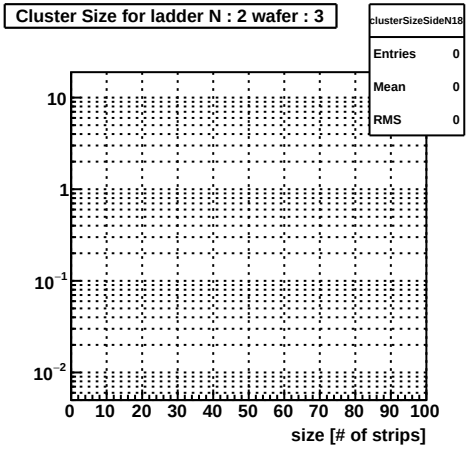

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

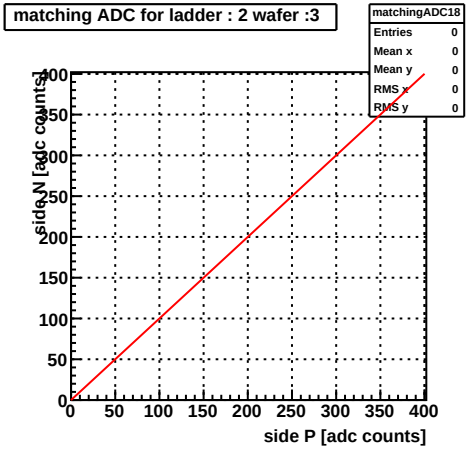

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

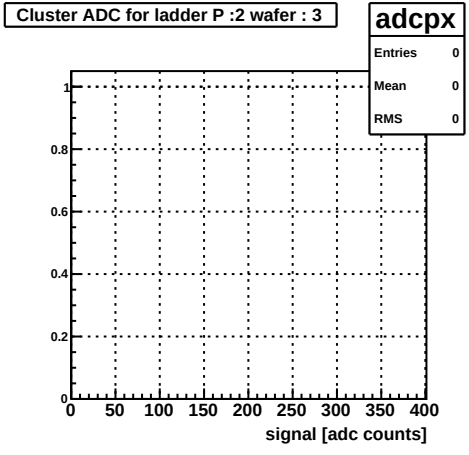

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

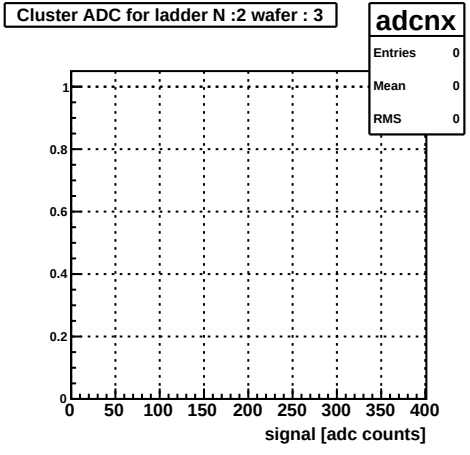

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

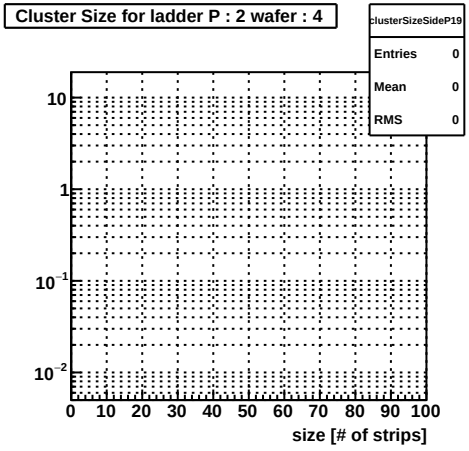

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

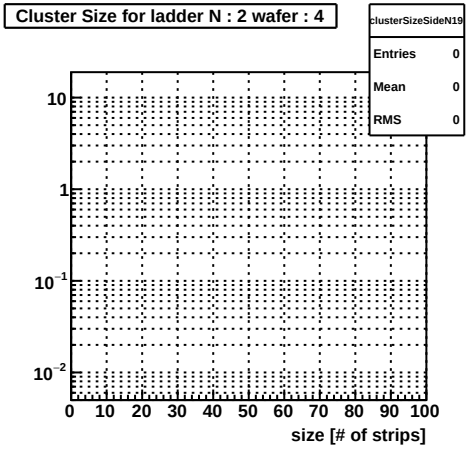

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

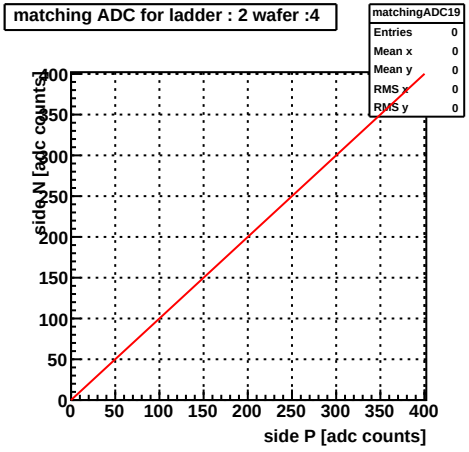

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

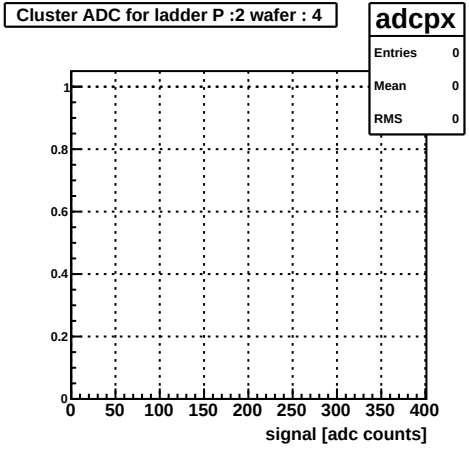

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

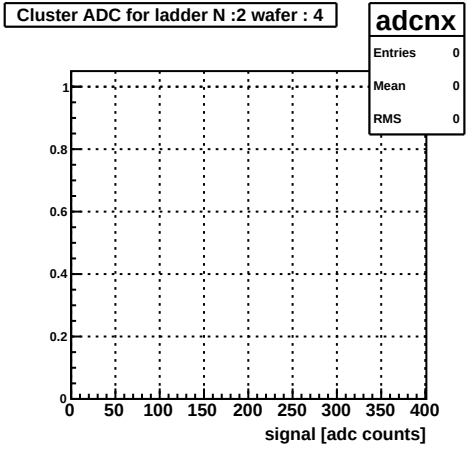

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

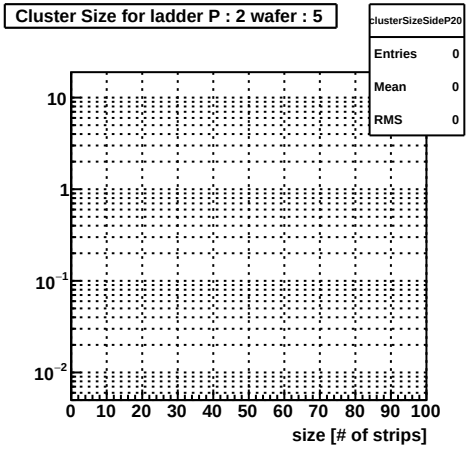

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

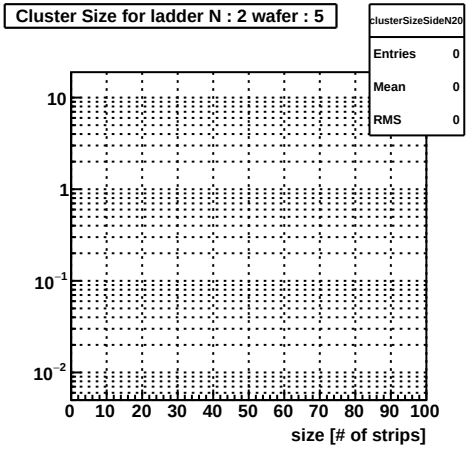

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

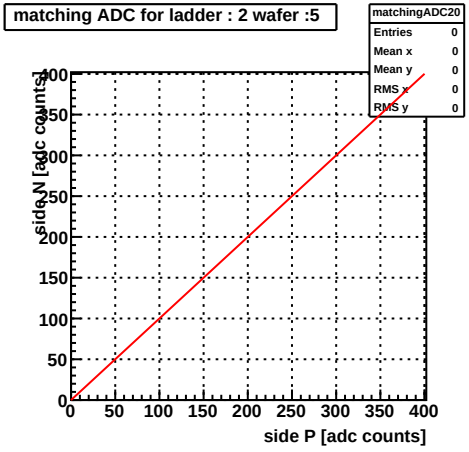

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

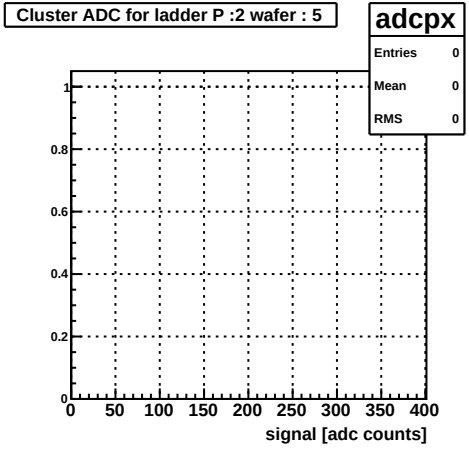

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

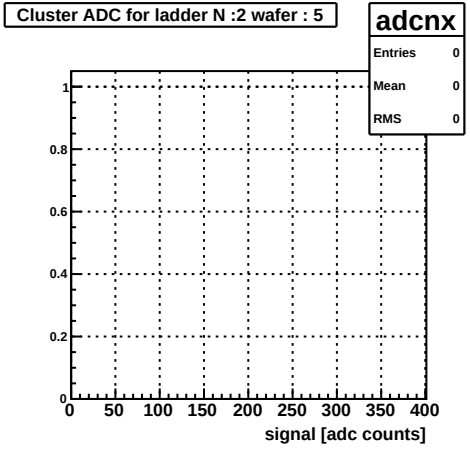

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

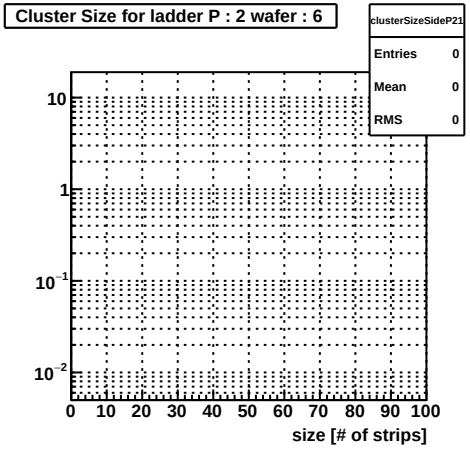

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

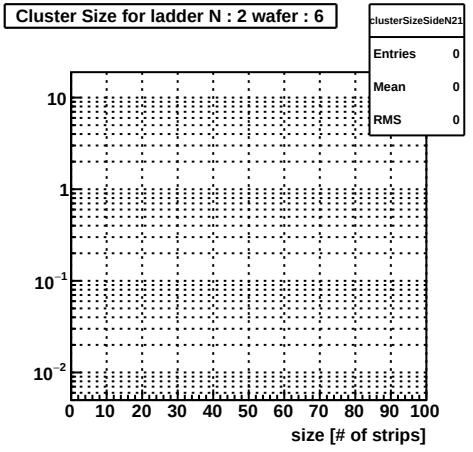

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

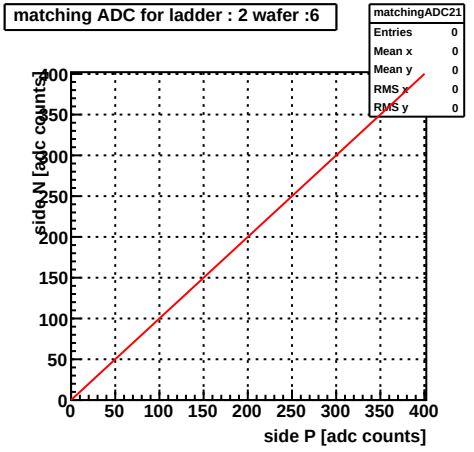

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

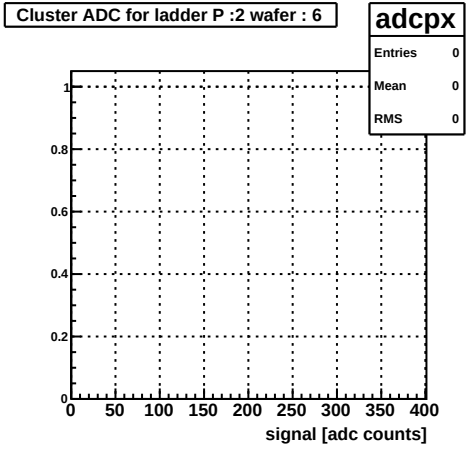

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

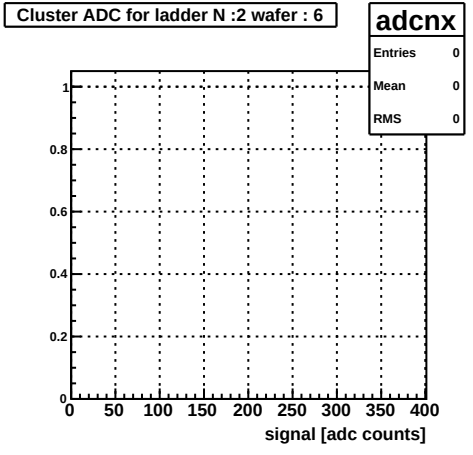

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

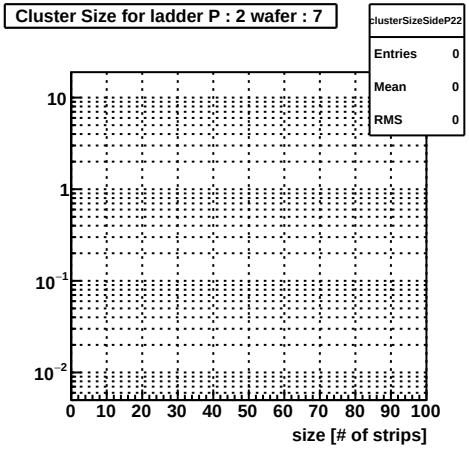

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

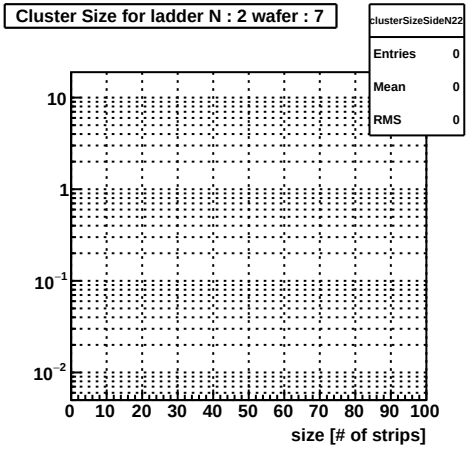

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

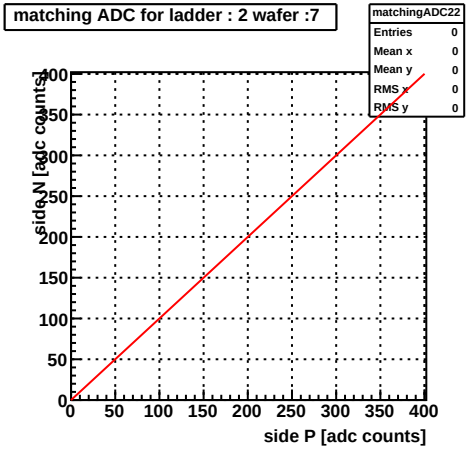

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

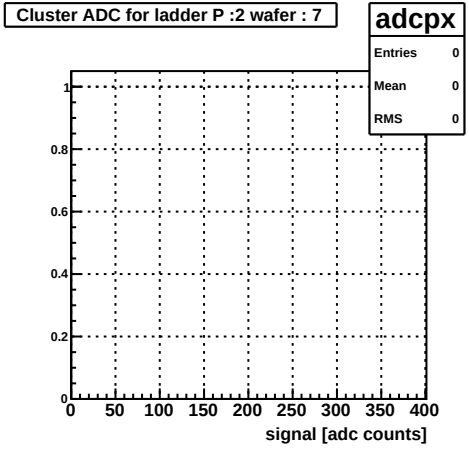

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

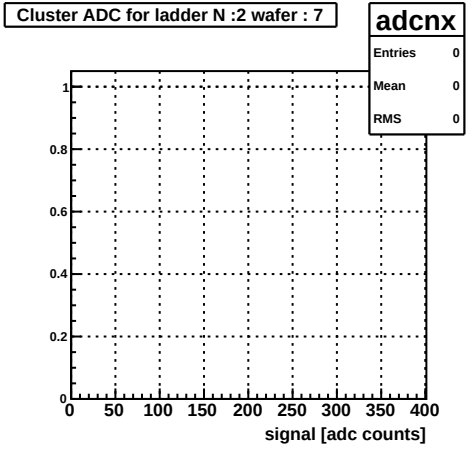

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

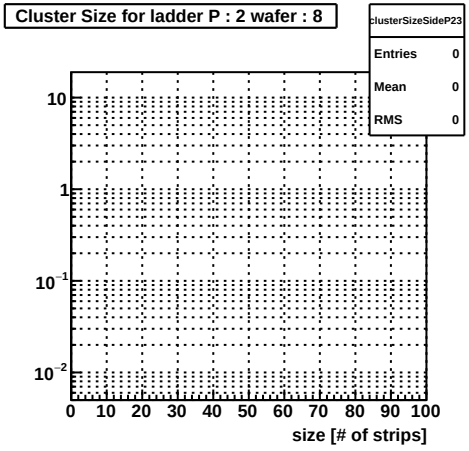

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

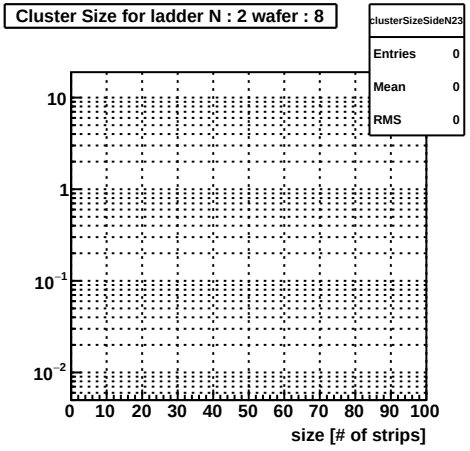

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

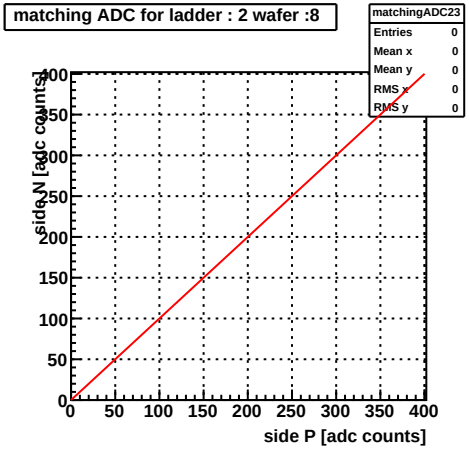

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

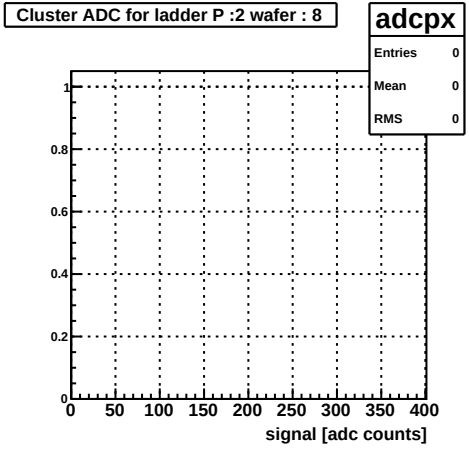

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

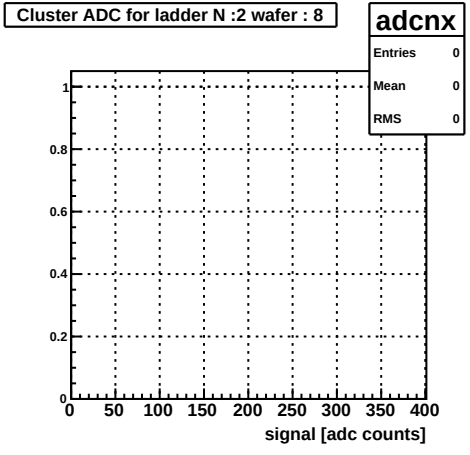

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

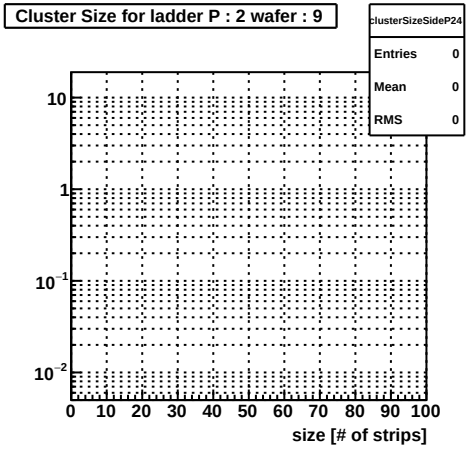

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

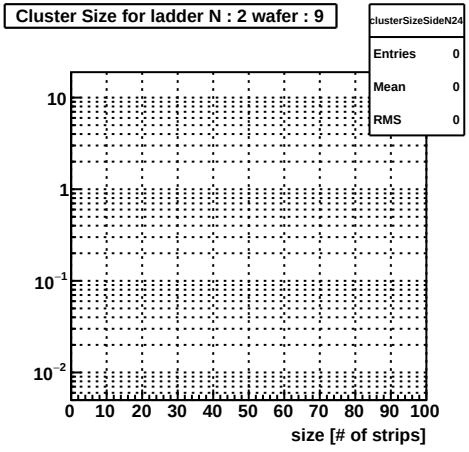

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

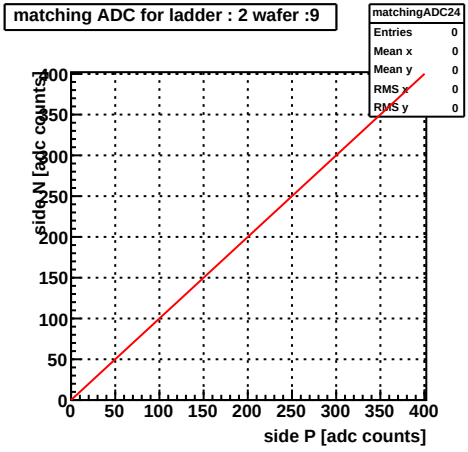

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

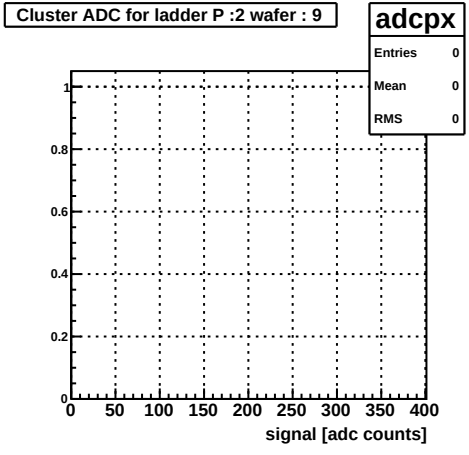

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

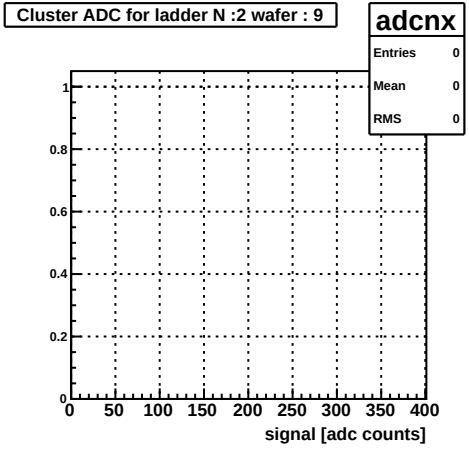

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

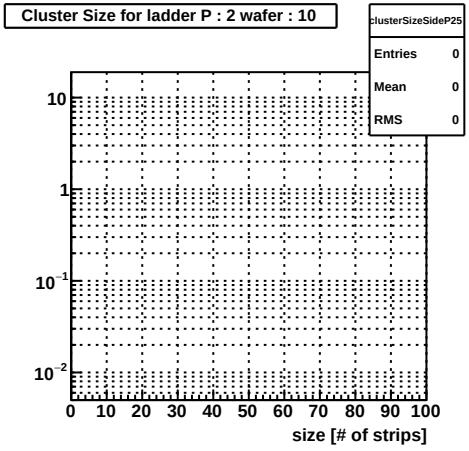

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

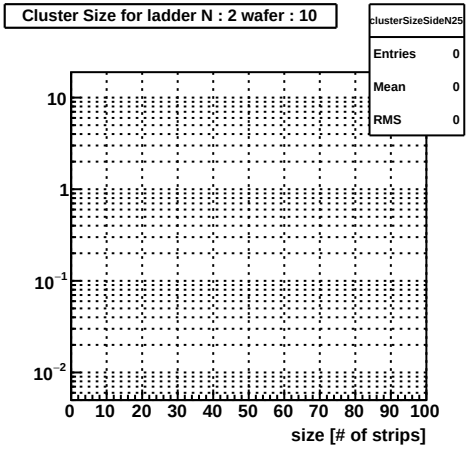

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

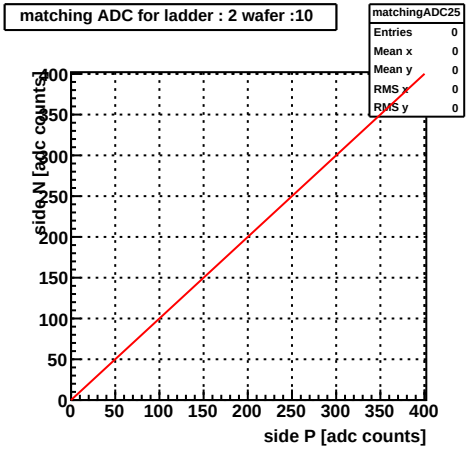

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

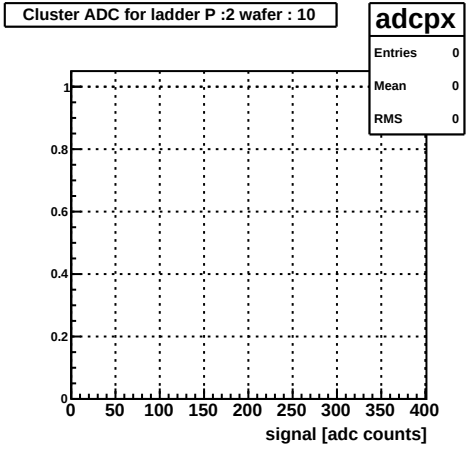

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

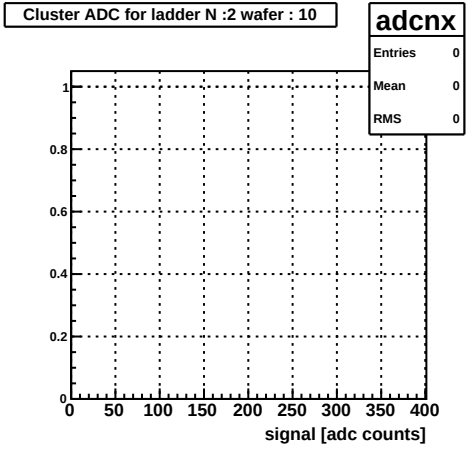

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

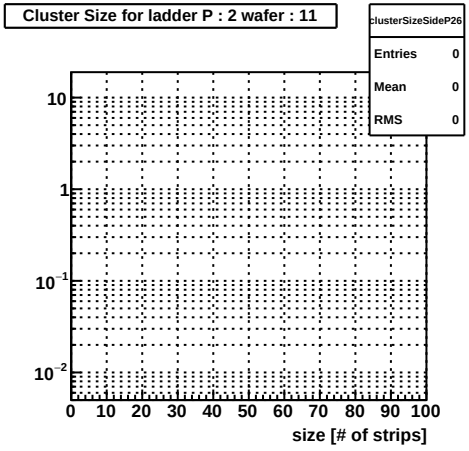

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

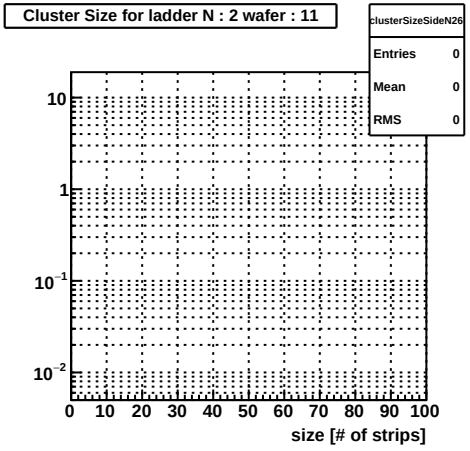

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

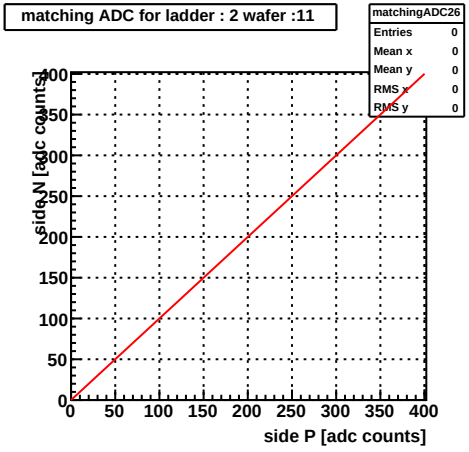

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

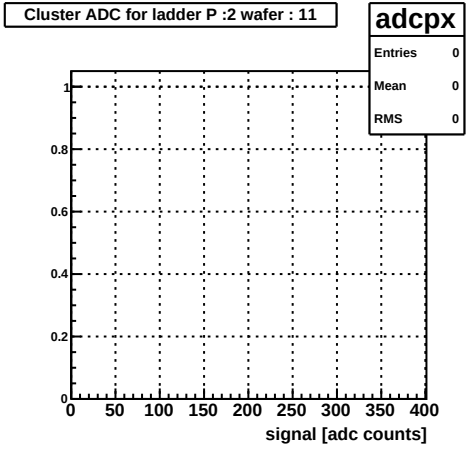

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

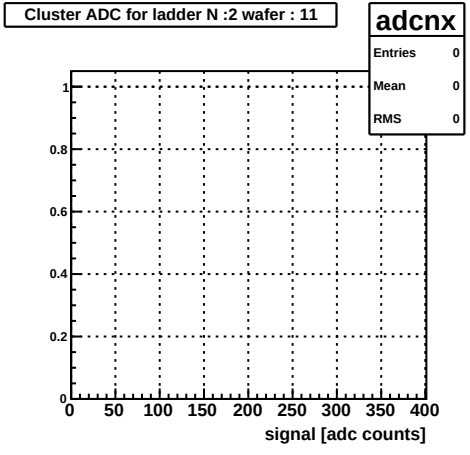

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

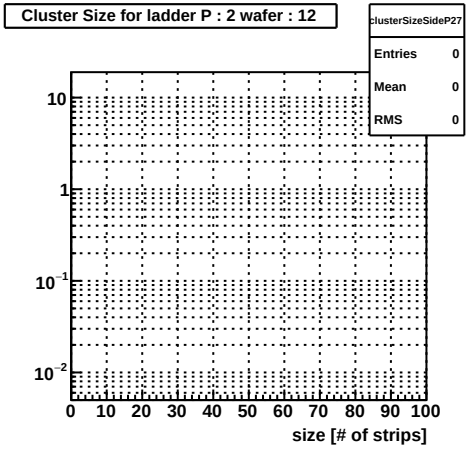

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

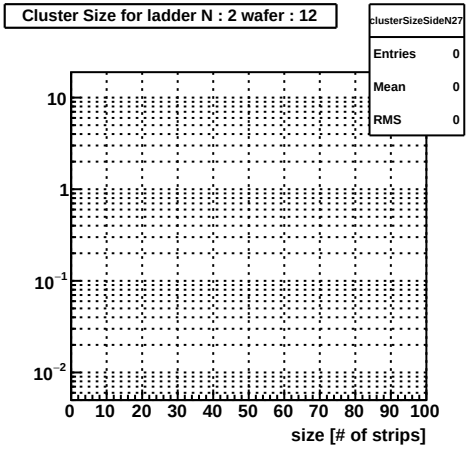

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

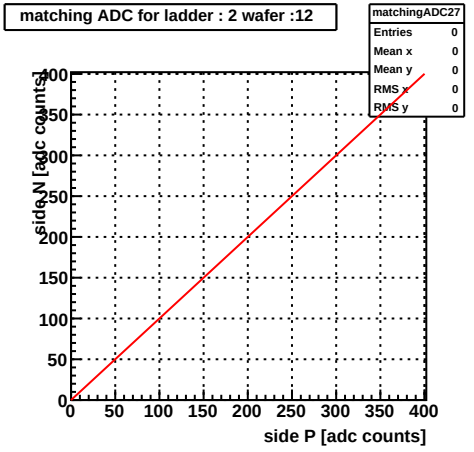

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

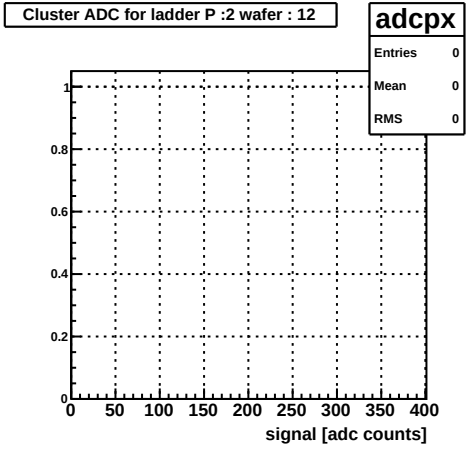

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

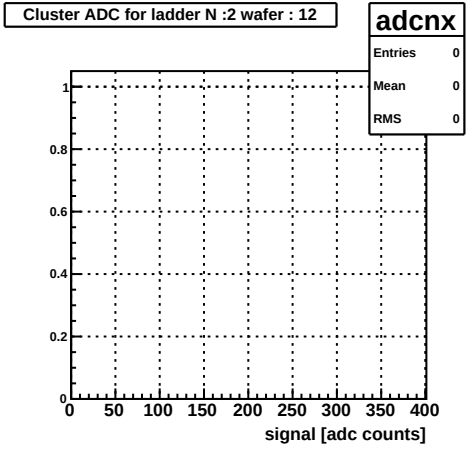

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

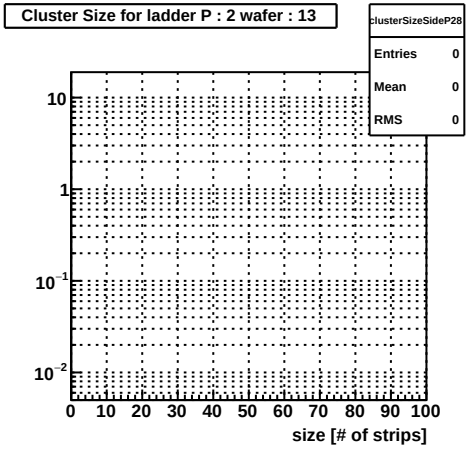

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

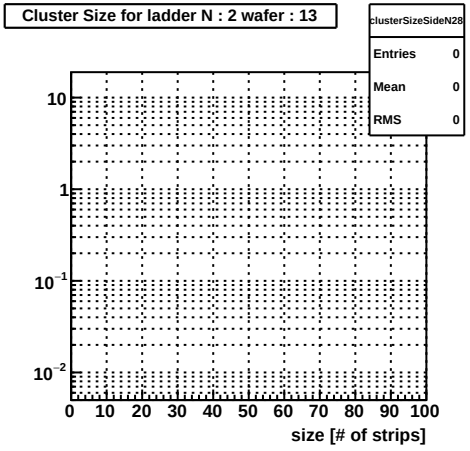

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

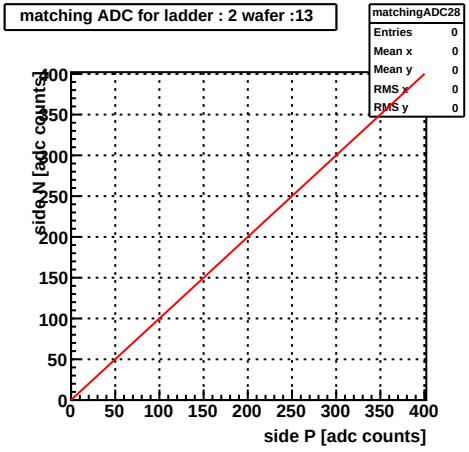

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

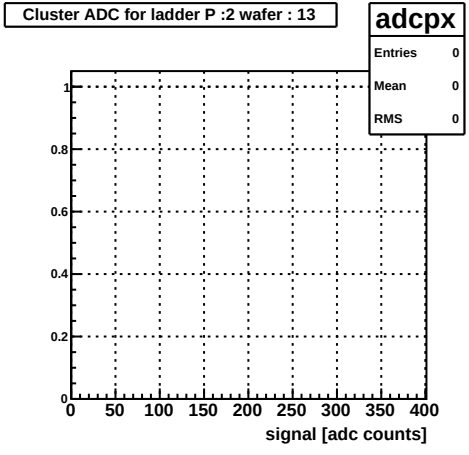

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

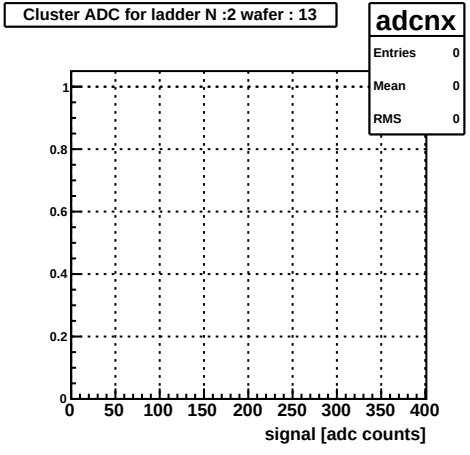

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

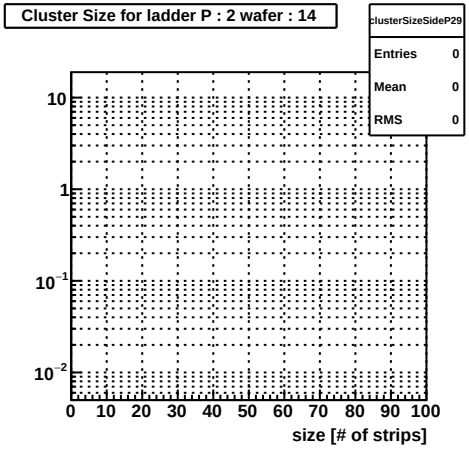

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

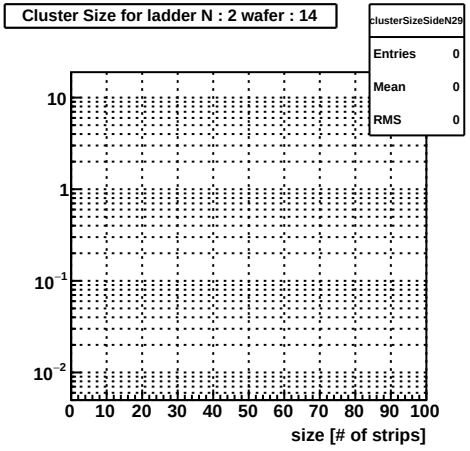

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

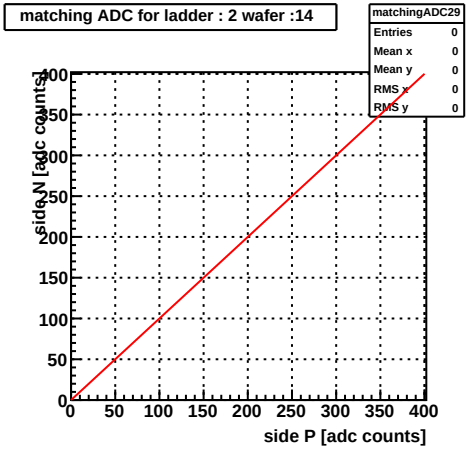

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

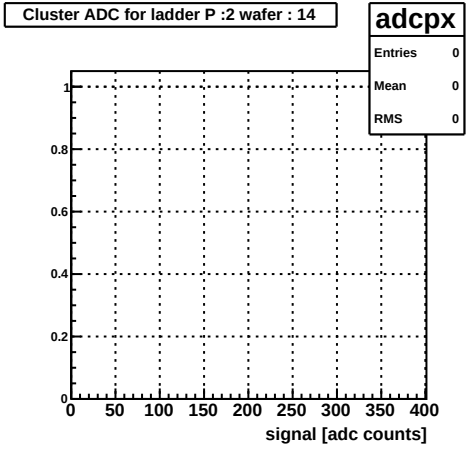

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

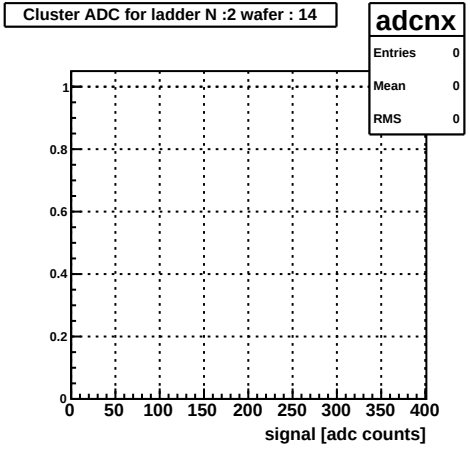

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

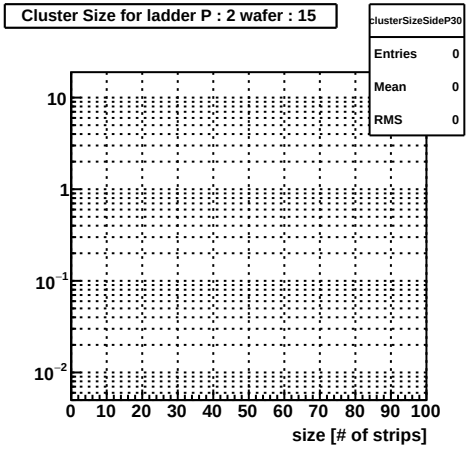

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

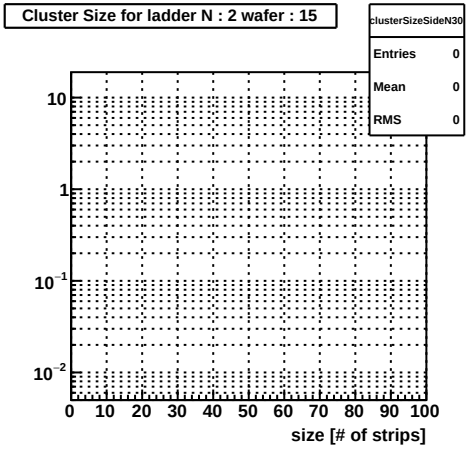

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

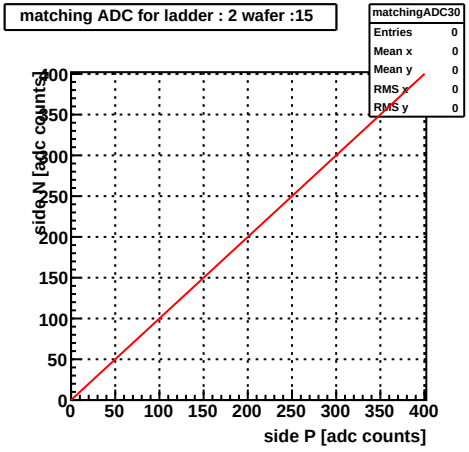

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

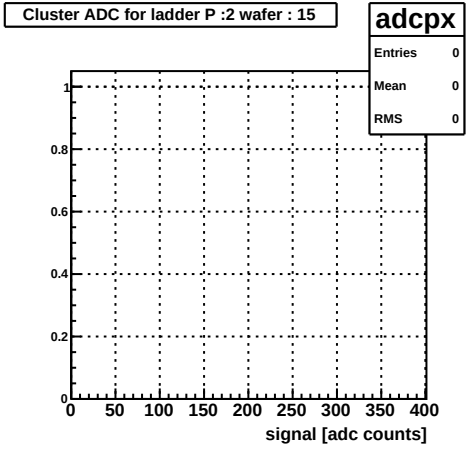

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

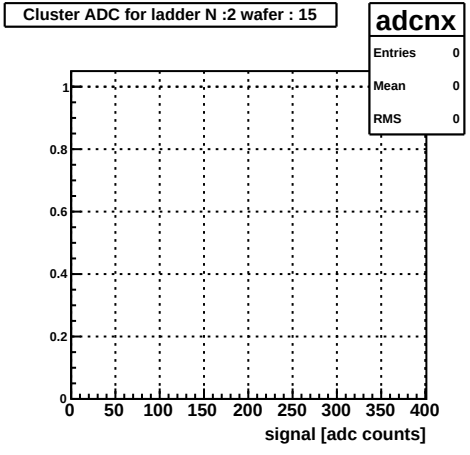

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

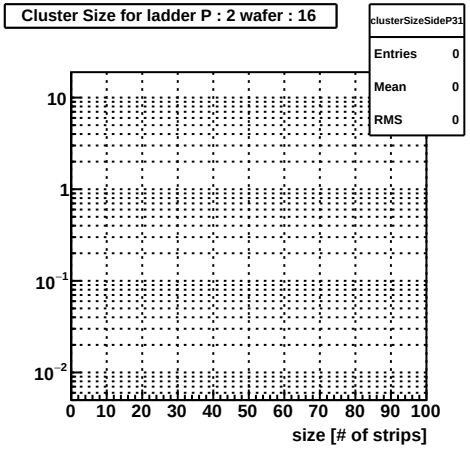

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

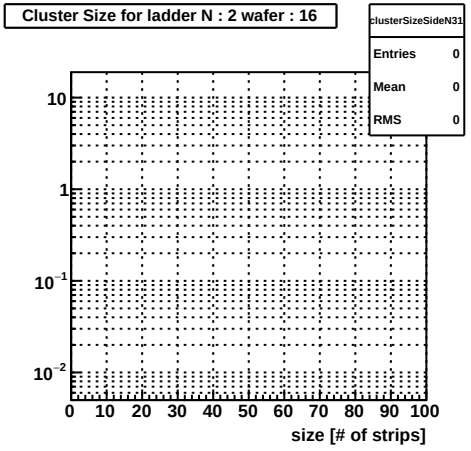

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

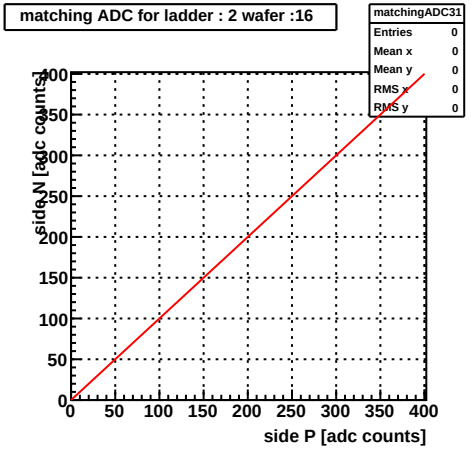

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

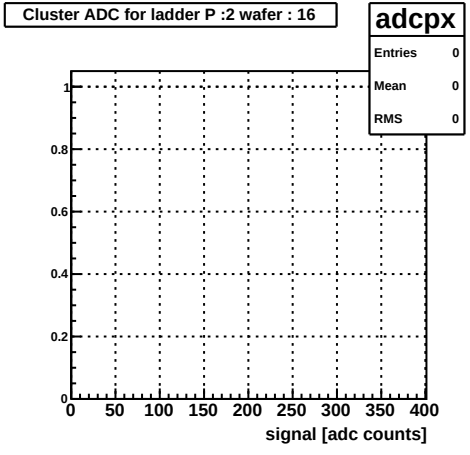

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

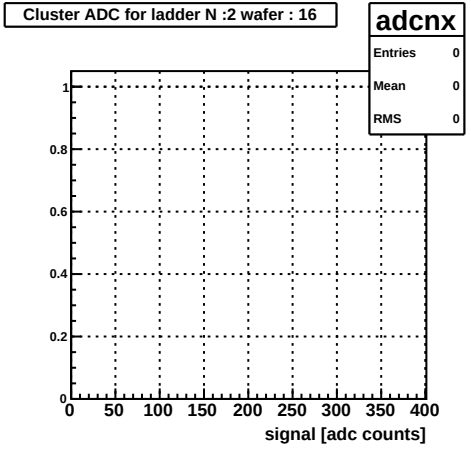

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

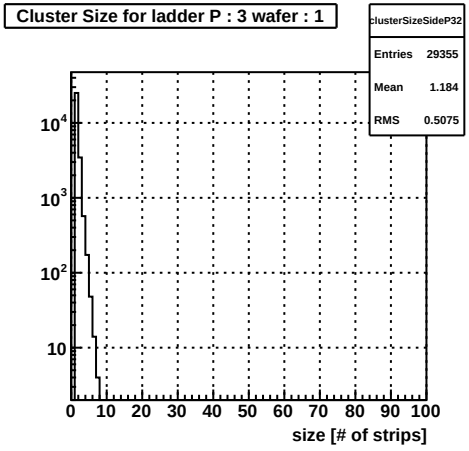

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

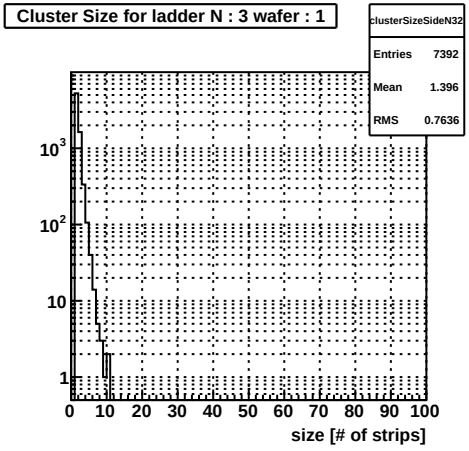

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

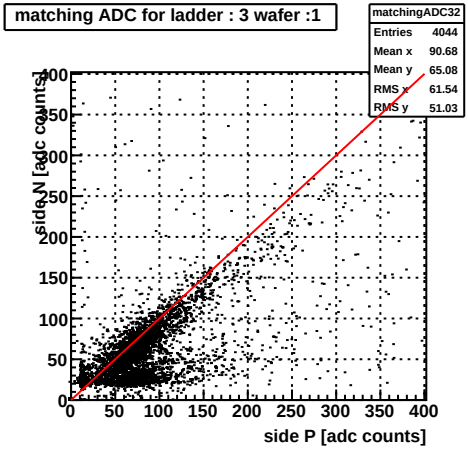

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

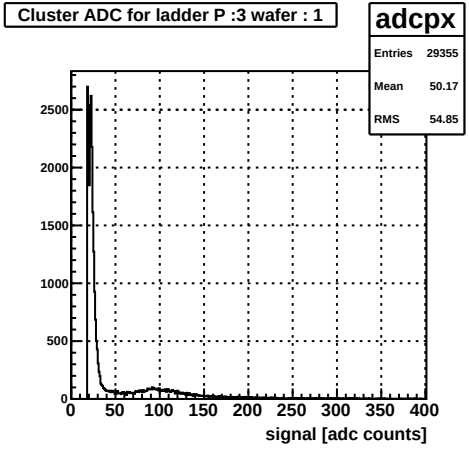

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

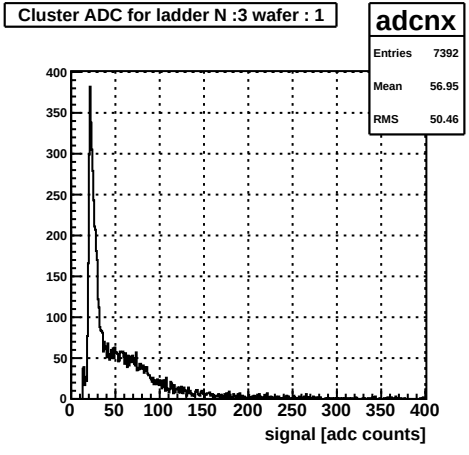

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

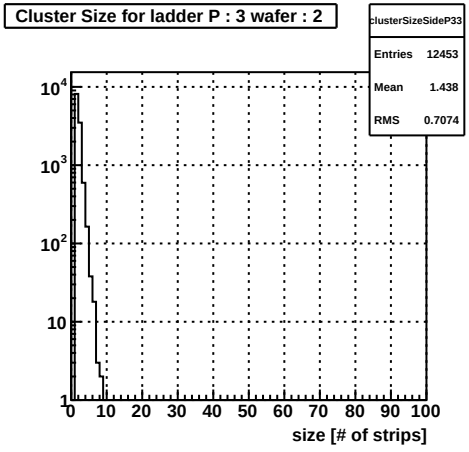

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 29355
Mean 1.184
RMS 0.5075
size [# of strips]

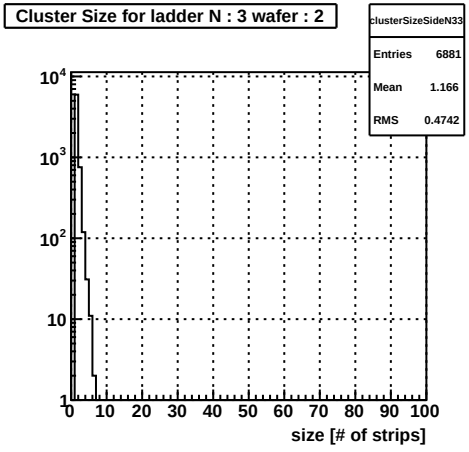

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7392
Mean 1.396
RMS 0.7636
size [# of strips]

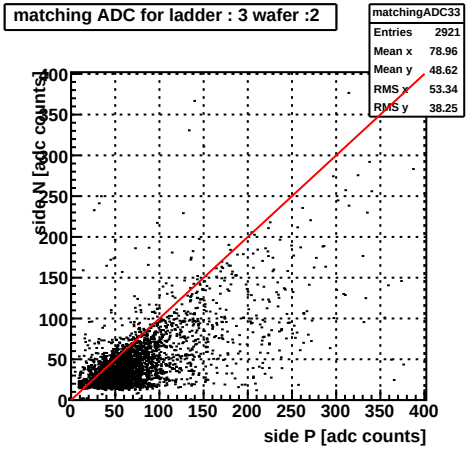

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 4044
Mean x 90.68
Mean y 65.08
RMS x 61.54
RMS y 51.03
side N [adc counts]
side P [adc counts]

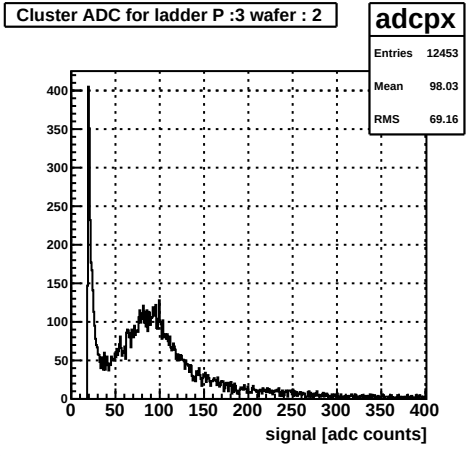

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 29355
Mean 50.17
RMS 54.85
signal [adc counts]

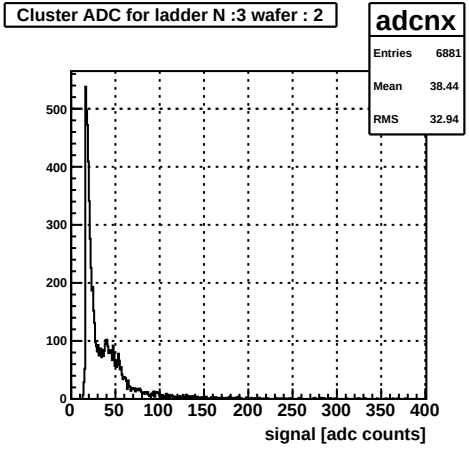

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7392
Mean 56.95
RMS 50.46
signal [adc counts]

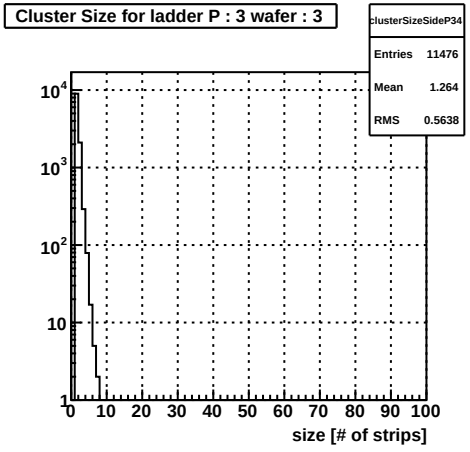

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12453
Mean 1.438
RMS 0.7074
size [# of strips]

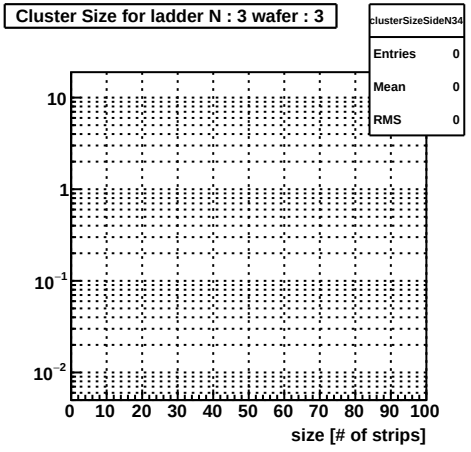

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 6881
Mean 1.166
RMS 0.4742
size [# of strips]

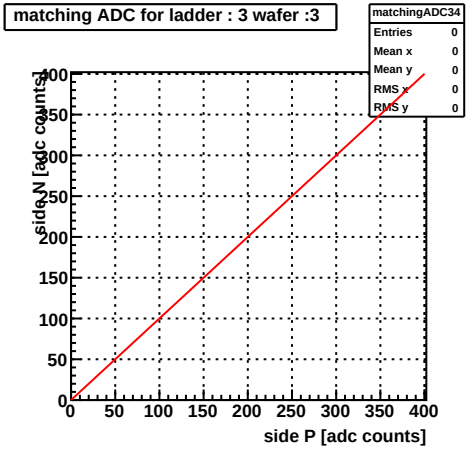

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2921
Mean x 78.96
Mean y 48.62
RMS x 53.34
RMS y 38.25
side N [adc counts]
side P [adc counts]

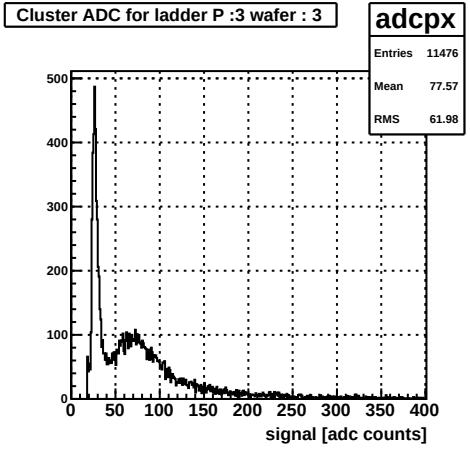

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12453
Mean 98.03
RMS 69.16
signal [adc counts]

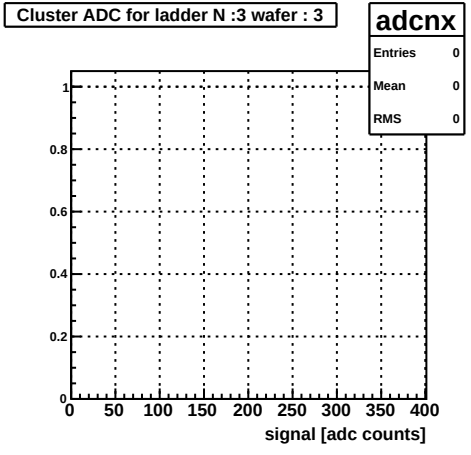

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 6881
Mean 38.44
RMS 32.94
signal [adc counts]

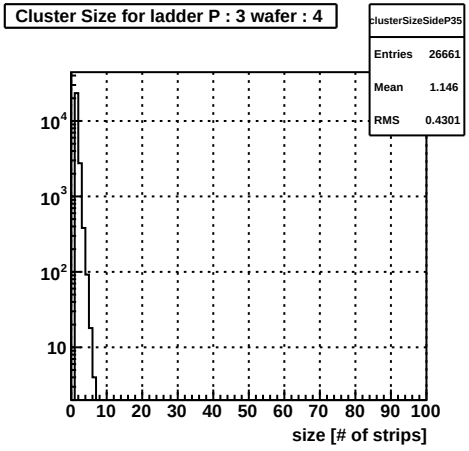

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 11476
Mean 1.264
RMS 0.5638
size [# of strips]

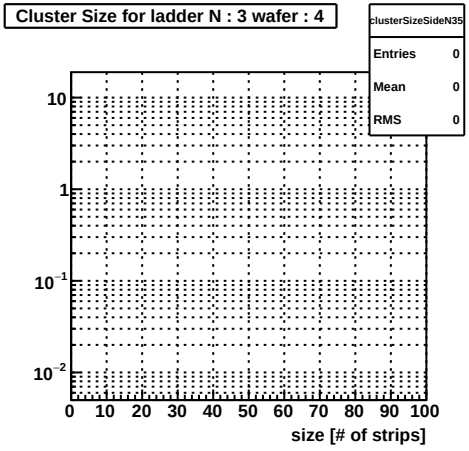

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

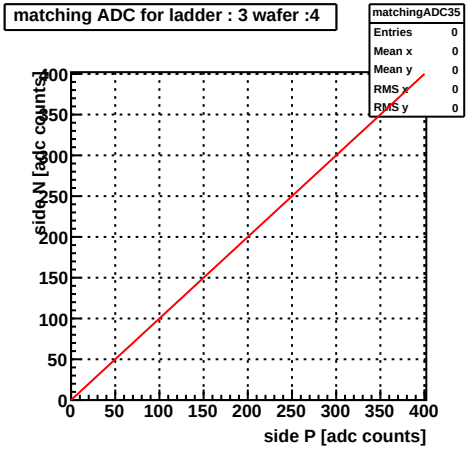

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

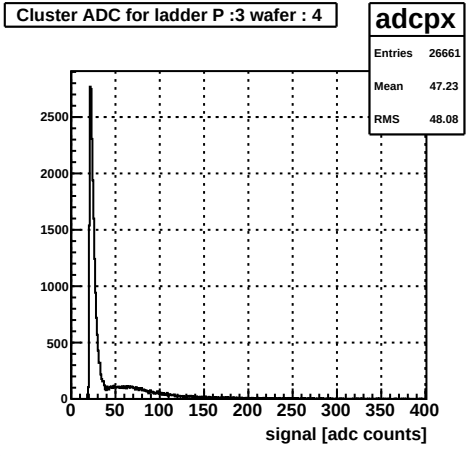

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 11476
Mean 77.57
RMS 61.98
signal [adc counts]

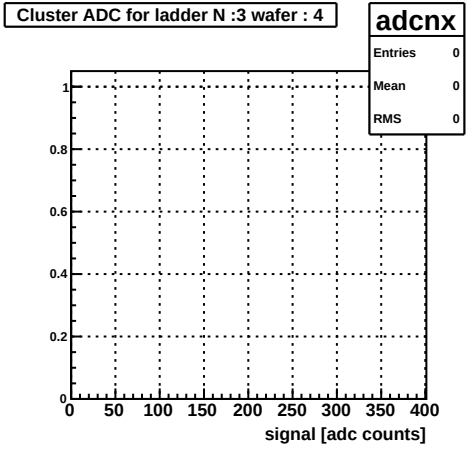

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

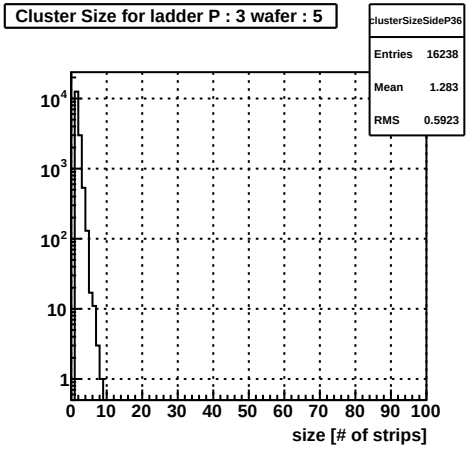

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26661
Mean 1.146
RMS 0.4301
size [# of strips]

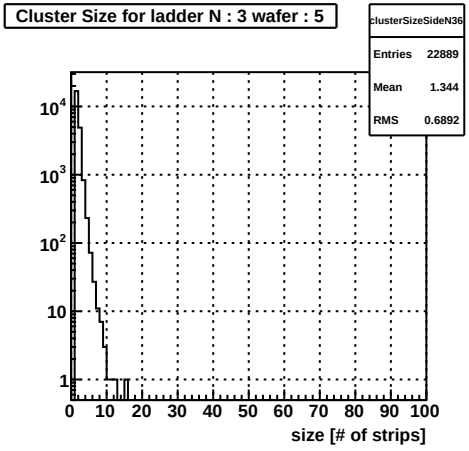

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

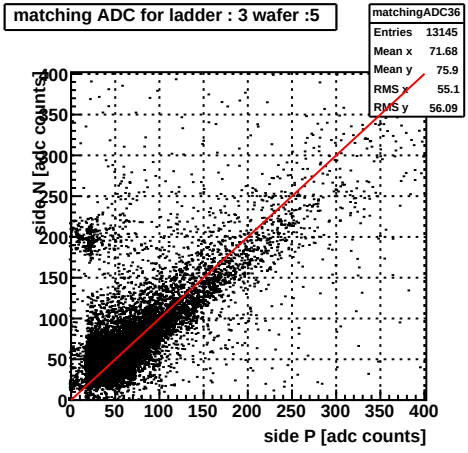

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

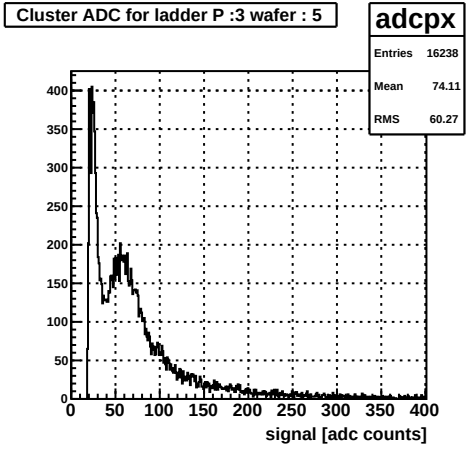

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26661
Mean 47.23
RMS 48.08
signal [adc counts]

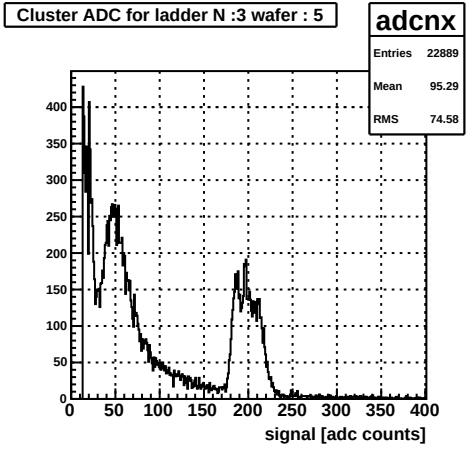

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

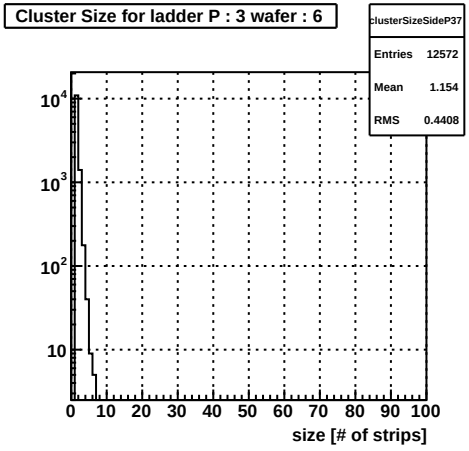

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 16238
Mean 1.283
RMS 0.5923
size [# of strips]

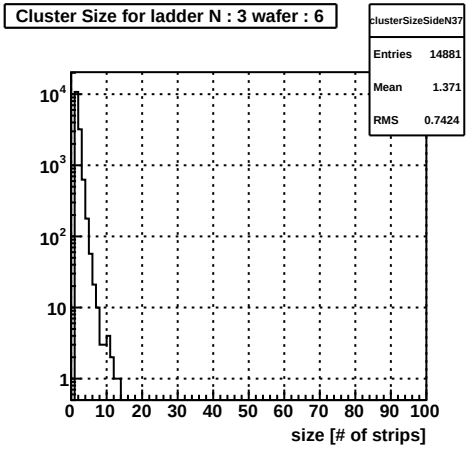

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 22889
Mean 1.344
RMS 0.6892
size [# of strips]

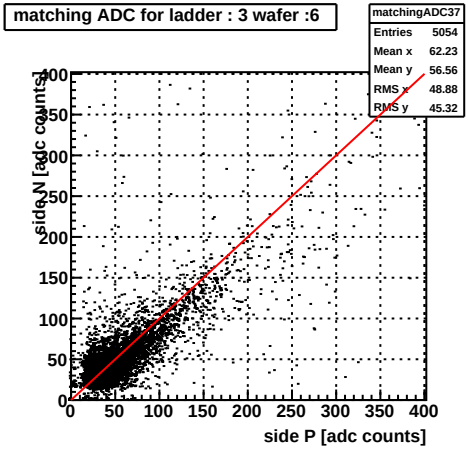

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13145
Mean x 71.68
Mean y 75.9
RMS x 55.1
RMS y 56.09
side N [adc counts]
side P [adc counts]

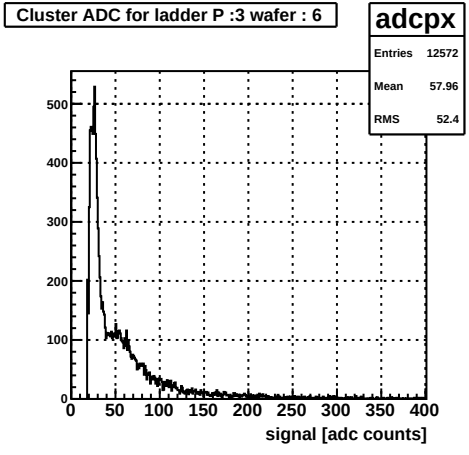

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 16238
Mean 74.11
RMS 60.27
signal [adc counts]

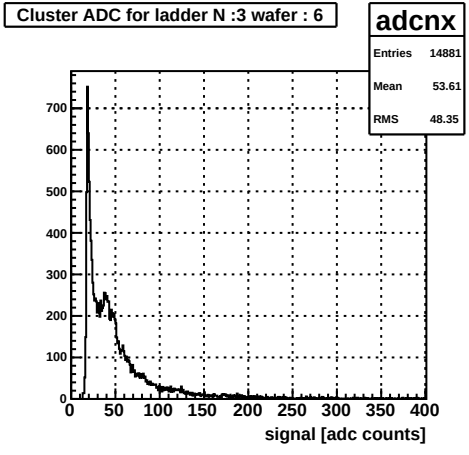

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 22889
Mean 95.29
RMS 74.58
signal [adc counts]

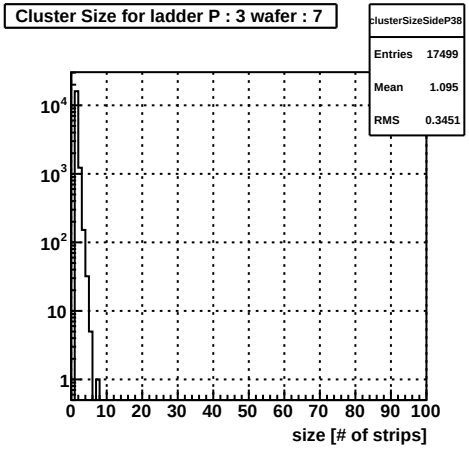

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 12572
Mean 1.154
RMS 0.4408
size [# of strips]

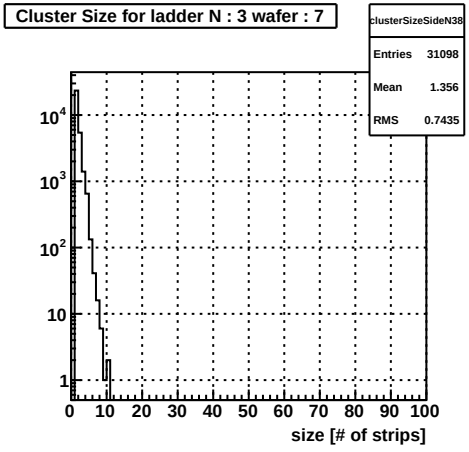

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 14881
Mean 1.371
RMS 0.7424
size [# of strips]

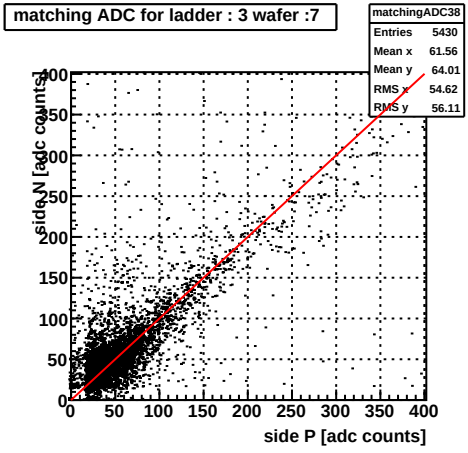

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 5054
Mean x 62.23
Mean y 56.56
RMS x 48.88
RMS y 45.32
side N [adc counts]
side P [adc counts]

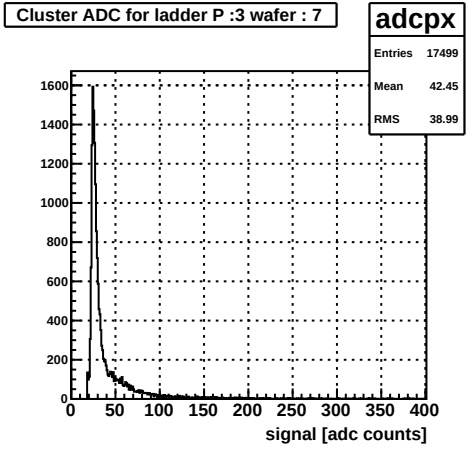

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 12572
Mean 57.96
RMS 52.4
signal [adc counts]

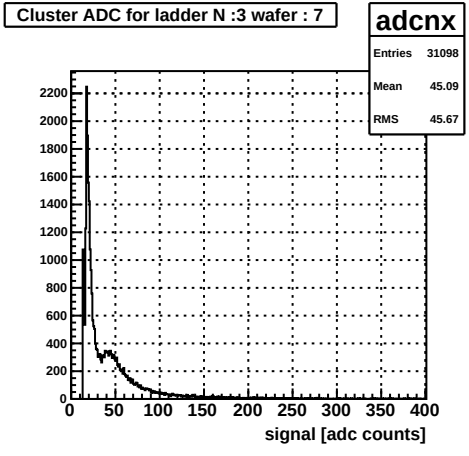

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 14881
Mean 53.61
RMS 48.35
signal [adc counts]

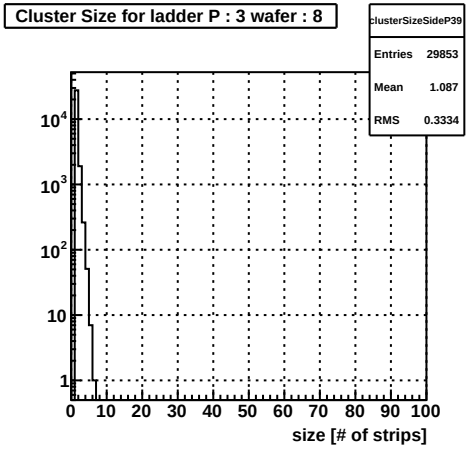

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17499
Mean 1.095
RMS 0.3451
size [# of strips]

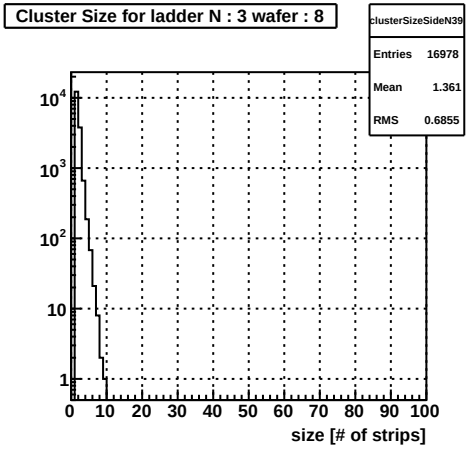

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 31098
Mean 1.356
RMS 0.7435
size [# of strips]

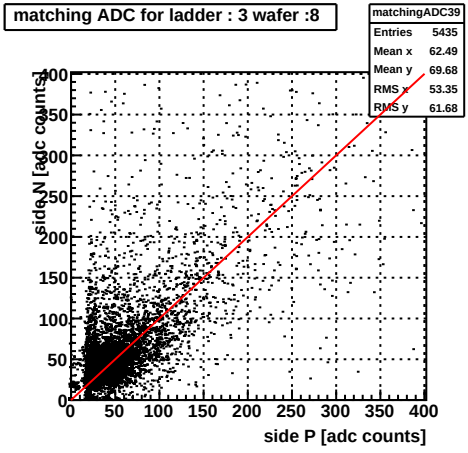

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5430
Mean x 61.56
Mean y 64.01
RMS x 54.62
RMS y 56.11
side N [adc counts]
side P [adc counts]

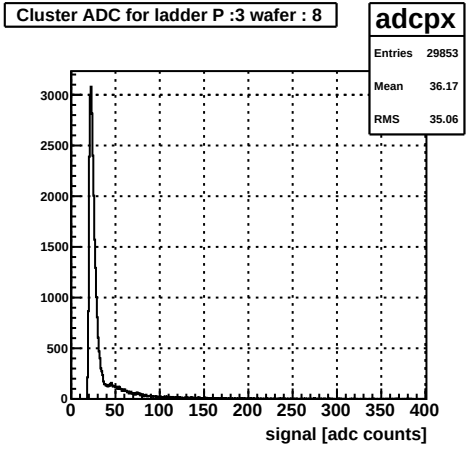

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17499
Mean 42.45
RMS 38.99
signal [adc counts]

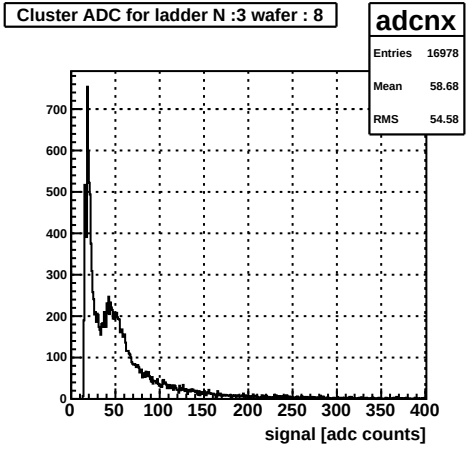

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 31098
Mean 45.09
RMS 45.67
signal [adc counts]

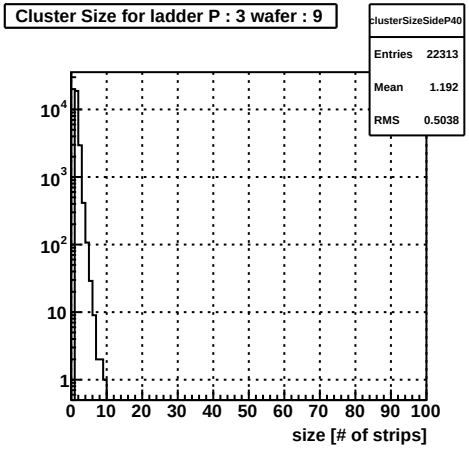

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 29853
Mean 1.087
RMS 0.3334
size [# of strips]

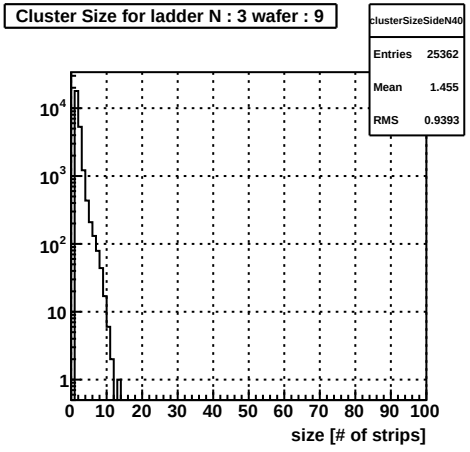

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 16978
Mean 1.361
RMS 0.6855
size [# of strips]

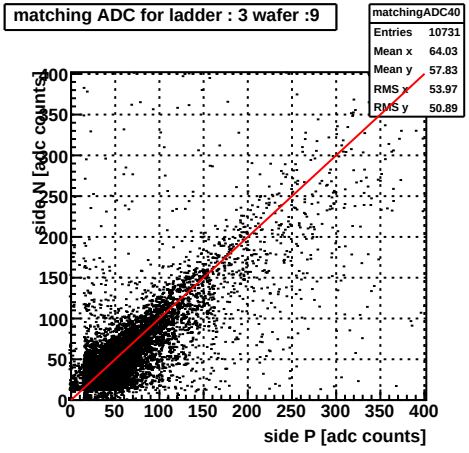

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 5435
Mean x 62.49
Mean y 69.68
RMS x 53.35
RMS y 61.68
side N [adc counts]
side P [adc counts]

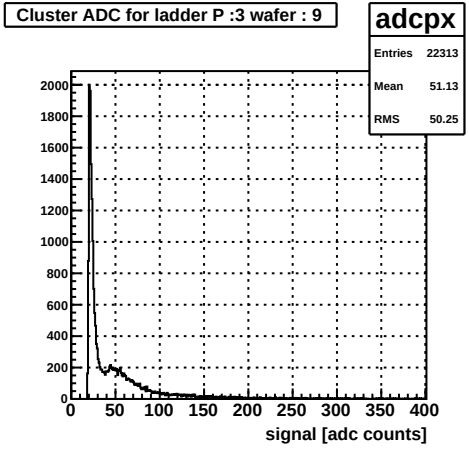

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 29853
Mean 36.17
RMS 35.06
signal [adc counts]

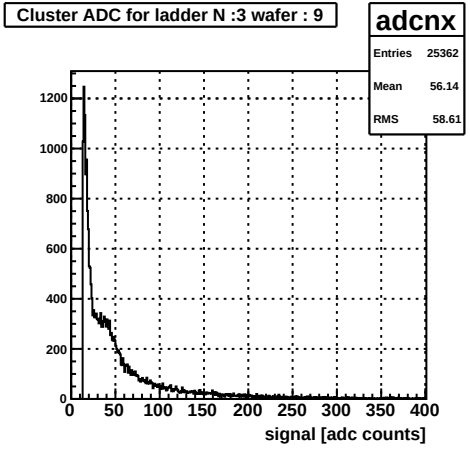

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 16978
Mean 58.68
RMS 54.58
signal [adc counts]

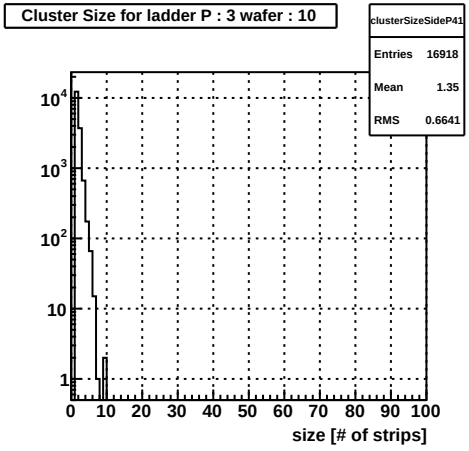

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 22313
Mean 1.192
RMS 0.5038
size [# of strips]

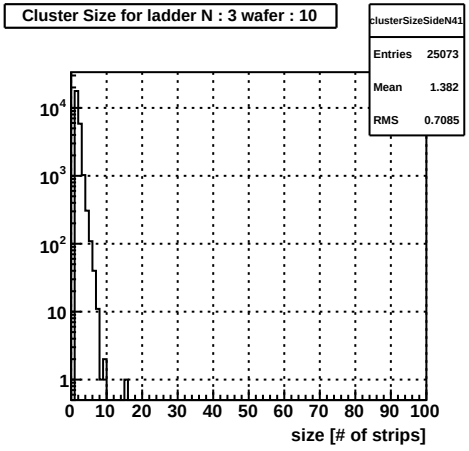

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 25362
Mean 1.455
RMS 0.9393
size [# of strips]

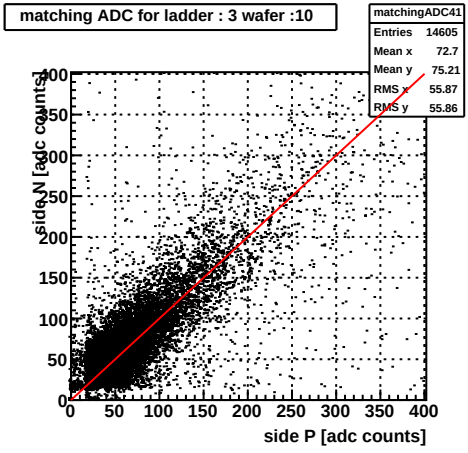

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10731
Mean x 64.03
Mean y 57.83
RMS x 53.97
RMS y 50.89
side N [adc counts]
side P [adc counts]

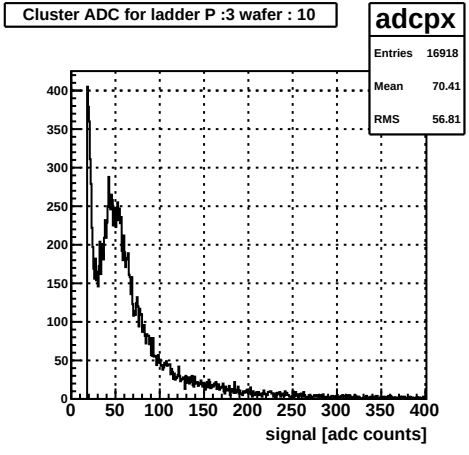

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 22313
Mean 51.13
RMS 50.25
signal [adc counts]

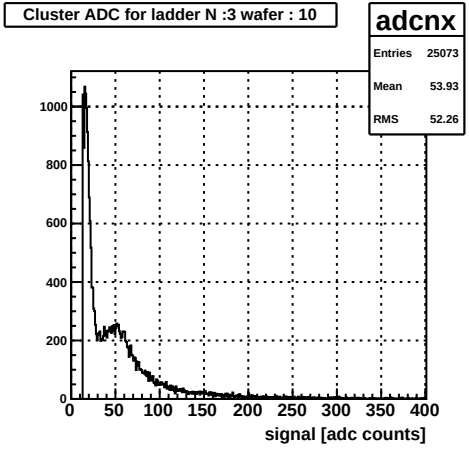

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 25362
Mean 56.14
RMS 58.61
signal [adc counts]

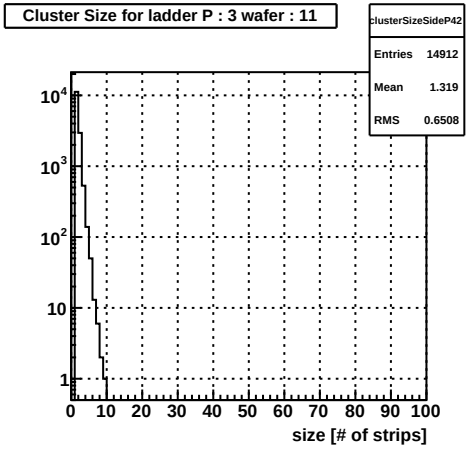

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 16918
Mean 1.35
RMS 0.6641
size [# of strips]

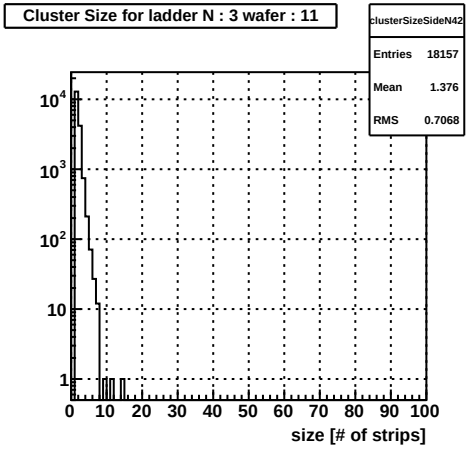

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 25073
Mean 1.382
RMS 0.7085
size [# of strips]

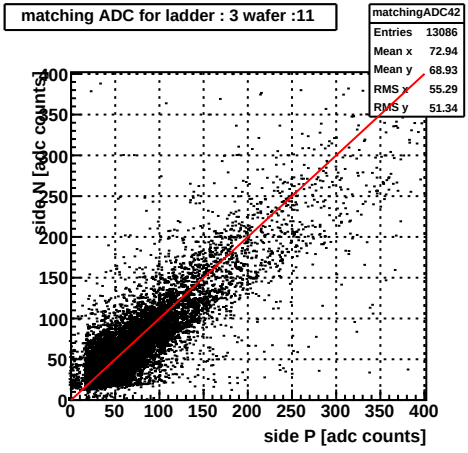

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 14605
Mean x 72.7
Mean y 75.21
RMS x 55.87
RMS y 55.86
side N [adc counts]
side P [adc counts]

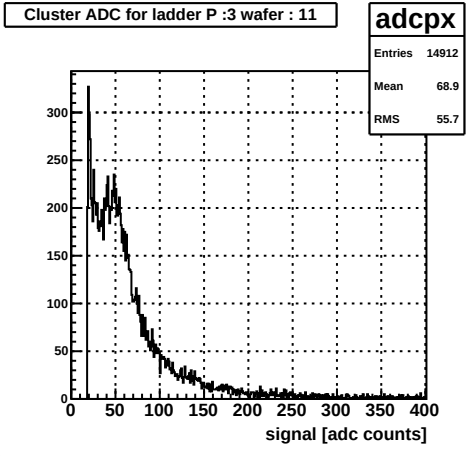

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 16918
Mean 70.41
RMS 56.81
signal [adc counts]

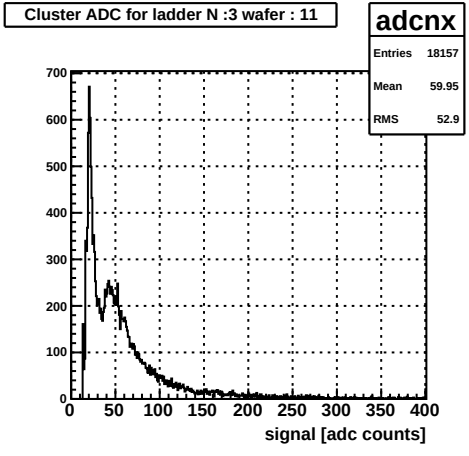

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 25073
Mean 53.93
RMS 52.26
signal [adc counts]

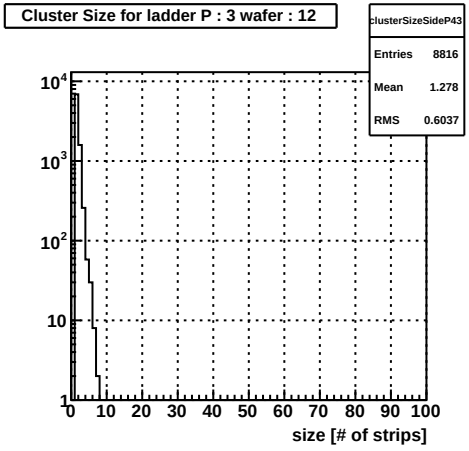

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 14912
Mean 1.319
RMS 0.6508
size [# of strips]

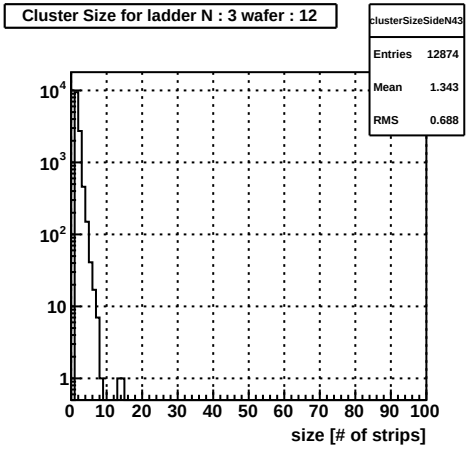

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 18157
Mean 1.376
RMS 0.7068
size [# of strips]

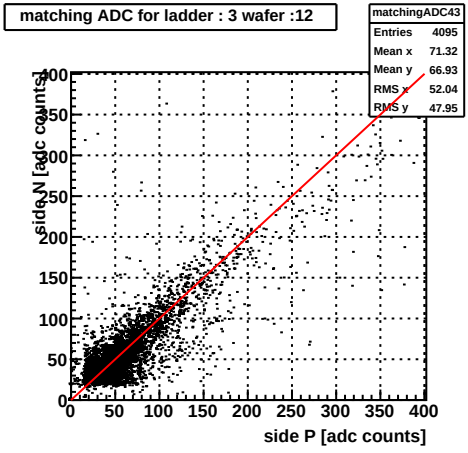

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 13086
Mean x 72.94
Mean y 68.93
RMS x 55.29
RMS y 51.34
side N [adc counts]
side P [adc counts]

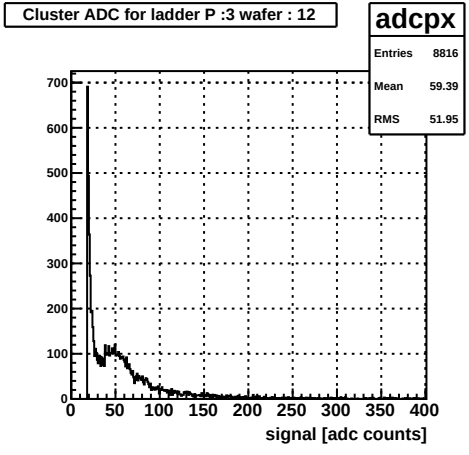

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 14912
Mean 68.9
RMS 55.7
signal [adc counts]

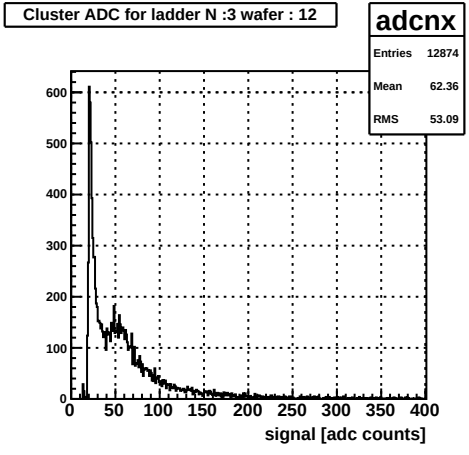

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 18157
Mean 59.95
RMS 52.9
signal [adc counts]

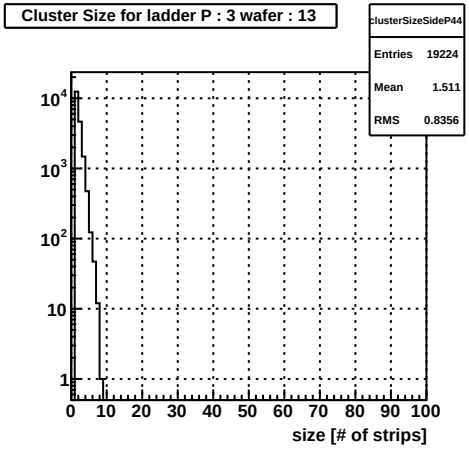

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 8816
Mean 1.278
RMS 0.6037
size [# of strips]

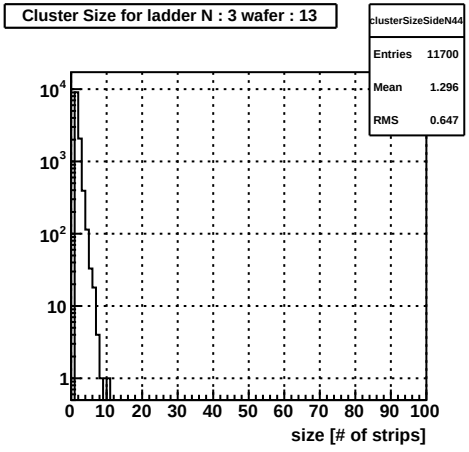

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 12874
Mean 1.343
RMS 0.688
size [# of strips]

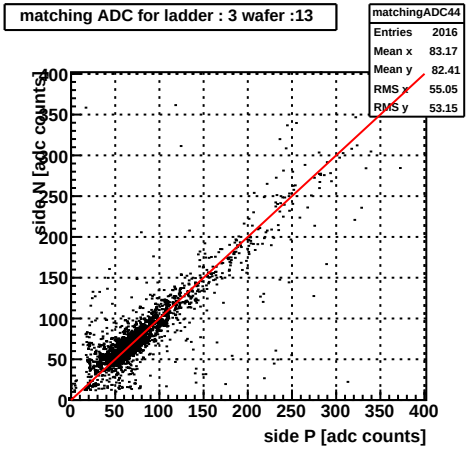

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4095
Mean x 71.32
Mean y 66.93
RMS x 52.04
RMS y 47.95
side N [adc counts]
side P [adc counts]

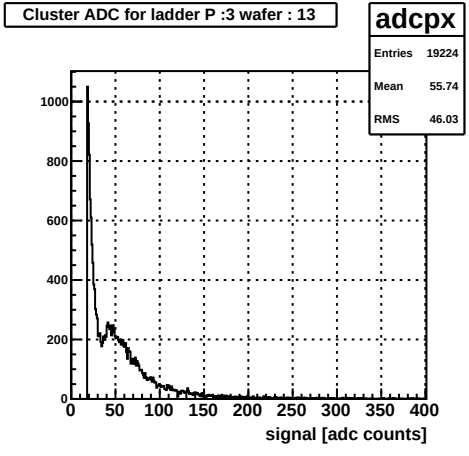

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 8816
Mean 59.39
RMS 51.95
signal [adc counts]

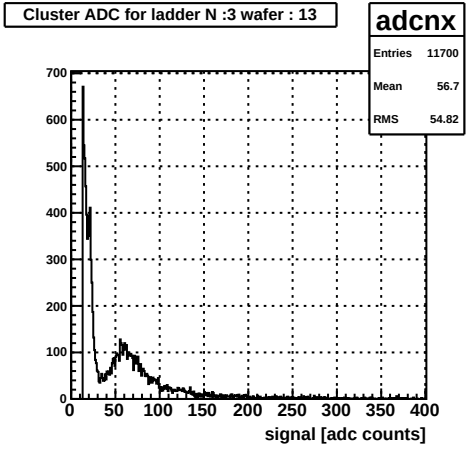

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 12874
Mean 62.36
RMS 53.09
signal [adc counts]

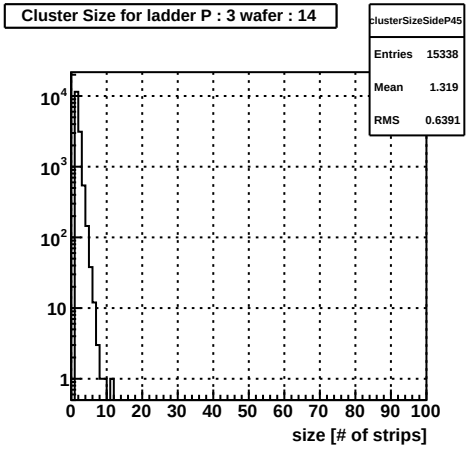

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 19224
Mean 1.511
RMS 0.8356
size [# of strips]

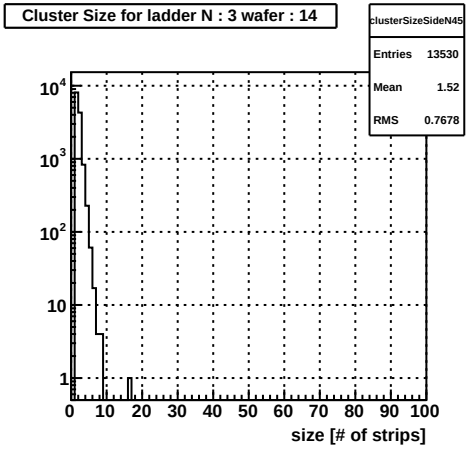

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 11700
Mean 1.296
RMS 0.647
size [# of strips]

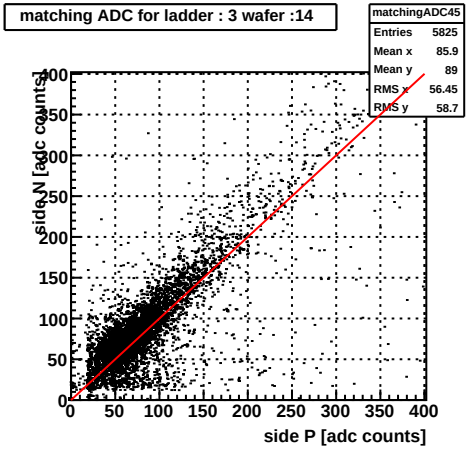

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2016
Mean x 83.17
Mean y 82.41
RMS x 55.05
RMS y 53.15
side N [adc counts]
side P [adc counts]

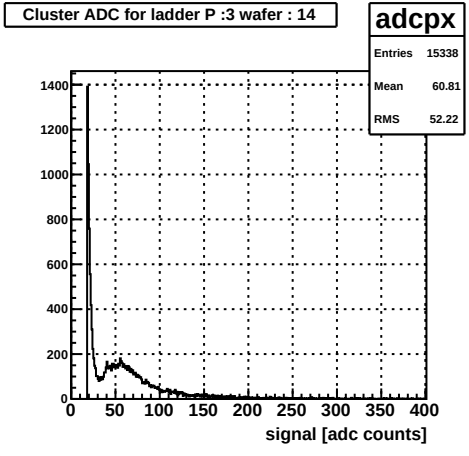

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 19224
Mean 55.74
RMS 46.03
signal [adc counts]

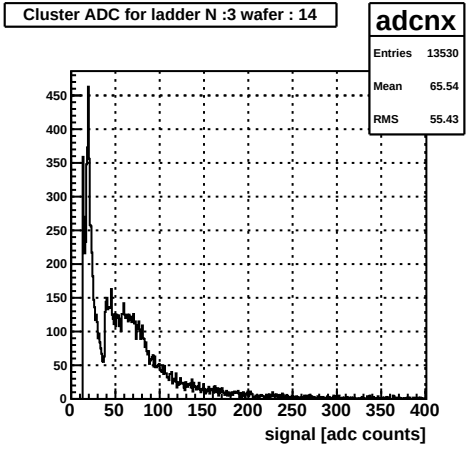

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 11700
Mean 56.7
RMS 54.82
signal [adc counts]

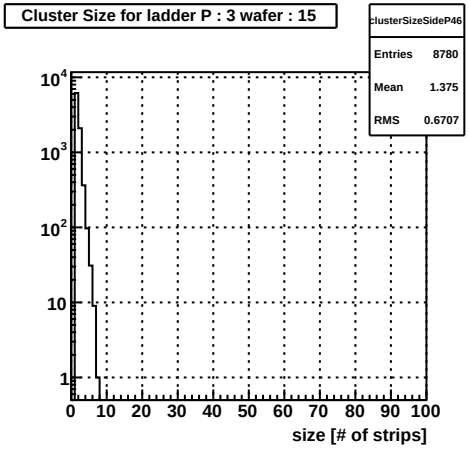

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 15338
Mean 1.319
RMS 0.6391
size [# of strips]

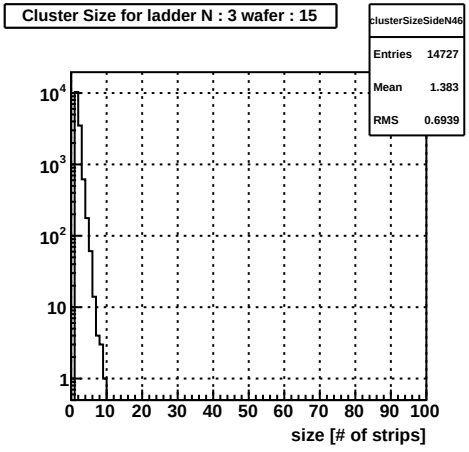

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 13530
Mean 1.52
RMS 0.7678
size [# of strips]

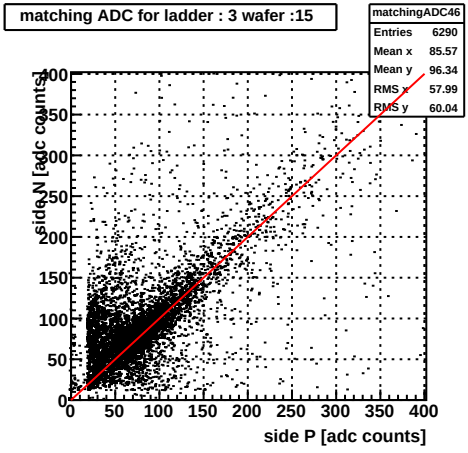

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5825
Mean x 85.9
Mean y 89
RMS x 56.45
RMS y 58.7
side N [adc counts]
side P [adc counts]

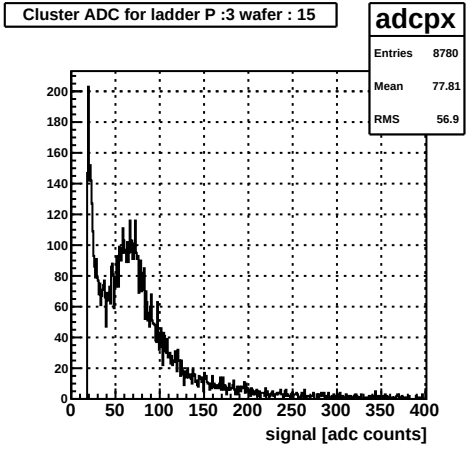

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 15338
Mean 60.81
RMS 52.22
signal [adc counts]

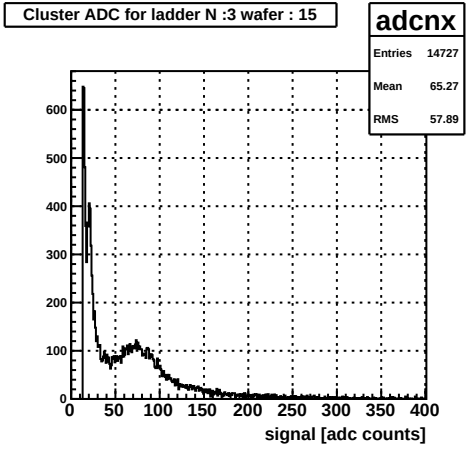

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 13530
Mean 65.54
RMS 55.43
signal [adc counts]

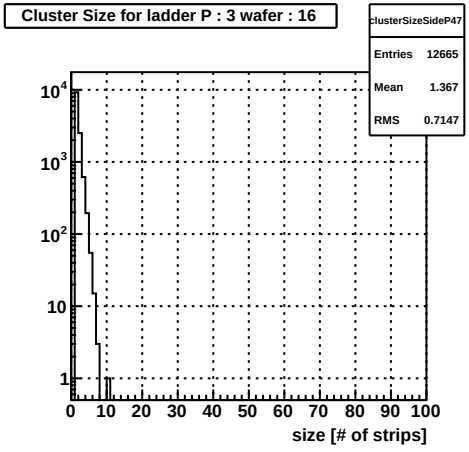

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 8780
Mean 1.375
RMS 0.6707
size [# of strips]

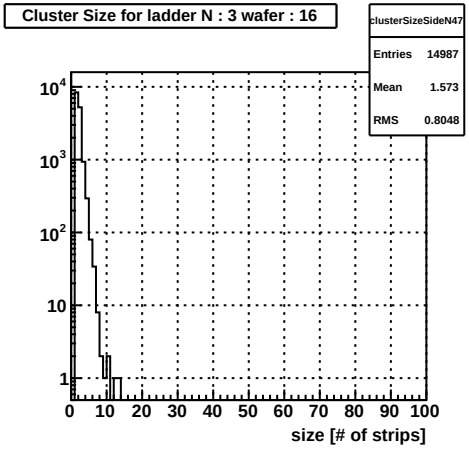

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 14727
Mean 1.383
RMS 0.6939
size [# of strips]

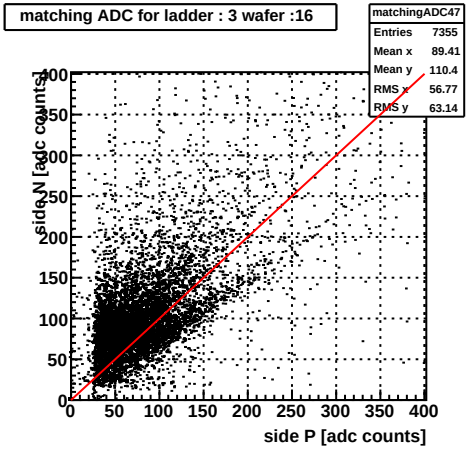

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6290
Mean x 85.57
Mean y 96.34
RMS x 57.99
RMS y 60.04
side N [adc counts]
side P [adc counts]

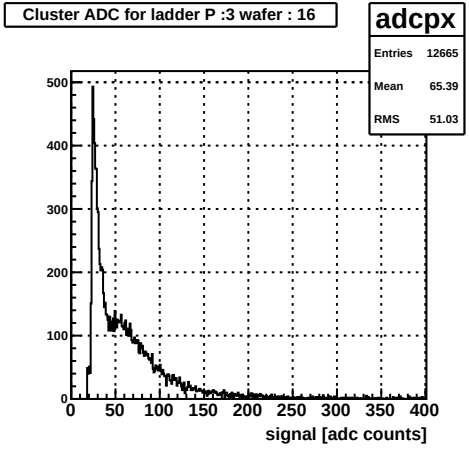

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 8780
Mean 77.81
RMS 56.9
signal [adc counts]

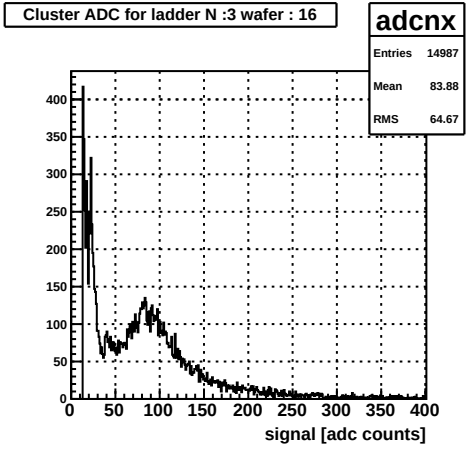

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 14727
Mean 65.27
RMS 57.89
signal [adc counts]

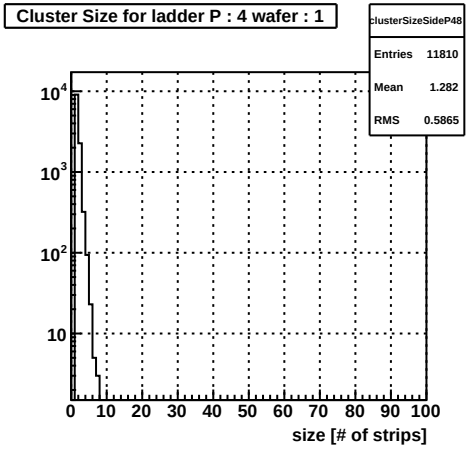

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 12665
Mean 1.367
RMS 0.7147
size [# of strips]

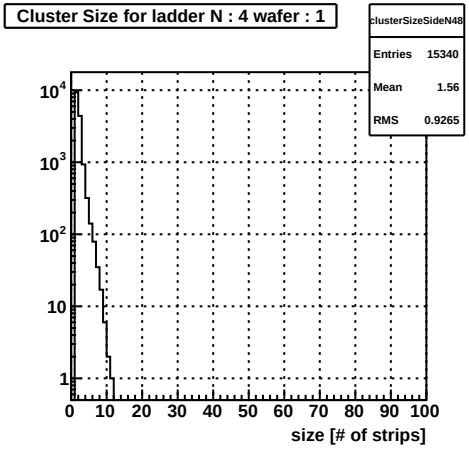

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 14987
Mean 1.573
RMS 0.8048
size [# of strips]

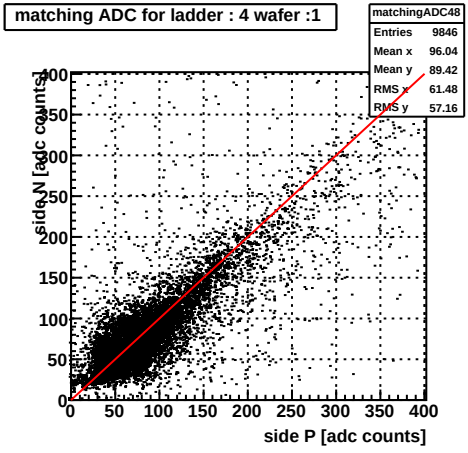

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 7355
Mean x 89.41
Mean y 110.4
RMS x 56.77
RMS y 63.14
side N [adc counts]
side P [adc counts]

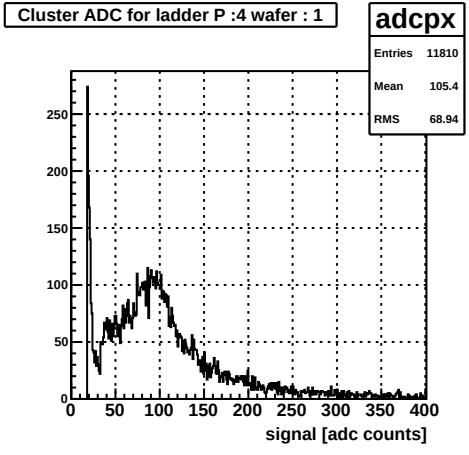

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 12665
Mean 65.39
RMS 51.03
signal [adc counts]

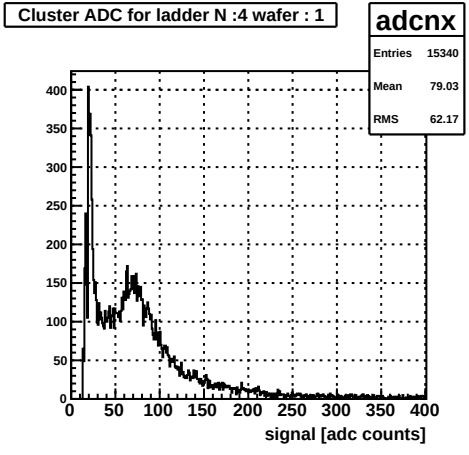

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 14987
Mean 83.88
RMS 64.67
signal [adc counts]

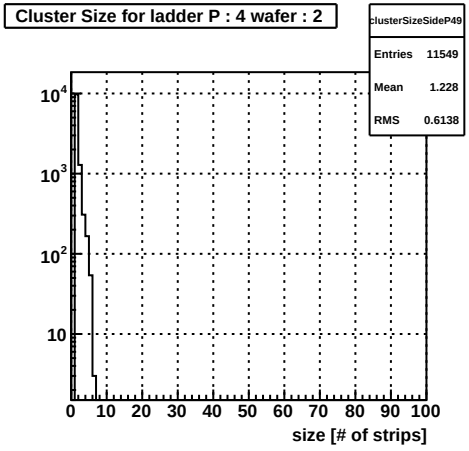

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 11810
Mean 1.282
RMS 0.5865
size [# of strips]

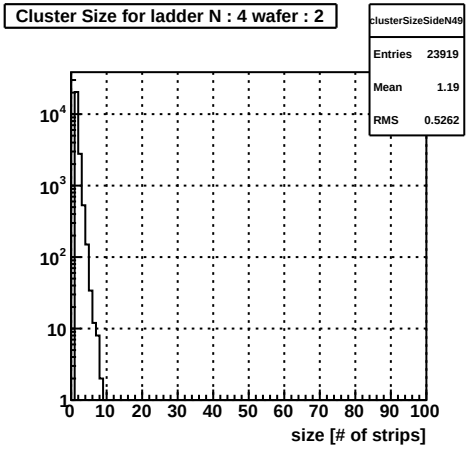

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 15340
Mean 1.56
RMS 0.9265
size [# of strips]

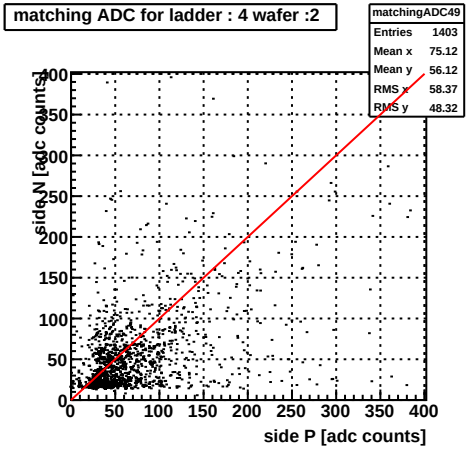

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9846
Mean x 96.04
Mean y 89.42
RMS x 61.48
RMS y 57.16
side N [adc counts]
side P [adc counts]

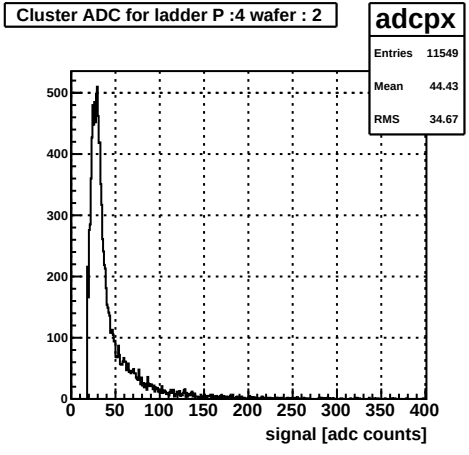

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 11810
Mean 105.4
RMS 68.94
signal [adc counts]

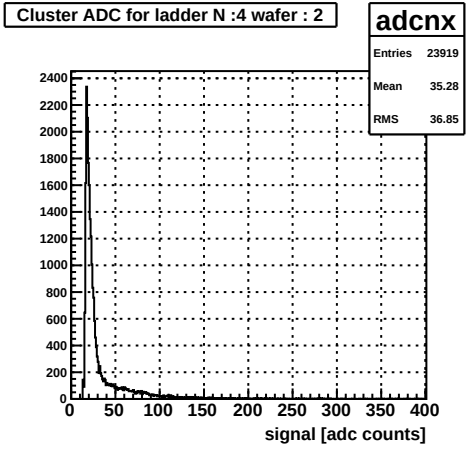

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 15340
Mean 79.03
RMS 62.17
signal [adc counts]

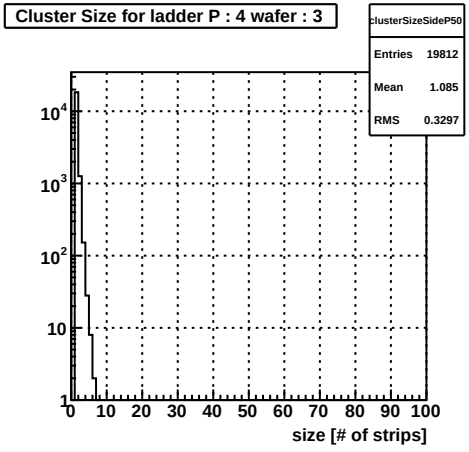

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 11549
Mean 1.228
RMS 0.6138
size [# of strips]

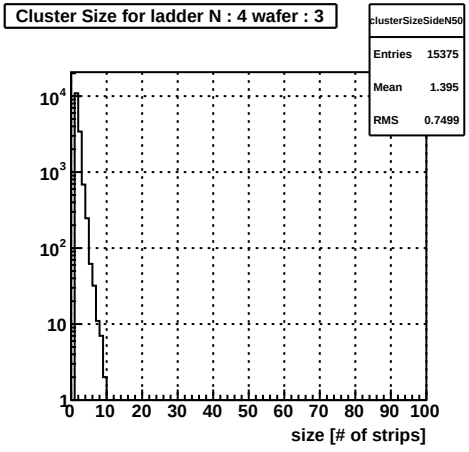

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23919
Mean 1.19
RMS 0.5262
size [# of strips]

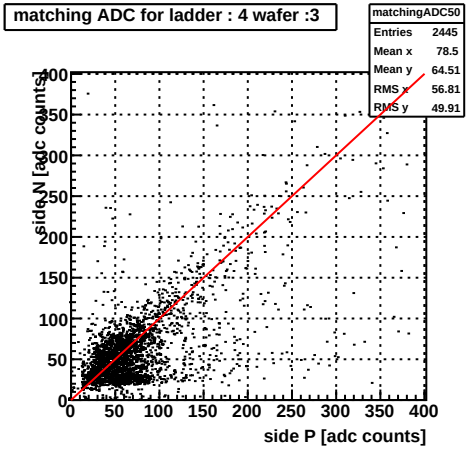

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1403
Mean x 75.12
Mean y 56.12
RMS x 58.37
RMS y 48.32
side N [adc counts]
side P [adc counts]

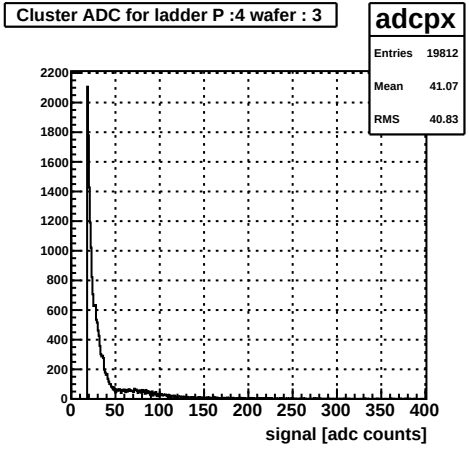

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 11549
Mean 44.43
RMS 34.67
signal [adc counts]

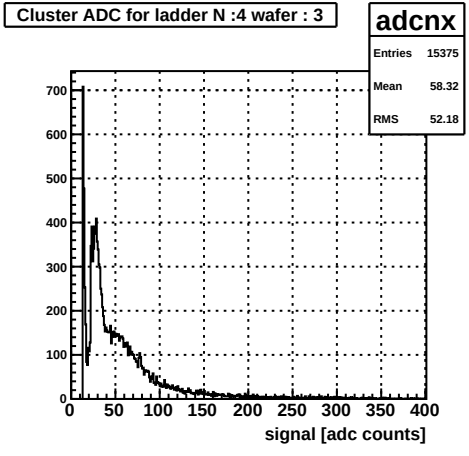

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23919
Mean 35.28
RMS 36.85
signal [adc counts]

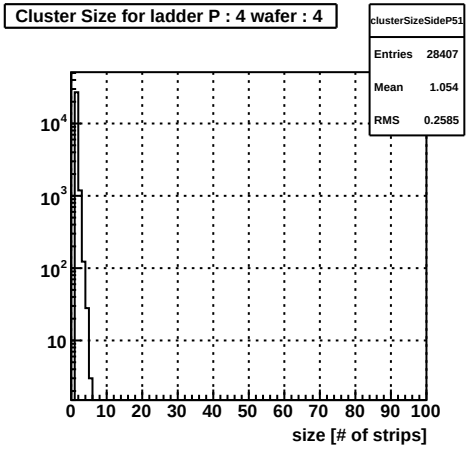

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 19812
Mean 1.085
RMS 0.3297
size [# of strips]

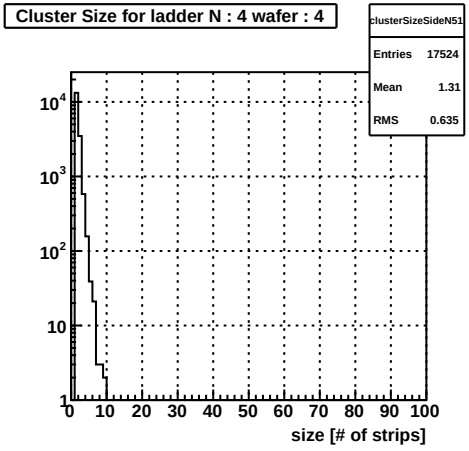

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 15375
Mean 1.395
RMS 0.7499
size [# of strips]

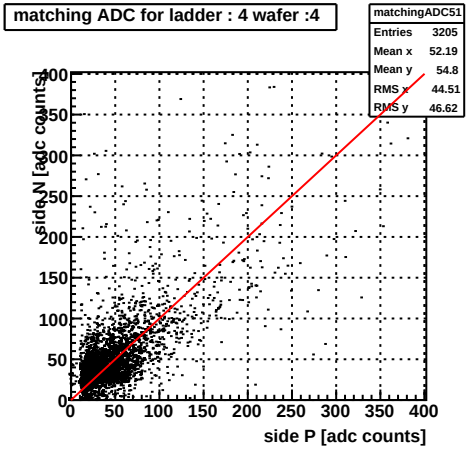

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2445
Mean x 78.5
Mean y 64.51
RMS x 56.81
RMS y 49.91
side N [adc counts]
side P [adc counts]

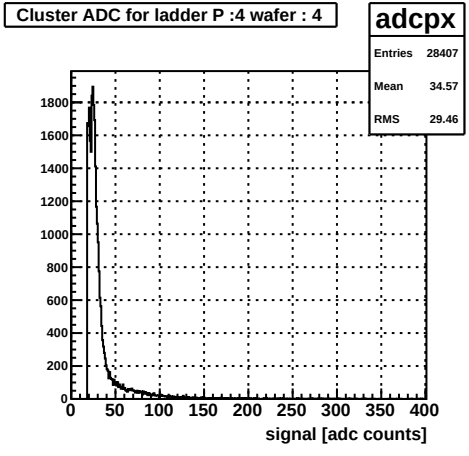

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 19812
Mean 41.07
RMS 40.83
signal [adc counts]

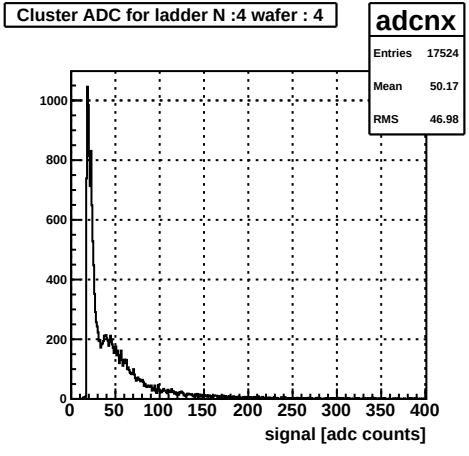

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 15375
Mean 58.32
RMS 52.18
signal [adc counts]

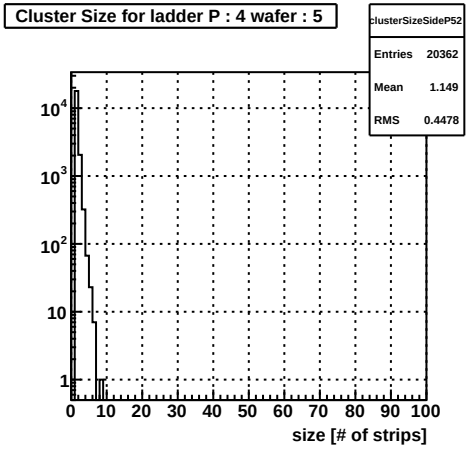

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 28407
Mean 1.054
RMS 0.2585
size [# of strips]

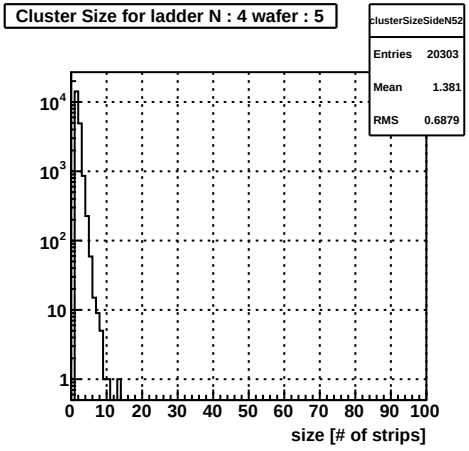

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 17524
Mean 1.31
RMS 0.635
size [# of strips]

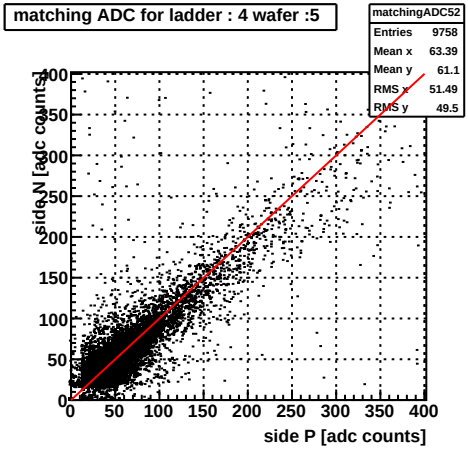

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3205
Mean x 52.19
Mean y 54.8
RMS x 44.51
RMS y 46.62
side N [adc counts]
side P [adc counts]

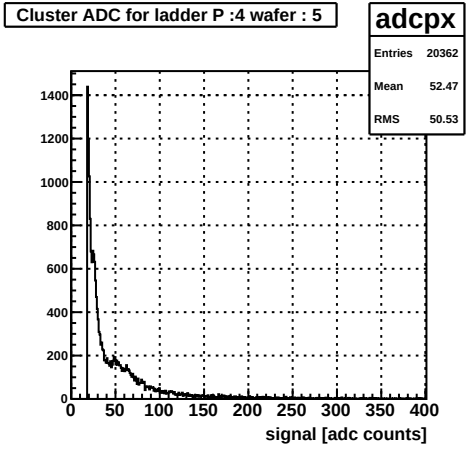

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 28407
Mean 34.57
RMS 29.46
signal [adc counts]

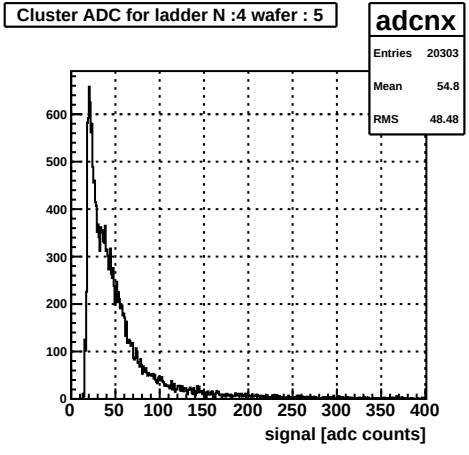

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 17524
Mean 50.17
RMS 46.98
signal [adc counts]

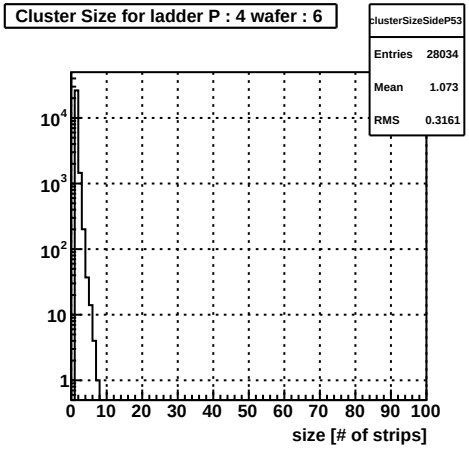

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 20362
Mean 1.149
RMS 0.4478
size [# of strips]

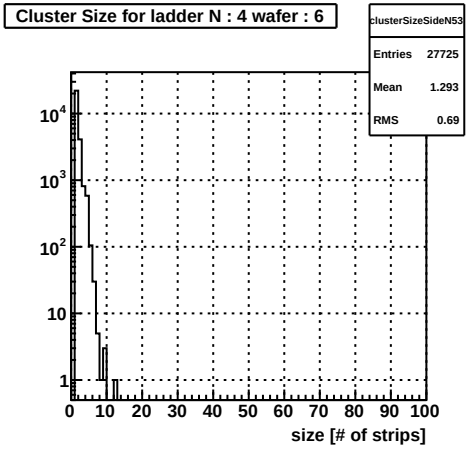

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 20303
Mean 1.381
RMS 0.6879
size [# of strips]

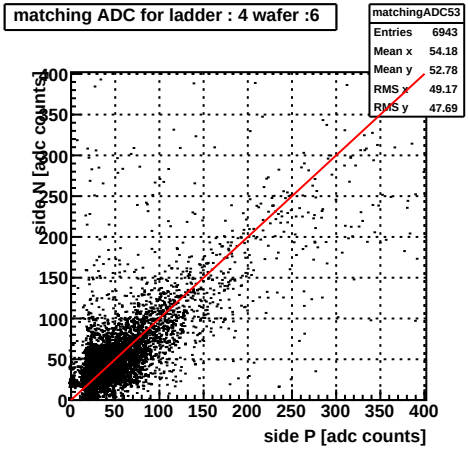

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9758
Mean x 63.39
Mean y 61.1
RMS x 51.49
RMS y 49.5
side N [adc counts]
side P [adc counts]

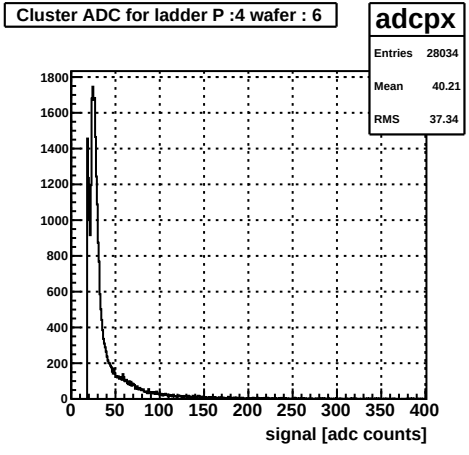

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 20362
Mean 52.47
RMS 50.53
signal [adc counts]

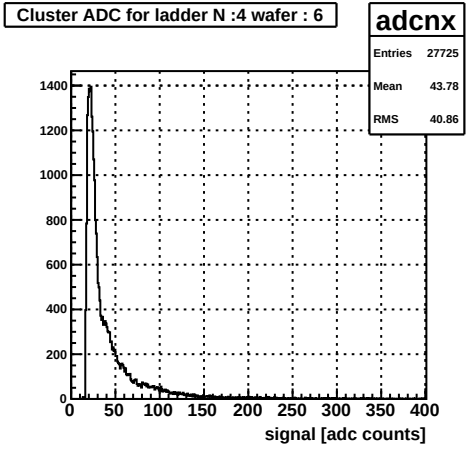

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 20303
Mean 54.8
RMS 48.48
signal [adc counts]

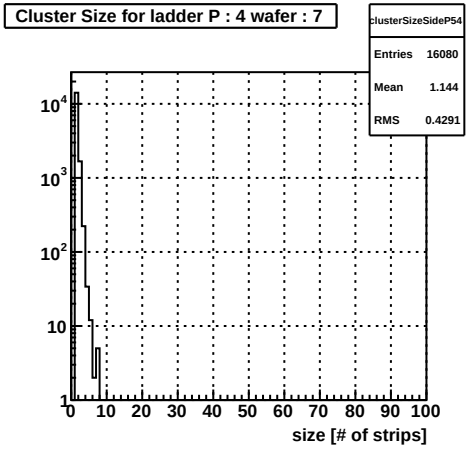

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 28034
Mean 1.073
RMS 0.3161
size [# of strips]

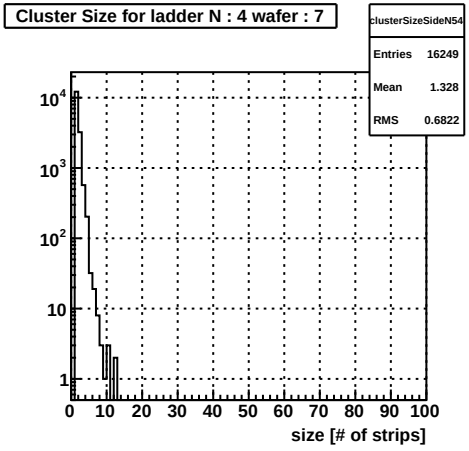

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 27725
Mean 1.293
RMS 0.69
size [# of strips]

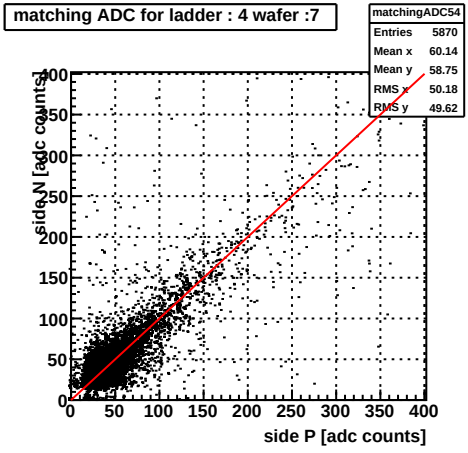

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6943
Mean x 54.18
Mean y 52.78
RMS x 49.17
RMS y 47.69
side N [adc counts]
side P [adc counts]

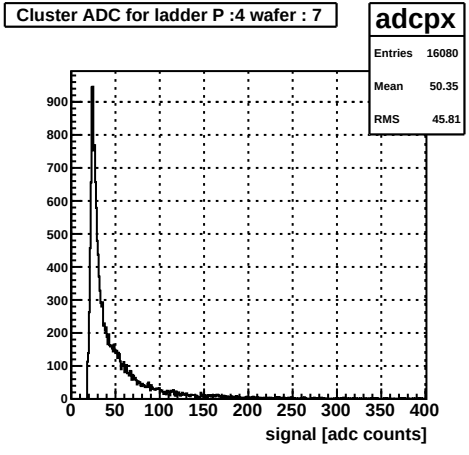

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 28034
Mean 40.21
RMS 37.34
signal [adc counts]

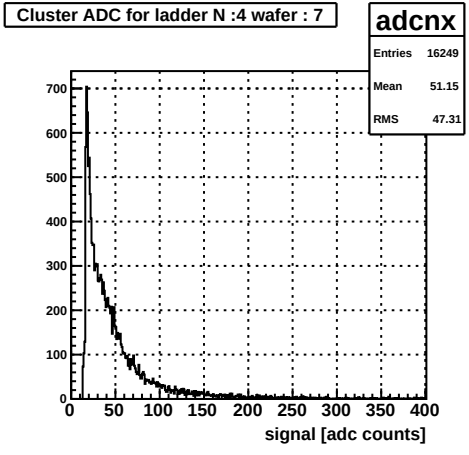

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 27725
Mean 43.78
RMS 40.86
signal [adc counts]

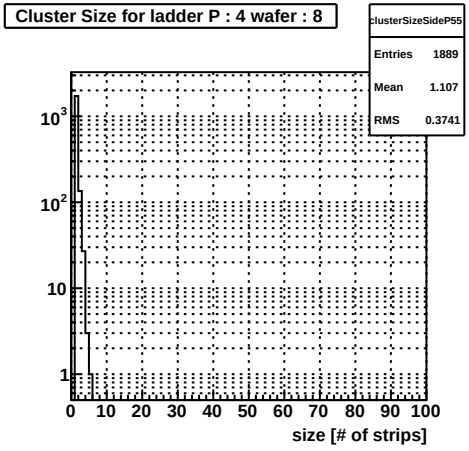

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 16080
Mean 1.144
RMS 0.4291
size [# of strips]

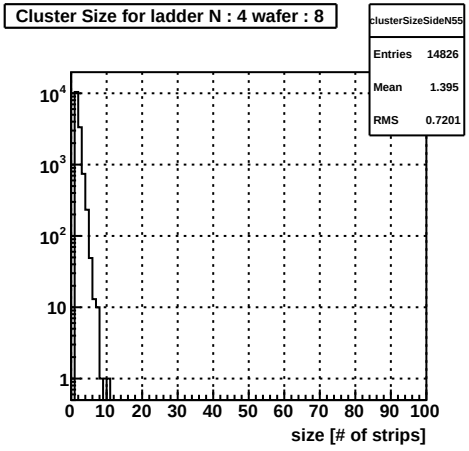

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 16249
Mean 1.328
RMS 0.6822
size [# of strips]

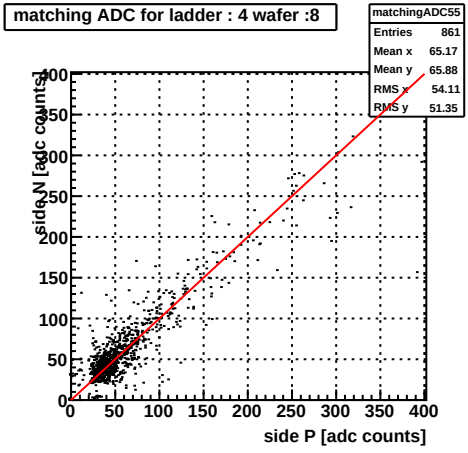

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5870
Mean x 60.14
Mean y 58.75
RMS x 50.18
RMS y 49.62
side N [adc counts]
side P [adc counts]

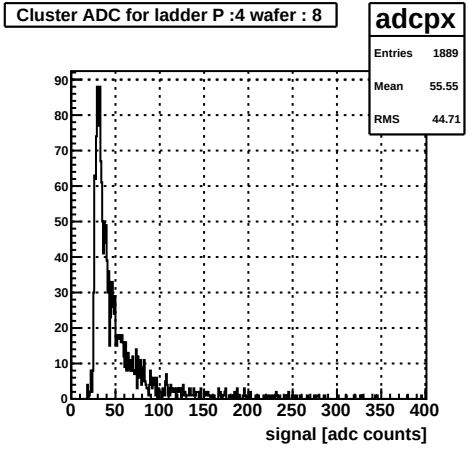

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 16080
Mean 50.35
RMS 45.81
signal [adc counts]

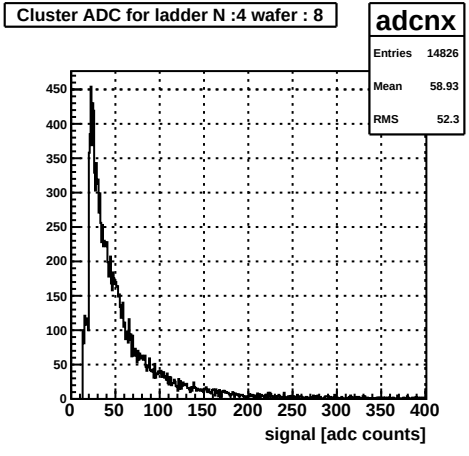

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 16249
Mean 51.15
RMS 47.31
signal [adc counts]

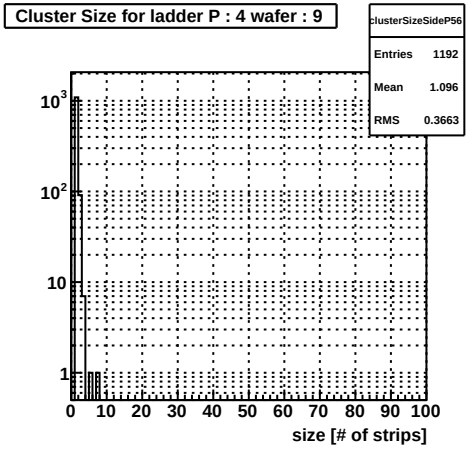

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1889
Mean 1.107
RMS 0.3741
size [# of strips]

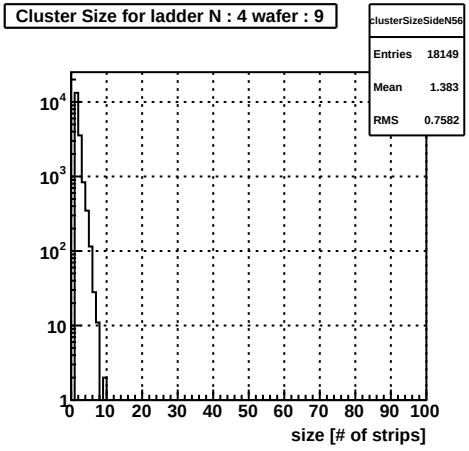

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 14826
Mean 1.395
RMS 0.7201
size [# of strips]

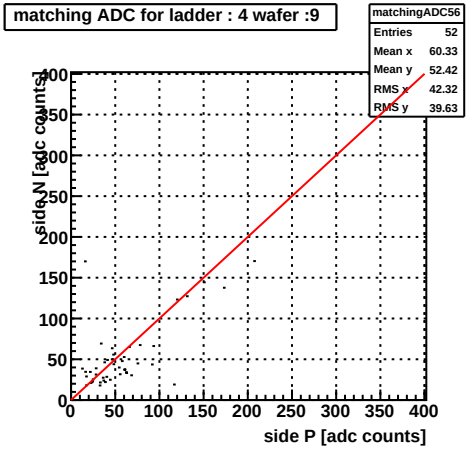

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 861
Mean x 65.17
Mean y 65.88
RMS x 54.11
RMS y 51.35
side N [adc counts]
side P [adc counts]

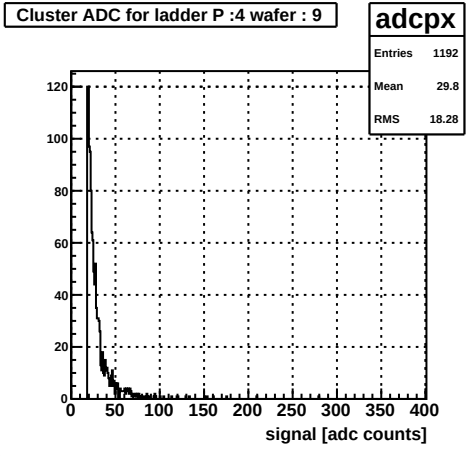

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1889
Mean 55.55
RMS 44.71
signal [adc counts]

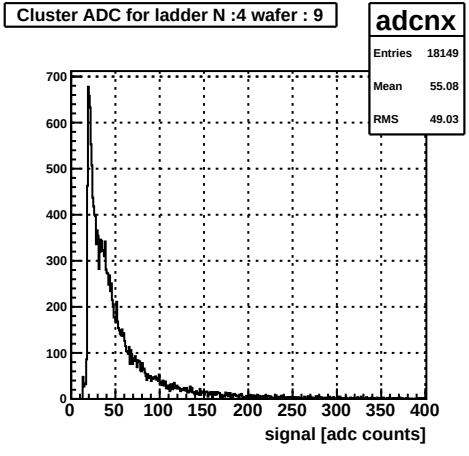

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 14826
Mean 58.93
RMS 52.3
signal [adc counts]

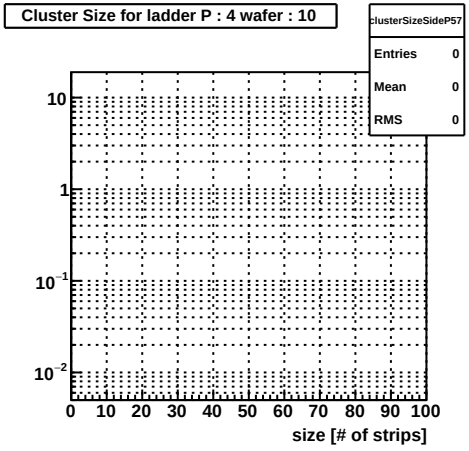

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1192
Mean 1.096
RMS 0.3663
size [# of strips]

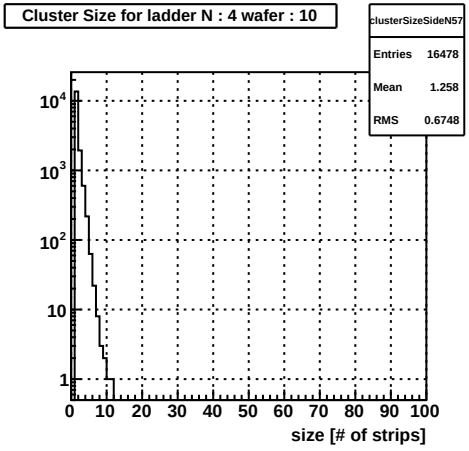

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 18149
Mean 1.383
RMS 0.7582
size [# of strips]

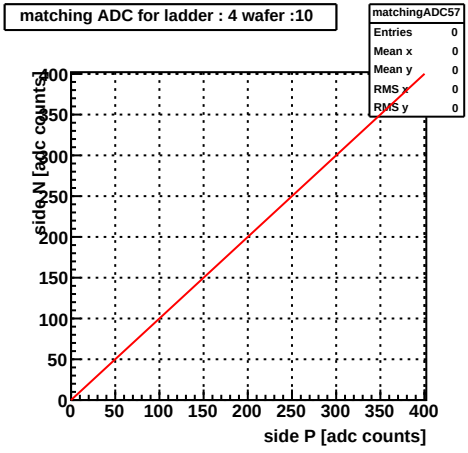

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 52
Mean x 60.33
Mean y 52.42
RMS x 42.32
RMS y 39.63
side N [adc counts]
side P [adc counts]

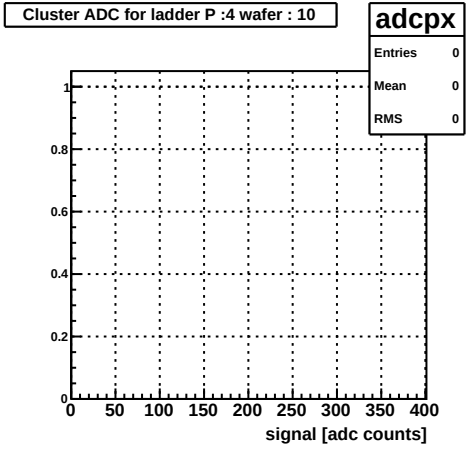

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1192
Mean 29.8
RMS 18.28
signal [adc counts]

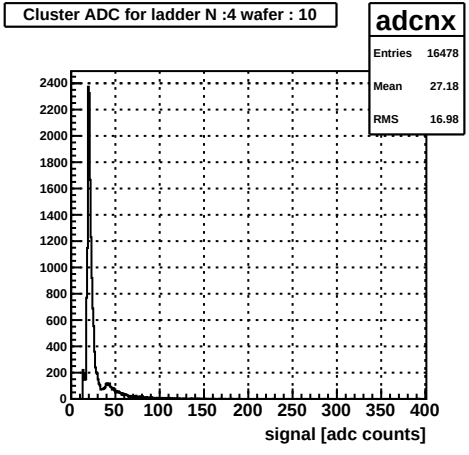

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 18149
Mean 55.08
RMS 49.03
signal [adc counts]

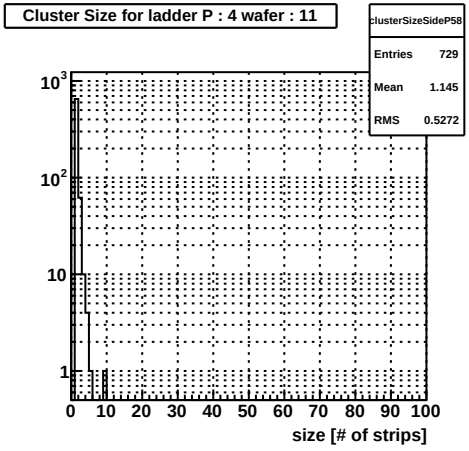

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

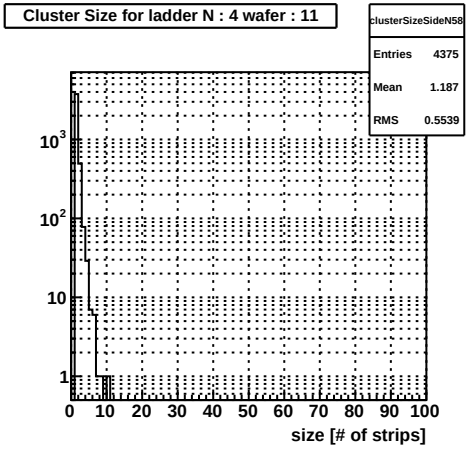

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16478
Mean 1.258
RMS 0.6748
size [# of strips]

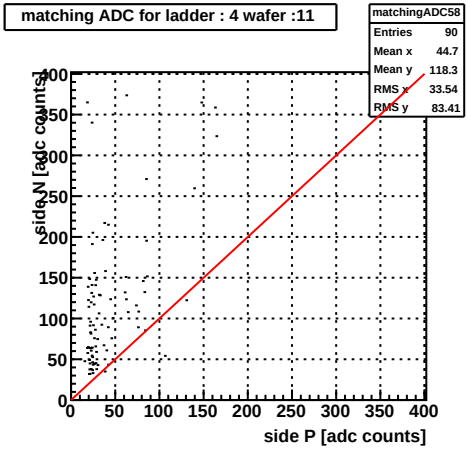

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

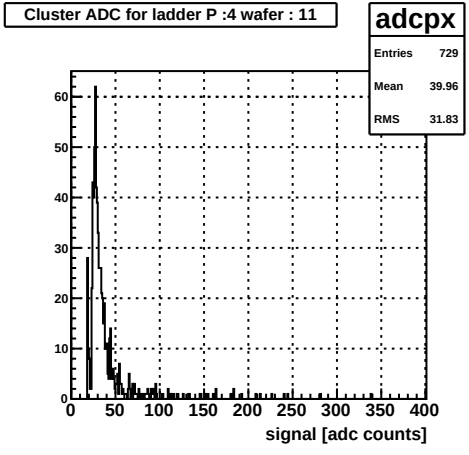

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

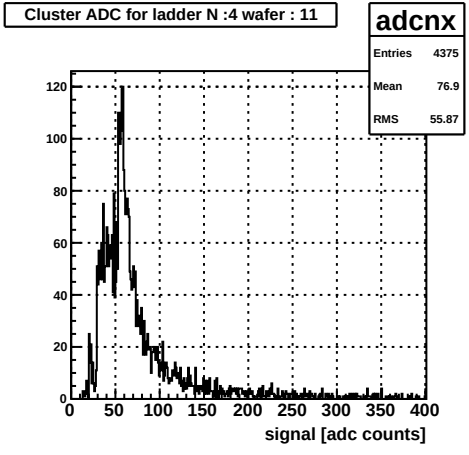

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16478
Mean 27.18
RMS 16.98
signal [adc counts]

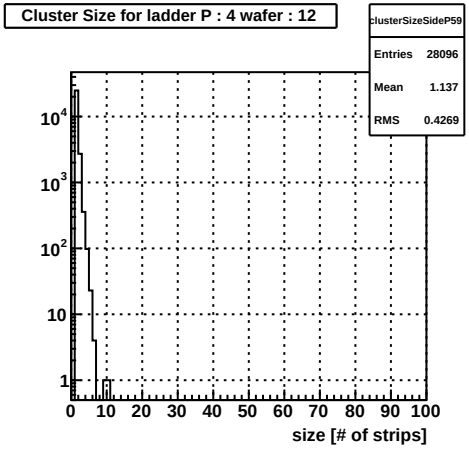

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 729
Mean 1.145
RMS 0.5272
size [# of strips]

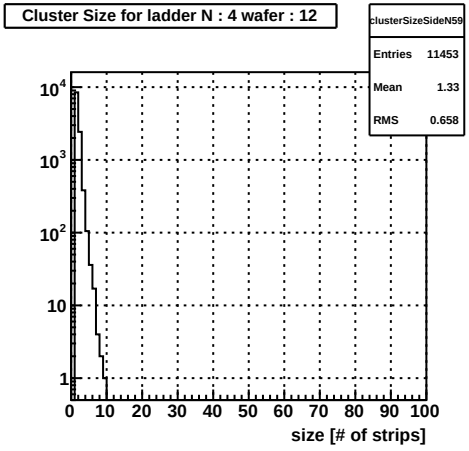

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 4375
Mean 1.187
RMS 0.5539
size [# of strips]

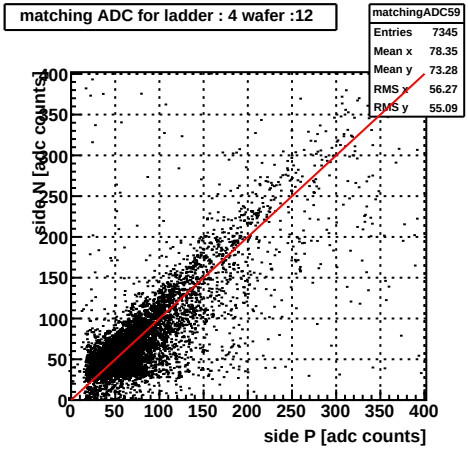

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 90
Mean x 44.7
Mean y 118.3
RMS x 33.54
RMS y 83.41
side N [adc counts]
side P [adc counts]

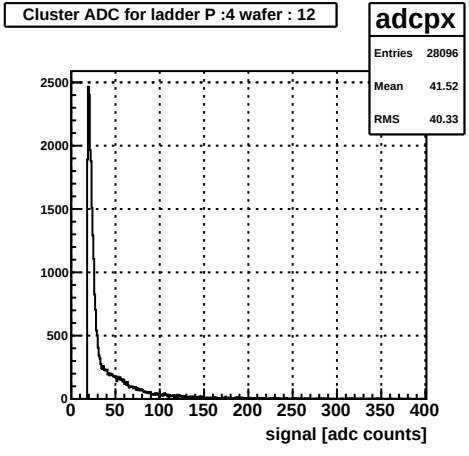

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 729
Mean 39.96
RMS 31.83
signal [adc counts]

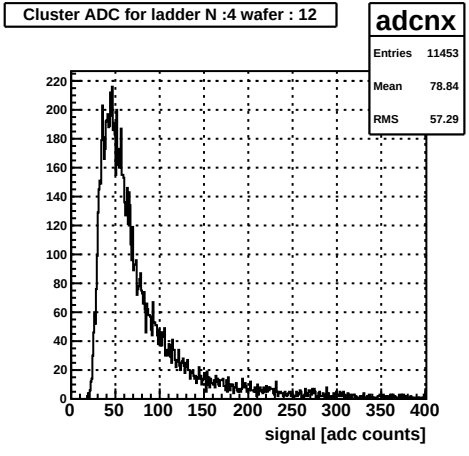

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 4375
Mean 76.9
RMS 55.87
signal [adc counts]

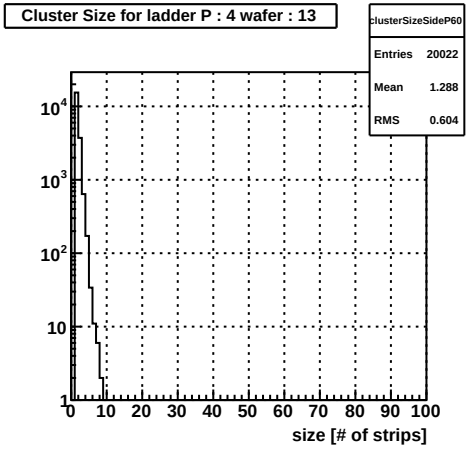

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 28096
Mean 1.137
RMS 0.4269
size [# of strips]

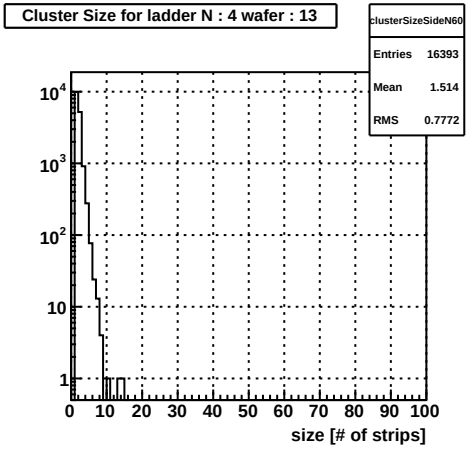

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 11453
Mean 1.33
RMS 0.658
size [# of strips]

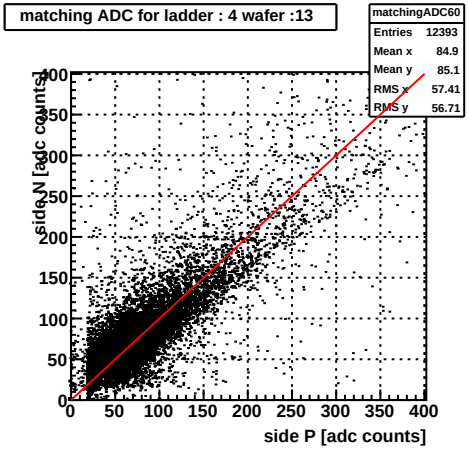

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 7345
Mean x 78.35
Mean y 73.28
RMS x 56.27
RMS y 55.09
side N [adc counts]
side P [adc counts]

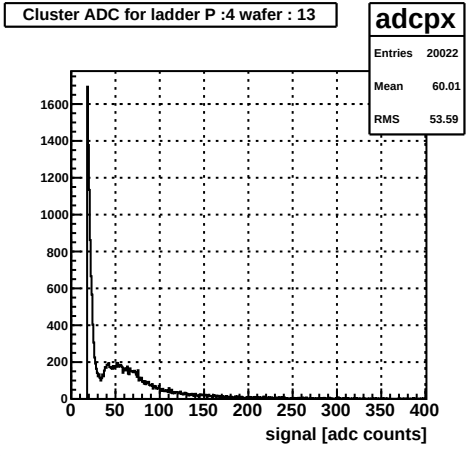

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 28096
Mean 41.52
RMS 40.33
signal [adc counts]

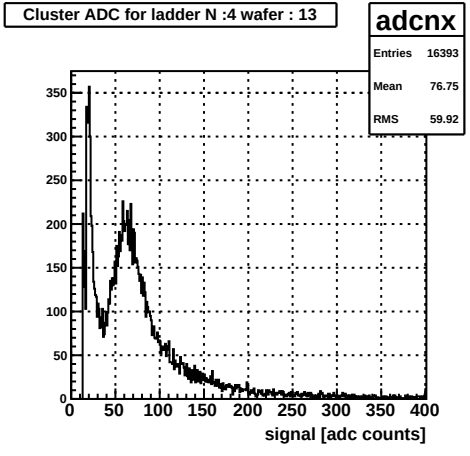

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 11453
Mean 78.84
RMS 57.29
signal [adc counts]

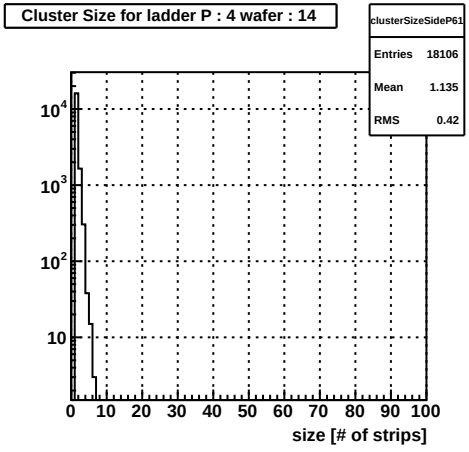

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 20022
Mean 1.288
RMS 0.604
size [# of strips]

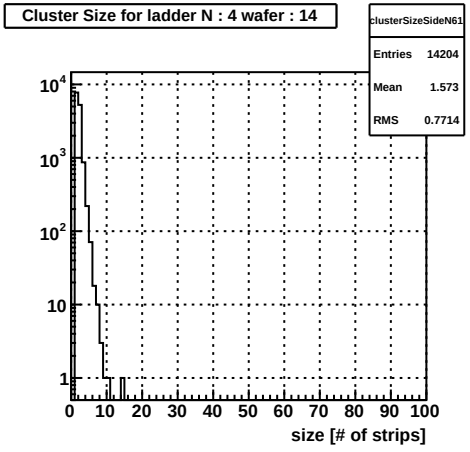

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 16393
Mean 1.514
RMS 0.7772
size [# of strips]

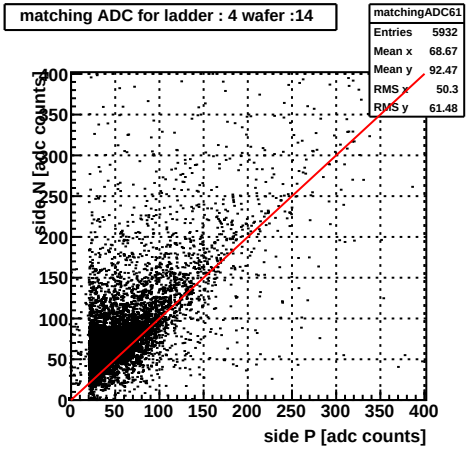

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 12393
Mean x 84.9
Mean y 85.1
RMS x 57.41
RMS y 56.71
side N [adc counts]
side P [adc counts]

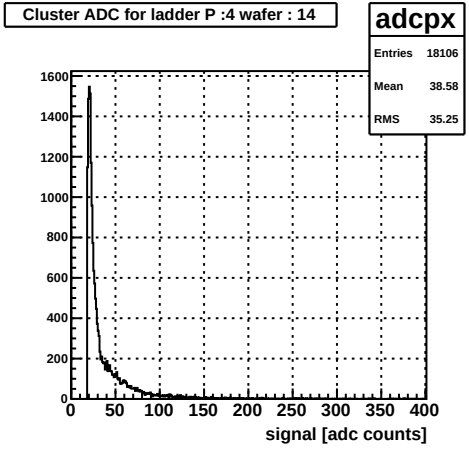

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 20022
Mean 60.01
RMS 53.59
signal [adc counts]

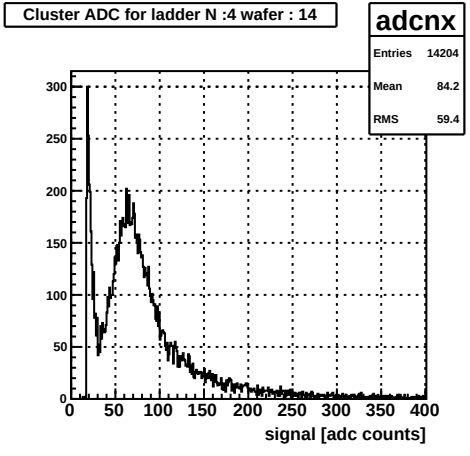

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 16393
Mean 76.75
RMS 59.92
signal [adc counts]

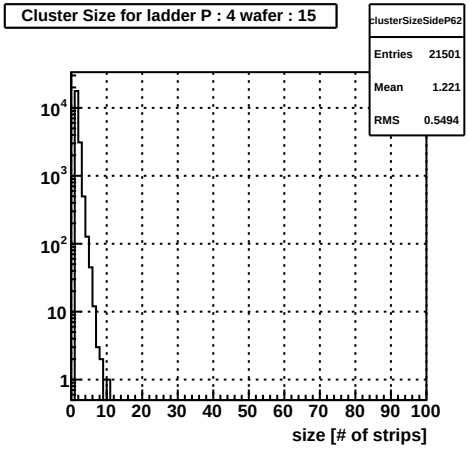

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 18106
Mean 1.135
RMS 0.42
size [# of strips]

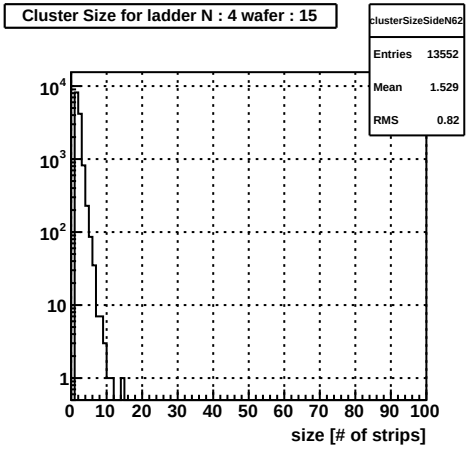

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 14204
Mean 1.573
RMS 0.7714
size [# of strips]

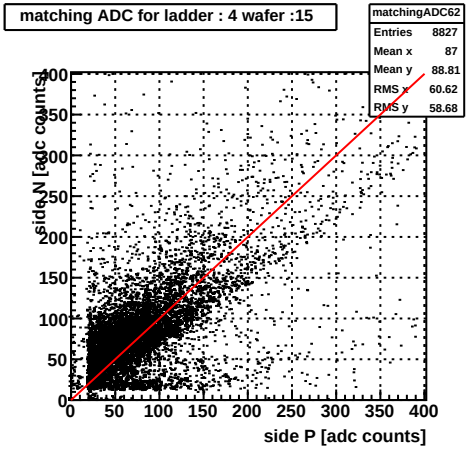

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5932
Mean x 68.67
Mean y 92.47
RMS x 50.3
RMS y 61.48
side N [adc counts]
side P [adc counts]

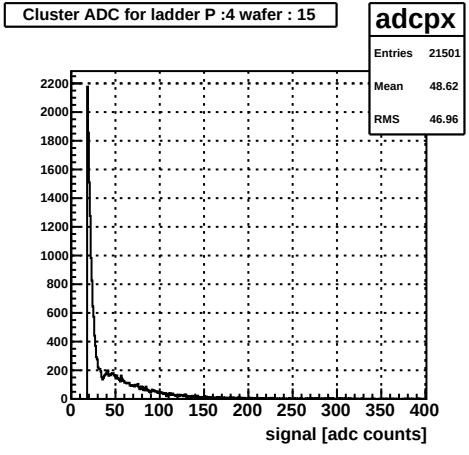

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 18106
Mean 38.58
RMS 35.25
signal [adc counts]

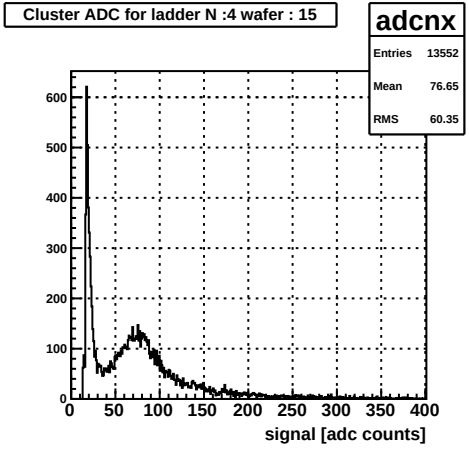

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 14204
Mean 84.2
RMS 59.4
signal [adc counts]

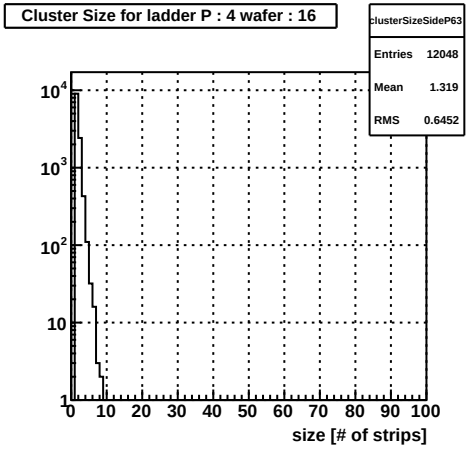

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 21501
Mean 1.221
RMS 0.5494
size [# of strips]

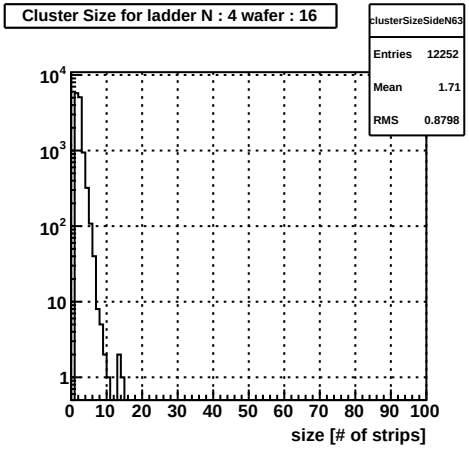

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 13552
Mean 1.529
RMS 0.82
size [# of strips]

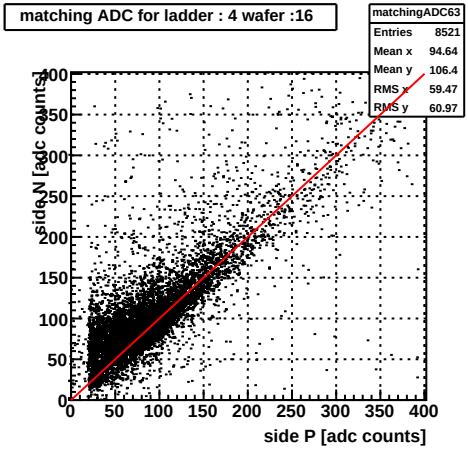

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8827
Mean x 87
Mean y 88.81
RMS x 60.62
RMS y 58.68
side N [adc counts]
side P [adc counts]

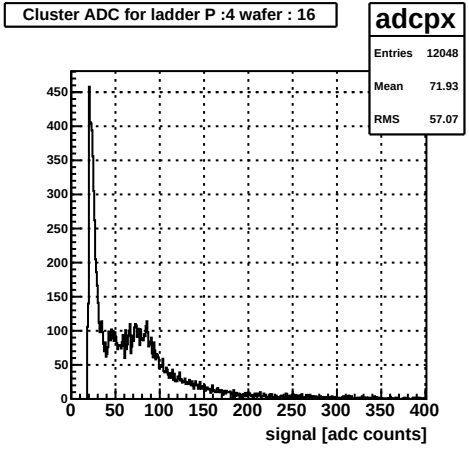

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 21501
Mean 48.62
RMS 46.96
signal [adc counts]

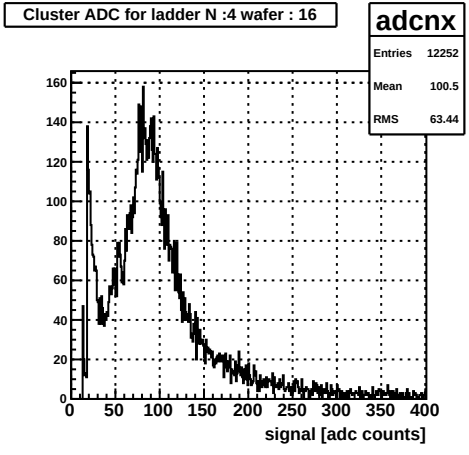

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 13552
Mean 76.65
RMS 60.35
signal [adc counts]

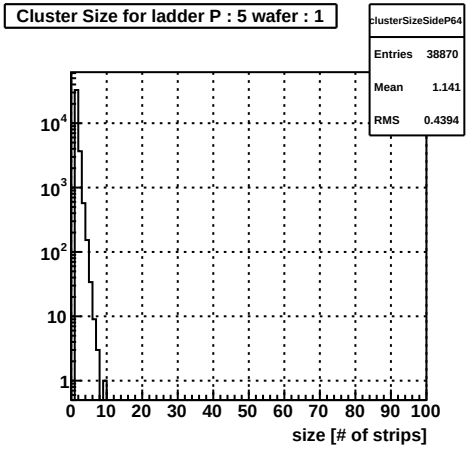

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 12048
Mean 1.319
RMS 0.6452
size [# of strips]

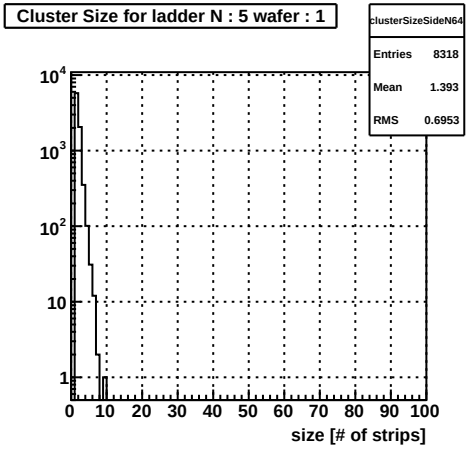

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 12252
Mean 1.71
RMS 0.8798
size [# of strips]

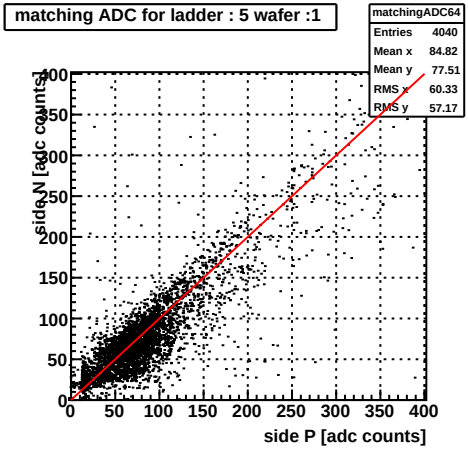

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8521
Mean x 94.64
Mean y 106.4
RMS x 59.47
RMS y 60.97
side N [adc counts]
side P [adc counts]

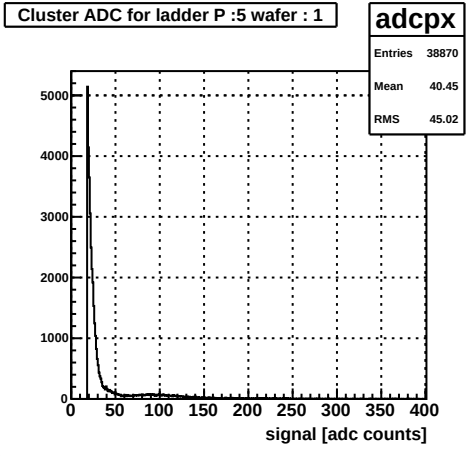

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 12048
Mean 71.93
RMS 57.07
signal [adc counts]

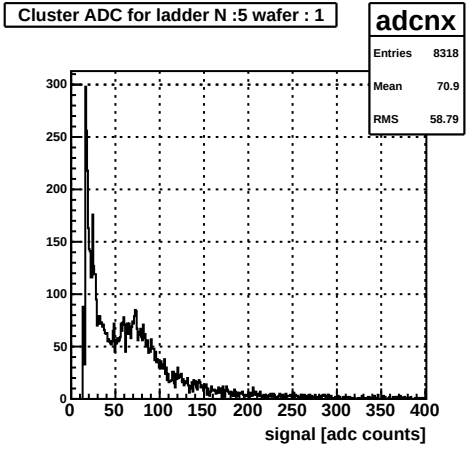

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 12252
Mean 100.5
RMS 63.44
signal [adc counts]

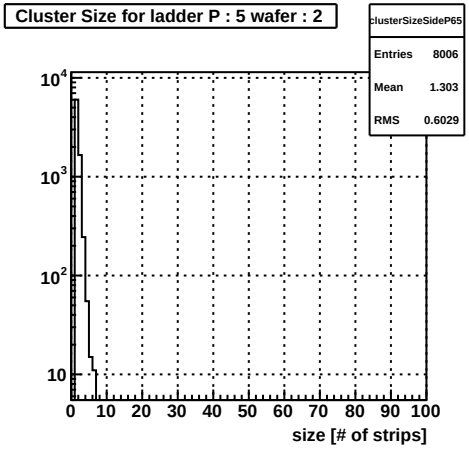

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 38870
Mean 1.141
RMS 0.4394
size [# of strips]

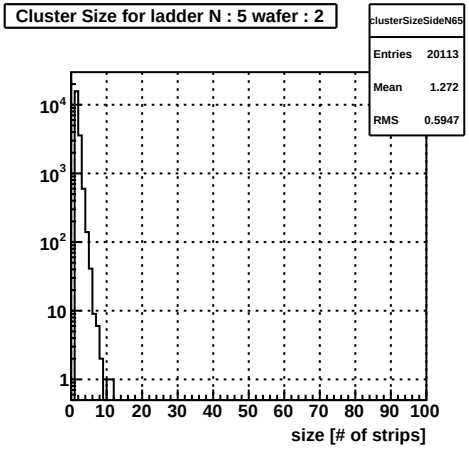

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8318
Mean 1.393
RMS 0.6953
size [# of strips]

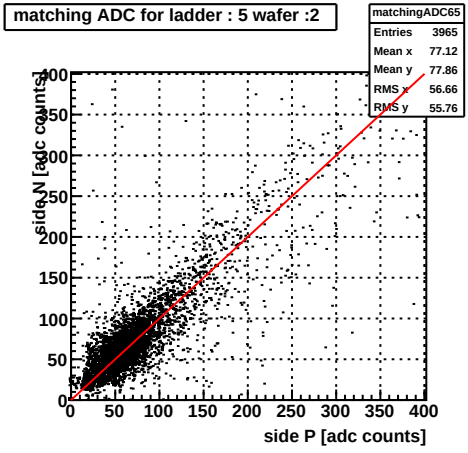

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4040
Mean x 84.82
Mean y 77.51
RMS x 60.33
RMS y 57.17
side N [adc counts]
side P [adc counts]

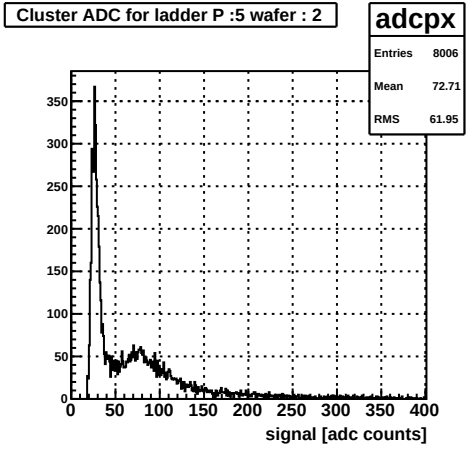

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 38870
Mean 40.45
RMS 45.02
signal [adc counts]

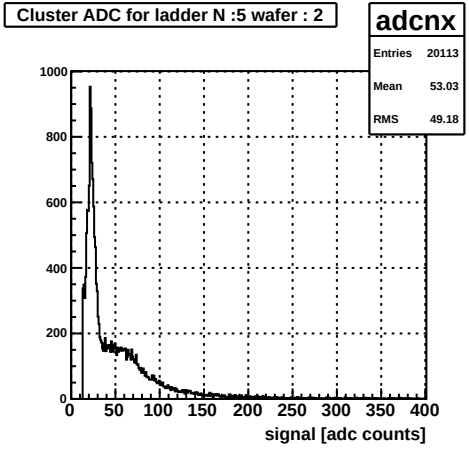

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8318
Mean 70.9
RMS 58.79
signal [adc counts]

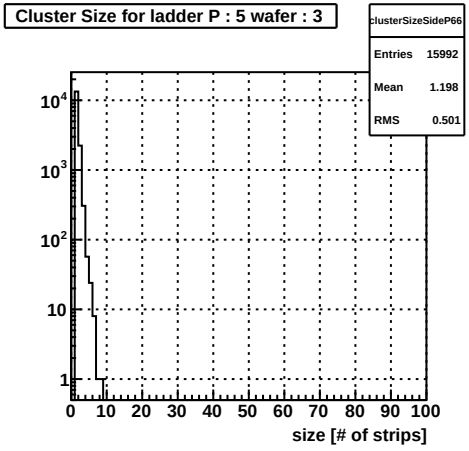

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 8006
Mean 1.303
RMS 0.6029
size [# of strips]

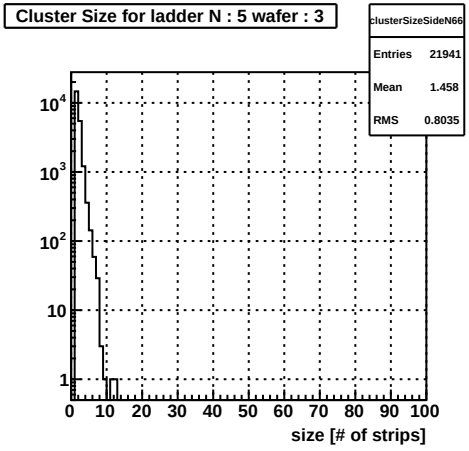

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 20113
Mean 1.272
RMS 0.5947
size [# of strips]

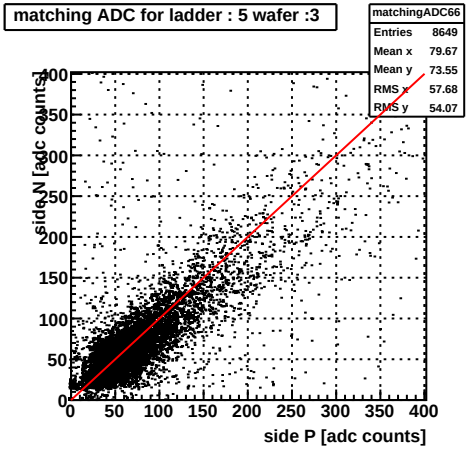

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3965
Mean x 77.12
Mean y 77.86
RMS x 56.66
RMS y 55.76
side N [adc counts]
side P [adc counts]

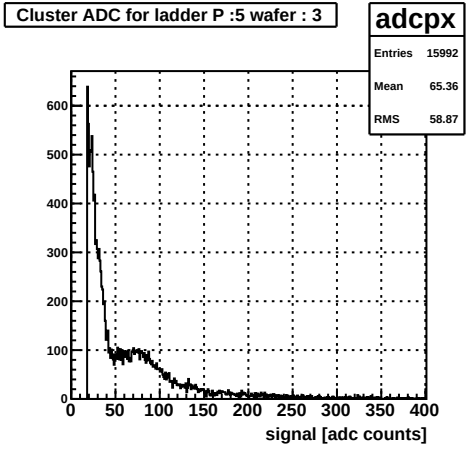

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 8006
Mean 72.71
RMS 61.95
signal [adc counts]

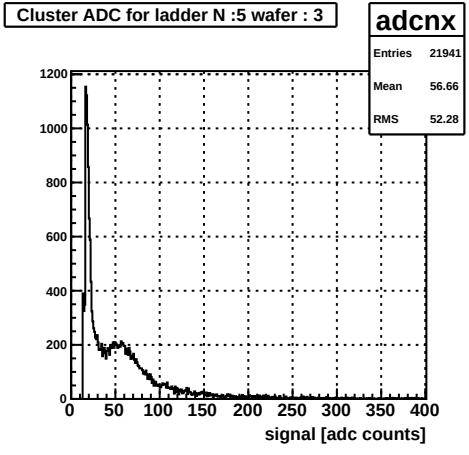

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 20113
Mean 53.03
RMS 49.18
signal [adc counts]

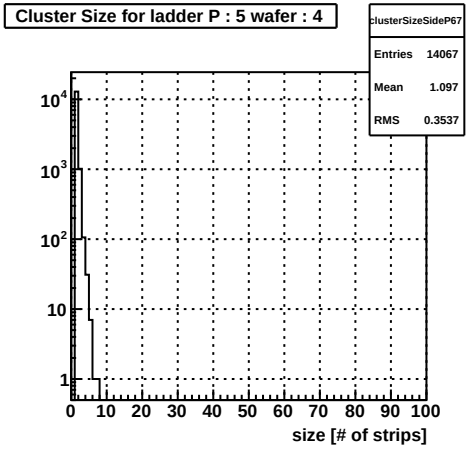

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 15992
Mean 1.198
RMS 0.501
size [# of strips]

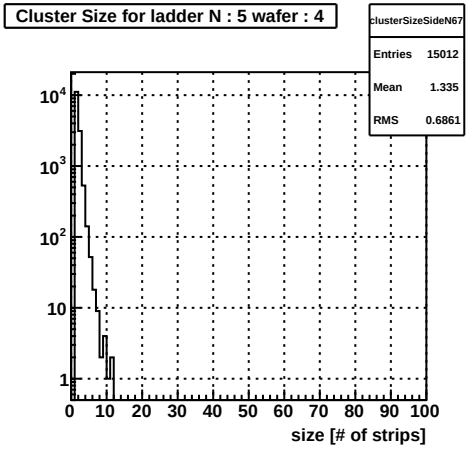

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 21941
Mean 1.458
RMS 0.8035
size [# of strips]

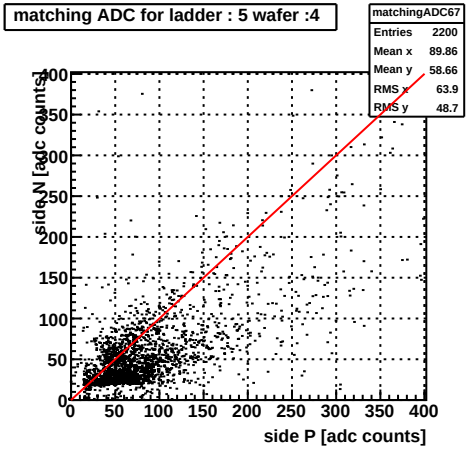

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8649
Mean x 79.67
Mean y 73.55
RMS x 57.68
RMS y 54.07
side N [adc counts]
side P [adc counts]

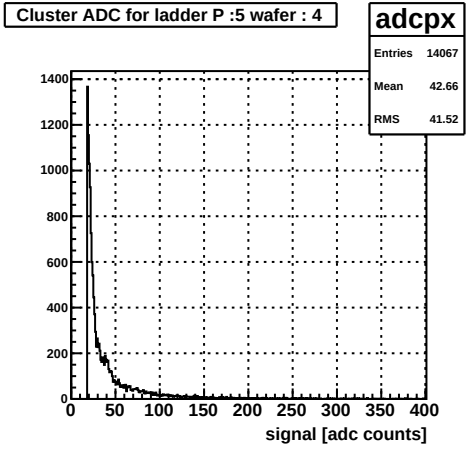

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 15992
Mean 65.36
RMS 58.87
signal [adc counts]

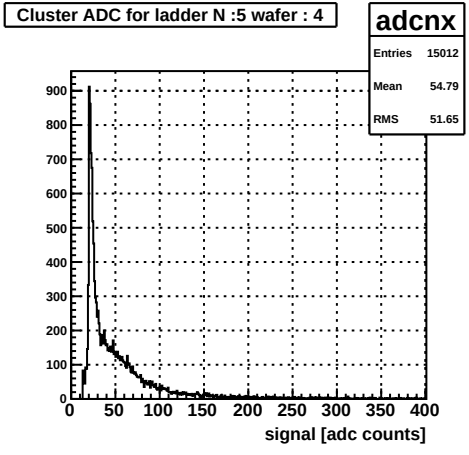

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 21941
Mean 56.66
RMS 52.28
signal [adc counts]

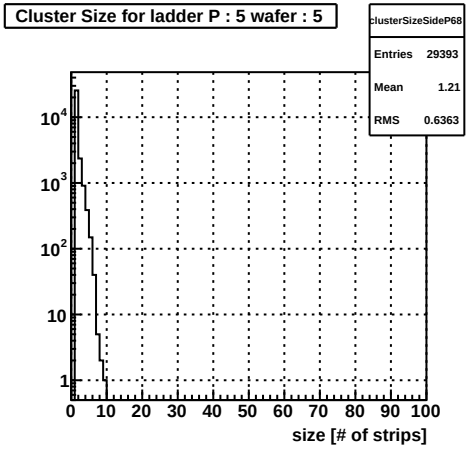

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 14067
Mean 1.097
RMS 0.3537
size [# of strips]

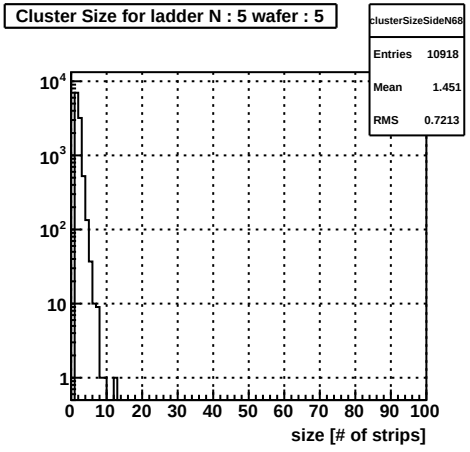

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 15012
Mean 1.335
RMS 0.6861
size [# of strips]

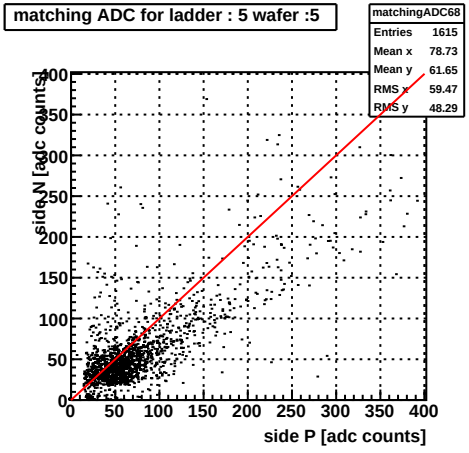

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2200
Mean x 89.86
Mean y 58.66
RMS x 63.9
RMS y 48.7
side N [adc counts]
side P [adc counts]

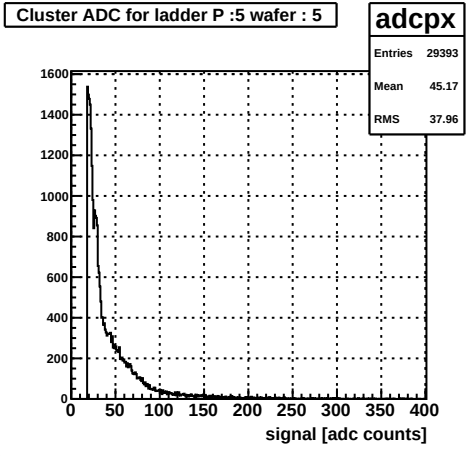

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 14067
Mean 42.66
RMS 41.52
signal [adc counts]

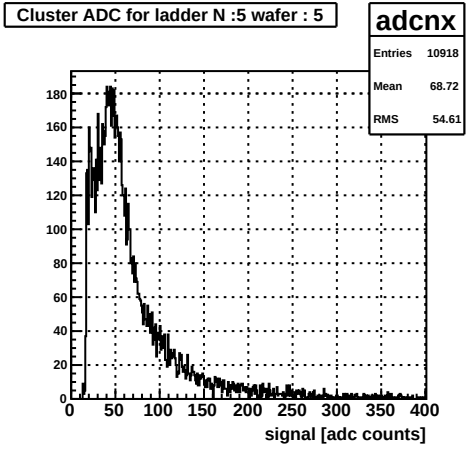

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 15012
Mean 54.79
RMS 51.65
signal [adc counts]

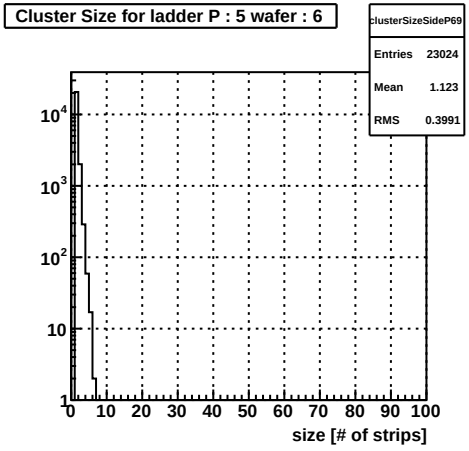

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 29393
Mean 1.21
RMS 0.6363
size [# of strips]

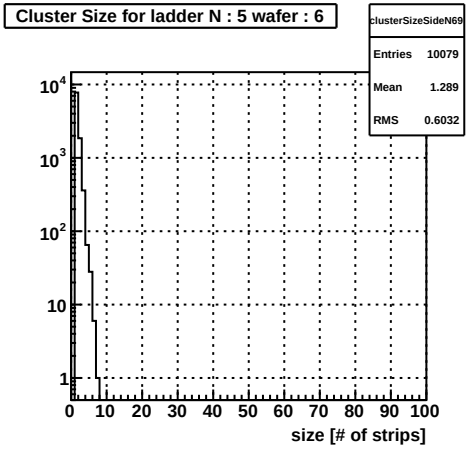

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 10918
Mean 1.451
RMS 0.7213
size [# of strips]

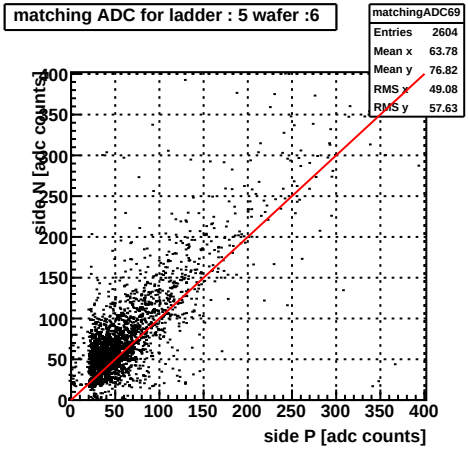

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1615
Mean x 78.73
Mean y 61.65
RMS x 59.47
RMS y 48.29
side N [adc counts]
side P [adc counts]

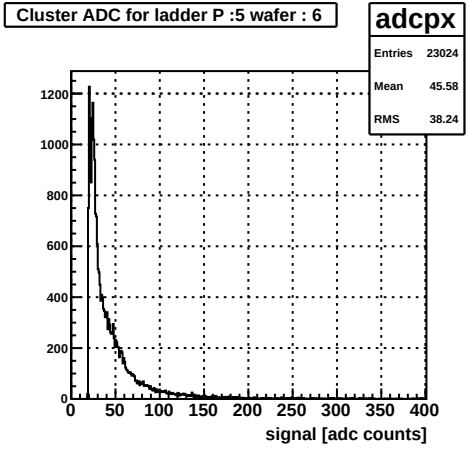

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 29393
Mean 45.17
RMS 37.96
signal [adc counts]

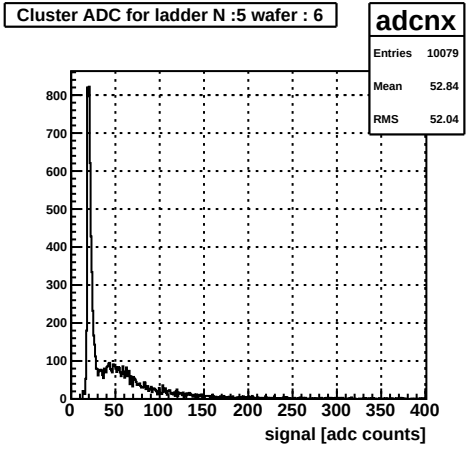

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 10918
Mean 68.72
RMS 54.61
signal [adc counts]

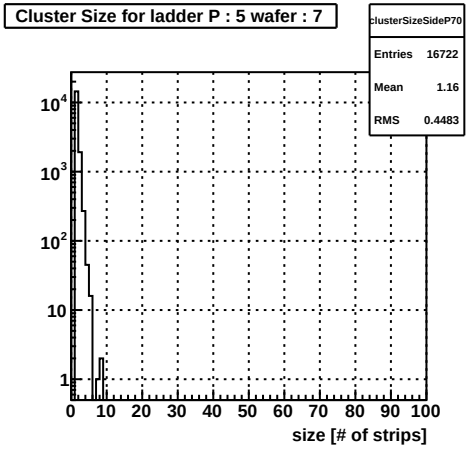

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23024
Mean 1.123
RMS 0.3991
size [# of strips]

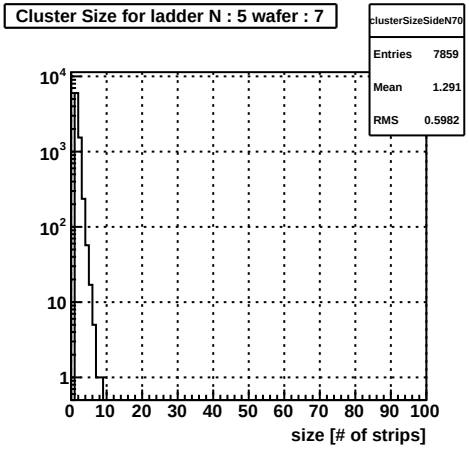

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10079
Mean 1.289
RMS 0.6032
size [# of strips]

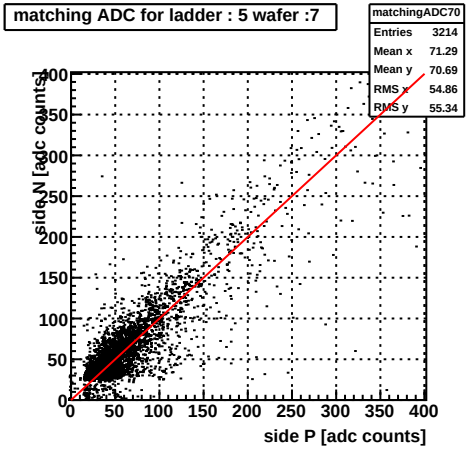

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2604
Mean x 63.78
Mean y 76.82
RMS x 49.08
RMS y 57.63
side N [adc counts]
side P [adc counts]

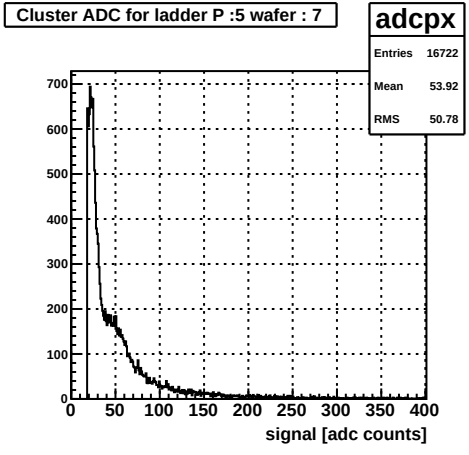

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23024
Mean 45.58
RMS 38.24
signal [adc counts]

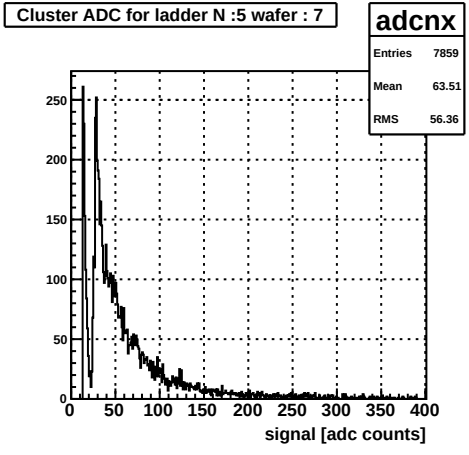

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10079
Mean 52.84
RMS 52.04
signal [adc counts]

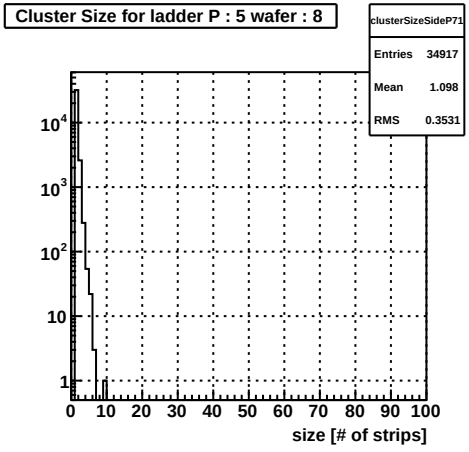

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 16722
Mean 1.16
RMS 0.4483
size [# of strips]

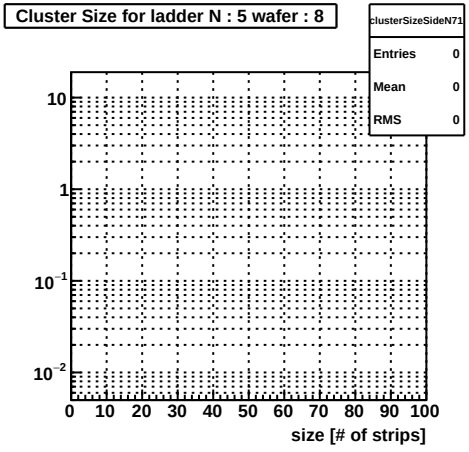

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 7859
Mean 1.291
RMS 0.5982
size [# of strips]

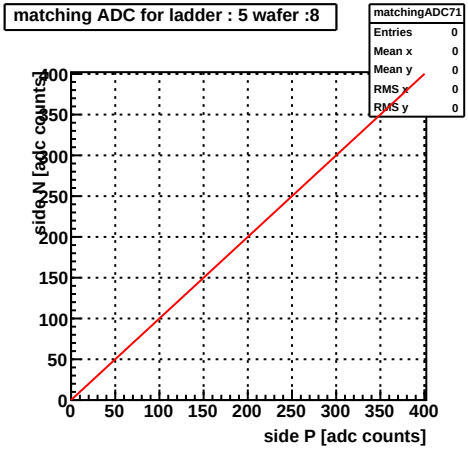

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3214
Mean x 71.29
Mean y 70.69
RMS x 54.86
RMS y 55.34
side N [adc counts]
side P [adc counts]

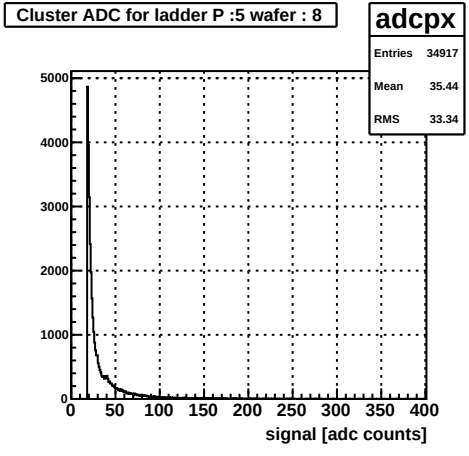

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 16722
Mean 53.92
RMS 50.78
signal [adc counts]

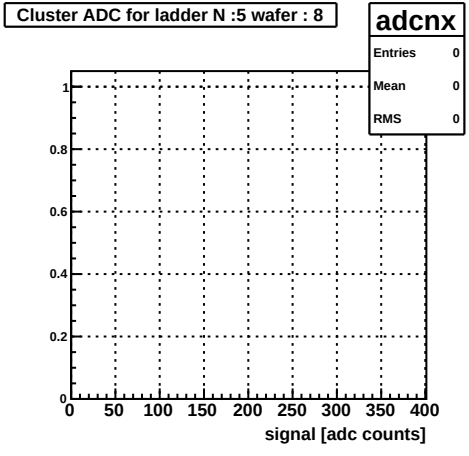

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 7859
Mean 63.51
RMS 56.36
signal [adc counts]

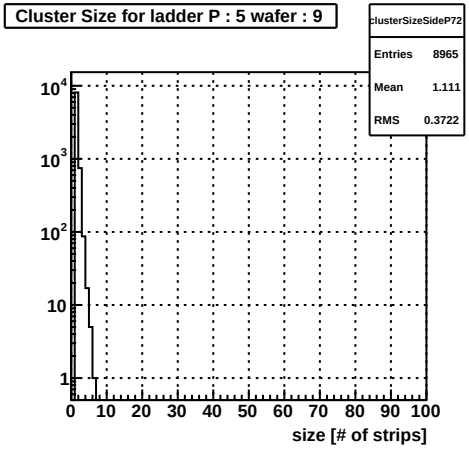

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 34917
Mean 1.098
RMS 0.3531
size [# of strips]

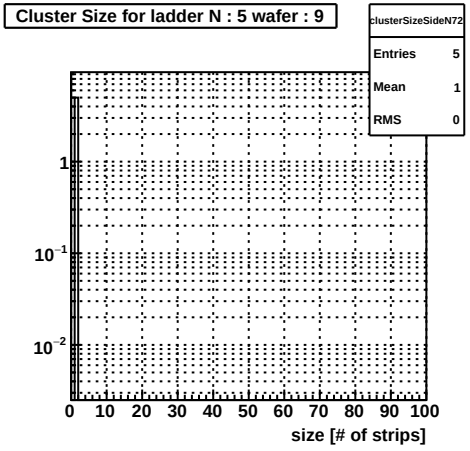

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

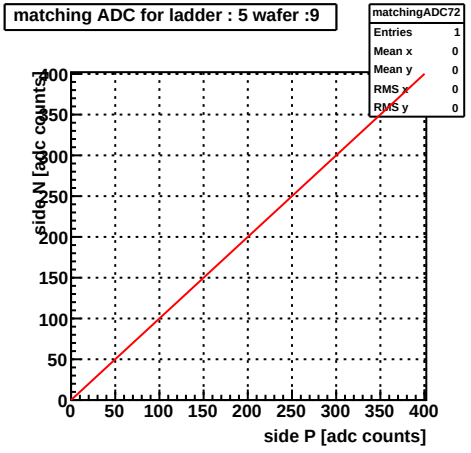

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

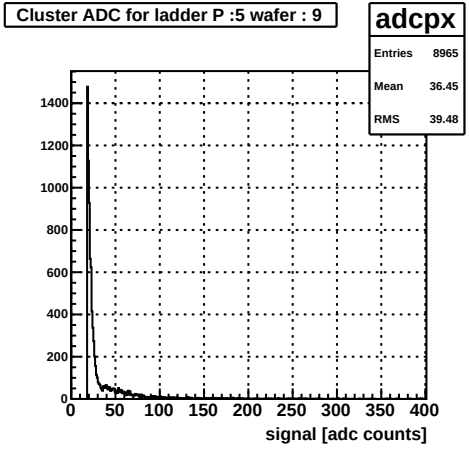

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 34917
Mean 35.44
RMS 33.34
signal [adc counts]

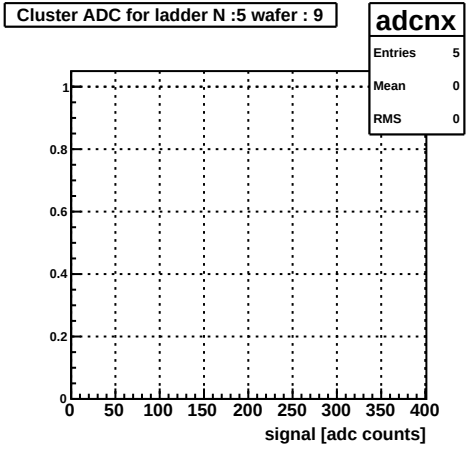

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

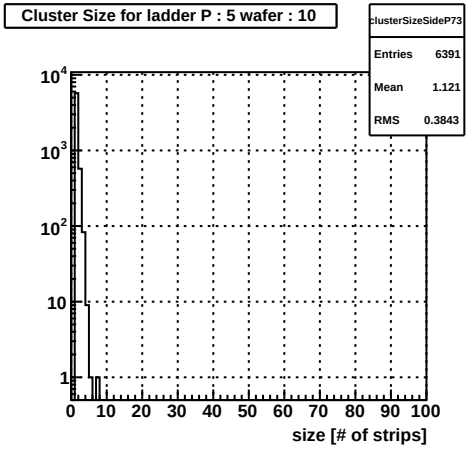

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8965
Mean 1.111
RMS 0.3722
size [# of strips]

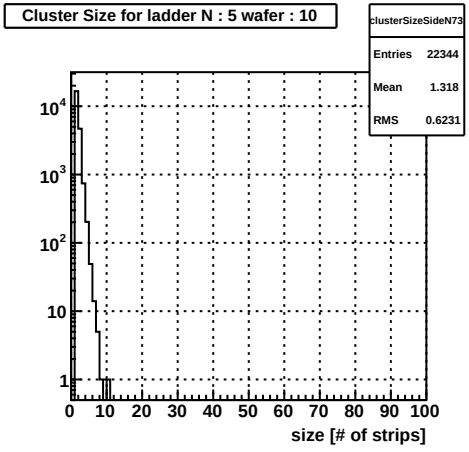

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 5
Mean 1
RMS 0
size [# of strips]

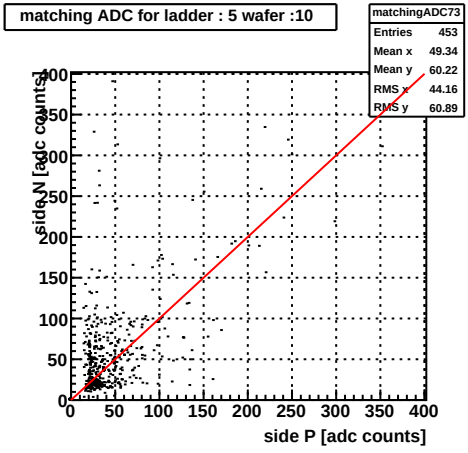

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

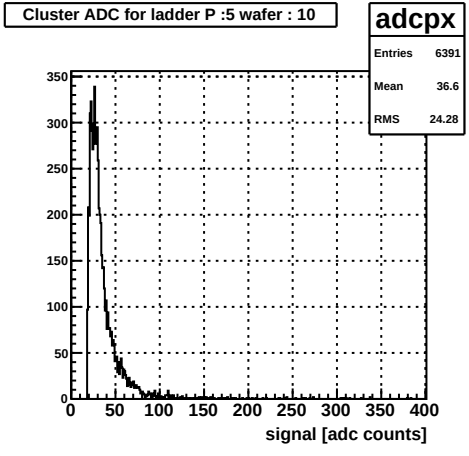

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8965
Mean 36.45
RMS 39.48
signal [adc counts]

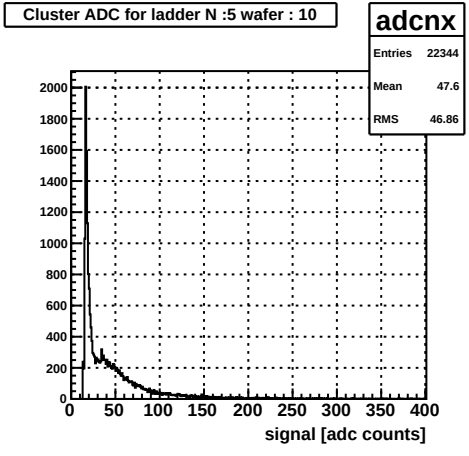

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

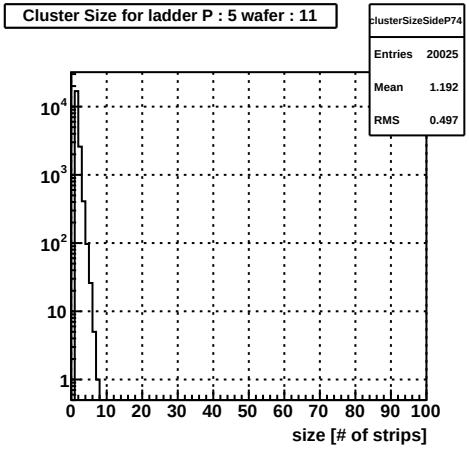

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6391
Mean 1.121
RMS 0.3843
size [# of strips]

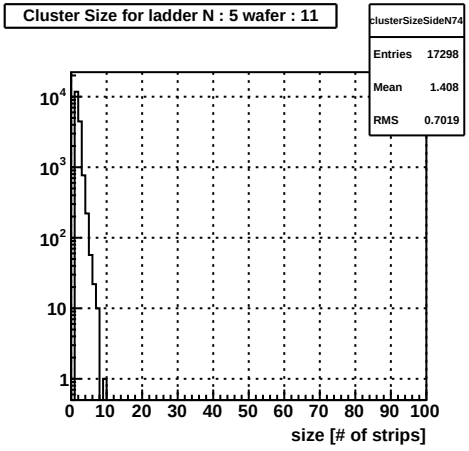

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 22344
Mean 1.318
RMS 0.6231
size [# of strips]

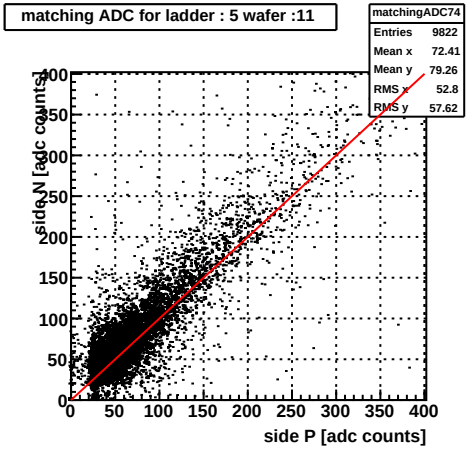

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 453
Mean x 49.34
Mean y 60.22
RMS x 44.16
RMS y 60.89
side N [adc counts]
side P [adc counts]

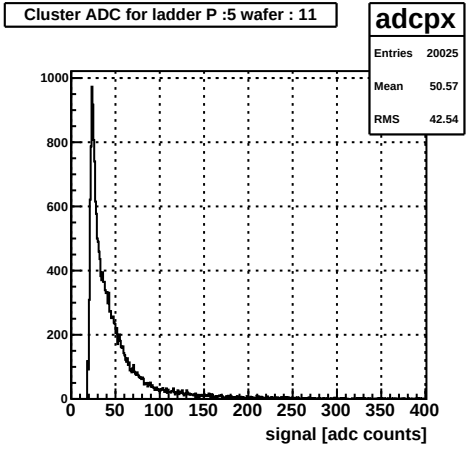

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6391
Mean 36.6
RMS 24.28
signal [adc counts]

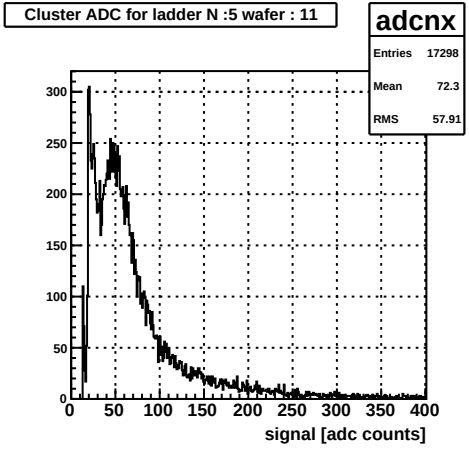

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 22344
Mean 47.6
RMS 46.86
signal [adc counts]

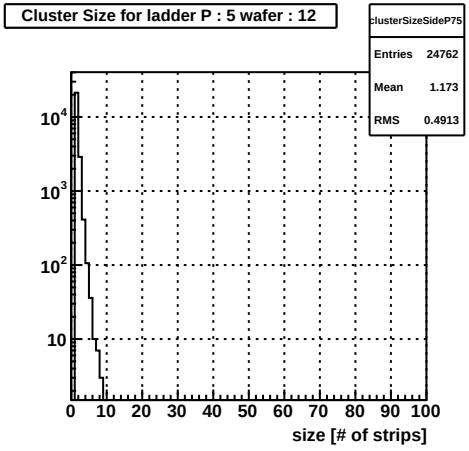

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20025
Mean 1.192
RMS 0.497
size [# of strips]

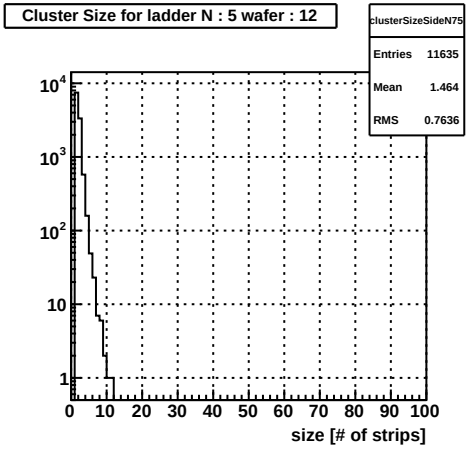

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 17298
Mean 1.408
RMS 0.7019
size [# of strips]

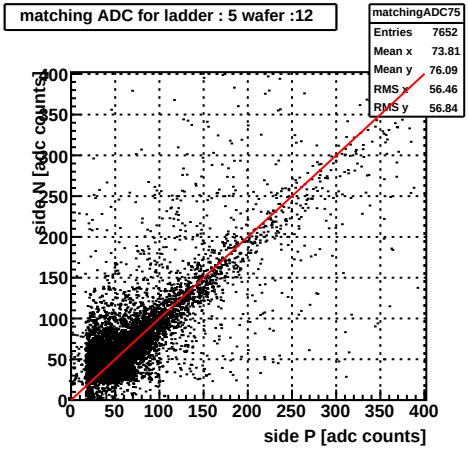

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 9822
Mean x 72.41
Mean y 79.26
RMS x 52.8
RMS y 57.62
side N [adc counts]
side P [adc counts]

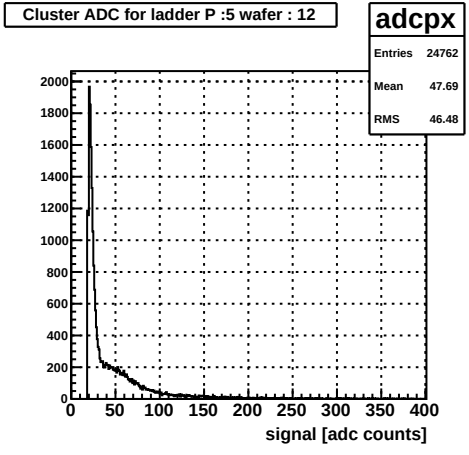

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20025
Mean 50.57
RMS 42.54
signal [adc counts]

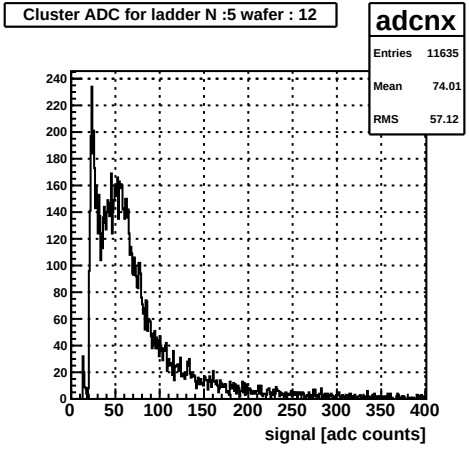

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 17298
Mean 72.3
RMS 57.91
signal [adc counts]

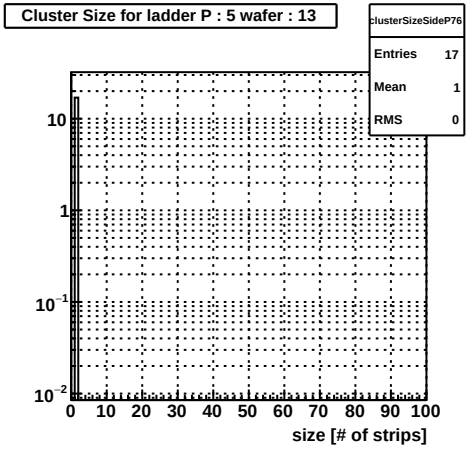

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 24762
Mean 1.173
RMS 0.4913
size [# of strips]

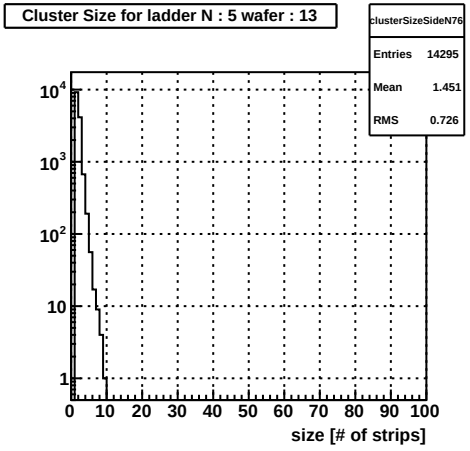

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 11635
Mean 1.464
RMS 0.7636
size [# of strips]

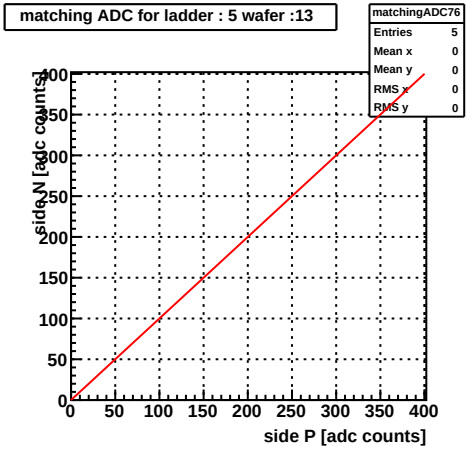

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7652
Mean x 73.81
Mean y 76.09
RMS x 56.46
RMS y 56.84
side N [adc counts]
side P [adc counts]

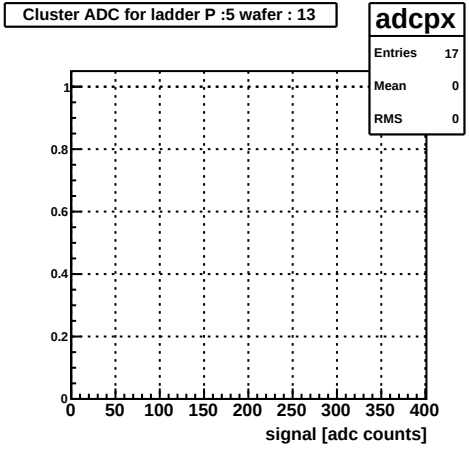

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 24762
Mean 47.69
RMS 46.48
signal [adc counts]

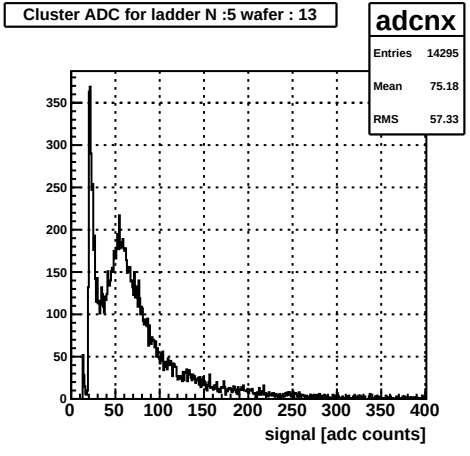

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 11635
Mean 74.01
RMS 57.12
signal [adc counts]

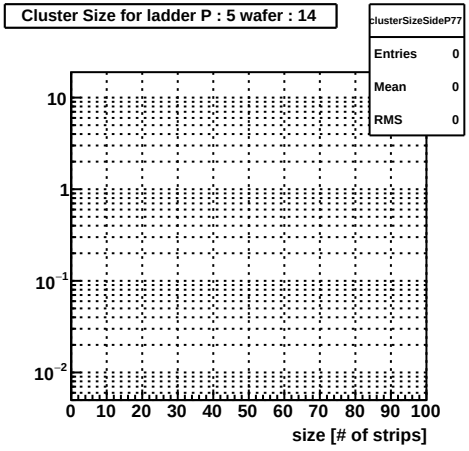

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 17
Mean 1
RMS 0
size [# of strips]

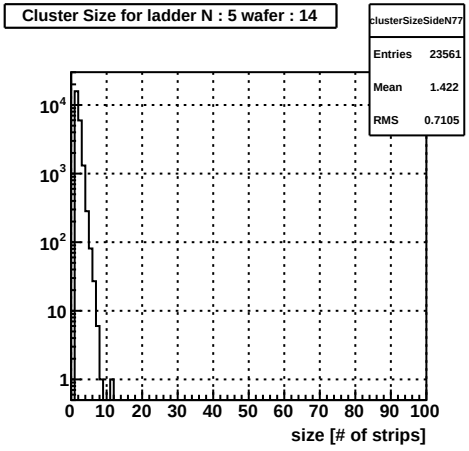

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 14295
Mean 1.451
RMS 0.726
size [# of strips]

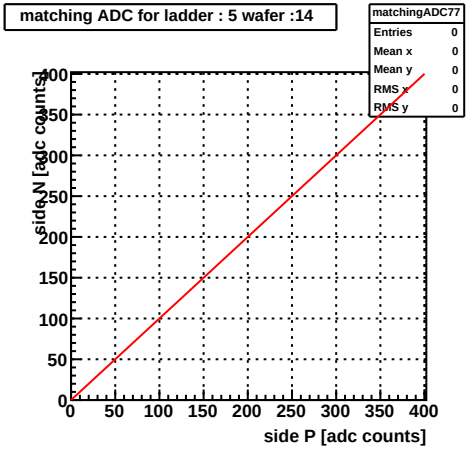

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

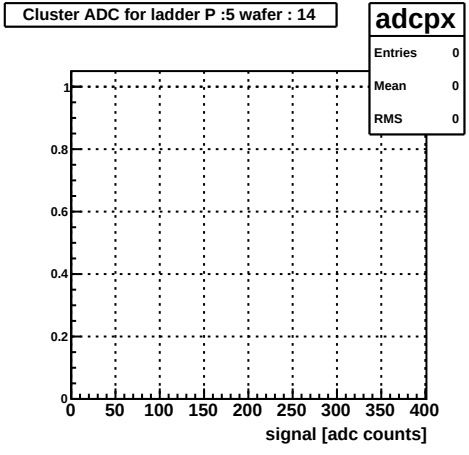

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 17
Mean 0
RMS 0
signal [adc counts]

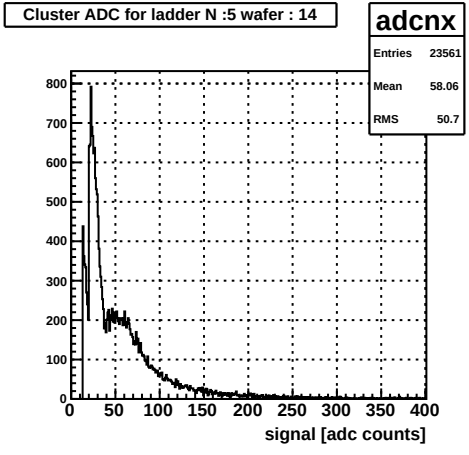

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 14295
Mean 75.18
RMS 57.33
signal [adc counts]

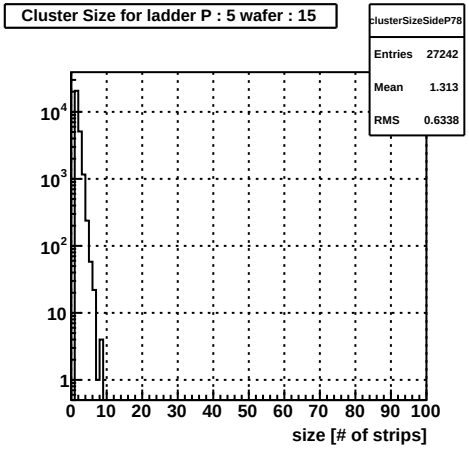

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

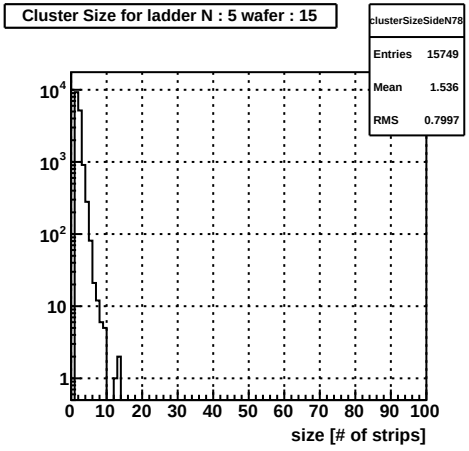

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 23561
Mean 1.422
RMS 0.7105
size [# of strips]

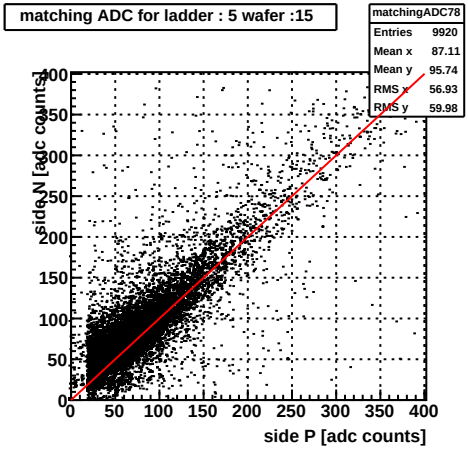

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

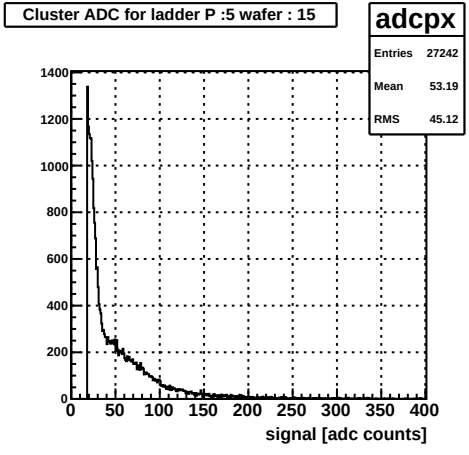

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

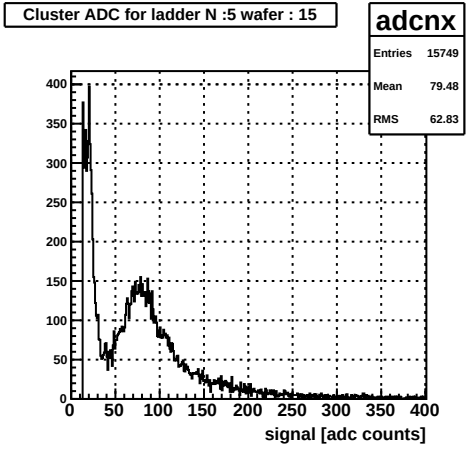

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 23561
Mean 58.06
RMS 50.7
signal [adc counts]

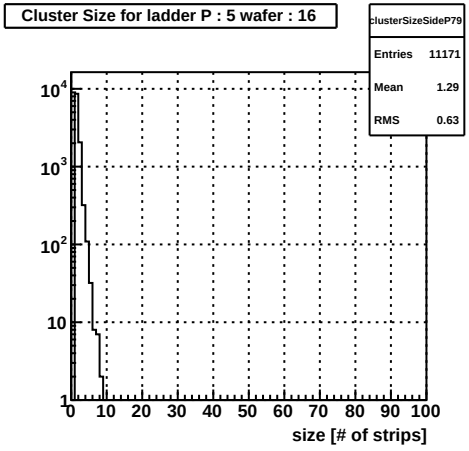

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 27242
Mean 1.313
RMS 0.6338
size [# of strips]

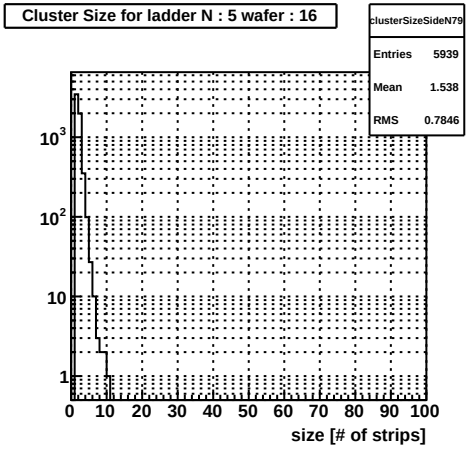

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 15749
Mean 1.536
RMS 0.7997
size [# of strips]

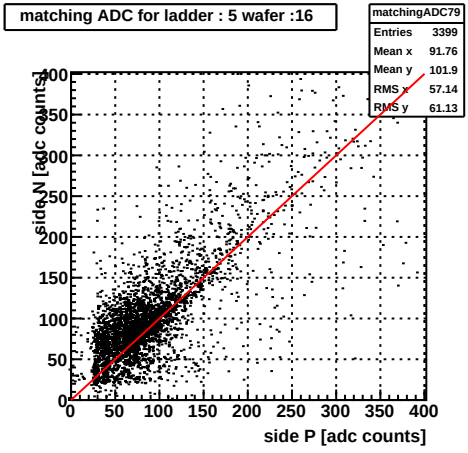

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9920
Mean x 87.11
Mean y 95.74
RMS x 56.93
RMS y 59.98
side N [adc counts]
side P [adc counts]

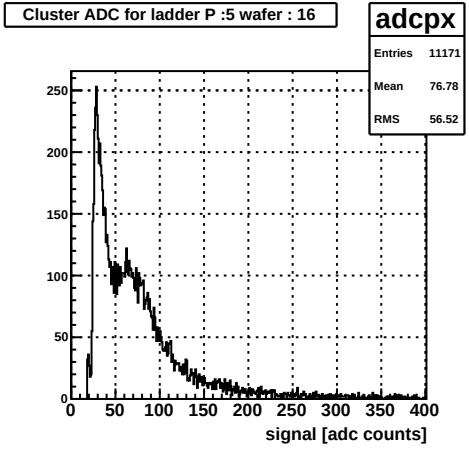

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 27242
Mean 53.19
RMS 45.12
signal [adc counts]

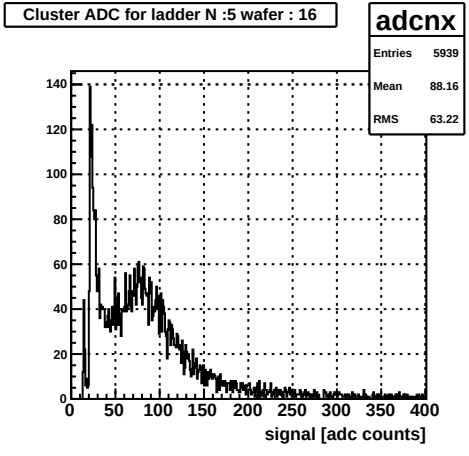

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 15749
Mean 79.48
RMS 62.83
signal [adc counts]

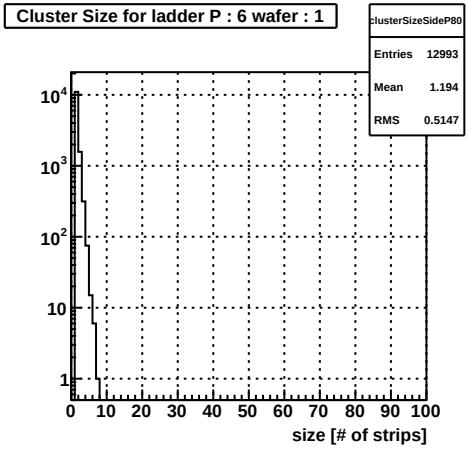

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 11171
Mean 1.29
RMS 0.63
size [# of strips]

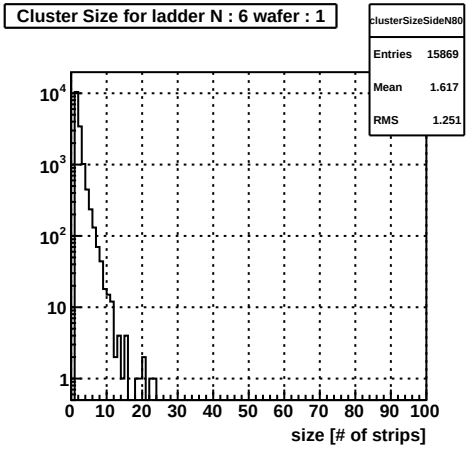

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5939
Mean 1.538
RMS 0.7846
size [# of strips]

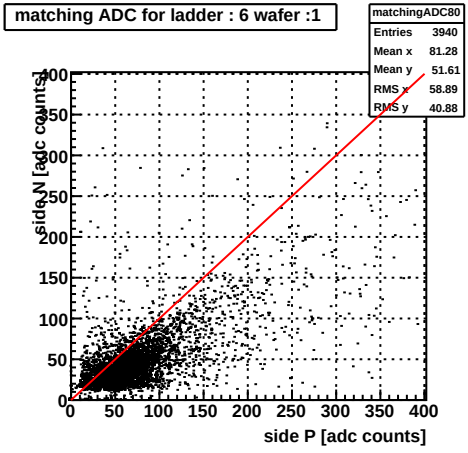

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3399
Mean x 91.76
Mean y 101.9
RMS x 57.14
RMS y 61.13
side N [adc counts]
side P [adc counts]

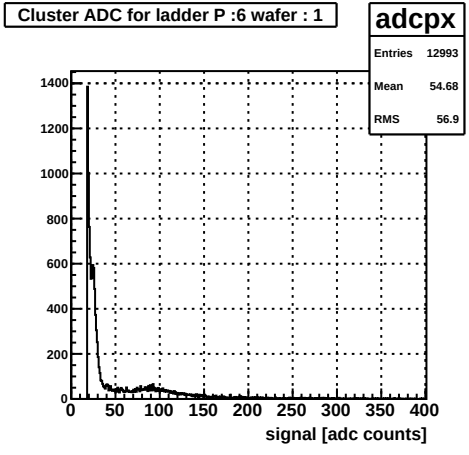

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 11171
Mean 76.78
RMS 56.52
signal [adc counts]

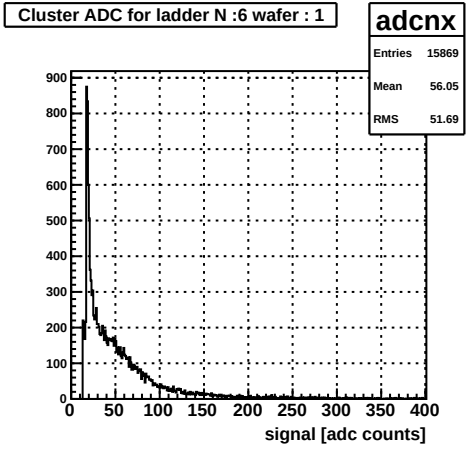

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5939
Mean 88.16
RMS 63.22
signal [adc counts]

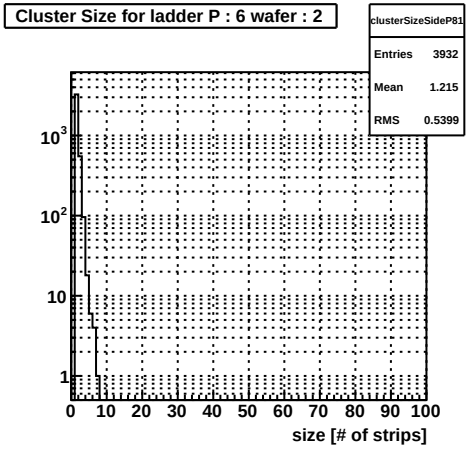

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 12993
Mean 1.194
RMS 0.5147
size [# of strips]

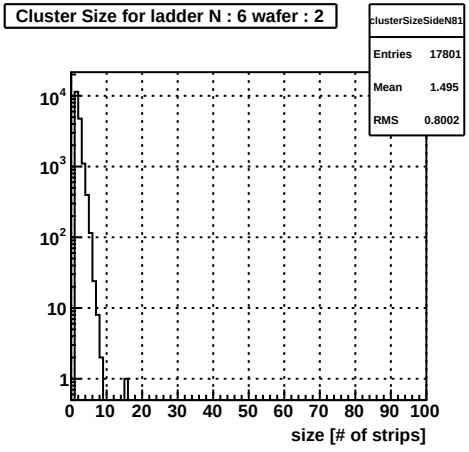

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 15869
Mean 1.617
RMS 1.251
size [# of strips]

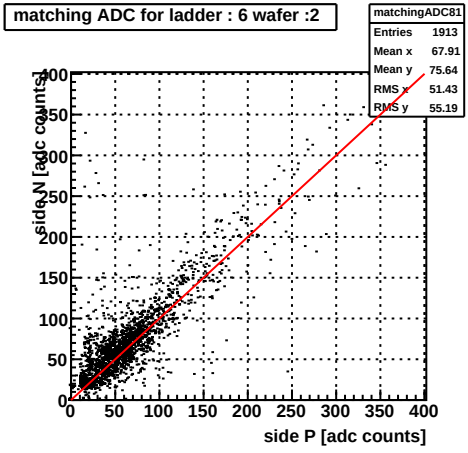

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 3940
Mean x 81.28
Mean y 51.61
RMS x 58.89
RMS y 40.88
side N [adc counts]
side P [adc counts]

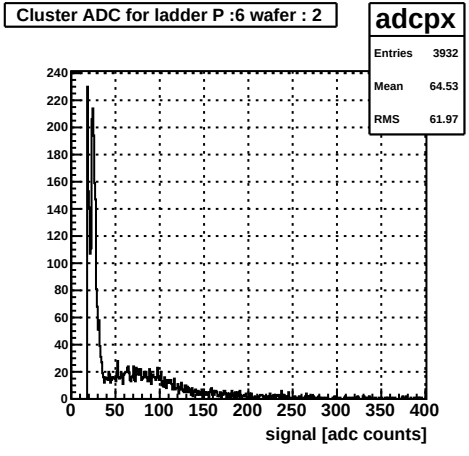

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 12993
Mean 54.68
RMS 56.9
signal [adc counts]

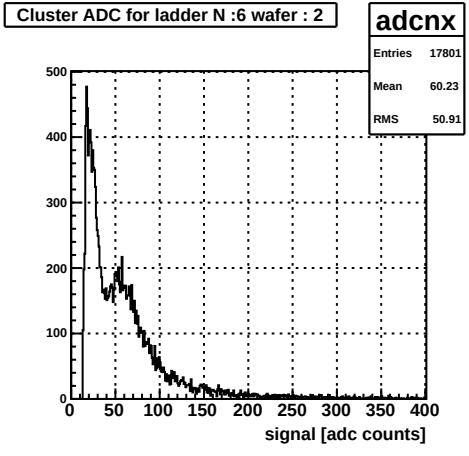

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 15869
Mean 56.05
RMS 51.69
signal [adc counts]

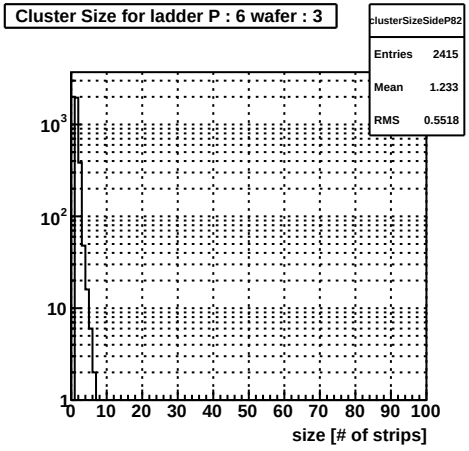

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3932
Mean 1.215
RMS 0.5399
size [# of strips]

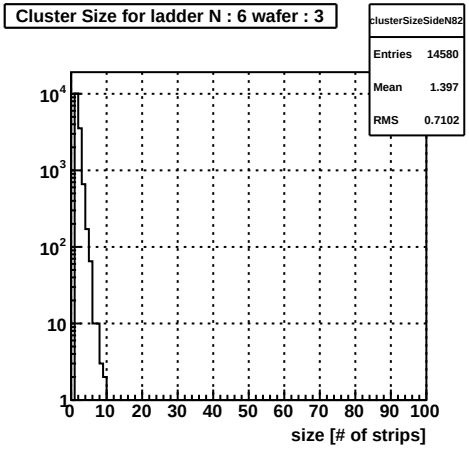

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 17801
Mean 1.495
RMS 0.8002
size [# of strips]

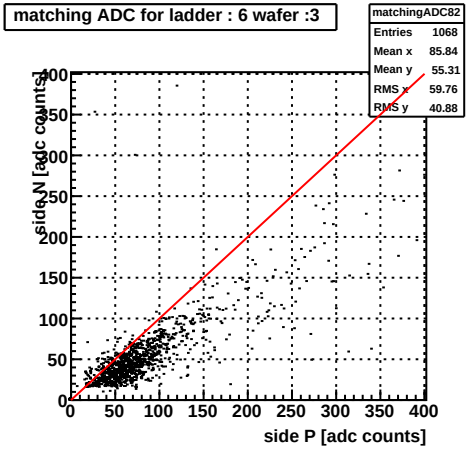

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1913
Mean x 67.91
Mean y 75.64
RMS x 51.43
RMS y 55.19
side N [adc counts]
side P [adc counts]

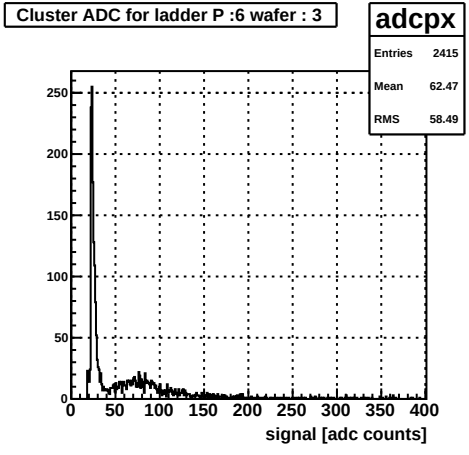

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3932
Mean 64.53
RMS 61.97
signal [adc counts]

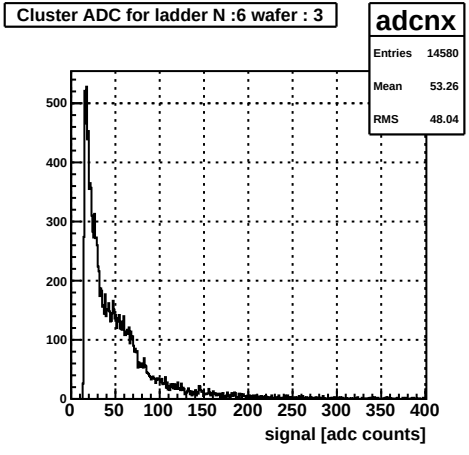

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 17801
Mean 60.23
RMS 50.91
signal [adc counts]

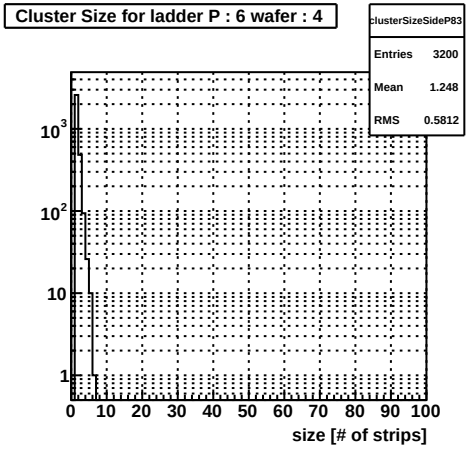

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2415
Mean 1.233
RMS 0.5518
size [# of strips]

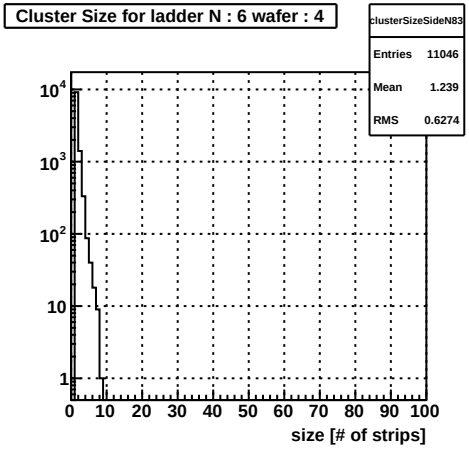

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 14580
Mean 1.397
RMS 0.7102
size [# of strips]

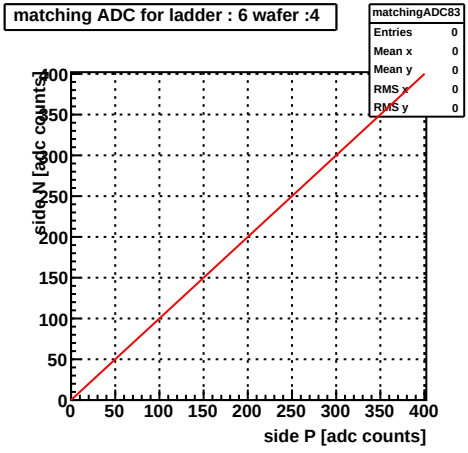

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1068
Mean x 85.84
Mean y 55.31
RMS x 59.76
RMS y 40.88
side N [adc counts]
side P [adc counts]

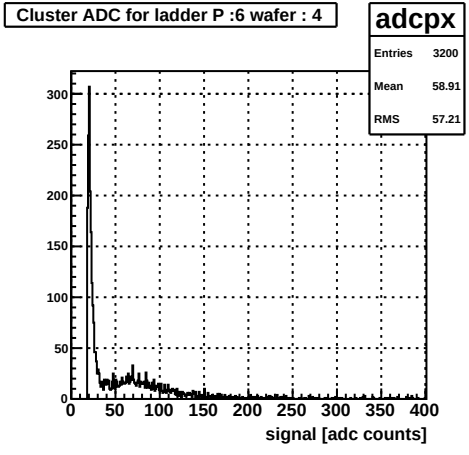

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2415
Mean 62.47
RMS 58.49
signal [adc counts]

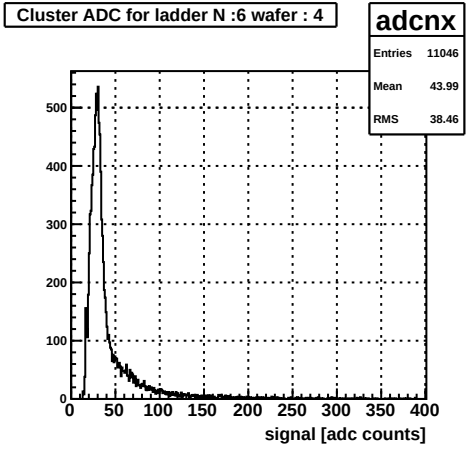

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 14580
Mean 53.26
RMS 48.04
signal [adc counts]

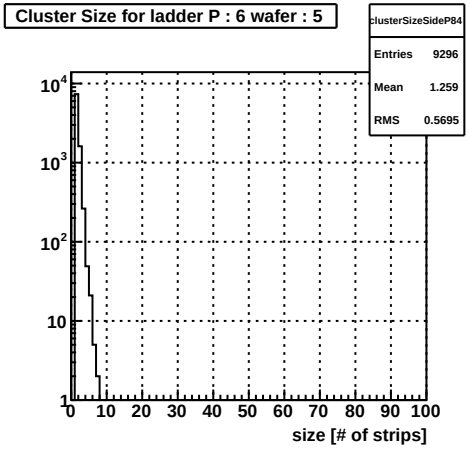

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3200
Mean 1.248
RMS 0.5812
size [# of strips]

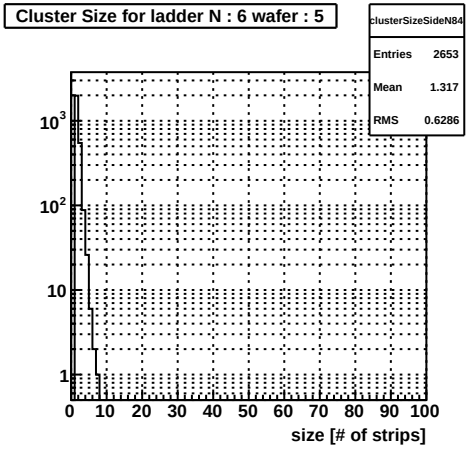

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 11046
Mean 1.239
RMS 0.6274
size [# of strips]

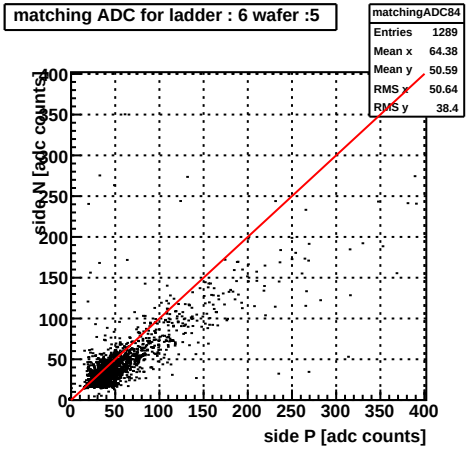

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

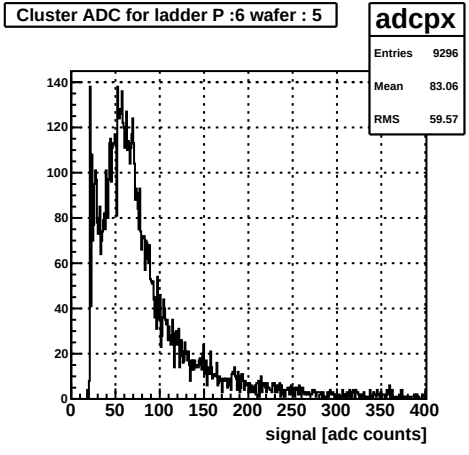

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3200
Mean 58.91
RMS 57.21
signal [adc counts]

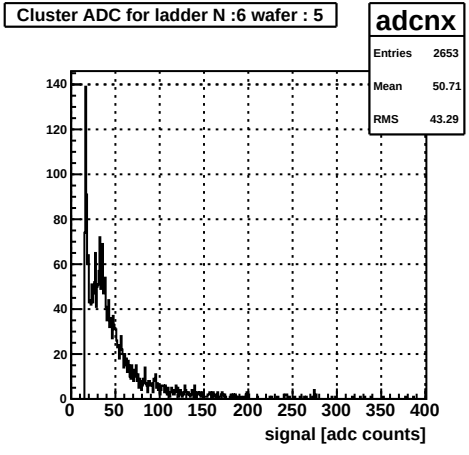

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 11046
Mean 43.99
RMS 38.46
signal [adc counts]

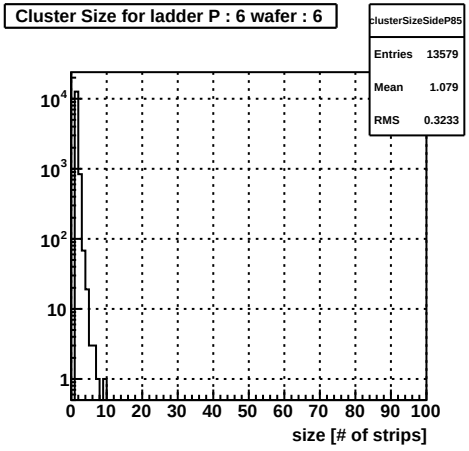

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 9296
Mean 1.259
RMS 0.5695
size [# of strips]

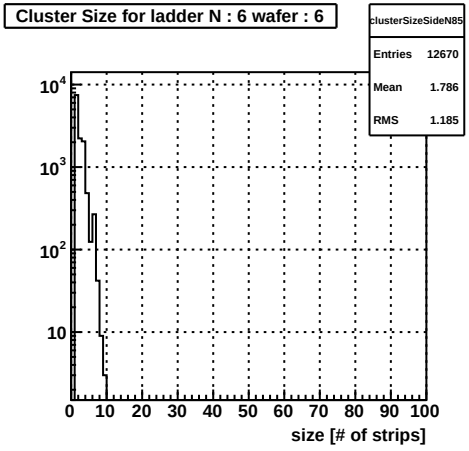

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2653
Mean 1.317
RMS 0.6286
size [# of strips]

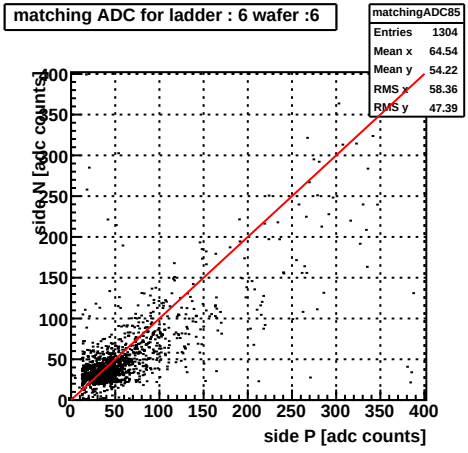

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1289
Mean x 64.38
Mean y 50.59
RMS x 50.64
RMS y 38.4
side N [adc counts]
side P [adc counts]

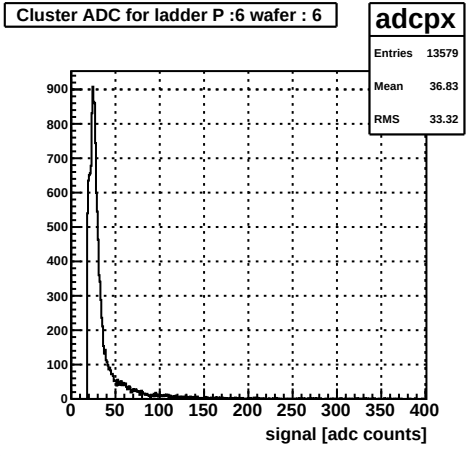

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 9296
Mean 83.06
RMS 59.57
signal [adc counts]

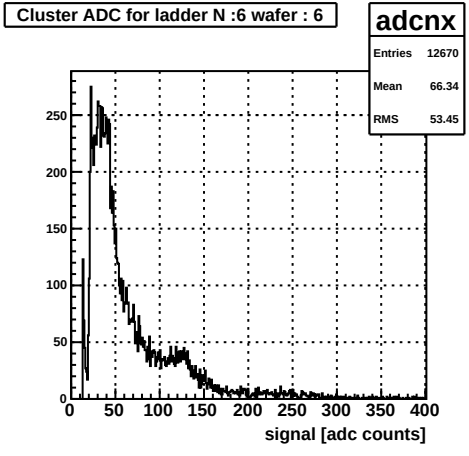

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2653
Mean 50.71
RMS 43.29
signal [adc counts]

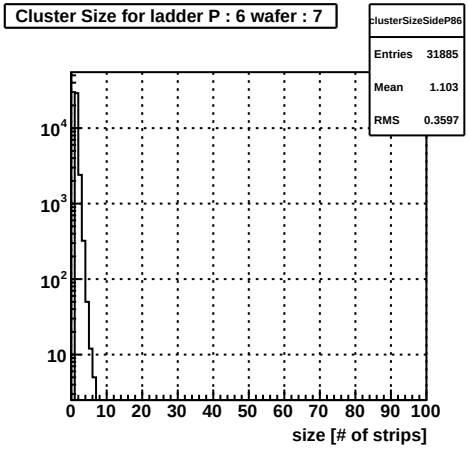

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13579
Mean 1.079
RMS 0.3233
size [# of strips]

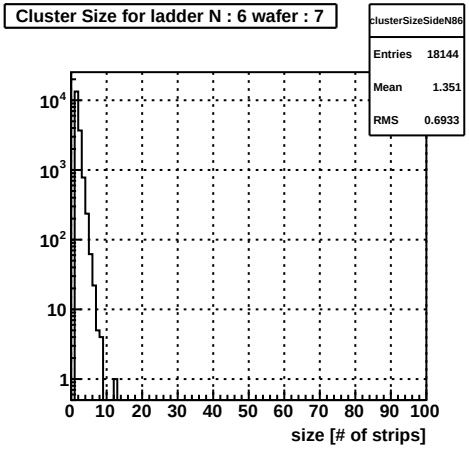

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 12670
Mean 1.786
RMS 1.185
size [# of strips]

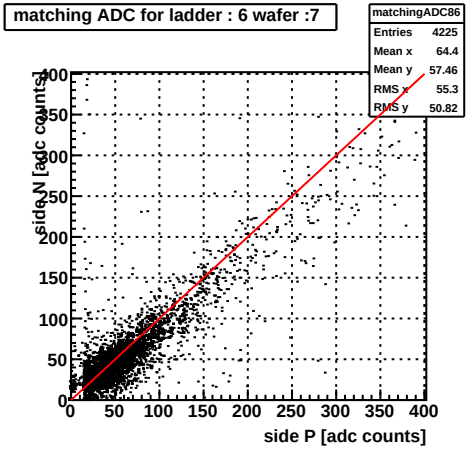

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1304
Mean x 64.54
Mean y 54.22
RMS x 58.36
RMS y 47.39
side N [adc counts]
side P [adc counts]

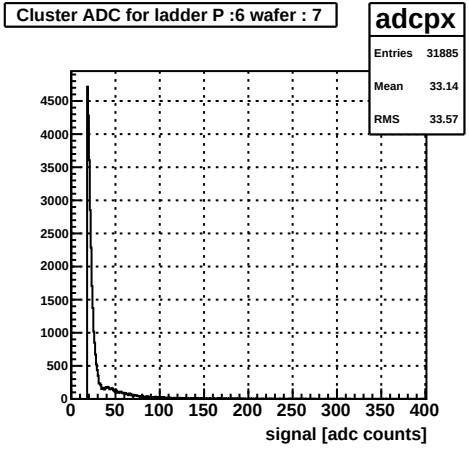

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13579
Mean 36.83
RMS 33.32
signal [adc counts]

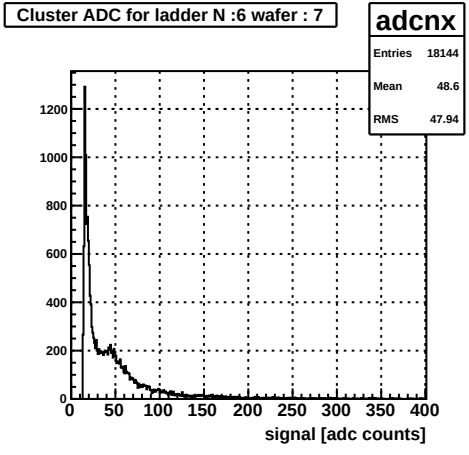

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 12670
Mean 66.34
RMS 53.45
signal [adc counts]

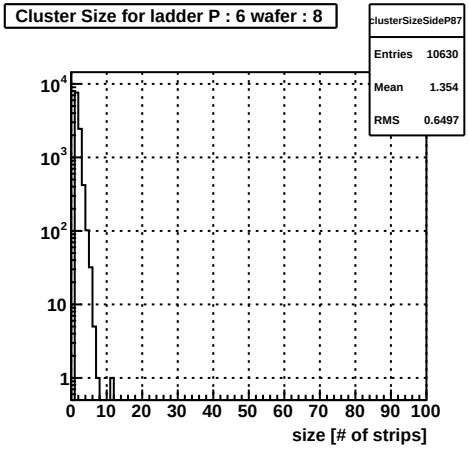

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 31885
Mean 1.103
RMS 0.3597
size [# of strips]

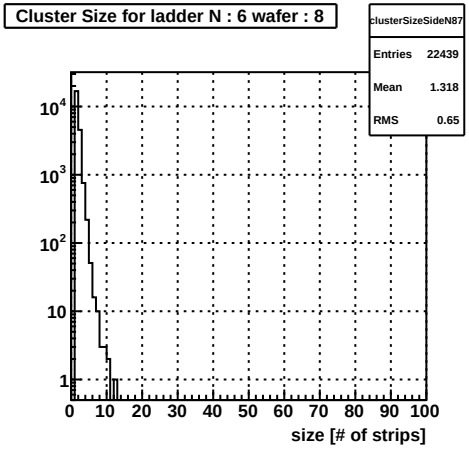

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 18144
Mean 1.351
RMS 0.6933
size [# of strips]

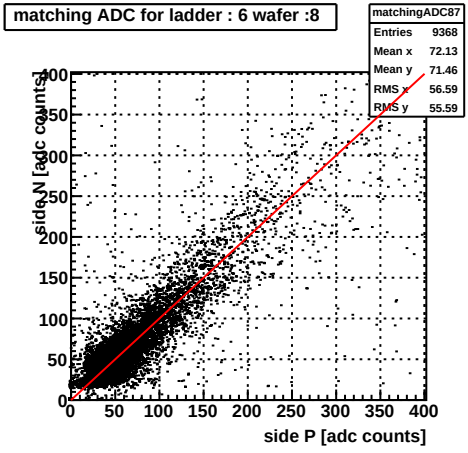

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4225
Mean x 64.4
Mean y 57.46
RMS x 55.3
RMS y 50.82
side N [adc counts]
side P [adc counts]

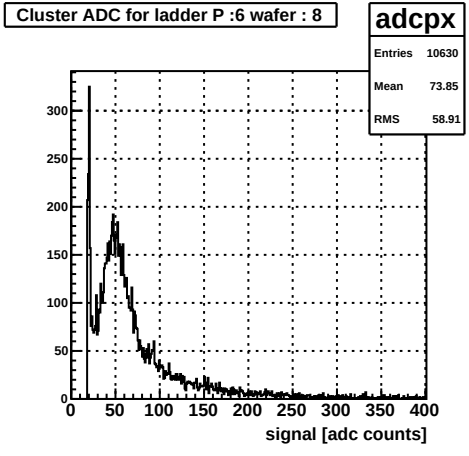

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 31885
Mean 33.14
RMS 33.57
signal [adc counts]

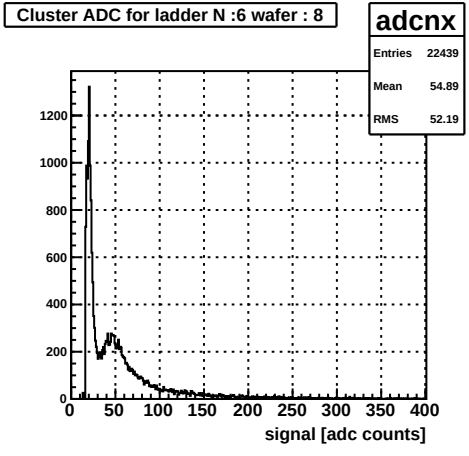

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 18144
Mean 48.6
RMS 47.94
signal [adc counts]

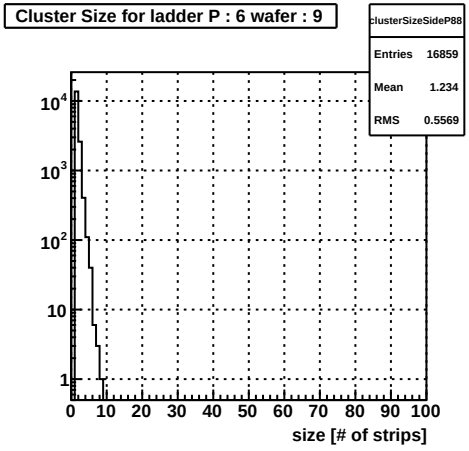

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 10630
Mean 1.354
RMS 0.6497
size [# of strips]

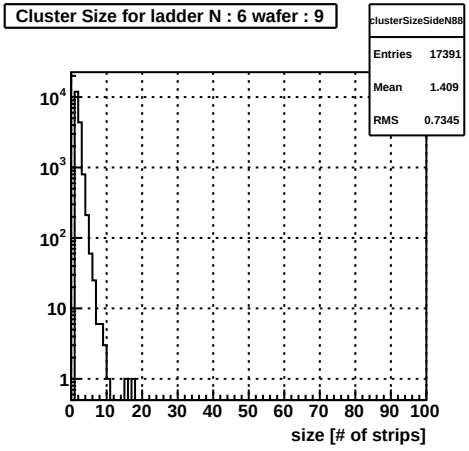

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 22439
Mean 1.318
RMS 0.65
size [# of strips]

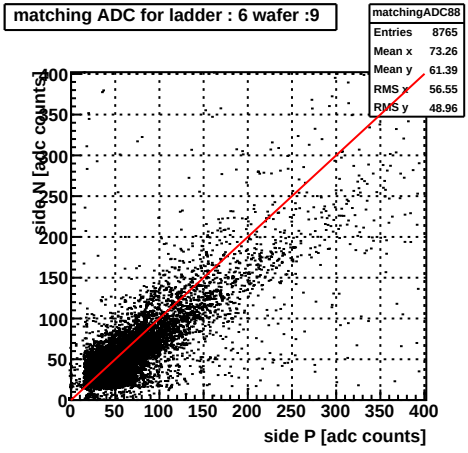

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 9368
Mean x 72.13
Mean y 71.46
RMS x 56.59
RMS y 55.59
side N [adc counts]
side P [adc counts]

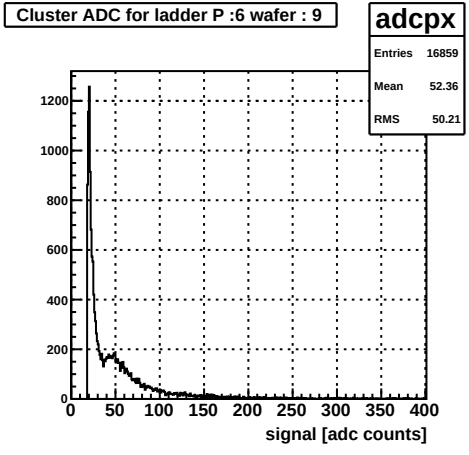

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 10630
Mean 73.85
RMS 58.91
signal [adc counts]

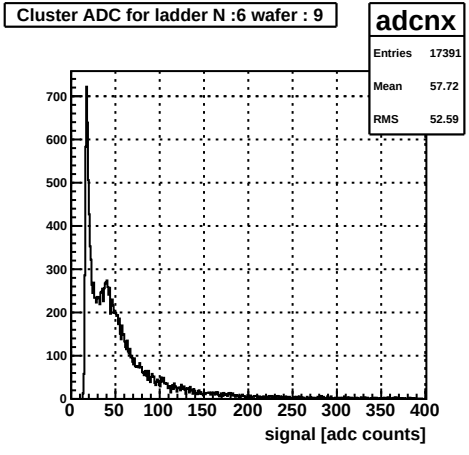

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 22439
Mean 54.89
RMS 52.19
signal [adc counts]

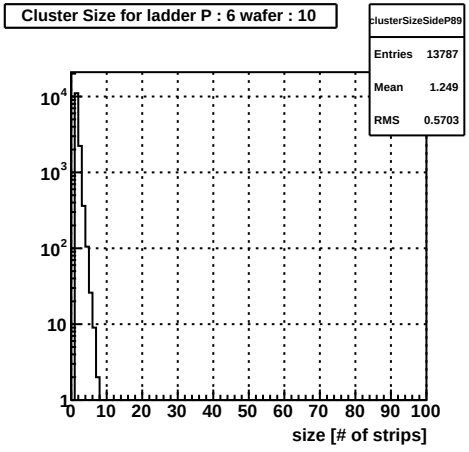

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 16859
Mean 1.234
RMS 0.5569
size [# of strips]

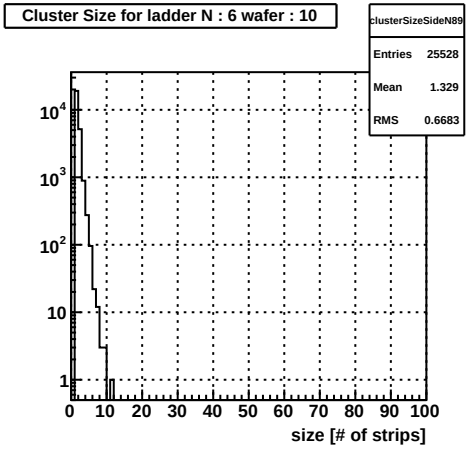

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17391
Mean 1.409
RMS 0.7345
size [# of strips]

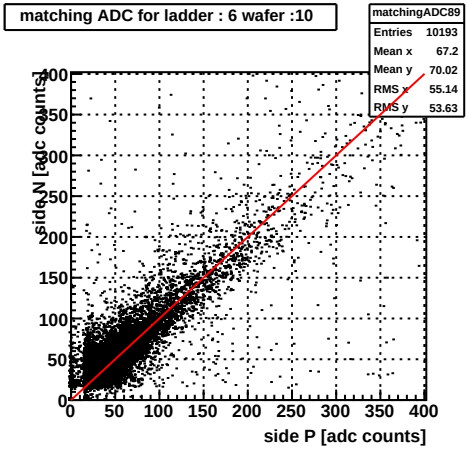

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 8765
Mean x 73.26
Mean y 61.39
RMS x 56.55
RMS y 48.96
side N [adc counts]
side P [adc counts]

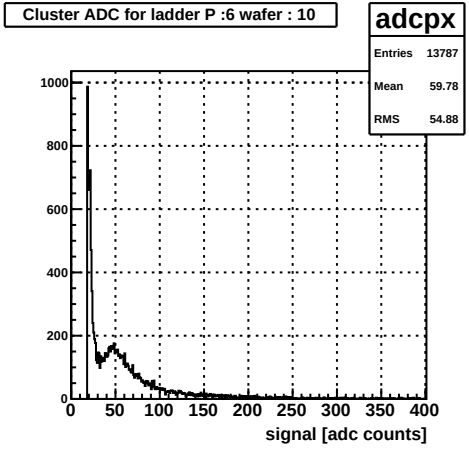

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 16859
Mean 52.36
RMS 50.21
signal [adc counts]

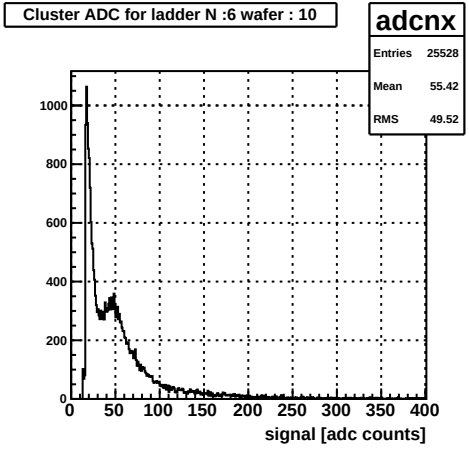

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17391
Mean 57.72
RMS 52.59
signal [adc counts]

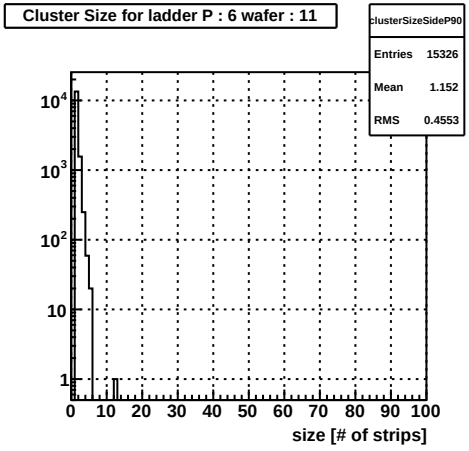

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 13787
Mean 1.249
RMS 0.5703
size [# of strips]

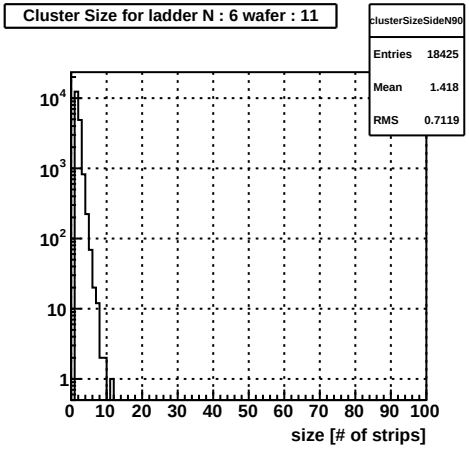

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 25528
Mean 1.329
RMS 0.6683
size [# of strips]

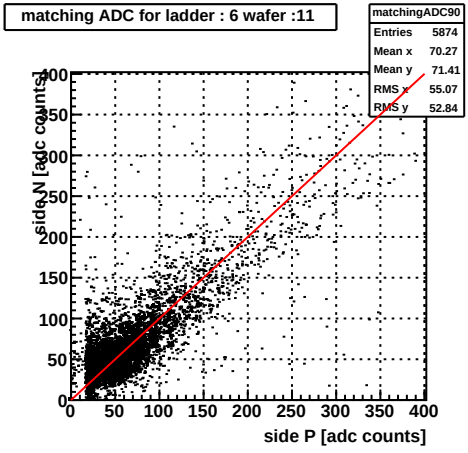

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 10193
Mean x 67.2
Mean y 70.02
RMS x 55.14
RMS y 53.63
side N [adc counts]
side P [adc counts]

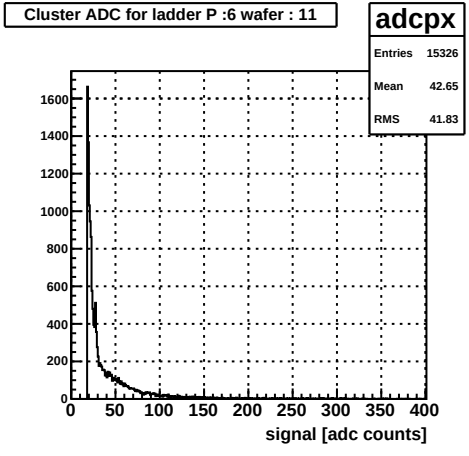

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 13787
Mean 59.78
RMS 54.88
signal [adc counts]

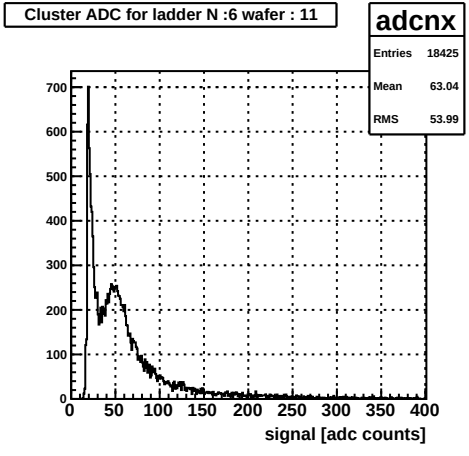

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 25528
Mean 55.42
RMS 49.52
signal [adc counts]

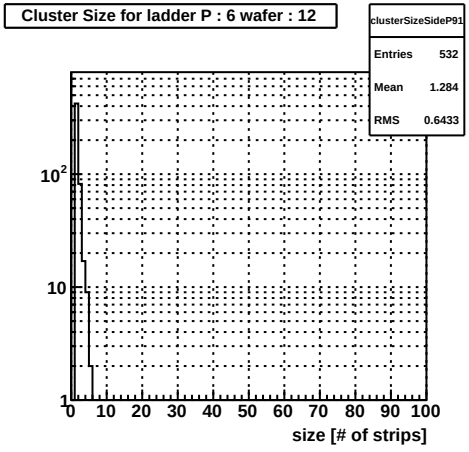

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15326
Mean 1.152
RMS 0.4553
size [# of strips]

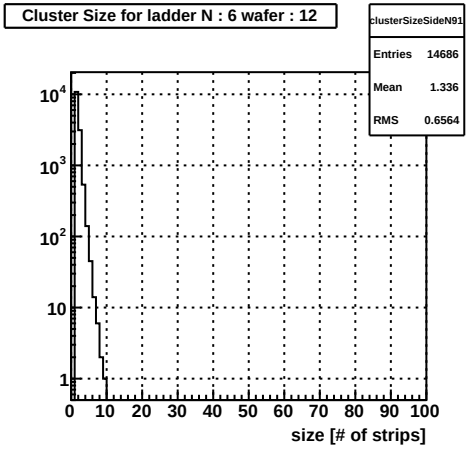

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18425
Mean 1.418
RMS 0.7119
size [# of strips]

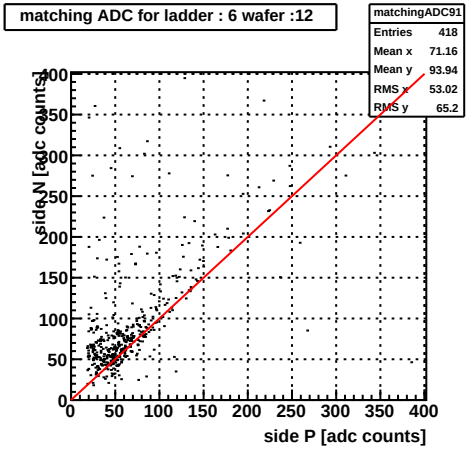

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5874
Mean x 70.27
Mean y 71.41
RMS x 55.07
RMS y 52.84
side N [adc counts]
side P [adc counts]

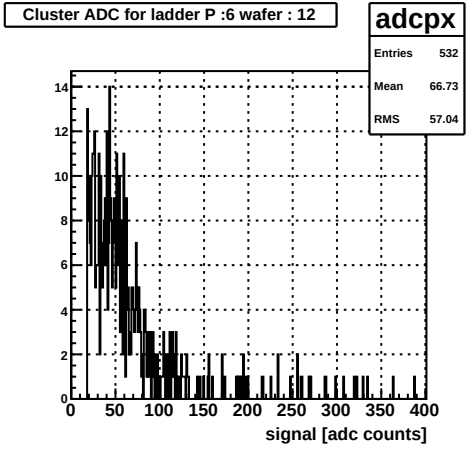

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15326
Mean 42.65
RMS 41.83
signal [adc counts]

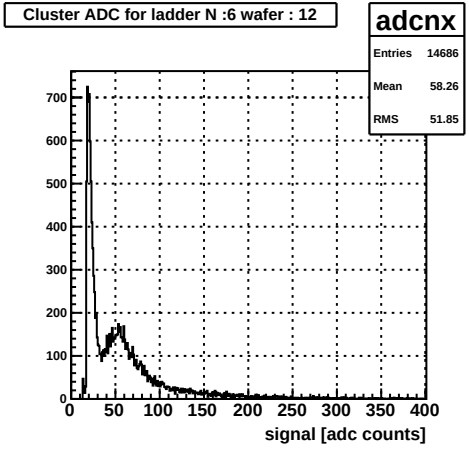

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18425
Mean 63.04
RMS 53.99
signal [adc counts]

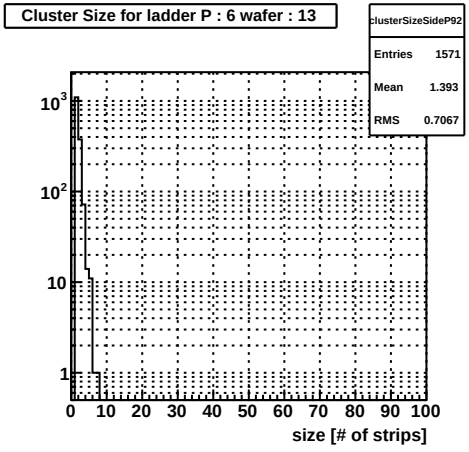

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 532
Mean 1.284
RMS 0.6433
size [# of strips]

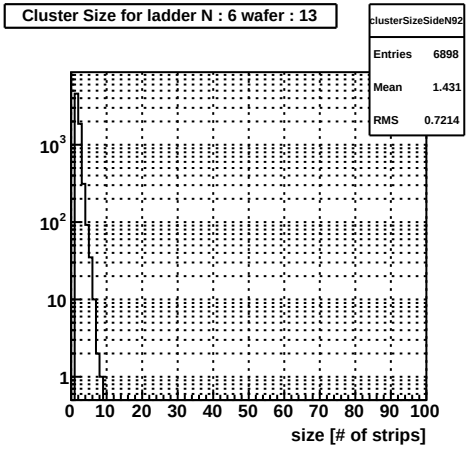

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 14686
Mean 1.336
RMS 0.6564
size [# of strips]

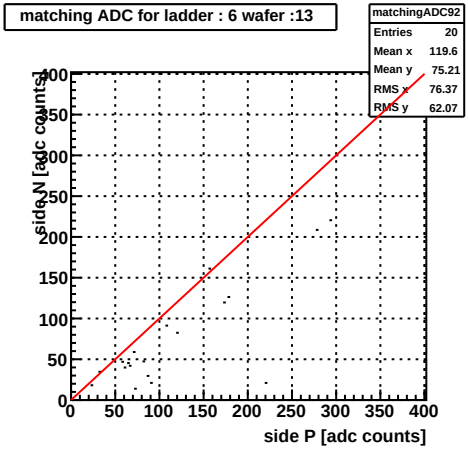

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 418
Mean x 71.16
Mean y 93.94
RMS x 53.02
RMS y 65.2
side N [adc counts]
side P [adc counts]

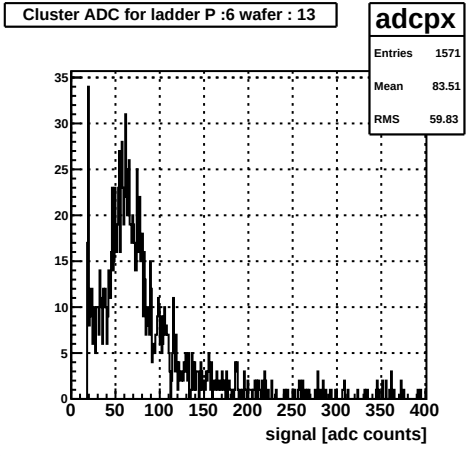

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 532
Mean 66.73
RMS 57.04
signal [adc counts]

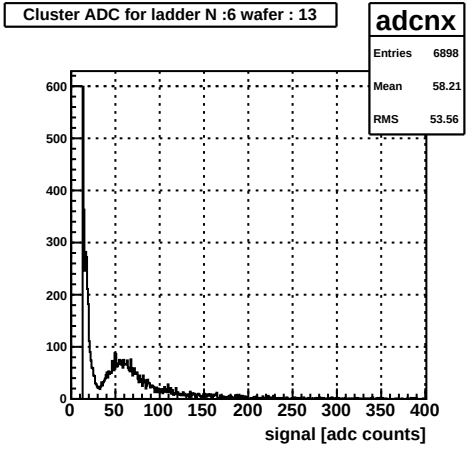

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 14686
Mean 58.26
RMS 51.85
signal [adc counts]

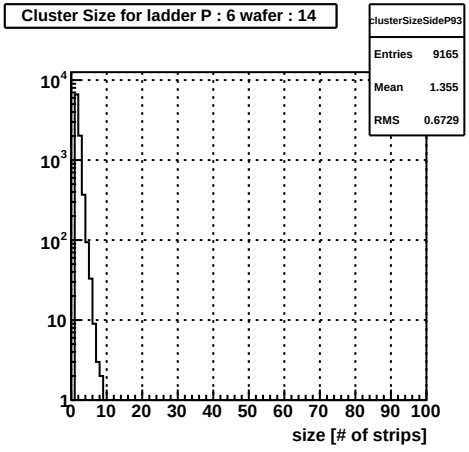

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1571
Mean 1.393
RMS 0.7067
size [# of strips]

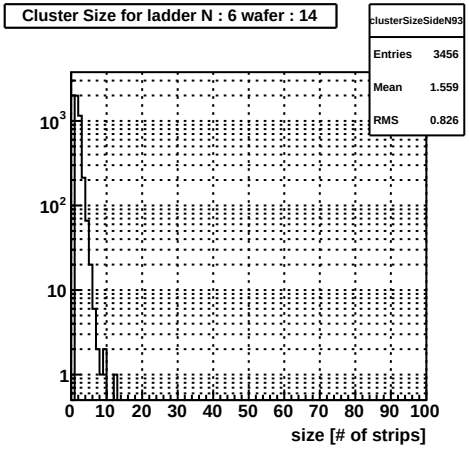

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6898
Mean 1.431
RMS 0.7214
size [# of strips]

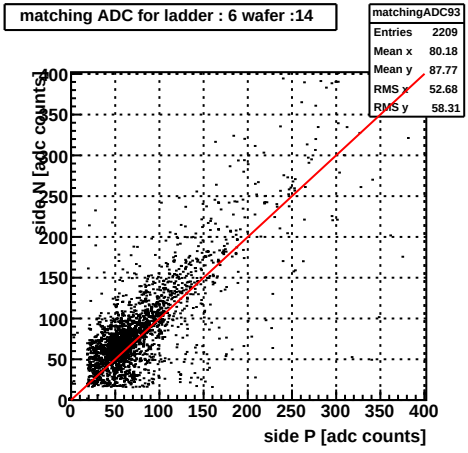

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 20
Mean x 119.6
Mean y 75.21
RMS x 76.37
RMS y 62.07
side N [adc counts]
side P [adc counts]

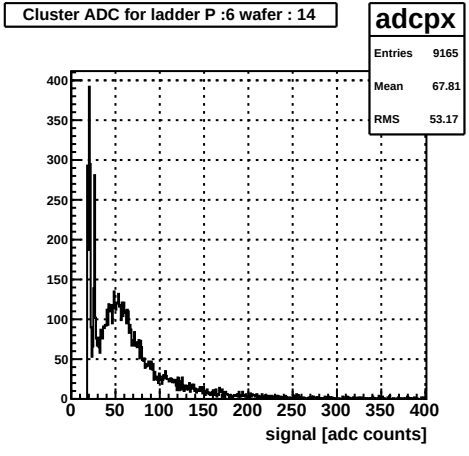

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1571
Mean 83.51
RMS 59.83
signal [adc counts]

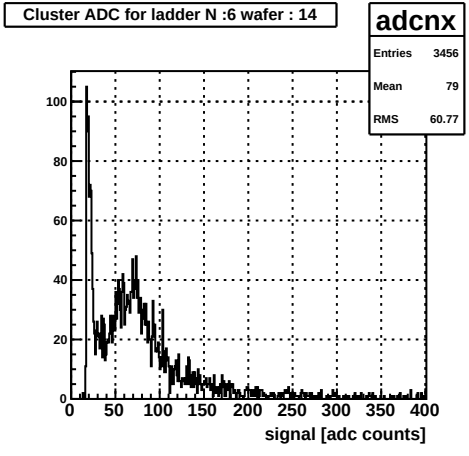

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6898
Mean 58.21
RMS 53.56
signal [adc counts]

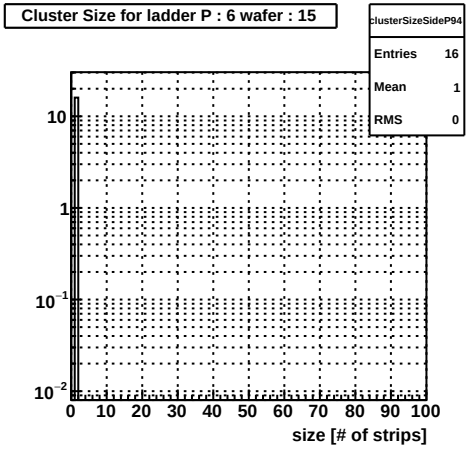

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 9165
Mean 1.355
RMS 0.6729
size [# of strips]

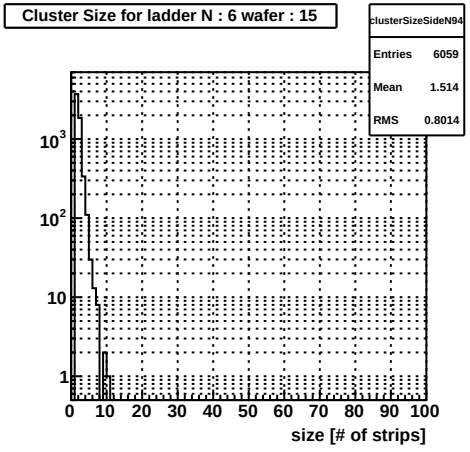

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 3456
Mean 1.559
RMS 0.826
size [# of strips]

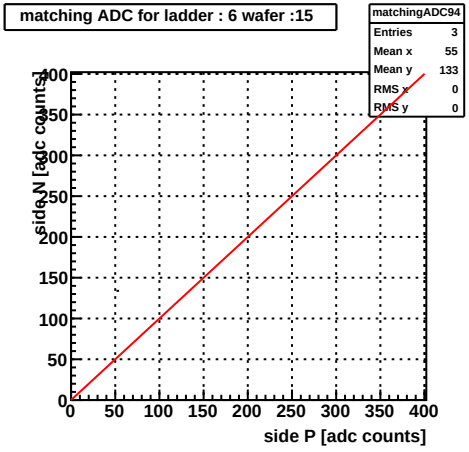

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2209
Mean x 80.18
Mean y 87.77
RMS x 52.68
RMS y 58.31
side N [adc counts]
side P [adc counts]

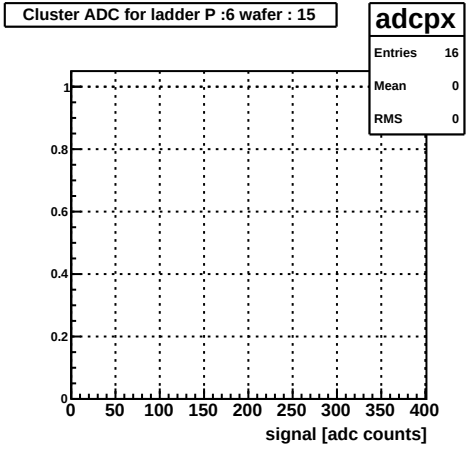

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 9165
Mean 67.81
RMS 53.17
signal [adc counts]

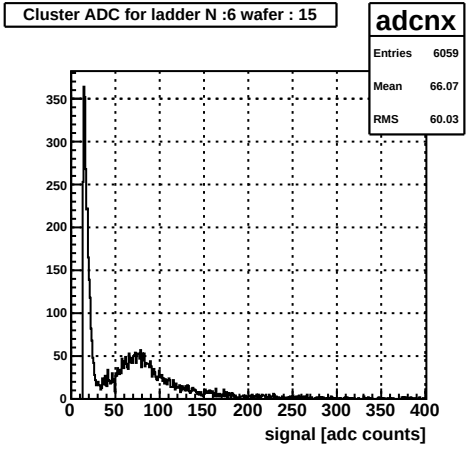

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 3456
Mean 79
RMS 60.77
signal [adc counts]

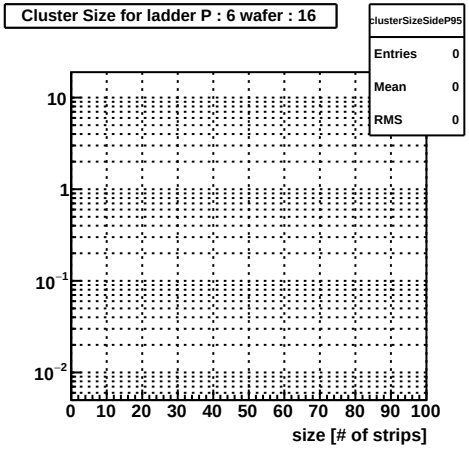

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 16
Mean 1
RMS 0
size [# of strips]

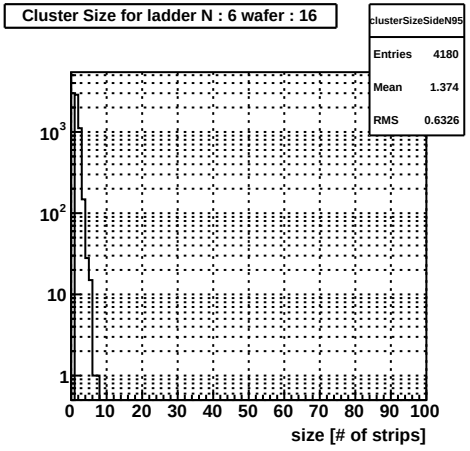

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6059
Mean 1.514
RMS 0.8014
size [# of strips]

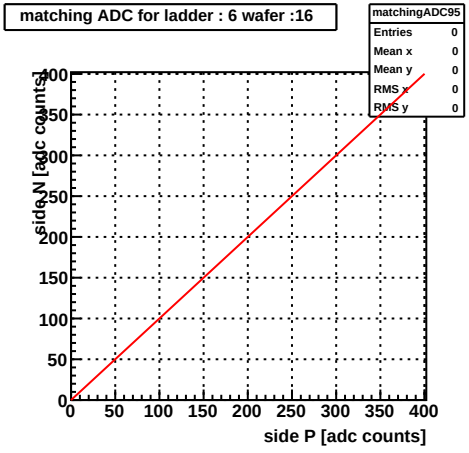

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 55
Mean y 133
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

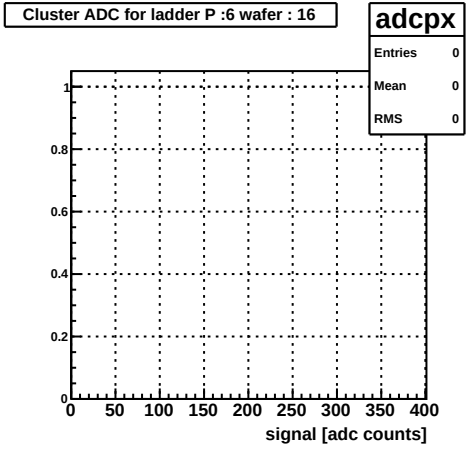

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

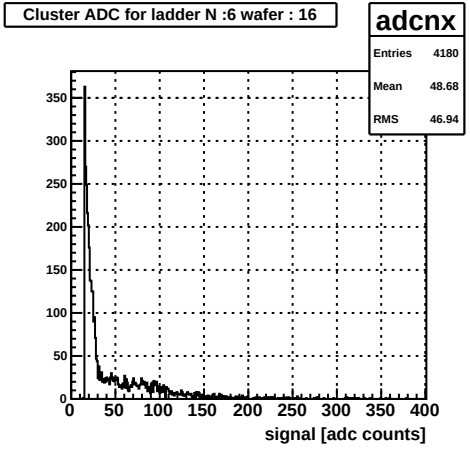

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6059
Mean 66.07
RMS 60.03
signal [adc counts]

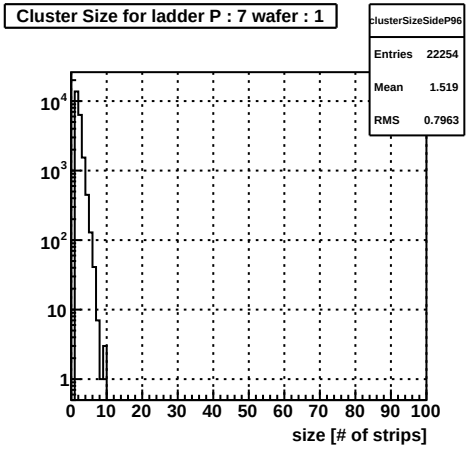

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

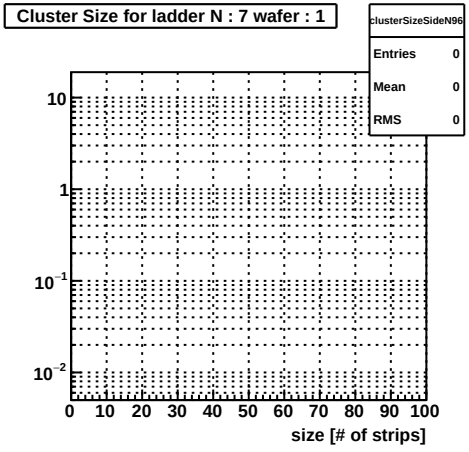

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4180
Mean 1.374
RMS 0.6326
size [# of strips]

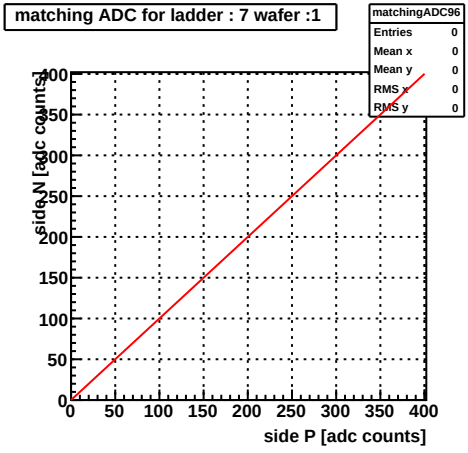

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

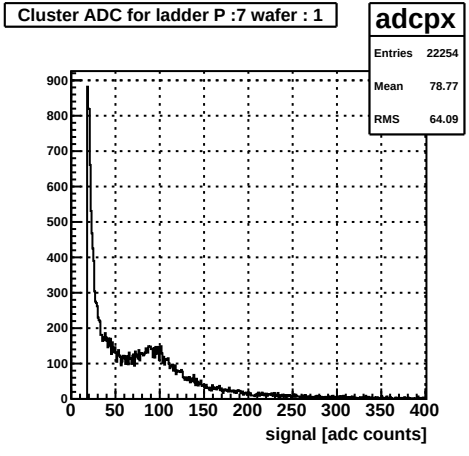

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

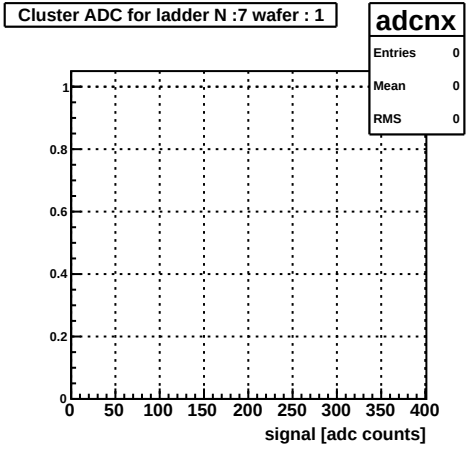

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4180
Mean 48.68
RMS 46.94
signal [adc counts]

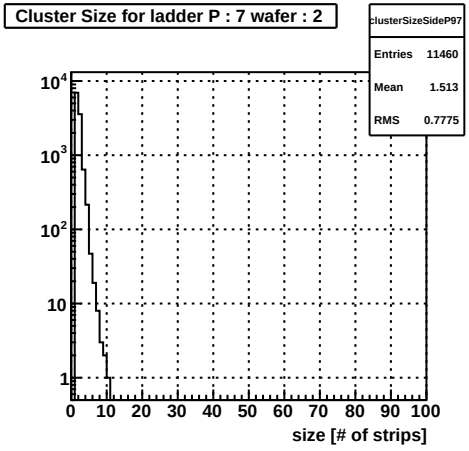

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 22254
Mean 1.519
RMS 0.7963
size [# of strips]

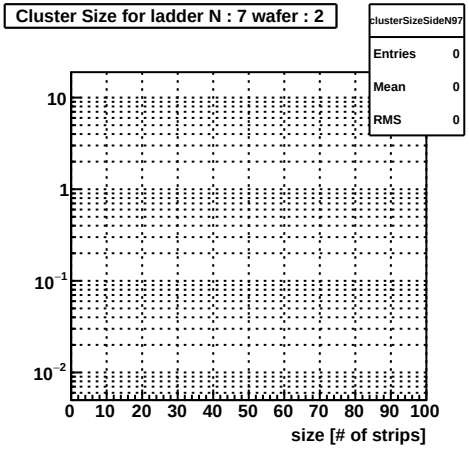

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

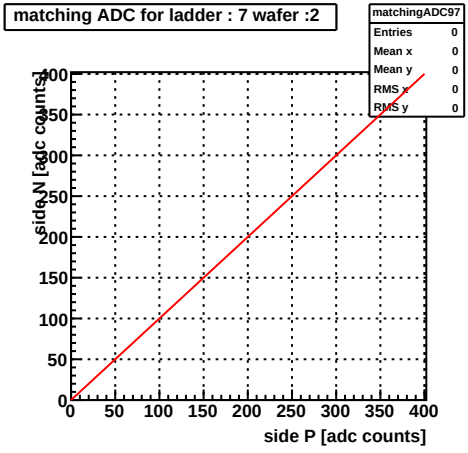

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

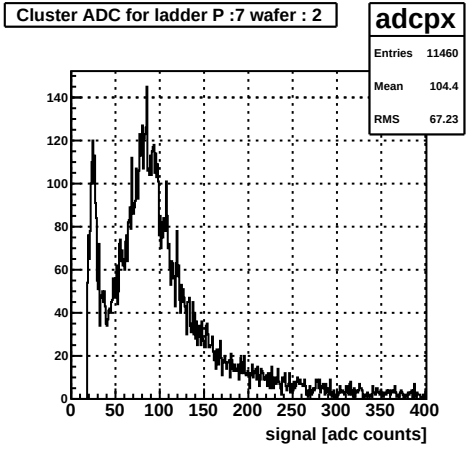

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 22254
Mean 78.77
RMS 64.09
signal [adc counts]

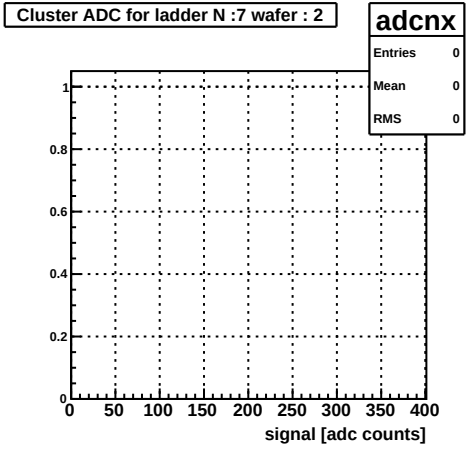

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

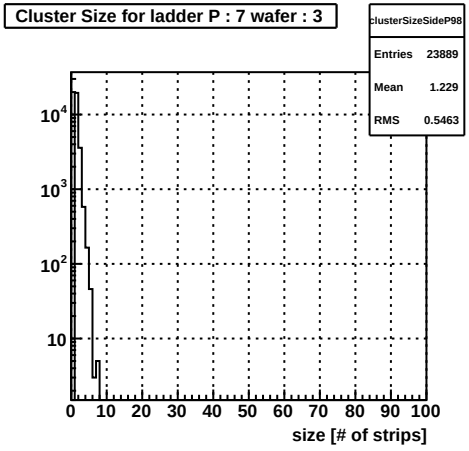

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 11460
Mean 1.513
RMS 0.7775
size [# of strips]

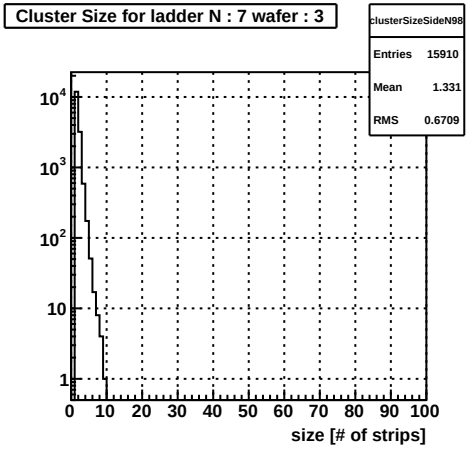

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

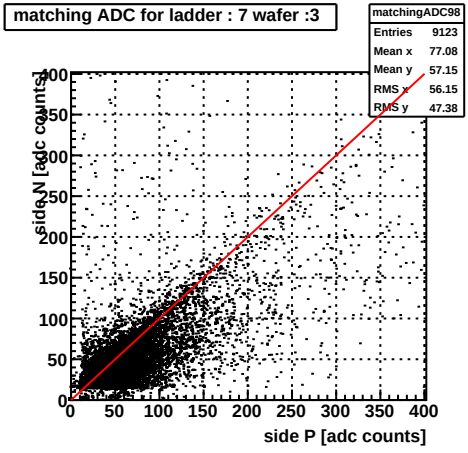

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

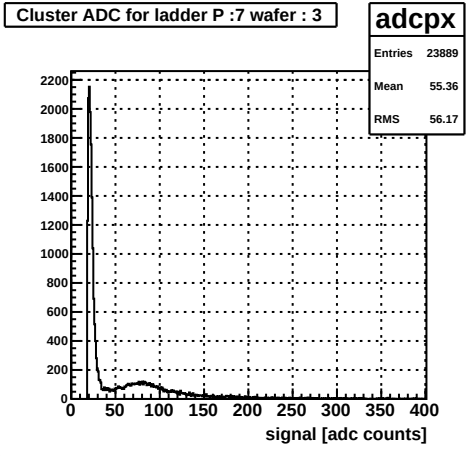

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 11460
Mean 104.4
RMS 67.23
signal [adc counts]

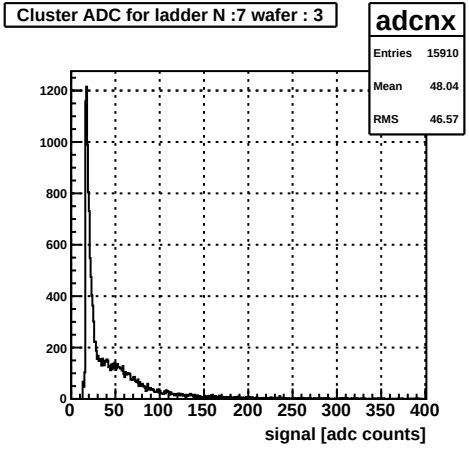

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

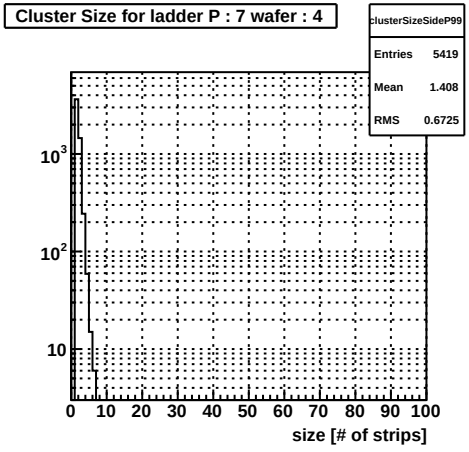

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 23889
Mean 1.229
RMS 0.5463
size [# of strips]

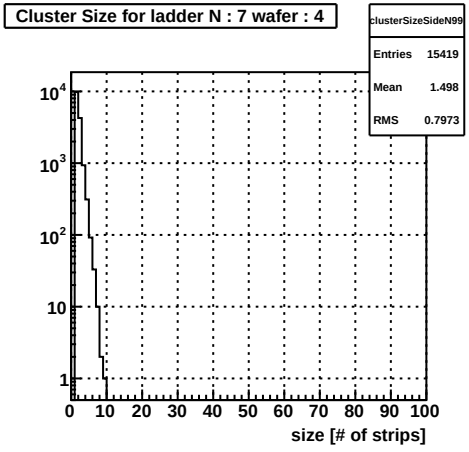

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 15910
Mean 1.331
RMS 0.6709
size [# of strips]

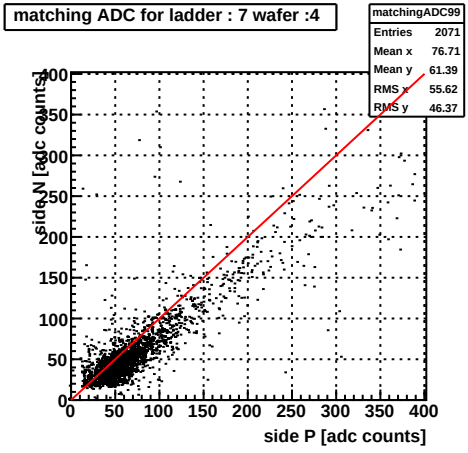

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9123
Mean x 77.08
Mean y 57.15
RMS x 56.15
RMS y 47.38
side N [adc counts]
side P [adc counts]

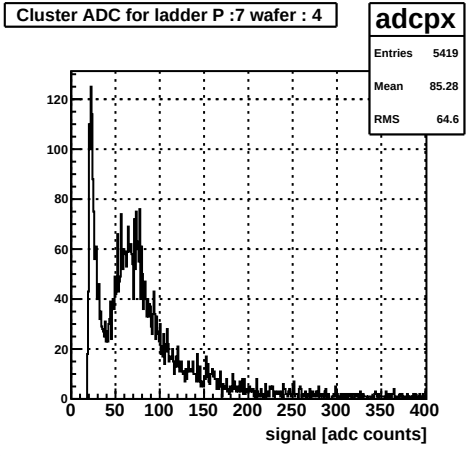

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 23889
Mean 55.36
RMS 56.17
signal [adc counts]

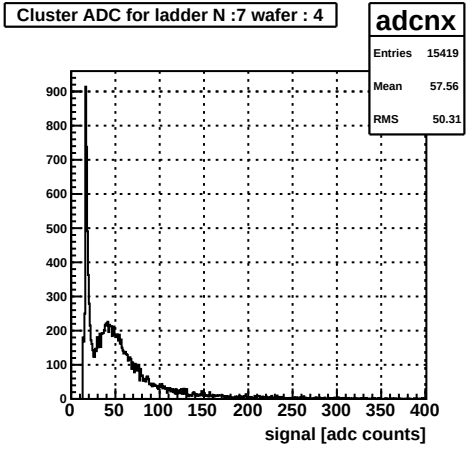

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 15910
Mean 48.04
RMS 46.57
signal [adc counts]

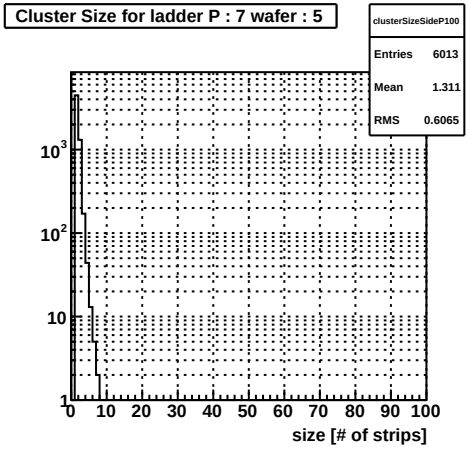

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5419
Mean 1.408
RMS 0.6725
size [# of strips]

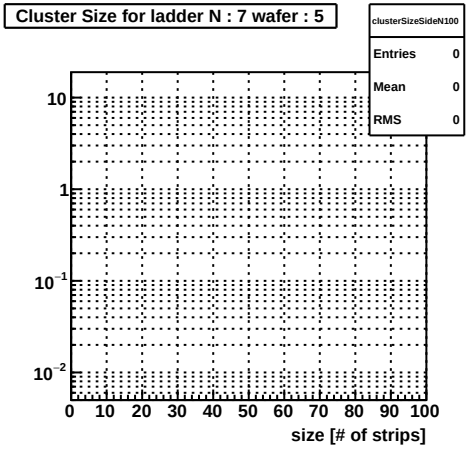

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 15419
Mean 1.498
RMS 0.7973
size [# of strips]

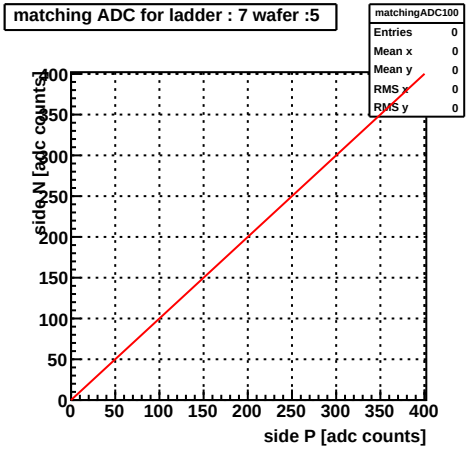

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2071
Mean x 76.71
Mean y 61.39
RMS x 55.62
RMS y 46.37
side N [adc counts]
side P [adc counts]

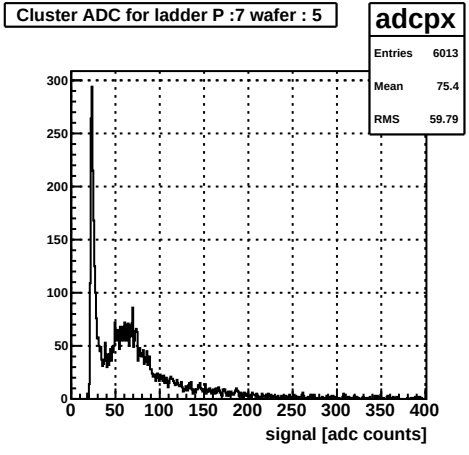

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5419
Mean 85.28
RMS 64.6
signal [adc counts]

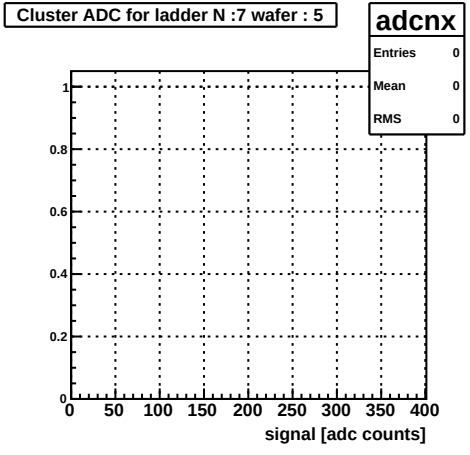

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 15419
Mean 57.56
RMS 50.31
signal [adc counts]

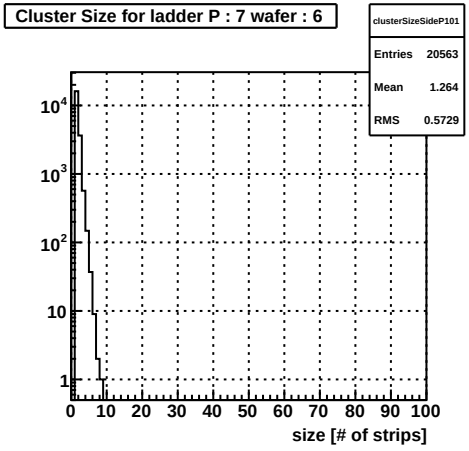

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6013
Mean 1.311
RMS 0.6065
size [# of strips]

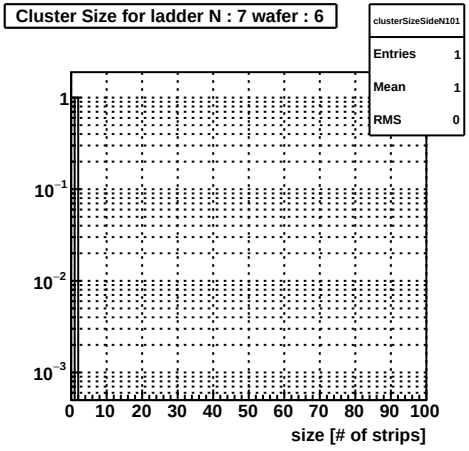

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

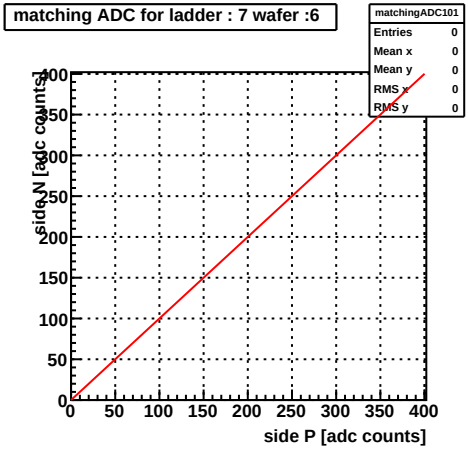

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

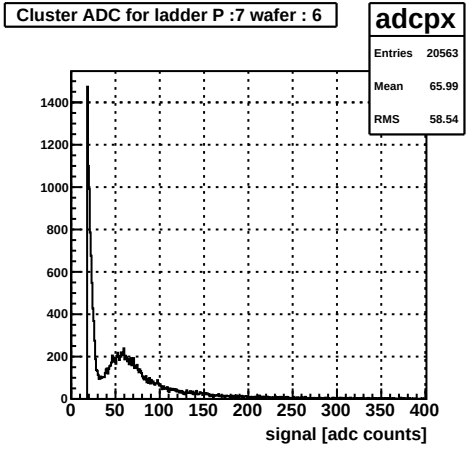

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6013
Mean 75.4
RMS 59.79
signal [adc counts]

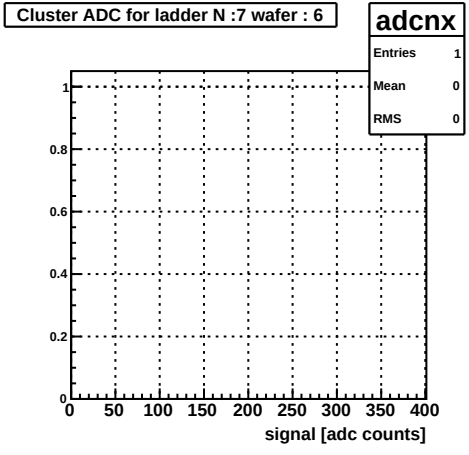

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

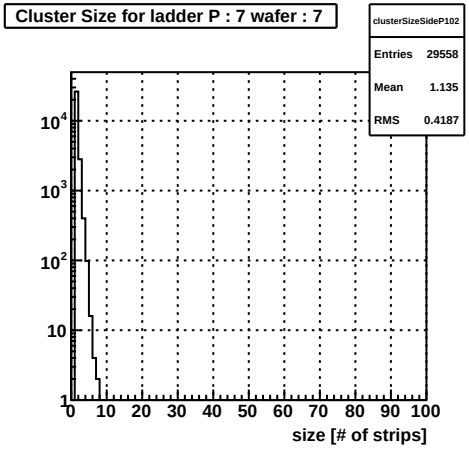

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 20563
Mean 1.264
RMS 0.5729
size [# of strips]

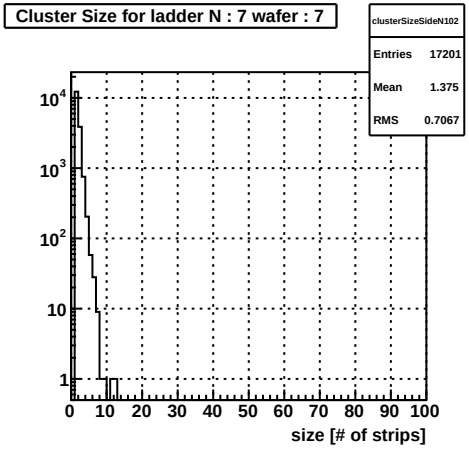

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

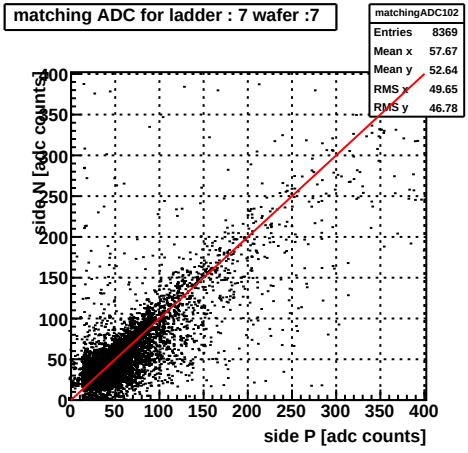

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

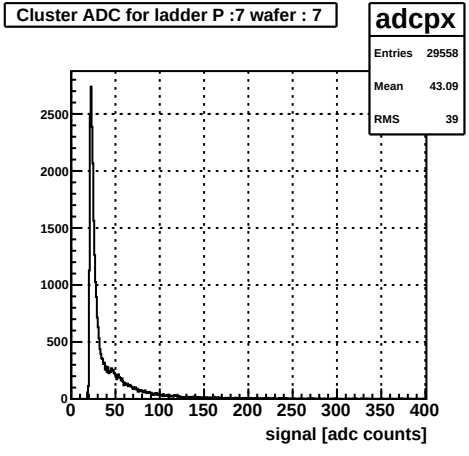

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 20563
Mean 65.99
RMS 58.54
signal [adc counts]

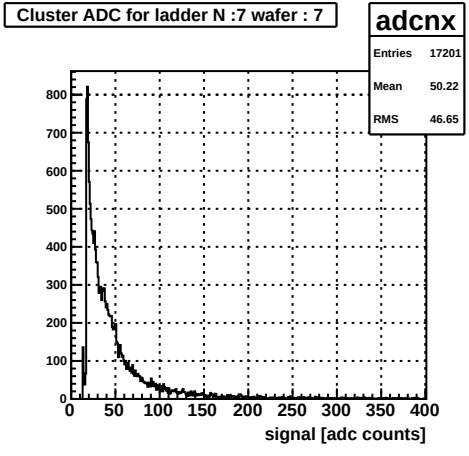

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

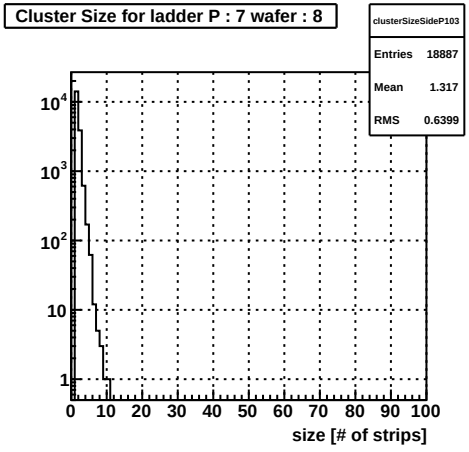

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 29558
Mean 1.135
RMS 0.4187
size [# of strips]

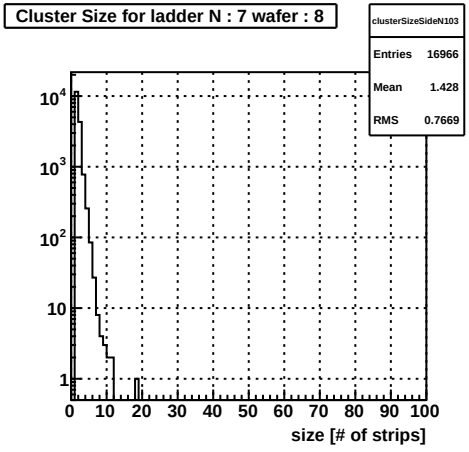

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 17201
Mean 1.375
RMS 0.7067
size [# of strips]

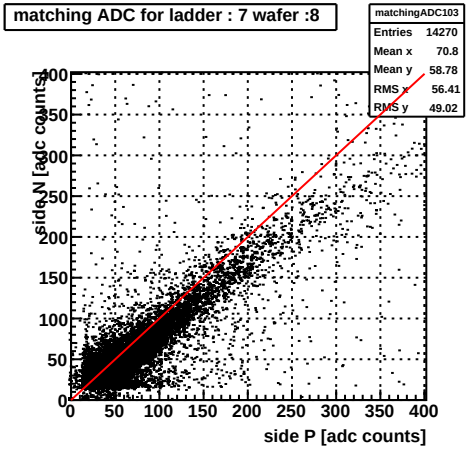

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8369
Mean x 57.67
Mean y 52.64
RMS x 49.65
RMS y 46.78
side N [adc counts]
side P [adc counts]

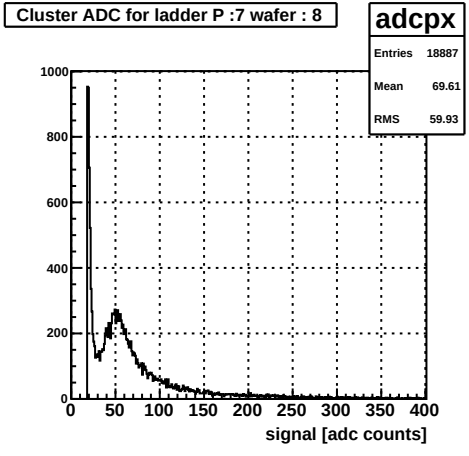

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 29558
Mean 43.09
RMS 39
signal [adc counts]

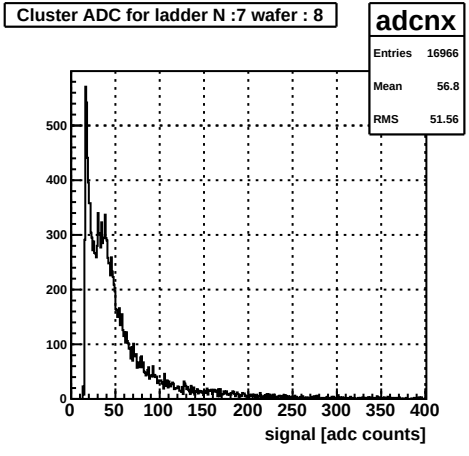

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 17201
Mean 50.22
RMS 46.65
signal [adc counts]

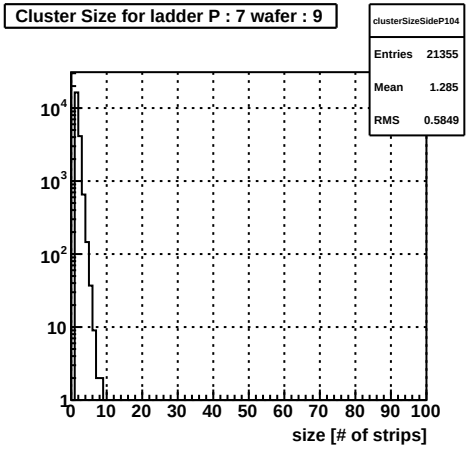

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 18887
Mean 1.317
RMS 0.6399
size [# of strips]

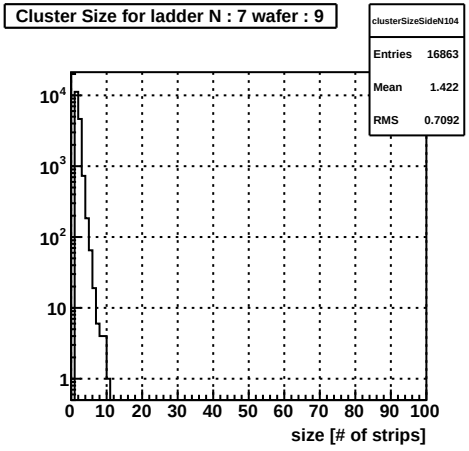

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 16966
Mean 1.428
RMS 0.7669
size [# of strips]

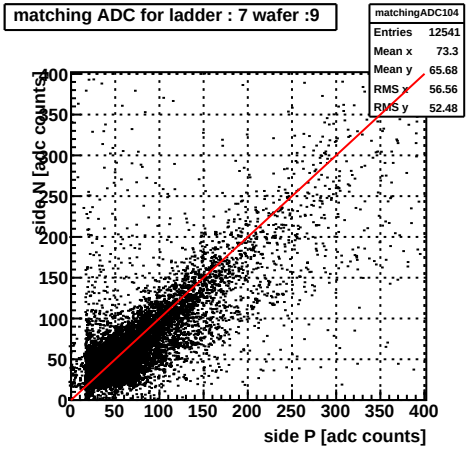

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 14270
Mean x 70.8
Mean y 58.78
RMS x 56.41
RMS y 49.02
side N [adc counts]
side P [adc counts]

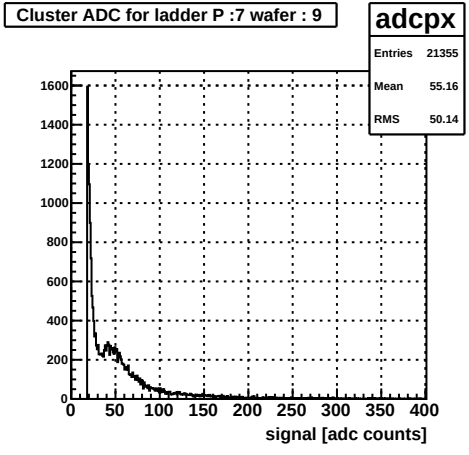

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 18887
Mean 69.61
RMS 59.93
signal [adc counts]

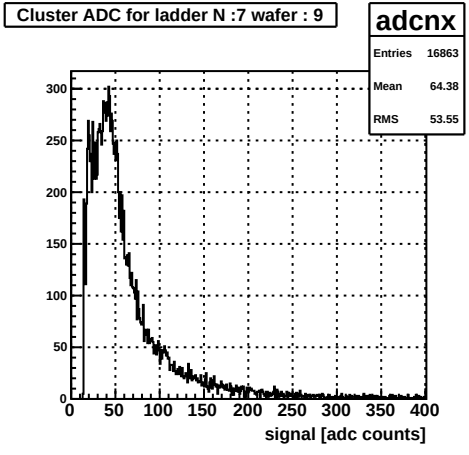

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 16966
Mean 56.8
RMS 51.56
signal [adc counts]

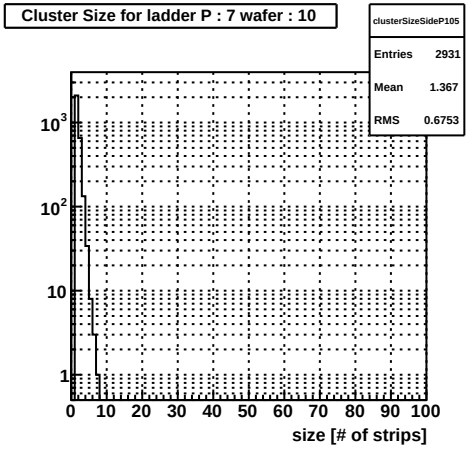

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 21355
Mean 1.285
RMS 0.5849
size [# of strips]

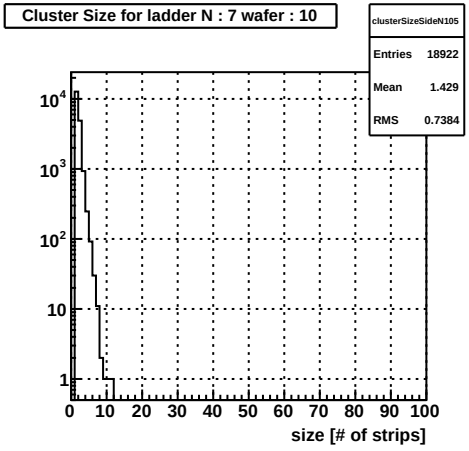

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 16863
Mean 1.422
RMS 0.7092
size [# of strips]

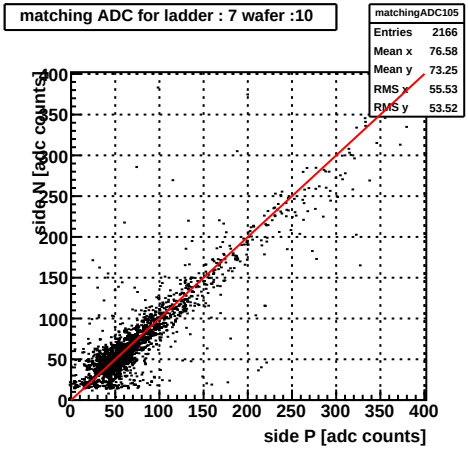

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12541
Mean x 73.3
Mean y 65.68
RMS x 56.56
RMS y 52.48
side N [adc counts]
side P [adc counts]

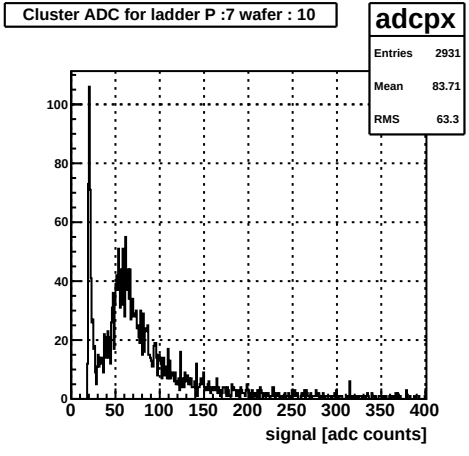

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 21355
Mean 55.16
RMS 50.14
signal [adc counts]

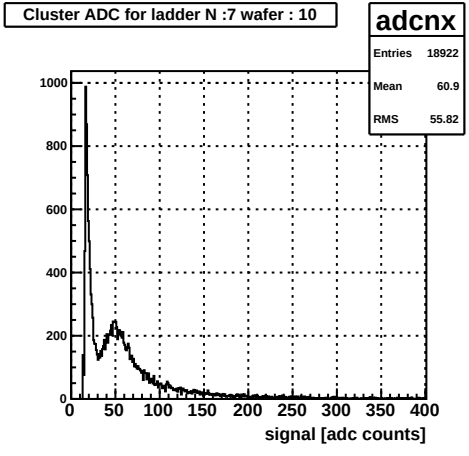

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 16863
Mean 64.38
RMS 53.55
signal [adc counts]

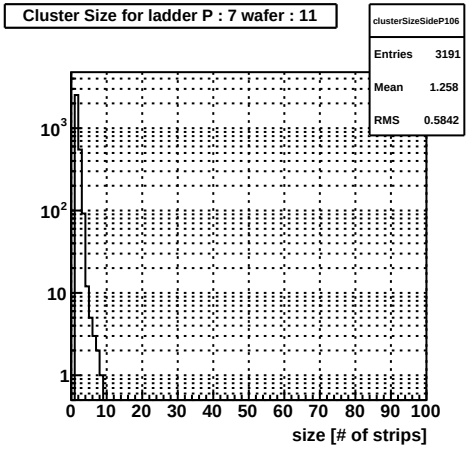

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2931
Mean 1.367
RMS 0.6753
size [# of strips]

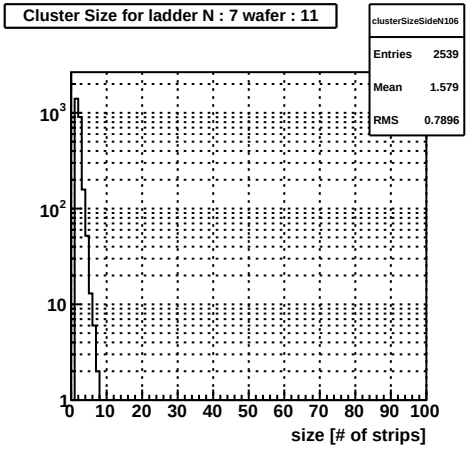

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 18922
Mean 1.429
RMS 0.7384
size [# of strips]

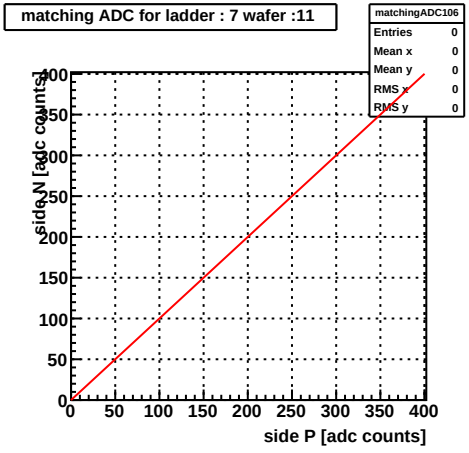

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2166
Mean x 76.58
Mean y 73.25
RMS x 55.53
RMS y 53.52
side N [adc counts]
side P [adc counts]

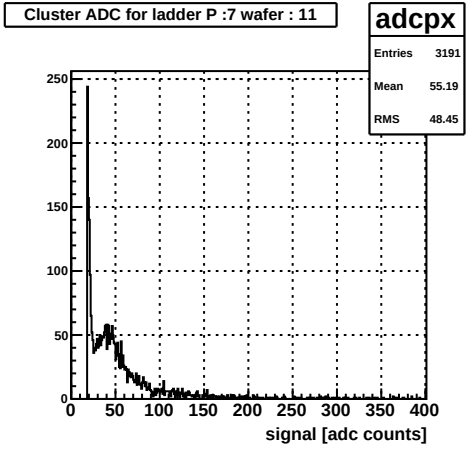

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2931
Mean 83.71
RMS 63.3
signal [adc counts]

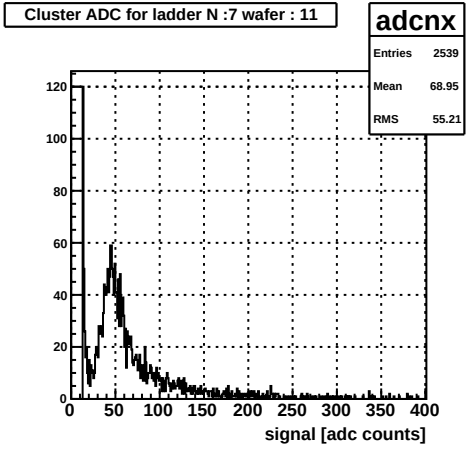

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 18922
Mean 60.9
RMS 55.82
signal [adc counts]

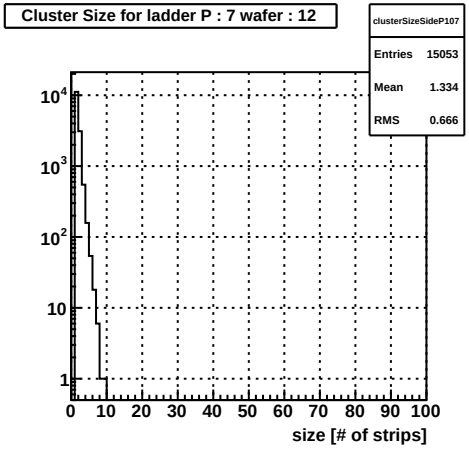

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3191
Mean 1.258
RMS 0.5842
size [# of strips]

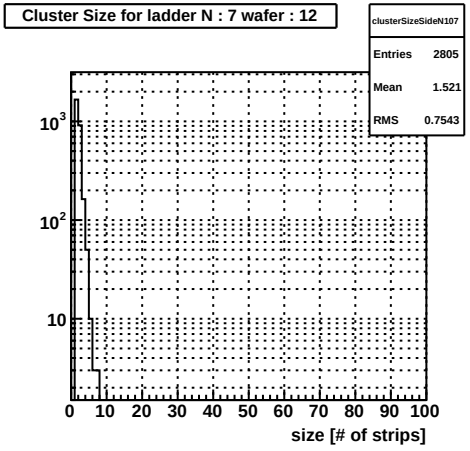

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2539
Mean 1.579
RMS 0.7896
size [# of strips]

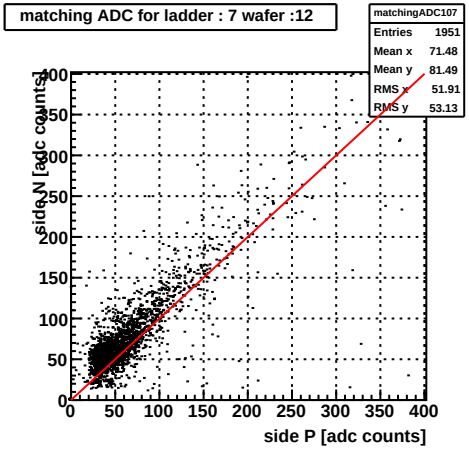

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

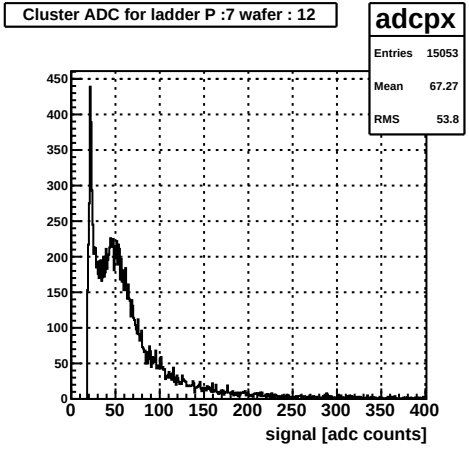

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3191
Mean 55.19
RMS 48.45
signal [adc counts]

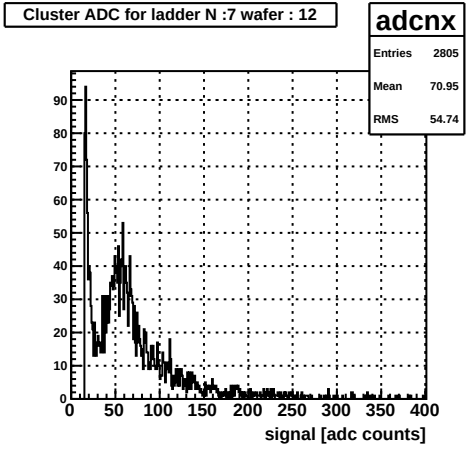

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2539
Mean 68.95
RMS 55.21
signal [adc counts]

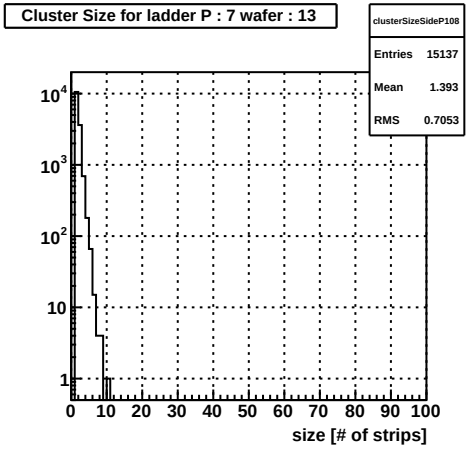

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 15053
Mean 1.334
RMS 0.666
size [# of strips]

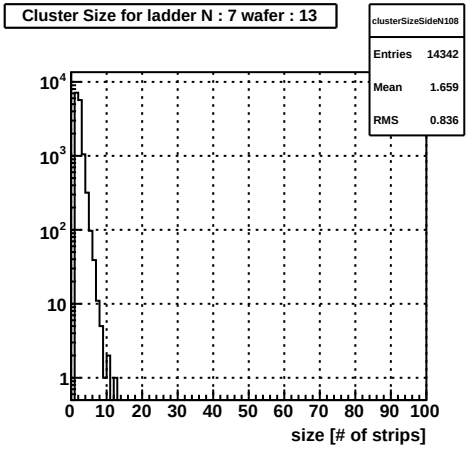

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2805
Mean 1.521
RMS 0.7543
size [# of strips]

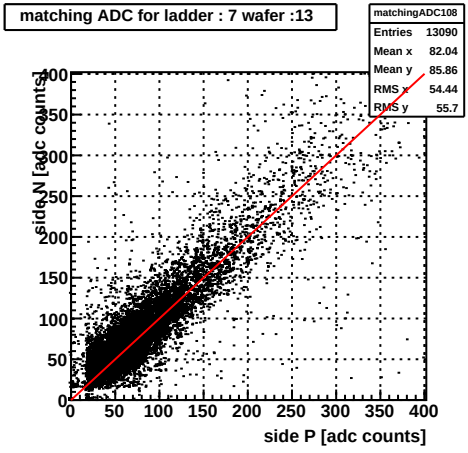

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1951
Mean x 71.48
Mean y 81.49
RMS x 51.91
RMS y 53.13
side N [adc counts]
side P [adc counts]

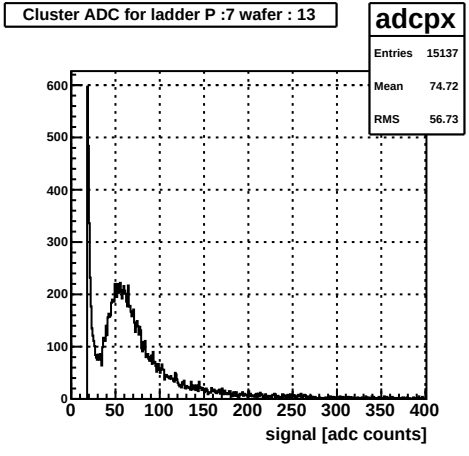

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 15053
Mean 67.27
RMS 53.8
signal [adc counts]

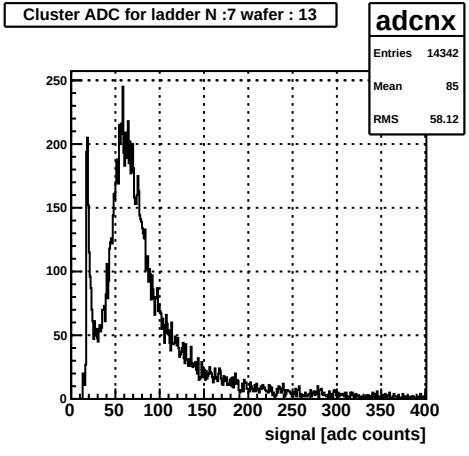

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2805
Mean 70.95
RMS 54.74
signal [adc counts]

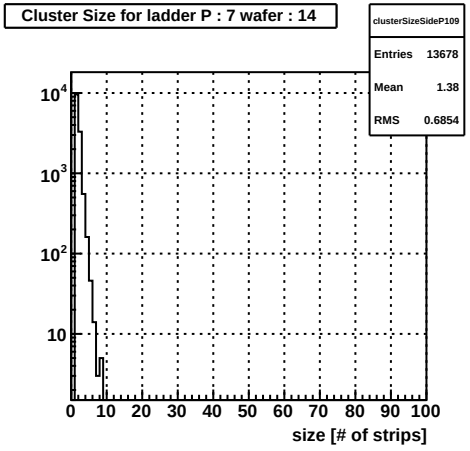

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 15137
Mean 1.393
RMS 0.7053
size [# of strips]

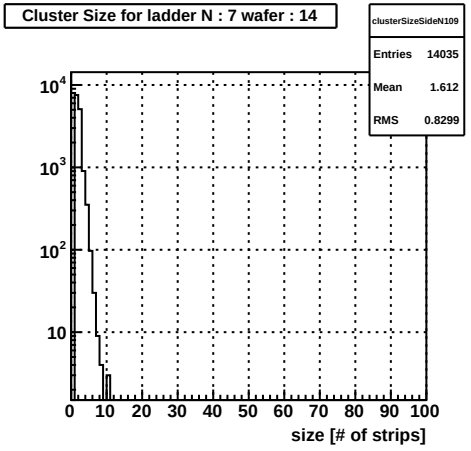

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 14342
Mean 1.659
RMS 0.836
size [# of strips]

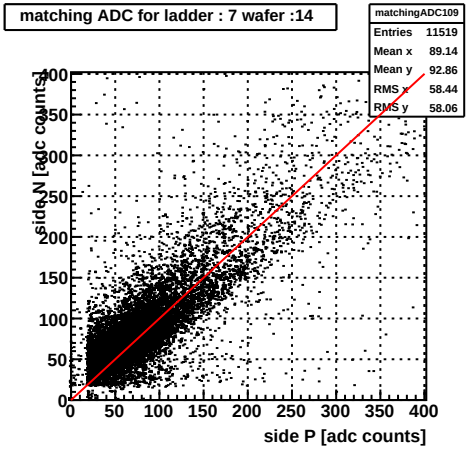

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 13090
Mean x 82.04
Mean y 85.86
RMS x 54.44
RMS y 55.7
side N [adc counts]
side P [adc counts]

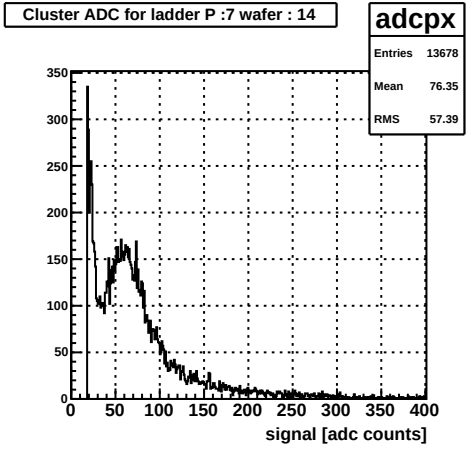

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 15137
Mean 74.72
RMS 56.73
signal [adc counts]

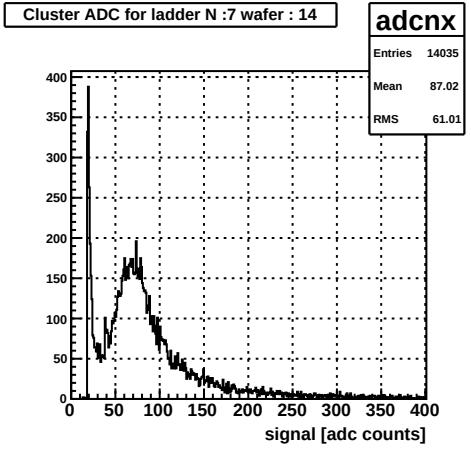

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 14342
Mean 85
RMS 58.12
signal [adc counts]

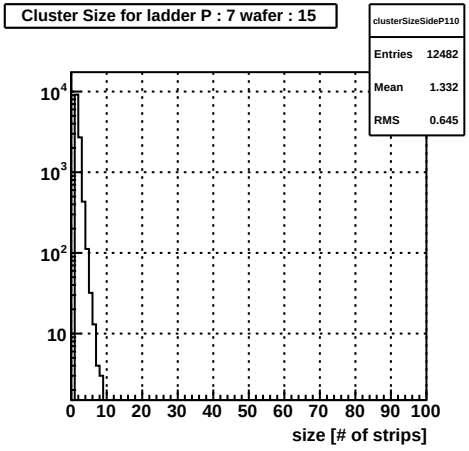

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13678
Mean 1.38
RMS 0.6854
size [# of strips]

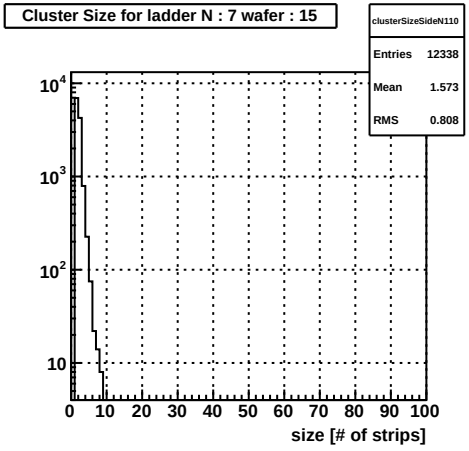

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 14035
Mean 1.612
RMS 0.8299
size [# of strips]

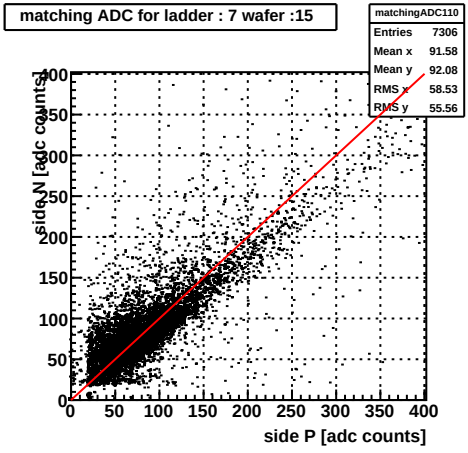

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 11519
Mean x 89.14
Mean y 92.86
RMS x 58.44
RMS y 58.06
side N [adc counts]
side P [adc counts]

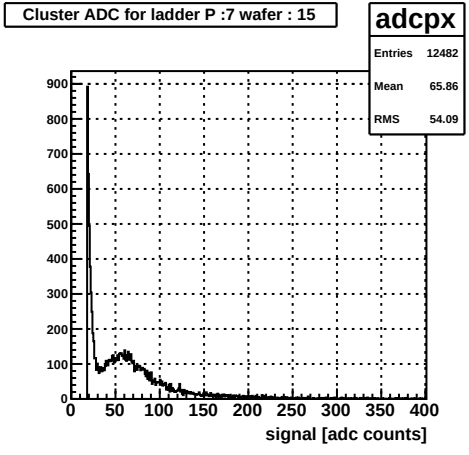

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13678
Mean 76.35
RMS 57.39
signal [adc counts]

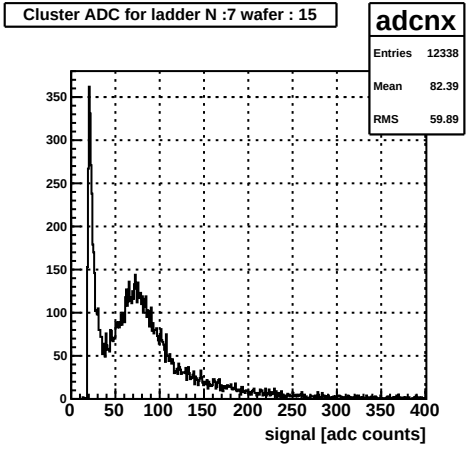

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 14035
Mean 87.02
RMS 61.01
signal [adc counts]

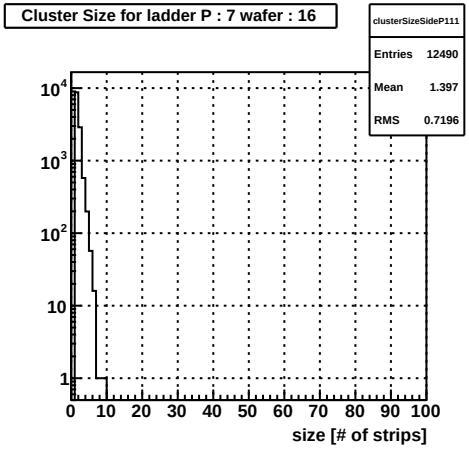

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 12482
Mean 1.332
RMS 0.645
size [# of strips]

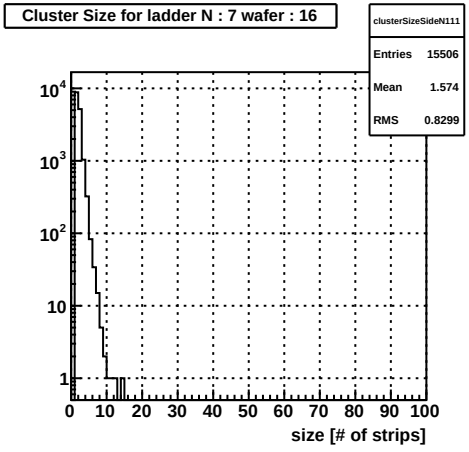

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 12338
Mean 1.573
RMS 0.808
size [# of strips]

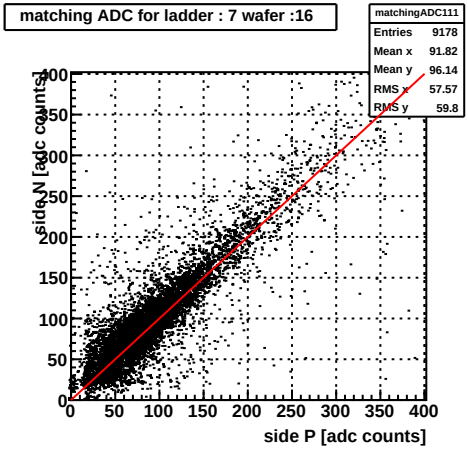

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 7306
Mean x 91.58
Mean y 92.08
RMS x 58.53
RMS y 55.56
side N [adc counts]
side P [adc counts]

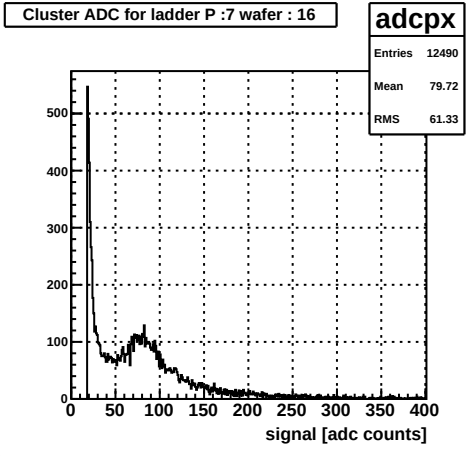

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 12482
Mean 65.86
RMS 54.09
signal [adc counts]

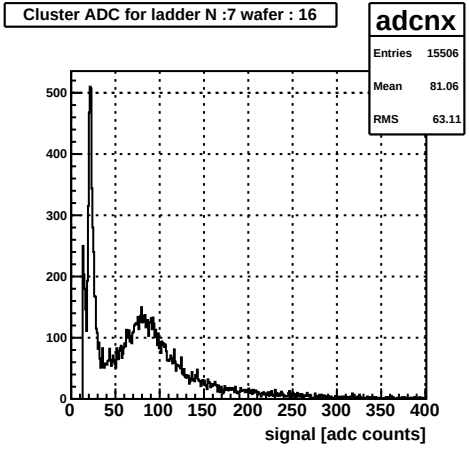

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 12338
Mean 82.39
RMS 59.89
signal [adc counts]

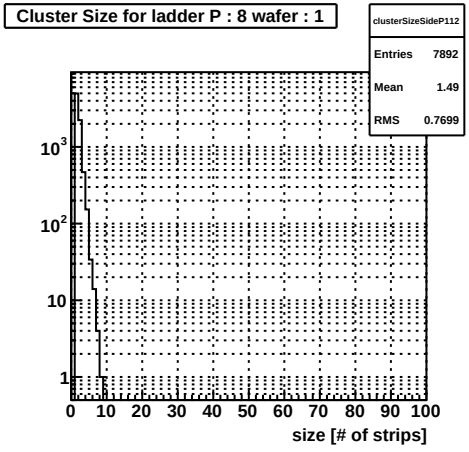

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 12490
Mean 1.397
RMS 0.7196
size [# of strips]

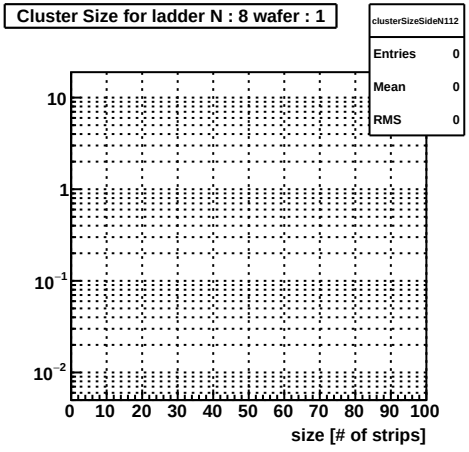

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 15506
Mean 1.574
RMS 0.8299
size [# of strips]

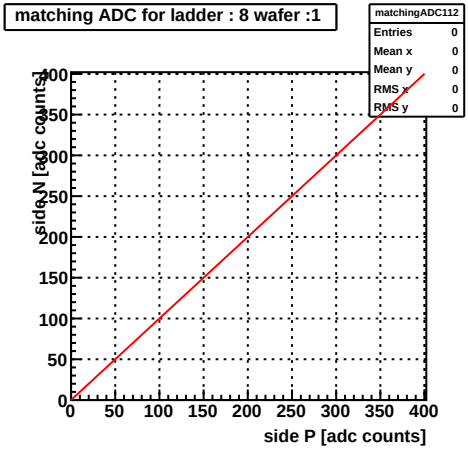

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 9178
Mean x 91.82
Mean y 96.14
RMS x 57.57
RMS y 59.8
side N [adc counts]
side P [adc counts]

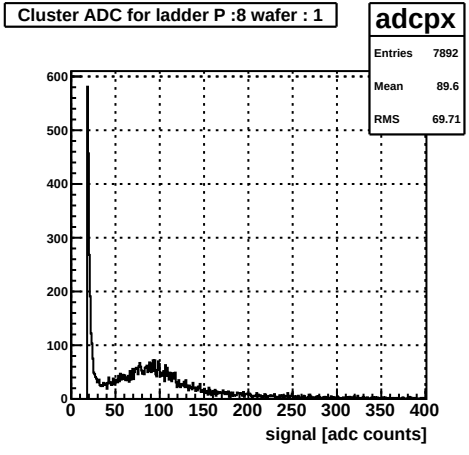

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 12490
Mean 79.72
RMS 61.33
signal [adc counts]

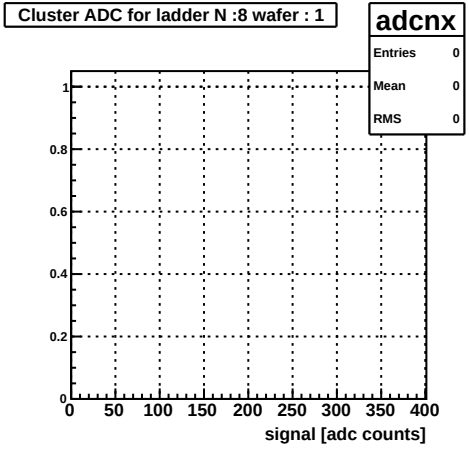

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 15506
Mean 81.06
RMS 63.11
signal [adc counts]

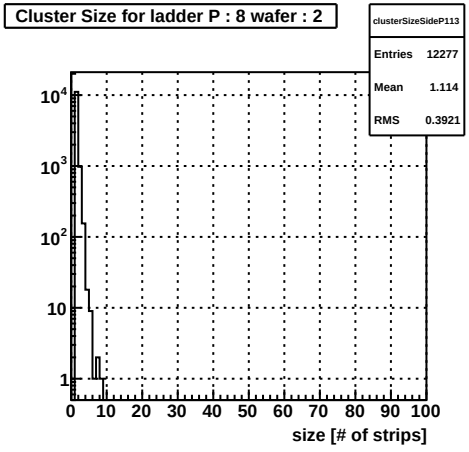

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 7892
Mean 1.49
RMS 0.7699
size [# of strips]

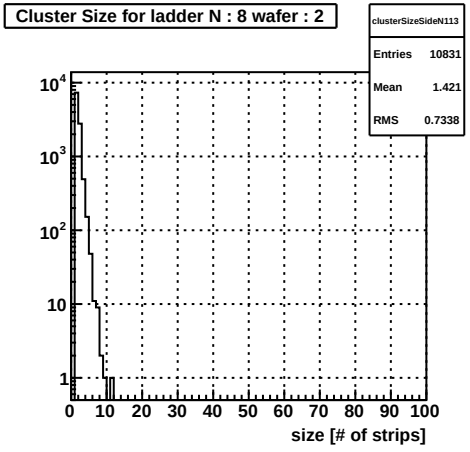

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

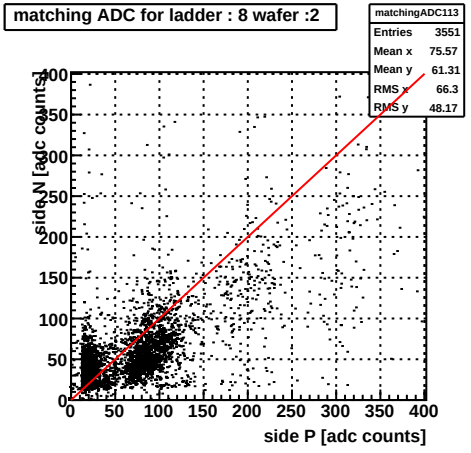

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

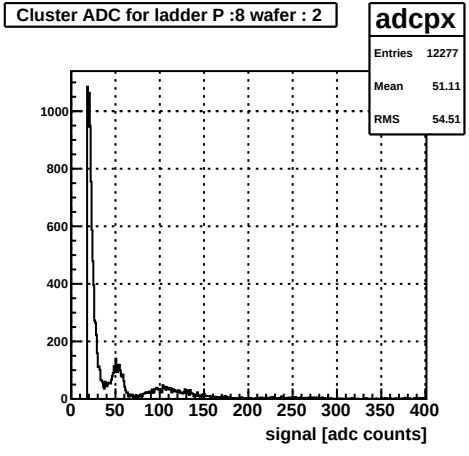

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 7892
Mean 89.6
RMS 69.71
signal [adc counts]

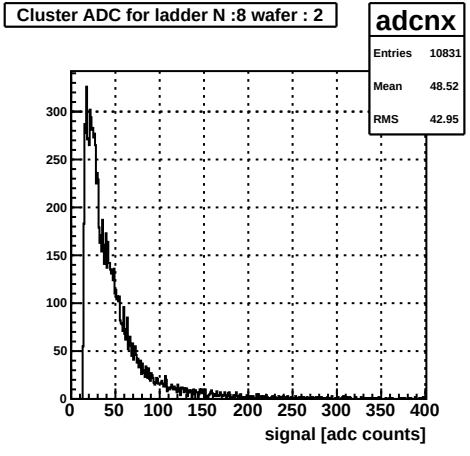

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

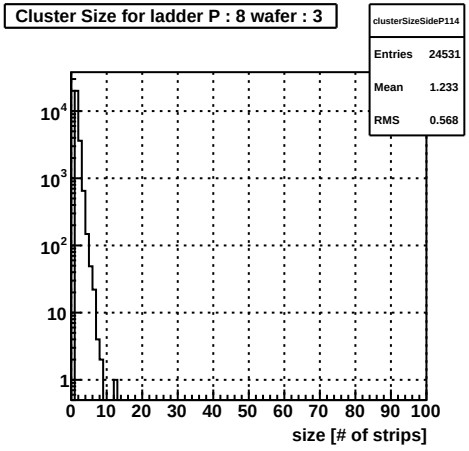

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12277
Mean 1.114
RMS 0.3921
size [# of strips]

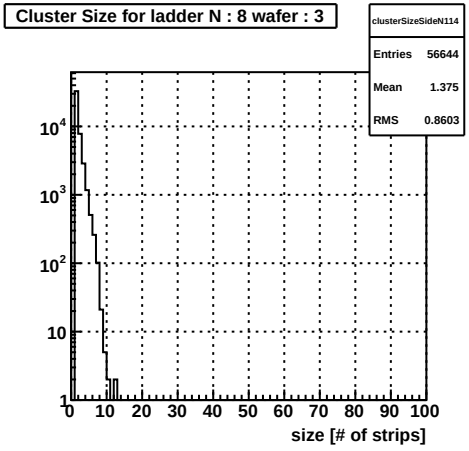

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10831
Mean 1.421
RMS 0.7338
size [# of strips]

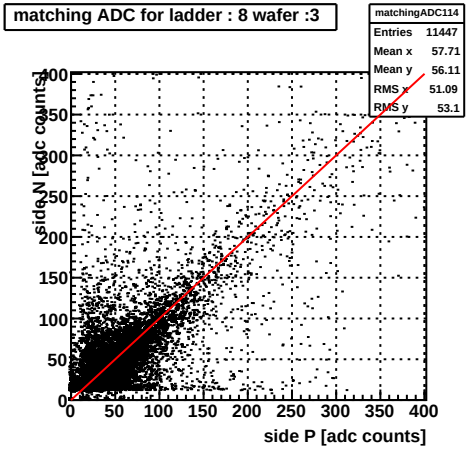

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3551
Mean x 75.57
Mean y 61.31
RMS x 66.3
RMS y 48.17
side N [adc counts]
side P [adc counts]

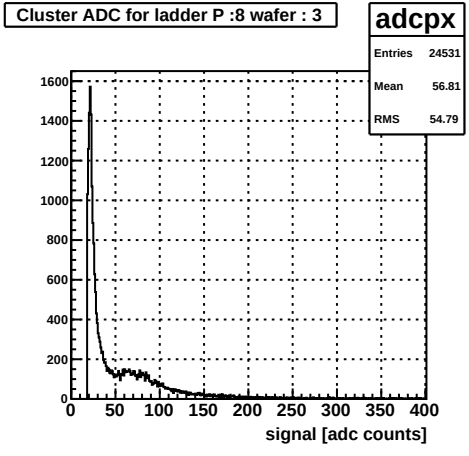

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12277
Mean 51.11
RMS 54.51
signal [adc counts]

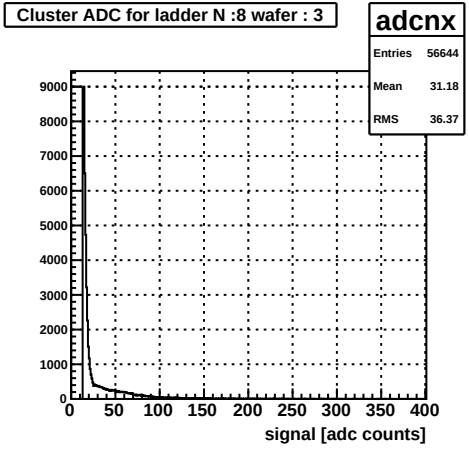

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10831
Mean 48.52
RMS 42.95
signal [adc counts]

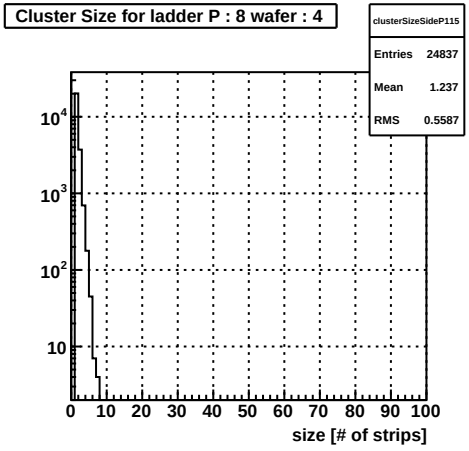

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24531
Mean 1.233
RMS 0.568
size [# of strips]

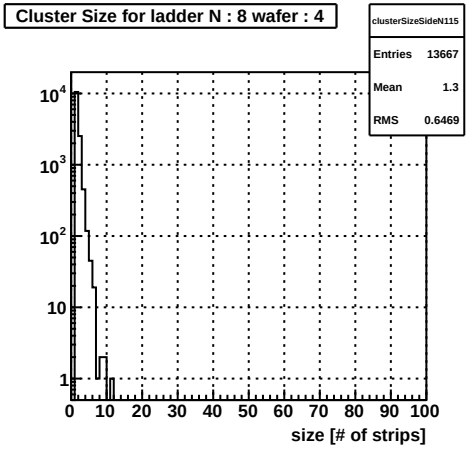

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 56644
Mean 1.375
RMS 0.8603
size [# of strips]

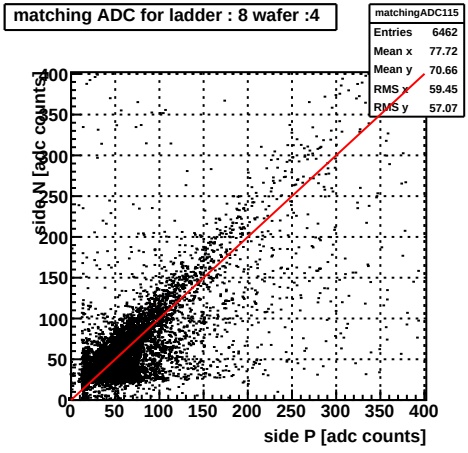

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 11447
Mean x 57.71
Mean y 56.11
RMS x 51.09
RMS y 53.1
side N [adc counts]
side P [adc counts]

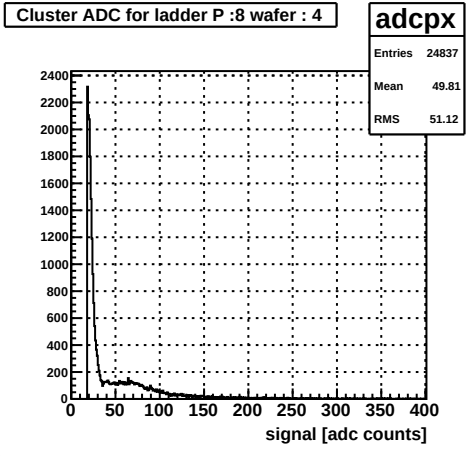

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24531
Mean 56.81
RMS 54.79
signal [adc counts]

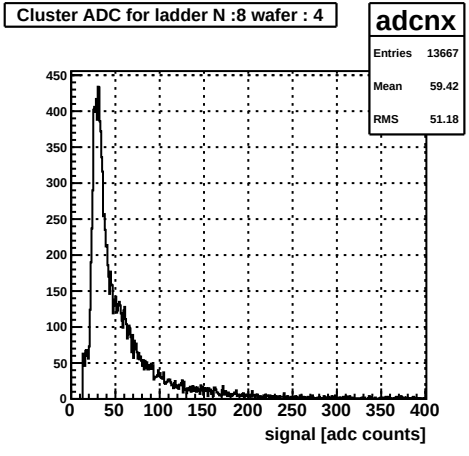

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 56644
Mean 31.18
RMS 36.37
signal [adc counts]

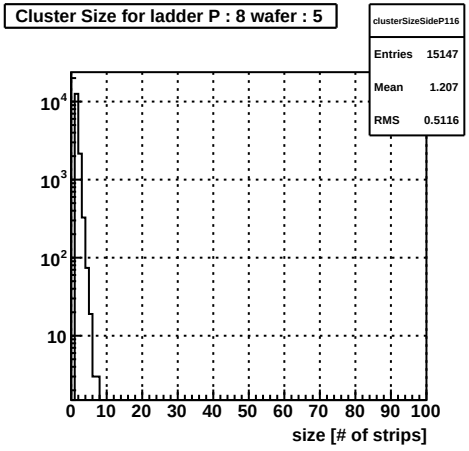

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24837
Mean 1.237
RMS 0.5587
size [# of strips]

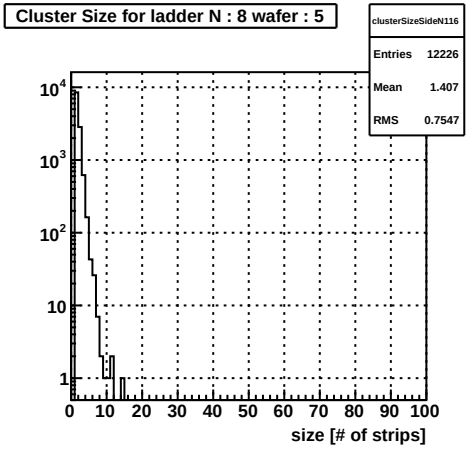

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13667
Mean 1.3
RMS 0.6469
size [# of strips]

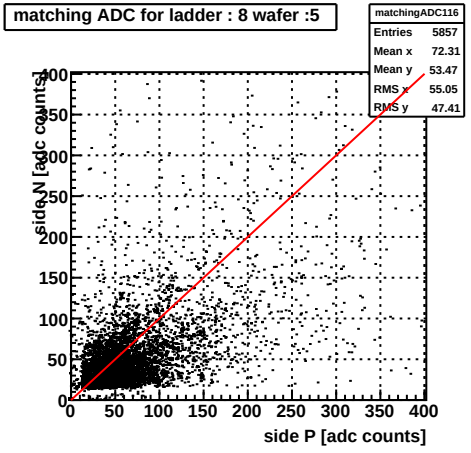

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6462
Mean x 77.72
Mean y 70.66
RMS x 59.45
RMS y 57.07
side N [adc counts]
side P [adc counts]

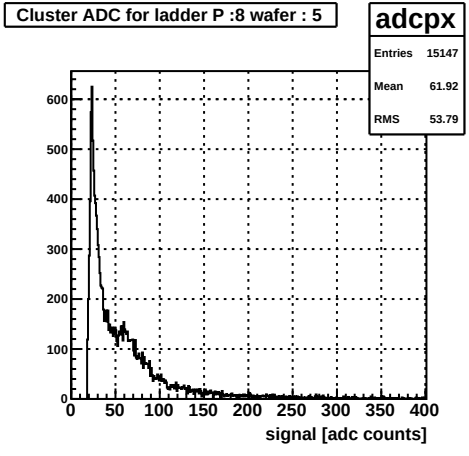

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24837
Mean 49.81
RMS 51.12
signal [adc counts]

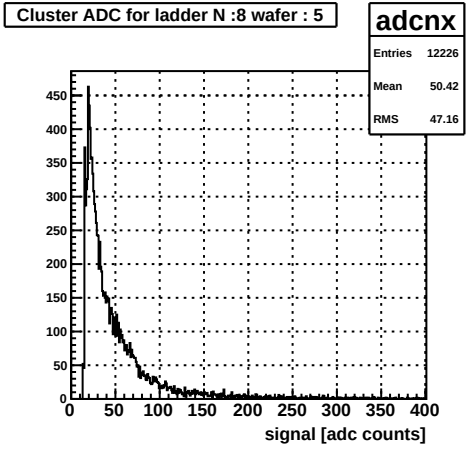

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13667
Mean 59.42
RMS 51.18
signal [adc counts]

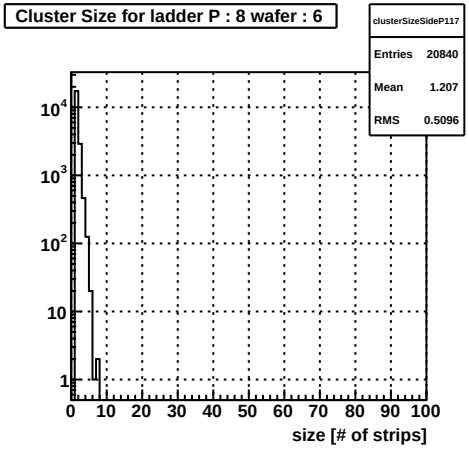

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 15147
Mean 1.207
RMS 0.5116
size [# of strips]

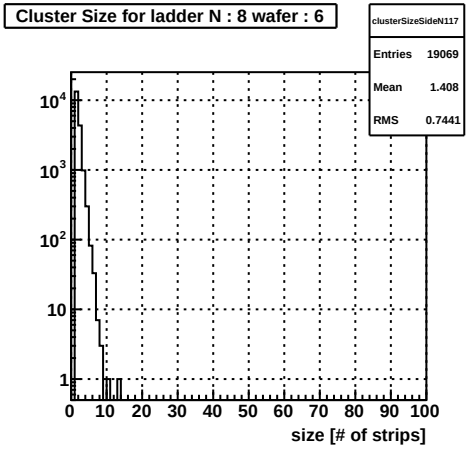

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 12226
Mean 1.407
RMS 0.7547
size [# of strips]

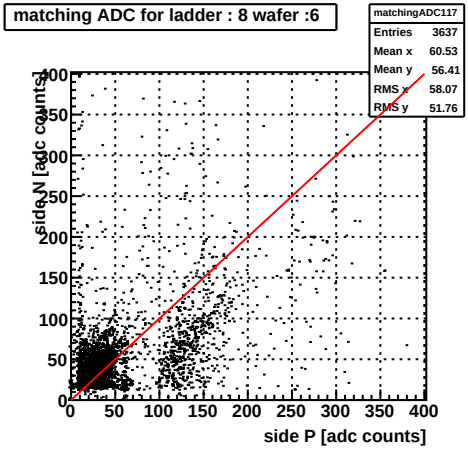

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5857
Mean x 72.31
Mean y 53.47
RMS x 55.05
RMS y 47.41
side N [adc counts]
side P [adc counts]

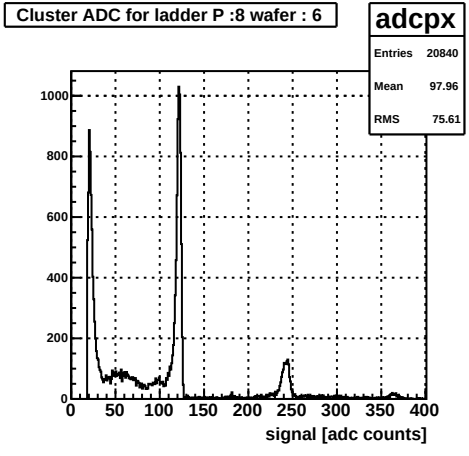

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 15147
Mean 61.92
RMS 53.79
signal [adc counts]

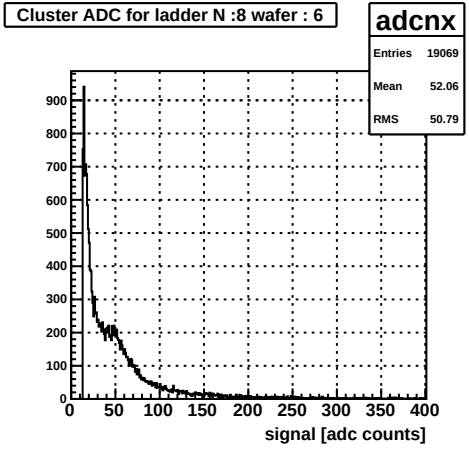

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 12226
Mean 50.42
RMS 47.16
signal [adc counts]

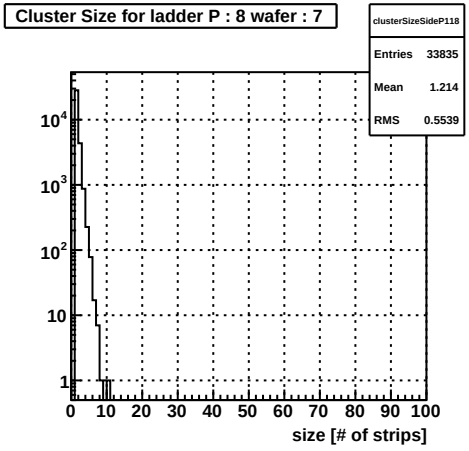

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 20840
Mean 1.207
RMS 0.5096
size [# of strips]

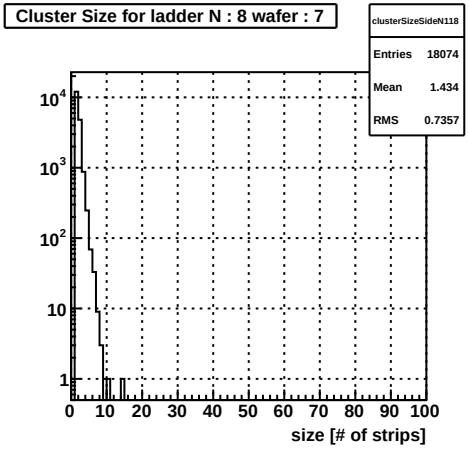

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 19069
Mean 1.408
RMS 0.7441
size [# of strips]

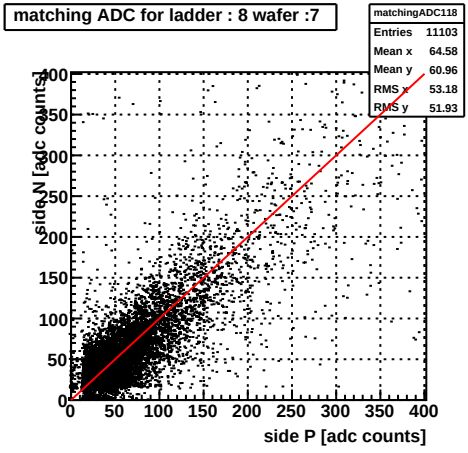

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3637
Mean x 60.53
Mean y 56.41
RMS x 58.07
RMS y 51.76
side N [adc counts]
side P [adc counts]

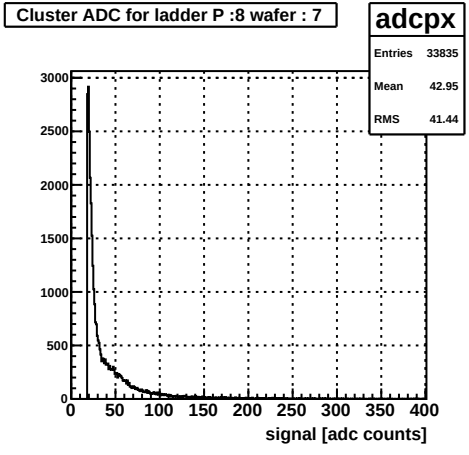

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 20840
Mean 97.96
RMS 75.61
signal [adc counts]

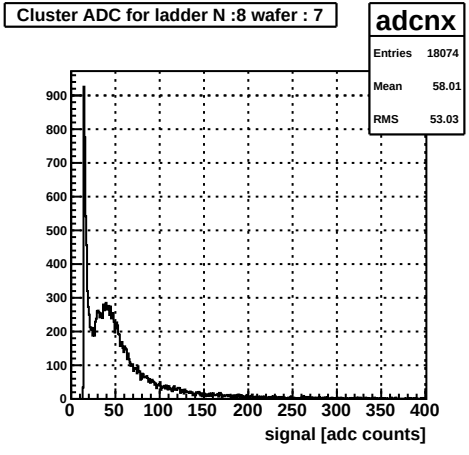

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 19069
Mean 52.06
RMS 50.79
signal [adc counts]

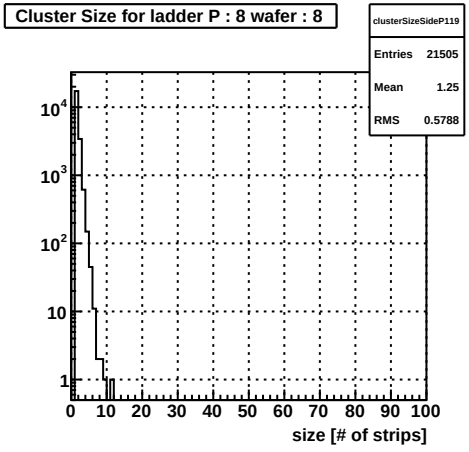

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 33835
Mean 1.214
RMS 0.5539
size [# of strips]

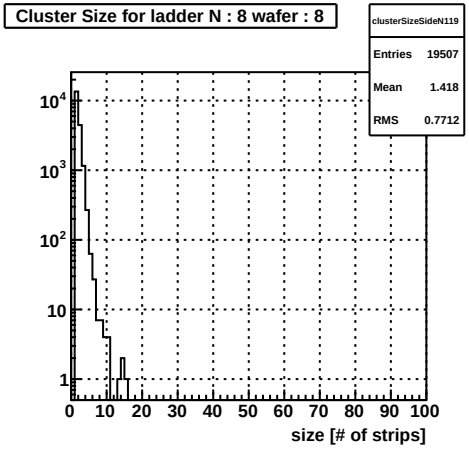

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 18074
Mean 1.434
RMS 0.7357
size [# of strips]

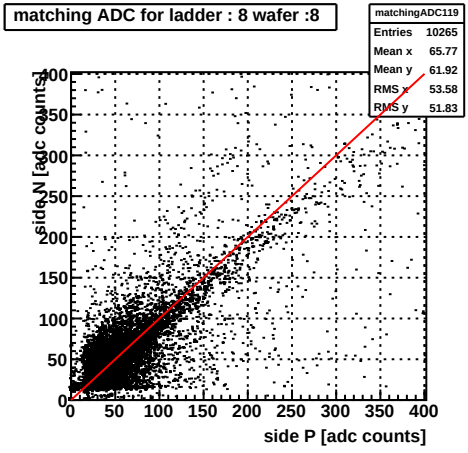

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 11103
Mean x 64.58
Mean y 60.96
RMS x 53.18
RMS y 51.93
side N [adc counts]
side P [adc counts]

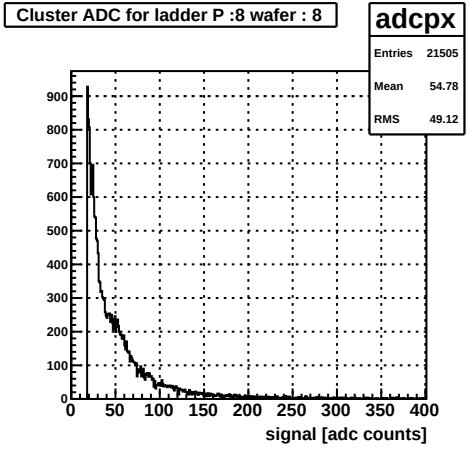

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 33835
Mean 42.95
RMS 41.44
signal [adc counts]

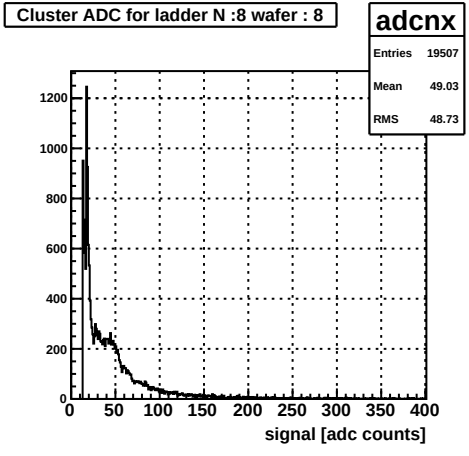

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 18074
Mean 58.01
RMS 53.03
signal [adc counts]

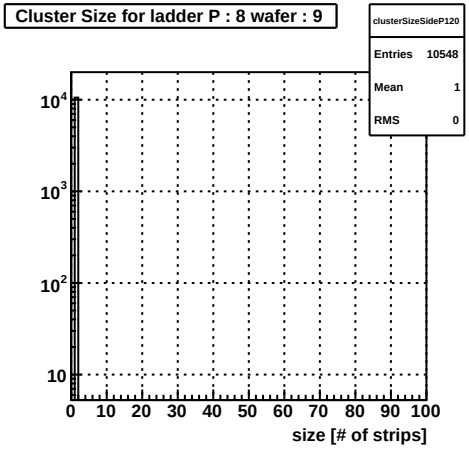

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 21505
Mean 1.25
RMS 0.5788
size [# of strips]

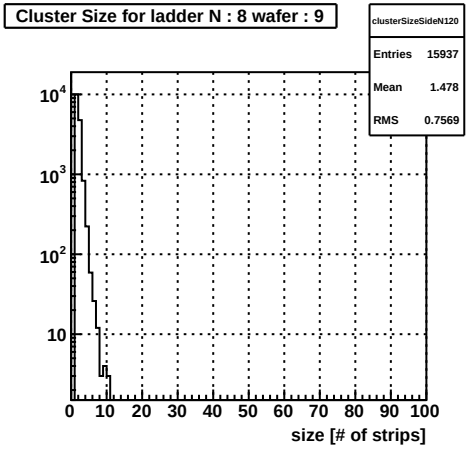

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 19507
Mean 1.418
RMS 0.7712
size [# of strips]

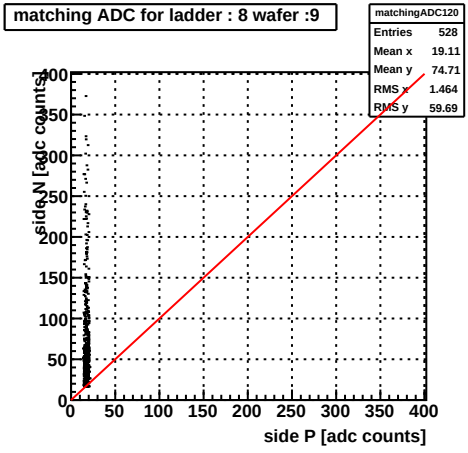

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10265
Mean x 65.77
Mean y 61.92
RMS x 53.58
RMS y 51.83
side N [adc counts]
side P [adc counts]

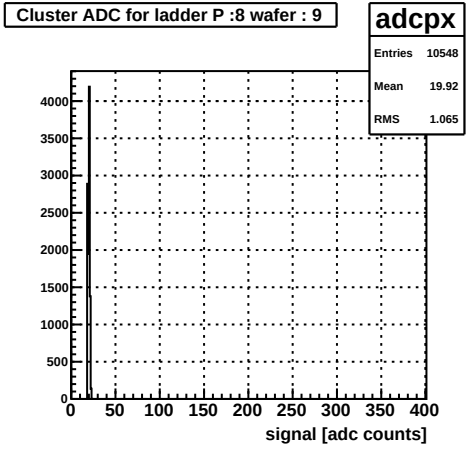

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 21505
Mean 54.78
RMS 49.12
signal [adc counts]

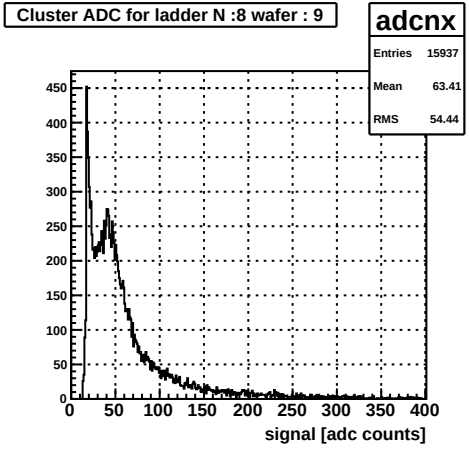

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 19507
Mean 49.03
RMS 48.73
signal [adc counts]

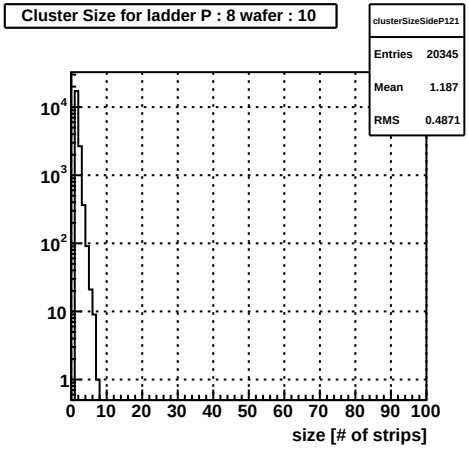

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 10548
Mean 1
RMS 0
size [# of strips]

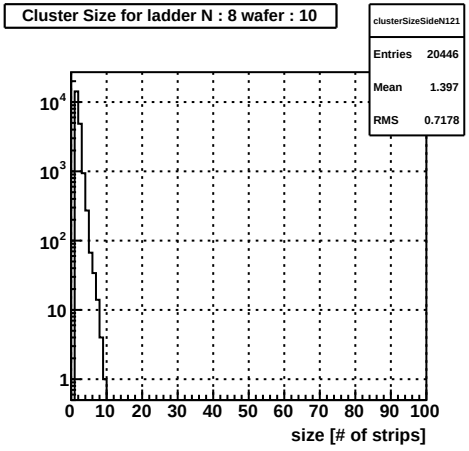

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 15937
Mean 1.478
RMS 0.7569
size [# of strips]

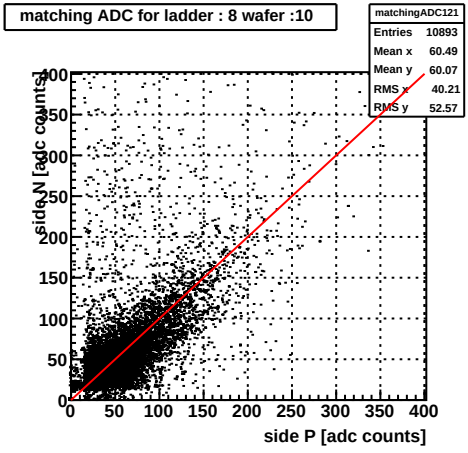

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 528
Mean x 19.11
Mean y 74.71
RMS x 1.464
RMS y 59.69
side N [adc counts]
side P [adc counts]

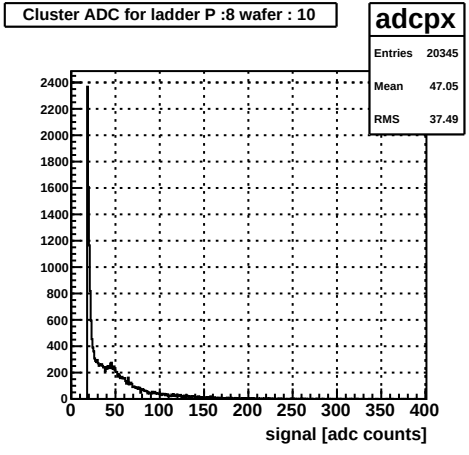

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 10548
Mean 19.92
RMS 1.065
signal [adc counts]

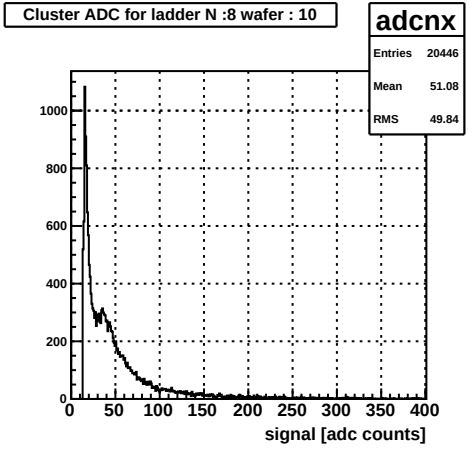

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 15937
Mean 63.41
RMS 54.44
signal [adc counts]

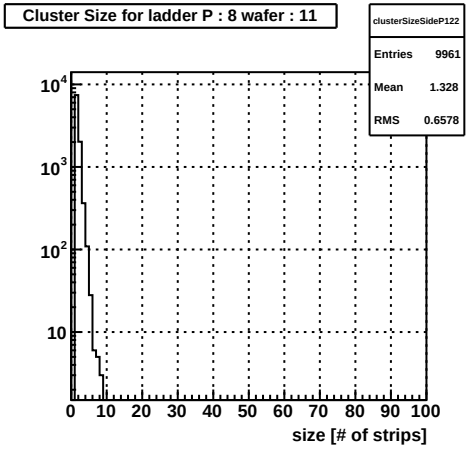

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 20345
Mean 1.187
RMS 0.4871
size [# of strips]

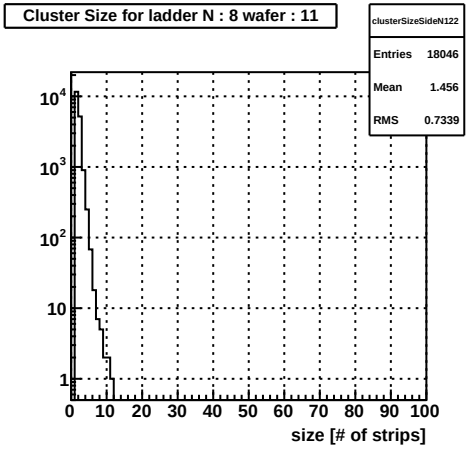

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 20446
Mean 1.397
RMS 0.7178
size [# of strips]

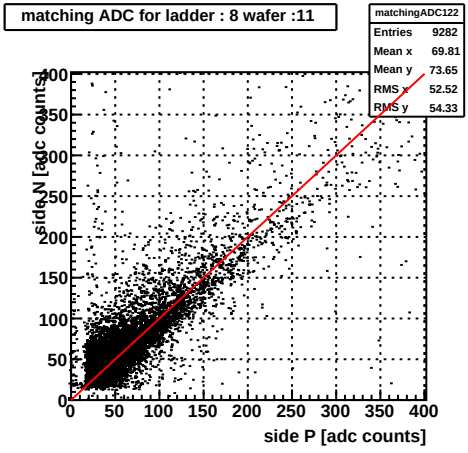

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10893
Mean x 60.49
Mean y 60.07
RMS x 40.21
RMS y 52.57
side N [adc counts]
side P [adc counts]

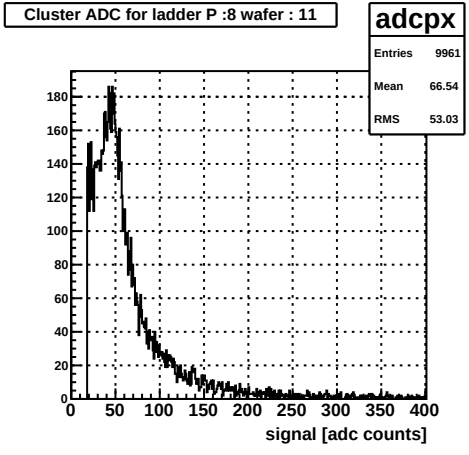

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 20345
Mean 47.05
RMS 37.49
signal [adc counts]

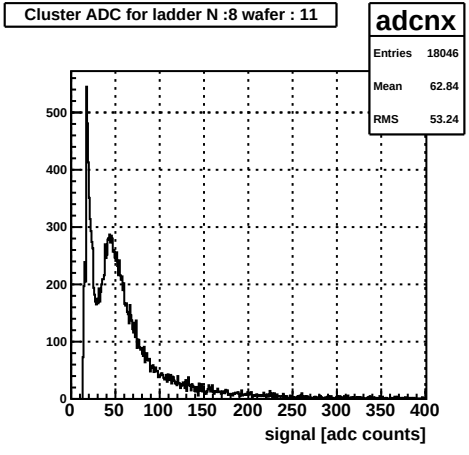

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 20446
Mean 51.08
RMS 49.84
signal [adc counts]

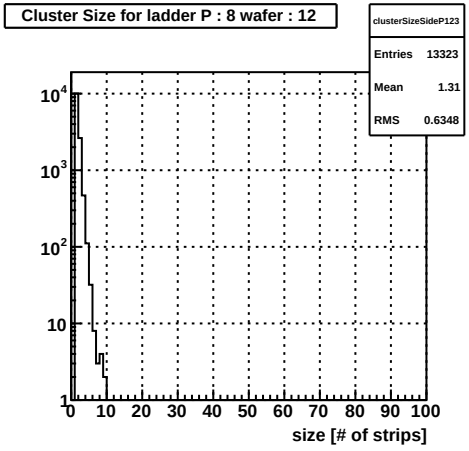

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9961
Mean 1.328
RMS 0.6578
size [# of strips]

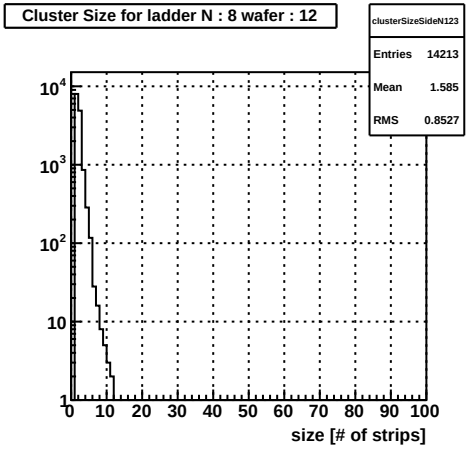

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 18046
Mean 1.456
RMS 0.7339
size [# of strips]

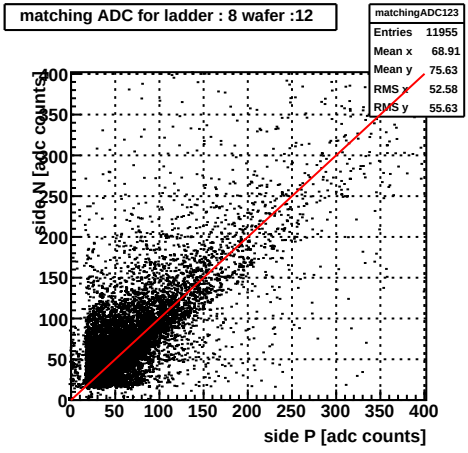

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9282
Mean x 69.81
Mean y 73.65
RMS x 52.52
RMS y 54.33
side N [adc counts]
side P [adc counts]

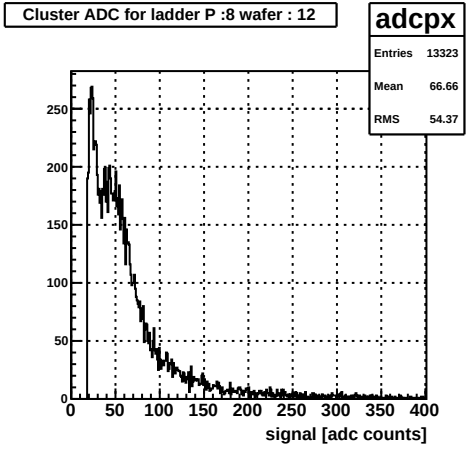

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9961
Mean 66.54
RMS 53.03
signal [adc counts]

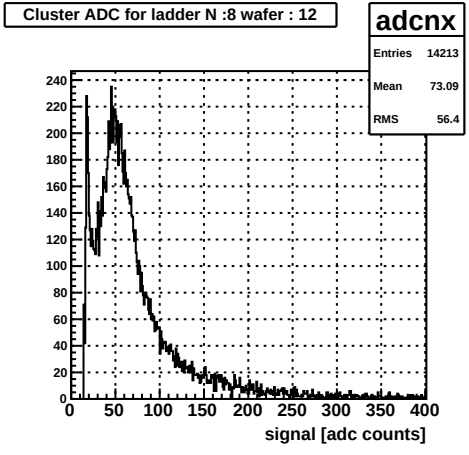

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 18046
Mean 62.84
RMS 53.24
signal [adc counts]

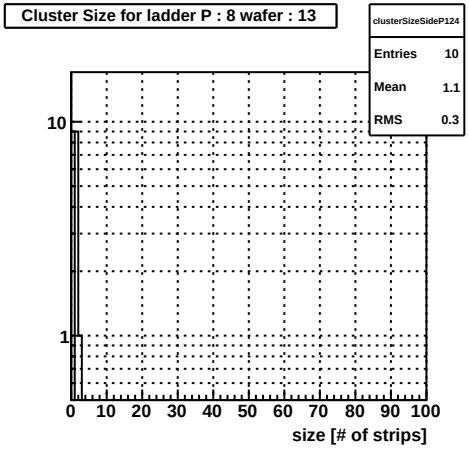

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 13323
Mean 1.31
RMS 0.6348
size [# of strips]

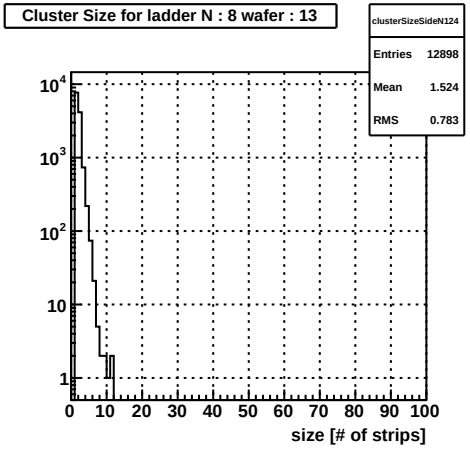

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 14213
Mean 1.585
RMS 0.8527
size [# of strips]

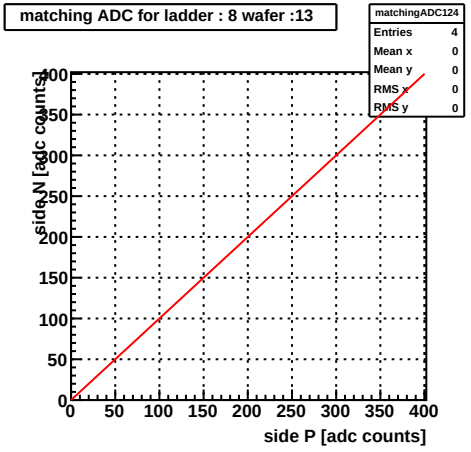

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 11955
Mean x 68.91
Mean y 75.63
RMS x 52.58
RMS y 55.63
side N [adc counts]
side P [adc counts]

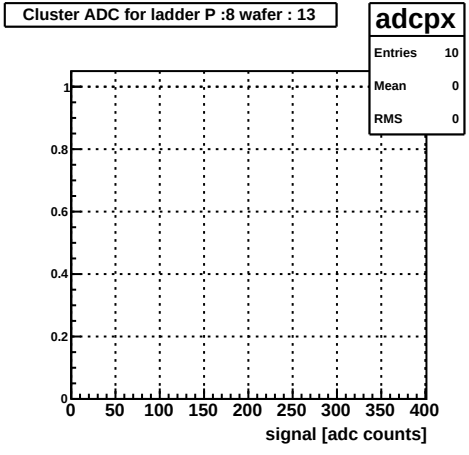

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 13323
Mean 66.66
RMS 54.37
signal [adc counts]

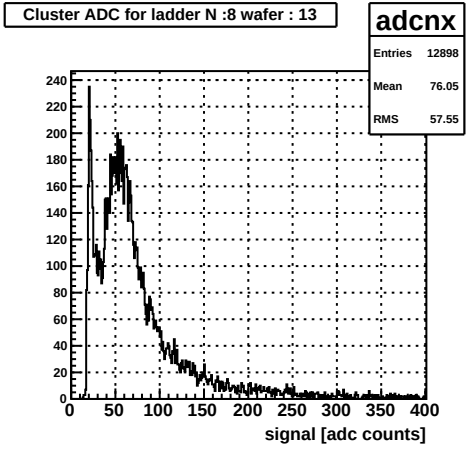

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 14213
Mean 73.09
RMS 56.4
signal [adc counts]

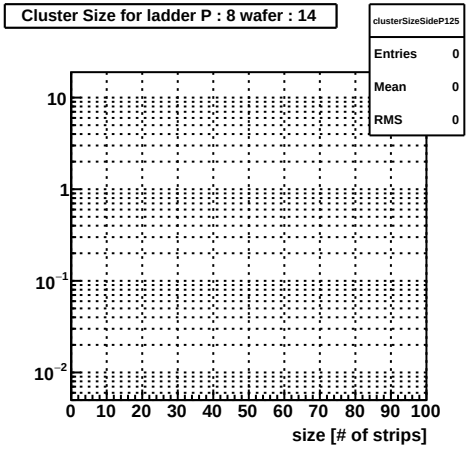

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

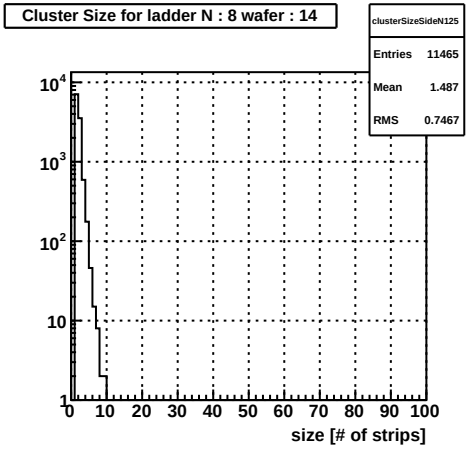

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12898
Mean 1.524
RMS 0.783
size [# of strips]

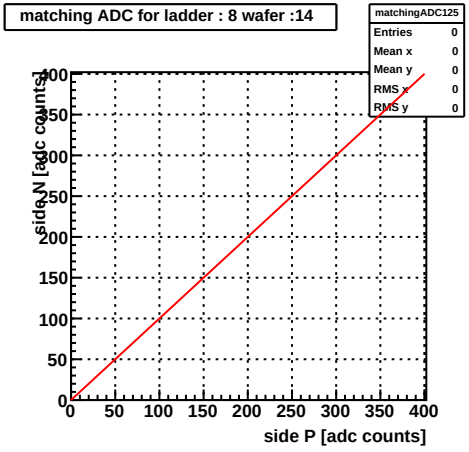

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

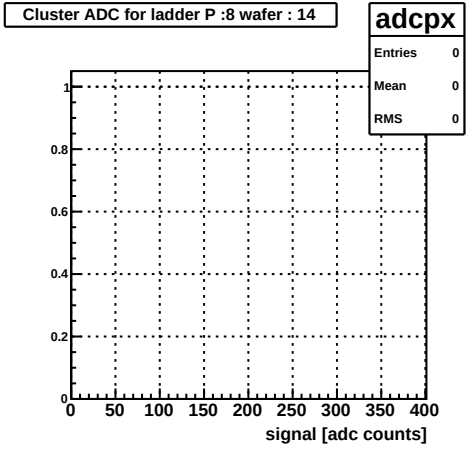

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

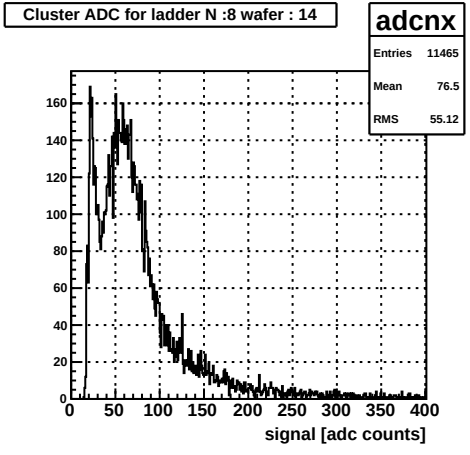

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12898
Mean 76.05
RMS 57.55
signal [adc counts]

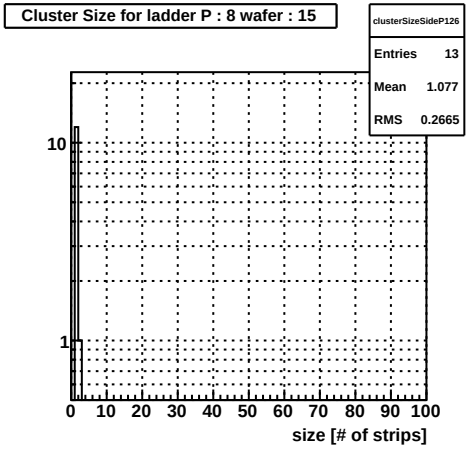

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

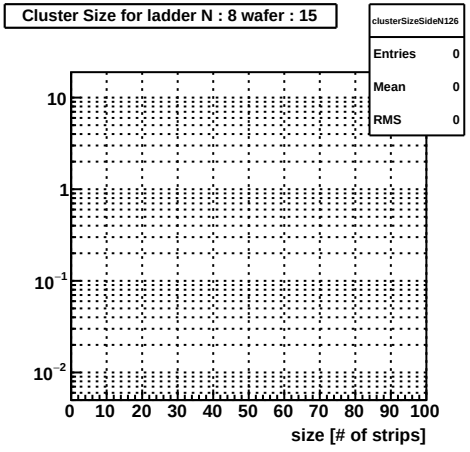

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 11465
Mean 1.487
RMS 0.7467
size [# of strips]

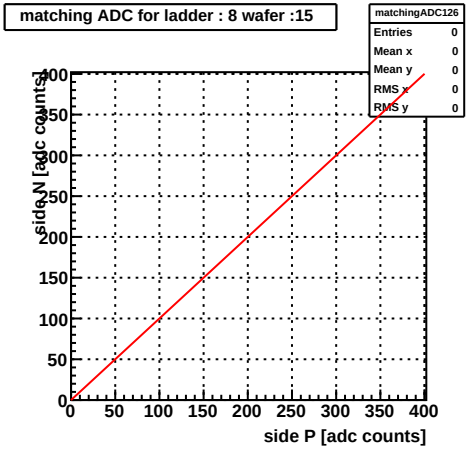

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

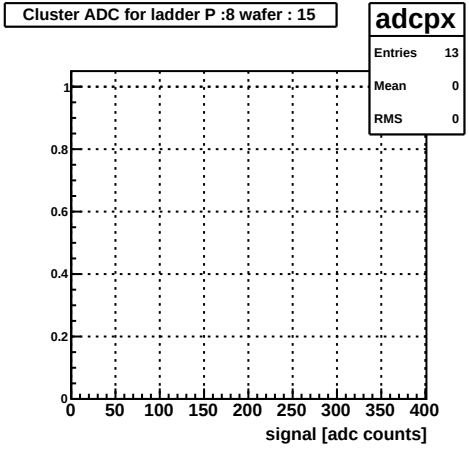

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

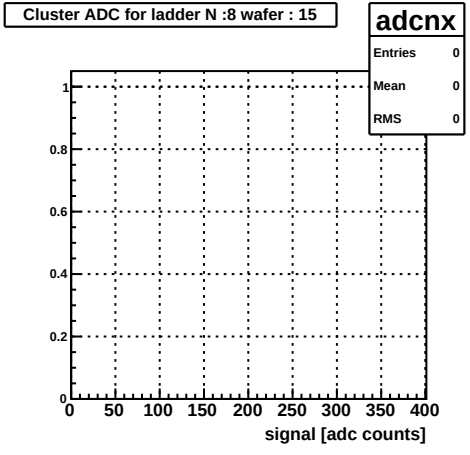

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 11465
Mean 76.5
RMS 55.12
signal [adc counts]

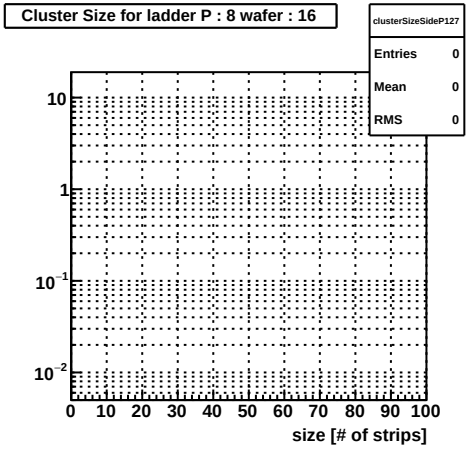

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

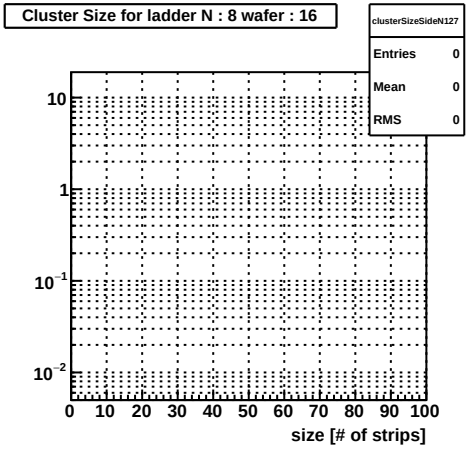

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

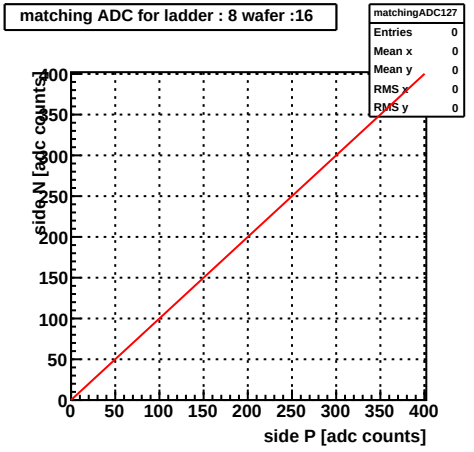

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

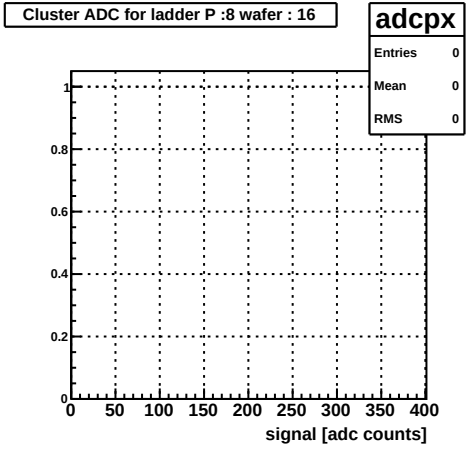

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

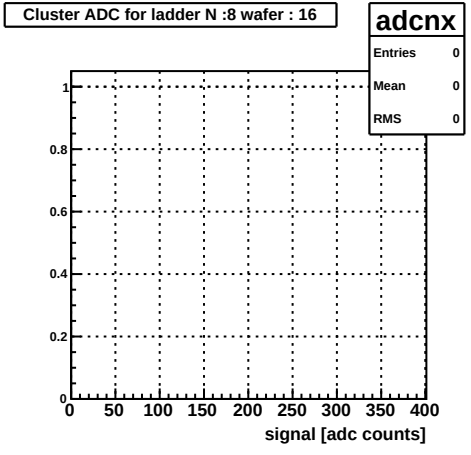

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

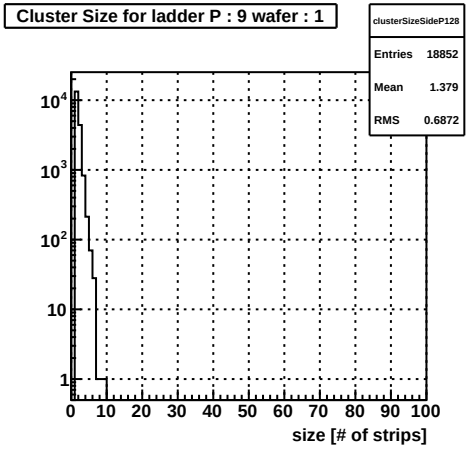

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

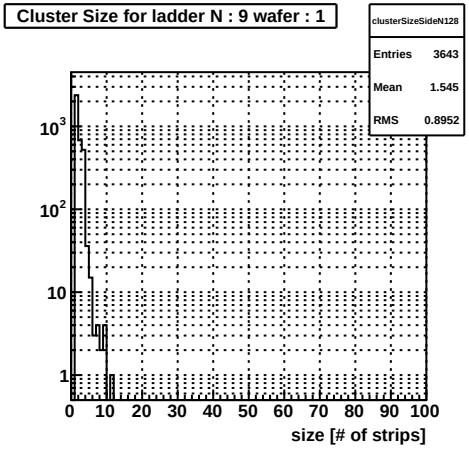

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

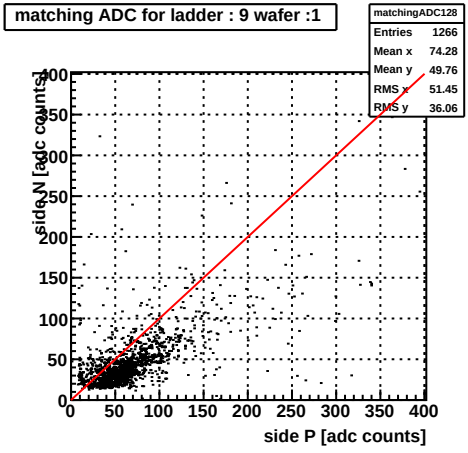

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

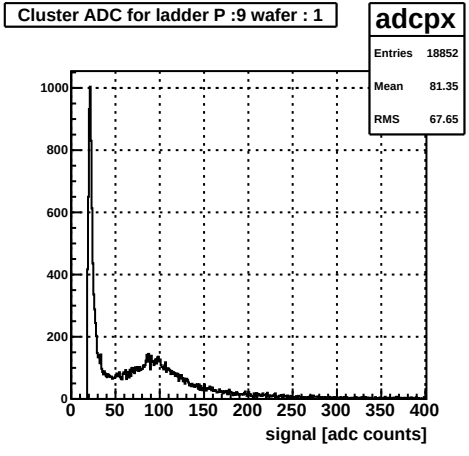

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

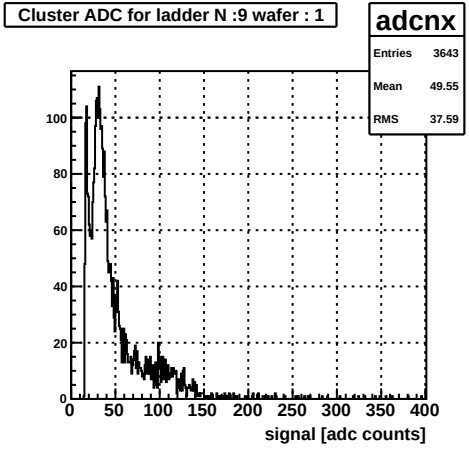

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

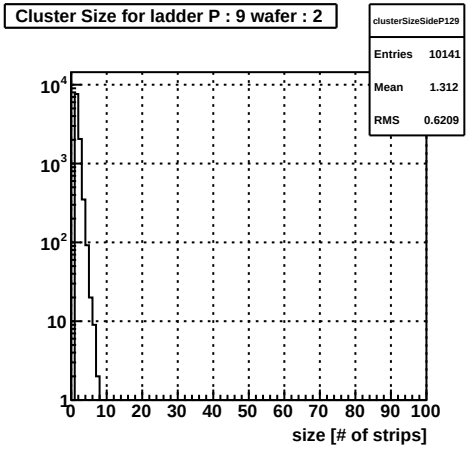

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 18852
Mean 1.379
RMS 0.6872
size [# of strips]

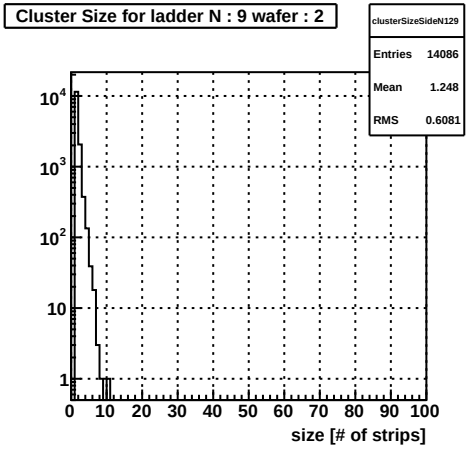

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3643
Mean 1.545
RMS 0.8952
size [# of strips]

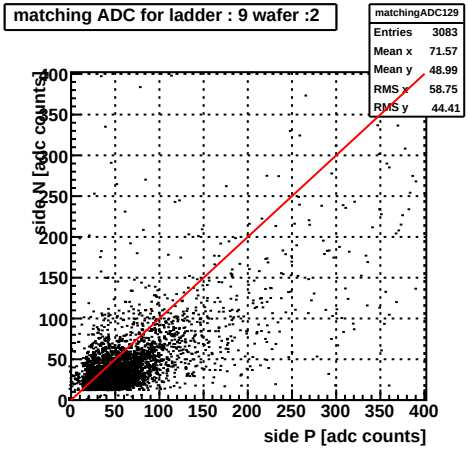

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1266
Mean x 74.28
Mean y 49.76
RMS x 51.45
RMS y 36.06
side N [adc counts]
side P [adc counts]

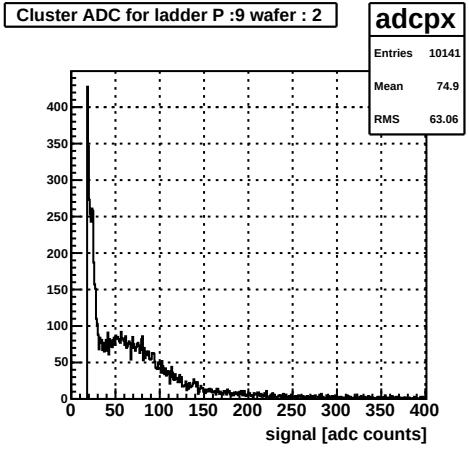

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 18852
Mean 81.35
RMS 67.65
signal [adc counts]

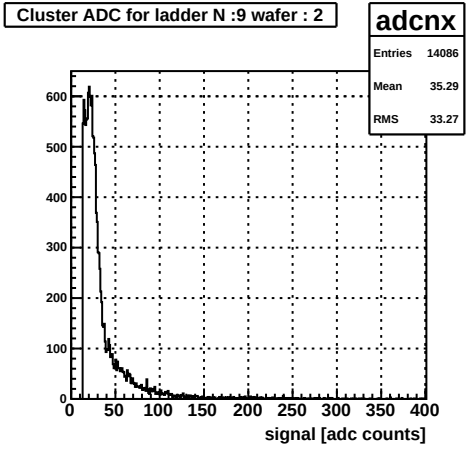

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3643
Mean 49.55
RMS 37.59
signal [adc counts]

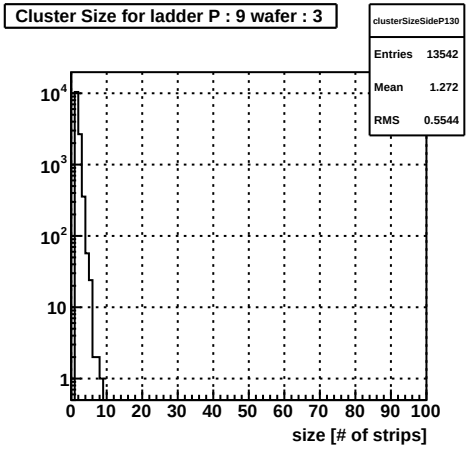

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10141
Mean 1.312
RMS 0.6209
size [# of strips]

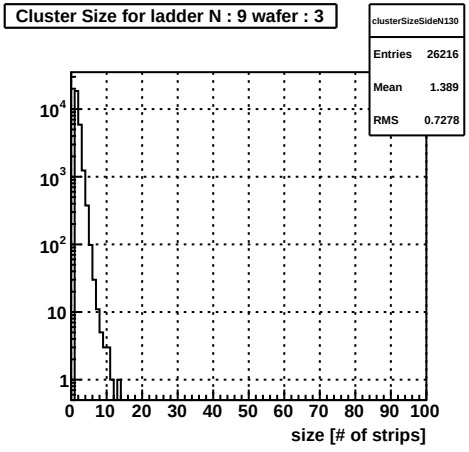

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 14086
Mean 1.248
RMS 0.6081
size [# of strips]

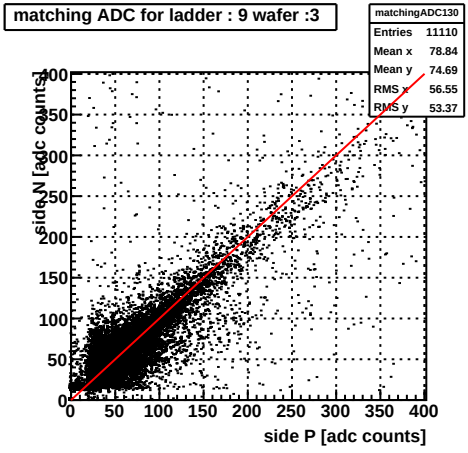

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3083
Mean x 71.57
Mean y 48.99
RMS x 58.75
RMS y 44.41
side N [adc counts]
side P [adc counts]

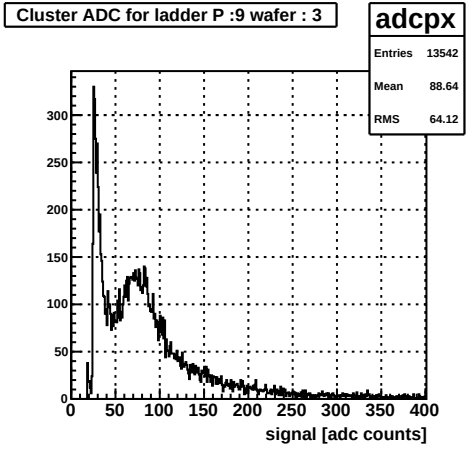

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10141
Mean 74.9
RMS 63.06
signal [adc counts]

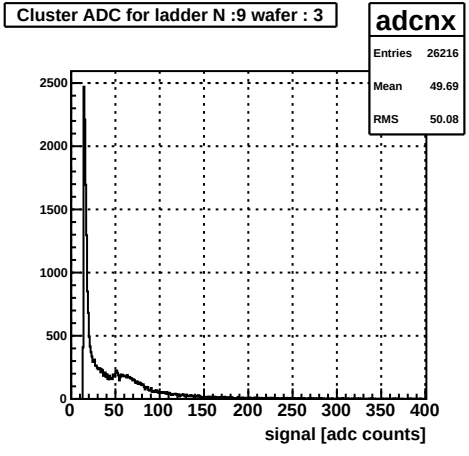

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 14086
Mean 35.29
RMS 33.27
signal [adc counts]

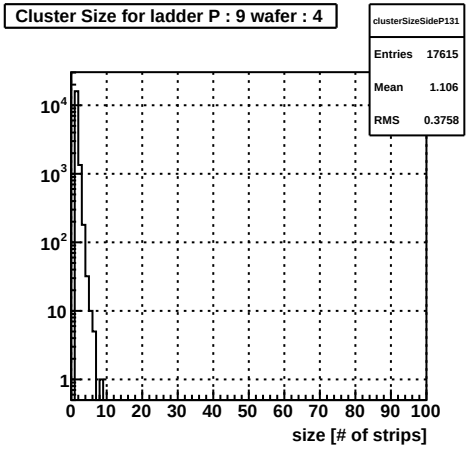

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 13542
Mean 1.272
RMS 0.5544
size [# of strips]

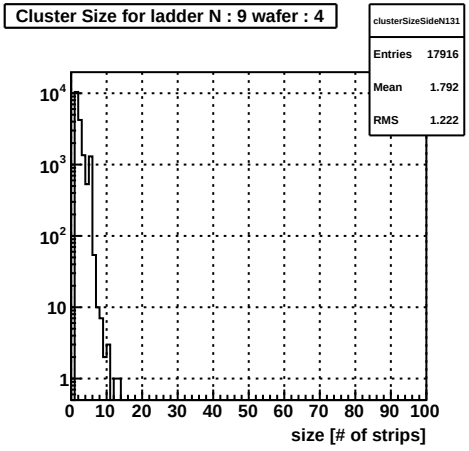

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 26216
Mean 1.389
RMS 0.7278
size [# of strips]

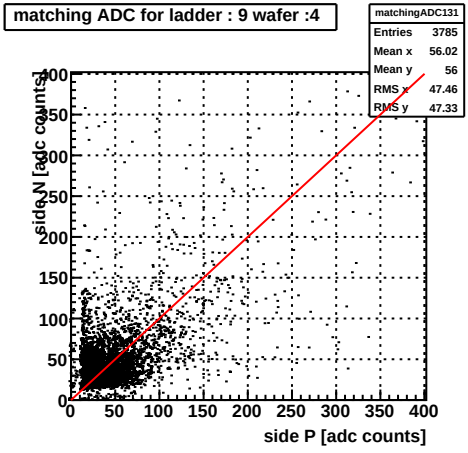

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 11110
Mean x 78.84
Mean y 74.69
RMS x 56.55
RMS y 53.37
side N [adc counts]
side P [adc counts]

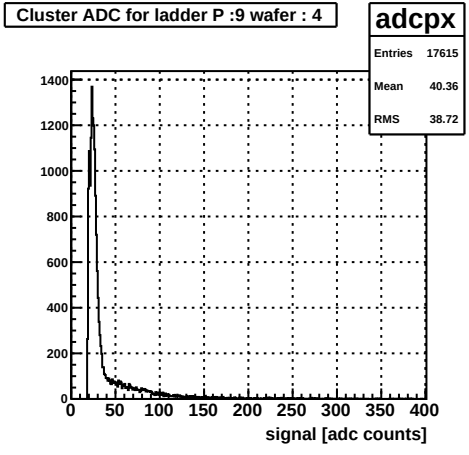

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 13542
Mean 88.64
RMS 64.12
signal [adc counts]

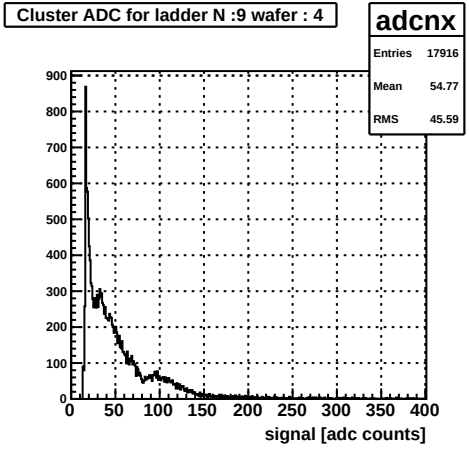

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 26216
Mean 49.69
RMS 50.08
signal [adc counts]

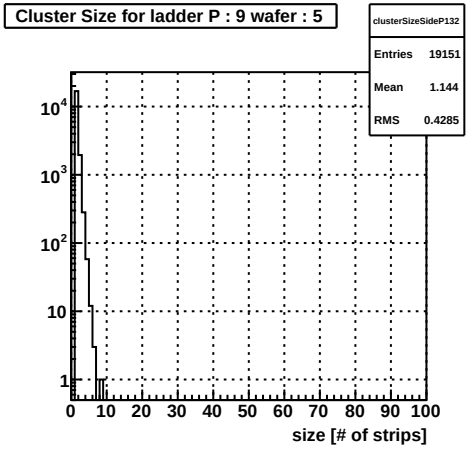

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17615
Mean 1.106
RMS 0.3758
size [# of strips]

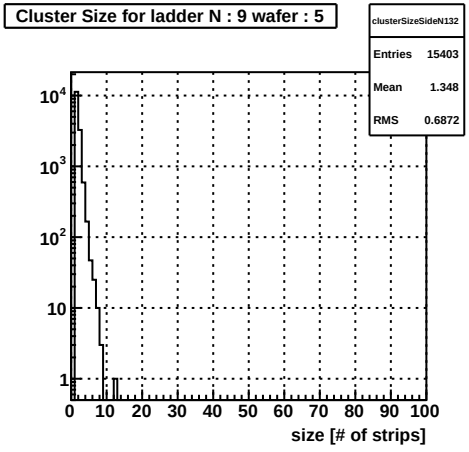

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 17916
Mean 1.792
RMS 1.222
size [# of strips]

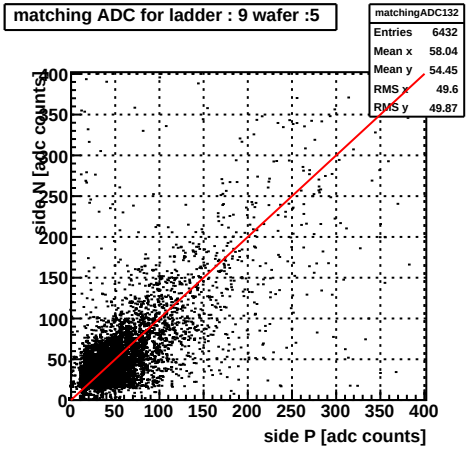

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3785
Mean x 56.02
Mean y 56
RMS x 47.46
RMS y 47.33
side N [adc counts]
side P [adc counts]

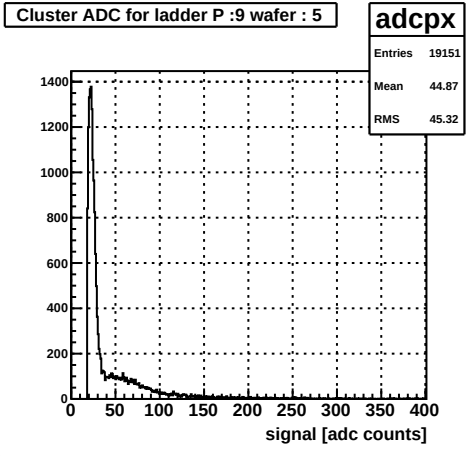

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17615
Mean 40.36
RMS 38.72
signal [adc counts]

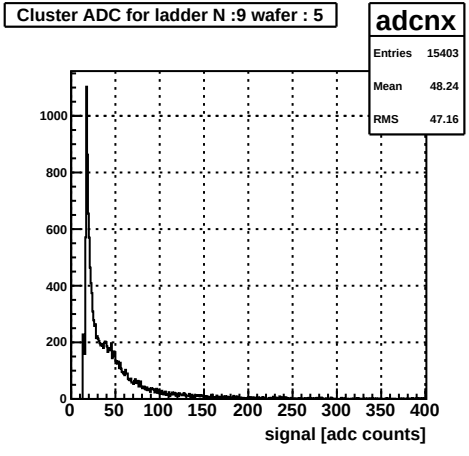

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 17916
Mean 54.77
RMS 45.59
signal [adc counts]

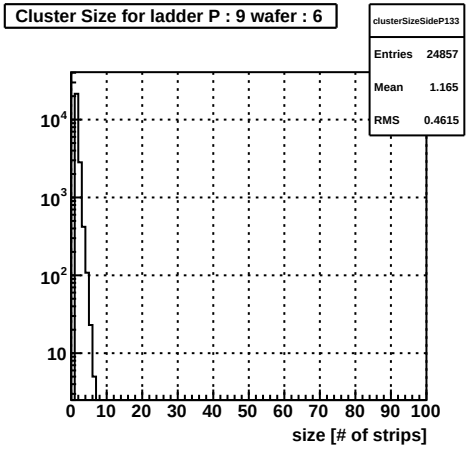

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19151
Mean 1.144
RMS 0.4285
size [# of strips]

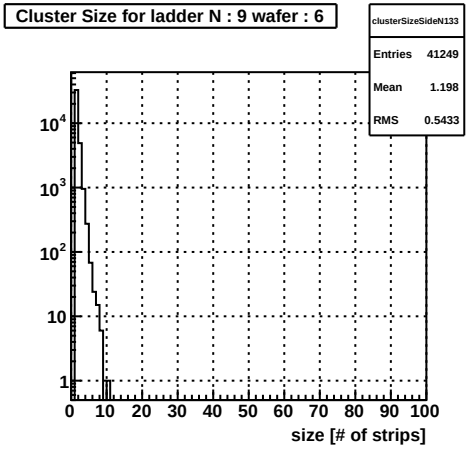

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 15403
Mean 1.348
RMS 0.6872
size [# of strips]

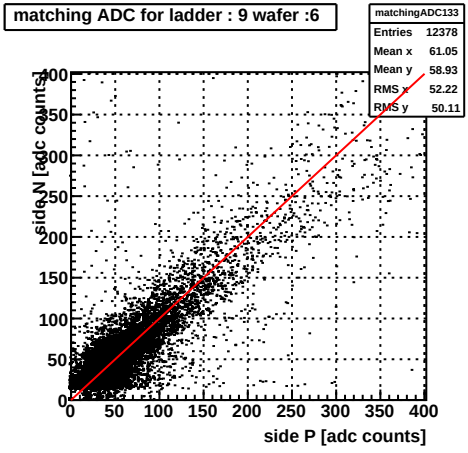

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6432
Mean x 58.04
Mean y 54.45
RMS x 49.6
RMS y 49.87
side N [adc counts]
side P [adc counts]

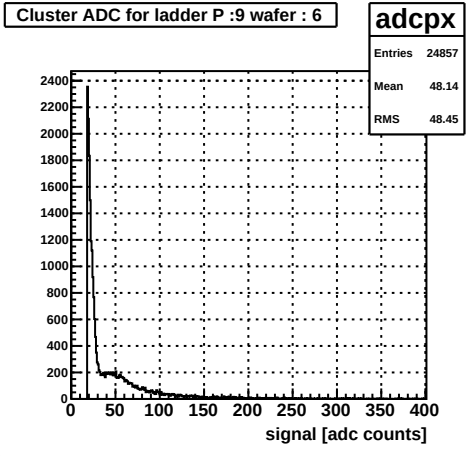

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19151
Mean 44.87
RMS 45.32
signal [adc counts]

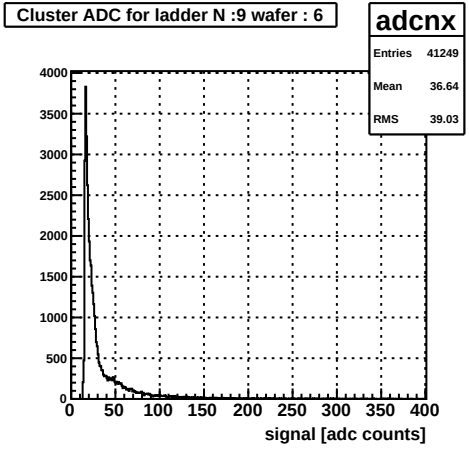

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 15403
Mean 48.24
RMS 47.16
signal [adc counts]

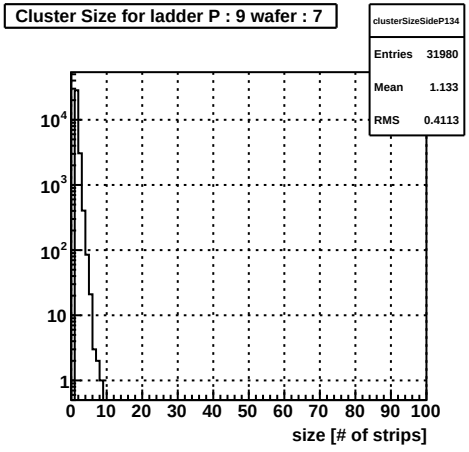

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 24857
Mean 1.165
RMS 0.4615
size [# of strips]

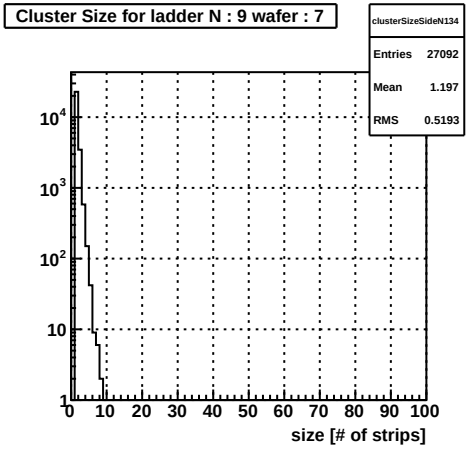

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 41249
Mean 1.198
RMS 0.5433
size [# of strips]

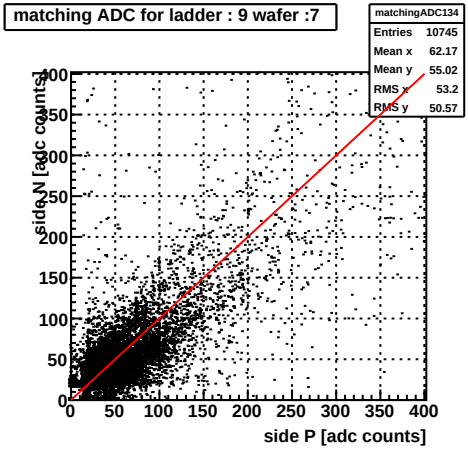

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12378
Mean x 61.05
Mean y 58.93
RMS x 52.22
RMS y 50.11
side N [adc counts]
side P [adc counts]

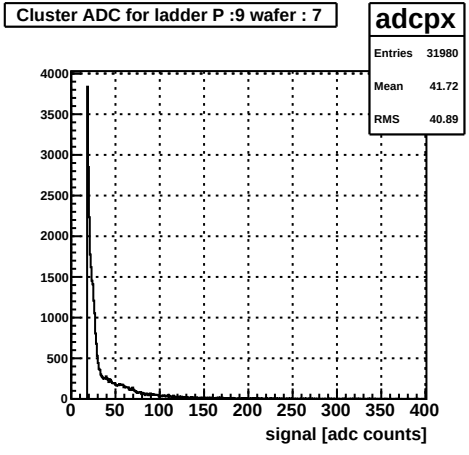

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 24857
Mean 48.14
RMS 48.45
signal [adc counts]

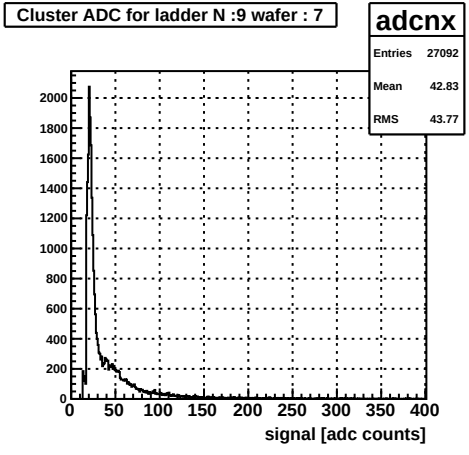

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 41249
Mean 36.64
RMS 39.03
signal [adc counts]

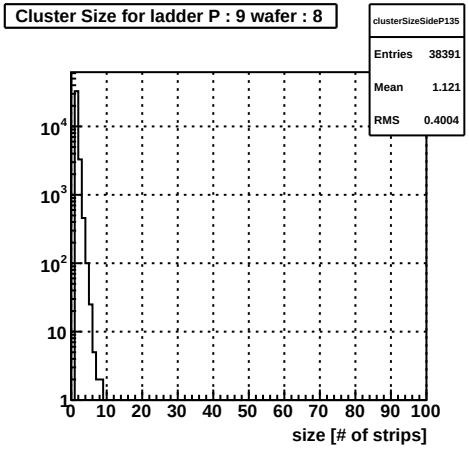

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 31980
Mean 1.133
RMS 0.4113
size [# of strips]

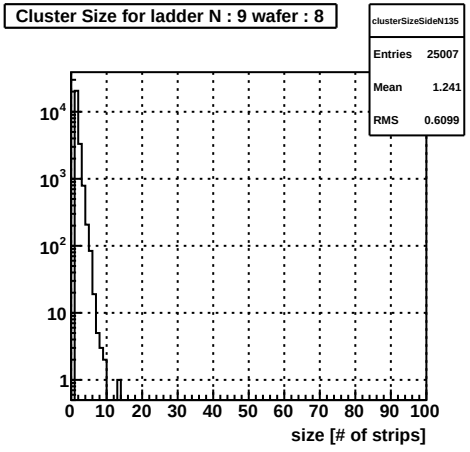

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 27092
Mean 1.197
RMS 0.5193
size [# of strips]

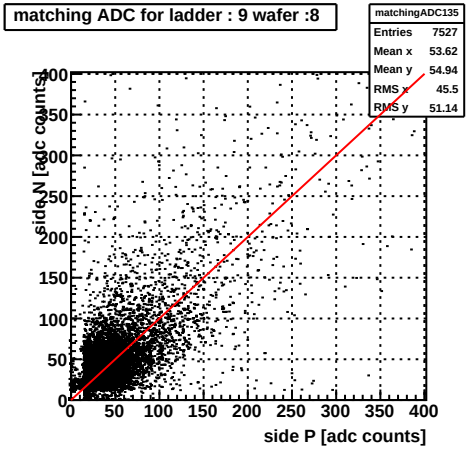

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10745
Mean x 62.17
Mean y 55.02
RMS x 53.2
RMS y 50.57
side N [adc counts]
side P [adc counts]

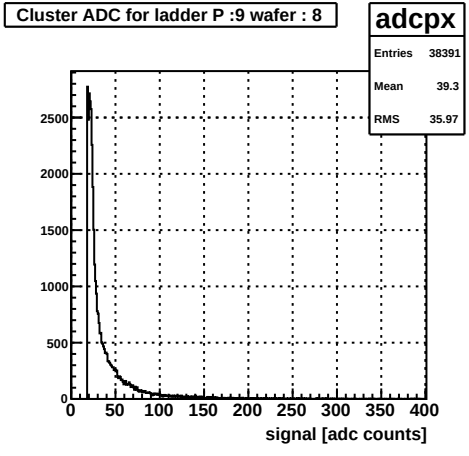

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 31980
Mean 41.72
RMS 40.89
signal [adc counts]

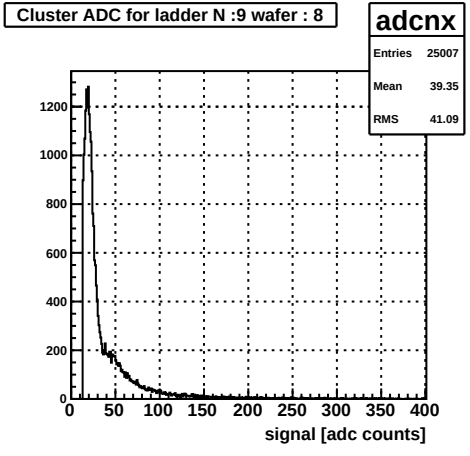

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 27092
Mean 42.83
RMS 43.77
signal [adc counts]

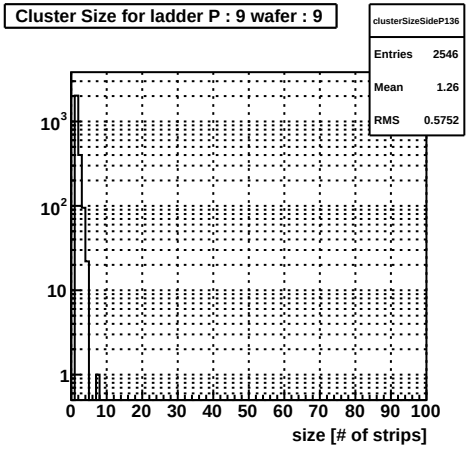

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 38391
Mean 1.121
RMS 0.4004
size [# of strips]

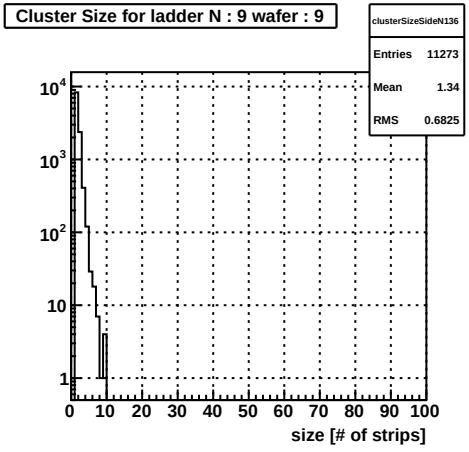

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 25007
Mean 1.241
RMS 0.6099
size [# of strips]

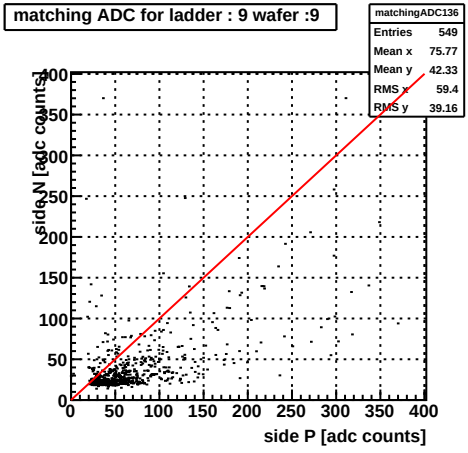

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 7527
Mean x 53.62
Mean y 54.94
RMS x 45.5
RMS y 51.14
side N [adc counts]
side P [adc counts]

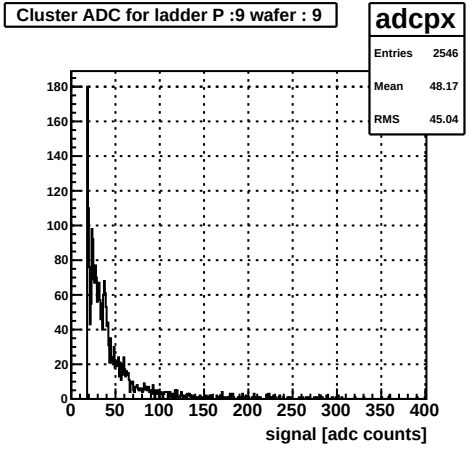

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 38391
Mean 39.3
RMS 35.97
signal [adc counts]

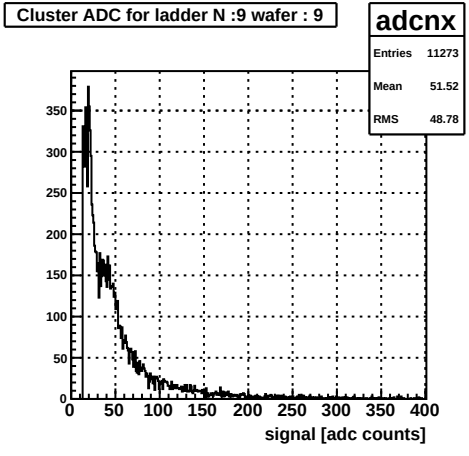

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 25007
Mean 39.35
RMS 41.09
signal [adc counts]

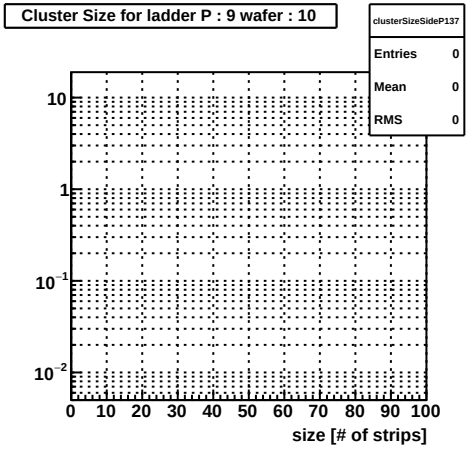

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2546
Mean 1.26
RMS 0.5752
size [# of strips]

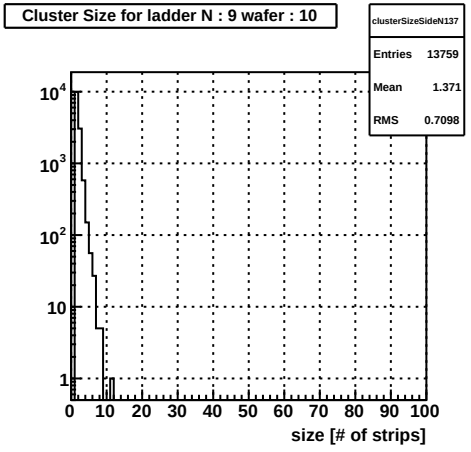

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11273
Mean 1.34
RMS 0.6825
size [# of strips]

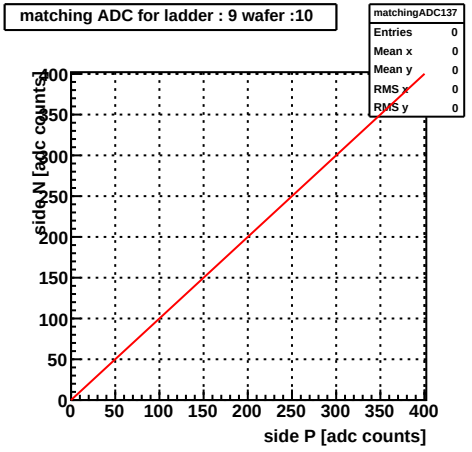

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 549
Mean x 75.77
Mean y 42.33
RMS x 59.4
RMS y 39.16
side N [adc counts]
side P [adc counts]

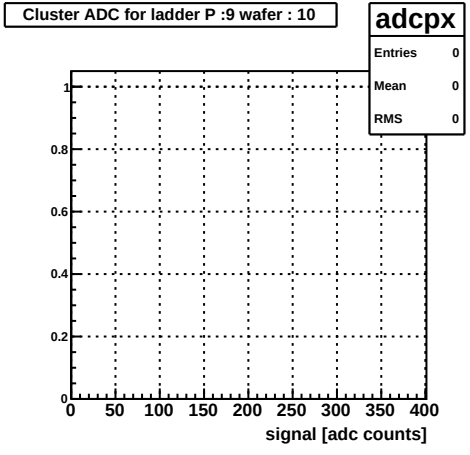

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2546
Mean 48.17
RMS 45.04
signal [adc counts]

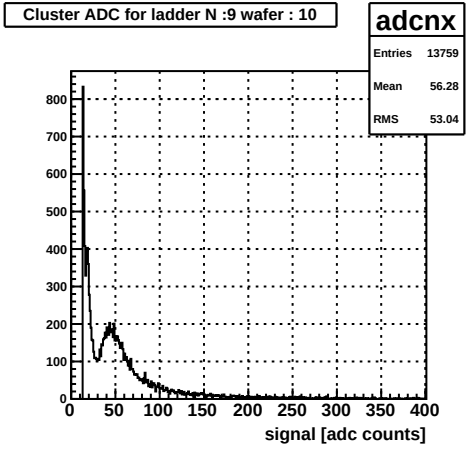

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11273
Mean 51.52
RMS 48.78
signal [adc counts]

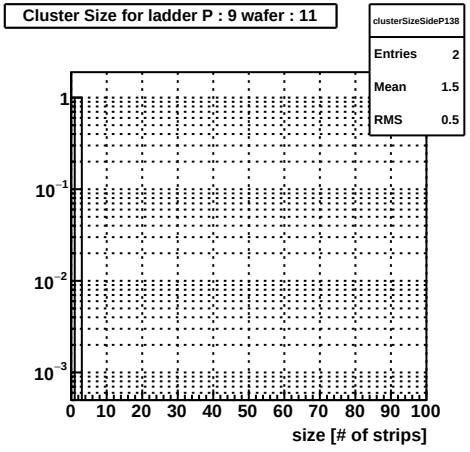

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

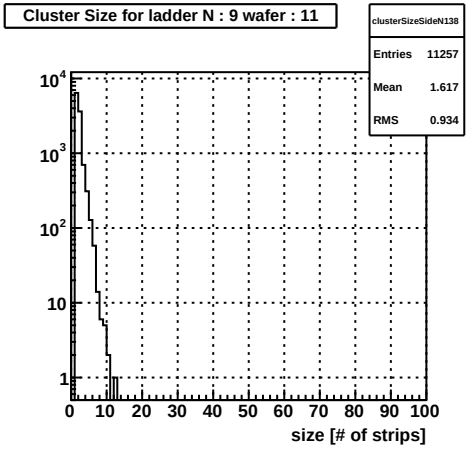

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13759
Mean 1.371
RMS 0.7098
size [# of strips]

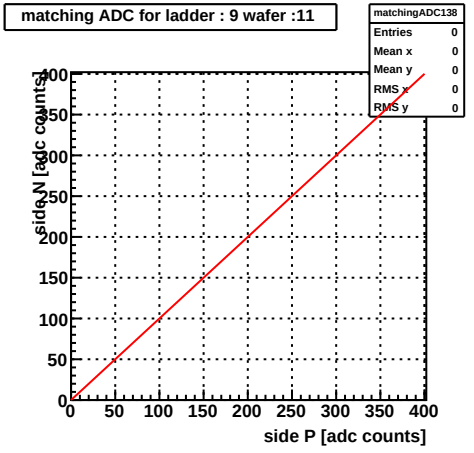

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

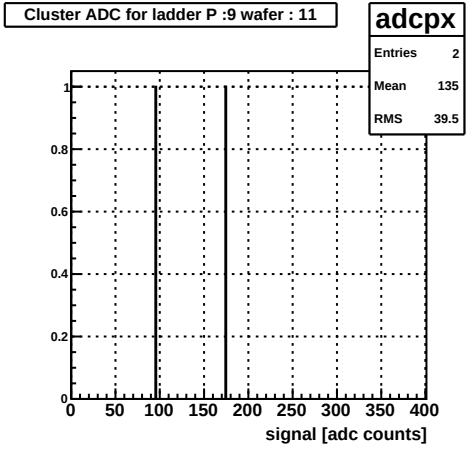

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

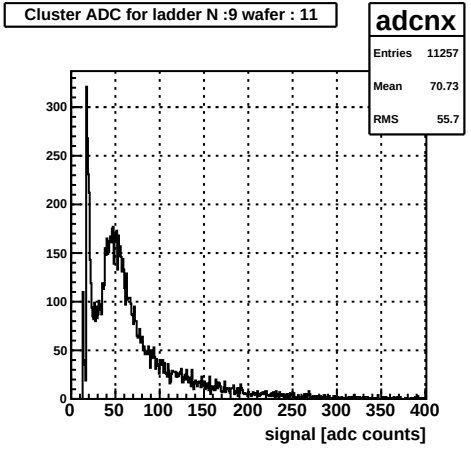

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13759
Mean 56.28
RMS 53.04
signal [adc counts]

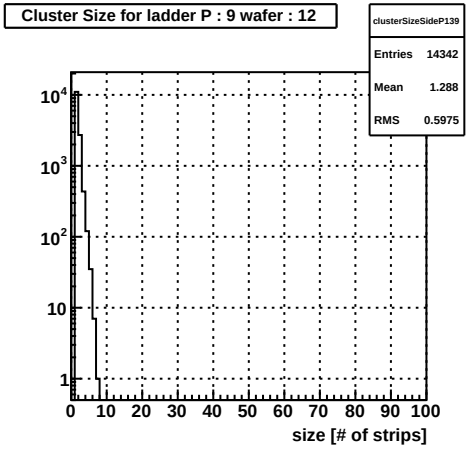

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

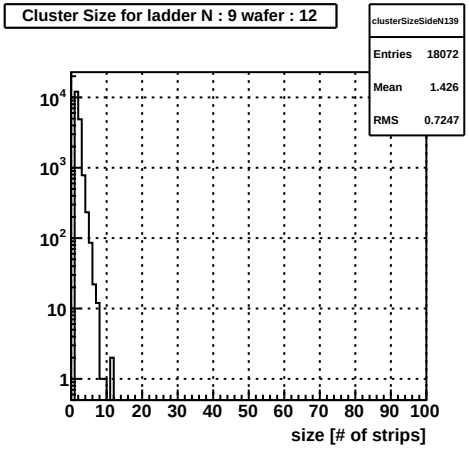

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11257
Mean 1.617
RMS 0.934
size [# of strips]

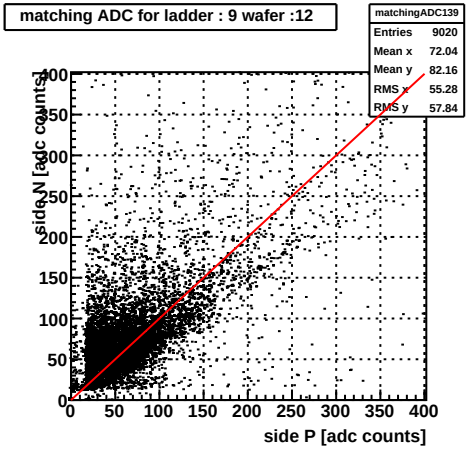

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

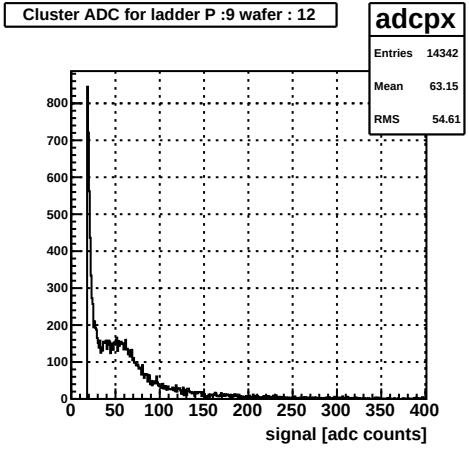

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 135
RMS 39.5
signal [adc counts]

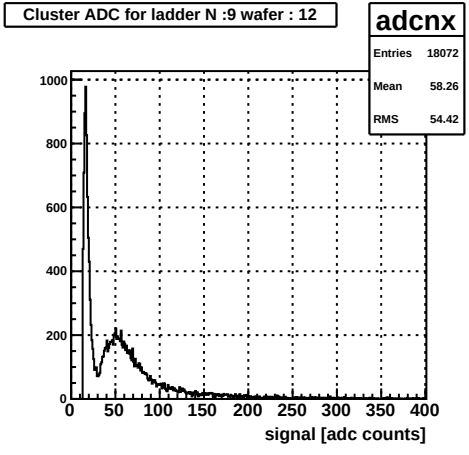

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11257
Mean 70.73
RMS 55.7
signal [adc counts]

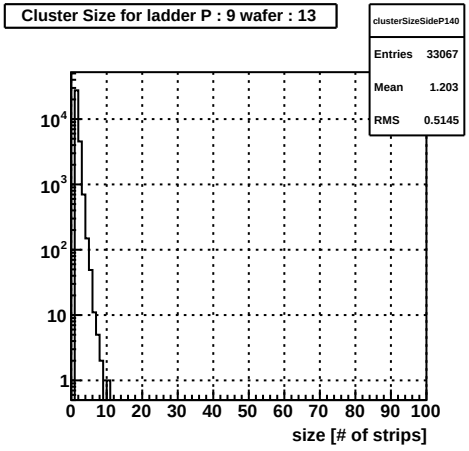

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 14342
Mean 1.288
RMS 0.5975
size [# of strips]

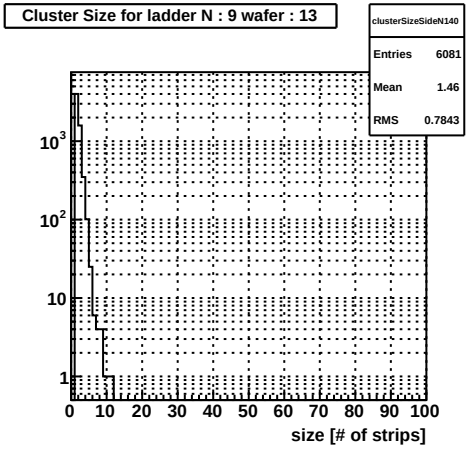

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 18072
Mean 1.426
RMS 0.7247
size [# of strips]

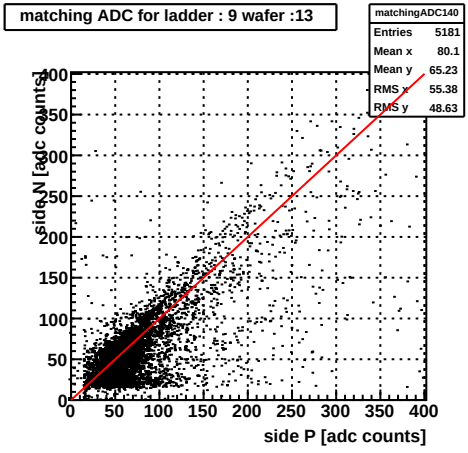

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9020
Mean x 72.04
Mean y 82.16
RMS x 55.28
RMS y 57.84
side N [adc counts]
side P [adc counts]

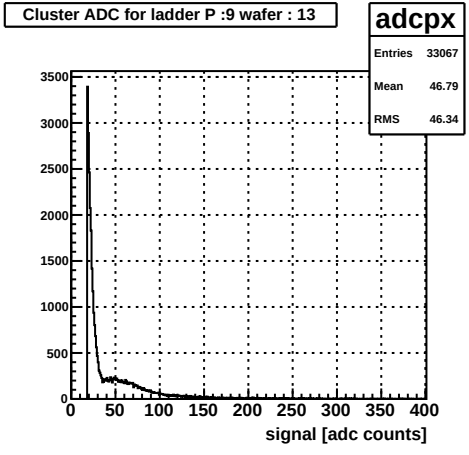

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 14342
Mean 63.15
RMS 54.61
signal [adc counts]

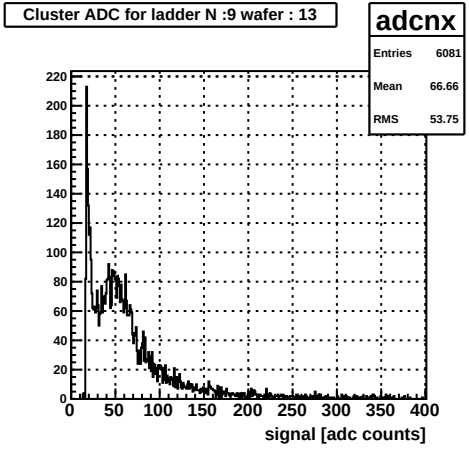

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 18072
Mean 58.26
RMS 54.42
signal [adc counts]

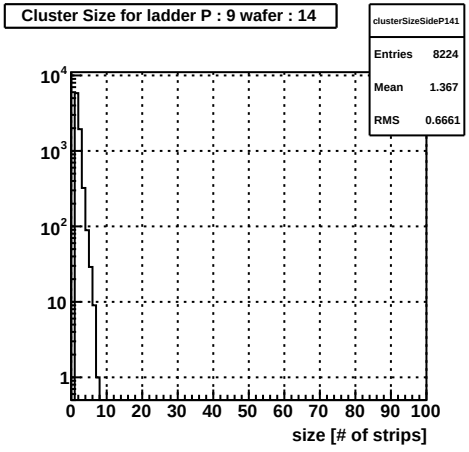

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 33067
Mean 1.203
RMS 0.5145
size [# of strips]

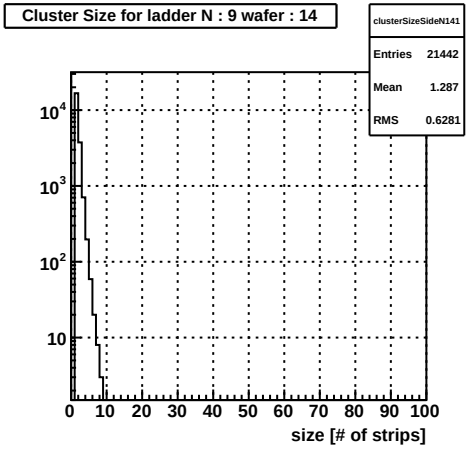

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6081
Mean 1.46
RMS 0.7843
size [# of strips]

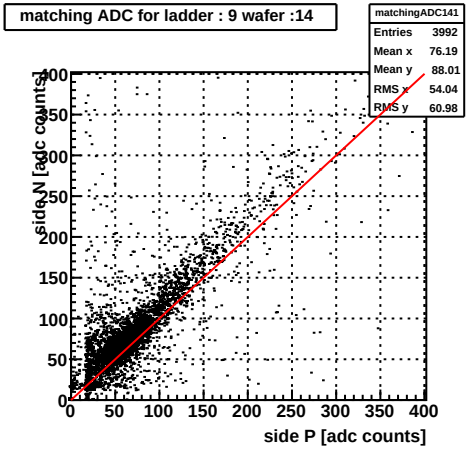

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5181
Mean x 80.1
Mean y 65.23
RMS x 55.38
RMS y 48.63
side N [adc counts]
side P [adc counts]

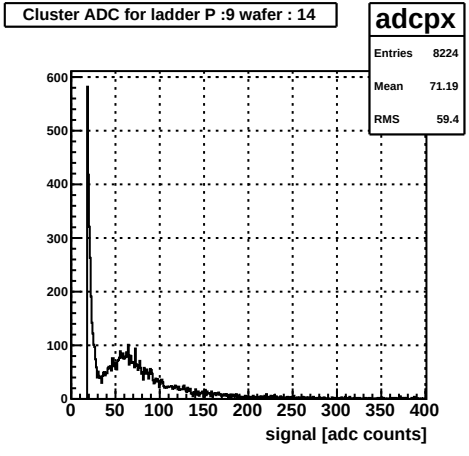

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 33067
Mean 46.79
RMS 46.34
signal [adc counts]

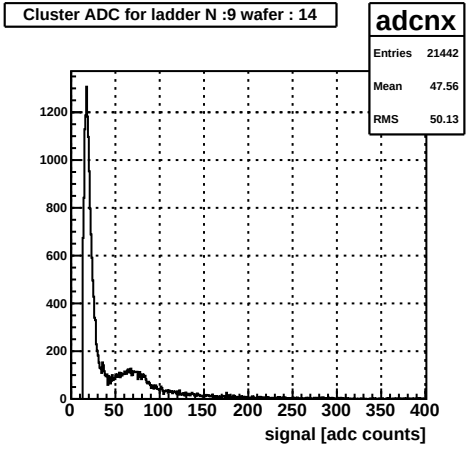

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6081
Mean 66.66
RMS 53.75
signal [adc counts]

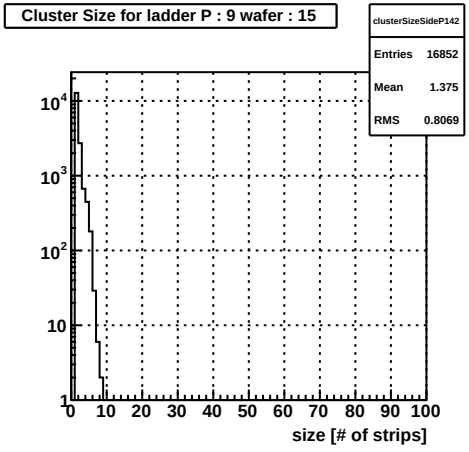

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8224
Mean 1.367
RMS 0.6661
size [# of strips]

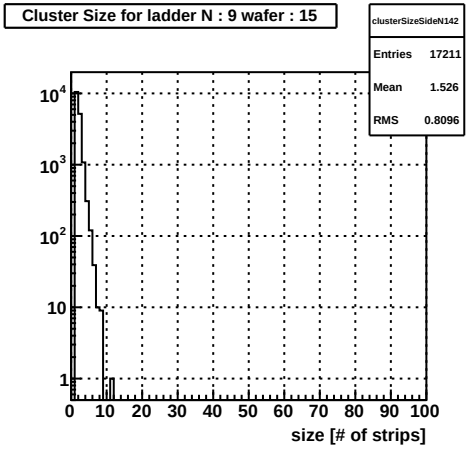

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 21442
Mean 1.287
RMS 0.6281
size [# of strips]

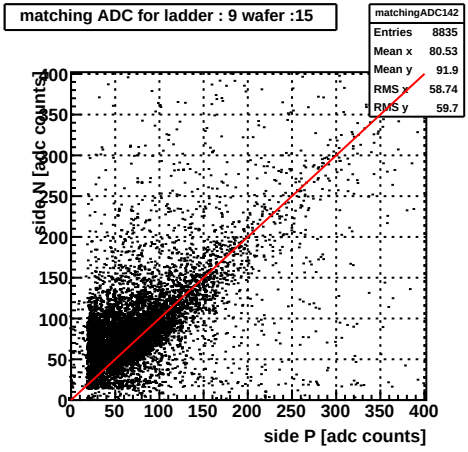

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3992
Mean x 76.19
Mean y 88.01
RMS x 54.04
RMS y 60.98
side N [adc counts]
side P [adc counts]

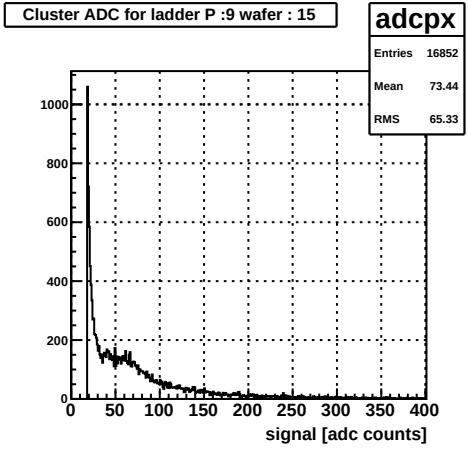

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8224
Mean 71.19
RMS 59.4
signal [adc counts]

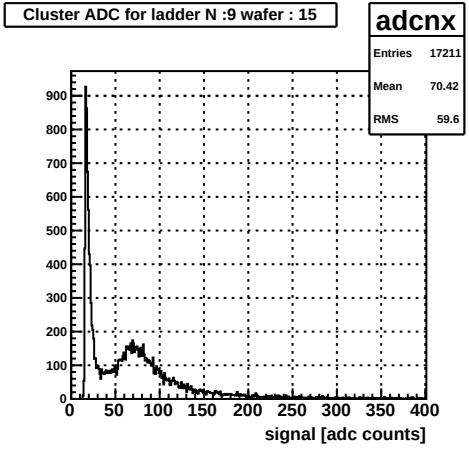

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 21442
Mean 47.56
RMS 50.13
signal [adc counts]

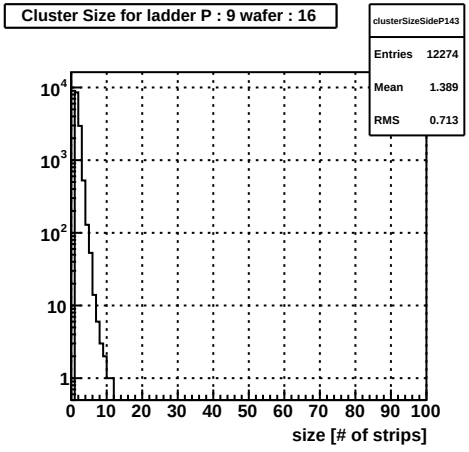

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 16852
Mean 1.375
RMS 0.8069
size [# of strips]

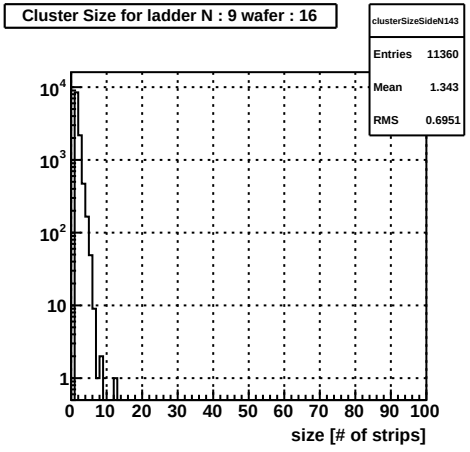

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 17211
Mean 1.526
RMS 0.8096
size [# of strips]

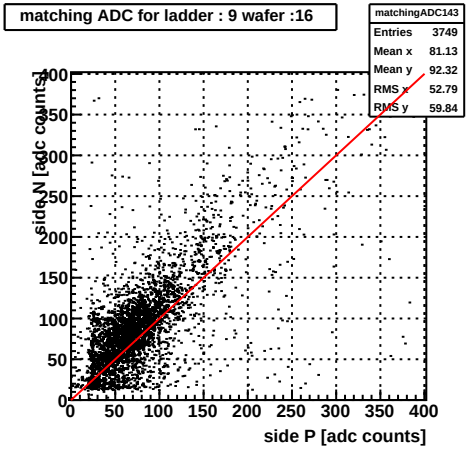

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8835
Mean x 80.53
Mean y 91.9
RMS x 58.74
RMS y 59.7
side N [adc counts]
side P [adc counts]

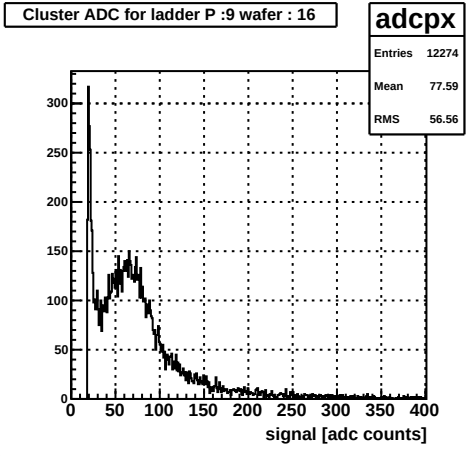

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 16852
Mean 73.44
RMS 65.33
signal [adc counts]

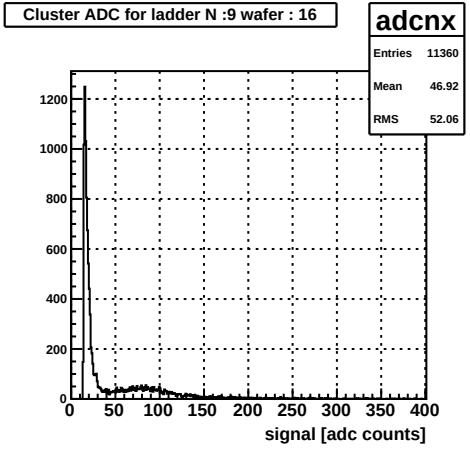

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 17211
Mean 70.42
RMS 59.6
signal [adc counts]

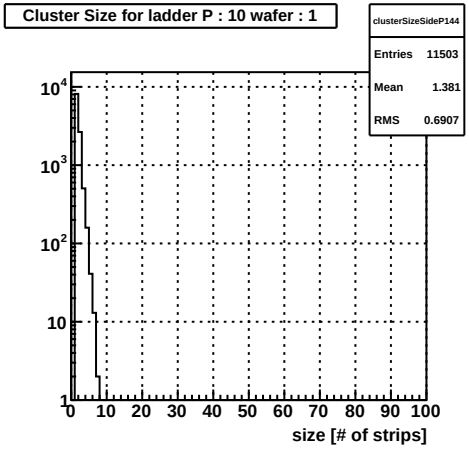

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12274
Mean 1.389
RMS 0.713
size [# of strips]

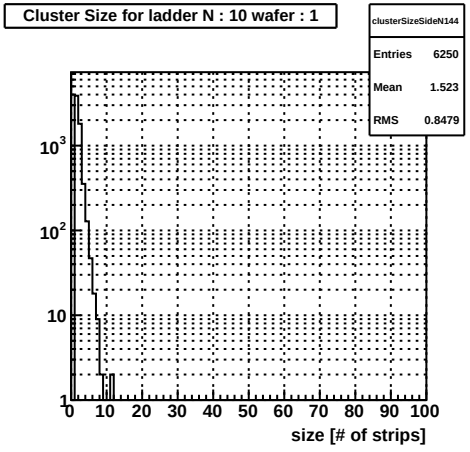

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 11360
Mean 1.343
RMS 0.6951
size [# of strips]

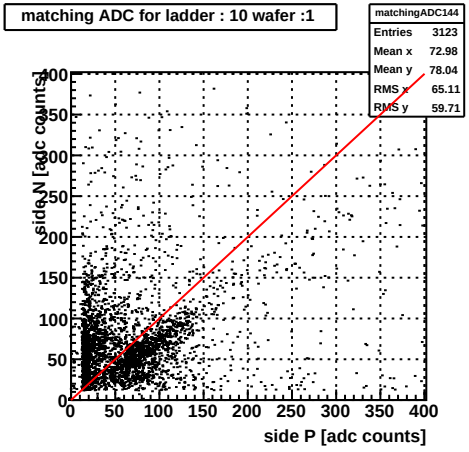

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3749
Mean x 81.13
Mean y 92.32
RMS x 52.79
RMS y 59.84
side N [adc counts]
side P [adc counts]

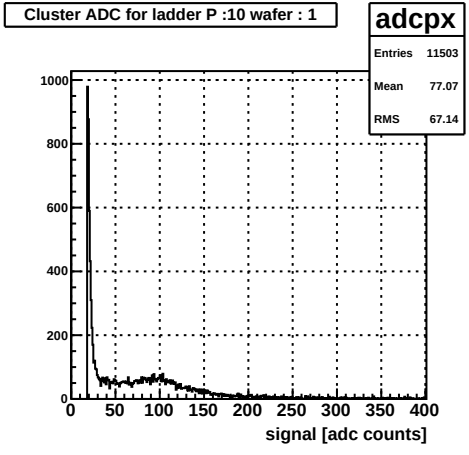

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12274
Mean 77.59
RMS 56.56
signal [adc counts]

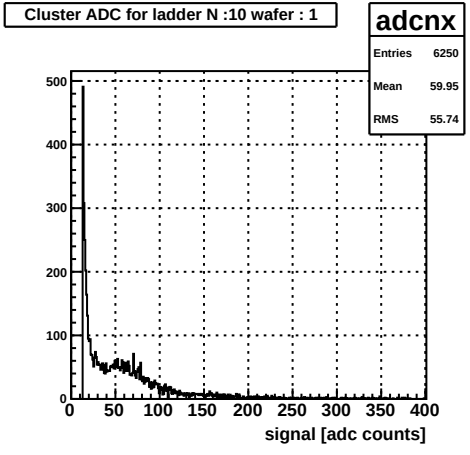

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 11360
Mean 46.92
RMS 52.06
signal [adc counts]

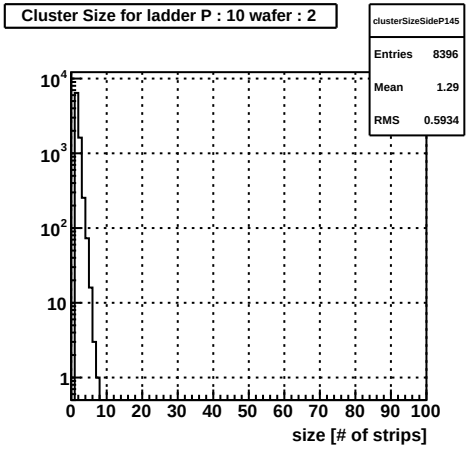

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 11503
Mean 1.381
RMS 0.6907
size [# of strips]

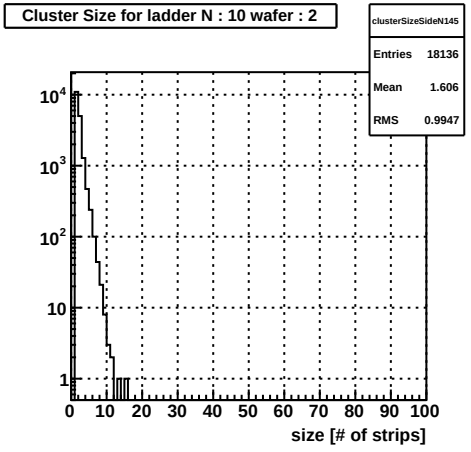

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 6250
Mean 1.523
RMS 0.8479
size [# of strips]

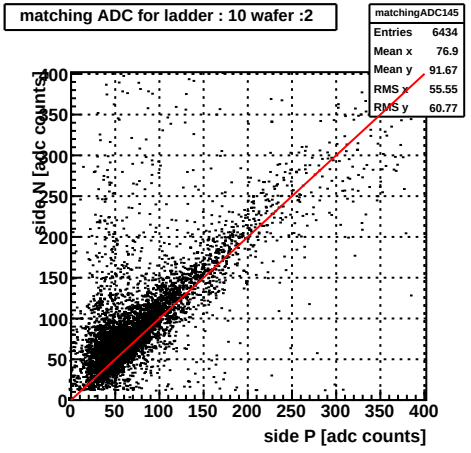

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 3123
Mean x 72.98
Mean y 78.04
RMS x 65.11
RMS y 59.71
side N [adc counts]
side P [adc counts]

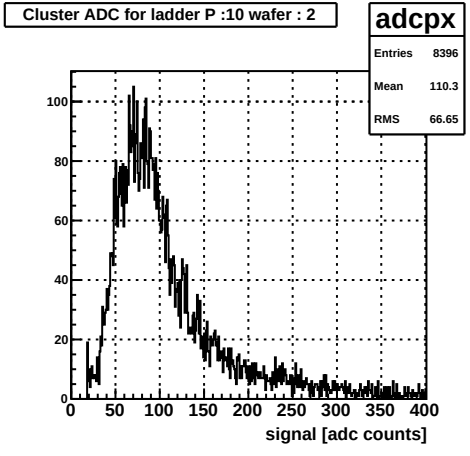

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 11503
Mean 77.07
RMS 67.14
signal [adc counts]

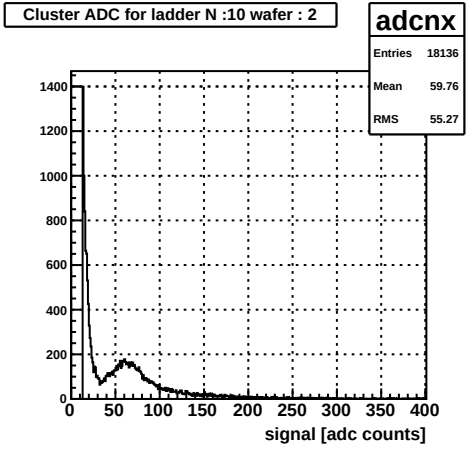

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 6250
Mean 59.95
RMS 55.74
signal [adc counts]

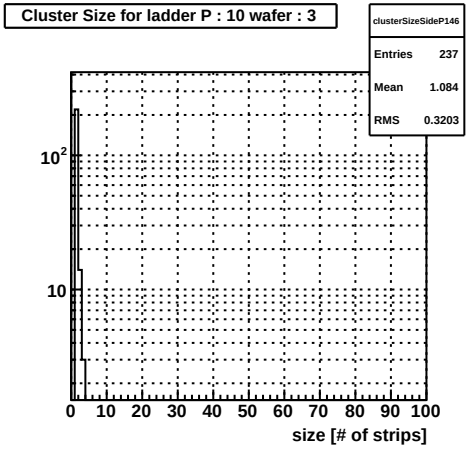

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8396
Mean 1.29
RMS 0.5934
size [# of strips]

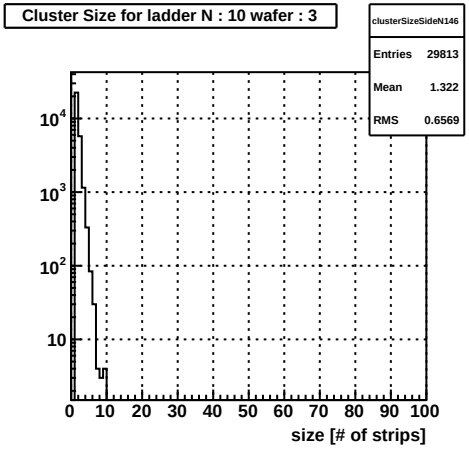

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 18136
Mean 1.606
RMS 0.9947
size [# of strips]

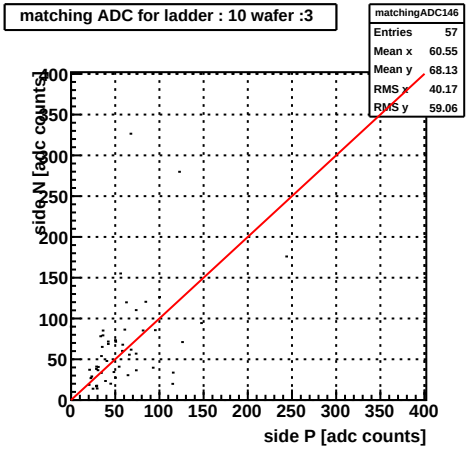

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6434
Mean x 76.9
Mean y 91.67
RMS x 55.55
RMS y 60.77
side N [adc counts]
side P [adc counts]

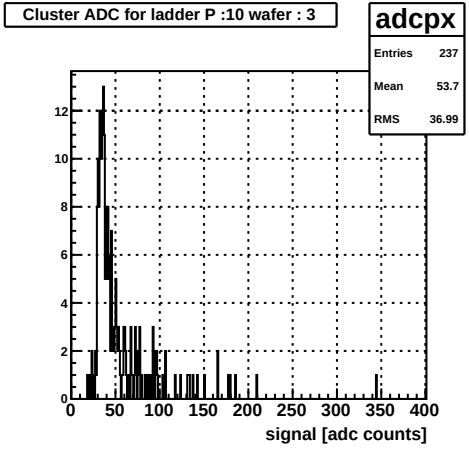

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8396
Mean 110.3
RMS 66.65
signal [adc counts]

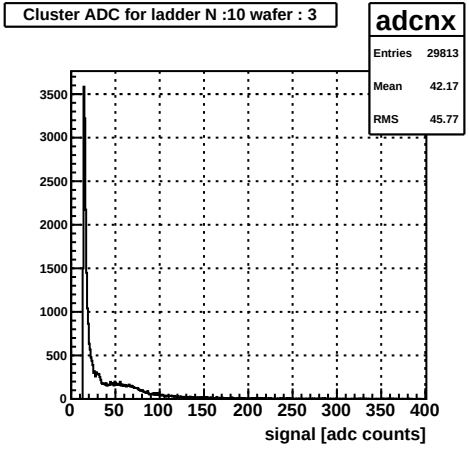

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 18136
Mean 59.76
RMS 55.27
signal [adc counts]

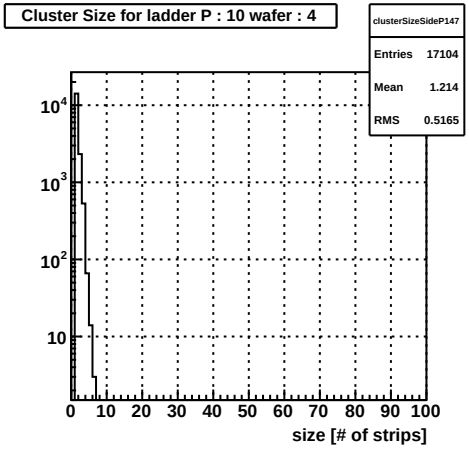

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 237
Mean 1.084
RMS 0.3203
size [# of strips]

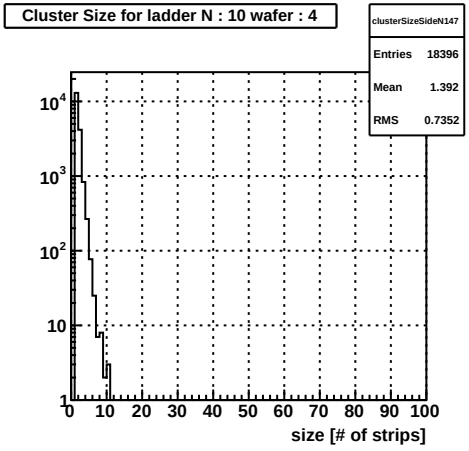

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 29813
Mean 1.322
RMS 0.6569
size [# of strips]

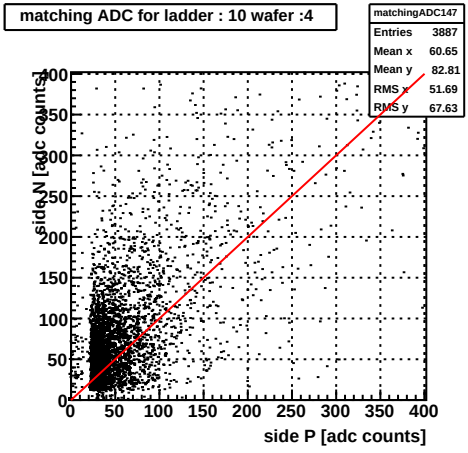

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 57
Mean x 60.55
Mean y 68.13
RMS x 40.17
RMS y 59.06
side N [adc counts]
side P [adc counts]

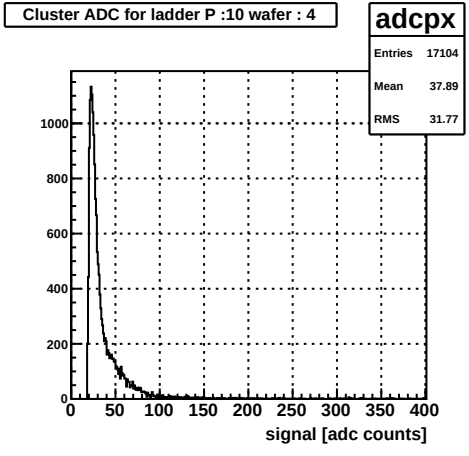

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 237
Mean 53.7
RMS 36.99
signal [adc counts]

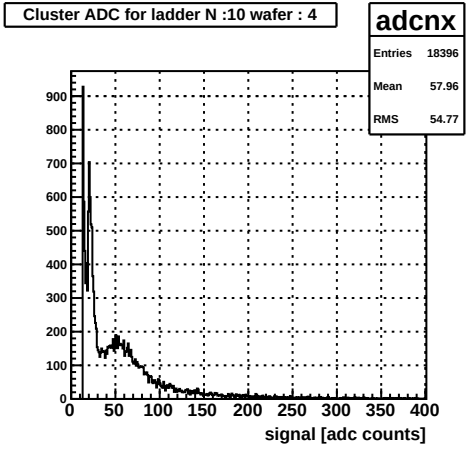

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 29813
Mean 42.17
RMS 45.77
signal [adc counts]

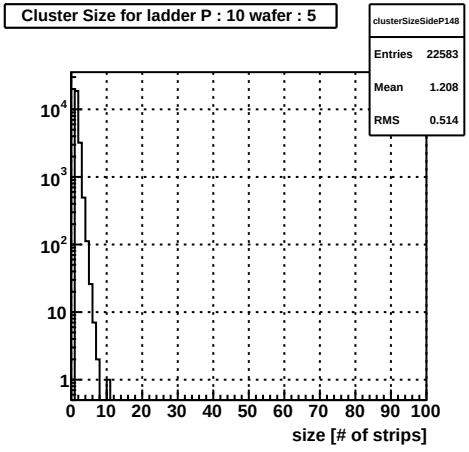

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 17104
Mean 1.214
RMS 0.5165
size [# of strips]

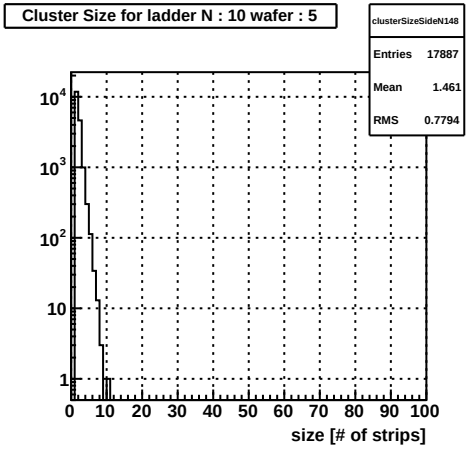

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 18396
Mean 1.392
RMS 0.7352
size [# of strips]

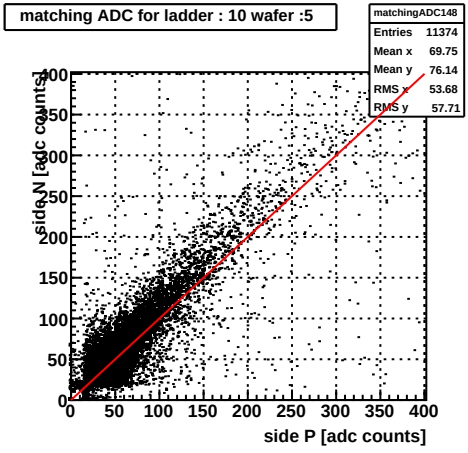

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3887
Mean x 60.65
Mean y 82.81
RMS x 51.69
RMS y 67.63
side N [adc counts]
side P [adc counts]

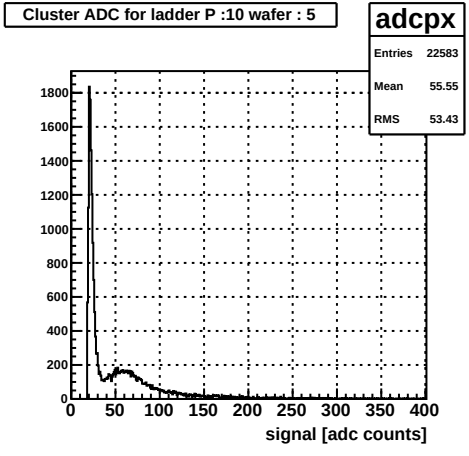

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 17104
Mean 37.89
RMS 31.77
signal [adc counts]

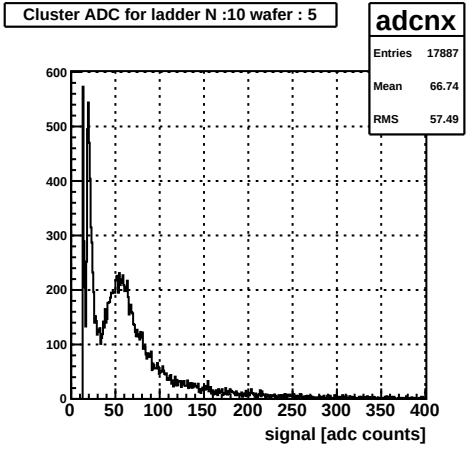

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 18396
Mean 57.96
RMS 54.77
signal [adc counts]

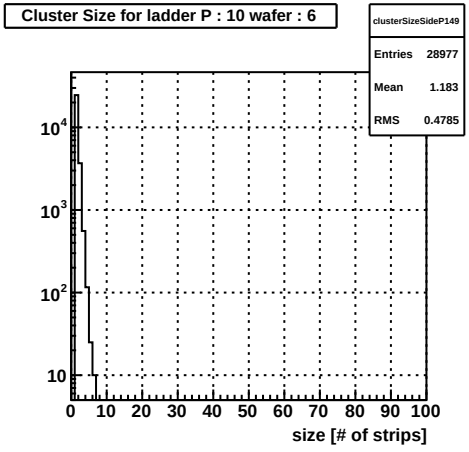

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 22583
Mean 1.208
RMS 0.514
size [# of strips]

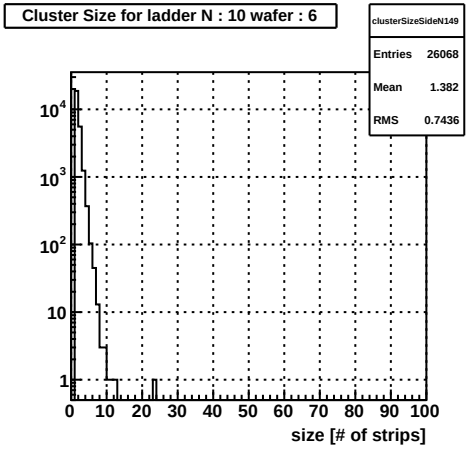

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 17887
Mean 1.461
RMS 0.7794
size [# of strips]

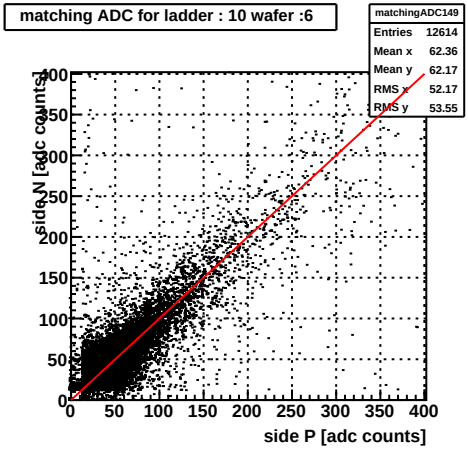

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 11374
Mean x 69.75
Mean y 76.14
RMS x 53.68
RMS y 57.71
side N [adc counts]
side P [adc counts]

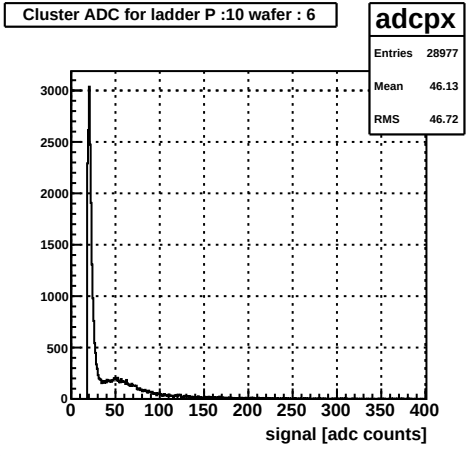

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 22583
Mean 55.55
RMS 53.43
signal [adc counts]

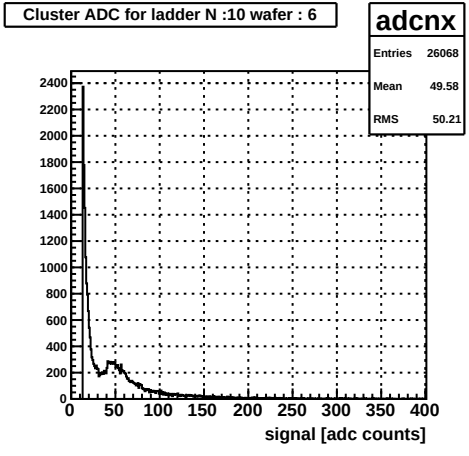

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 17887
Mean 66.74
RMS 57.49
signal [adc counts]

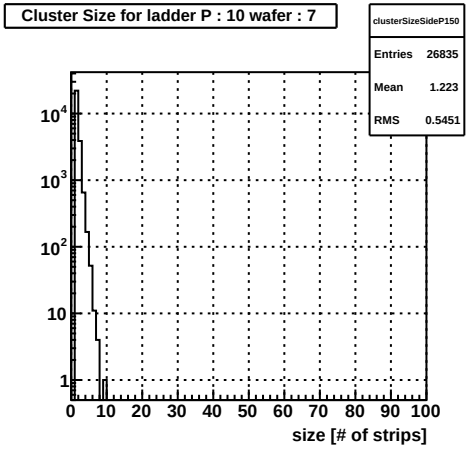

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 28977
Mean 1.183
RMS 0.4785
size [# of strips]

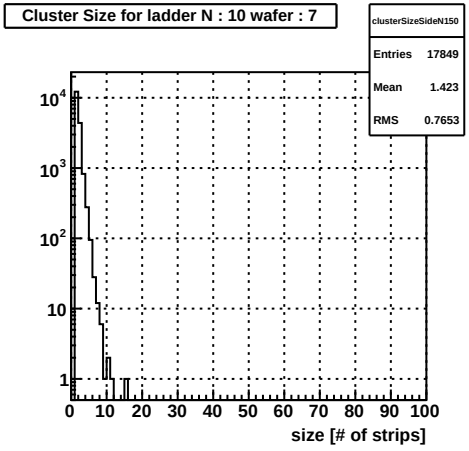

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 26068
Mean 1.382
RMS 0.7436
size [# of strips]

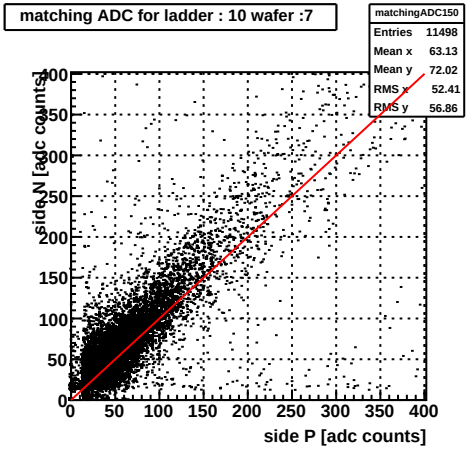

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 12614
Mean x 62.36
Mean y 62.17
RMS x 52.17
RMS y 53.55
side N [adc counts]
side P [adc counts]

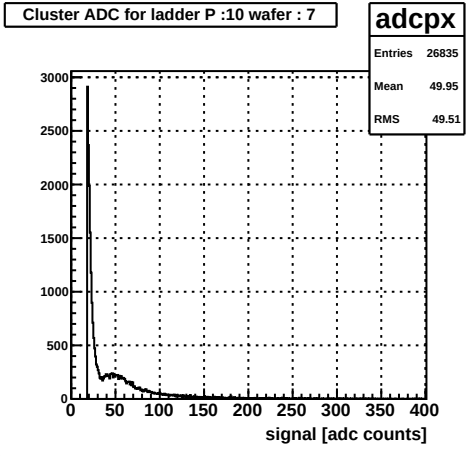

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 28977
Mean 46.13
RMS 46.72
signal [adc counts]

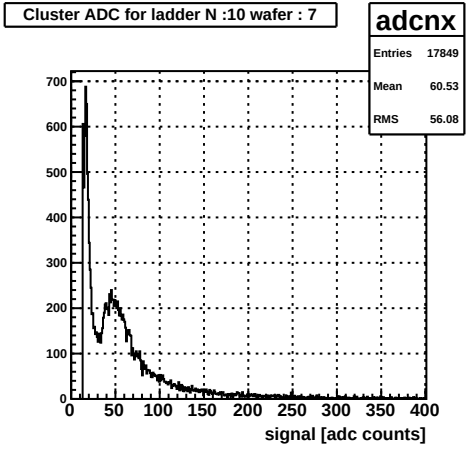

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 26068
Mean 49.58
RMS 50.21
signal [adc counts]

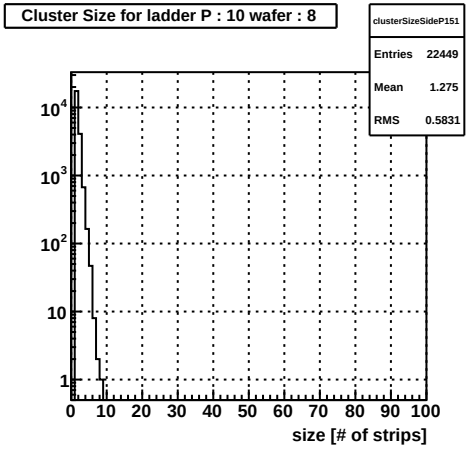

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 26835
Mean 1.223
RMS 0.5451
size [# of strips]

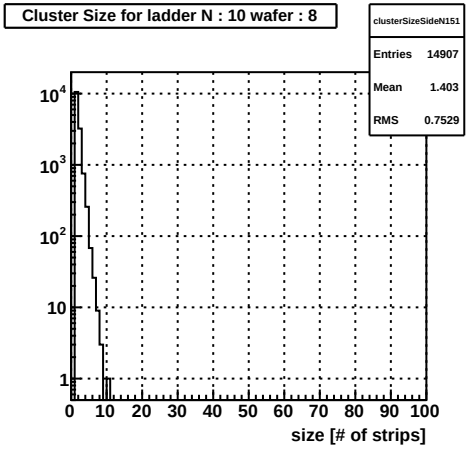

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 17849
Mean 1.423
RMS 0.7653
size [# of strips]

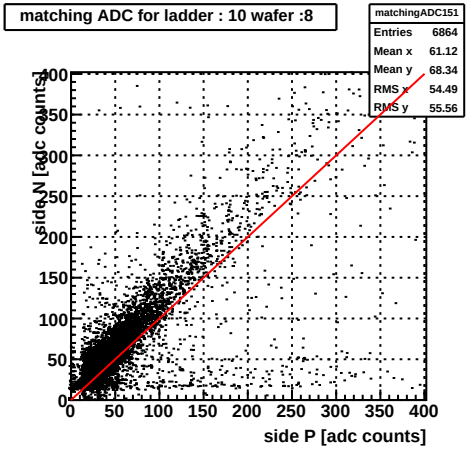

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 11498
Mean x 63.13
Mean y 72.02
RMS x 52.41
RMS y 56.86
side N [adc counts]
side P [adc counts]

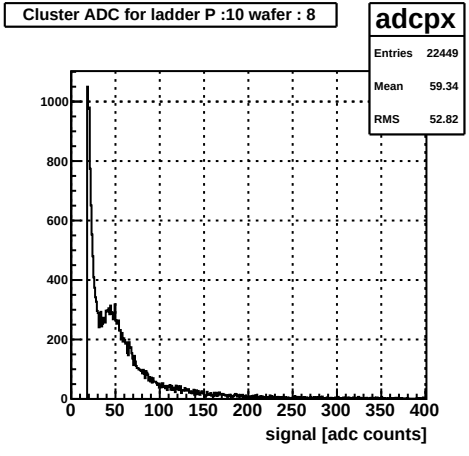

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 26835
Mean 49.95
RMS 49.51
signal [adc counts]

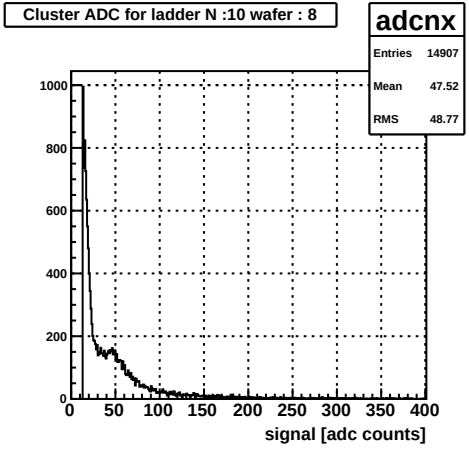

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 17849
Mean 60.53
RMS 56.08
signal [adc counts]

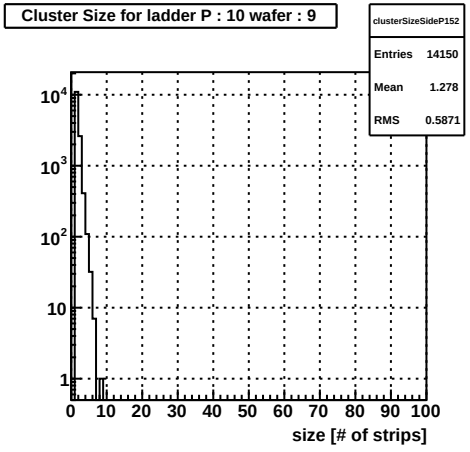

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 22449
Mean 1.275
RMS 0.5831
size [# of strips]

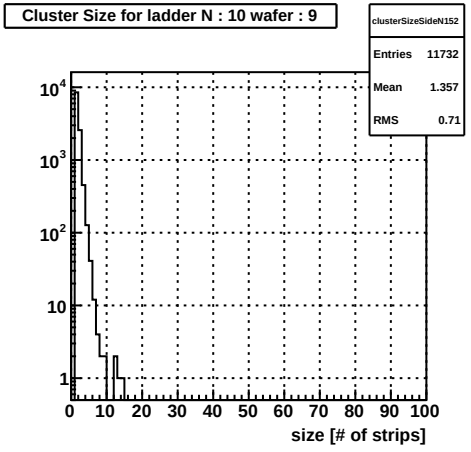

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 14907
Mean 1.403
RMS 0.7529
size [# of strips]

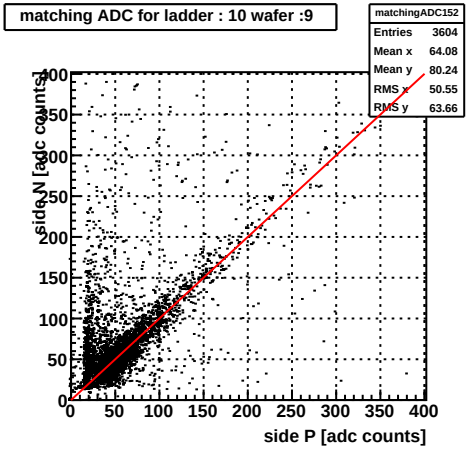

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 6864
Mean x 61.12
Mean y 68.34
RMS x 54.49
RMS y 55.56
side N [adc counts]
side P [adc counts]

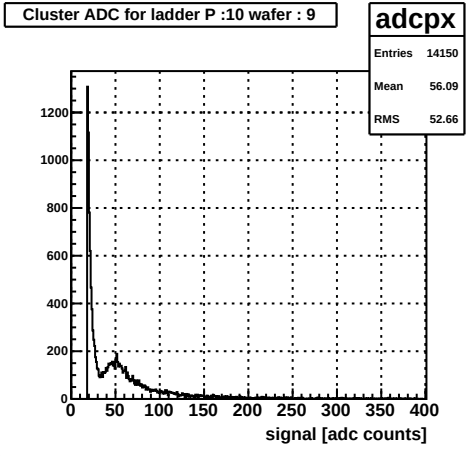

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 22449
Mean 59.34
RMS 52.82
signal [adc counts]

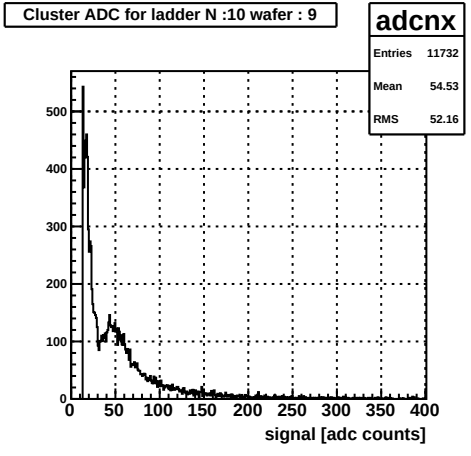

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 14907
Mean 47.52
RMS 48.77
signal [adc counts]

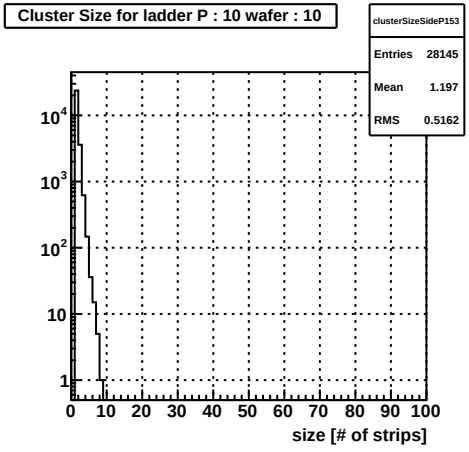

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 14150
Mean 1.278
RMS 0.5871
size [# of strips]

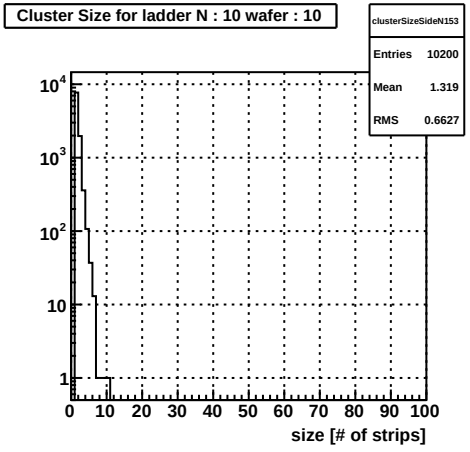

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11732
Mean 1.357
RMS 0.71
size [# of strips]

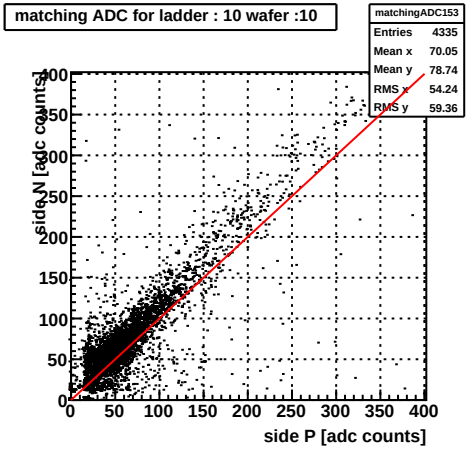

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3604
Mean x 64.08
Mean y 80.24
RMS x 50.55
RMS y 63.66
side N [adc counts]
side P [adc counts]

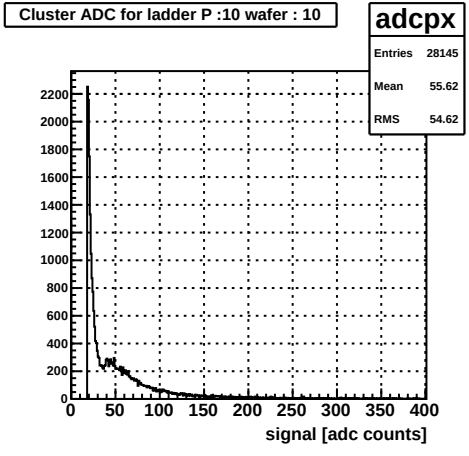

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 14150
Mean 56.09
RMS 52.66
signal [adc counts]

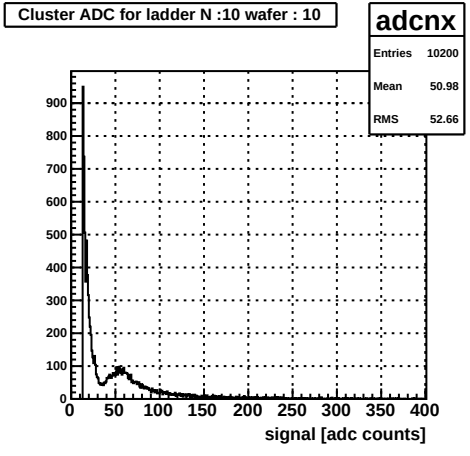

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11732
Mean 54.53
RMS 52.16
signal [adc counts]

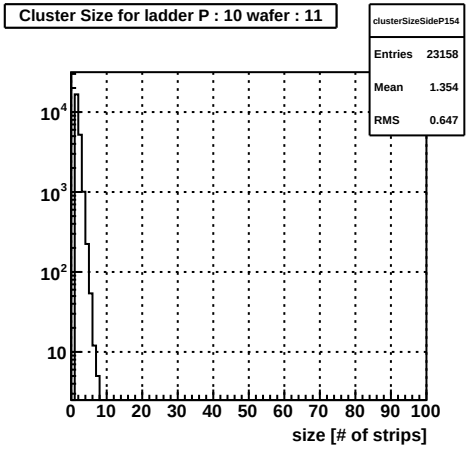

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 28145
Mean 1.197
RMS 0.5162
size [# of strips]

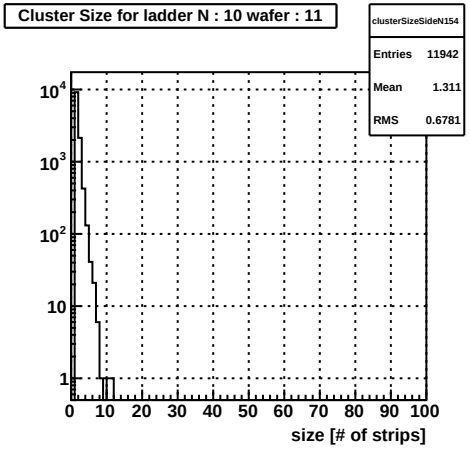

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 10200
Mean 1.319
RMS 0.6627
size [# of strips]

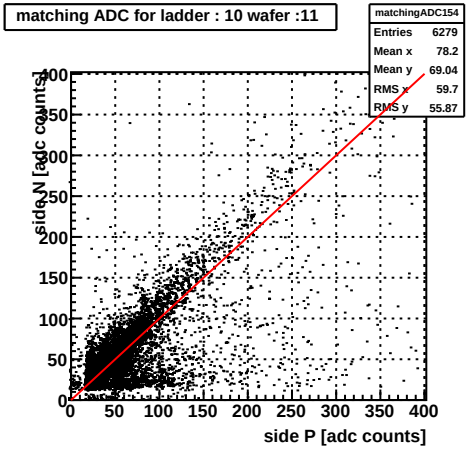

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4335
Mean x 70.05
Mean y 78.74
RMS x 54.24
RMS y 59.36
side N [adc counts]
side P [adc counts]

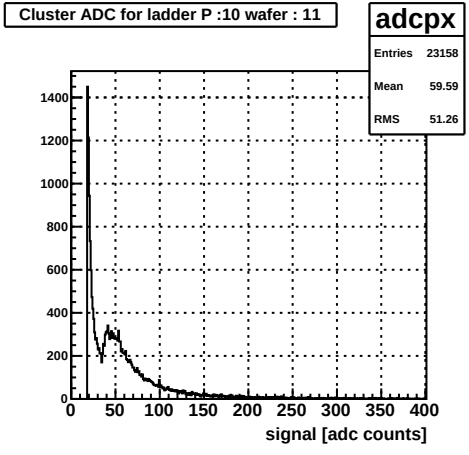

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 28145
Mean 55.62
RMS 54.62
signal [adc counts]

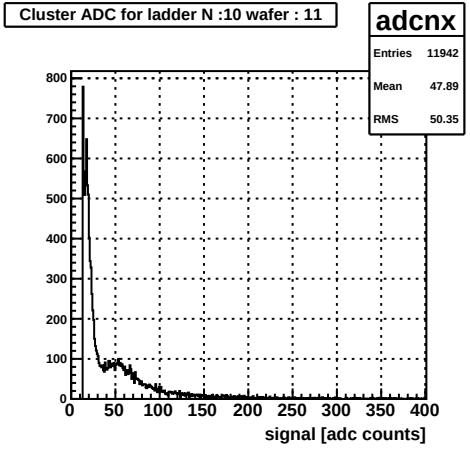

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 10200
Mean 50.98
RMS 52.66
signal [adc counts]

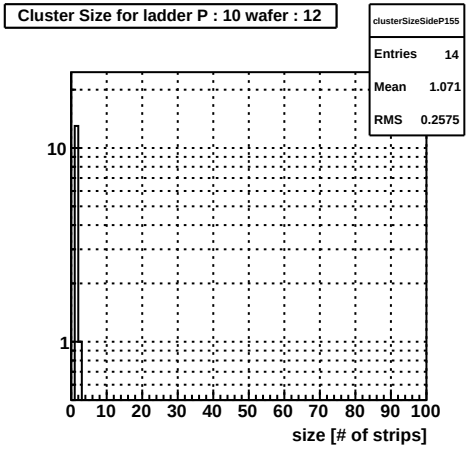

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 23158
Mean 1.354
RMS 0.647
size [# of strips]

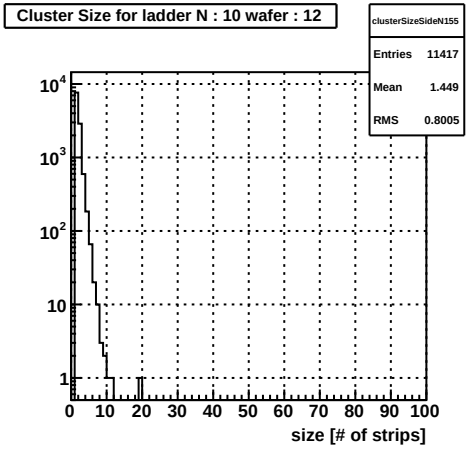

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 11942
Mean 1.311
RMS 0.6781
size [# of strips]

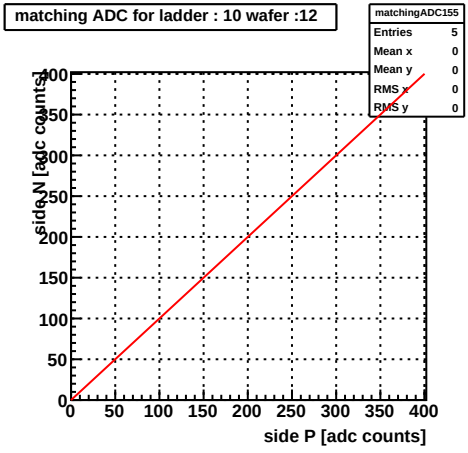

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6279
Mean x 78.2
Mean y 69.04
RMS x 59.7
RMS y 55.87
side N [adc counts]
side P [adc counts]

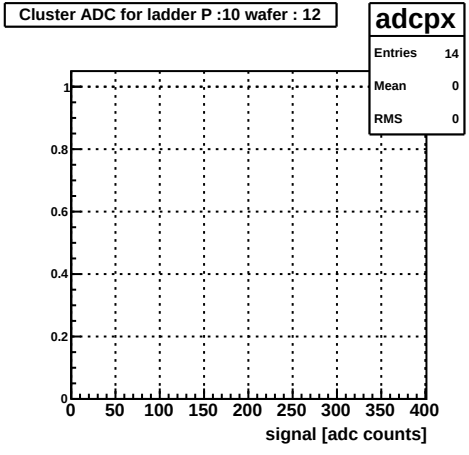

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 23158
Mean 59.59
RMS 51.26
signal [adc counts]

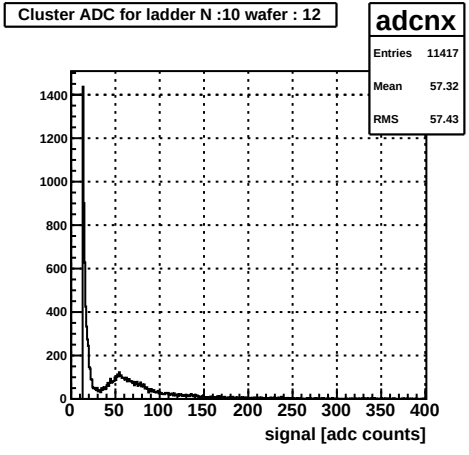

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 11942
Mean 47.89
RMS 50.35
signal [adc counts]

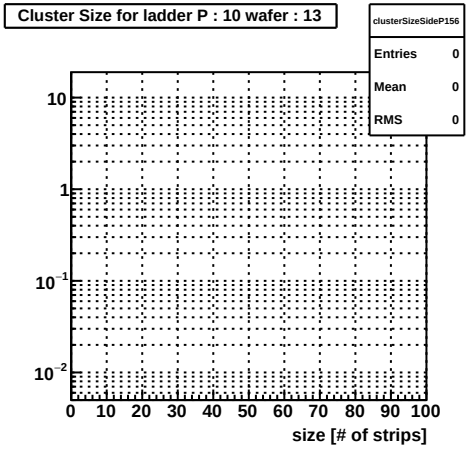

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 14
Mean 1.071
RMS 0.2575
size [# of strips]

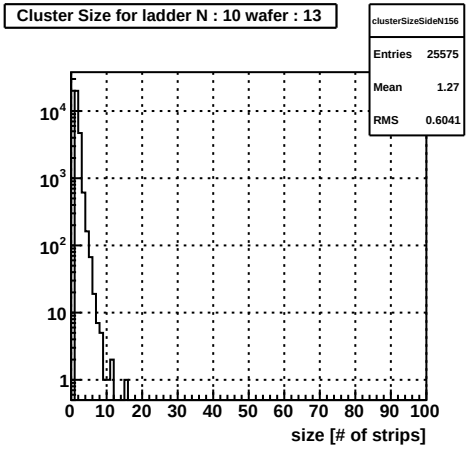

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11417
Mean 1.449
RMS 0.8005
size [# of strips]

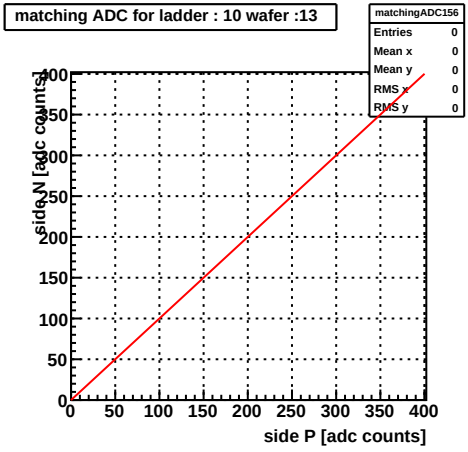

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

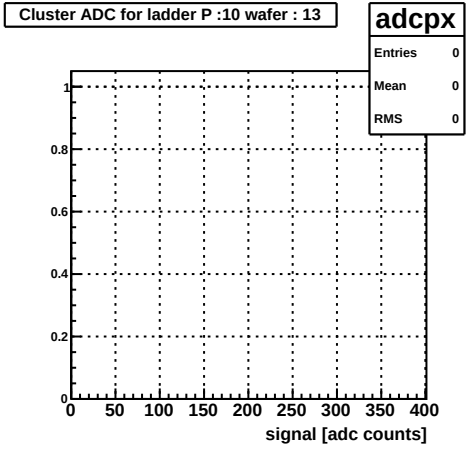

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

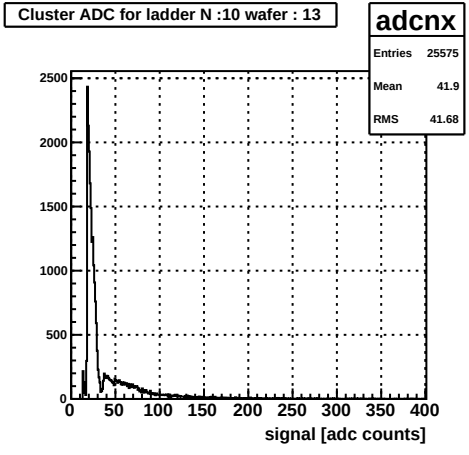

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11417
Mean 57.32
RMS 57.43
signal [adc counts]

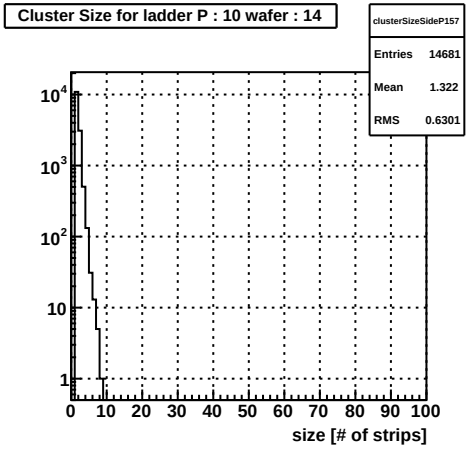

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

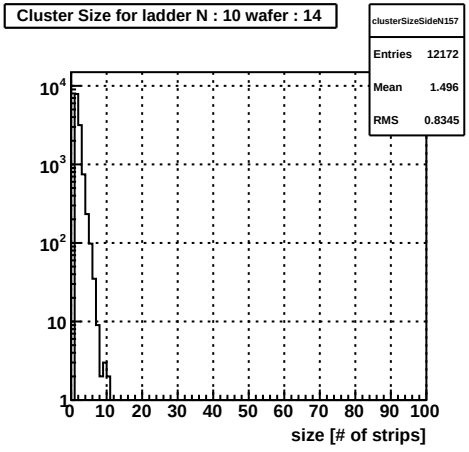

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 25575
Mean 1.27
RMS 0.6041
size [# of strips]

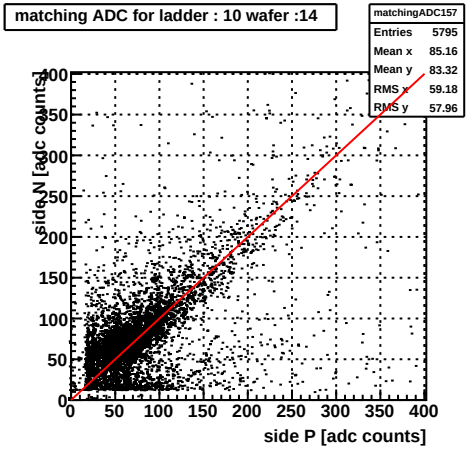

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

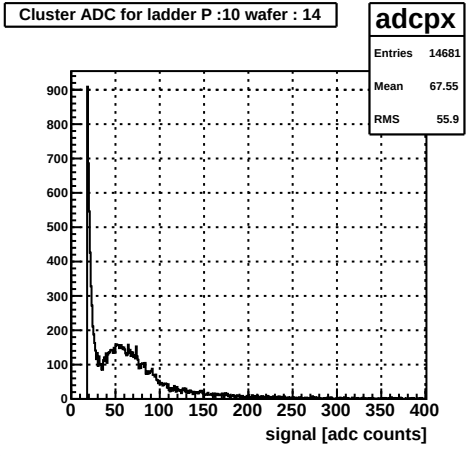

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

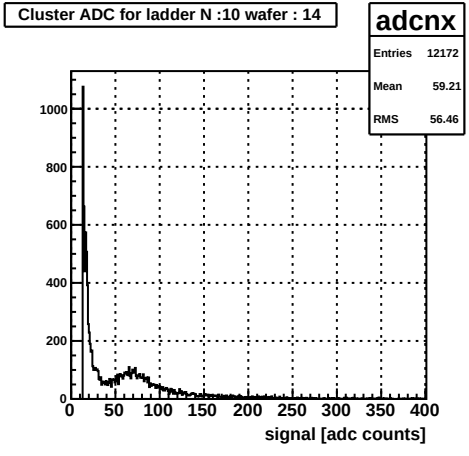

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 25575
Mean 41.9
RMS 41.68
signal [adc counts]

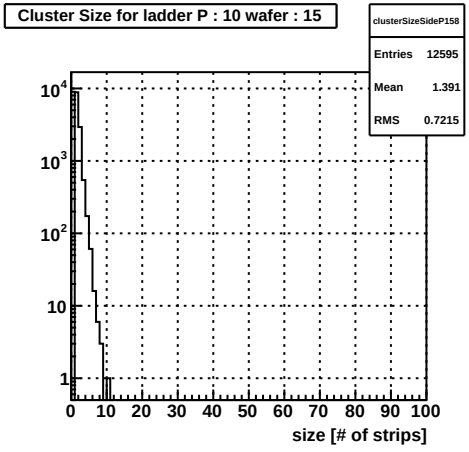

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 14681
Mean 1.322
RMS 0.6301
size [# of strips]

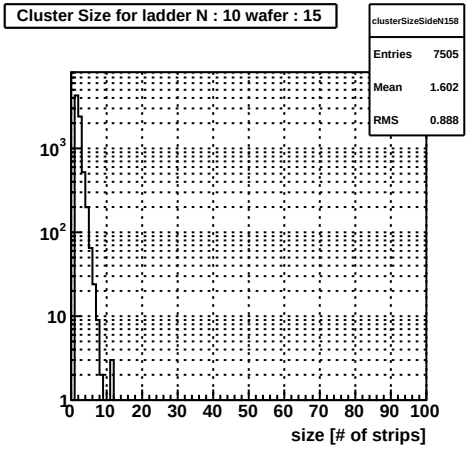

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 12172
Mean 1.496
RMS 0.8345
size [# of strips]

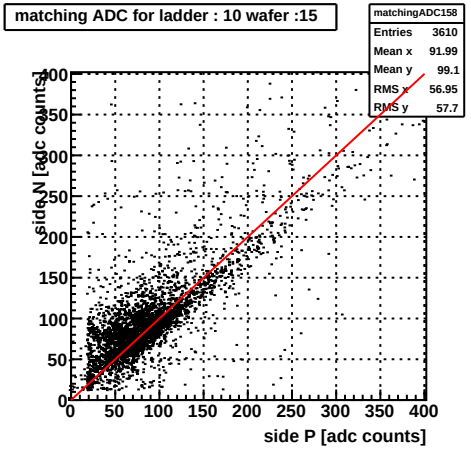

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 5795
Mean x 85.16
Mean y 83.32
RMS x 59.18
RMS y 57.96
side N [adc counts]
side P [adc counts]

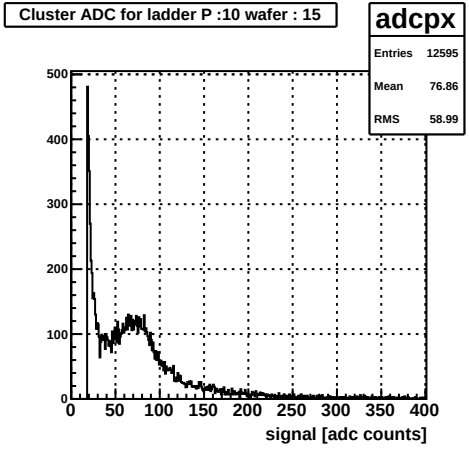

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 14681
Mean 67.55
RMS 55.9
signal [adc counts]

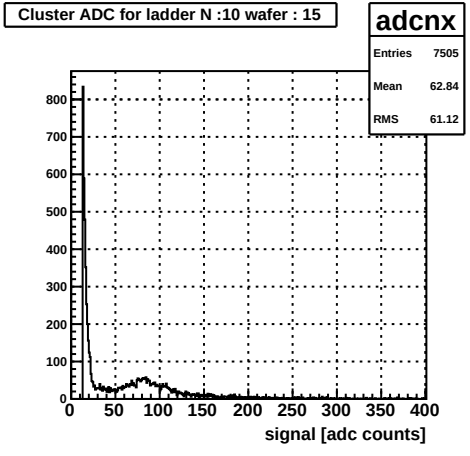

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 12172
Mean 59.21
RMS 56.46
signal [adc counts]

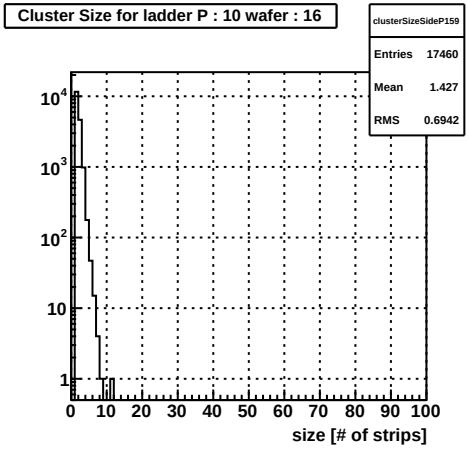

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 12595
Mean 1.391
RMS 0.7215
size [# of strips]

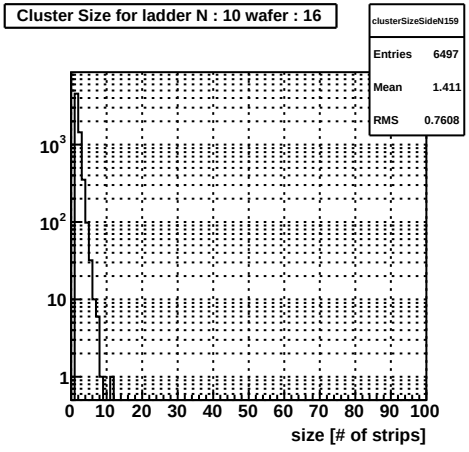

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7505
Mean 1.602
RMS 0.888
size [# of strips]

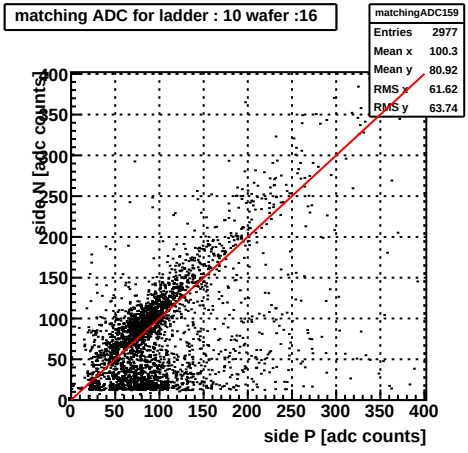

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3610
Mean x 91.99
Mean y 99.1
RMS x 56.95
RMS y 57.7
side N [adc counts]
side P [adc counts]

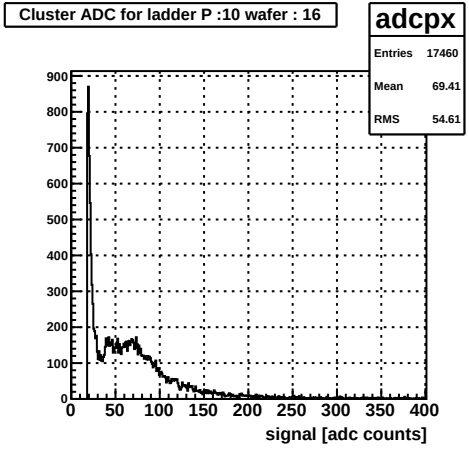

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 12595
Mean 76.86
RMS 58.99
signal [adc counts]

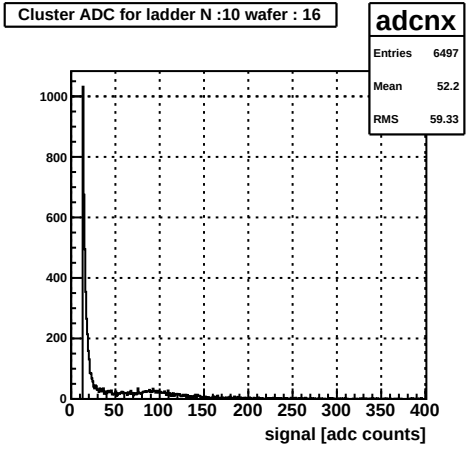

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7505
Mean 62.84
RMS 61.12
signal [adc counts]

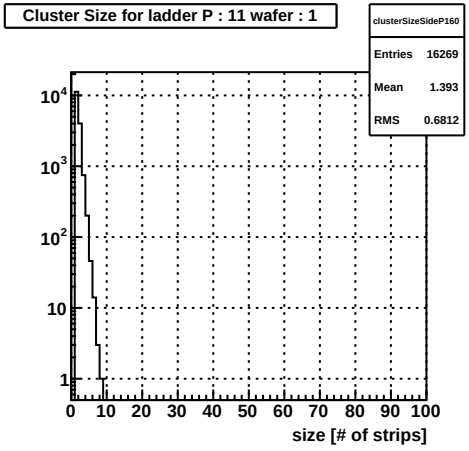

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 17460
Mean 1.427
RMS 0.6942
size [# of strips]

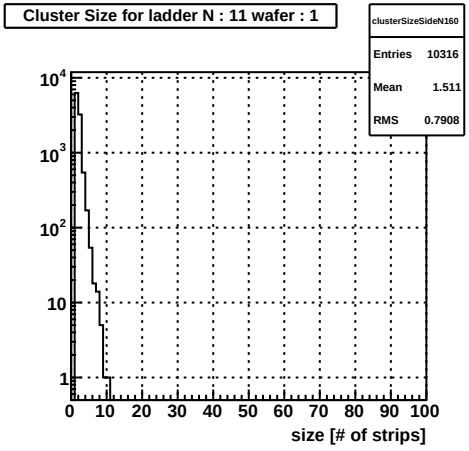

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 6497
Mean 1.411
RMS 0.7608
size [# of strips]

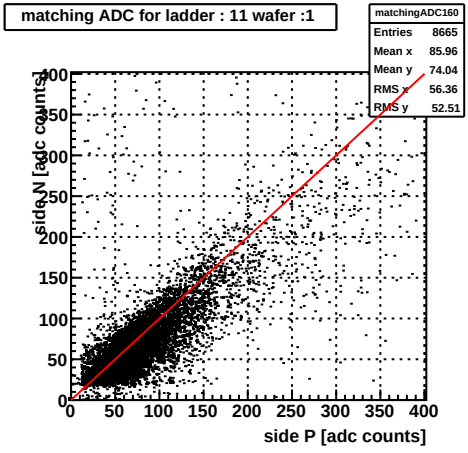

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2977
Mean x 100.3
Mean y 80.92
RMS x 61.62
RMS y 63.74
side N [adc counts]
side P [adc counts]

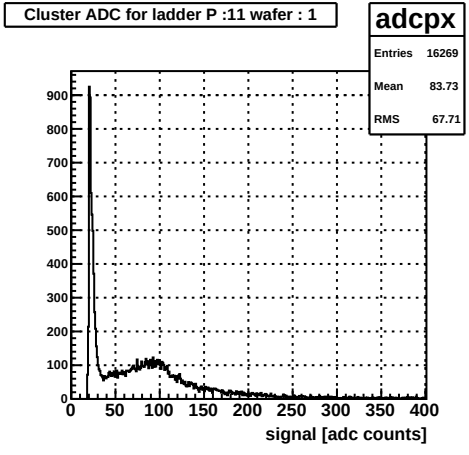

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 17460
Mean 69.41
RMS 54.61
signal [adc counts]

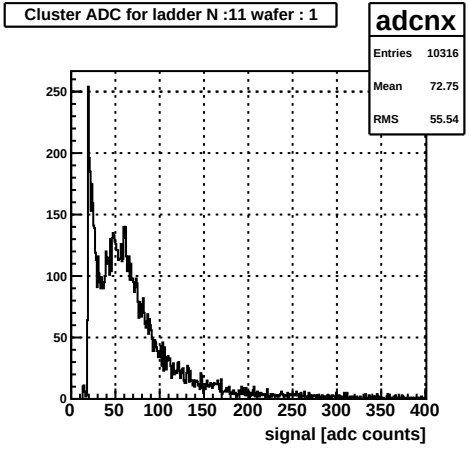

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 6497
Mean 52.2
RMS 59.33
signal [adc counts]

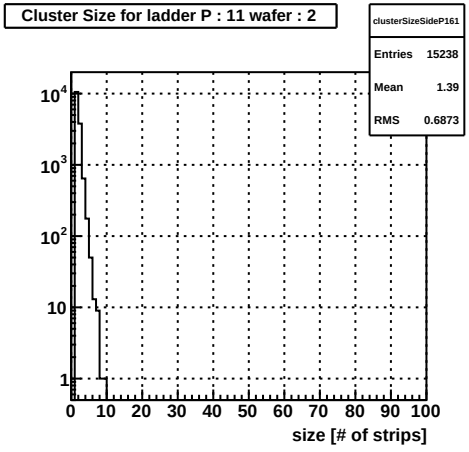

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 16269
Mean 1.393
RMS 0.6812
size [# of strips]

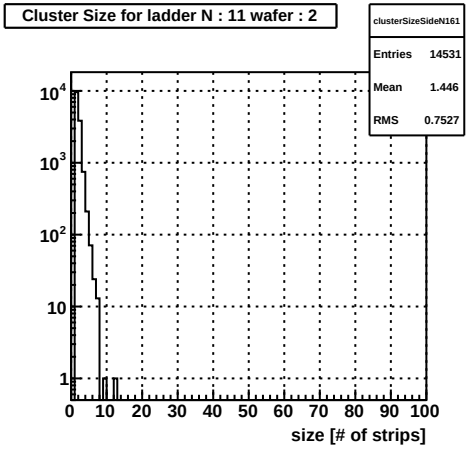

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 10316
Mean 1.511
RMS 0.7908
size [# of strips]

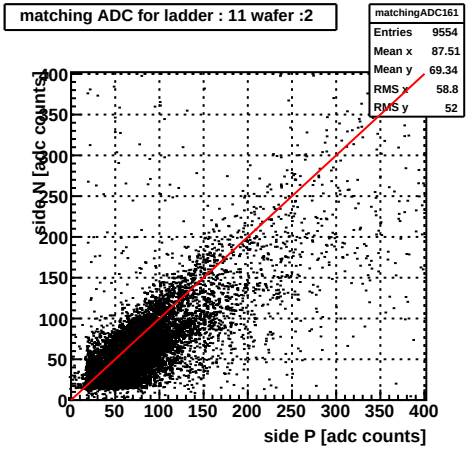

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8665
Mean x 85.96
Mean y 74.04
RMS x 56.36
RMS y 52.51
side N [adc counts]
side P [adc counts]

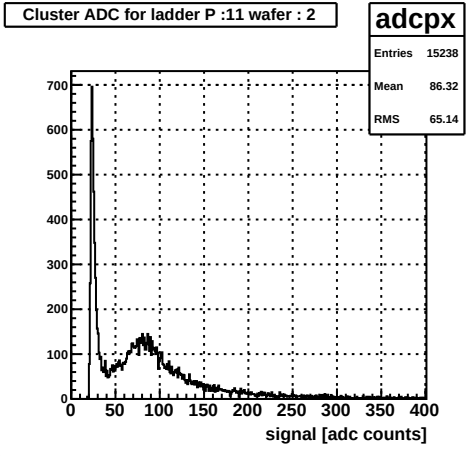

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 16269
Mean 83.73
RMS 67.71
signal [adc counts]

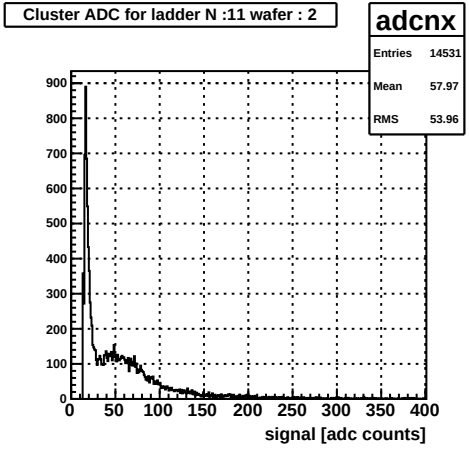

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 10316
Mean 72.75
RMS 55.54
signal [adc counts]

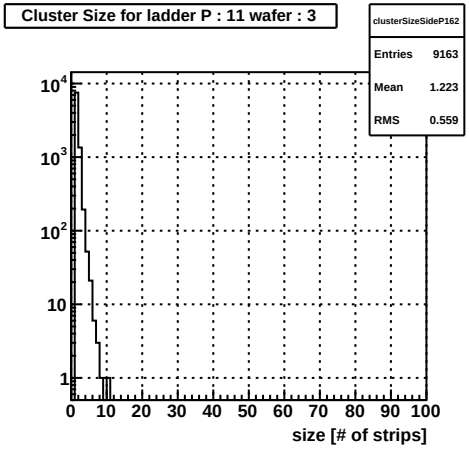

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15238
Mean 1.39
RMS 0.6873
size [# of strips]

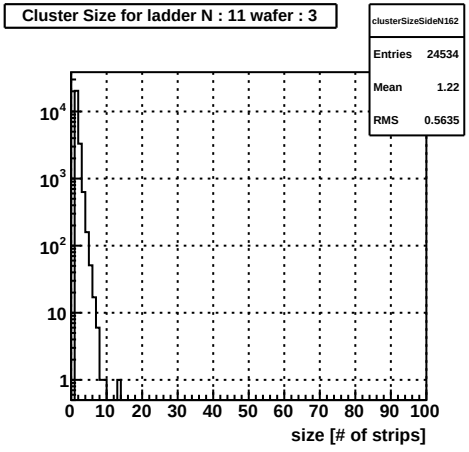

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 14531
Mean 1.446
RMS 0.7527
size [# of strips]

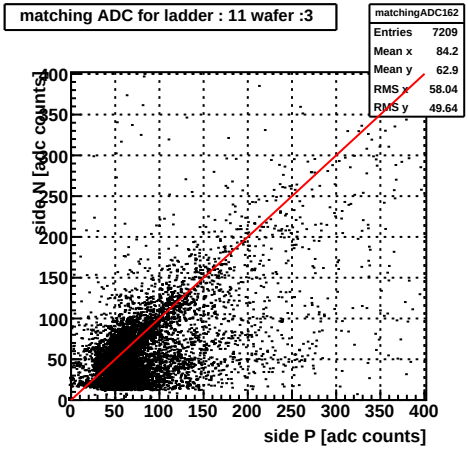

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 9554
Mean x 87.51
Mean y 69.34
RMS x 58.8
RMS y 52
side N [adc counts]
side P [adc counts]

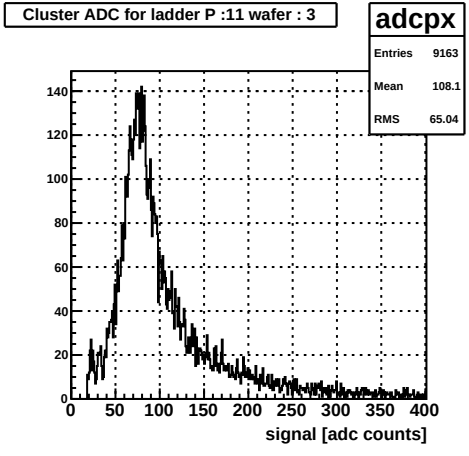

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15238
Mean 86.32
RMS 65.14
signal [adc counts]

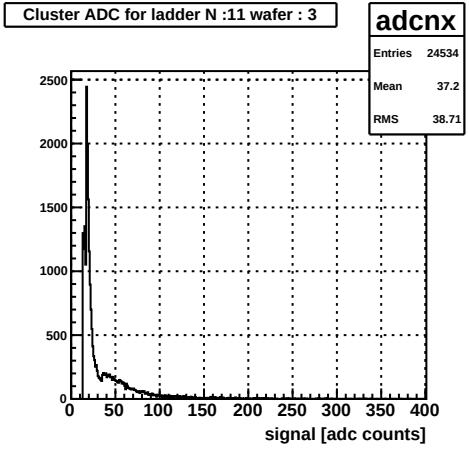

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 14531
Mean 57.97
RMS 53.96
signal [adc counts]

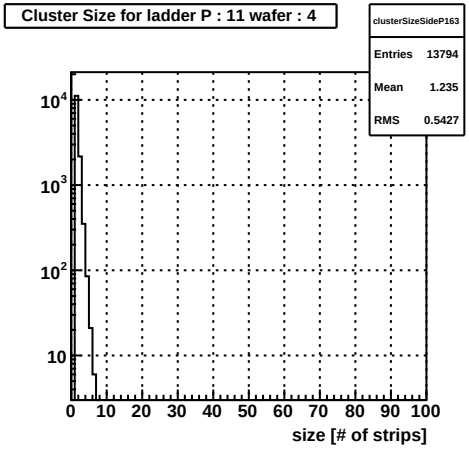

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 9163
Mean 1.223
RMS 0.559
size [# of strips]

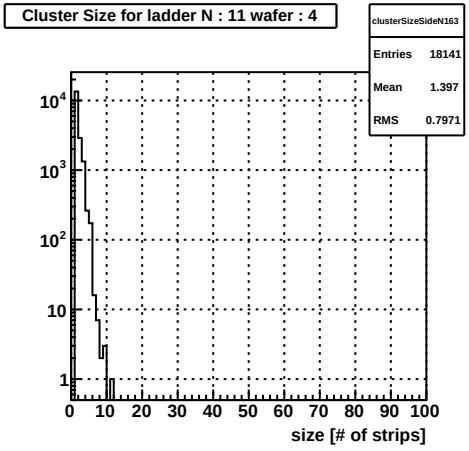

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 24534
Mean 1.22
RMS 0.5635
size [# of strips]

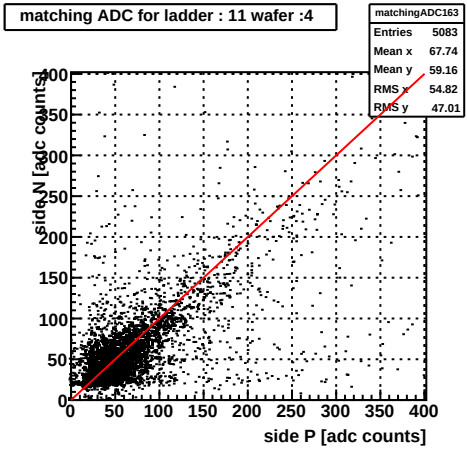

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 7209
Mean x 84.2
Mean y 62.9
RMS x 58.04
RMS y 49.64
side N [adc counts]
side P [adc counts]

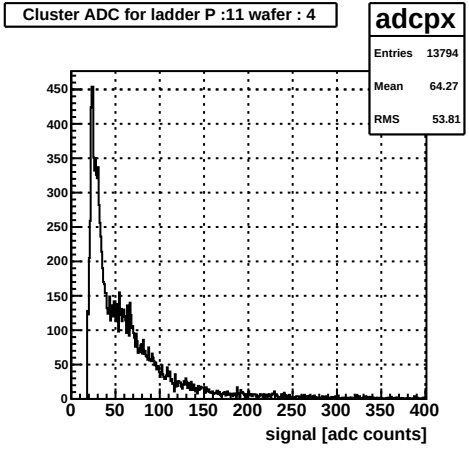

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 9163
Mean 108.1
RMS 65.04
signal [adc counts]

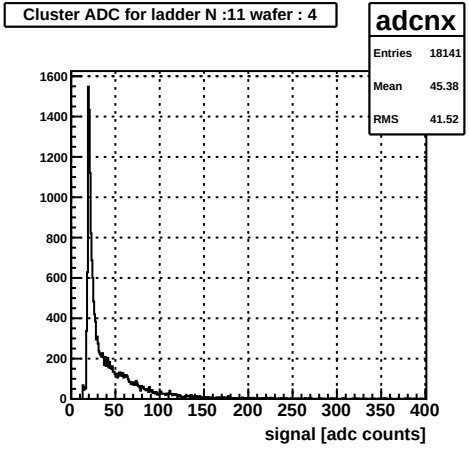

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 24534
Mean 37.2
RMS 38.71
signal [adc counts]

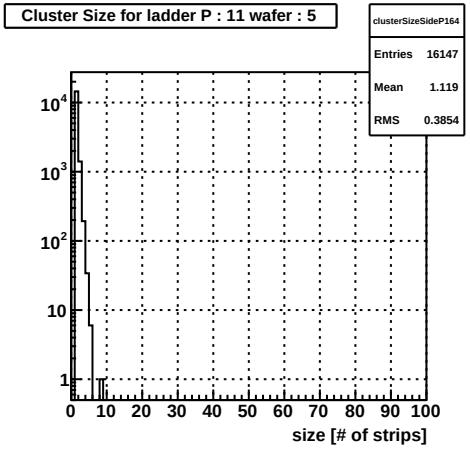

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 13794
Mean 1.235
RMS 0.5427
size [# of strips]

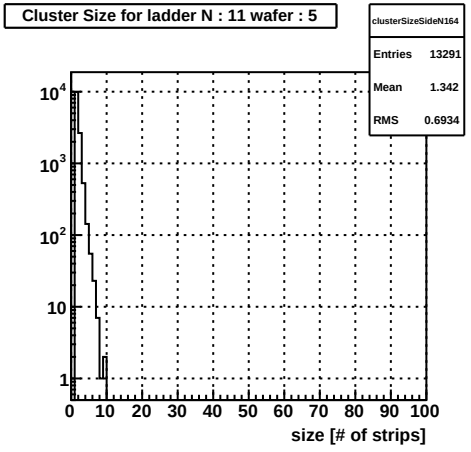

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 18141
Mean 1.397
RMS 0.7971
size [# of strips]

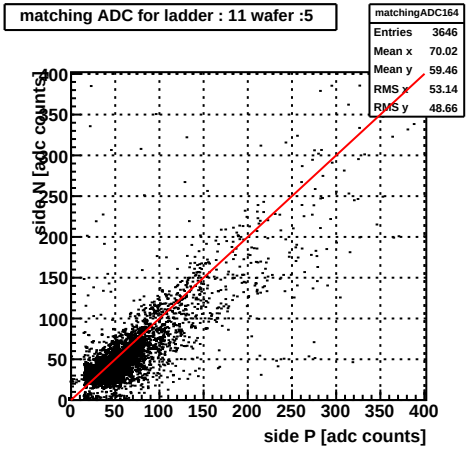

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 5083
Mean x 67.74
Mean y 59.16
RMS x 54.82
RMS y 47.01
side N [adc counts]
side P [adc counts]

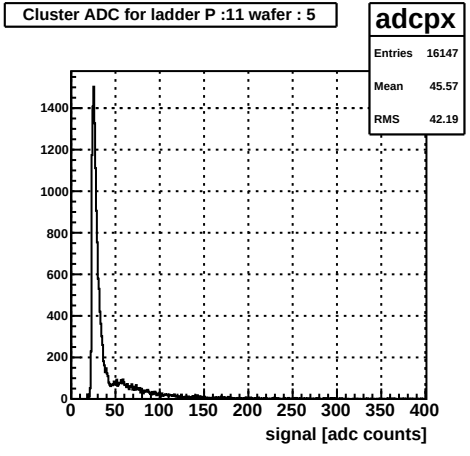

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 13794
Mean 64.27
RMS 53.81
signal [adc counts]

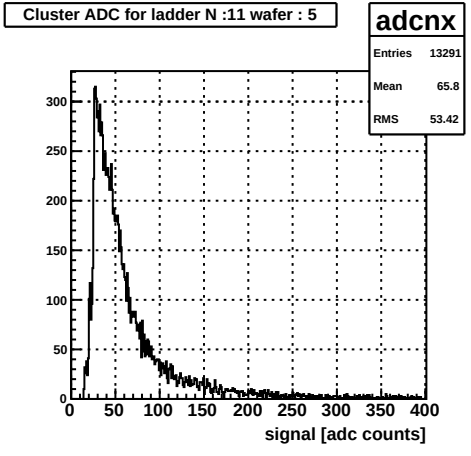

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 18141
Mean 45.38
RMS 41.52
signal [adc counts]

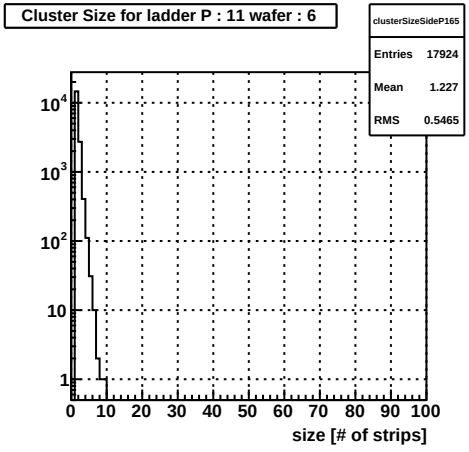

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16147
Mean 1.119
RMS 0.3854
size [# of strips]

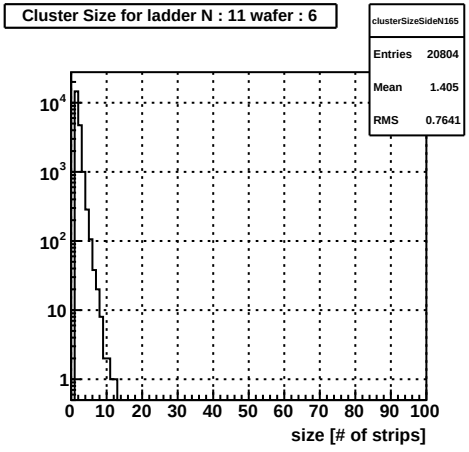

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 13291
Mean 1.342
RMS 0.6934
size [# of strips]

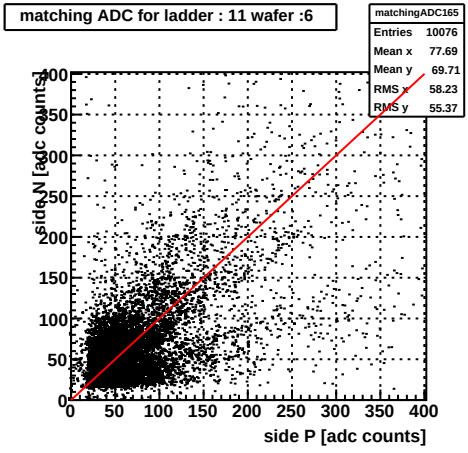

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3646
Mean x 70.02
Mean y 59.46
RMS x 53.14
RMS y 48.66
side N [adc counts]
side P [adc counts]

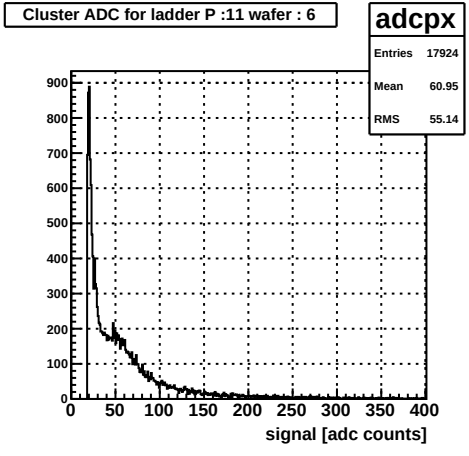

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16147
Mean 45.57
RMS 42.19
signal [adc counts]

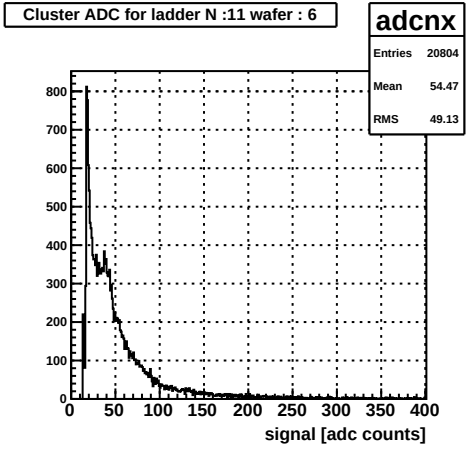

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 13291
Mean 65.8
RMS 53.42
signal [adc counts]

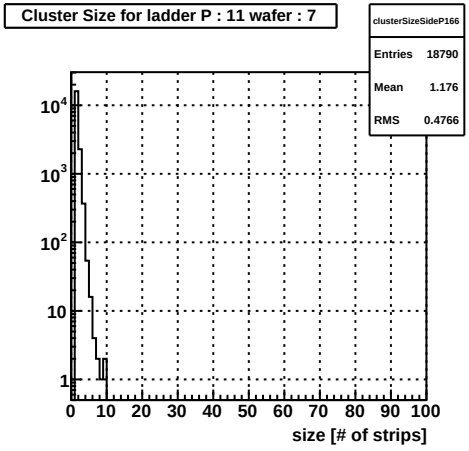

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 17924
Mean 1.227
RMS 0.5465
size [# of strips]

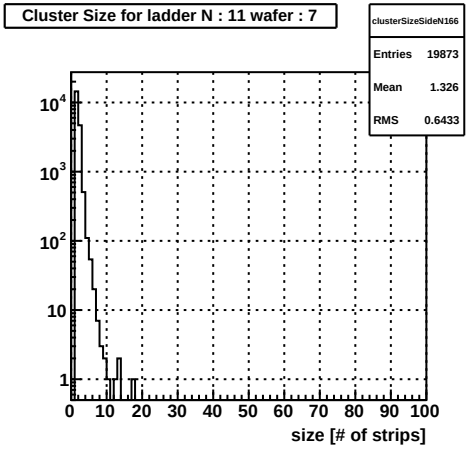

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 20804
Mean 1.405
RMS 0.7641
size [# of strips]

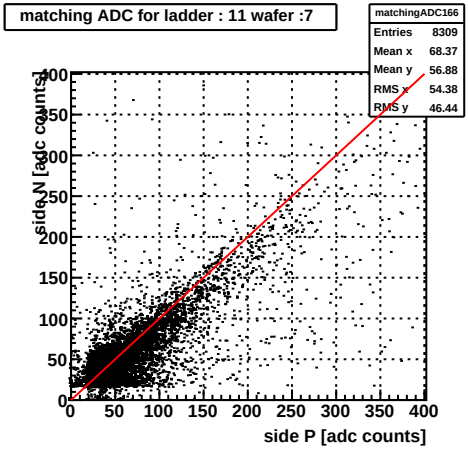

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10076
Mean x 77.69
Mean y 69.71
RMS x 58.23
RMS y 55.37
side N [adc counts]
side P [adc counts]

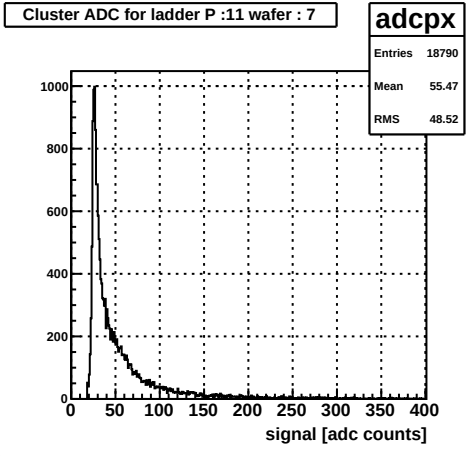

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 17924
Mean 60.95
RMS 55.14
signal [adc counts]

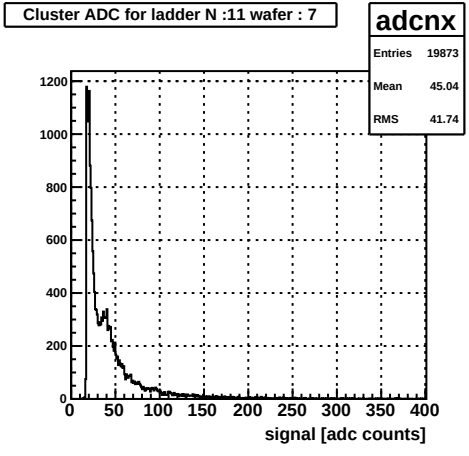

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 20804
Mean 54.47
RMS 49.13
signal [adc counts]

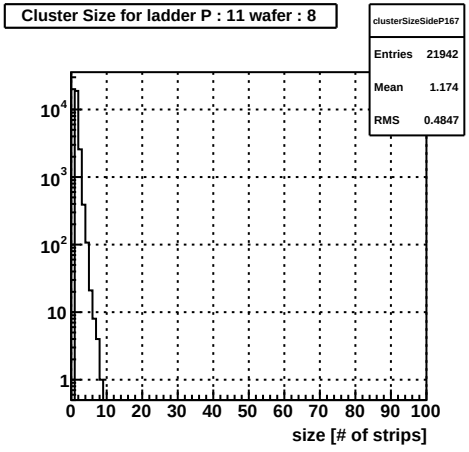

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18790
Mean 1.176
RMS 0.4766
size [# of strips]

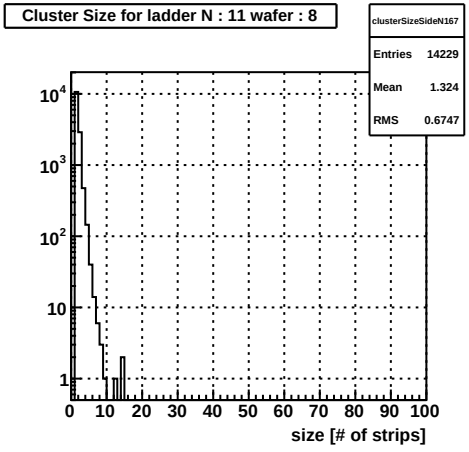

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 19873
Mean 1.326
RMS 0.6433
size [# of strips]

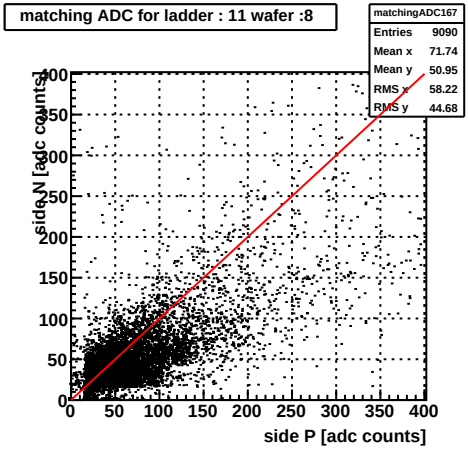

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 8309
Mean x 68.37
Mean y 56.88
RMS x 54.38
RMS y 46.44
side N [adc counts]
side P [adc counts]

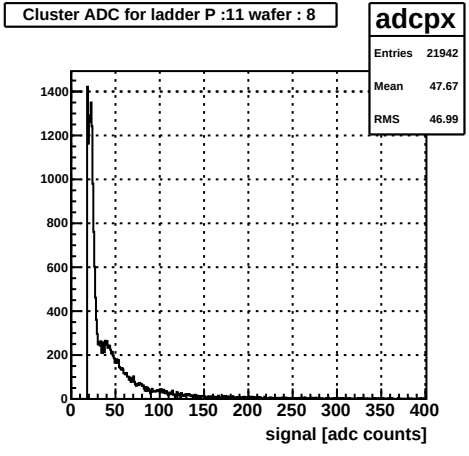

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18790
Mean 55.47
RMS 48.52
signal [adc counts]

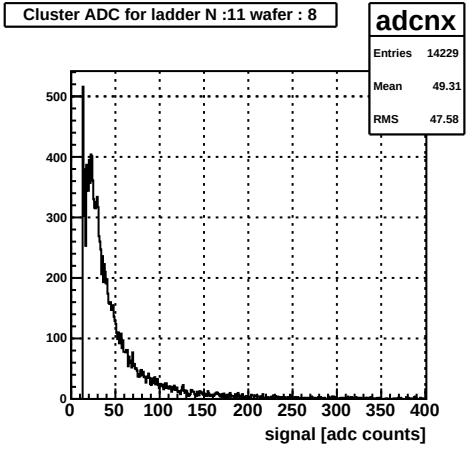

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 19873
Mean 45.04
RMS 41.74
signal [adc counts]

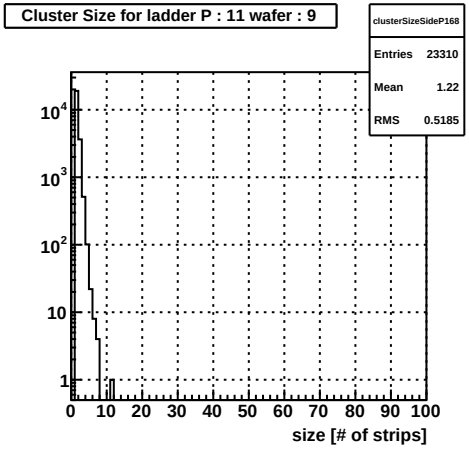

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 21942
Mean 1.174
RMS 0.4847
size [# of strips]

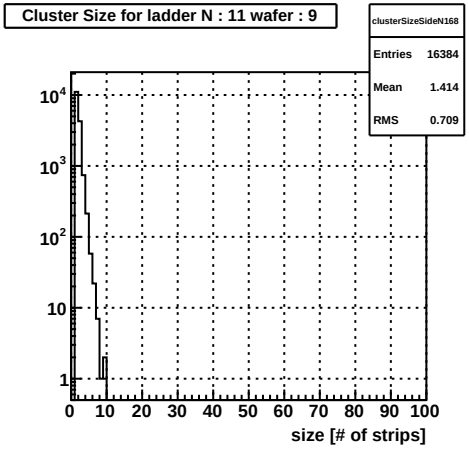

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 14229
Mean 1.324
RMS 0.6747
size [# of strips]

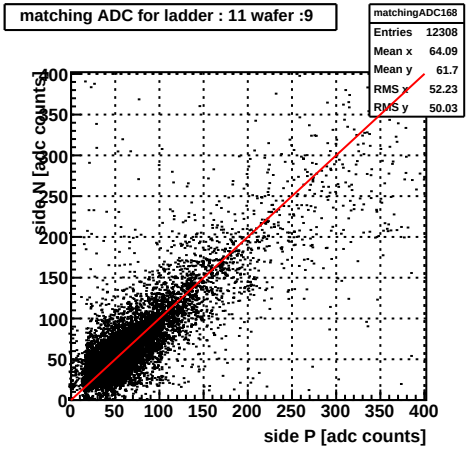

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 9090
Mean x 71.74
Mean y 50.95
RMS x 58.22
RMS y 44.68
side N [adc counts]
side P [adc counts]

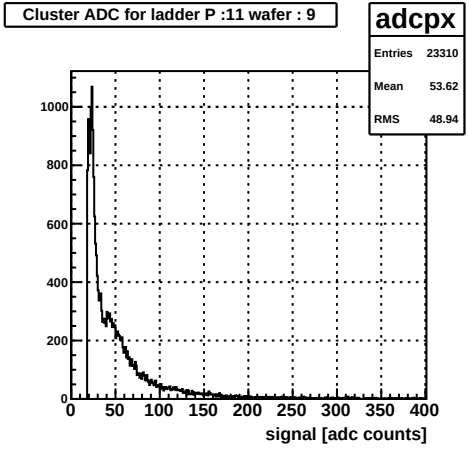

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 21942
Mean 47.67
RMS 46.99
signal [adc counts]

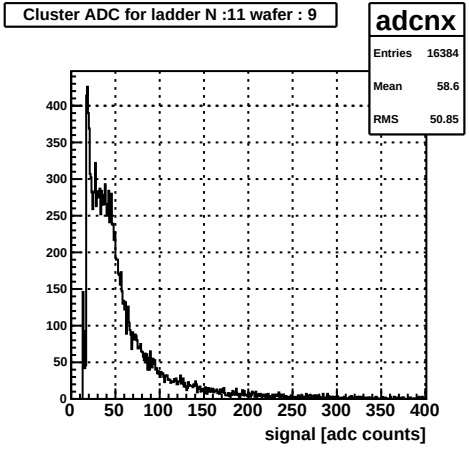

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 14229
Mean 49.31
RMS 47.58
signal [adc counts]

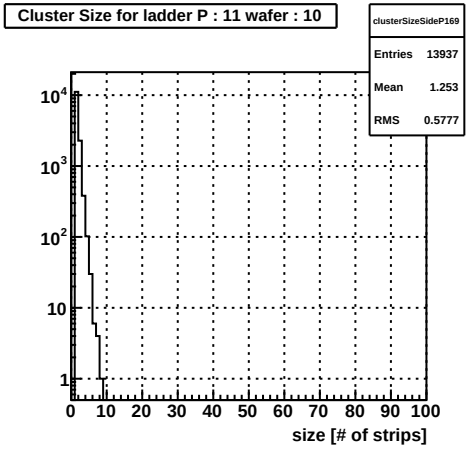

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 23310
Mean 1.22
RMS 0.5185
size [# of strips]

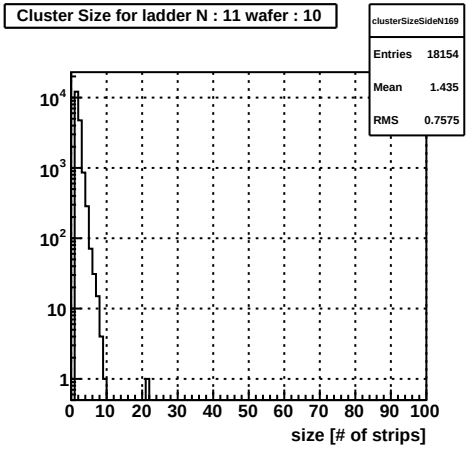

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 16384
Mean 1.414
RMS 0.709
size [# of strips]

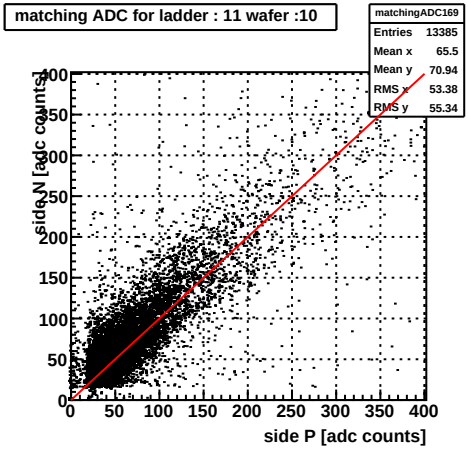

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 12308
Mean x 64.09
Mean y 61.7
RMS x 52.23
RMS y 50.03
side N [adc counts]
side P [adc counts]

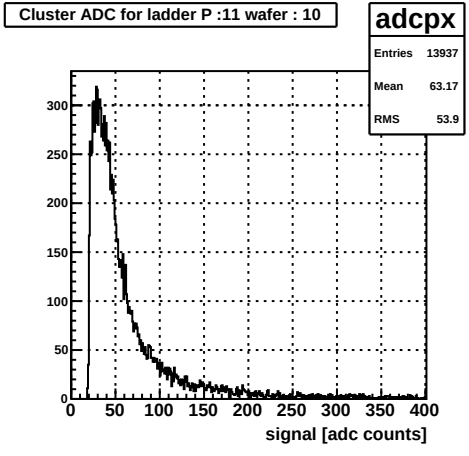

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 23310
Mean 53.62
RMS 48.94
signal [adc counts]

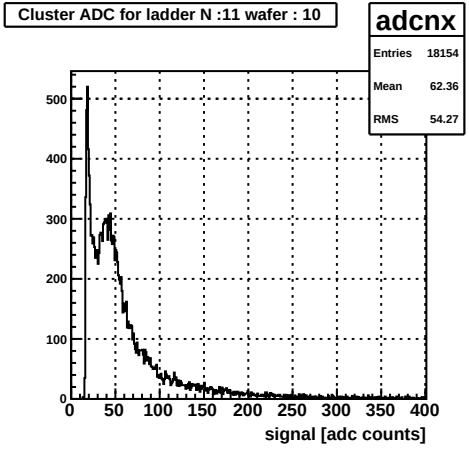

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 16384
Mean 58.6
RMS 50.85
signal [adc counts]

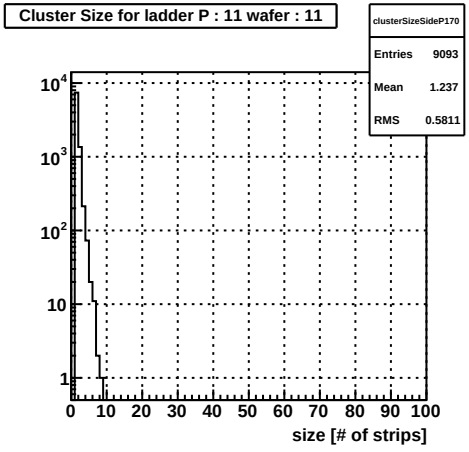

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 13937
Mean 1.253
RMS 0.5777
size [# of strips]

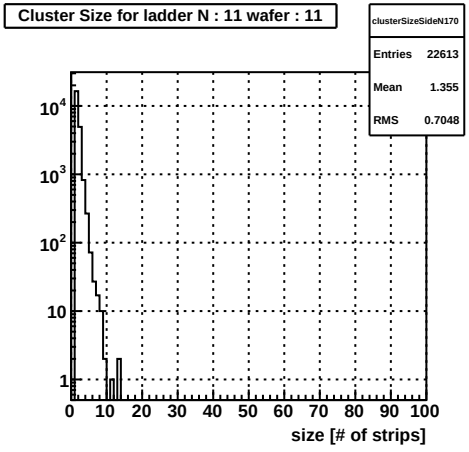

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 18154
Mean 1.435
RMS 0.7575
size [# of strips]

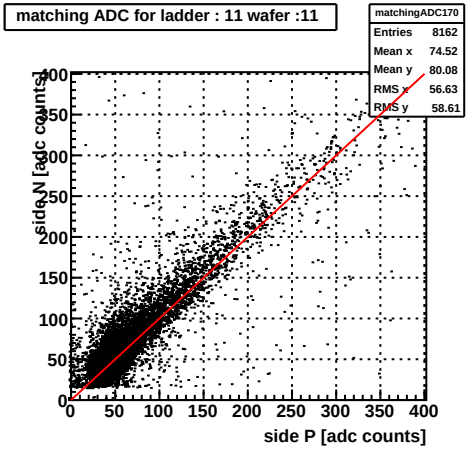

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 13385
Mean x 65.5
Mean y 70.94
RMS x 53.38
RMS y 55.34
side N [adc counts]
side P [adc counts]

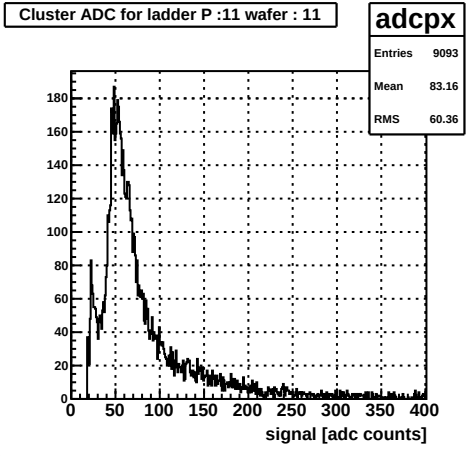

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 13937
Mean 63.17
RMS 53.9
signal [adc counts]

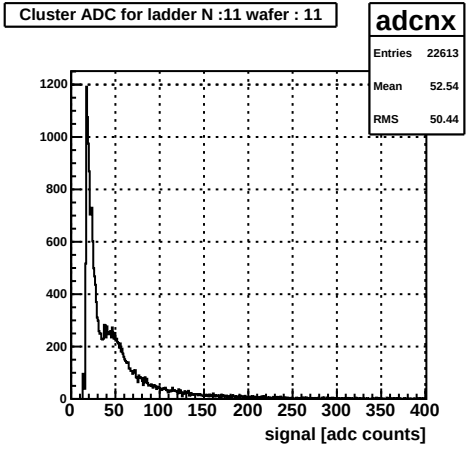

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 18154
Mean 62.36
RMS 54.27
signal [adc counts]

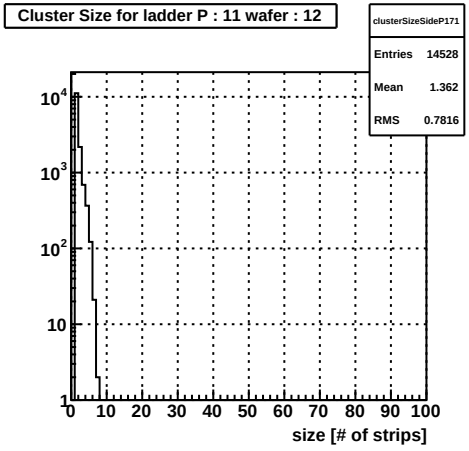

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9093
Mean 1.237
RMS 0.5811
size [# of strips]

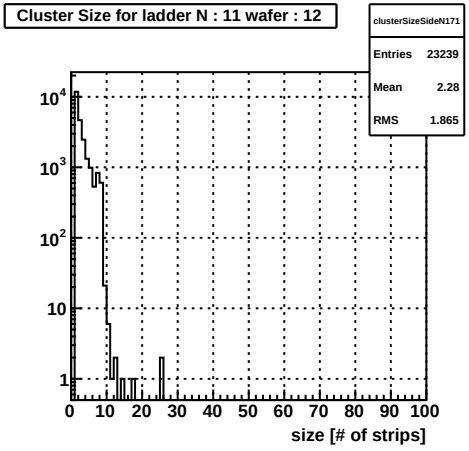

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 22613
Mean 1.355
RMS 0.7048
size [# of strips]

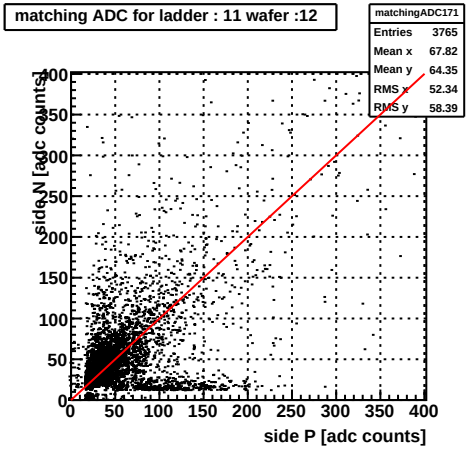

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8162
Mean x 74.52
Mean y 80.08
RMS x 56.63
RMS y 58.61
side N [adc counts]
side P [adc counts]

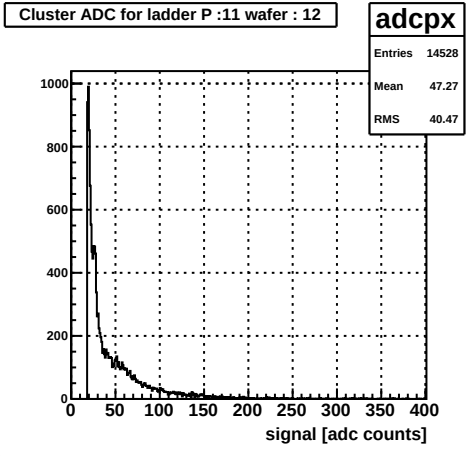

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9093
Mean 83.16
RMS 60.36
signal [adc counts]

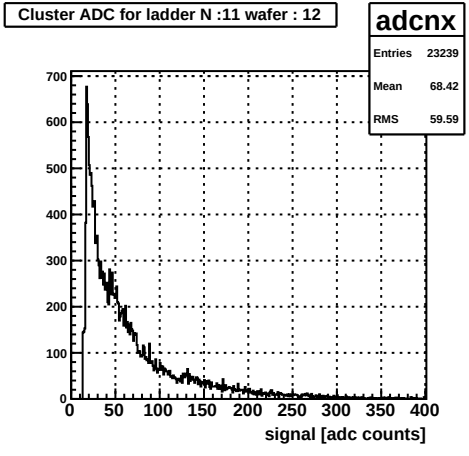

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 22613
Mean 52.54
RMS 50.44
signal [adc counts]

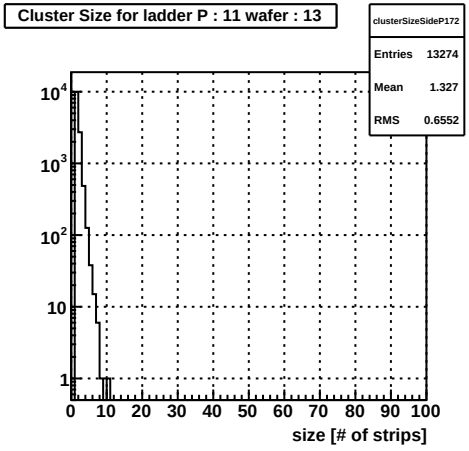

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 14528
Mean 1.362
RMS 0.7816
size [# of strips]

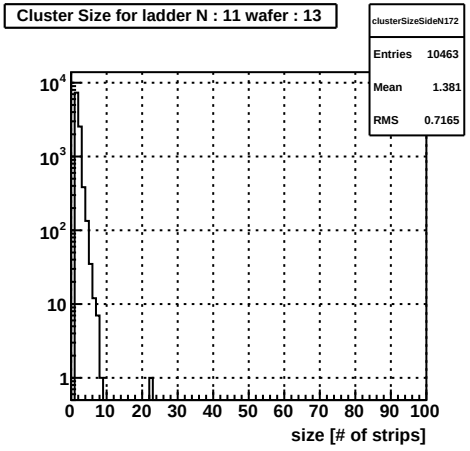

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 23239
Mean 2.28
RMS 1.865
size [# of strips]

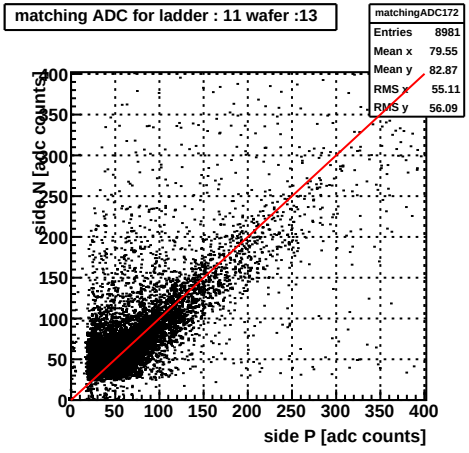

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3765
Mean x 67.82
Mean y 64.35
RMS x 52.34
RMS y 58.39
side N [adc counts]
side P [adc counts]

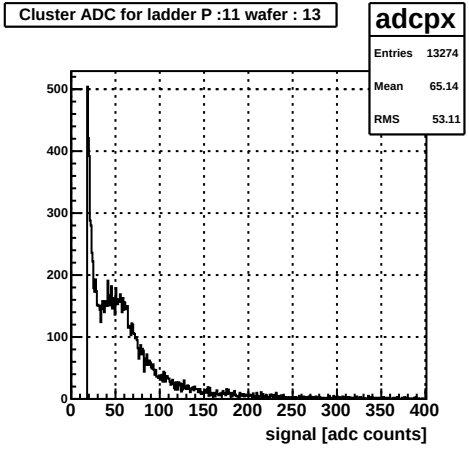

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 14528
Mean 47.27
RMS 40.47
signal [adc counts]

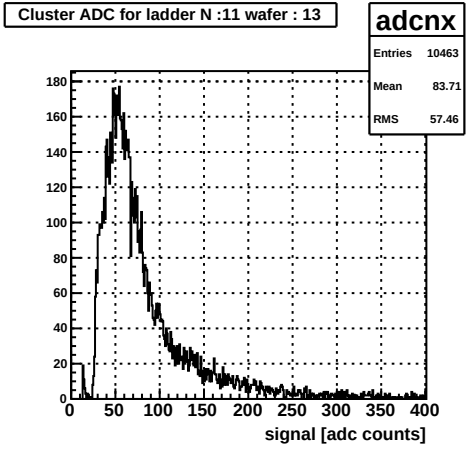

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 23239
Mean 68.42
RMS 59.59
signal [adc counts]

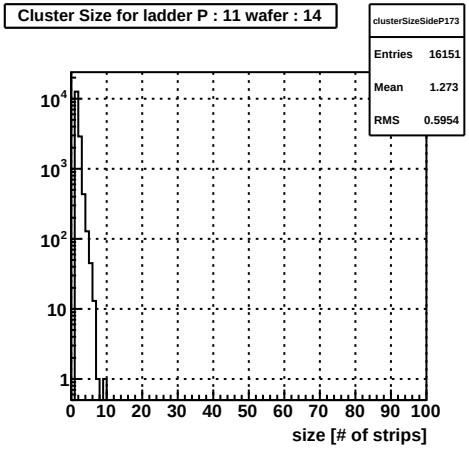

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 13274
Mean 1.327
RMS 0.6552
size [# of strips]

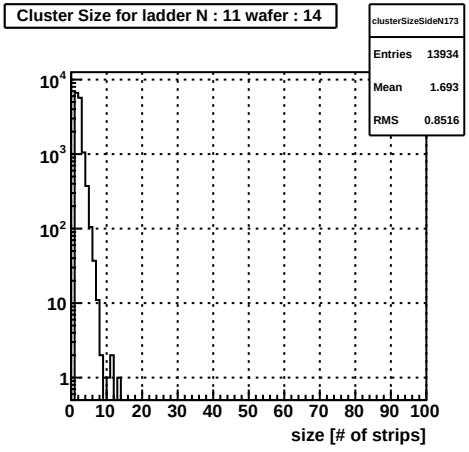

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10463
Mean 1.381
RMS 0.7165
size [# of strips]

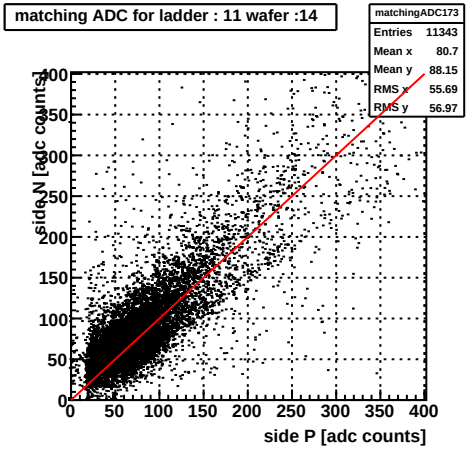

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8981
Mean x 79.55
Mean y 82.87
RMS x 55.11
RMS y 56.09
side N [adc counts]
side P [adc counts]

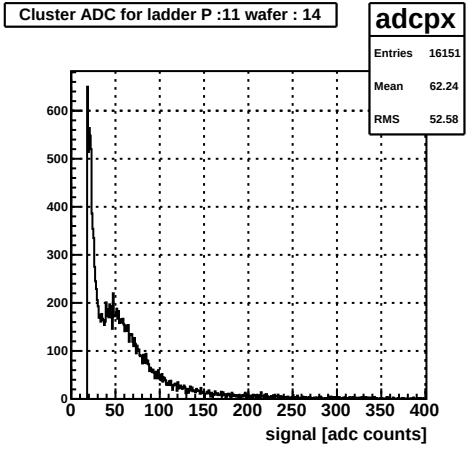

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 13274
Mean 65.14
RMS 53.11
signal [adc counts]

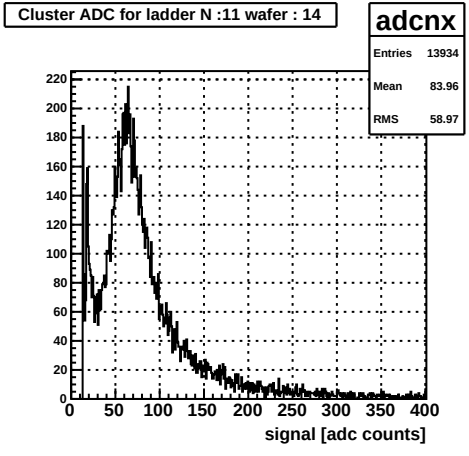

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10463
Mean 83.71
RMS 57.46
signal [adc counts]

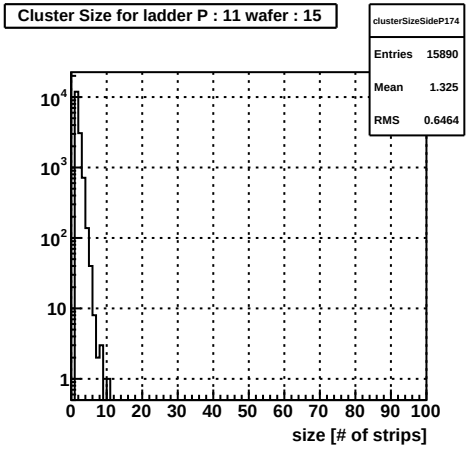

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 16151
Mean 1.273
RMS 0.5954
size [# of strips]

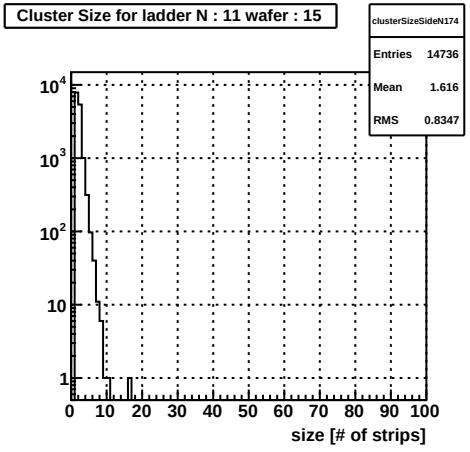

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 13934
Mean 1.693
RMS 0.8516
size [# of strips]

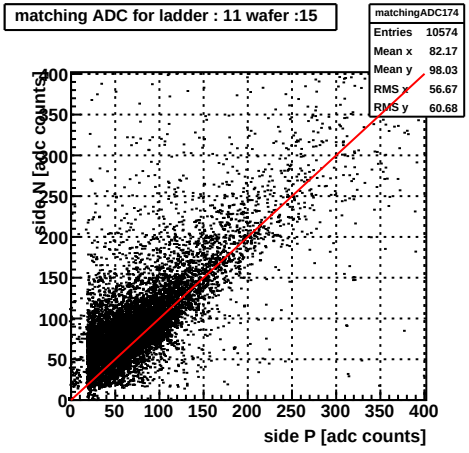

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 11343
Mean x 80.7
Mean y 88.15
RMS x 55.69
RMS y 56.97
side N [adc counts]
side P [adc counts]

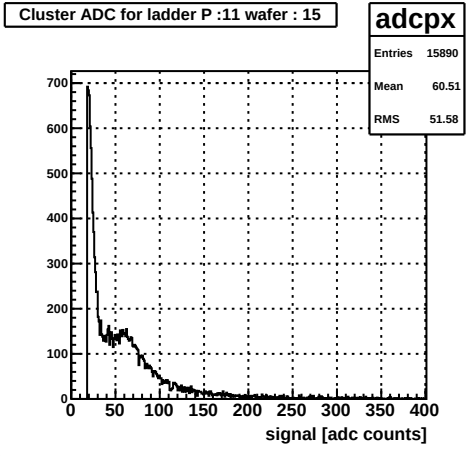

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 16151
Mean 62.24
RMS 52.58
signal [adc counts]

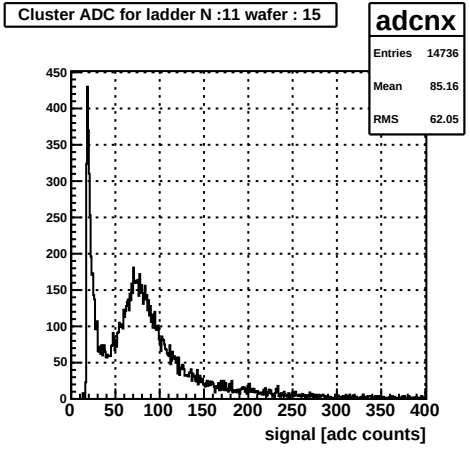

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 13934
Mean 83.96
RMS 58.97
signal [adc counts]

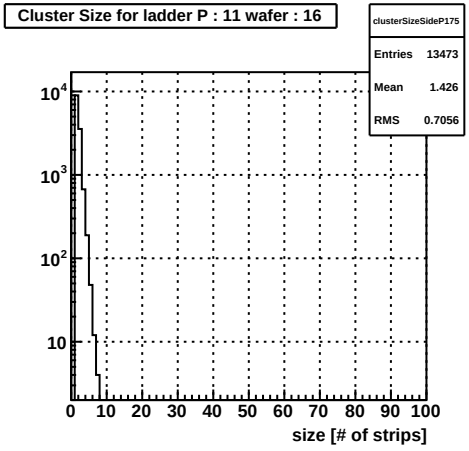

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 15890
Mean 1.325
RMS 0.6464
size [# of strips]

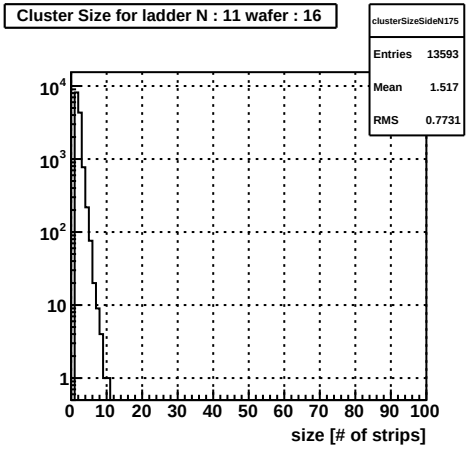

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 14736
Mean 1.616
RMS 0.8347
size [# of strips]

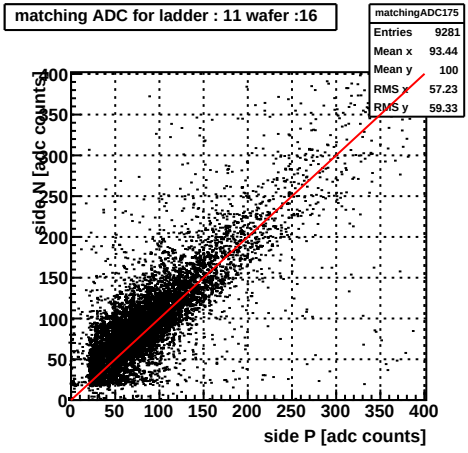

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 10574
Mean x 82.17
Mean y 98.03
RMS x 56.67
RMS y 60.68
side N [adc counts]
side P [adc counts]

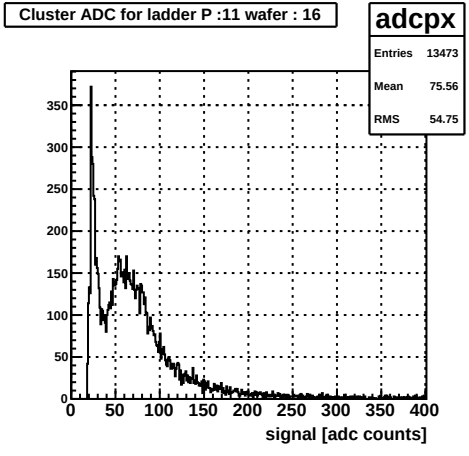

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 15890
Mean 60.51
RMS 51.58
signal [adc counts]

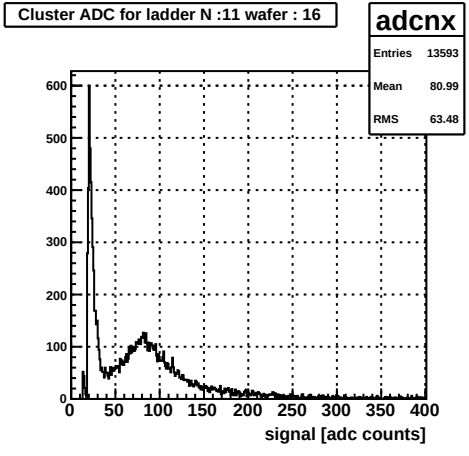

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 14736
Mean 85.16
RMS 62.05
signal [adc counts]

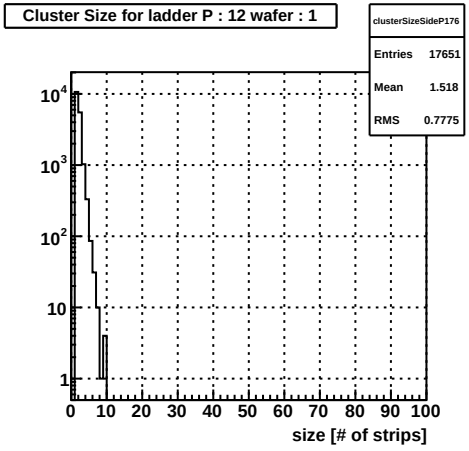

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 13473
Mean 1.426
RMS 0.7056
size [# of strips]

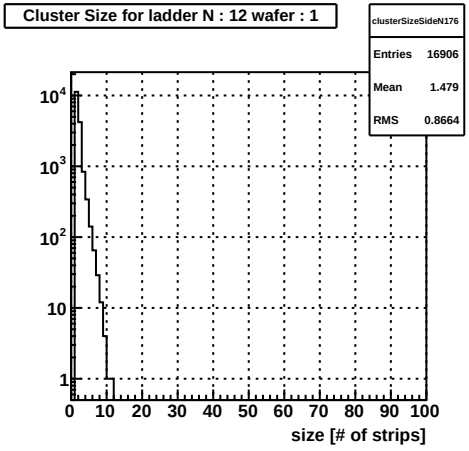

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 13593
Mean 1.517
RMS 0.7731
size [# of strips]

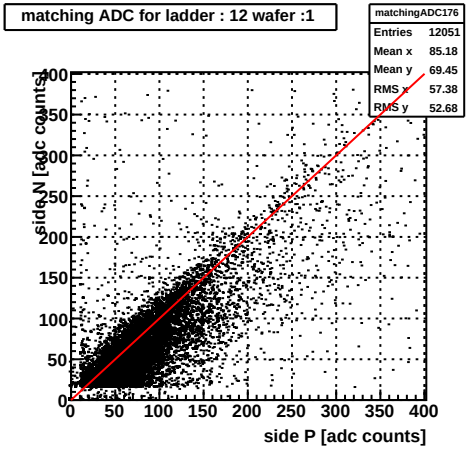

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 9281
Mean x 93.44
Mean y 100
RMS x 57.23
RMS y 59.33
side N [adc counts]
side P [adc counts]

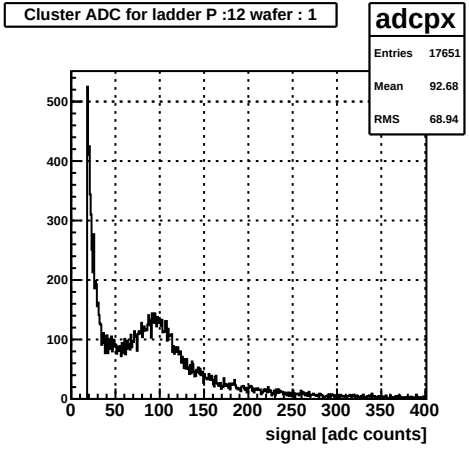

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 13473
Mean 75.56
RMS 54.75
signal [adc counts]

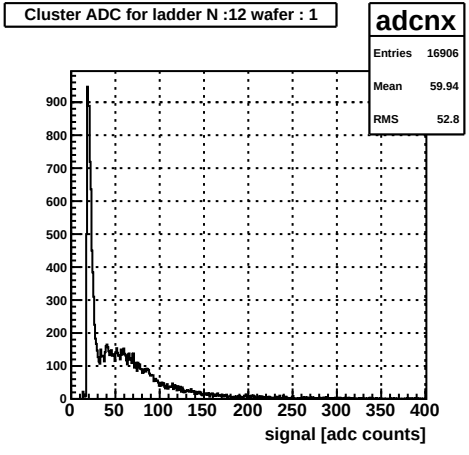

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 13593
Mean 80.99
RMS 63.48
signal [adc counts]

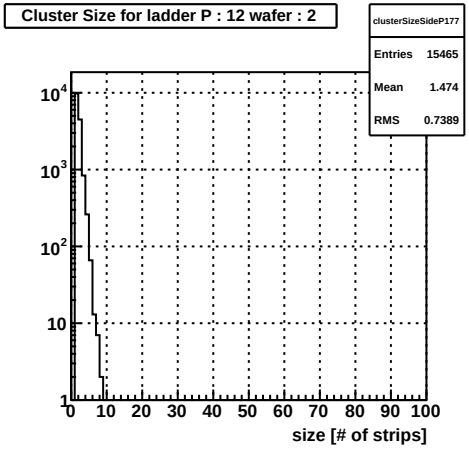

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 17651
Mean 1.518
RMS 0.7775
size [# of strips]

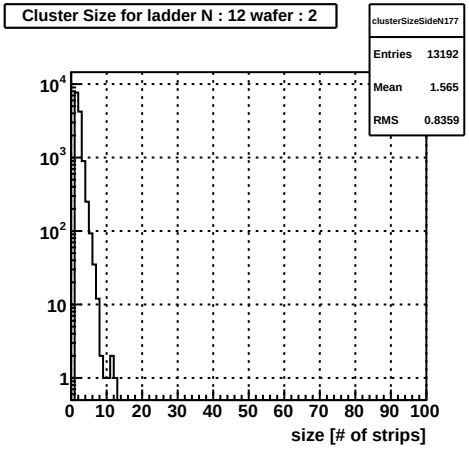

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 16906
Mean 1.479
RMS 0.8664
size [# of strips]

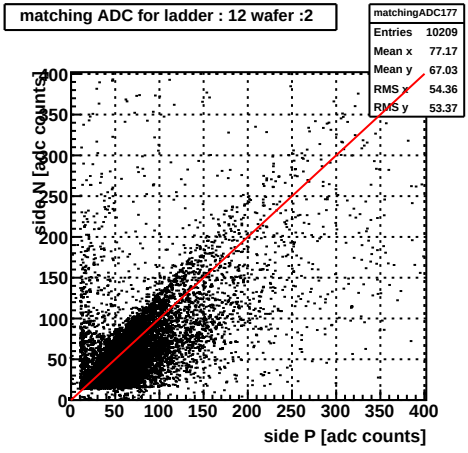

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 12051
Mean x 85.18
Mean y 69.45
RMS x 57.38
RMS y 52.68
side N [adc counts]
side P [adc counts]

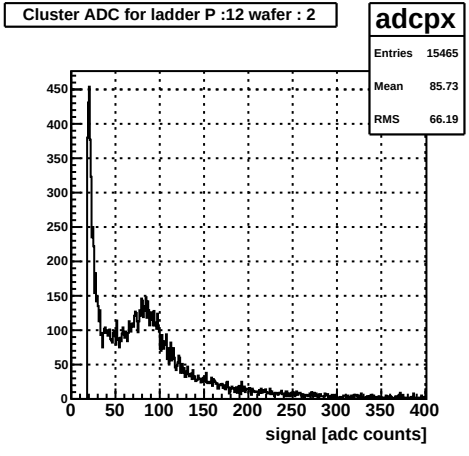

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 17651
Mean 92.68
RMS 68.94
signal [adc counts]

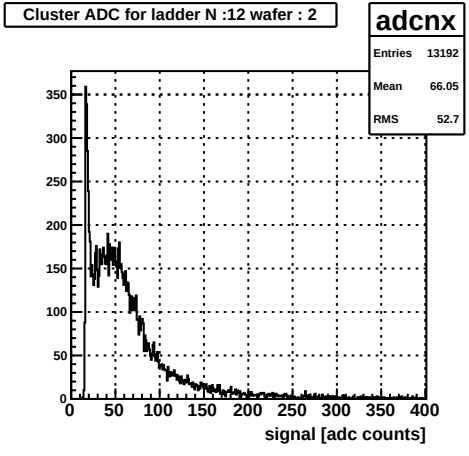

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 16906
Mean 59.94
RMS 52.8
signal [adc counts]

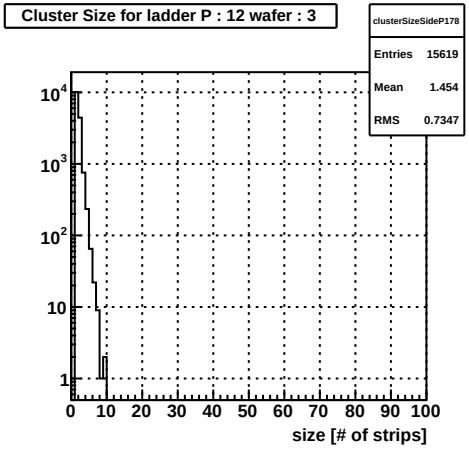

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15465
Mean 1.474
RMS 0.7389
size [# of strips]

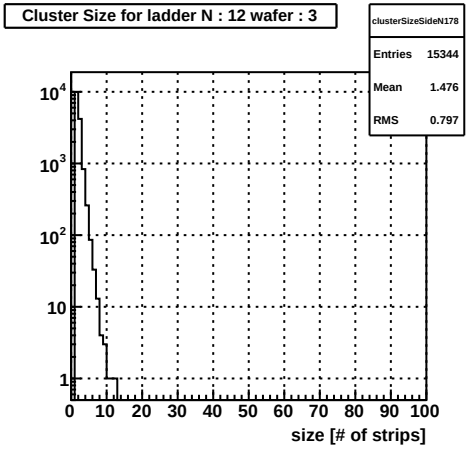

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 13192
Mean 1.565
RMS 0.8359
size [# of strips]

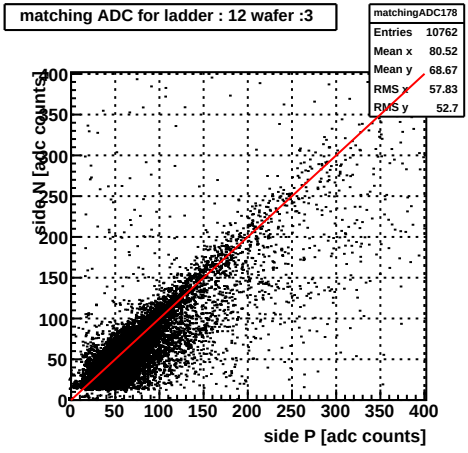

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10209
Mean x 77.17
Mean y 67.03
RMS x 54.36
RMS y 53.37
side N [adc counts]
side P [adc counts]

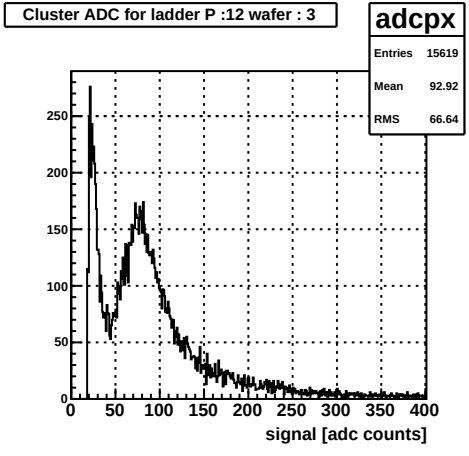

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15465
Mean 85.73
RMS 66.19
signal [adc counts]

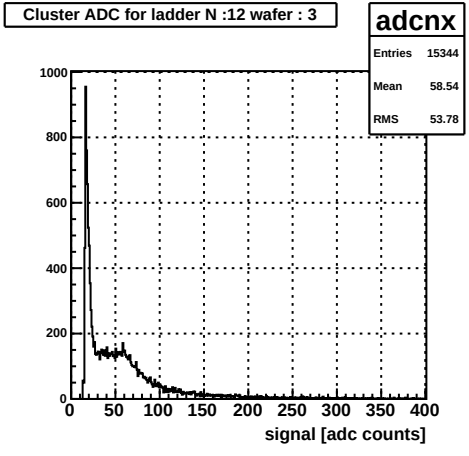

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 13192
Mean 66.05
RMS 52.7
signal [adc counts]

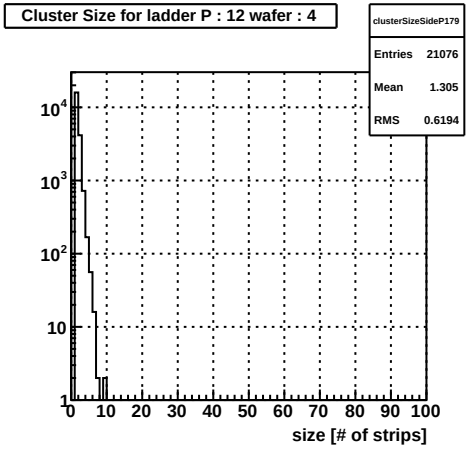

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15619
Mean 1.454
RMS 0.7347
size [# of strips]

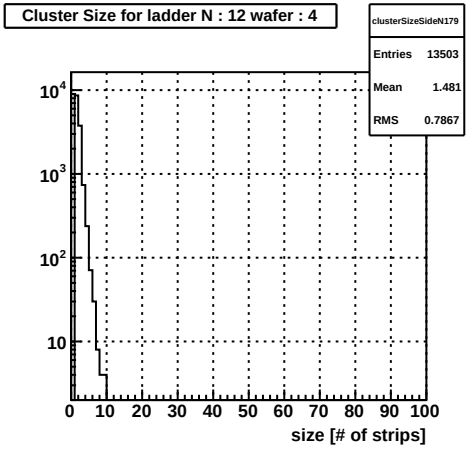

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 15344
Mean 1.476
RMS 0.797
size [# of strips]

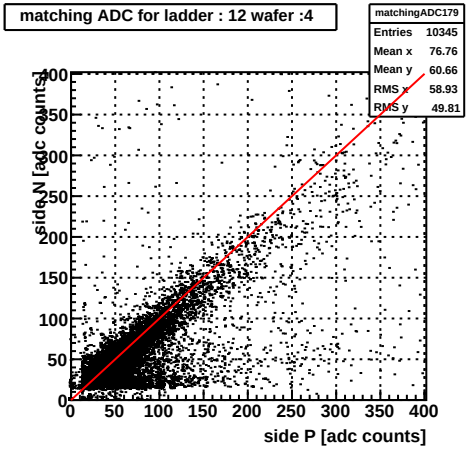

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10762
Mean x 80.52
Mean y 68.67
RMS x 57.83
RMS y 52.7
side N [adc counts]
side P [adc counts]

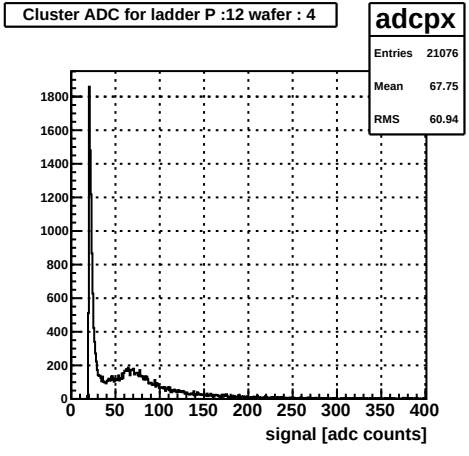

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15619
Mean 92.92
RMS 66.64
signal [adc counts]

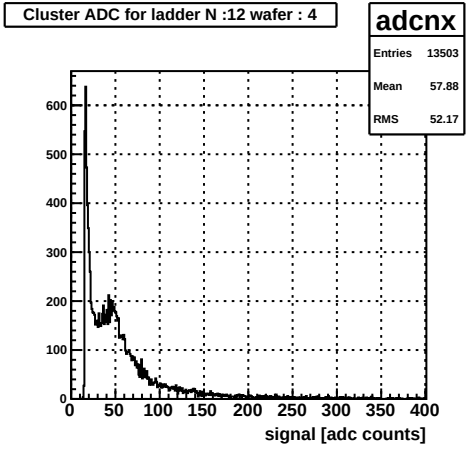

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 15344
Mean 58.54
RMS 53.78
signal [adc counts]

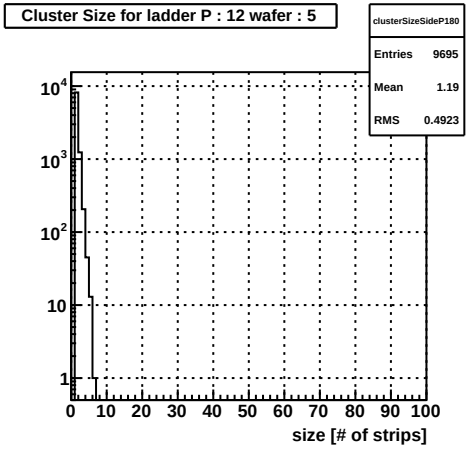

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 21076
Mean 1.305
RMS 0.6194
size [# of strips]

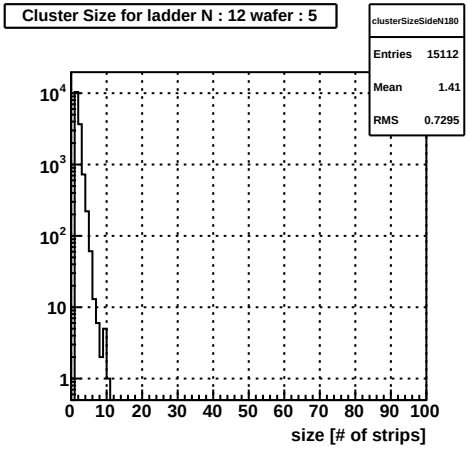

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 13503
Mean 1.481
RMS 0.7867
size [# of strips]

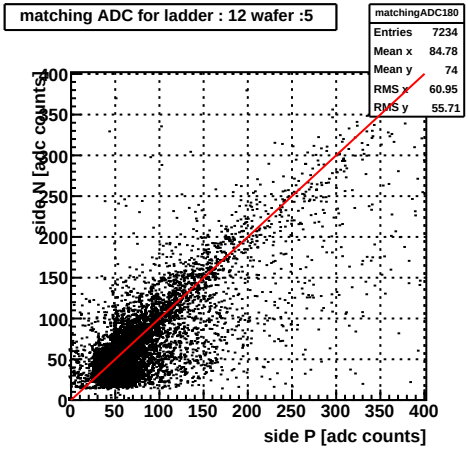

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 10345
Mean x 76.76
Mean y 60.66
RMS x 58.93
RMS y 49.81
side N [adc counts]
side P [adc counts]

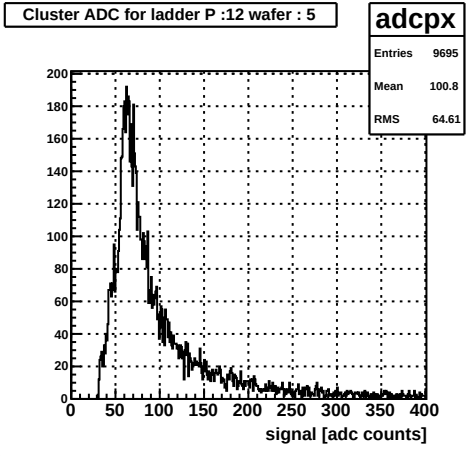

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 21076
Mean 67.75
RMS 60.94
signal [adc counts]

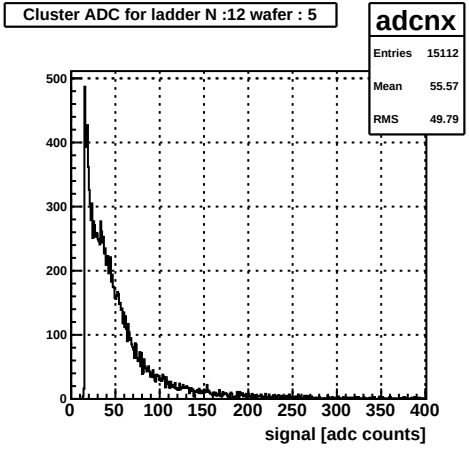

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 13503
Mean 57.88
RMS 52.17
signal [adc counts]

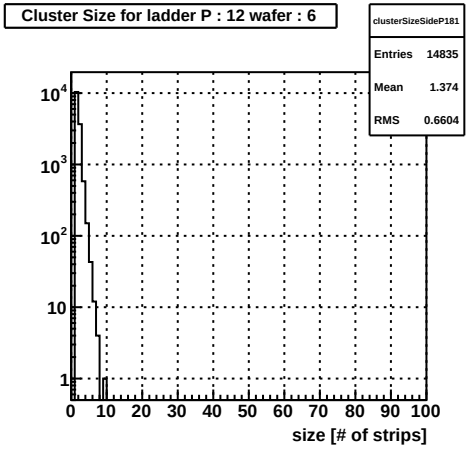

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 9695
Mean 1.19
RMS 0.4923
size [# of strips]

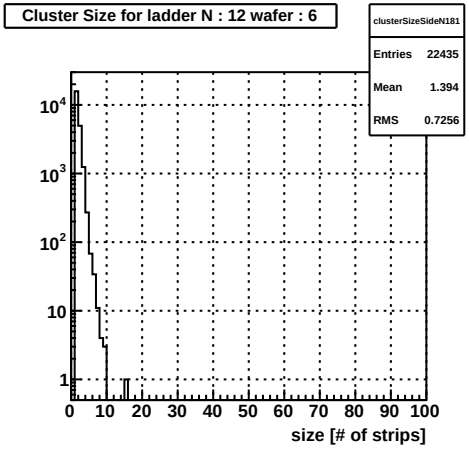

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 15112
Mean 1.41
RMS 0.7295
size [# of strips]

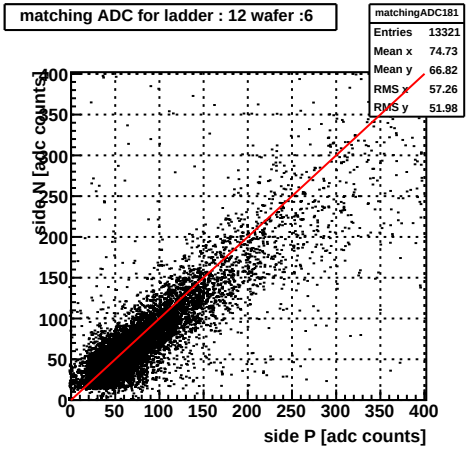

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 7234
Mean x 84.78
Mean y 74
RMS x 60.95
RMS y 55.71
side N [adc counts]
side P [adc counts]

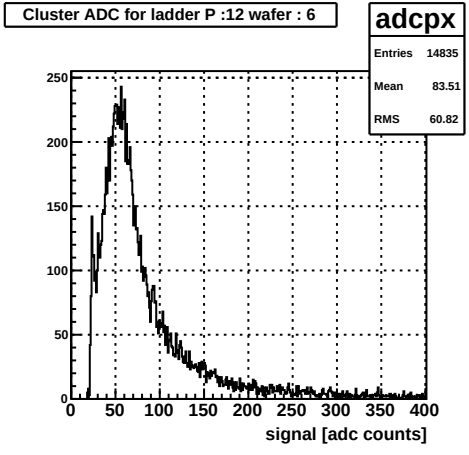

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 9695
Mean 100.8
RMS 64.61
signal [adc counts]

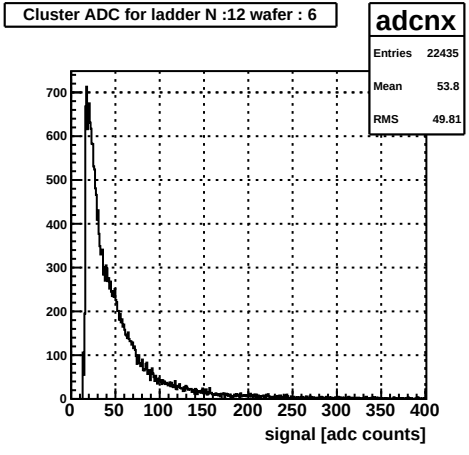

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 15112
Mean 55.57
RMS 49.79
signal [adc counts]

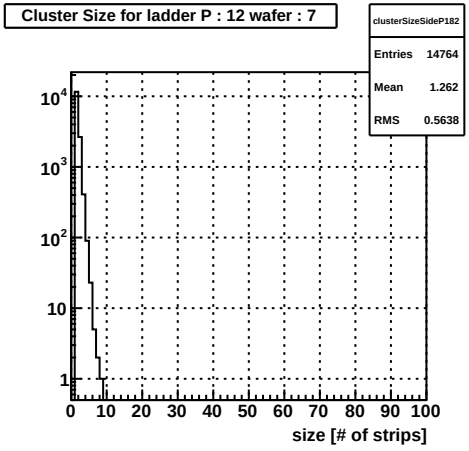

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 14835
Mean 1.374
RMS 0.6604
size [# of strips]

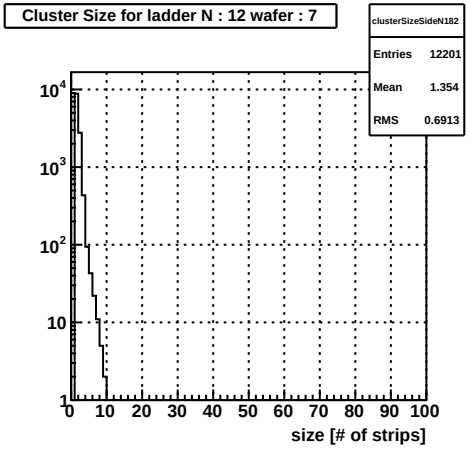

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 22435
Mean 1.394
RMS 0.7256
size [# of strips]

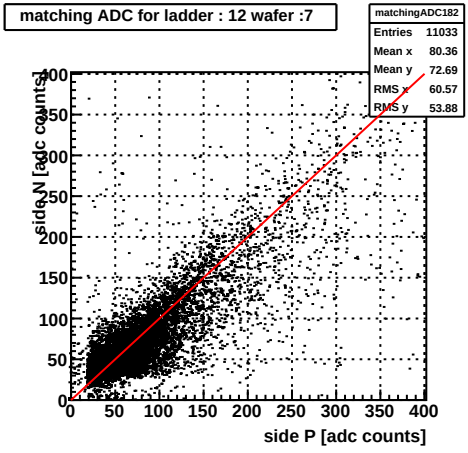

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 13321
Mean x 74.73
Mean y 66.82
RMS x 57.26
RMS y 51.98
side N [adc counts]
side P [adc counts]

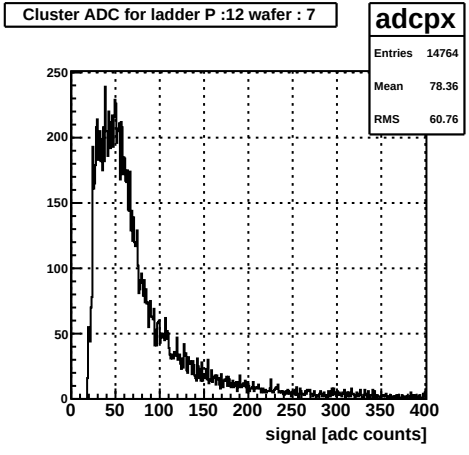

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 14835
Mean 83.51
RMS 60.82
signal [adc counts]

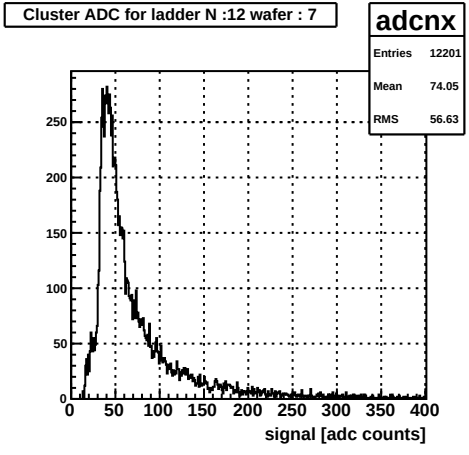

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 22435
Mean 53.8
RMS 49.81
signal [adc counts]

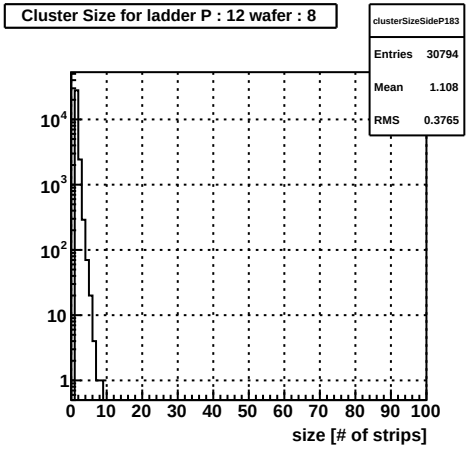

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14764
Mean 1.262
RMS 0.5638
size [# of strips]

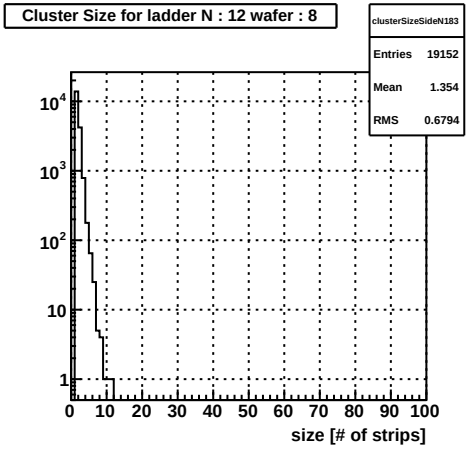

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 12201
Mean 1.354
RMS 0.6913
size [# of strips]

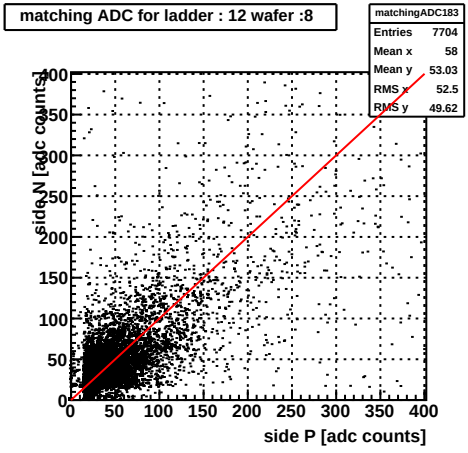

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 11033
Mean x 80.36
Mean y 72.69
RMS x 60.57
RMS y 53.88
side N [adc counts]
side P [adc counts]

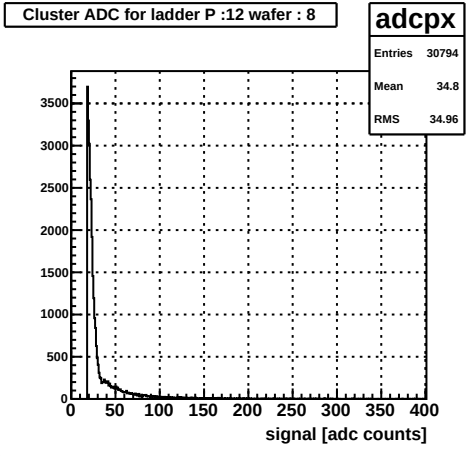

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14764
Mean 78.36
RMS 60.76
signal [adc counts]

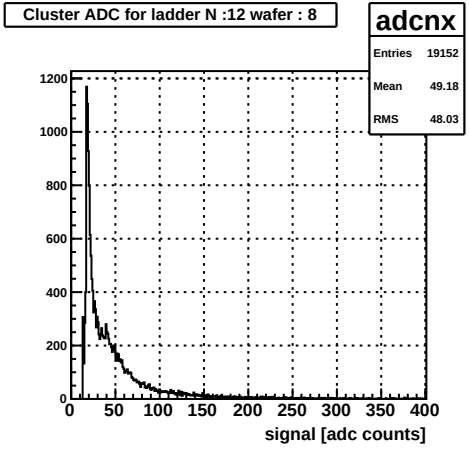

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 12201
Mean 74.05
RMS 56.63
signal [adc counts]

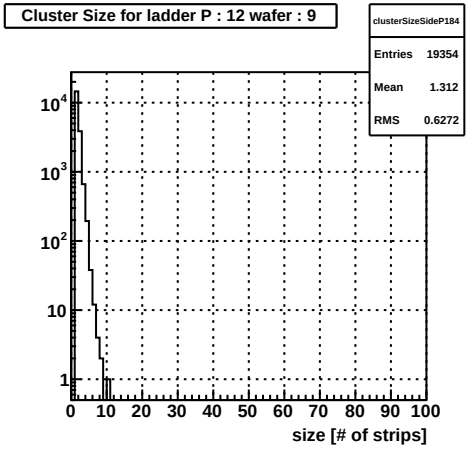

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 30794
Mean 1.108
RMS 0.3765
size [# of strips]

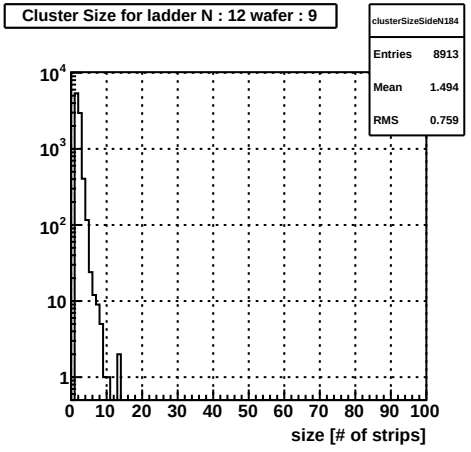

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 19152
Mean 1.354
RMS 0.6794
size [# of strips]

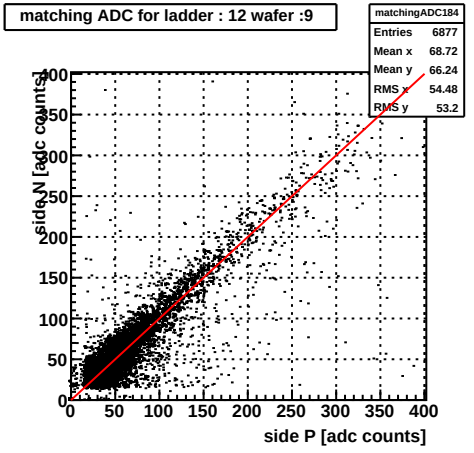

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 7704
Mean x 58
Mean y 53.03
RMS x 52.5
RMS y 49.62
side N [adc counts]
side P [adc counts]

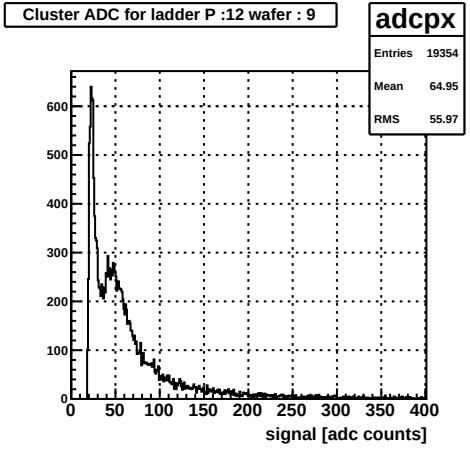

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 30794
Mean 34.8
RMS 34.96
signal [adc counts]

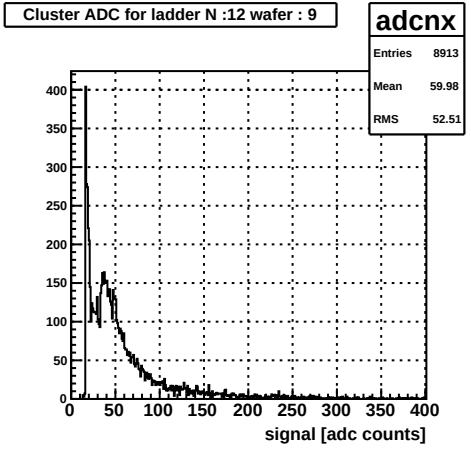

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 19152
Mean 49.18
RMS 48.03
signal [adc counts]

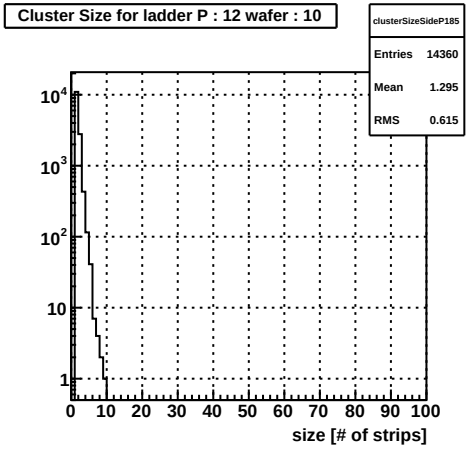

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 19354
Mean 1.312
RMS 0.6272
size [# of strips]

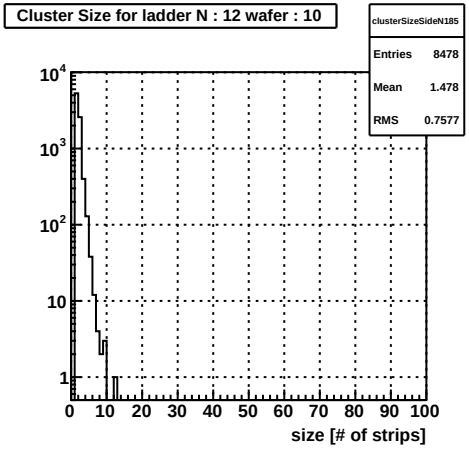

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8913
Mean 1.494
RMS 0.759
size [# of strips]

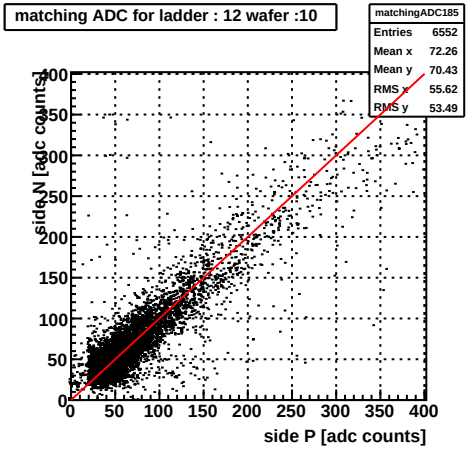

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6877
Mean x 68.72
Mean y 66.24
RMS x 54.48
RMS y 53.2
side N [adc counts]
side P [adc counts]

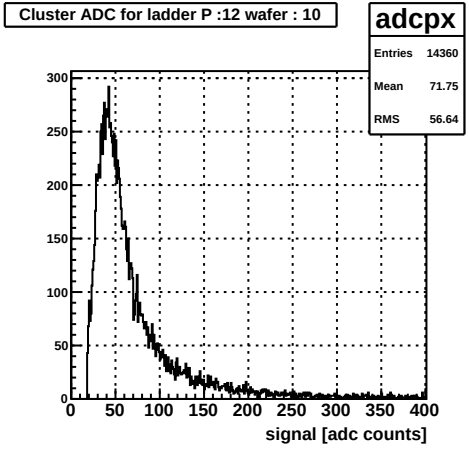

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 19354
Mean 64.95
RMS 55.97
signal [adc counts]

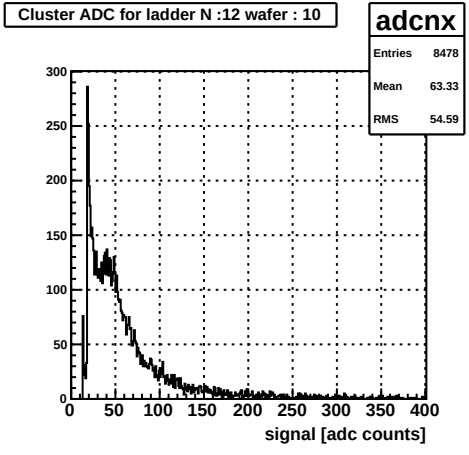

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8913
Mean 59.98
RMS 52.51
signal [adc counts]

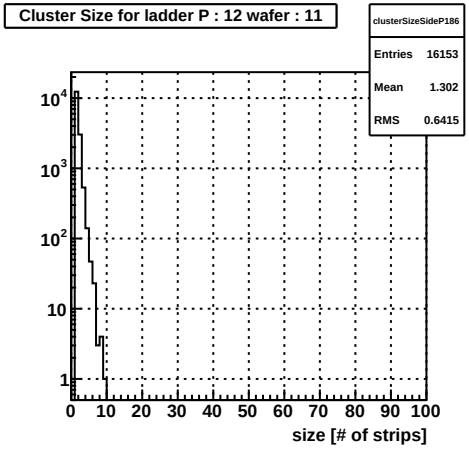

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14360
Mean 1.295
RMS 0.615
size [# of strips]

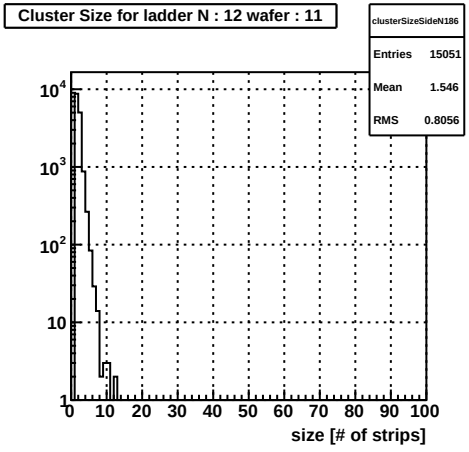

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 8478
Mean 1.478
RMS 0.7577
size [# of strips]

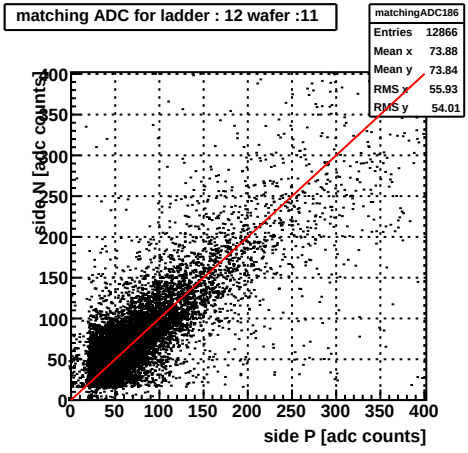

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6552
Mean x 72.26
Mean y 70.43
RMS x 55.62
RMS y 53.49
side N [adc counts]
side P [adc counts]

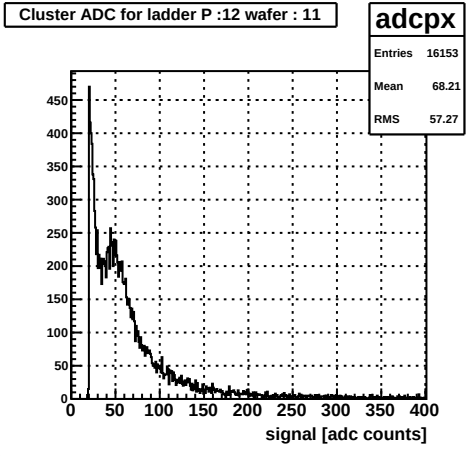

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14360
Mean 71.75
RMS 56.64
signal [adc counts]

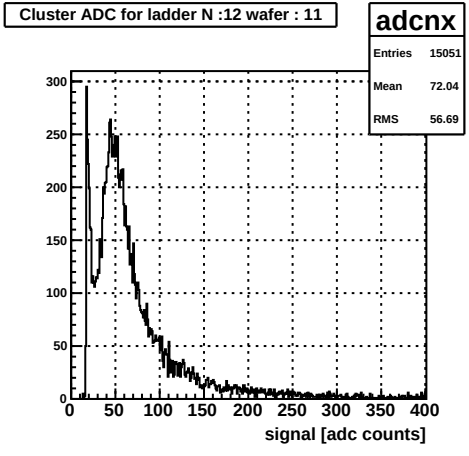

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 8478
Mean 63.33
RMS 54.59
signal [adc counts]

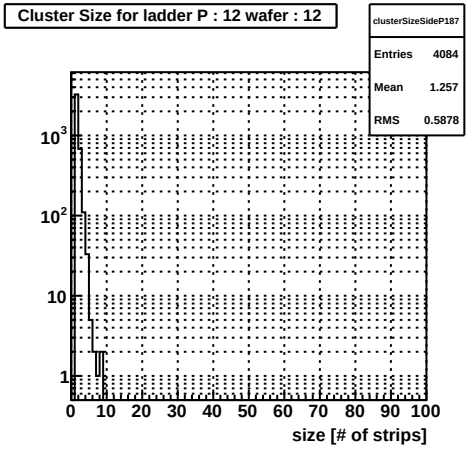

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16153
Mean 1.302
RMS 0.6415
size [# of strips]

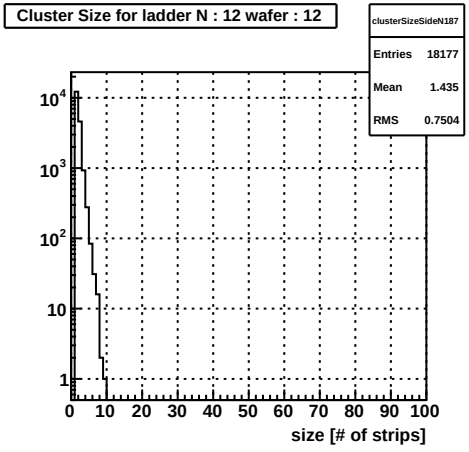

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15051
Mean 1.546
RMS 0.8056
size [# of strips]

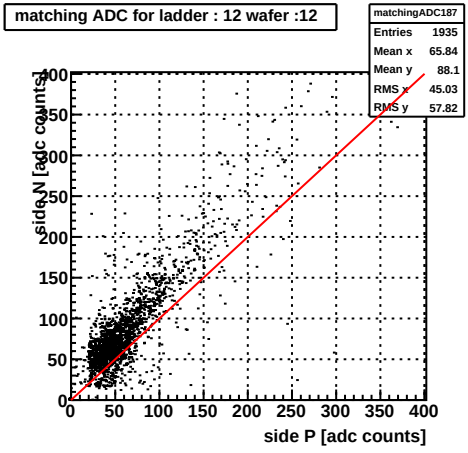

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 12866
Mean x 73.88
Mean y 73.84
RMS x 55.93
RMS y 54.01
side N [adc counts]
side P [adc counts]

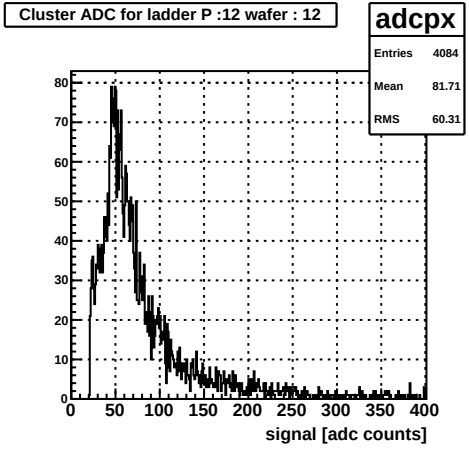

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16153
Mean 68.21
RMS 57.27
signal [adc counts]

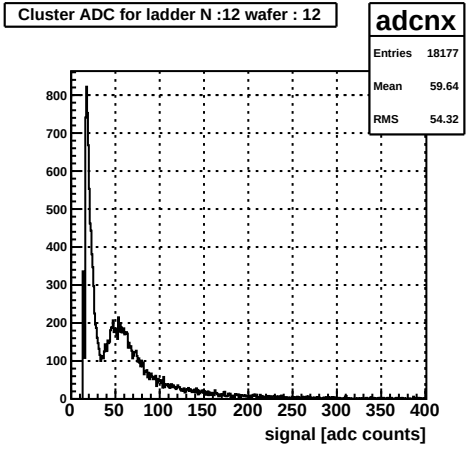

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15051
Mean 72.04
RMS 56.69
signal [adc counts]

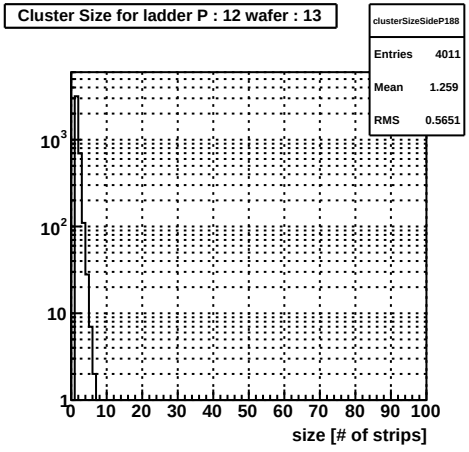

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4084
Mean 1.257
RMS 0.5878
size [# of strips]

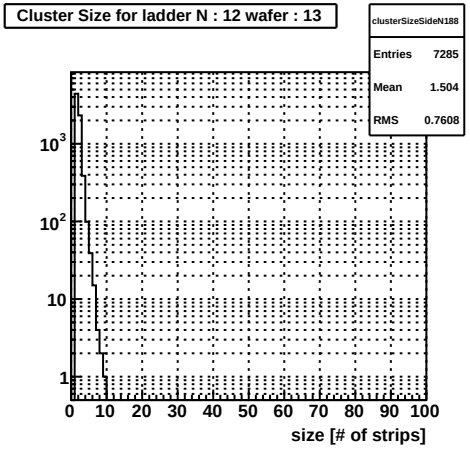

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 18177
Mean 1.435
RMS 0.7504
size [# of strips]

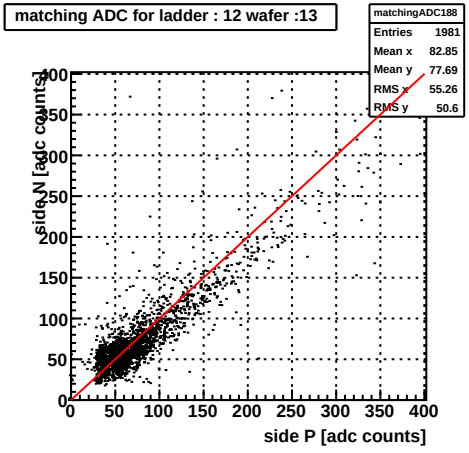

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1935
Mean x 65.84
Mean y 88.1
RMS x 45.03
RMS y 57.82
side N [adc counts]
side P [adc counts]

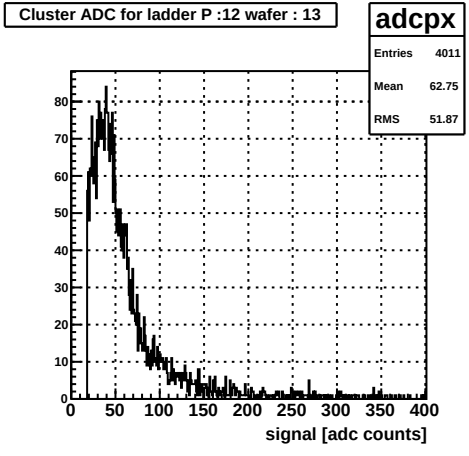

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4084
Mean 81.71
RMS 60.31
signal [adc counts]

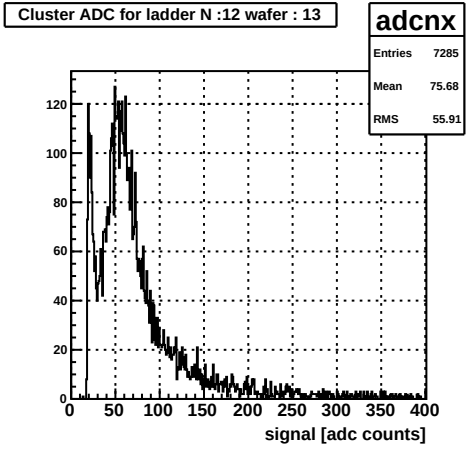

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 18177
Mean 59.64
RMS 54.32
signal [adc counts]

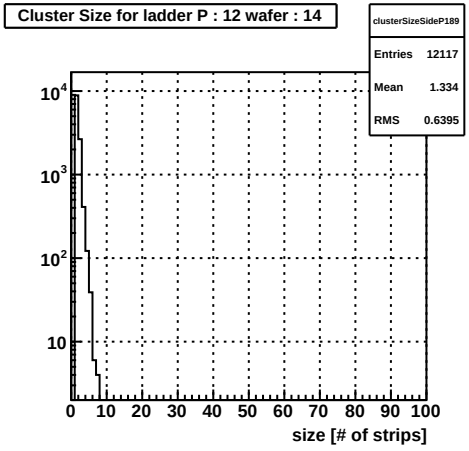

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4011
Mean 1.259
RMS 0.5651
size [# of strips]

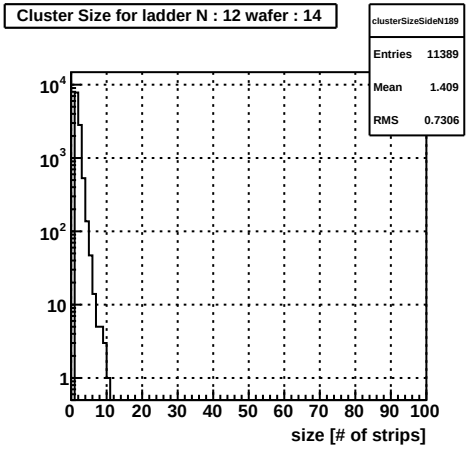

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7285
Mean 1.504
RMS 0.7608
size [# of strips]

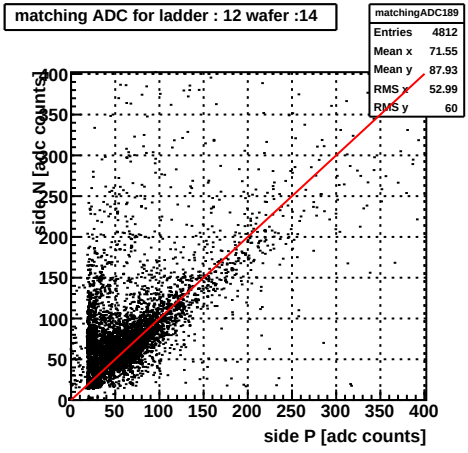

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1981
Mean x 82.85
Mean y 77.69
RMS x 55.26
RMS y 50.6
side N [adc counts]
side P [adc counts]

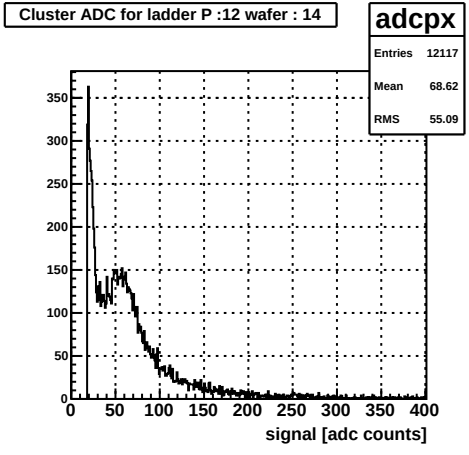

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4011
Mean 62.75
RMS 51.87
signal [adc counts]

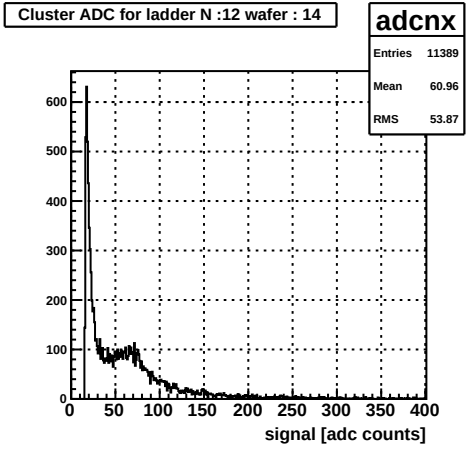

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7285
Mean 75.68
RMS 55.91
signal [adc counts]

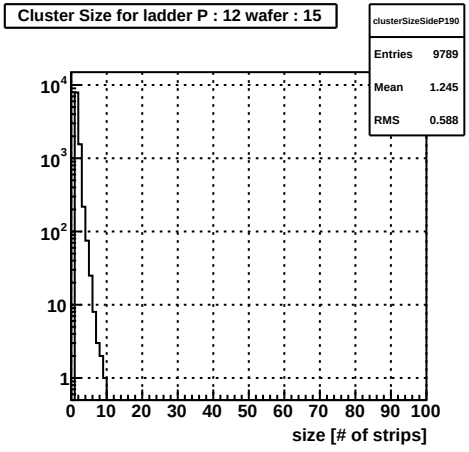

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 12117
Mean 1.334
RMS 0.6395
size [# of strips]

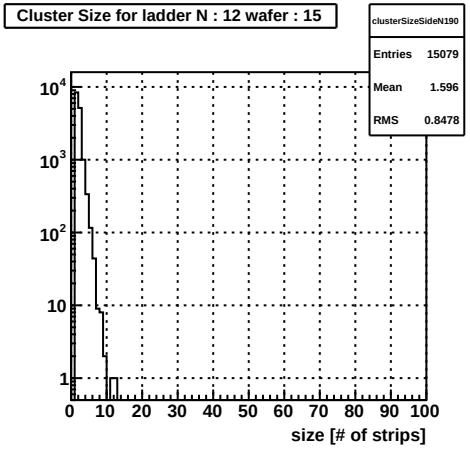

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 11389
Mean 1.409
RMS 0.7306
size [# of strips]

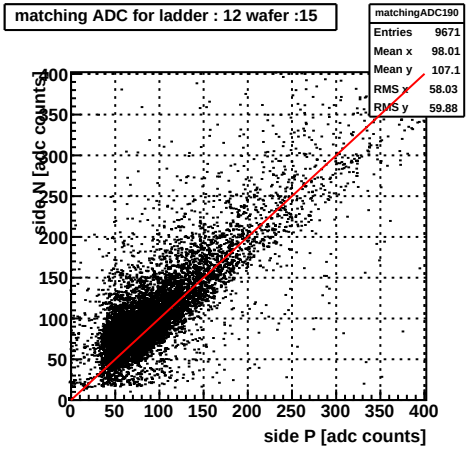

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4812
Mean x 71.55
Mean y 87.93
RMS x 52.99
RMS y 60
side N [adc counts]
side P [adc counts]

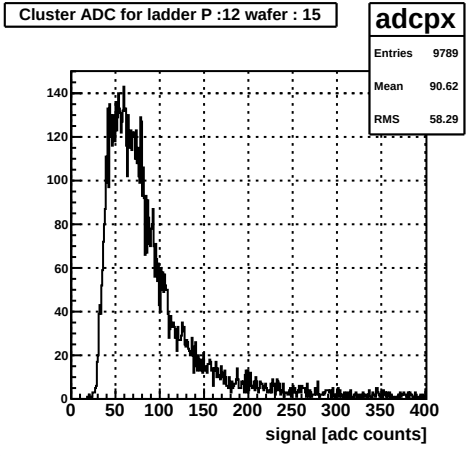

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 12117
Mean 68.62
RMS 55.09
signal [adc counts]

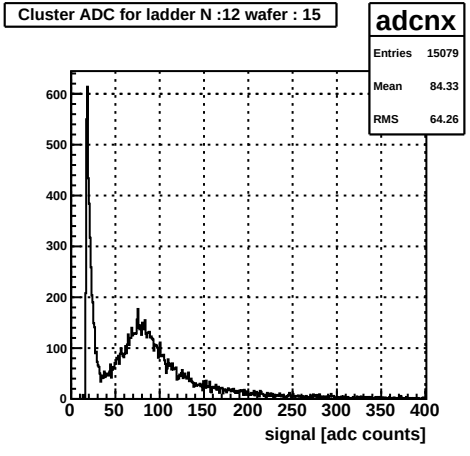

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 11389
Mean 60.96
RMS 53.87
signal [adc counts]

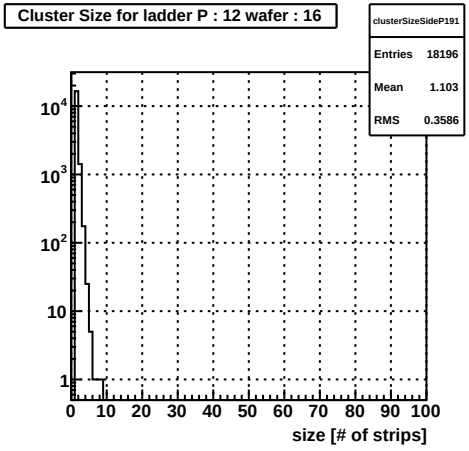

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9789
Mean 1.245
RMS 0.588
size [# of strips]

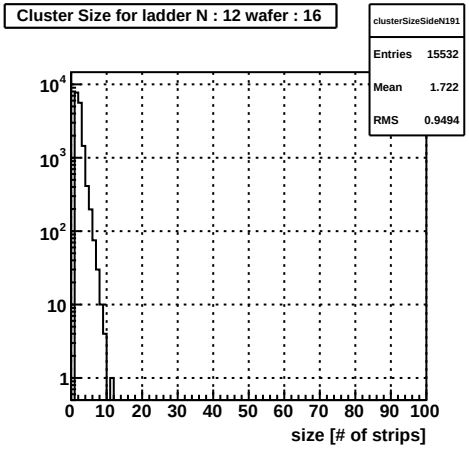

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 15079
Mean 1.596
RMS 0.8478
size [# of strips]

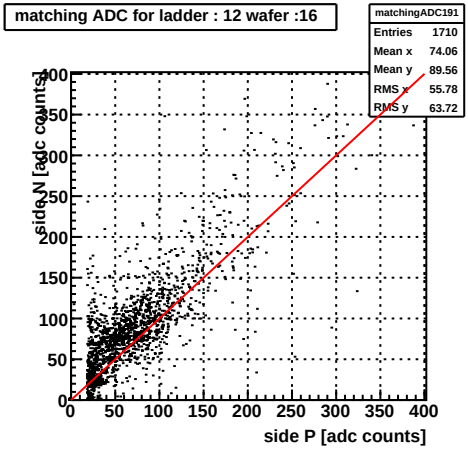

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9671
Mean x 98.01
Mean y 107.1
RMS x 58.03
RMS y 59.88
side N [adc counts]
side P [adc counts]

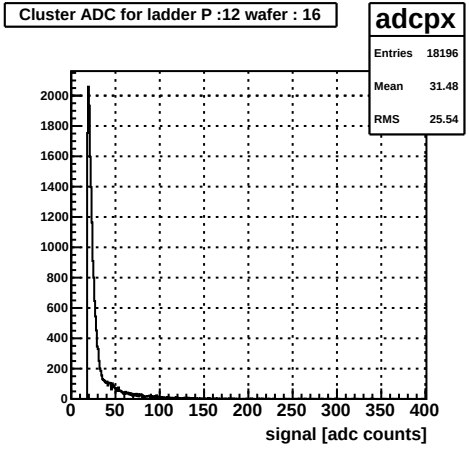

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9789
Mean 90.62
RMS 58.29
signal [adc counts]

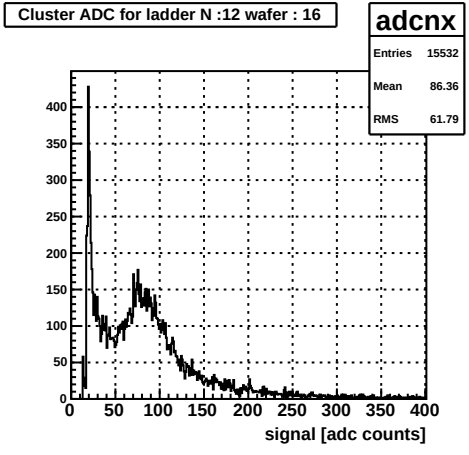

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 15079
Mean 84.33
RMS 64.26
signal [adc counts]

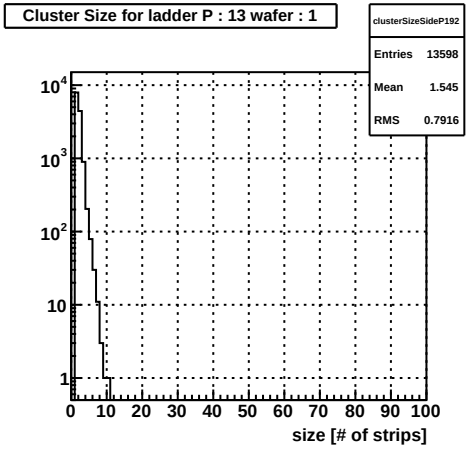

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18196
Mean 1.103
RMS 0.3586
size [# of strips]

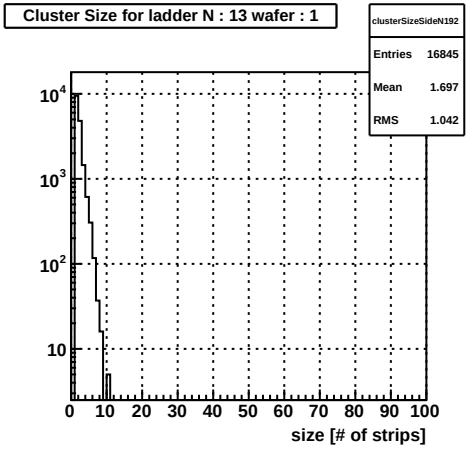

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15532
Mean 1.722
RMS 0.9494
size [# of strips]

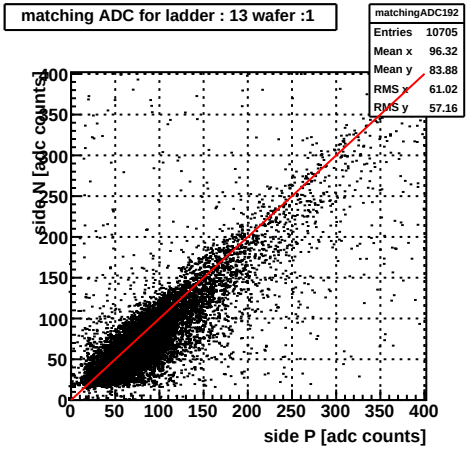

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1710
Mean x 74.06
Mean y 89.56
RMS x 55.78
RMS y 63.72
side N [adc counts]
side P [adc counts]

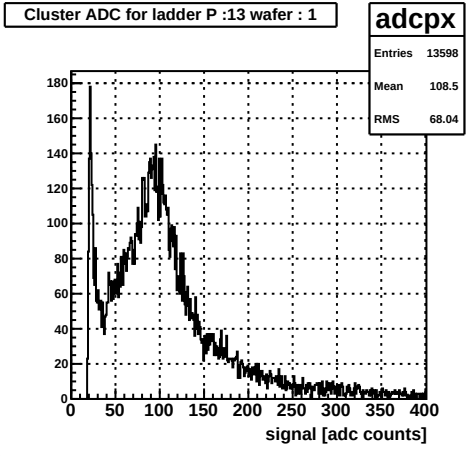

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18196
Mean 31.48
RMS 25.54
signal [adc counts]

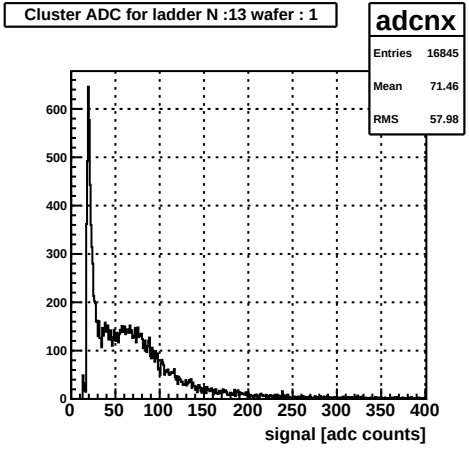

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15532
Mean 86.36
RMS 61.79
signal [adc counts]

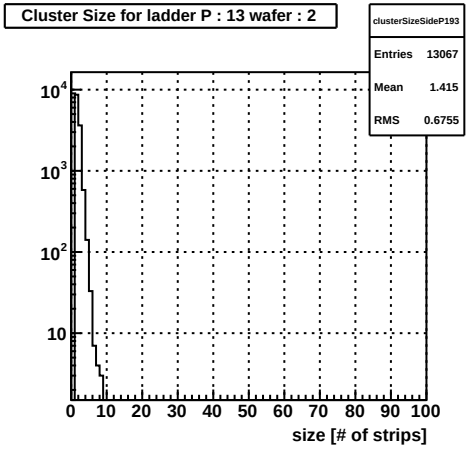

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 13598
Mean 1.545
RMS 0.7916
size [# of strips]

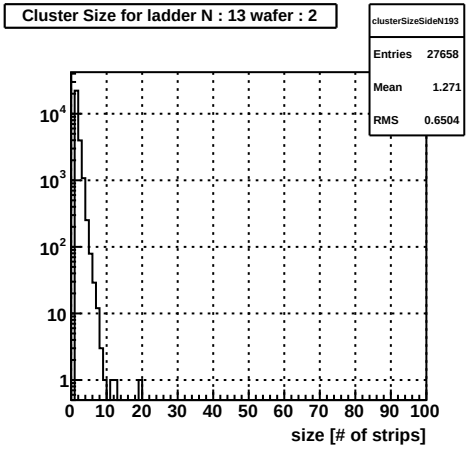

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 16845
Mean 1.697
RMS 1.042
size [# of strips]

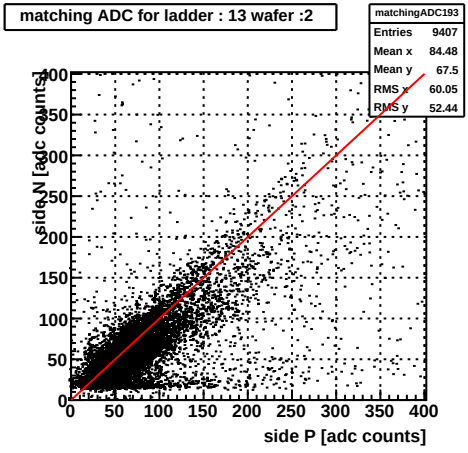

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 10705
Mean x 96.32
Mean y 83.88
RMS x 61.02
RMS y 57.16
side N [adc counts]
side P [adc counts]

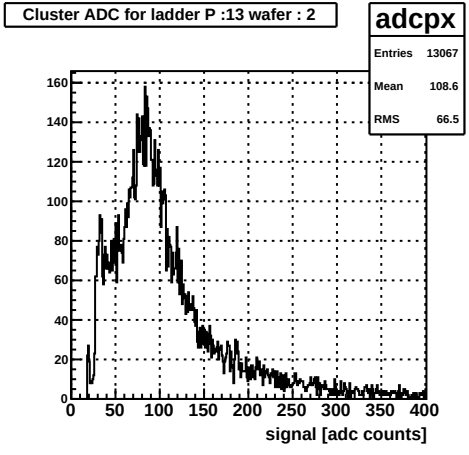

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 13598
Mean 108.5
RMS 68.04
signal [adc counts]

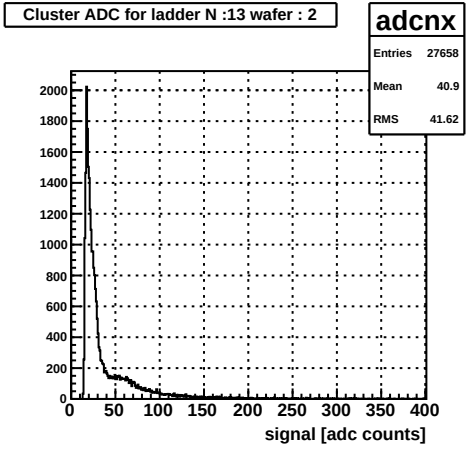

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 16845
Mean 71.46
RMS 57.98
signal [adc counts]

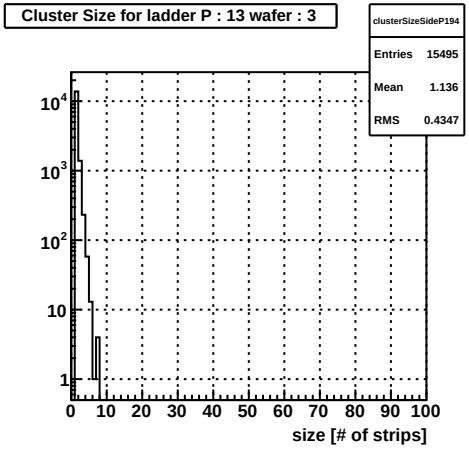

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 13067
Mean 1.415
RMS 0.6755
size [# of strips]

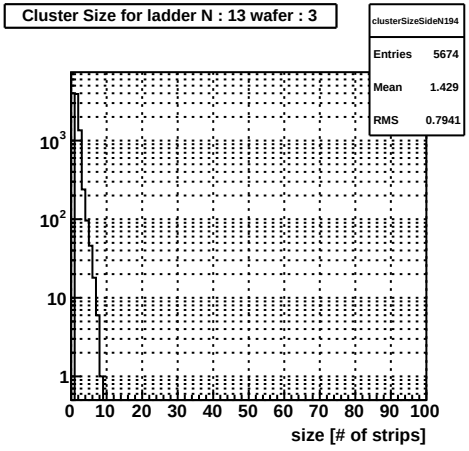

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 27658
Mean 1.271
RMS 0.6504
size [# of strips]

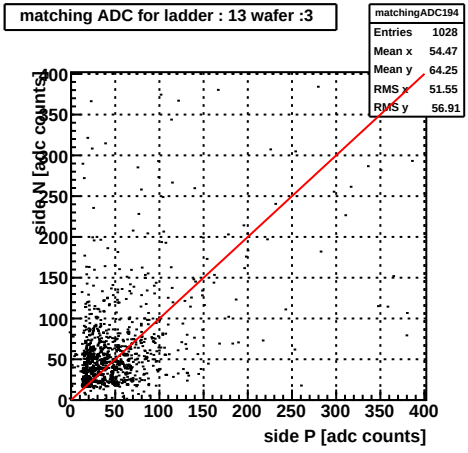

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 9407
Mean x 84.48
Mean y 67.5
RMS x 60.05
RMS y 52.44
side N [adc counts]
side P [adc counts]

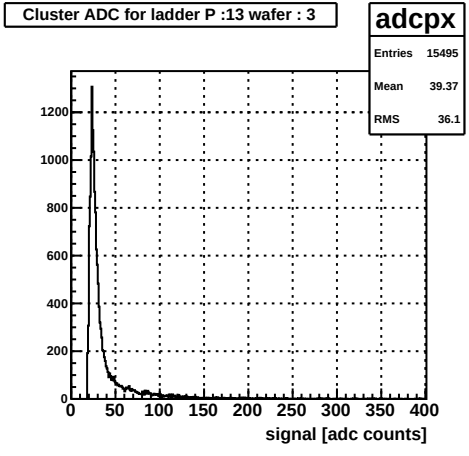

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 13067
Mean 108.6
RMS 66.5
signal [adc counts]

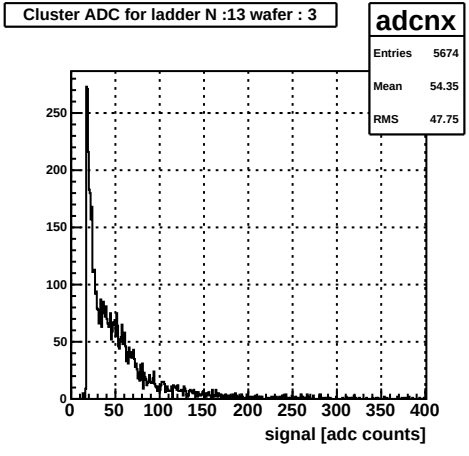

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 27658
Mean 40.9
RMS 41.62
signal [adc counts]

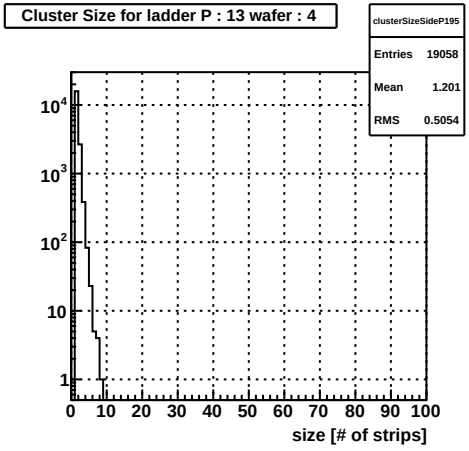

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 15495
Mean 1.136
RMS 0.4347
size [# of strips]

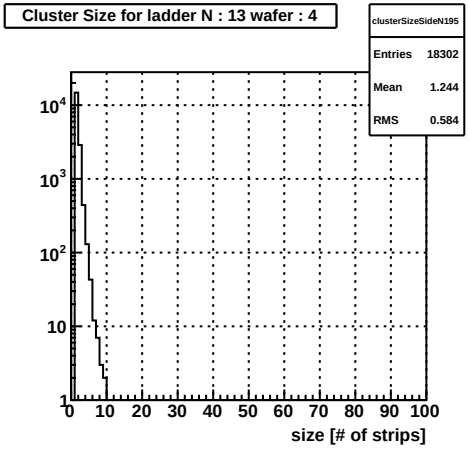

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5674
Mean 1.429
RMS 0.7941
size [# of strips]

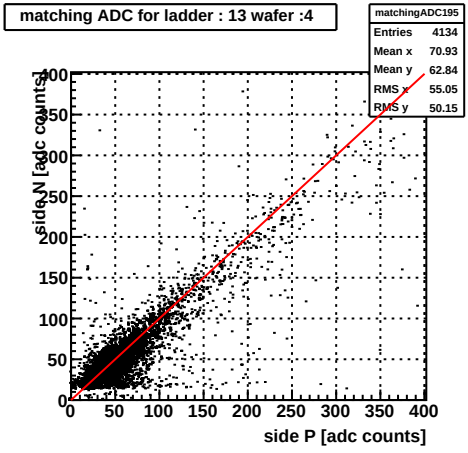

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1028
Mean x 54.47
Mean y 64.25
RMS x 51.55
RMS y 56.91
side N [adc counts]
side P [adc counts]

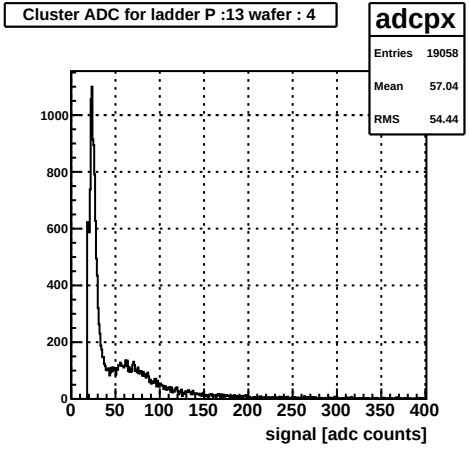

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 15495
Mean 39.37
RMS 36.1
signal [adc counts]

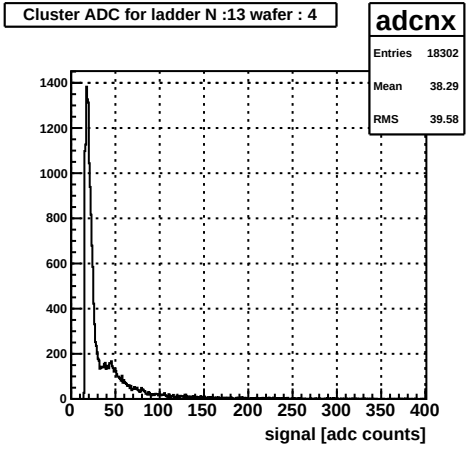

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5674
Mean 54.35
RMS 47.75
signal [adc counts]

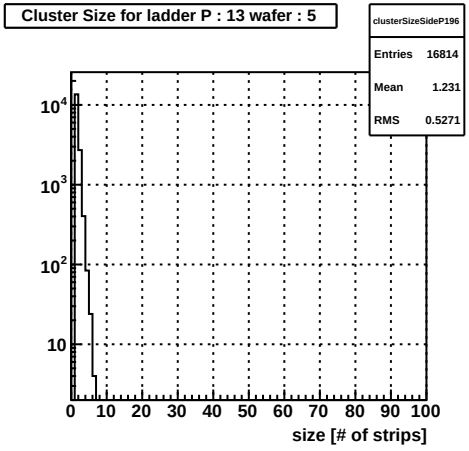

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19058
Mean 1.201
RMS 0.5054
size [# of strips]

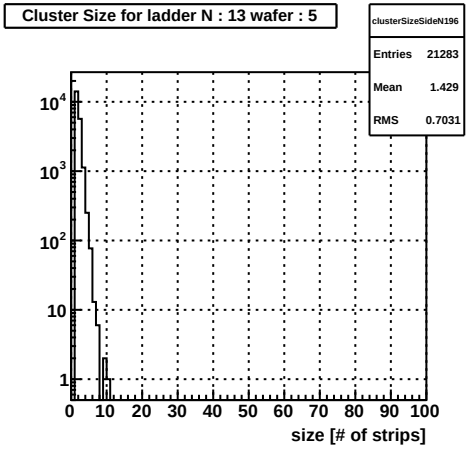

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 18302
Mean 1.244
RMS 0.584
size [# of strips]

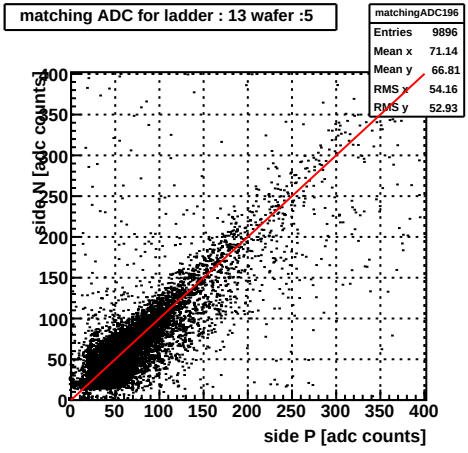

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4134
Mean x 70.93
Mean y 62.84
RMS x 55.05
RMS y 50.15
side N [adc counts]
side P [adc counts]

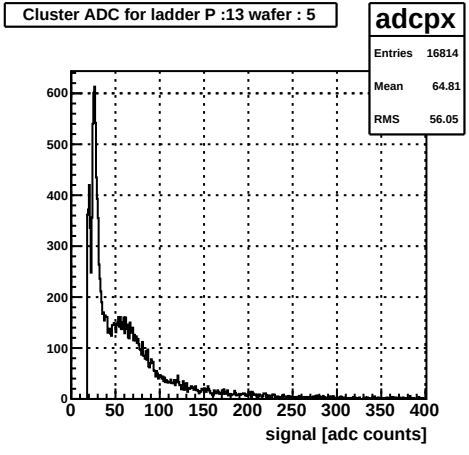

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19058
Mean 57.04
RMS 54.44
signal [adc counts]

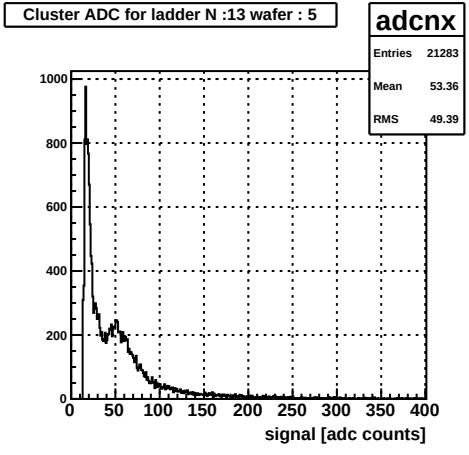

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 18302
Mean 38.29
RMS 39.58
signal [adc counts]

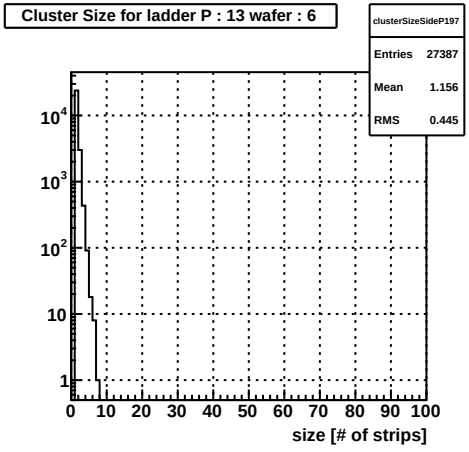

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 16814
Mean 1.231
RMS 0.5271
size [# of strips]

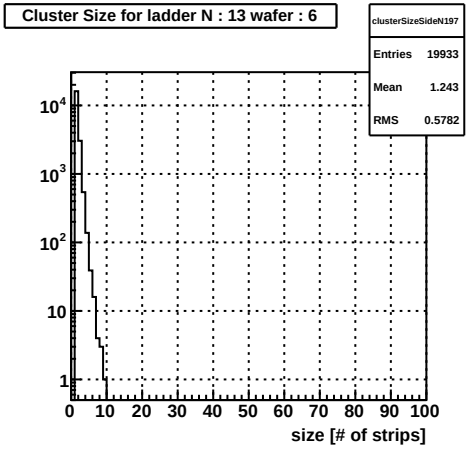

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 21283
Mean 1.429
RMS 0.7031
size [# of strips]

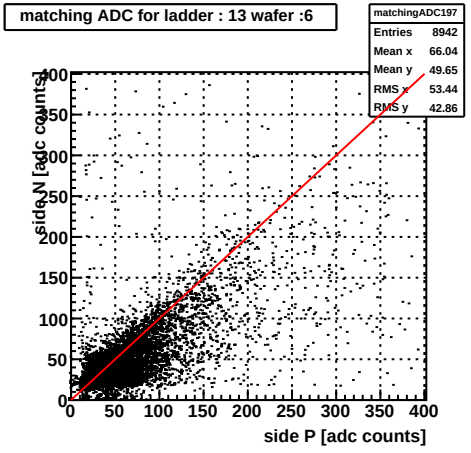

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 9896
Mean x 71.14
Mean y 66.81
RMS x 54.16
RMS y 52.93
side N [adc counts]
side P [adc counts]

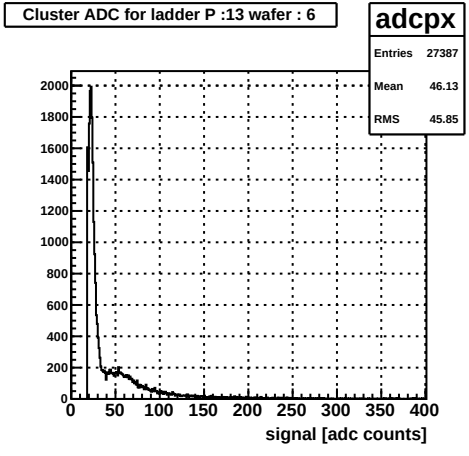

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 16814
Mean 64.81
RMS 56.05
signal [adc counts]

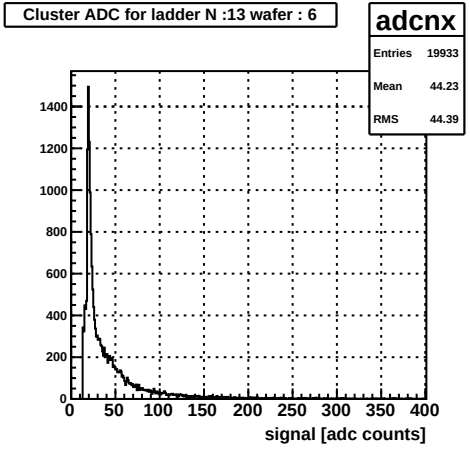

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 21283
Mean 53.36
RMS 49.39
signal [adc counts]

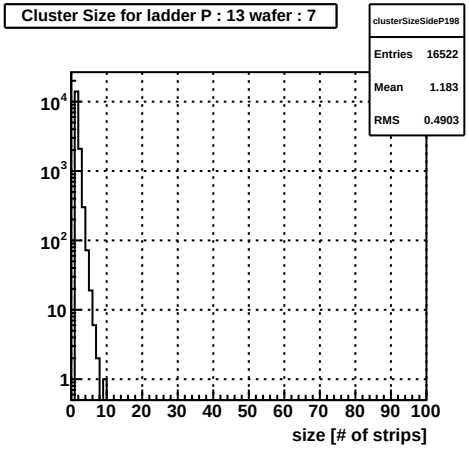

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 27387
Mean 1.156
RMS 0.445
size [# of strips]

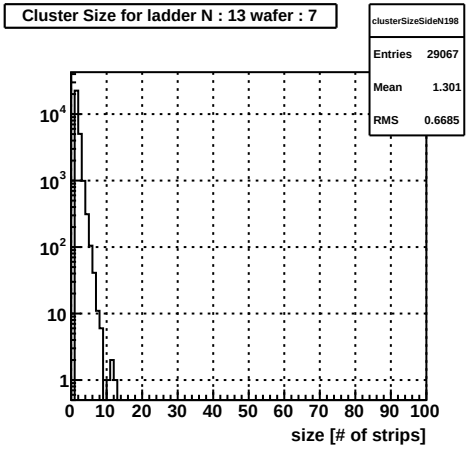

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 19933
Mean 1.243
RMS 0.5782
size [# of strips]

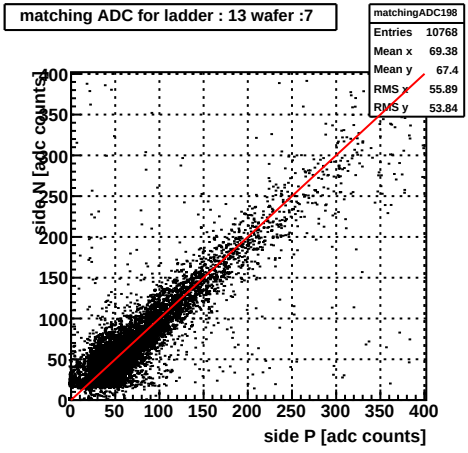

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8942
Mean x 66.04
Mean y 49.65
RMS x 53.44
RMS y 42.86
side N [adc counts]
side P [adc counts]

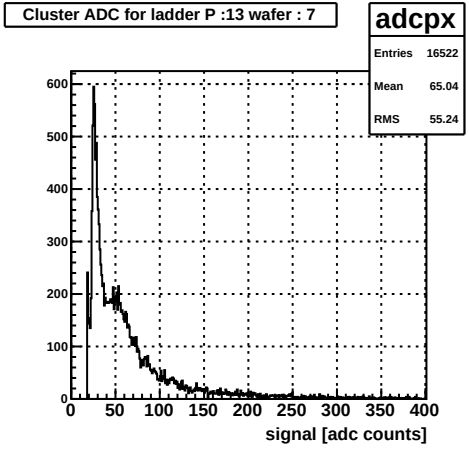

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 27387
Mean 46.13
RMS 45.85
signal [adc counts]

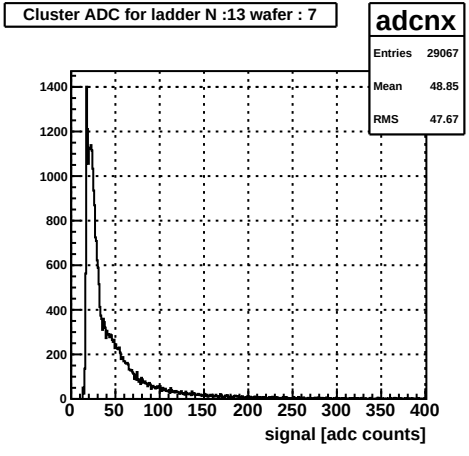

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 19933
Mean 44.23
RMS 44.39
signal [adc counts]

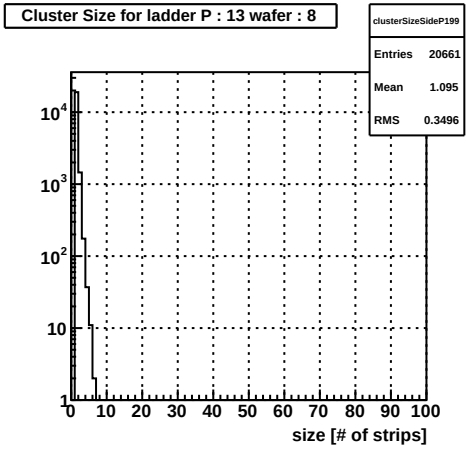

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 16522
Mean 1.183
RMS 0.4903
size [# of strips]

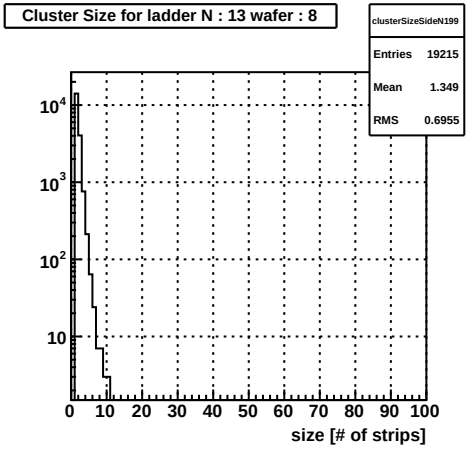

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 29067
Mean 1.301
RMS 0.6685
size [# of strips]

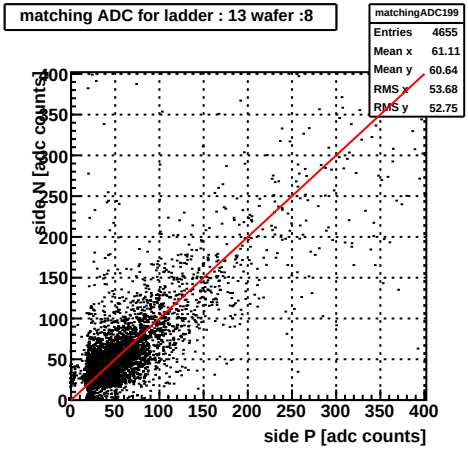

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 10768
Mean x 69.38
Mean y 67.4
RMS x 55.89
RMS y 53.84
side N [adc counts]
side P [adc counts]

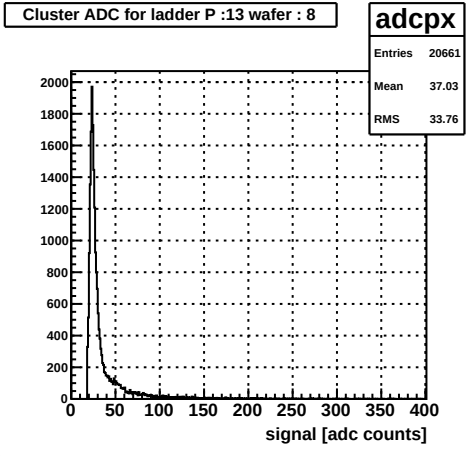

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 16522
Mean 65.04
RMS 55.24
signal [adc counts]

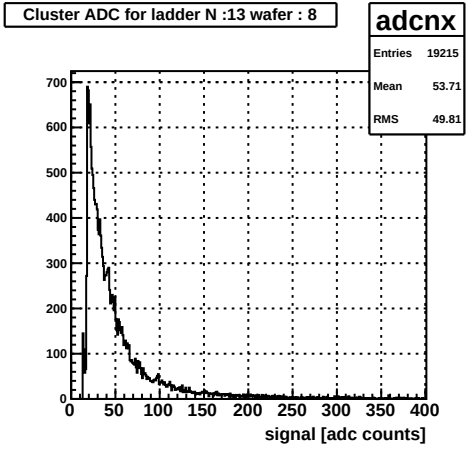

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 29067
Mean 48.85
RMS 47.67
signal [adc counts]

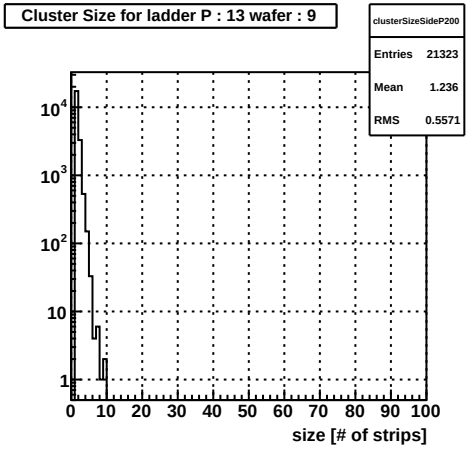

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 20661
Mean 1.095
RMS 0.3496
size [# of strips]

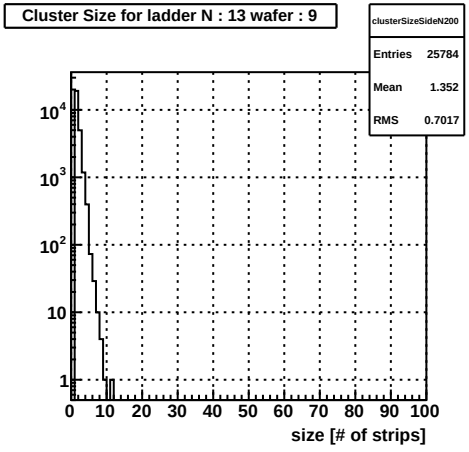

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 19215
Mean 1.349
RMS 0.6955
size [# of strips]

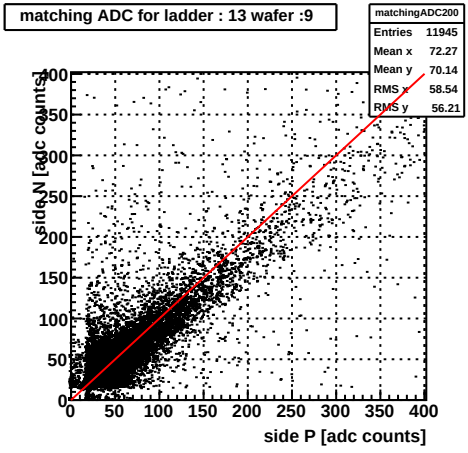

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4655
Mean x 61.11
Mean y 60.64
RMS x 53.68
RMS y 52.75
side N [adc counts]
side P [adc counts]

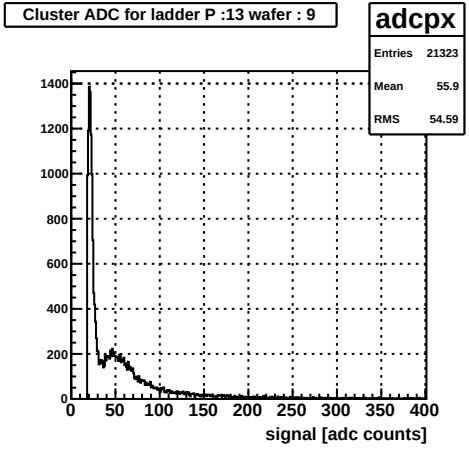

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 20661
Mean 37.03
RMS 33.76
signal [adc counts]

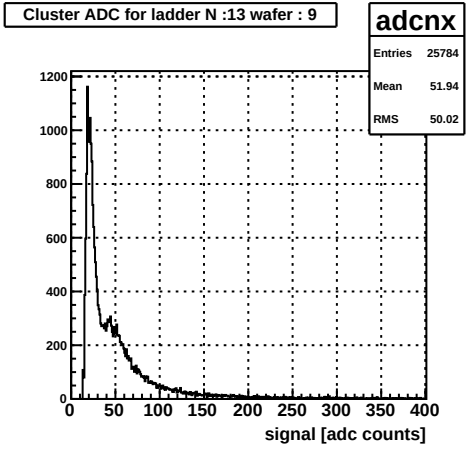

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 19215
Mean 53.71
RMS 49.81
signal [adc counts]

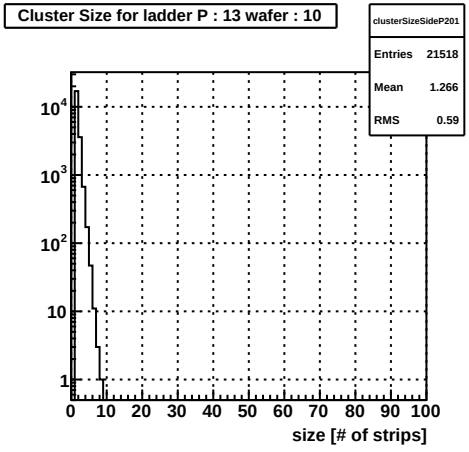

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 21323
Mean 1.236
RMS 0.5571
size [# of strips]

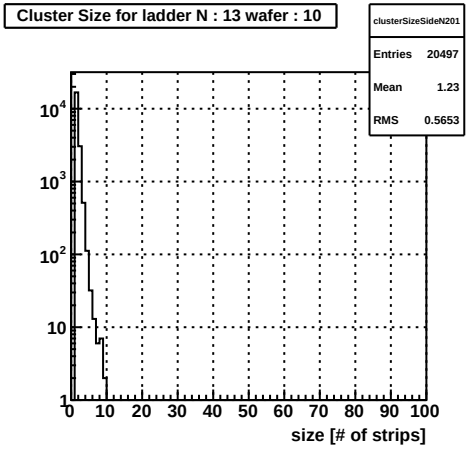

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 25784
Mean 1.352
RMS 0.7017
size [# of strips]

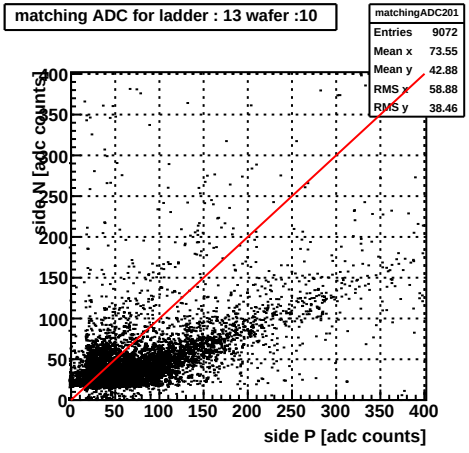

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 11945
Mean x 72.27
Mean y 70.14
RMS x 58.54
RMS y 56.21
side N [adc counts]
side P [adc counts]

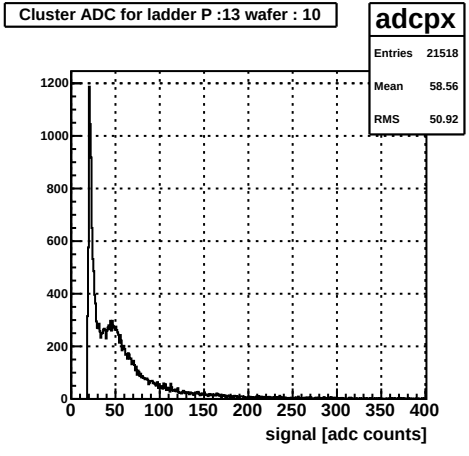

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 21323
Mean 55.9
RMS 54.59
signal [adc counts]

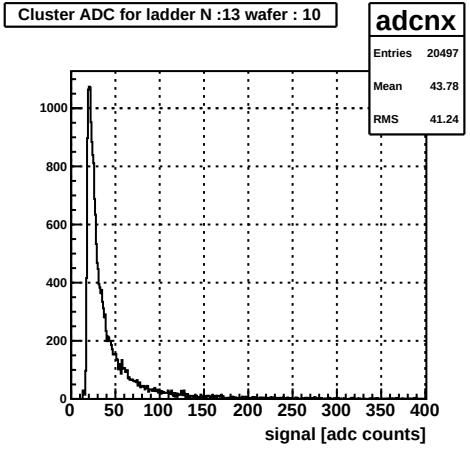

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 25784
Mean 51.94
RMS 50.02
signal [adc counts]

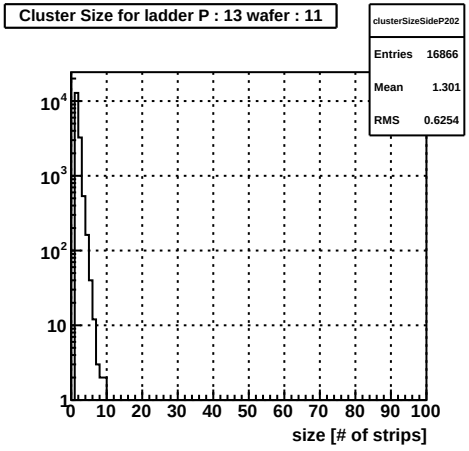

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 21518
Mean 1.266
RMS 0.59
size [# of strips]

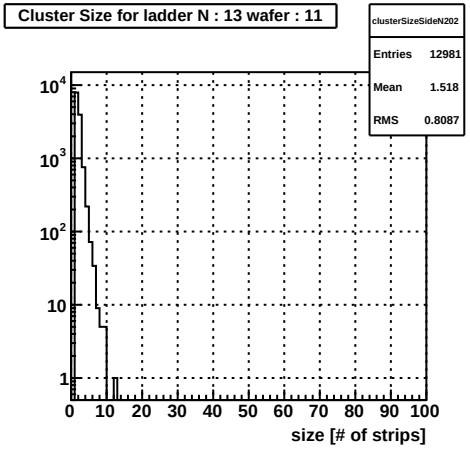

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 20497
Mean 1.23
RMS 0.5653
size [# of strips]

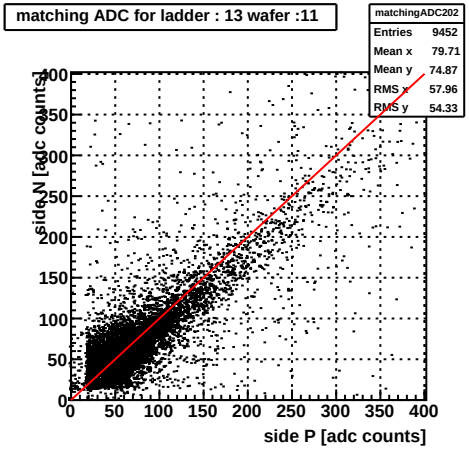

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 9072
Mean x 73.55
Mean y 42.88
RMS x 58.88
RMS y 38.46
side N [adc counts]
side P [adc counts]

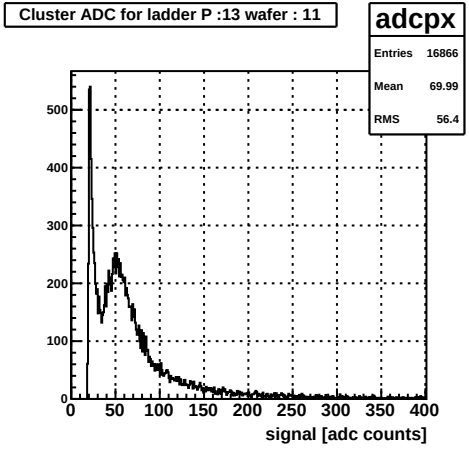

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 21518
Mean 58.56
RMS 50.92
signal [adc counts]

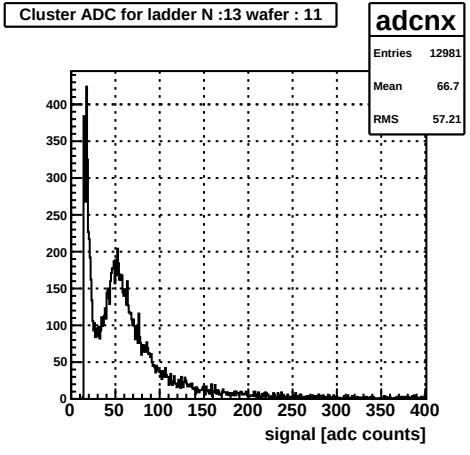

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 20497
Mean 43.78
RMS 41.24
signal [adc counts]

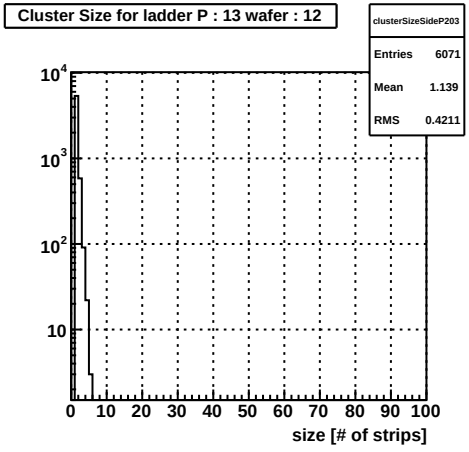

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 16866
Mean 1.301
RMS 0.6254
size [# of strips]

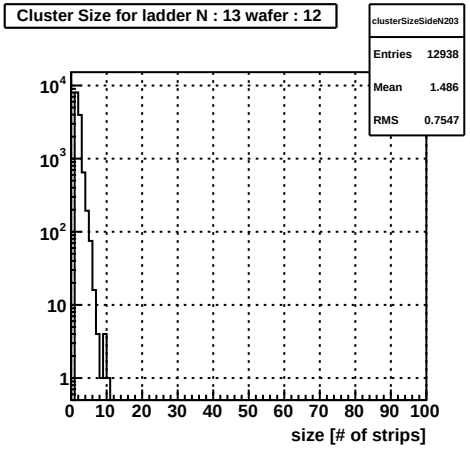

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 12981
Mean 1.518
RMS 0.8087
size [# of strips]

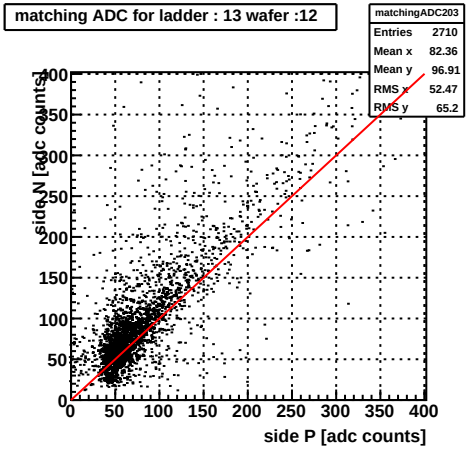

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9452
Mean x 79.71
Mean y 74.87
RMS x 57.96
RMS y 54.33
side N [adc counts]
side P [adc counts]

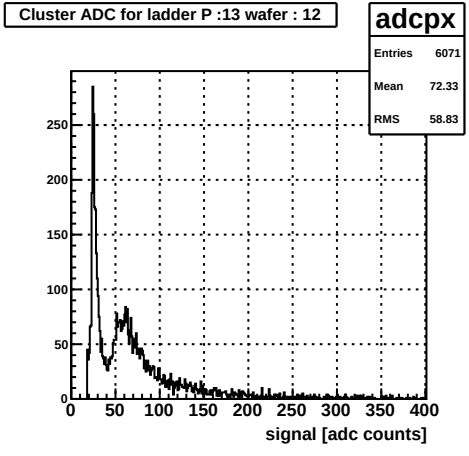

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 16866
Mean 69.99
RMS 56.4
signal [adc counts]

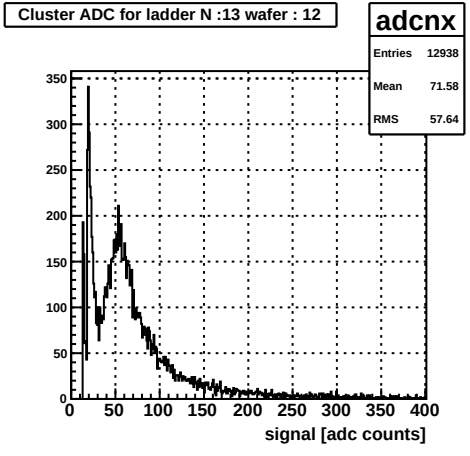

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 12981
Mean 66.7
RMS 57.21
signal [adc counts]

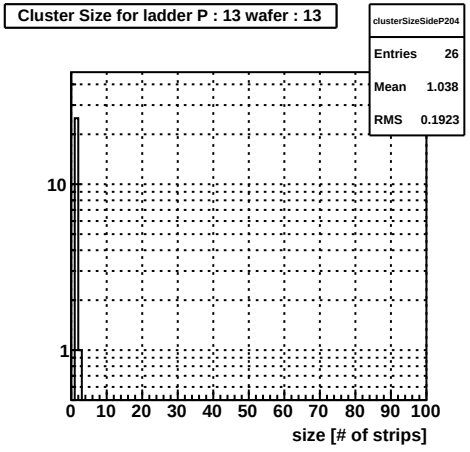

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6071
Mean 1.139
RMS 0.4211
size [# of strips]

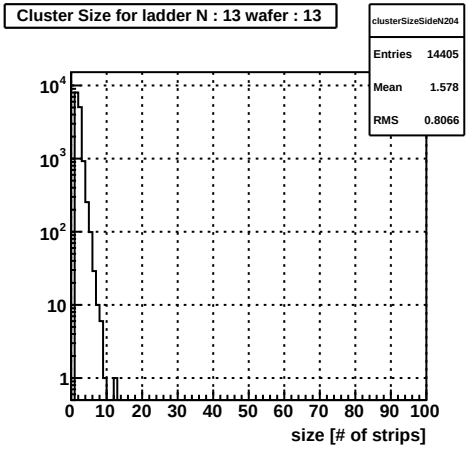

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 12938
Mean 1.486
RMS 0.7547
size [# of strips]

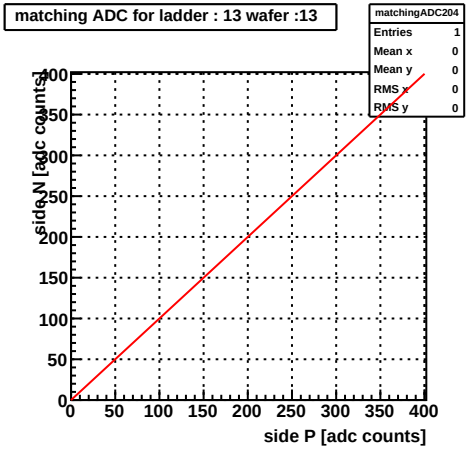

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2710
Mean x 82.36
Mean y 96.91
RMS x 52.47
RMS y 65.2
side N [adc counts]
side P [adc counts]

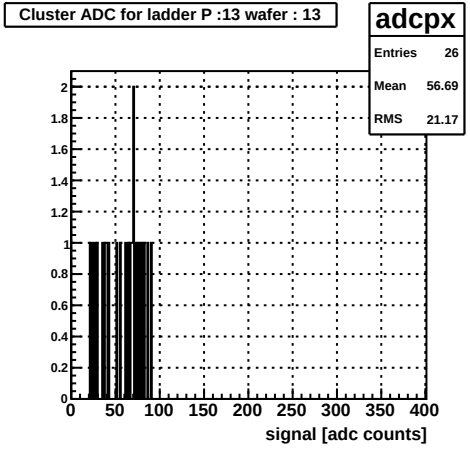

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6071
Mean 72.33
RMS 58.83
signal [adc counts]

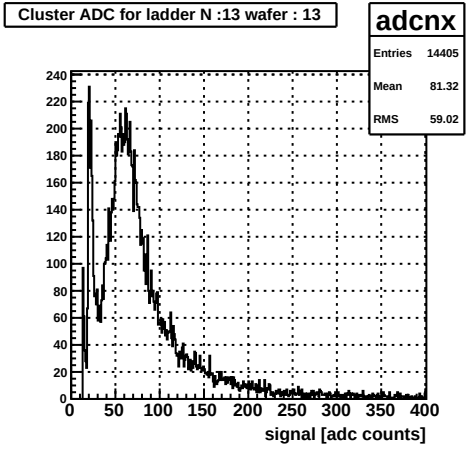

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 12938
Mean 71.58
RMS 57.64
signal [adc counts]

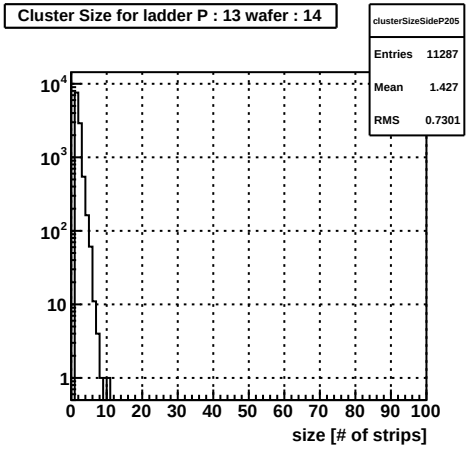

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

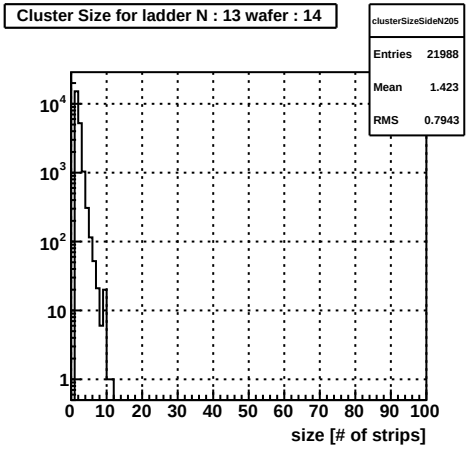

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 14405
Mean 1.578
RMS 0.8066
size [# of strips]

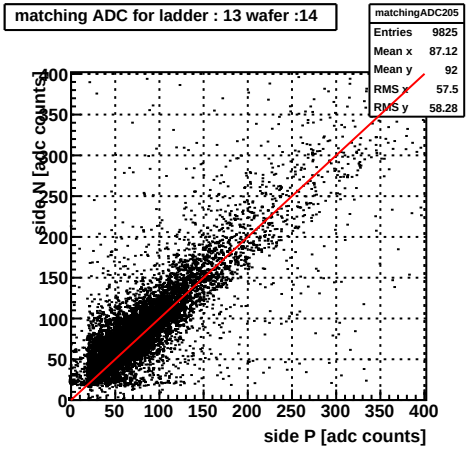

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

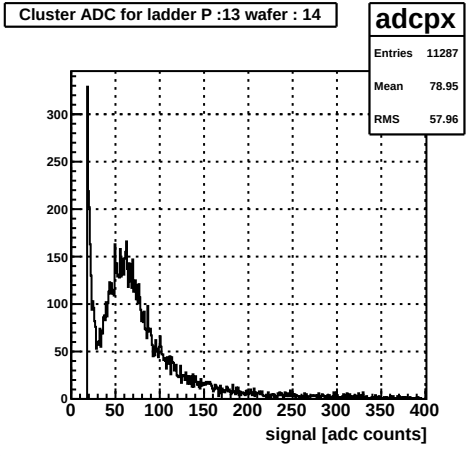

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 26
Mean 56.69
RMS 21.17
signal [adc counts]

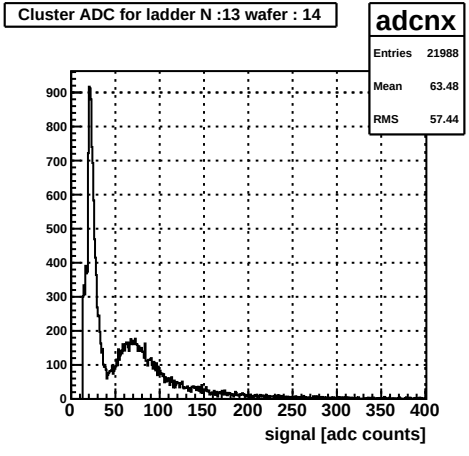

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 14405
Mean 81.32
RMS 59.02
signal [adc counts]

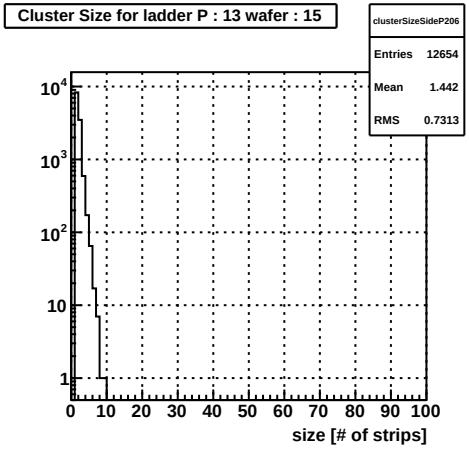

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 11287
Mean 1.427
RMS 0.7301
size [# of strips]

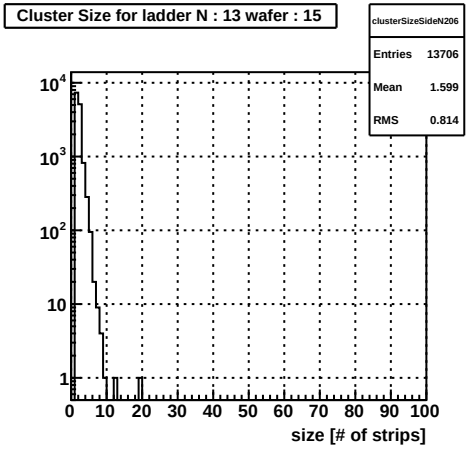

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 21988
Mean 1.423
RMS 0.7943
size [# of strips]

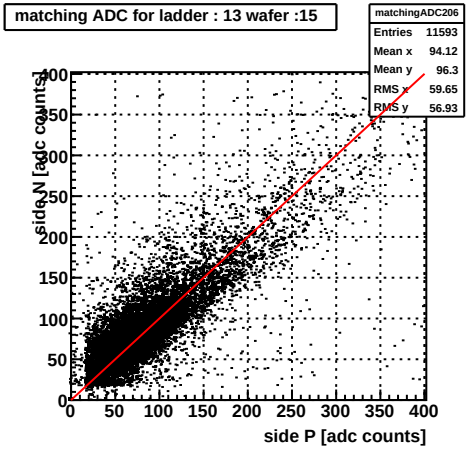

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 9825
Mean x 87.12
Mean y 92
RMS x 57.5
RMS y 58.28
side N [adc counts]
side P [adc counts]

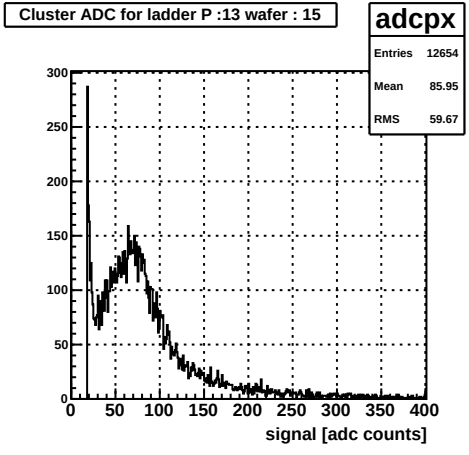

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 11287
Mean 78.95
RMS 57.96
signal [adc counts]

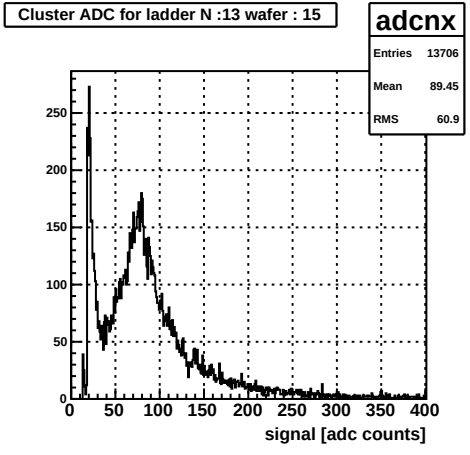

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 21988
Mean 63.48
RMS 57.44
signal [adc counts]

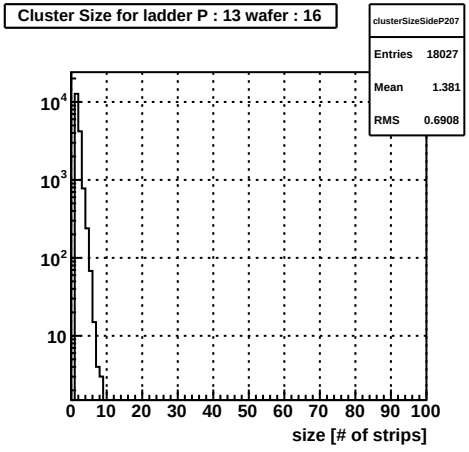

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 12654
Mean 1.442
RMS 0.7313
size [# of strips]

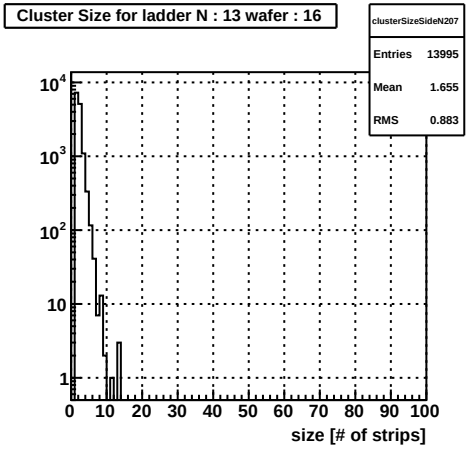

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 13706
Mean 1.599
RMS 0.814
size [# of strips]

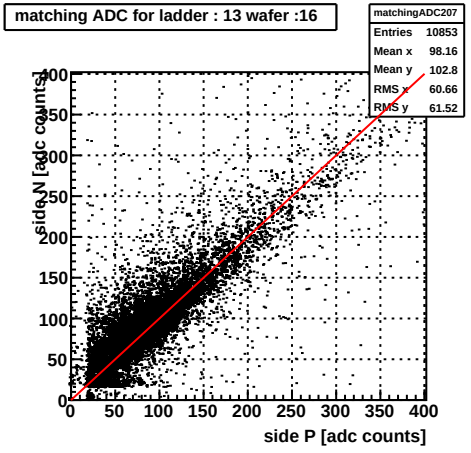

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 11593
Mean x 94.12
Mean y 96.3
RMS x 59.65
RMS y 56.93
side N [adc counts]
side P [adc counts]

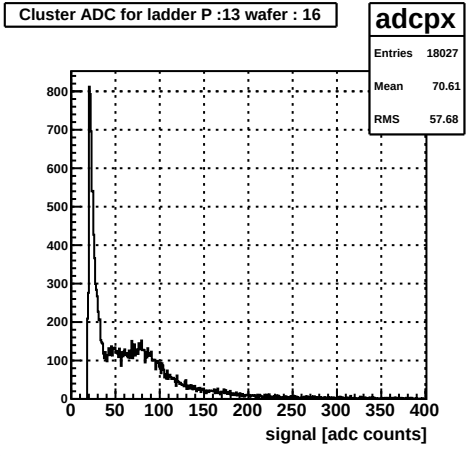

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 12654
Mean 85.95
RMS 59.67
signal [adc counts]

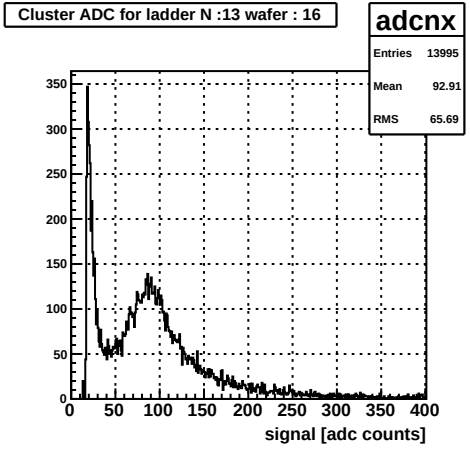

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 13706
Mean 89.45
RMS 60.9
signal [adc counts]

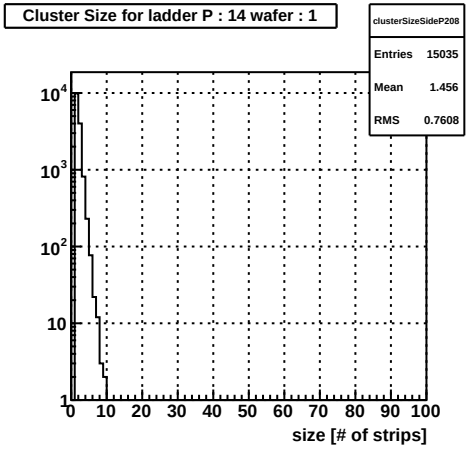

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 18027
Mean 1.381
RMS 0.6908
size [# of strips]

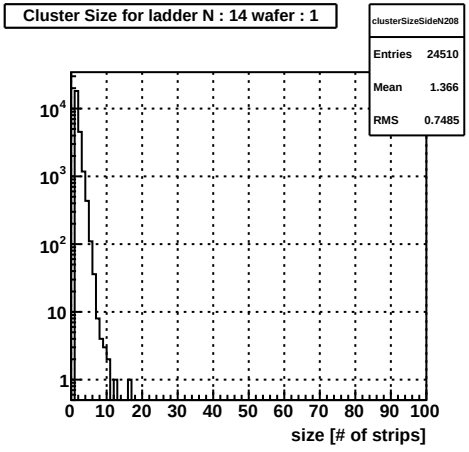

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 13995
Mean 1.655
RMS 0.883
size [# of strips]

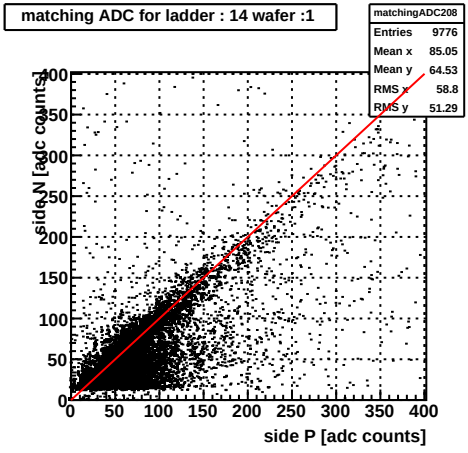

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 10853
Mean x 98.16
Mean y 102.8
RMS x 60.66
RMS y 61.52
side N [adc counts]
side P [adc counts]

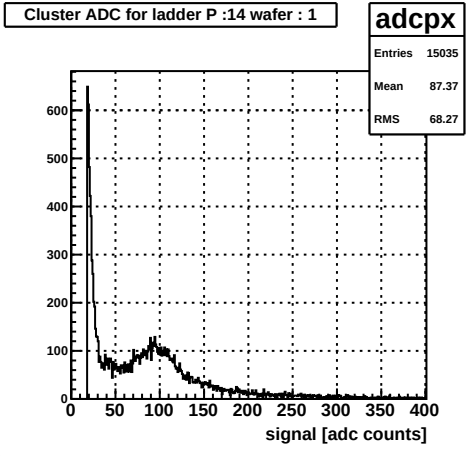

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 18027
Mean 70.61
RMS 57.68
signal [adc counts]

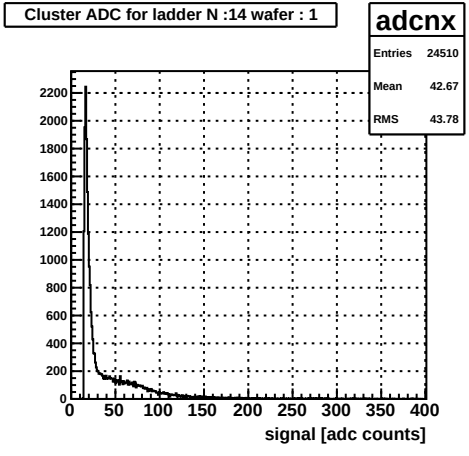

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 13995
Mean 92.91
RMS 65.69
signal [adc counts]

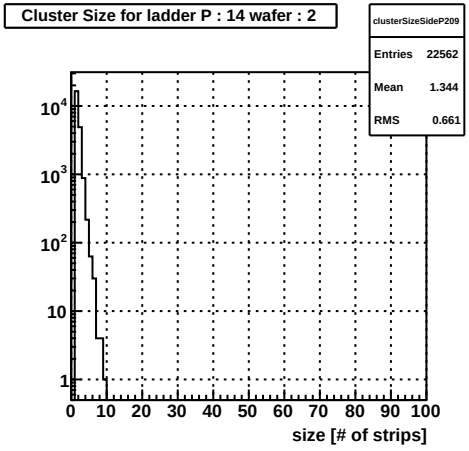

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 15035
Mean 1.456
RMS 0.7608
size [# of strips]

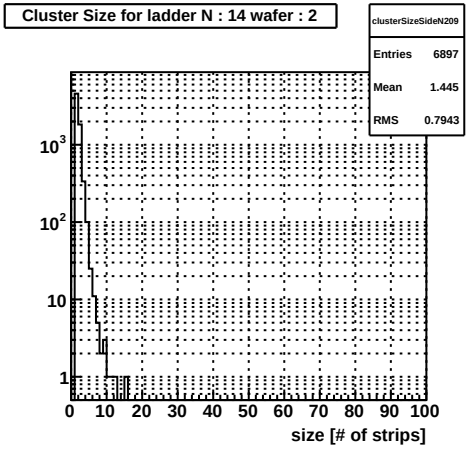

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 24510
Mean 1.366
RMS 0.7485
size [# of strips]

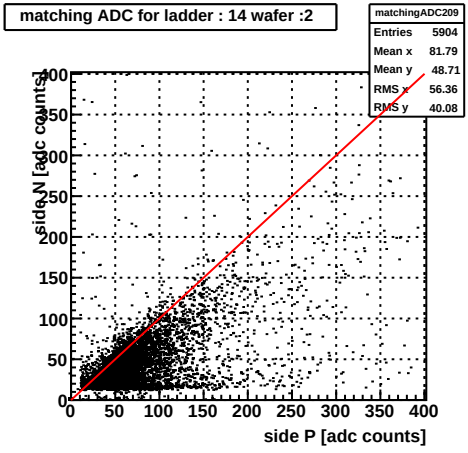

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 9776
Mean x 85.05
Mean y 64.53
RMS x 58.8
RMS y 51.29
side N [adc counts]
side P [adc counts]

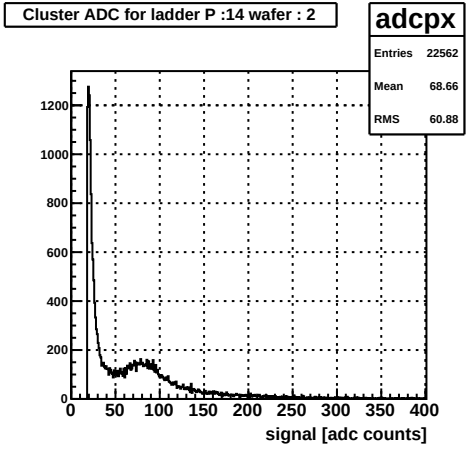

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 15035
Mean 87.37
RMS 68.27
signal [adc counts]

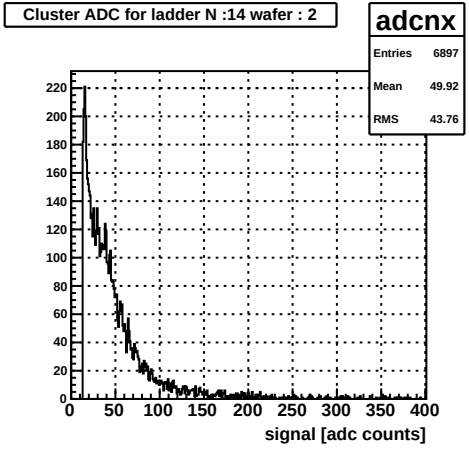

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 24510
Mean 42.67
RMS 43.78
signal [adc counts]

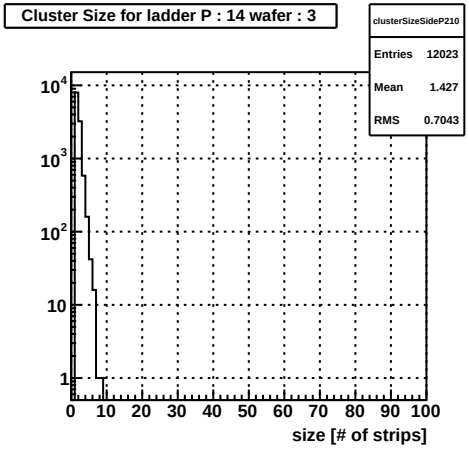

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 22562
Mean 1.344
RMS 0.661
size [# of strips]

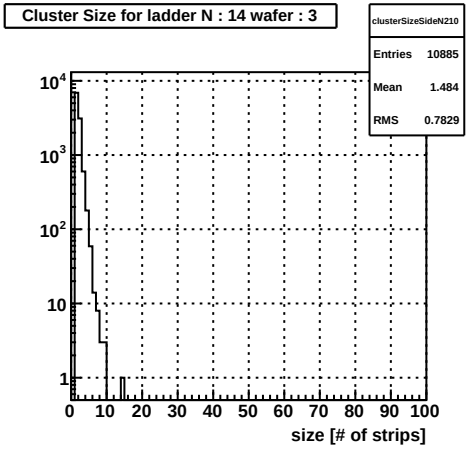

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6897
Mean 1.445
RMS 0.7943
size [# of strips]

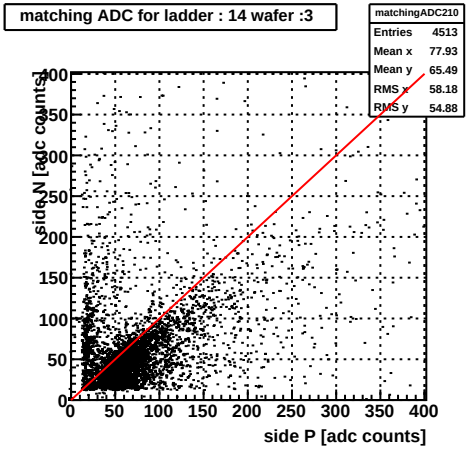

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5904
Mean x 81.79
Mean y 48.71
RMS x 56.36
RMS y 40.08
side N [adc counts]
side P [adc counts]

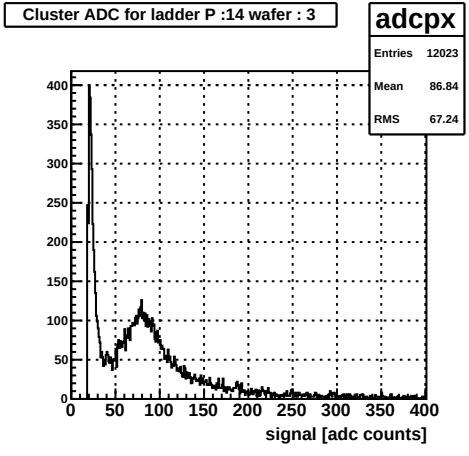

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 22562
Mean 68.66
RMS 60.88
signal [adc counts]

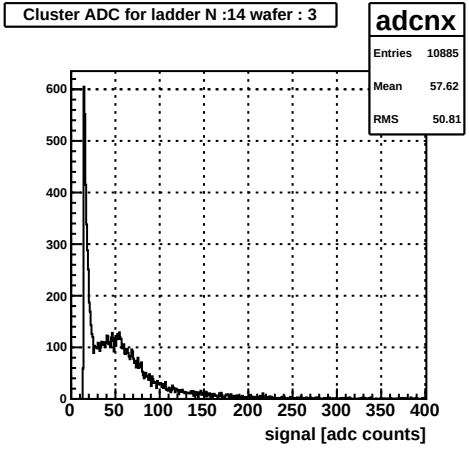

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6897
Mean 49.92
RMS 43.76
signal [adc counts]

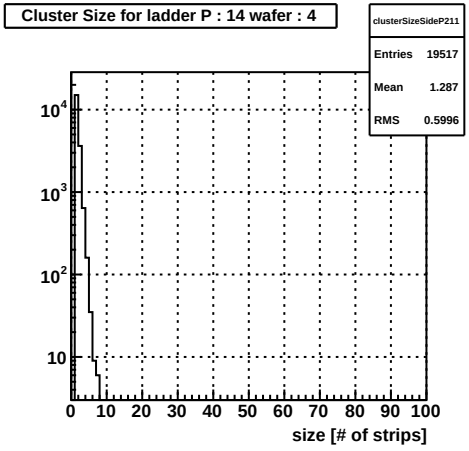

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 12023
Mean 1.427
RMS 0.7043
size [# of strips]

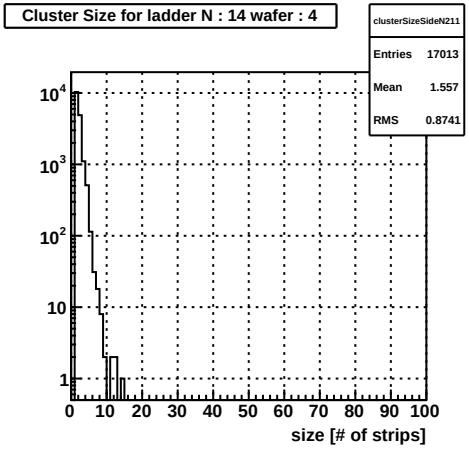

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 10885
Mean 1.484
RMS 0.7829
size [# of strips]

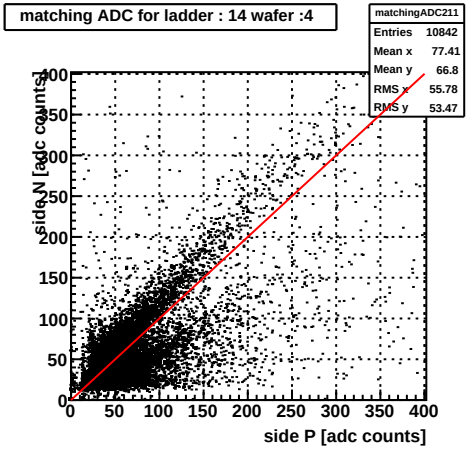

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4513
Mean x 77.93
Mean y 65.49
RMS x 58.18
RMS y 54.88
side N [adc counts]
side P [adc counts]

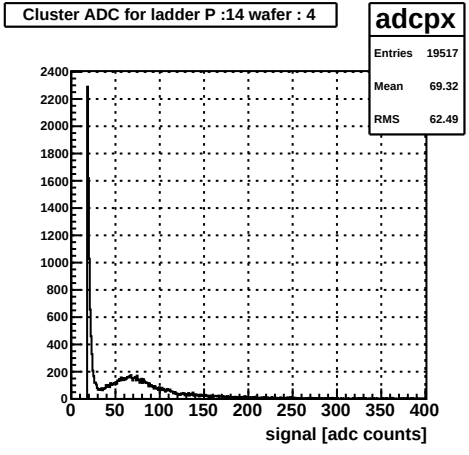

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 12023
Mean 86.84
RMS 67.24
signal [adc counts]

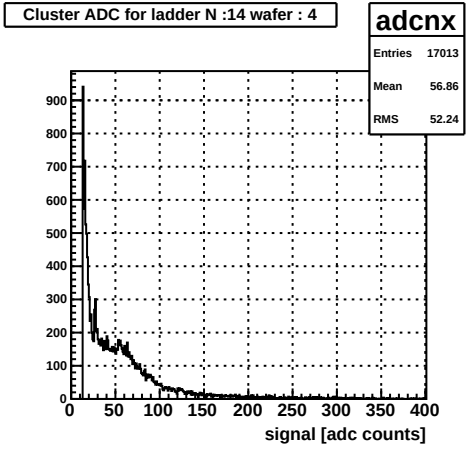

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 10885
Mean 57.62
RMS 50.81
signal [adc counts]

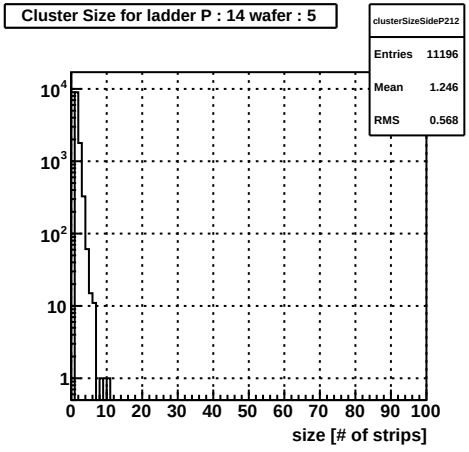

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 19517
Mean 1.287
RMS 0.5996
size [# of strips]

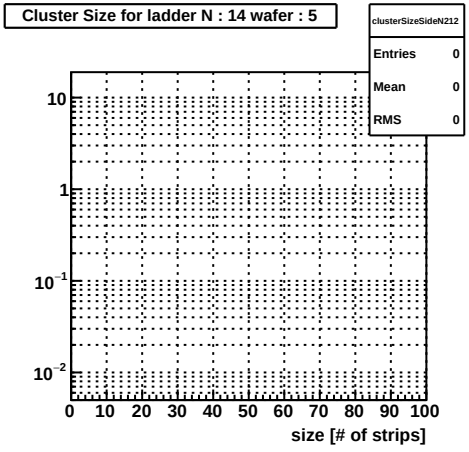

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17013
Mean 1.557
RMS 0.8741
size [# of strips]

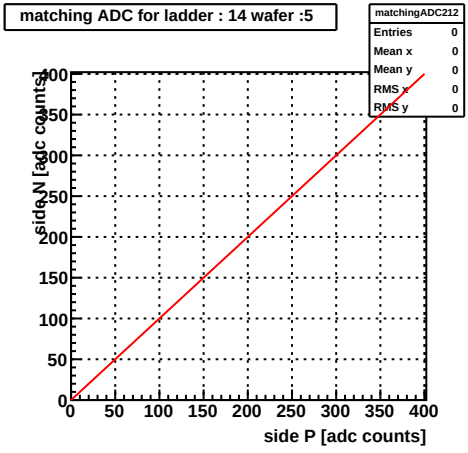

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10842
Mean x 77.41
Mean y 66.8
RMS x 55.78
RMS y 53.47
side N [adc counts]
side P [adc counts]

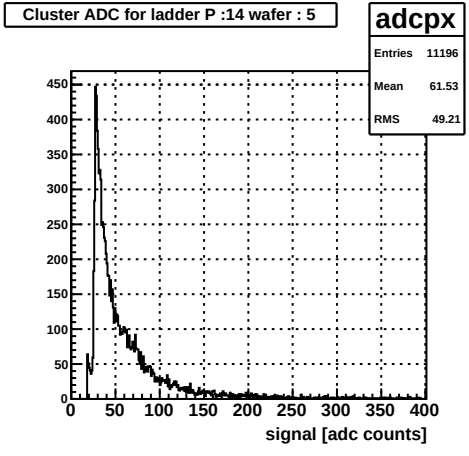

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 19517
Mean 69.32
RMS 62.49
signal [adc counts]

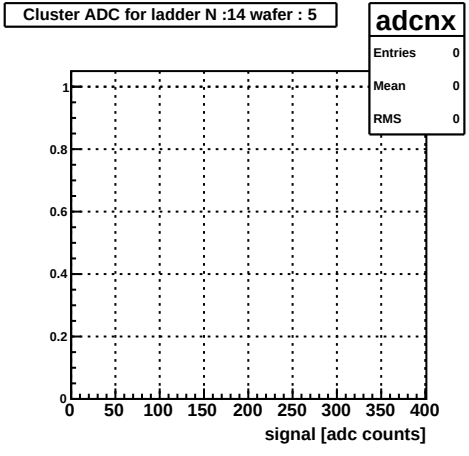

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17013
Mean 56.86
RMS 52.24
signal [adc counts]

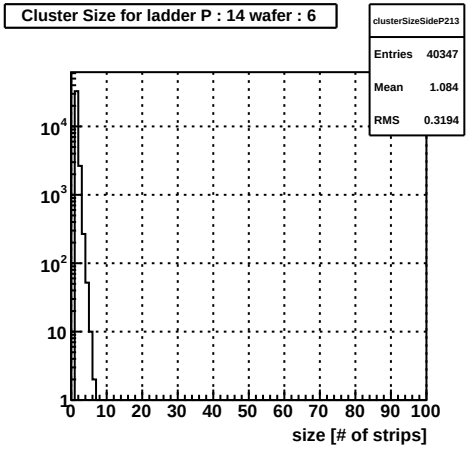

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 11196
Mean 1.246
RMS 0.568
size [# of strips]

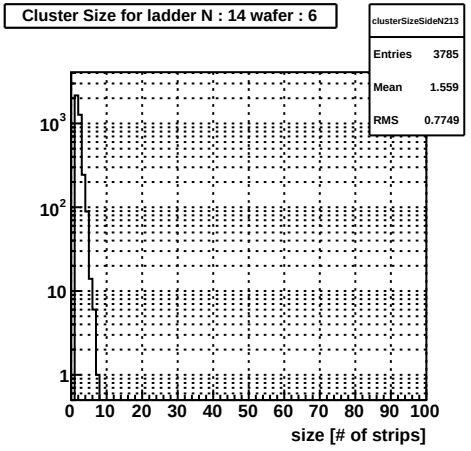

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

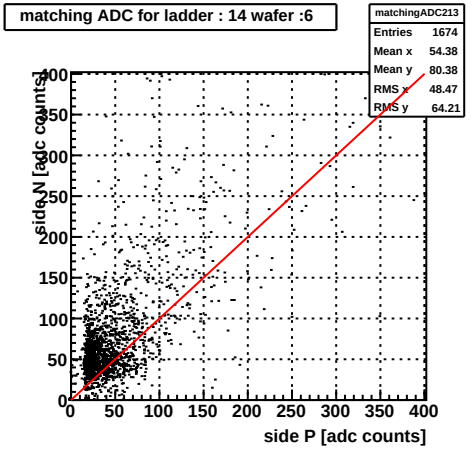

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

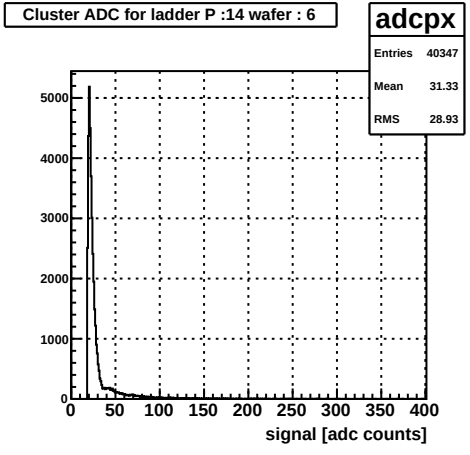

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 11196
Mean 61.53
RMS 49.21
signal [adc counts]

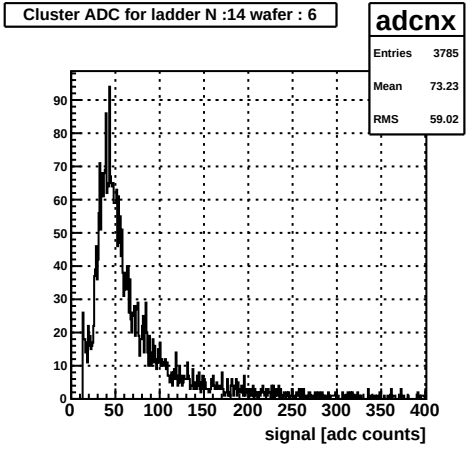

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

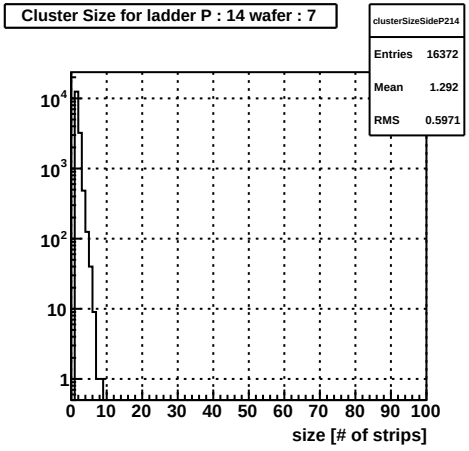

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 40347
Mean 1.084
RMS 0.3194
size [# of strips]

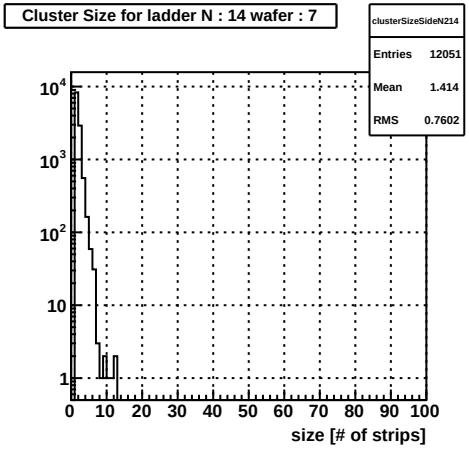

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3785
Mean 1.559
RMS 0.7749
size [# of strips]

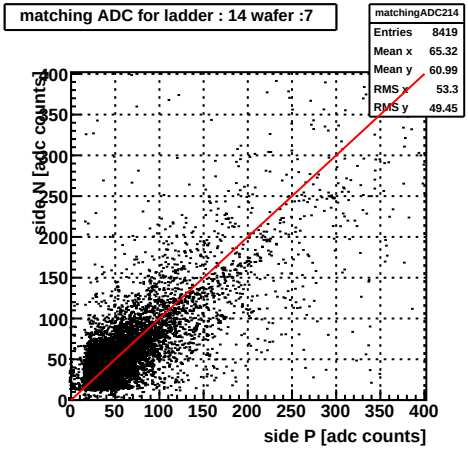

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1674
Mean x 54.38
Mean y 80.38
RMS x 48.47
RMS y 64.21
side N [adc counts]
side P [adc counts]

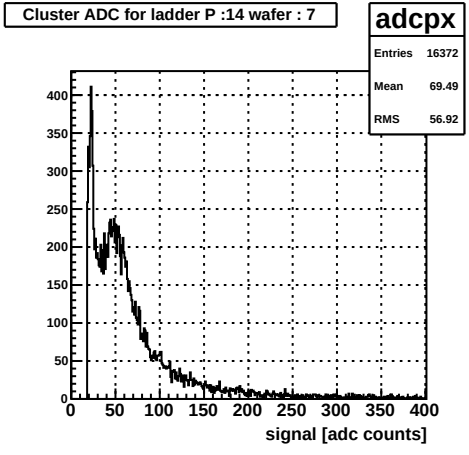

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 40347
Mean 31.33
RMS 28.93
signal [adc counts]

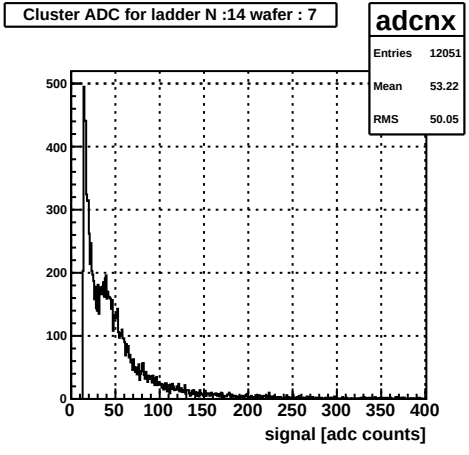

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3785
Mean 73.23
RMS 59.02
signal [adc counts]

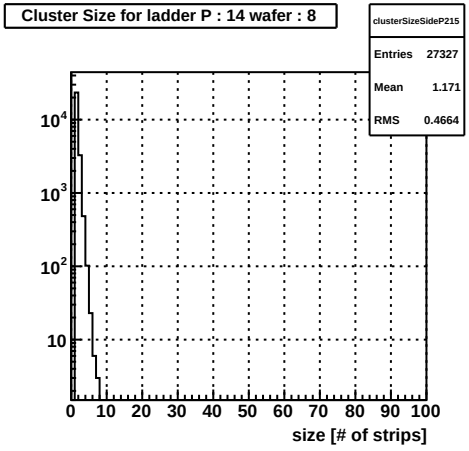

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 16372
Mean 1.292
RMS 0.5971
size [# of strips]

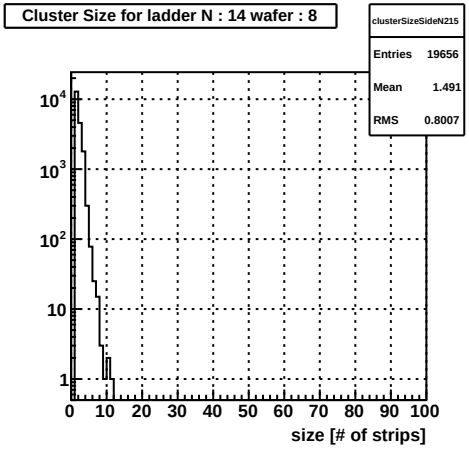

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12051
Mean 1.414
RMS 0.7602
size [# of strips]

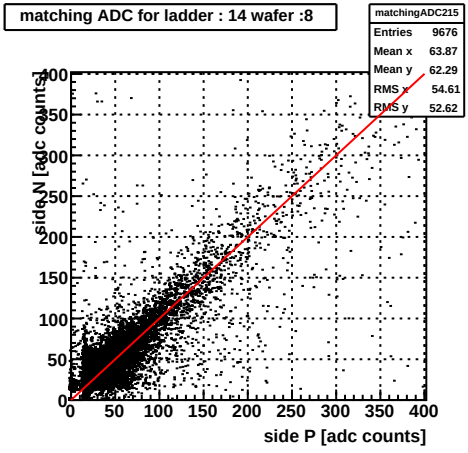

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 8419
Mean x 65.32
Mean y 60.99
RMS x 53.3
RMS y 49.45
side N [adc counts]
side P [adc counts]

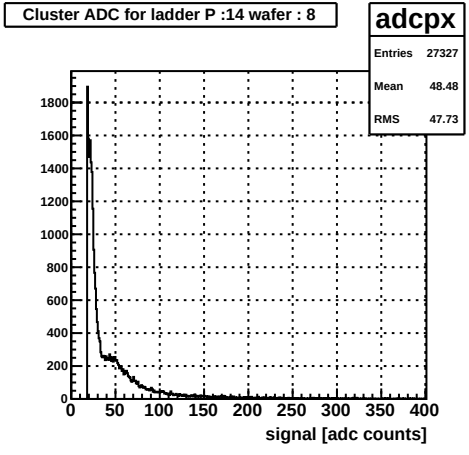

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 16372
Mean 69.49
RMS 56.92
signal [adc counts]

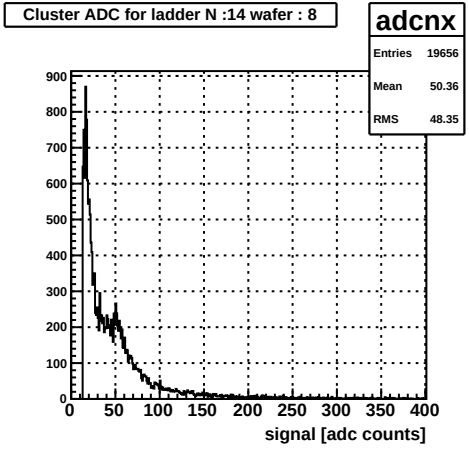

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12051
Mean 53.22
RMS 50.05
signal [adc counts]

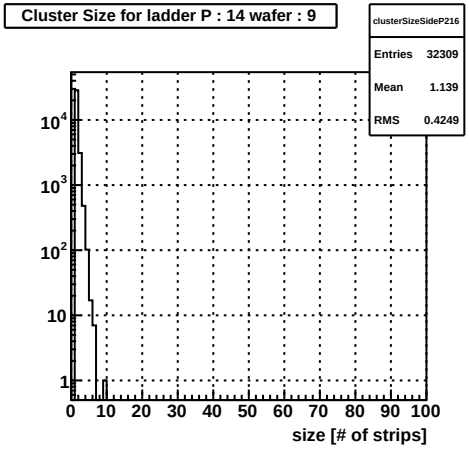

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 27327
Mean 1.171
RMS 0.4664
size [# of strips]

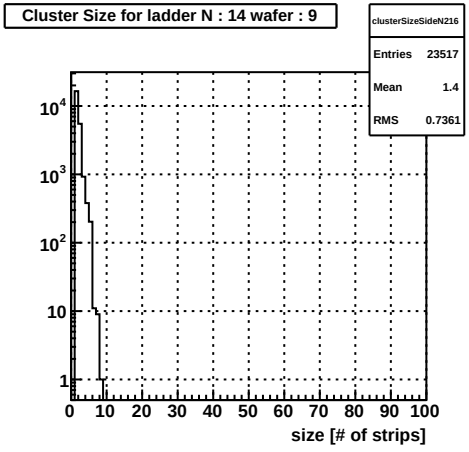

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 19656
Mean 1.491
RMS 0.8007
size [# of strips]

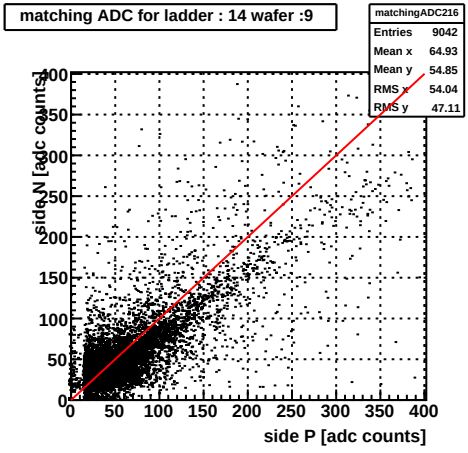

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9676
Mean x 63.87
Mean y 62.29
RMS x 54.61
RMS y 52.62
side N [adc counts]
side P [adc counts]

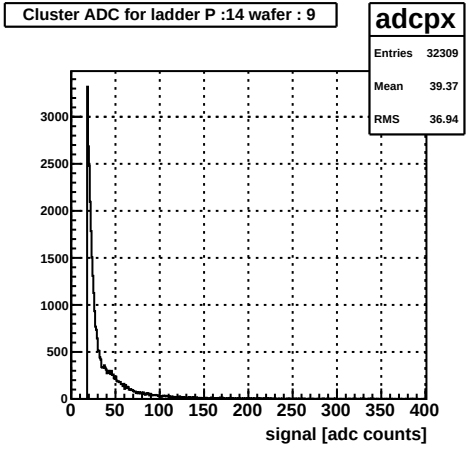

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 27327
Mean 48.48
RMS 47.73
signal [adc counts]

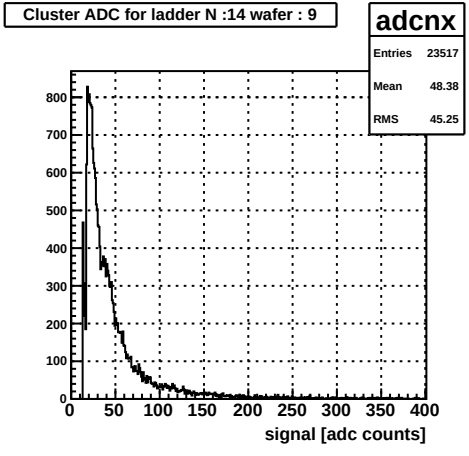

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 19656
Mean 50.36
RMS 48.35
signal [adc counts]

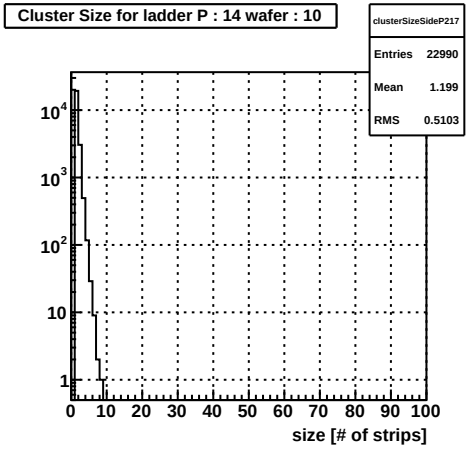

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 32309
Mean 1.139
RMS 0.4249
size [# of strips]

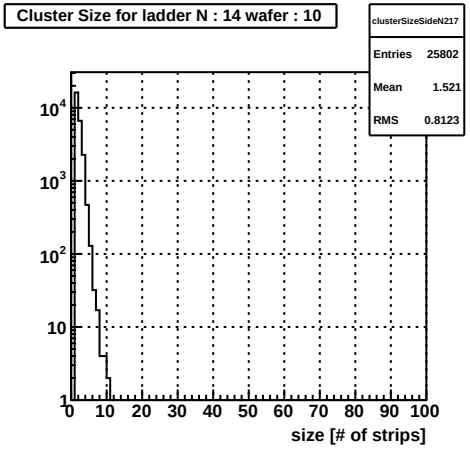

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 23517
Mean 1.4
RMS 0.7361
size [# of strips]

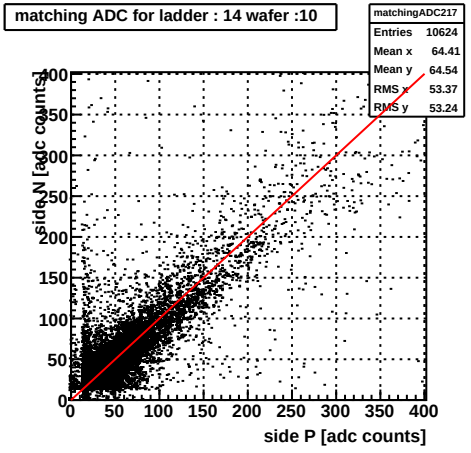

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 9042
Mean x 64.93
Mean y 54.85
RMS x 54.04
RMS y 47.11
side N [adc counts]
side P [adc counts]

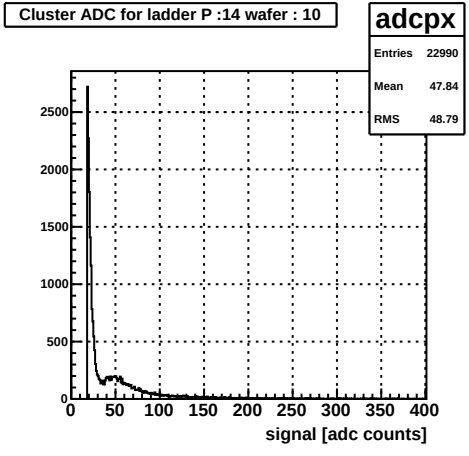

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 32309
Mean 39.37
RMS 36.94
signal [adc counts]

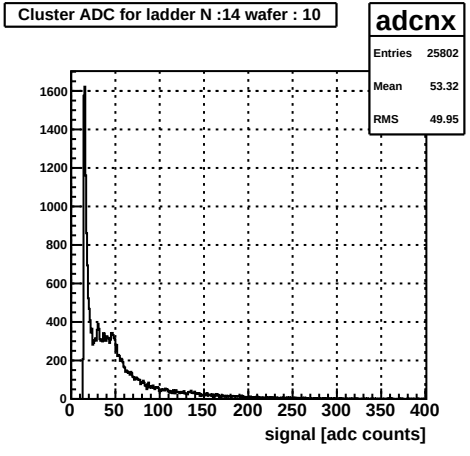

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 23517
Mean 48.38
RMS 45.25
signal [adc counts]

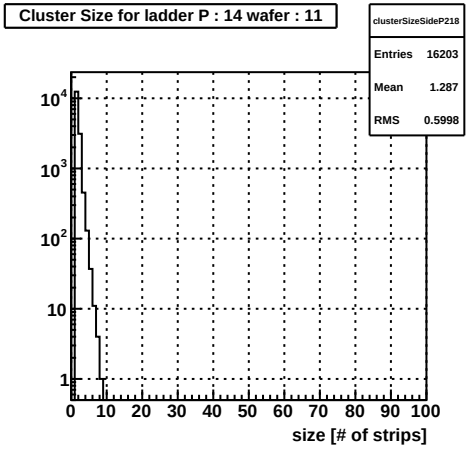

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 22990
Mean 1.199
RMS 0.5103
size [# of strips]

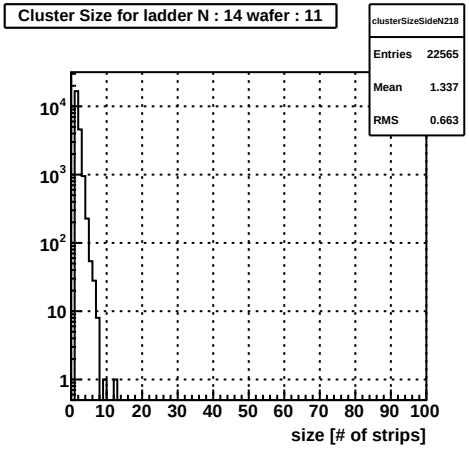

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 25802
Mean 1.521
RMS 0.8123
size [# of strips]

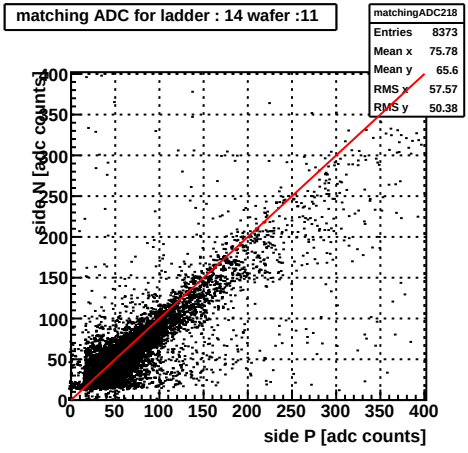

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10624
Mean x 64.41
Mean y 64.54
RMS x 53.37
RMS y 53.24
side N [adc counts]
side P [adc counts]

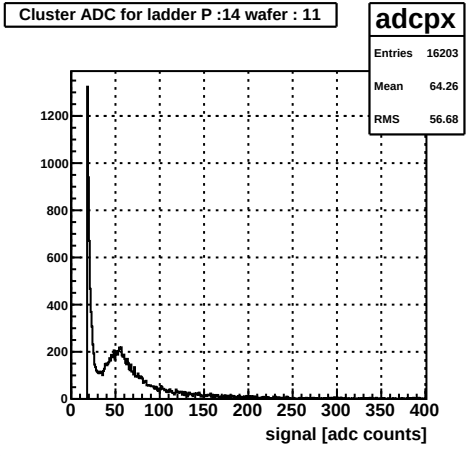

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 22990
Mean 47.84
RMS 48.79
signal [adc counts]

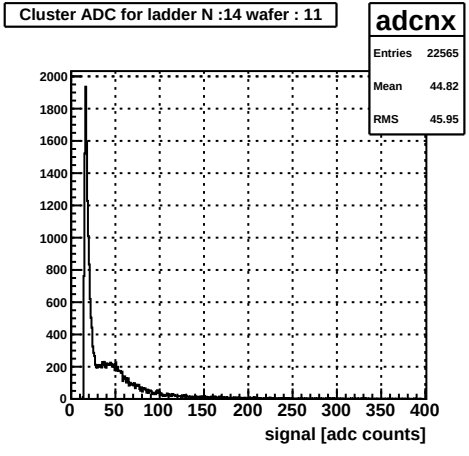

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 25802
Mean 53.32
RMS 49.95
signal [adc counts]

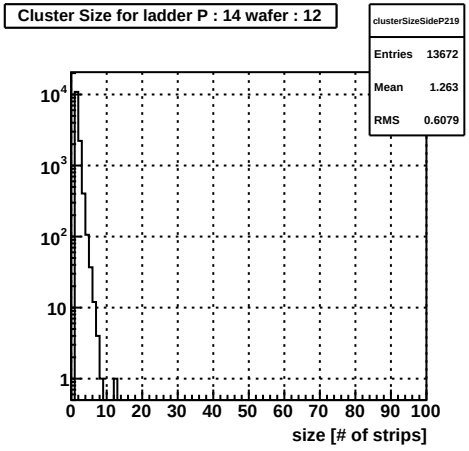

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 16203
Mean 1.287
RMS 0.5998
size [# of strips]

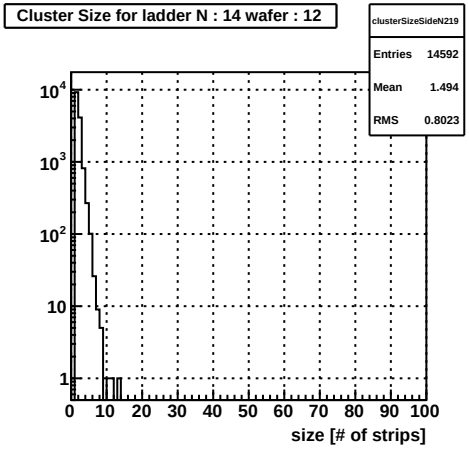

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22565
Mean 1.337
RMS 0.663
size [# of strips]

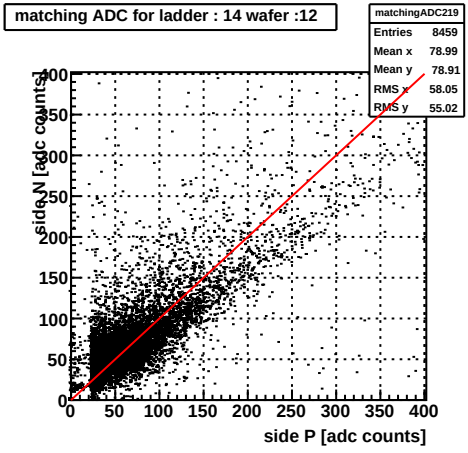

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8373
Mean x 75.78
Mean y 65.6
RMS x 57.57
RMS y 50.38
side N [adc counts]
side P [adc counts]

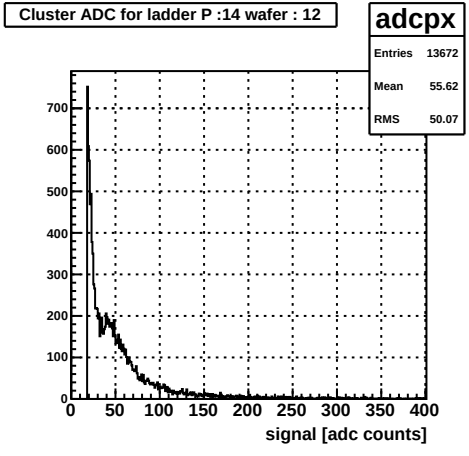

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 16203
Mean 64.26
RMS 56.68
signal [adc counts]

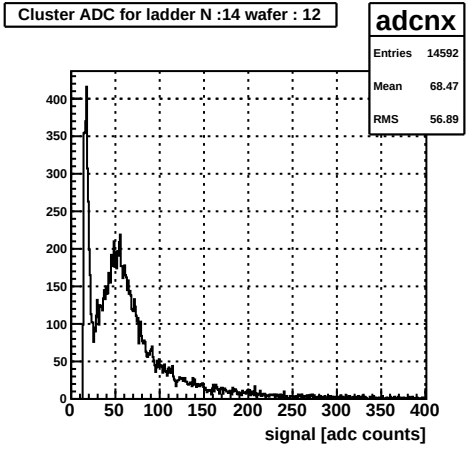

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22565
Mean 44.82
RMS 45.95
signal [adc counts]

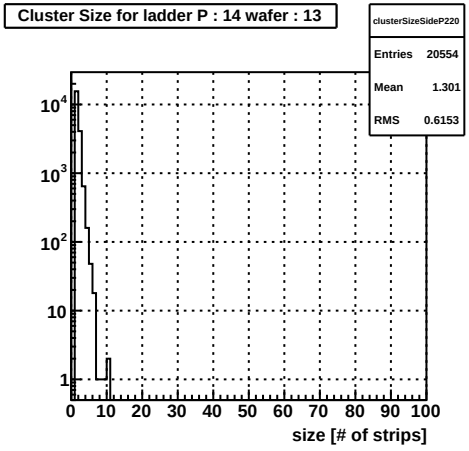

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 13672
Mean 1.263
RMS 0.6079
size [# of strips]

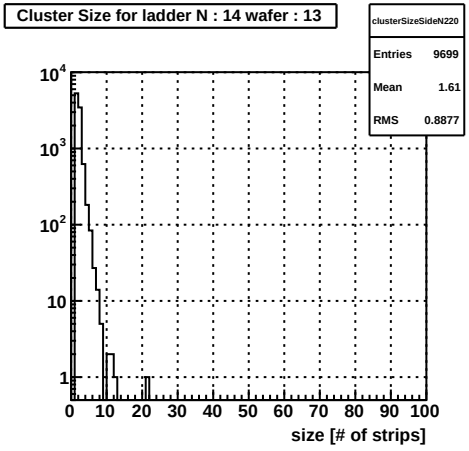

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 14592
Mean 1.494
RMS 0.8023
size [# of strips]

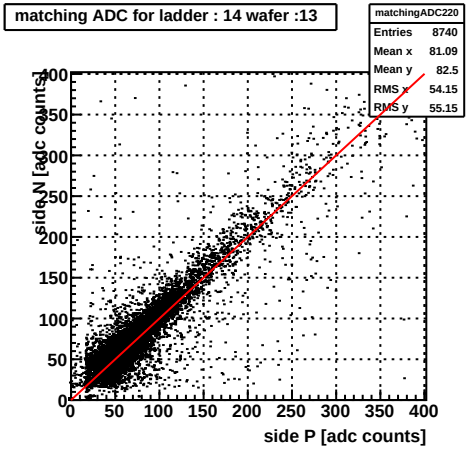

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 8459
Mean x 78.99
Mean y 78.91
RMS x 58.05
RMS y 55.02
side N [adc counts]
side P [adc counts]

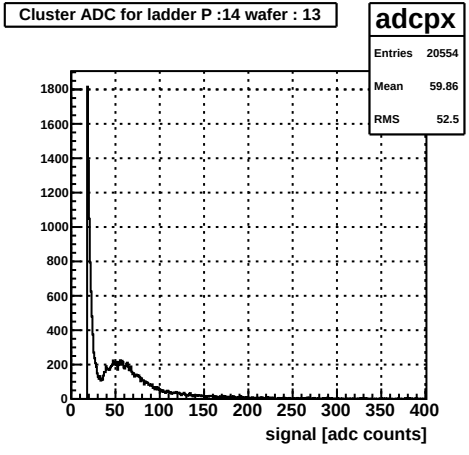

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 13672
Mean 55.62
RMS 50.07
signal [adc counts]

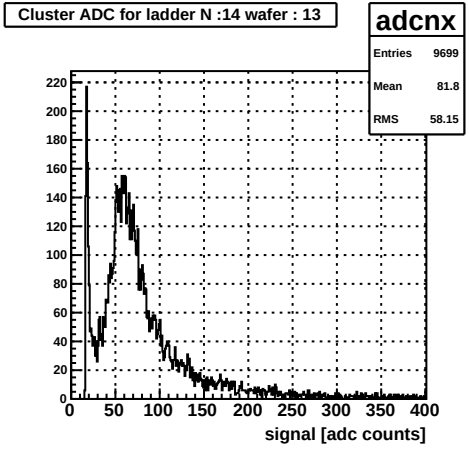

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 14592
Mean 68.47
RMS 56.89
signal [adc counts]

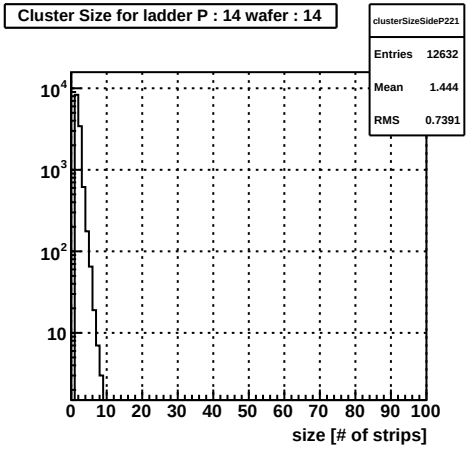

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 20554
Mean 1.301
RMS 0.6153
size [# of strips]

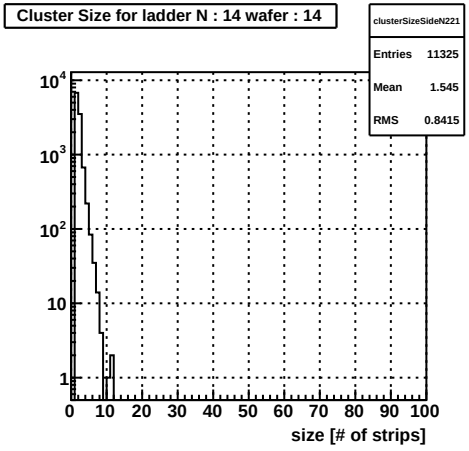

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9699
Mean 1.61
RMS 0.8877
size [# of strips]

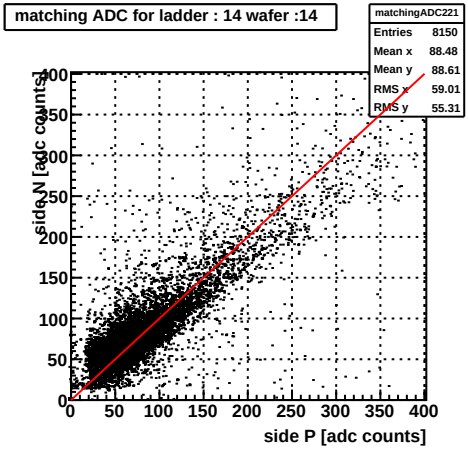

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8740
Mean x 81.09
Mean y 82.5
RMS x 54.15
RMS y 55.15
side N [adc counts]
side P [adc counts]

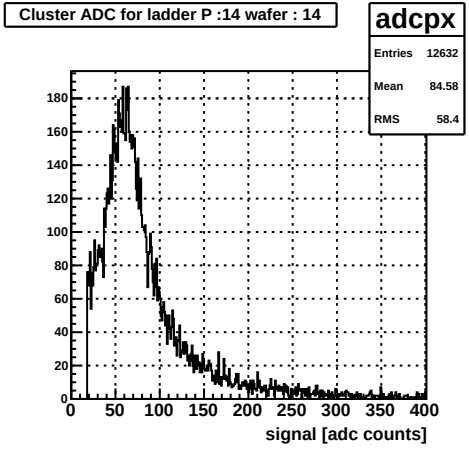

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 20554
Mean 59.86
RMS 52.5
signal [adc counts]

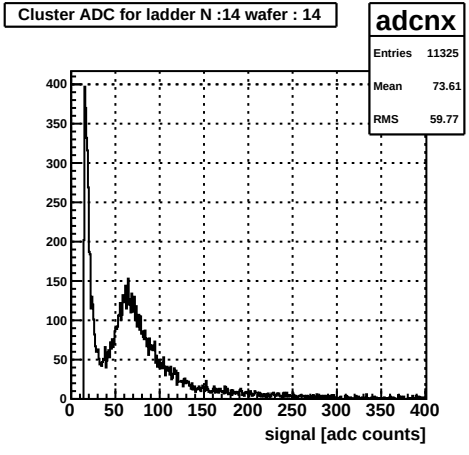

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9699
Mean 81.8
RMS 58.15
signal [adc counts]

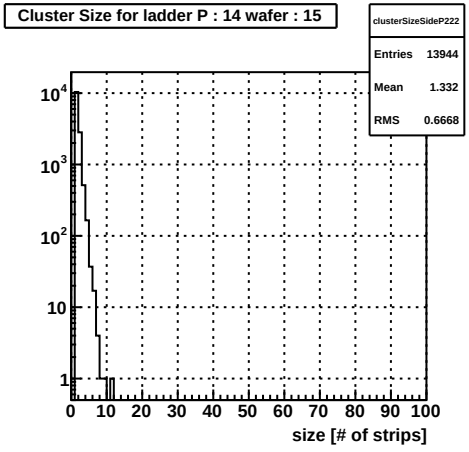

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 12632
Mean 1.444
RMS 0.7391
size [# of strips]

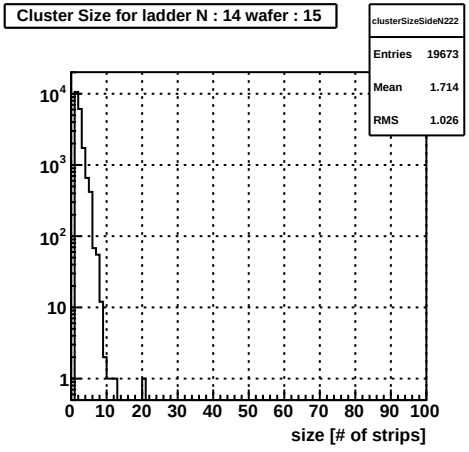

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11325
Mean 1.545
RMS 0.8415
size [# of strips]

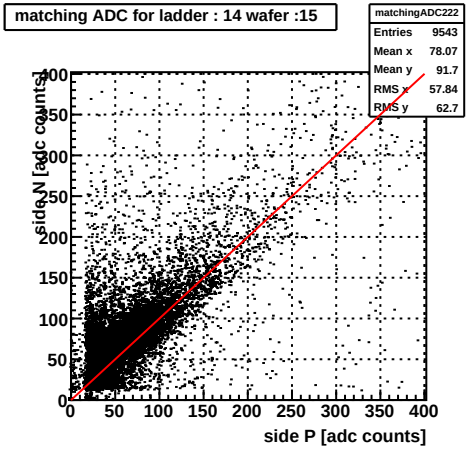

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8150
Mean x 88.48
Mean y 88.61
RMS x 59.01
RMS y 55.31
side N [adc counts]
side P [adc counts]

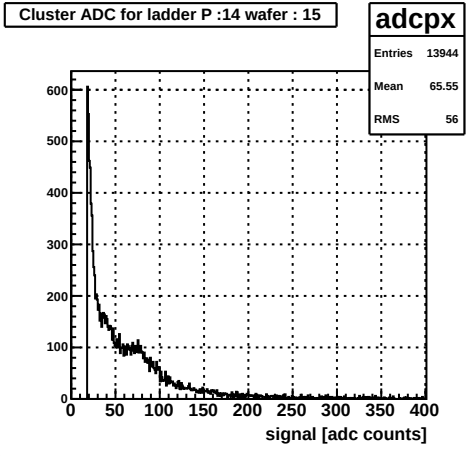

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 12632
Mean 84.58
RMS 58.4
signal [adc counts]

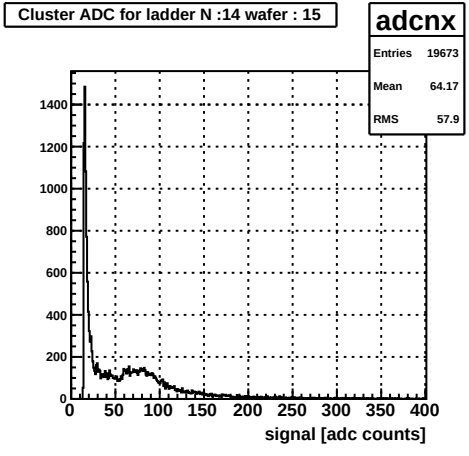

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11325
Mean 73.61
RMS 59.77
signal [adc counts]

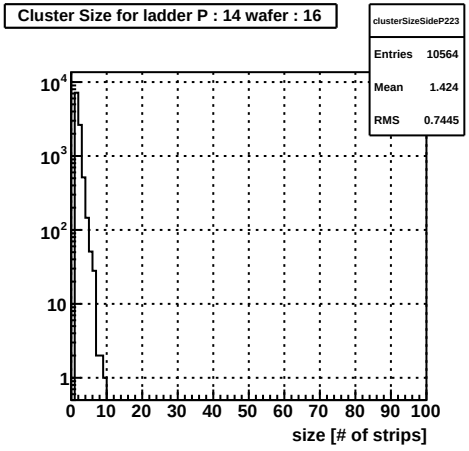

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 13944
Mean 1.332
RMS 0.6668
size [# of strips]

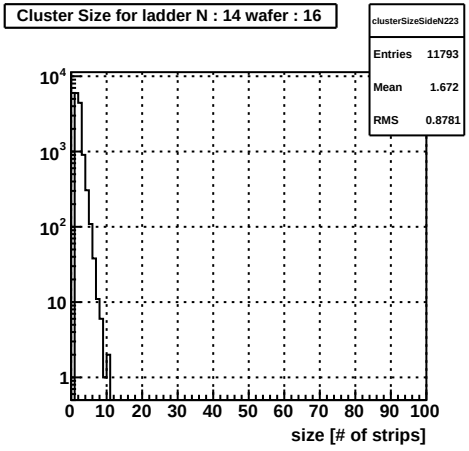

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 19673
Mean 1.714
RMS 1.026
size [# of strips]

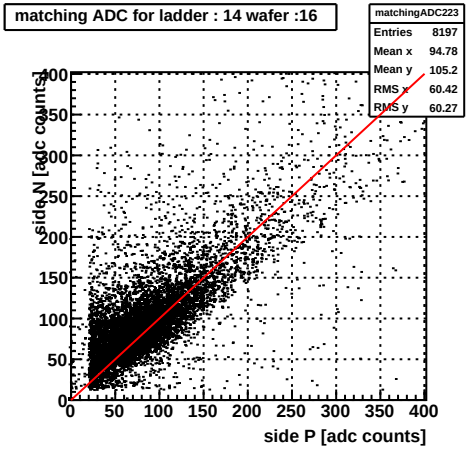

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9543
Mean x 78.07
Mean y 91.7
RMS x 57.84
RMS y 62.7
side N [adc counts]
side P [adc counts]

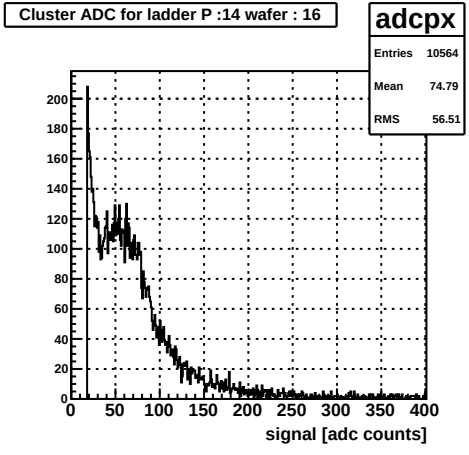

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 13944
Mean 65.55
RMS 56
signal [adc counts]

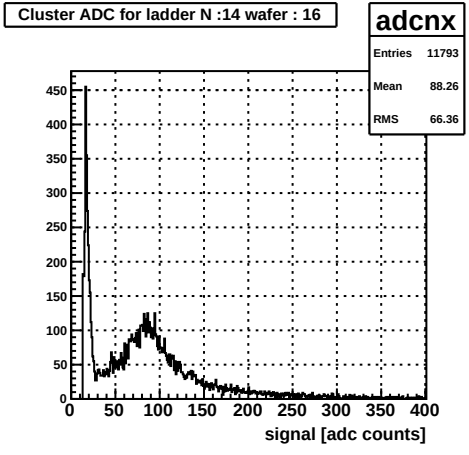

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 19673
Mean 64.17
RMS 57.9
signal [adc counts]

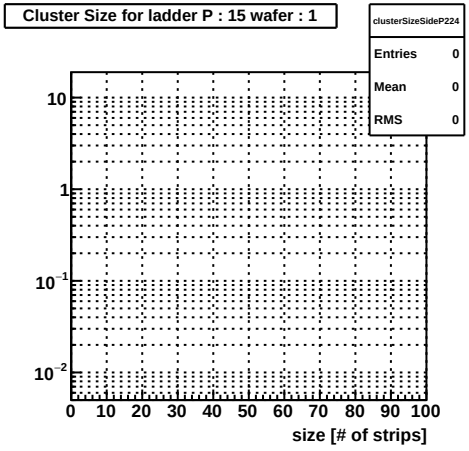

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 10564
Mean 1.424
RMS 0.7445
size [# of strips]

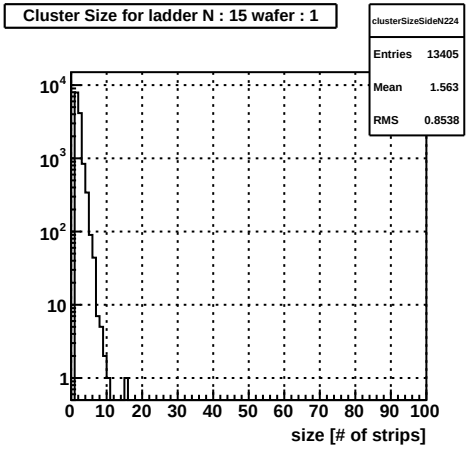

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 11793
Mean 1.672
RMS 0.8781
size [# of strips]

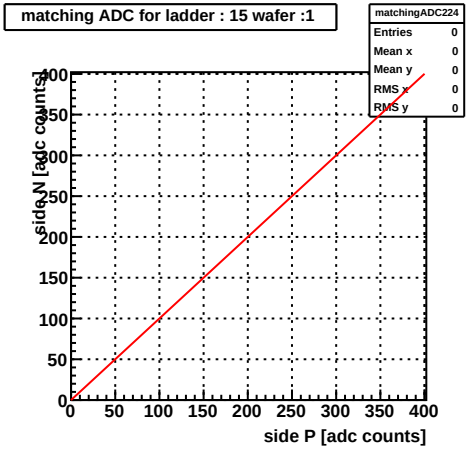

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8197
Mean x 94.78
Mean y 105.2
RMS x 60.42
RMS y 60.27
side N [adc counts]
side P [adc counts]

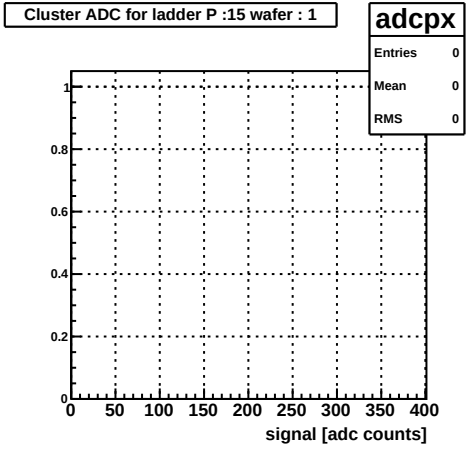

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 10564
Mean 74.79
RMS 56.51
signal [adc counts]

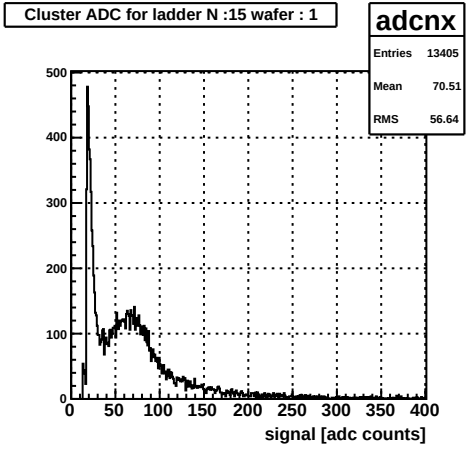

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 11793
Mean 88.26
RMS 66.36
signal [adc counts]

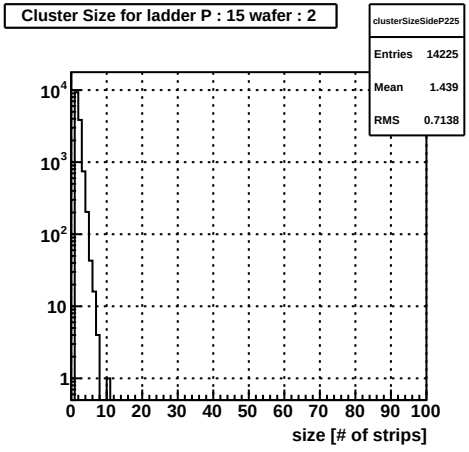

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

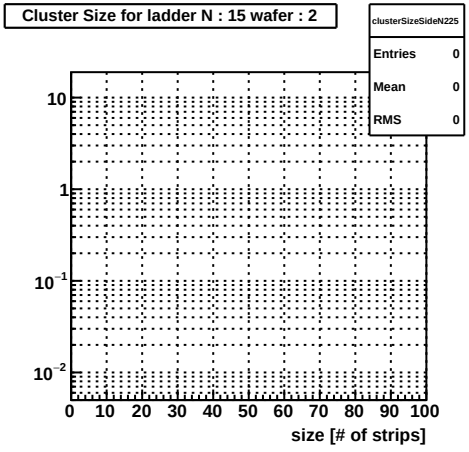

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13405
Mean 1.563
RMS 0.8538
size [# of strips]

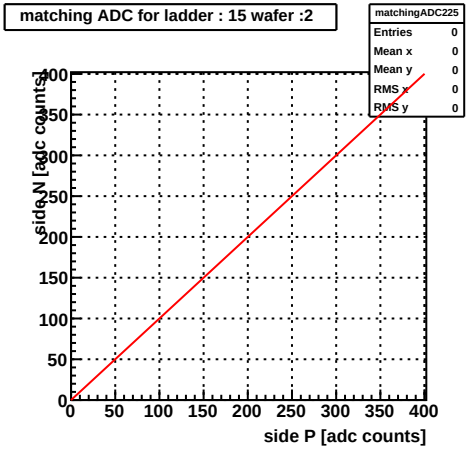

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

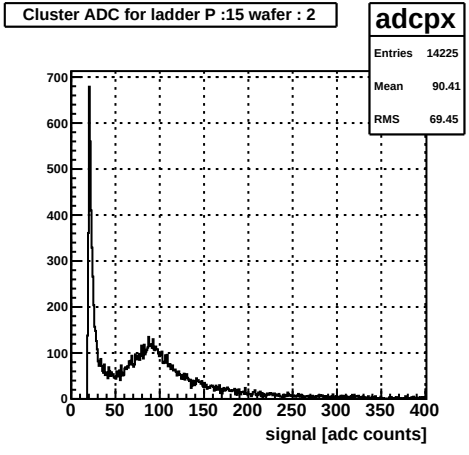

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

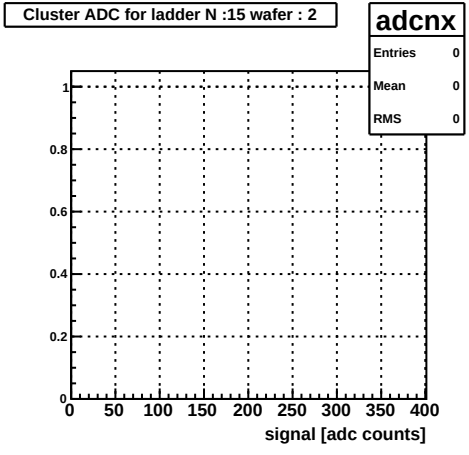

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13405
Mean 70.51
RMS 56.64
signal [adc counts]

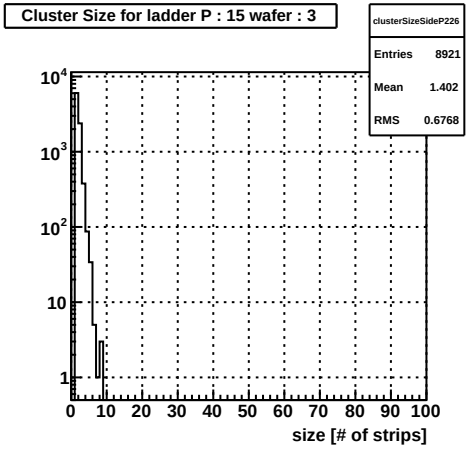

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14225
Mean 1.439
RMS 0.7138
size [# of strips]

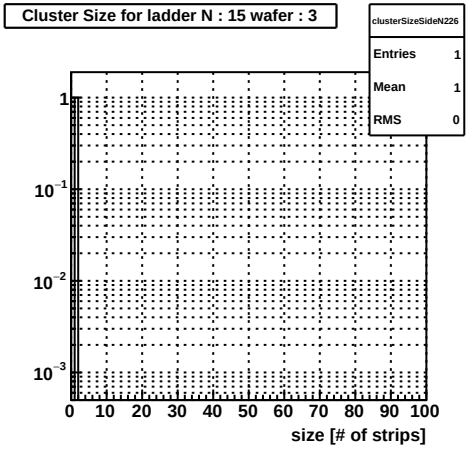

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

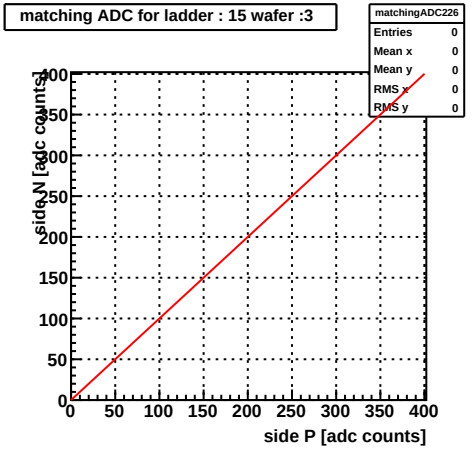

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

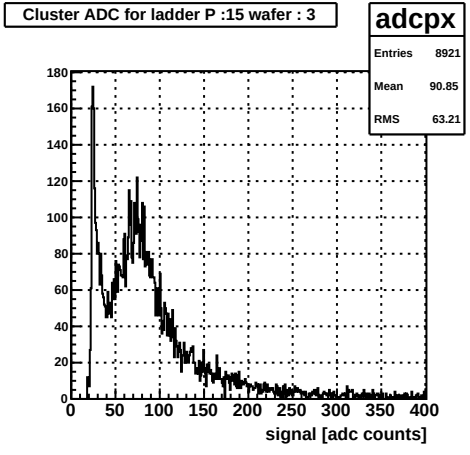

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14225
Mean 90.41
RMS 69.45
signal [adc counts]

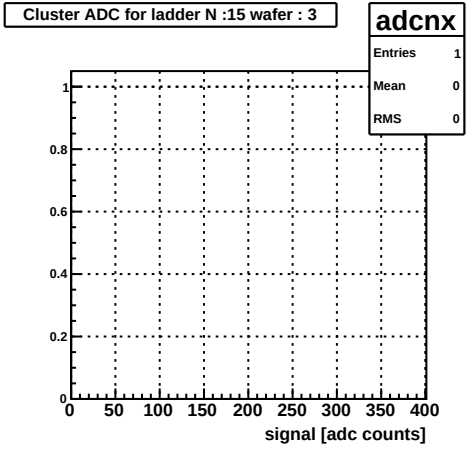

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

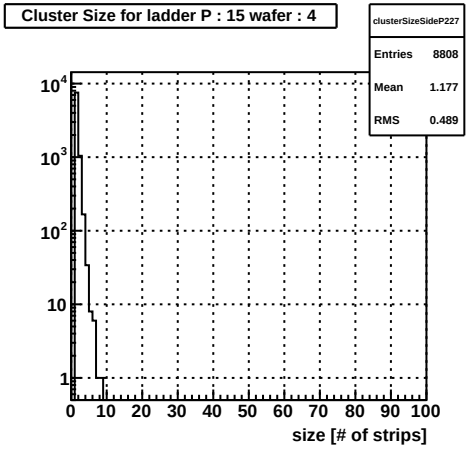

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 8921
Mean 1.402
RMS 0.6768
size [# of strips]

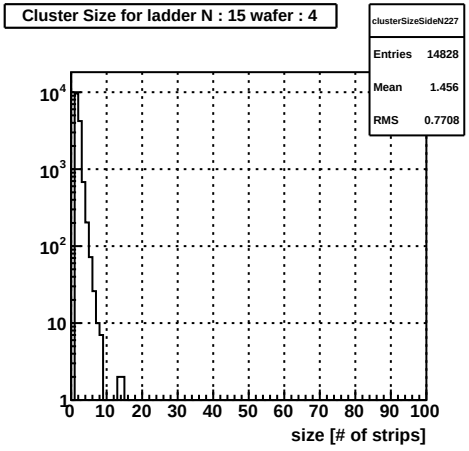

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

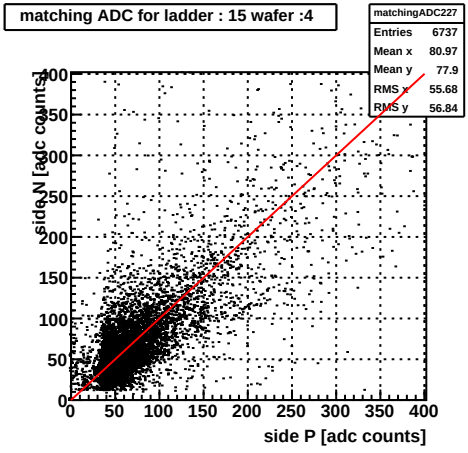

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

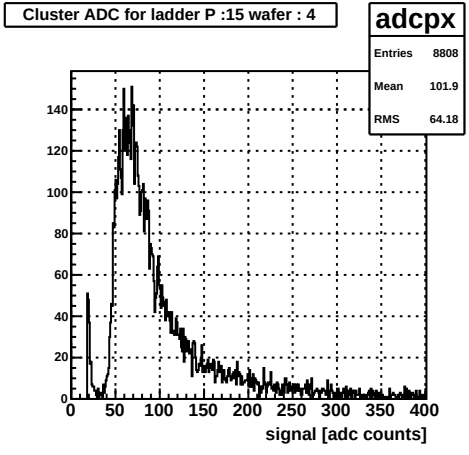

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 8921
Mean 90.85
RMS 63.21
signal [adc counts]

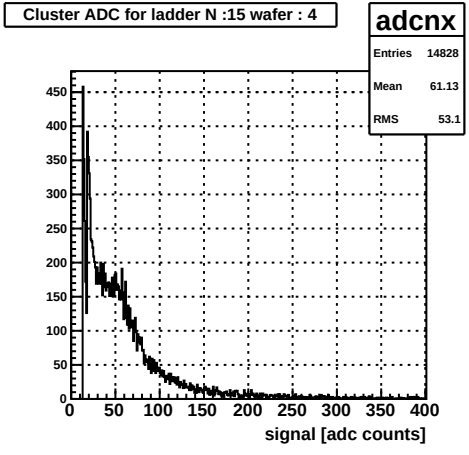

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

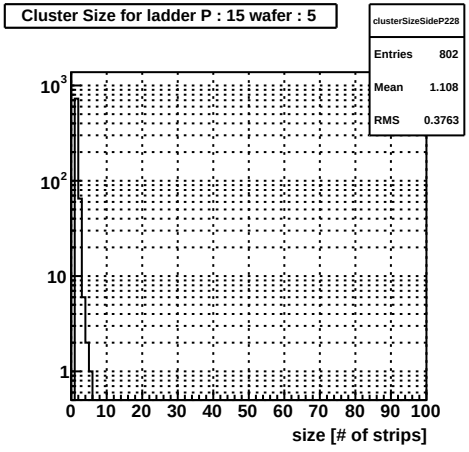

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8808
Mean 1.177
RMS 0.489
size [# of strips]

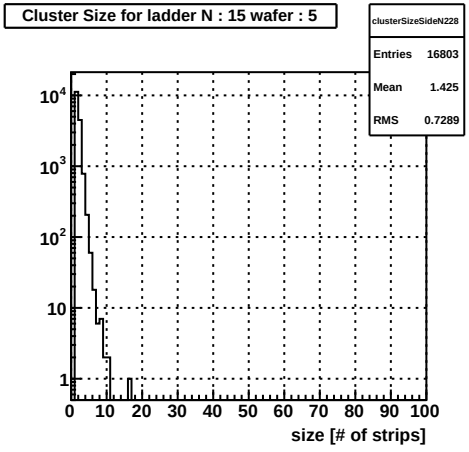

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 14828
Mean 1.456
RMS 0.7708
size [# of strips]

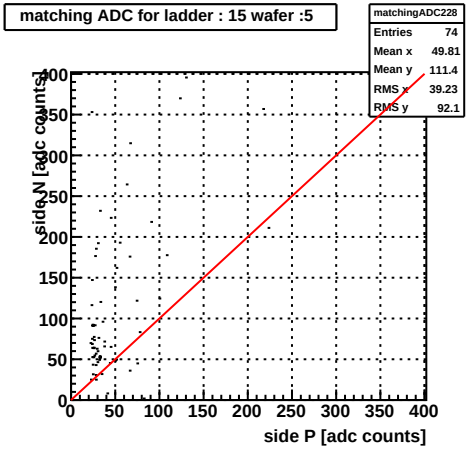

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6737
Mean x 80.97
Mean y 77.9
RMS x 55.68
RMS y 56.84
side N [adc counts]
side P [adc counts]

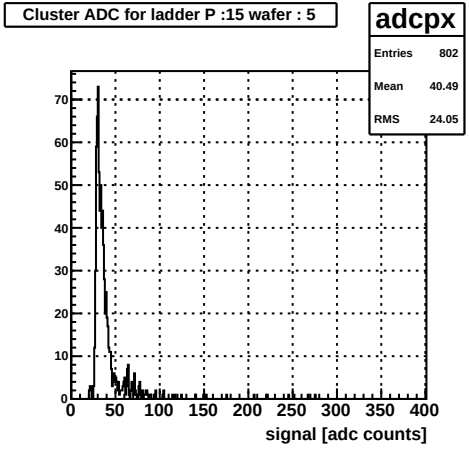

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8808
Mean 101.9
RMS 64.18
signal [adc counts]

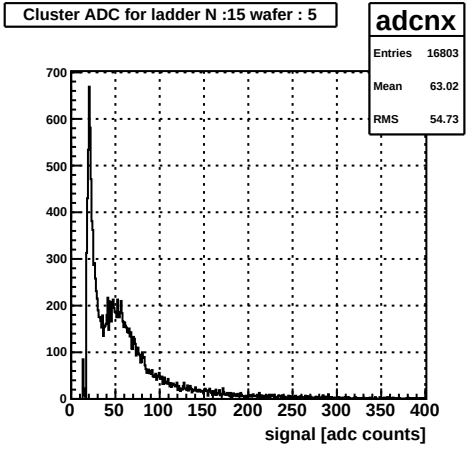

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 14828
Mean 61.13
RMS 53.1
signal [adc counts]

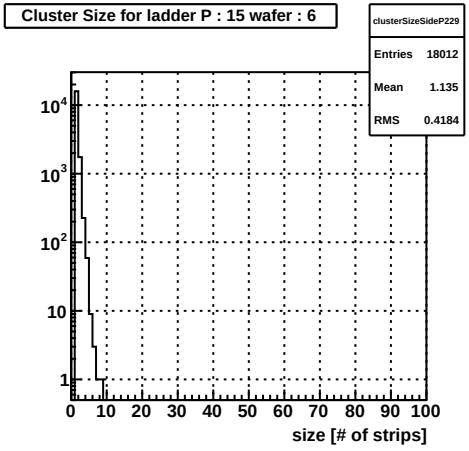

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 802
Mean 1.108
RMS 0.3763
size [# of strips]

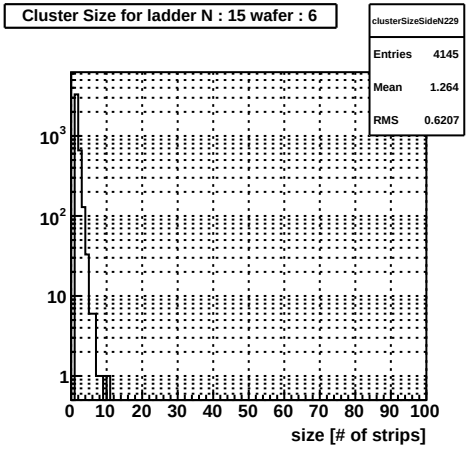

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 16803
Mean 1.425
RMS 0.7289
size [# of strips]

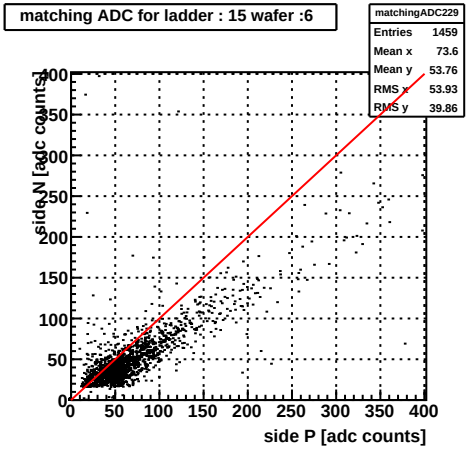

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 74
Mean x 49.81
Mean y 111.4
RMS x 39.23
RMS y 92.1
side N [adc counts]
side P [adc counts]

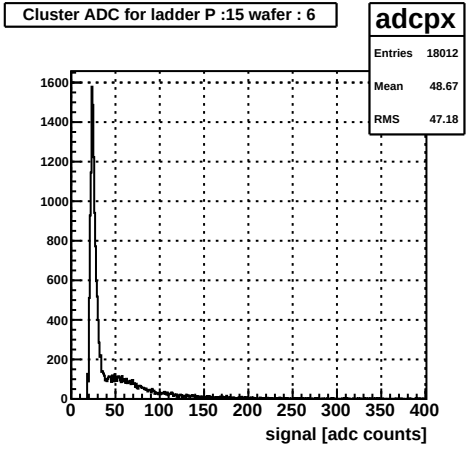

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 802
Mean 40.49
RMS 24.05
signal [adc counts]

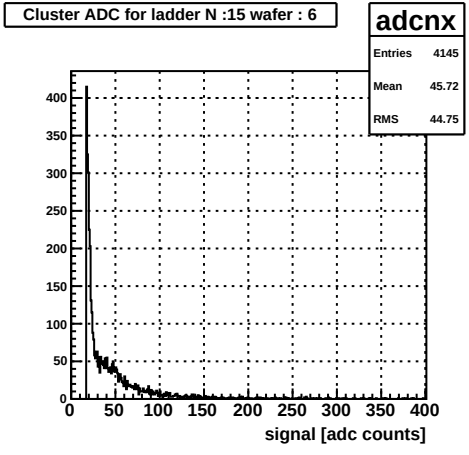

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 16803
Mean 63.02
RMS 54.73
signal [adc counts]

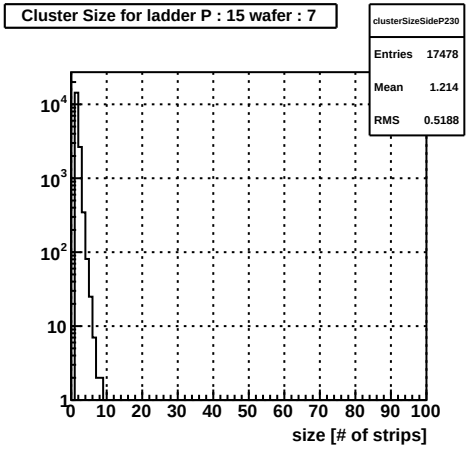

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 18012
Mean 1.135
RMS 0.4184
size [# of strips]

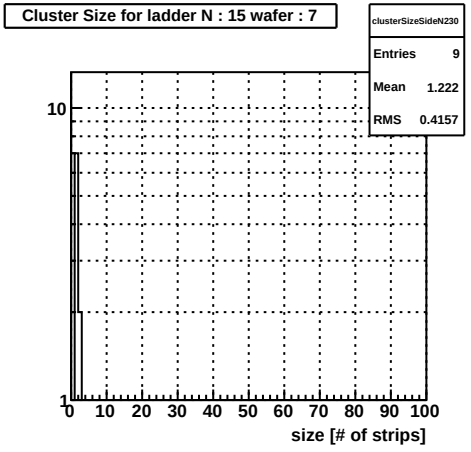

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4145
Mean 1.264
RMS 0.6207
size [# of strips]

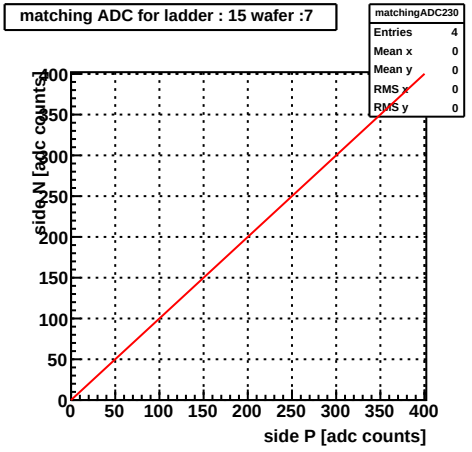

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1459
Mean x 73.6
Mean y 53.76
RMS x 53.93
RMS y 39.86
side N [adc counts]
side P [adc counts]

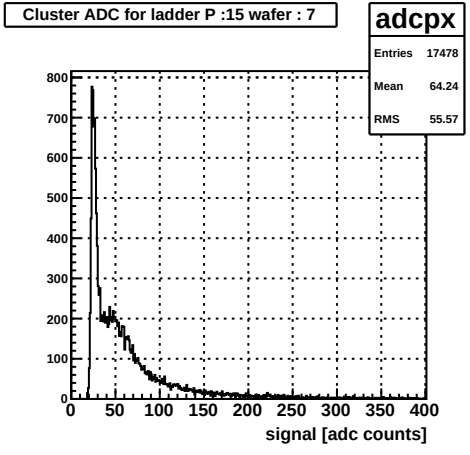

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 18012
Mean 48.67
RMS 47.18
signal [adc counts]

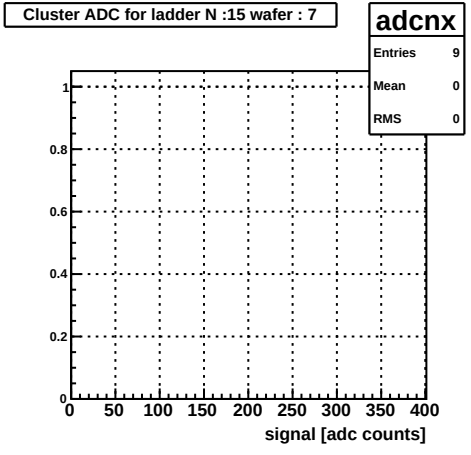

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4145
Mean 45.72
RMS 44.75
signal [adc counts]

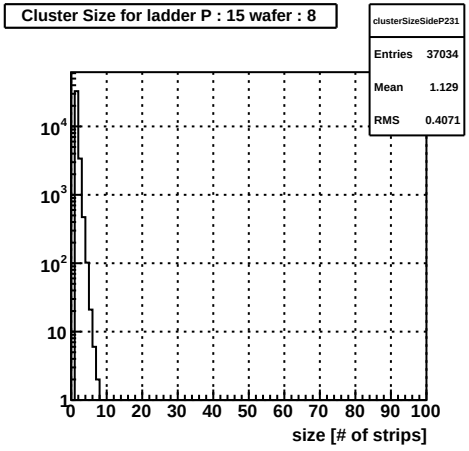

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 17478
Mean 1.214
RMS 0.5188
size [# of strips]

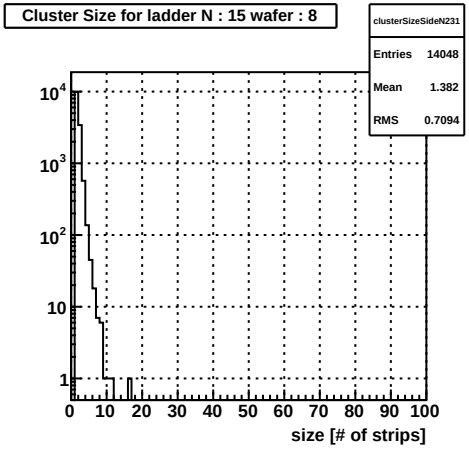

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 9
Mean 1.222
RMS 0.4157
size [# of strips]

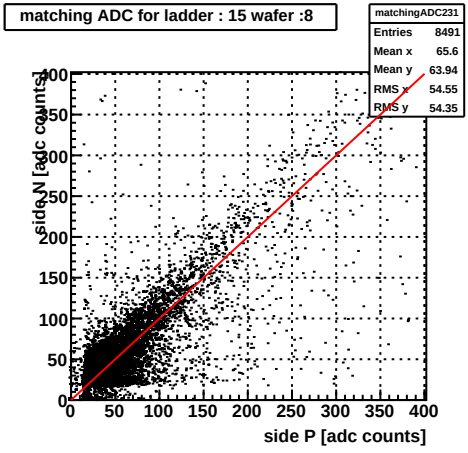

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

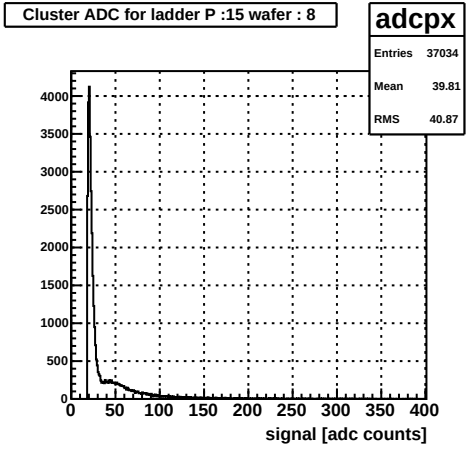

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 17478
Mean 64.24
RMS 55.57
signal [adc counts]

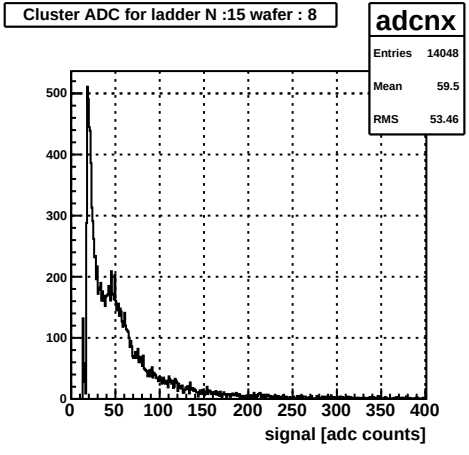

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 9
Mean 0
RMS 0
signal [adc counts]

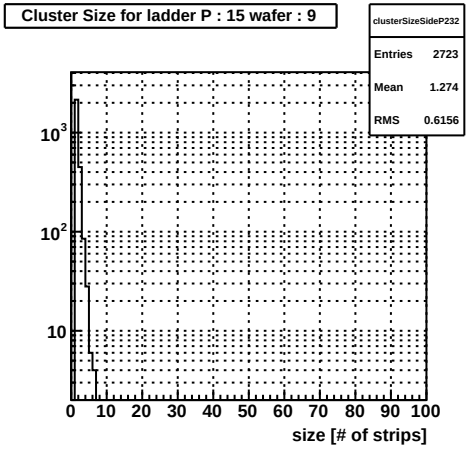

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 37034
Mean 1.129
RMS 0.4071
size [# of strips]

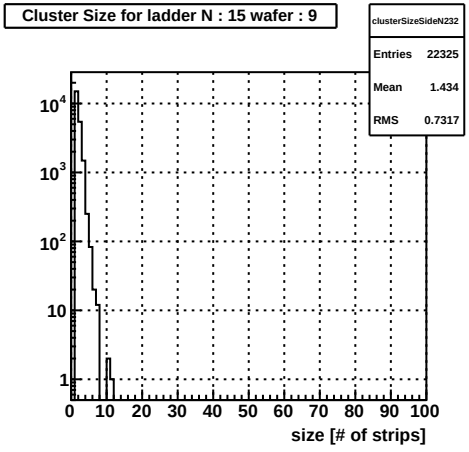

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14048
Mean 1.382
RMS 0.7094
size [# of strips]

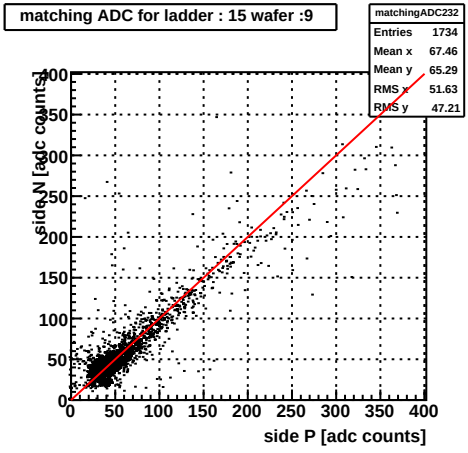

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8491
Mean x 65.6
Mean y 63.94
RMS x 54.55
RMS y 54.35
side N [adc counts]
side P [adc counts]

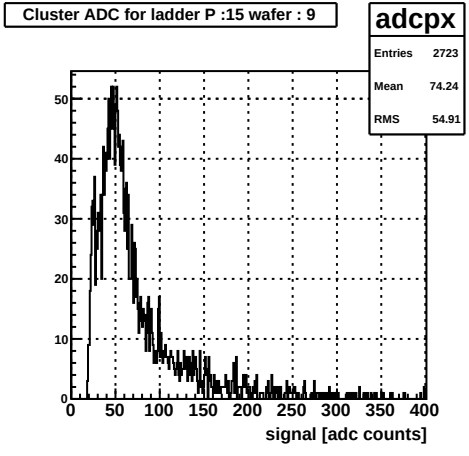

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 37034
Mean 39.81
RMS 40.87
signal [adc counts]

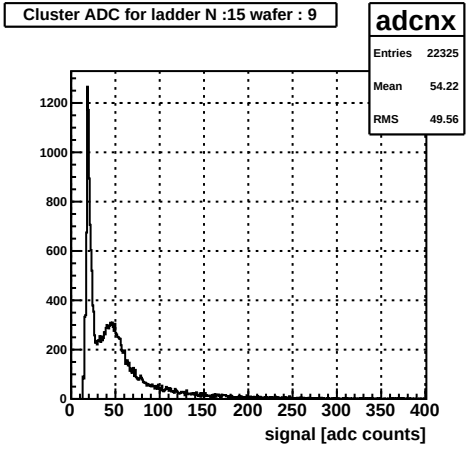

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14048
Mean 59.5
RMS 53.46
signal [adc counts]

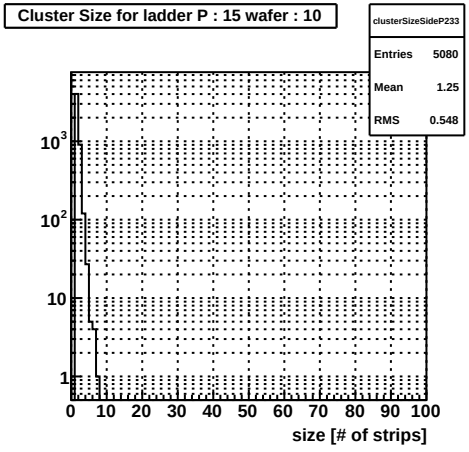

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2723
Mean 1.274
RMS 0.6156
size [# of strips]

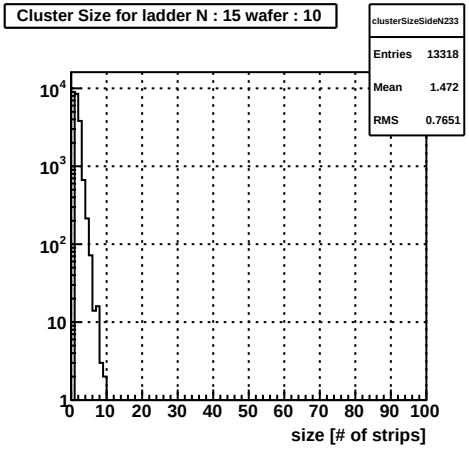

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 22325
Mean 1.434
RMS 0.7317
size [# of strips]

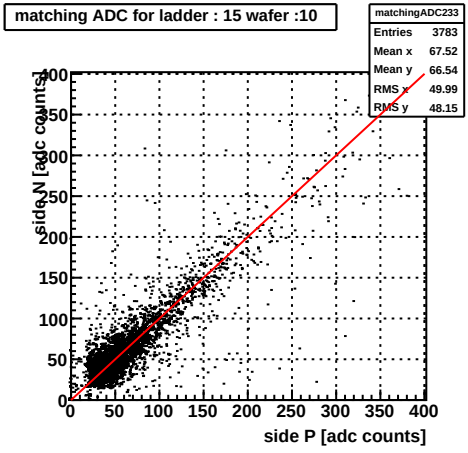

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1734
Mean x 67.46
Mean y 65.29
RMS x 51.63
RMS y 47.21
side N [adc counts]
side P [adc counts]

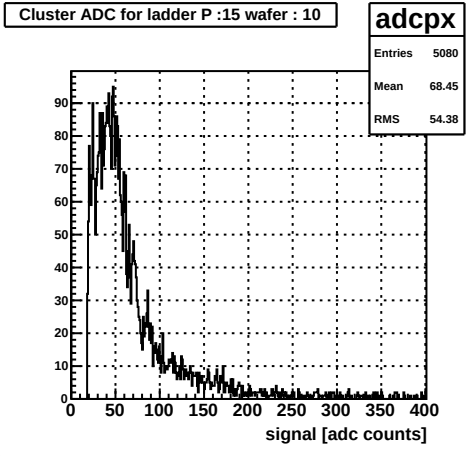

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2723
Mean 74.24
RMS 54.91
signal [adc counts]

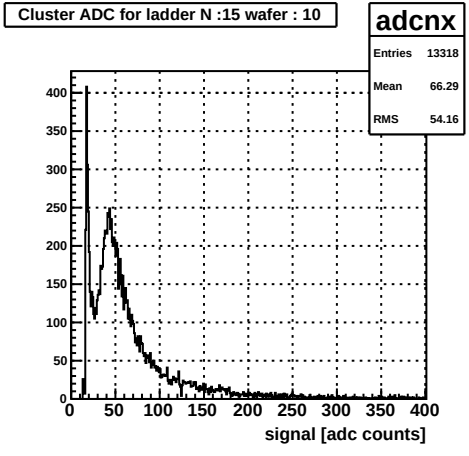

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 22325
Mean 54.22
RMS 49.56
signal [adc counts]

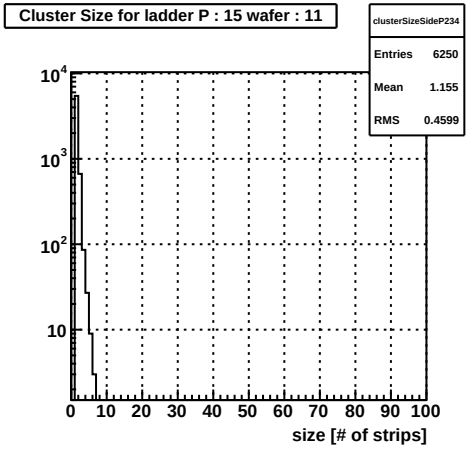

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5080
Mean 1.25
RMS 0.548
size [# of strips]

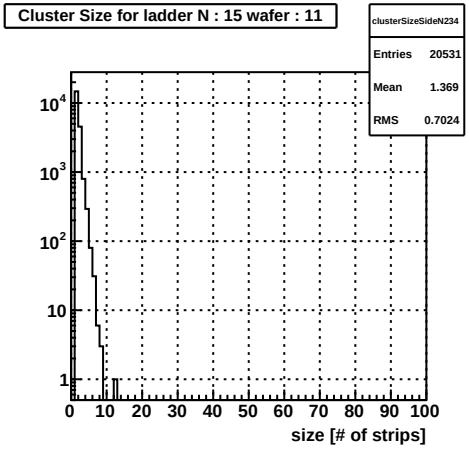

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 13318
Mean 1.472
RMS 0.7651
size [# of strips]

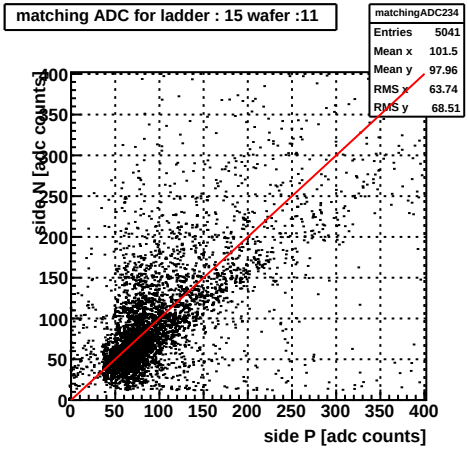

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 3783
Mean x 67.52
Mean y 66.54
RMS x 49.99
RMS y 48.15
side N [adc counts]
side P [adc counts]

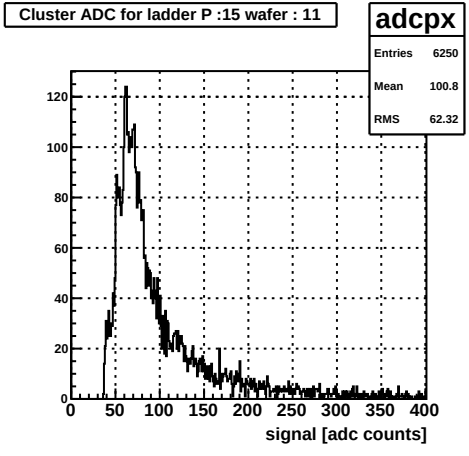

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5080
Mean 68.45
RMS 54.38
signal [adc counts]

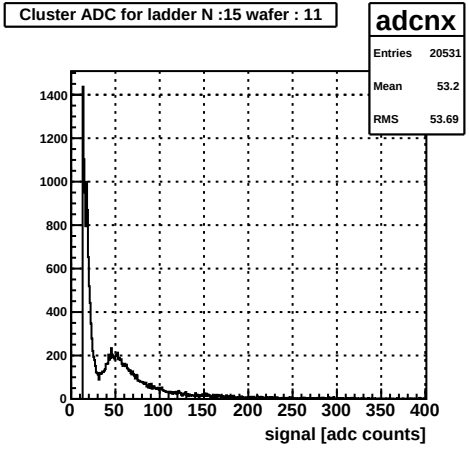

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 13318
Mean 66.29
RMS 54.16
signal [adc counts]

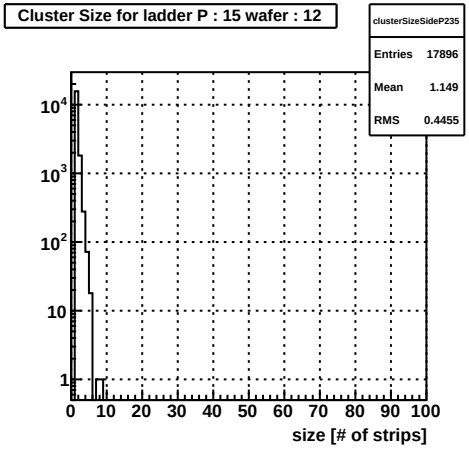

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6250
Mean 1.155
RMS 0.4599
size [# of strips]

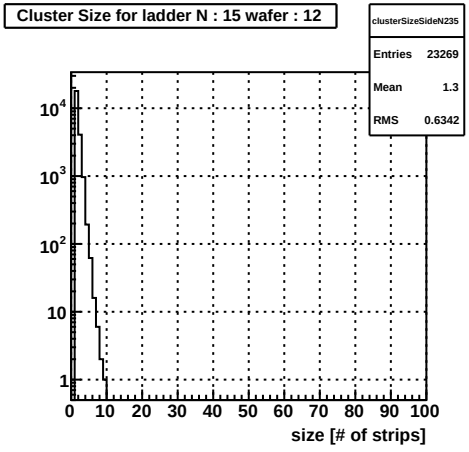

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 20531
Mean 1.369
RMS 0.7024
size [# of strips]

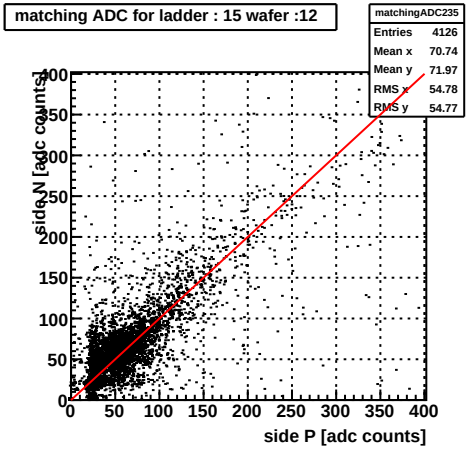

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 5041
Mean x 101.5
Mean y 97.96
RMS x 63.74
RMS y 68.51
side N [adc counts]
side P [adc counts]

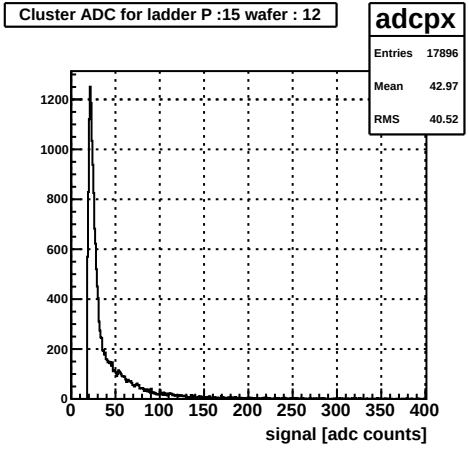

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6250
Mean 100.8
RMS 62.32
signal [adc counts]

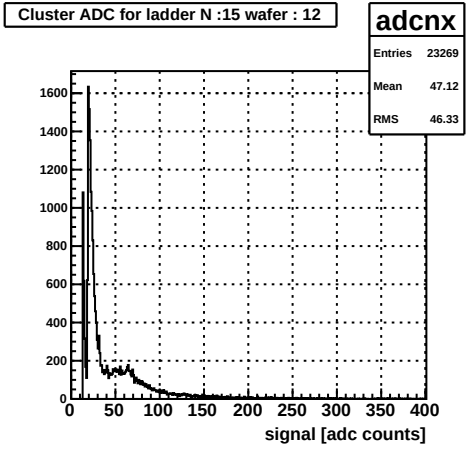

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 20531
Mean 53.2
RMS 53.69
signal [adc counts]

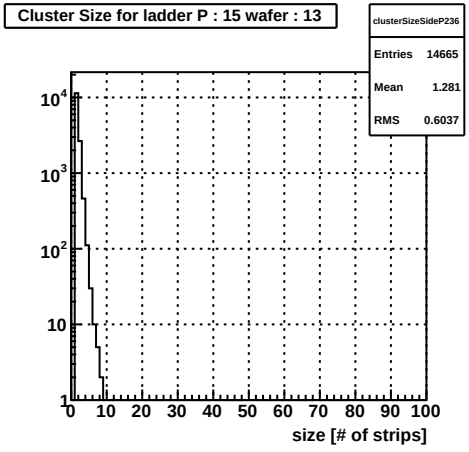

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 17896
Mean 1.149
RMS 0.4455
size [# of strips]

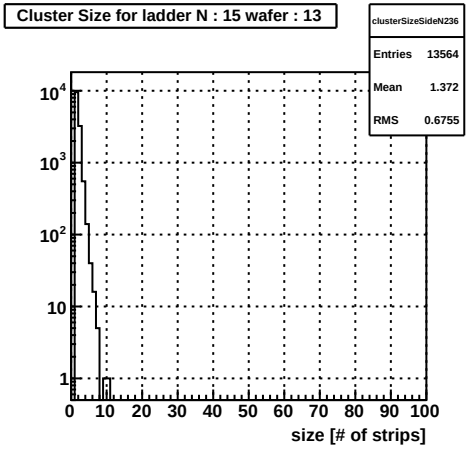

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 23269
Mean 1.3
RMS 0.6342
size [# of strips]

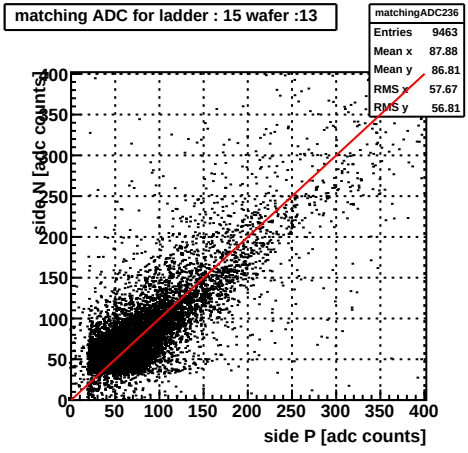

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 4126
Mean x 70.74
Mean y 71.97
RMS x 54.78
RMS y 54.77
side N [adc counts]
side P [adc counts]

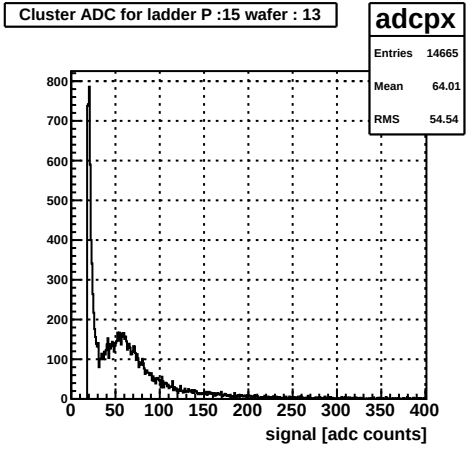

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 17896
Mean 42.97
RMS 40.52
signal [adc counts]

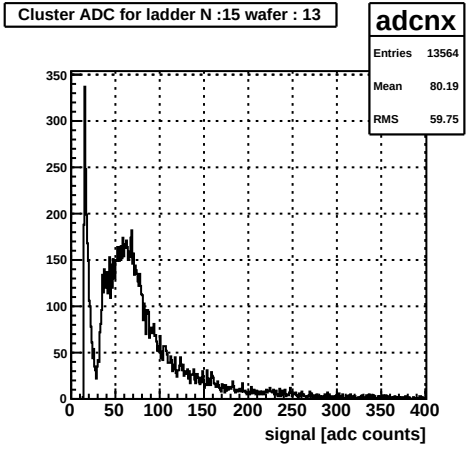

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 23269
Mean 47.12
RMS 46.33
signal [adc counts]

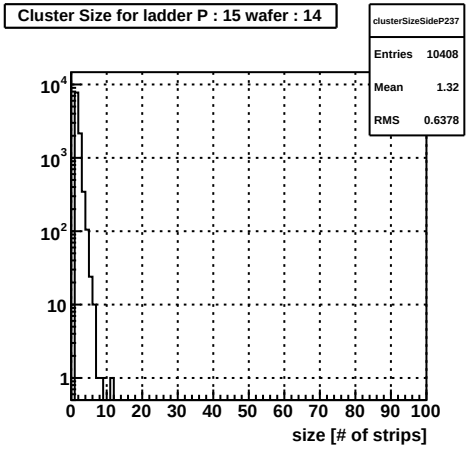

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 14665
Mean 1.281
RMS 0.6037
size [# of strips]

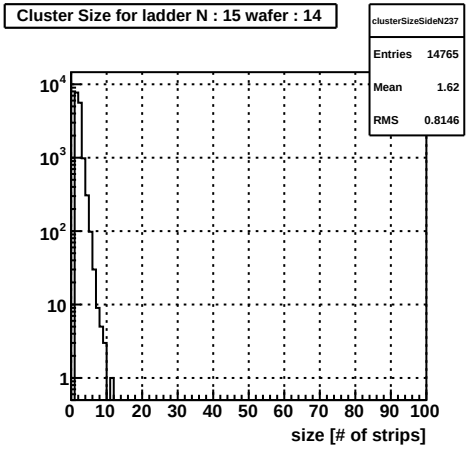

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 13564
Mean 1.372
RMS 0.6755
size [# of strips]

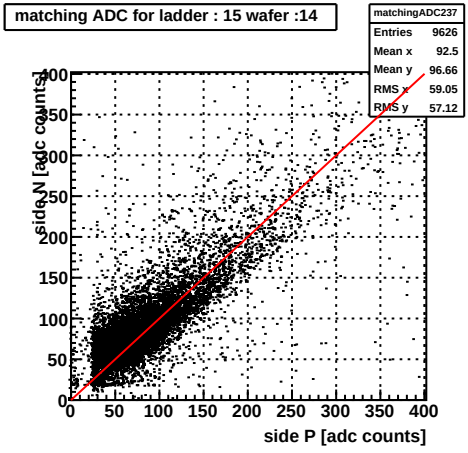

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9463
Mean x 87.88
Mean y 86.81
RMS x 57.67
RMS y 56.81
side N [adc counts]
side P [adc counts]

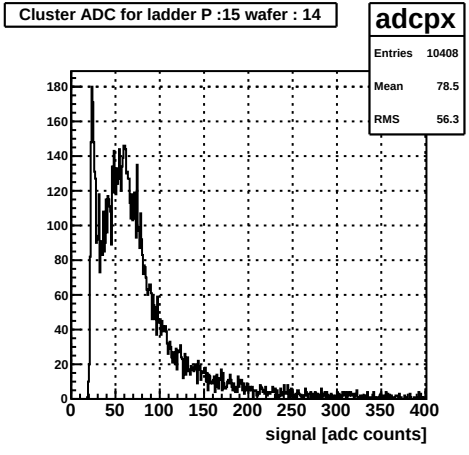

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 14665
Mean 64.01
RMS 54.54
signal [adc counts]

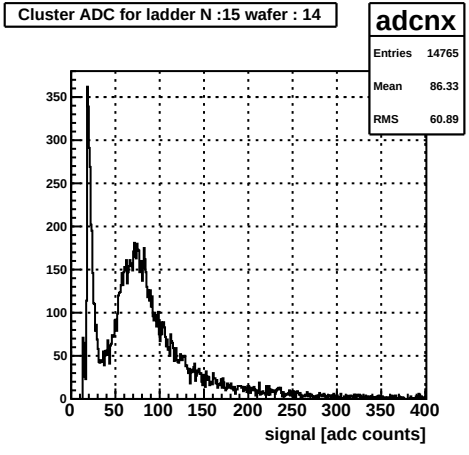

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 13564
Mean 80.19
RMS 59.75
signal [adc counts]

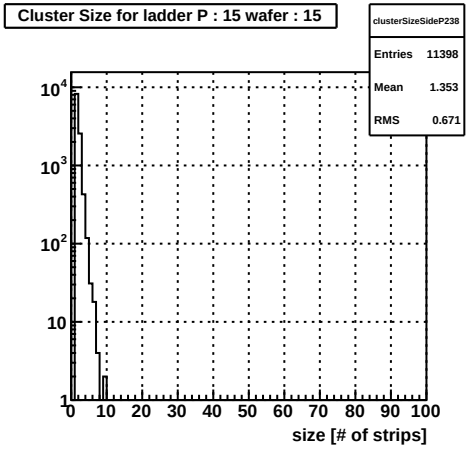

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10408
Mean 1.32
RMS 0.6378
size [# of strips]

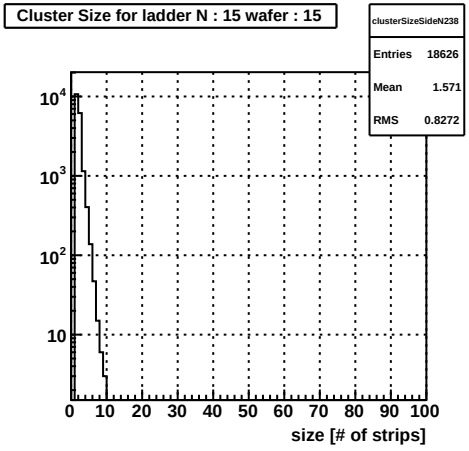

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 14765
Mean 1.62
RMS 0.8146
size [# of strips]

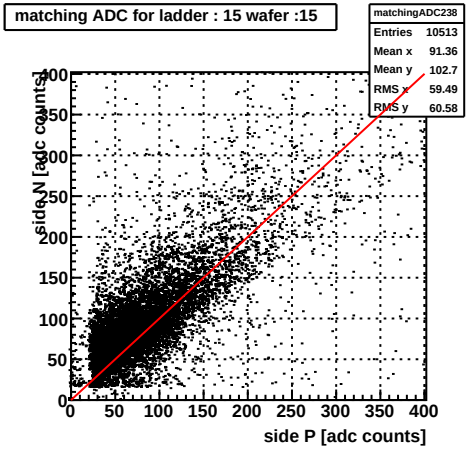

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9626
Mean x 92.5
Mean y 96.66
RMS x 59.05
RMS y 57.12
side N [adc counts]
side P [adc counts]

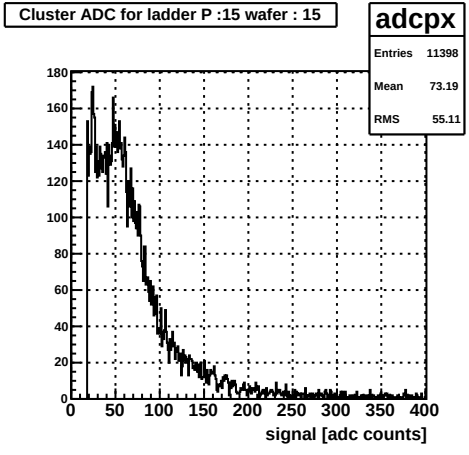

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10408
Mean 78.5
RMS 56.3
signal [adc counts]

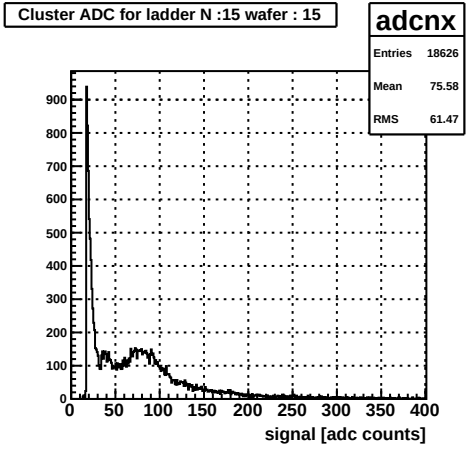

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 14765
Mean 86.33
RMS 60.89
signal [adc counts]

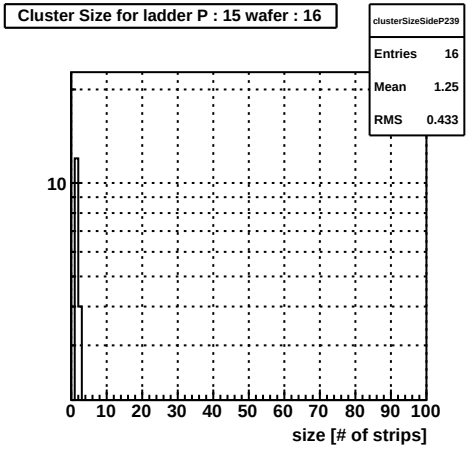

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 11398
Mean 1.353
RMS 0.671
size [# of strips]

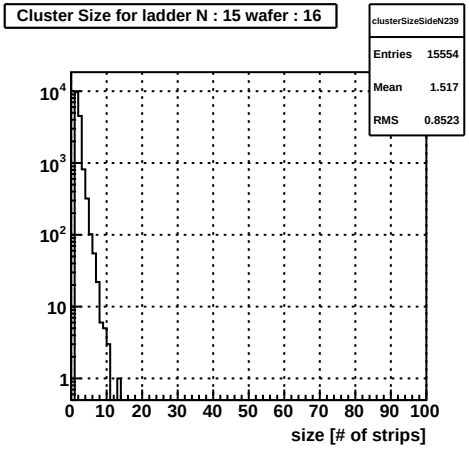

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18626
Mean 1.571
RMS 0.8272
size [# of strips]

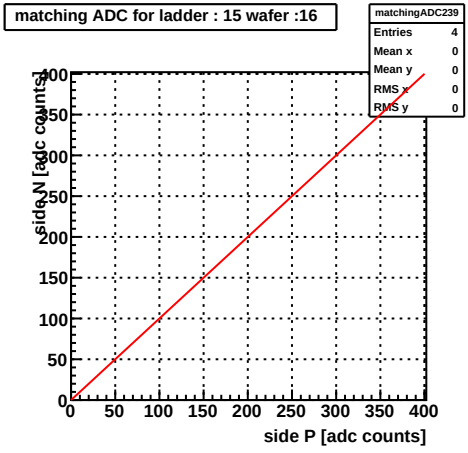

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10513
Mean x 91.36
Mean y 102.7
RMS x 59.49
RMS y 60.58
side N [adc counts]
side P [adc counts]

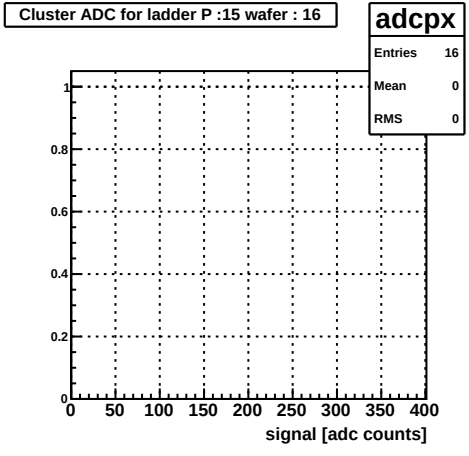

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 11398
Mean 73.19
RMS 55.11
signal [adc counts]

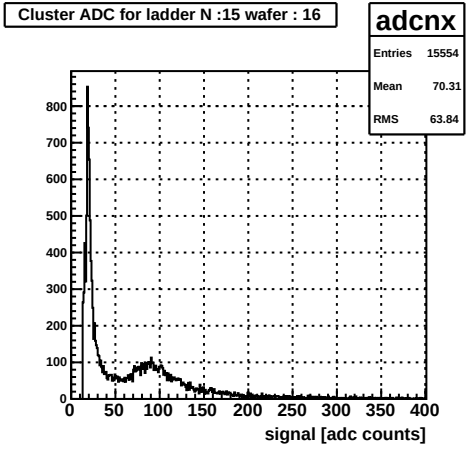

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18626
Mean 75.58
RMS 61.47
signal [adc counts]

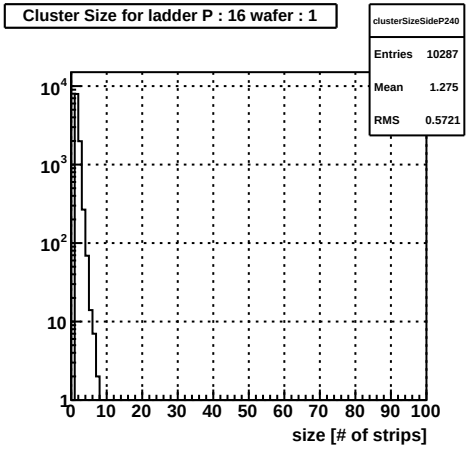

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 16
Mean 1.25
RMS 0.433
size [# of strips]

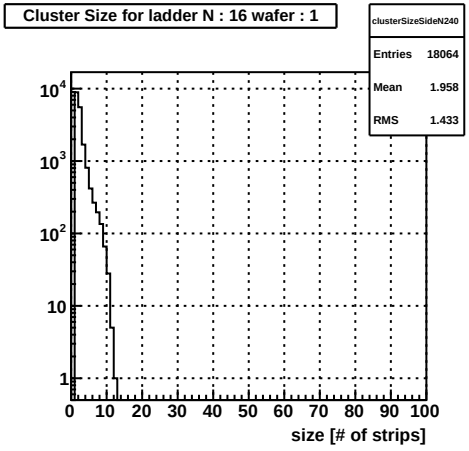

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 15554
Mean 1.517
RMS 0.8523
size [# of strips]

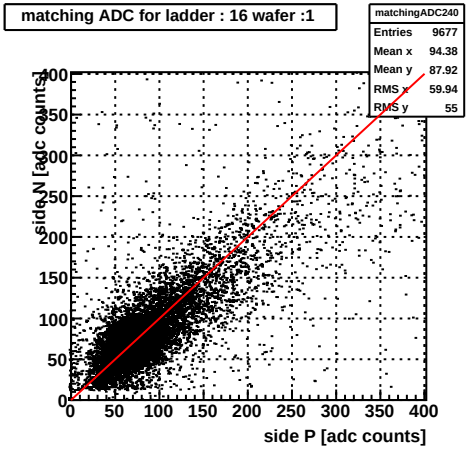

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

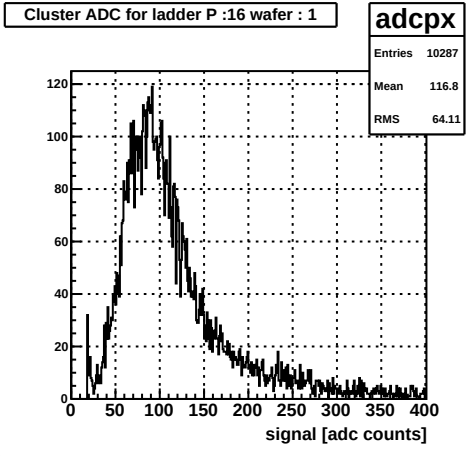

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

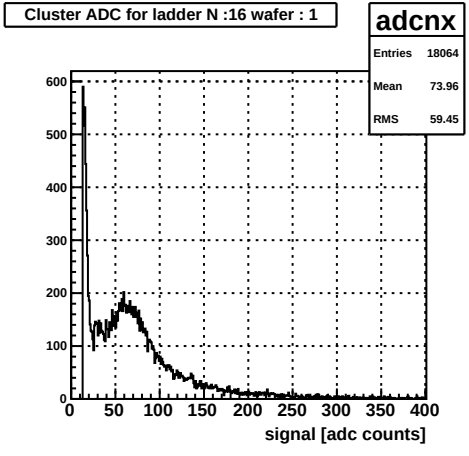

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 15554
Mean 70.31
RMS 63.84
signal [adc counts]

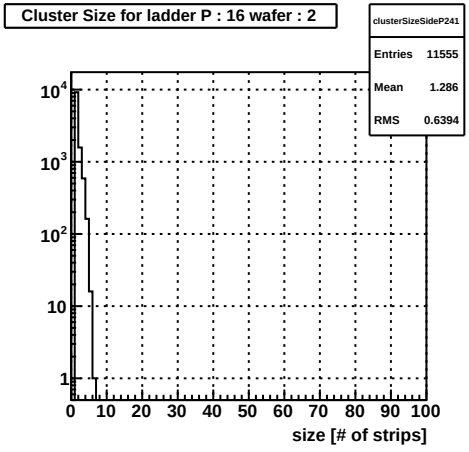

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10287
Mean 1.275
RMS 0.5721
size [# of strips]

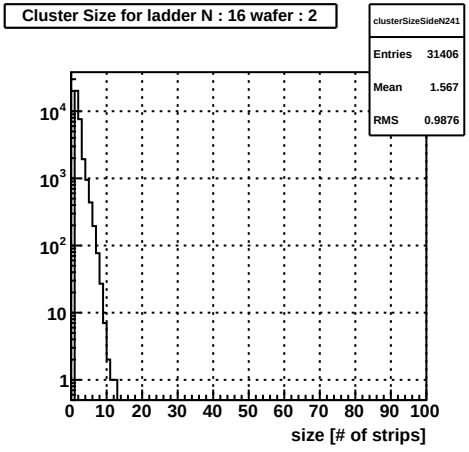

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 18064
Mean 1.958
RMS 1.433
size [# of strips]

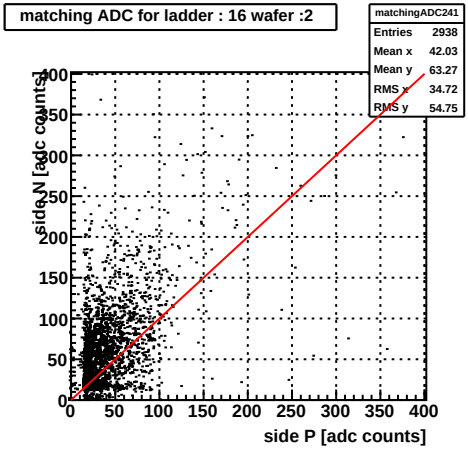

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9677
Mean x 94.38
Mean y 87.92
RMS x 59.94
RMS y 55
side N [adc counts]
side P [adc counts]

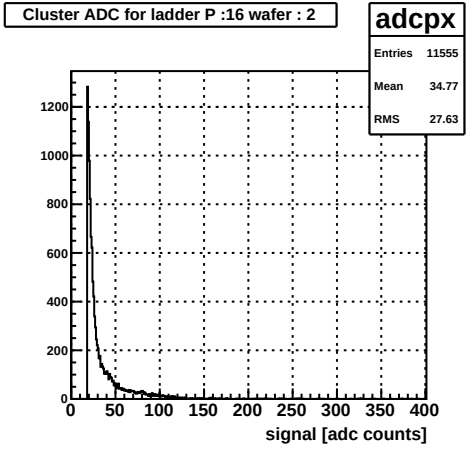

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10287
Mean 116.8
RMS 64.11
signal [adc counts]

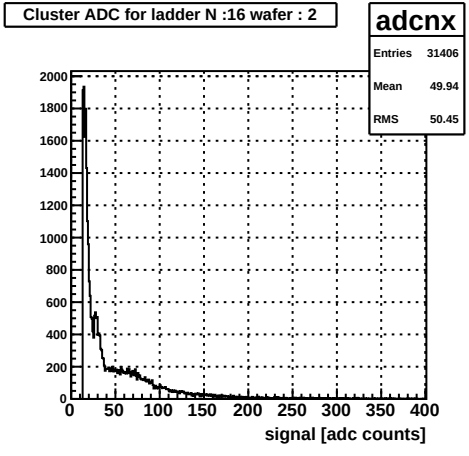

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 18064
Mean 73.96
RMS 59.45
signal [adc counts]

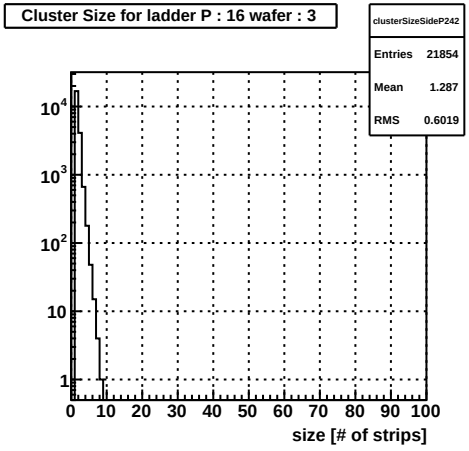

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11555
Mean 1.286
RMS 0.6394
size [# of strips]

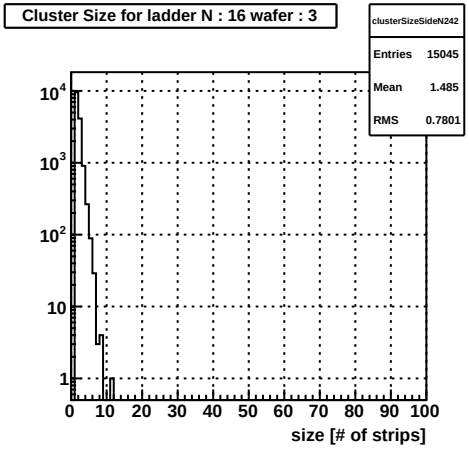

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 31406
Mean 1.567
RMS 0.9876
size [# of strips]

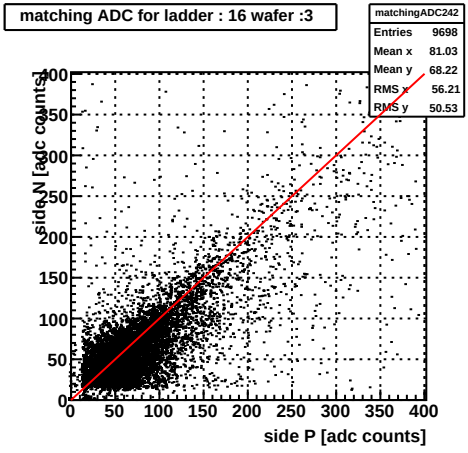

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2938
Mean x 42.03
Mean y 63.27
RMS x 34.72
RMS y 54.75
side N [adc counts]
side P [adc counts]

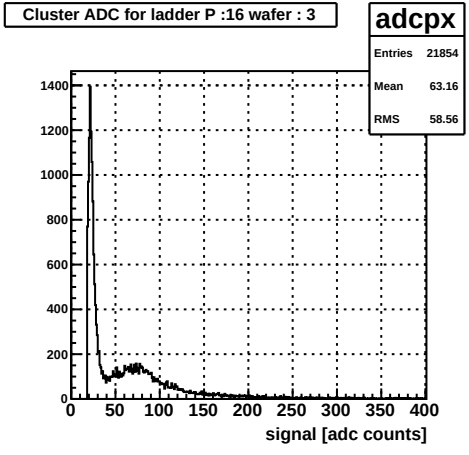

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11555
Mean 34.77
RMS 27.63
signal [adc counts]

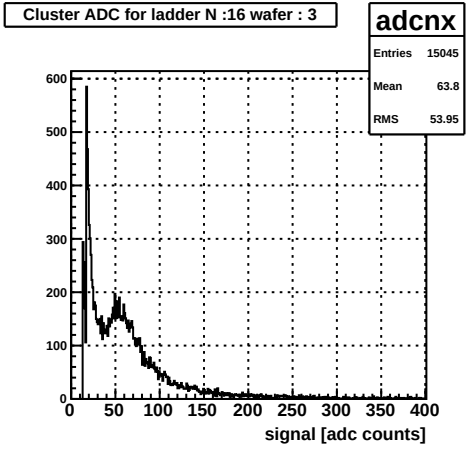

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 31406
Mean 49.94
RMS 50.45
signal [adc counts]

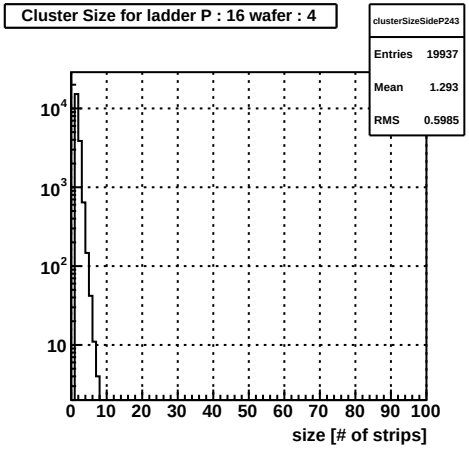

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 21854
Mean 1.287
RMS 0.6019
size [# of strips]

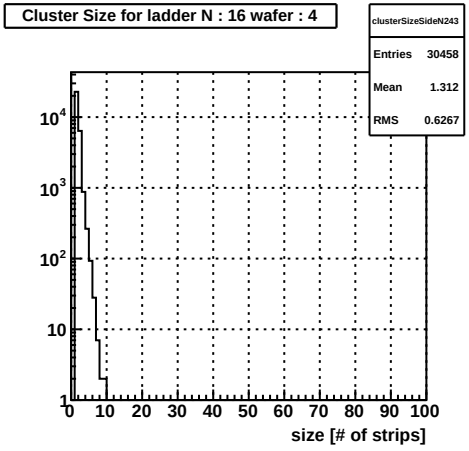

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15045
Mean 1.485
RMS 0.7801
size [# of strips]

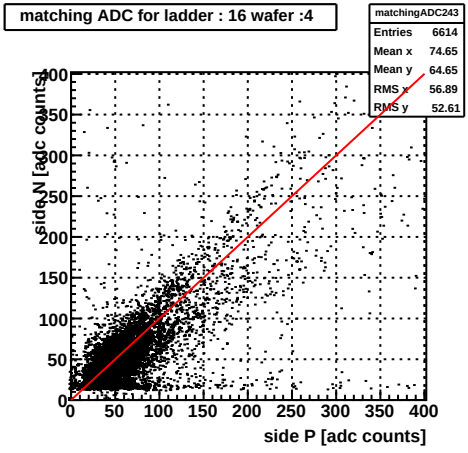

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 9698
Mean x 81.03
Mean y 68.22
RMS x 56.21
RMS y 50.53
side N [adc counts]
side P [adc counts]

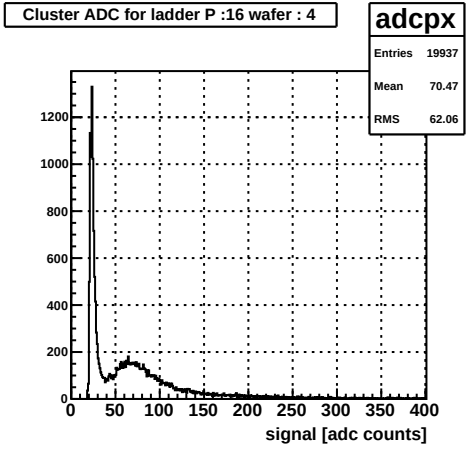

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 21854
Mean 63.16
RMS 58.56
signal [adc counts]

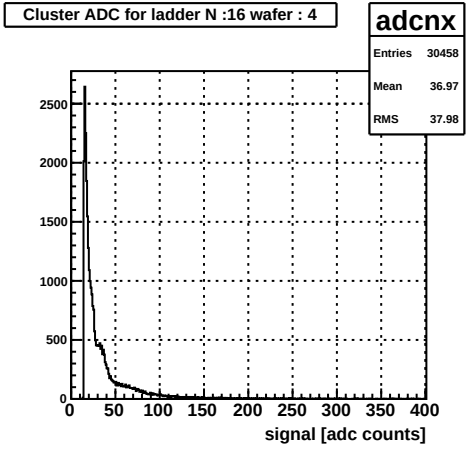

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15045
Mean 63.8
RMS 53.95
signal [adc counts]

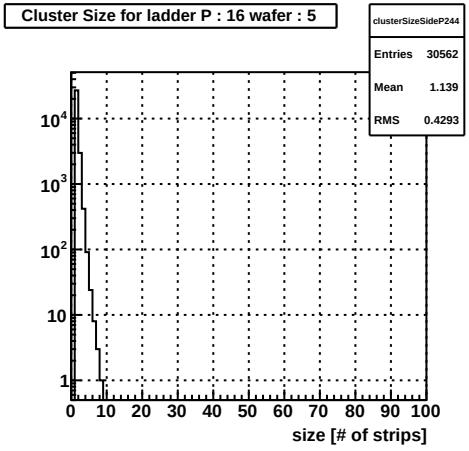

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 19937
Mean 1.293
RMS 0.5985
size [# of strips]

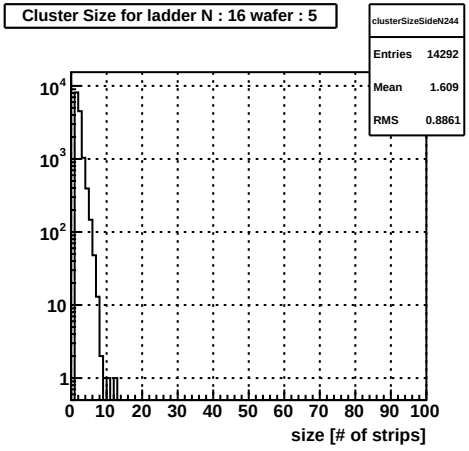

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 30458
Mean 1.312
RMS 0.6267
size [# of strips]

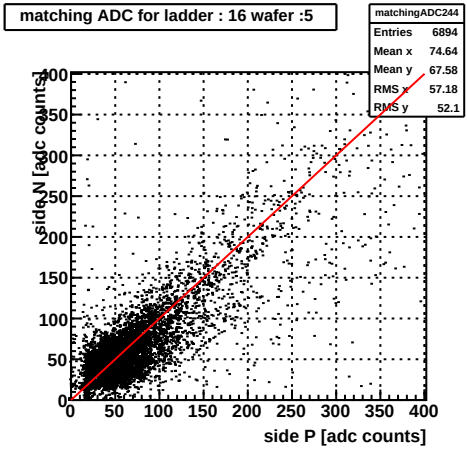

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 6614
Mean x 74.65
Mean y 64.65
RMS x 56.89
RMS y 52.61
side N [adc counts]
side P [adc counts]

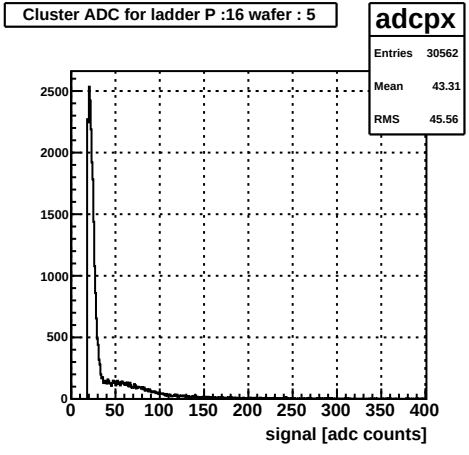

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 19937
Mean 70.47
RMS 62.06
signal [adc counts]

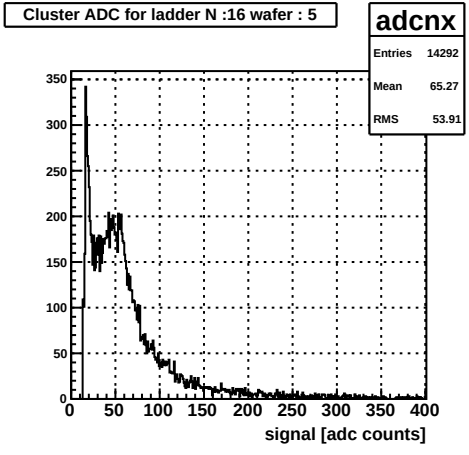

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 30458
Mean 36.97
RMS 37.98
signal [adc counts]

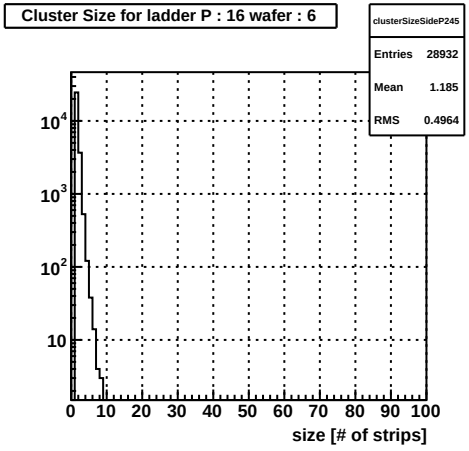

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 30562
Mean 1.139
RMS 0.4293
size [# of strips]

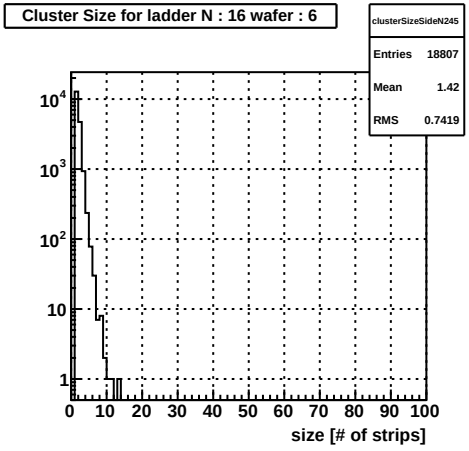

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 14292
Mean 1.609
RMS 0.8861
size [# of strips]

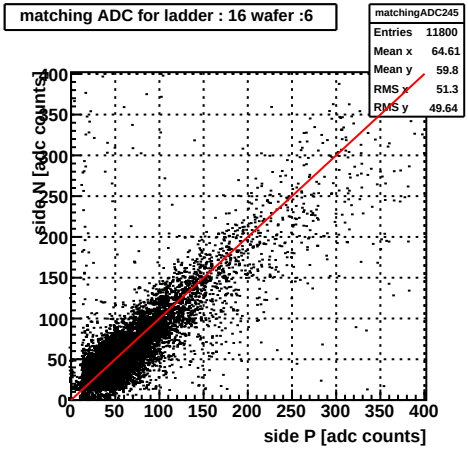

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 6894
Mean x 74.64
Mean y 67.58
RMS x 57.18
RMS y 52.1
side N [adc counts]
side P [adc counts]

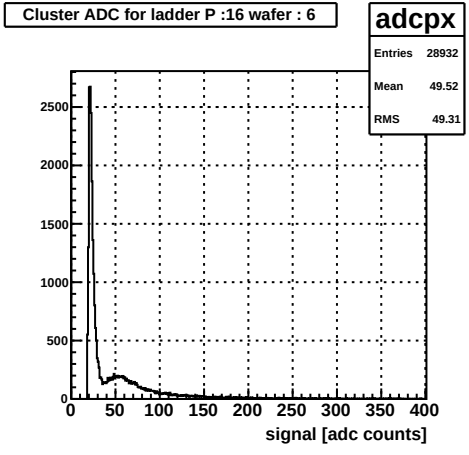

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 30562
Mean 43.31
RMS 45.56
signal [adc counts]

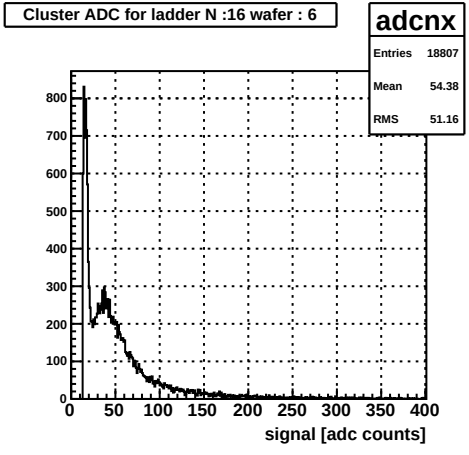

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 14292
Mean 65.27
RMS 53.91
signal [adc counts]

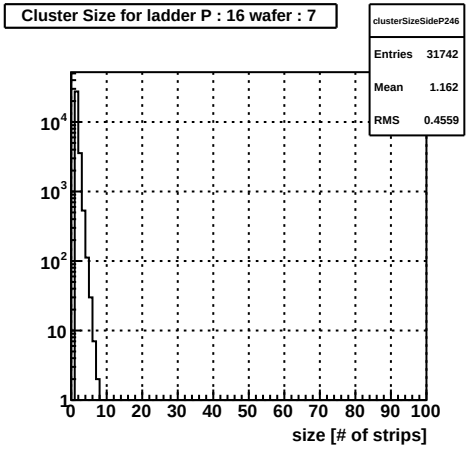

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 28932
Mean 1.185
RMS 0.4964
size [# of strips]

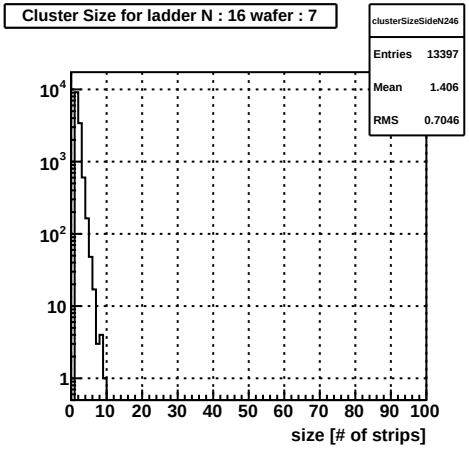

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 18807
Mean 1.42
RMS 0.7419
size [# of strips]

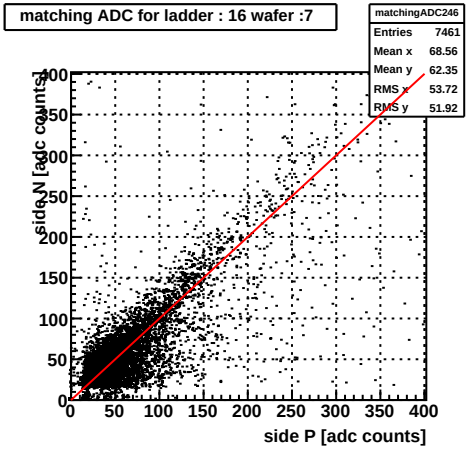

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11800
Mean x 64.61
Mean y 59.8
RMS x 51.3
RMS y 49.64
side N [adc counts]
side P [adc counts]

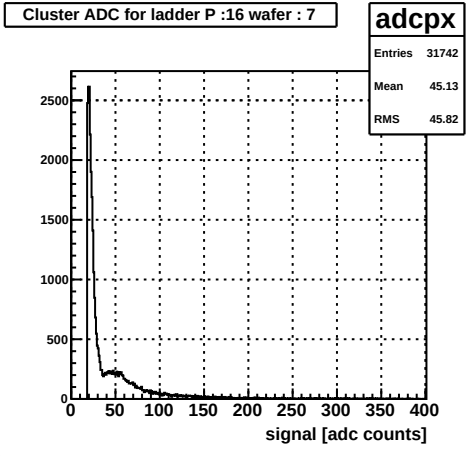

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 28932
Mean 49.52
RMS 49.31
signal [adc counts]

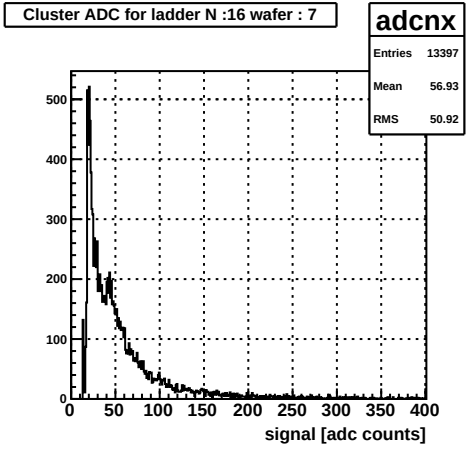

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 18807
Mean 54.38
RMS 51.16
signal [adc counts]

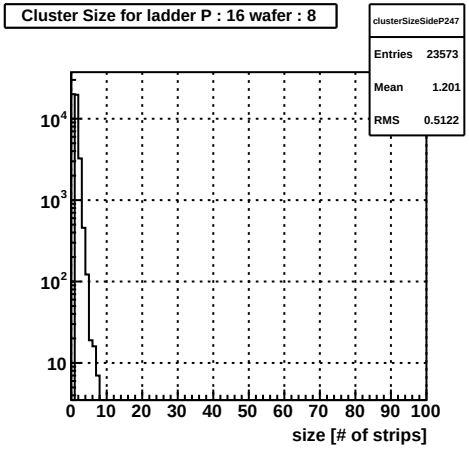

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 31742
Mean 1.162
RMS 0.4559
size [# of strips]

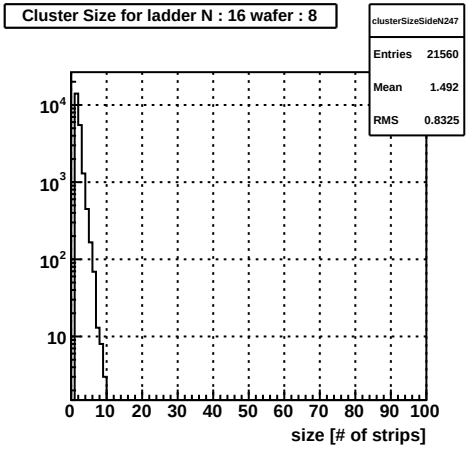

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13397
Mean 1.406
RMS 0.7046
size [# of strips]

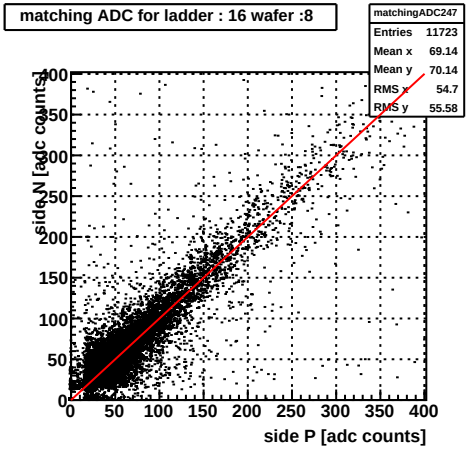

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7461
Mean x 68.56
Mean y 62.35
RMS x 53.72
RMS y 51.92
side N [adc counts]
side P [adc counts]

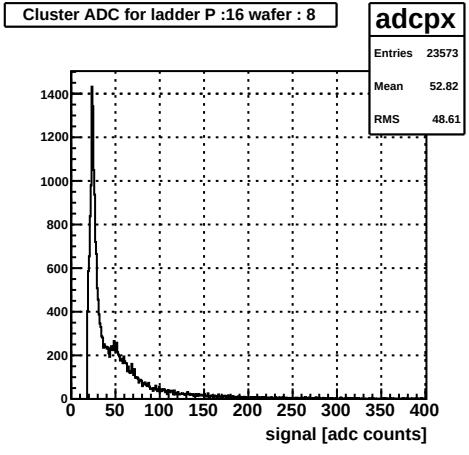

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 31742
Mean 45.13
RMS 45.82
signal [adc counts]

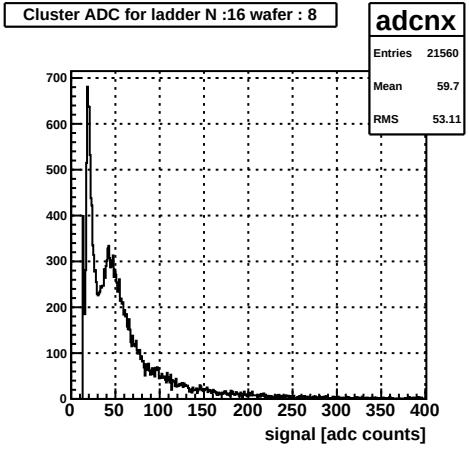

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13397
Mean 56.93
RMS 50.92
signal [adc counts]

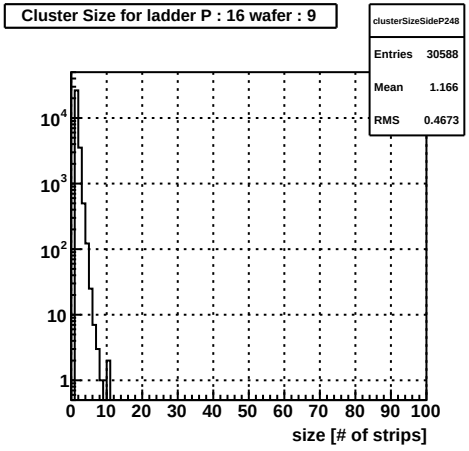

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 23573
Mean 1.201
RMS 0.5122
size [# of strips]

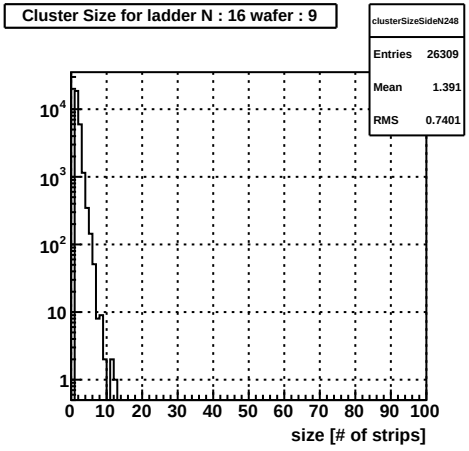

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 21560
Mean 1.492
RMS 0.8325
size [# of strips]

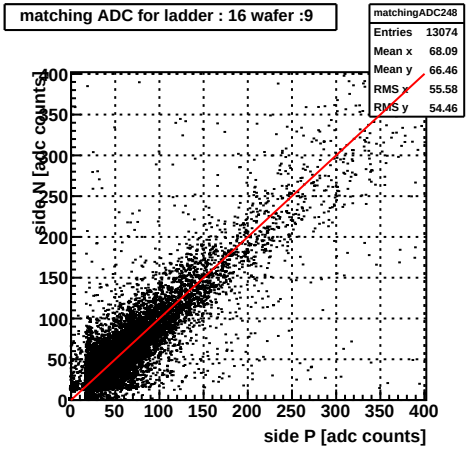

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11723
Mean x 69.14
Mean y 70.14
RMS x 54.7
RMS y 55.58
side N [adc counts]
side P [adc counts]

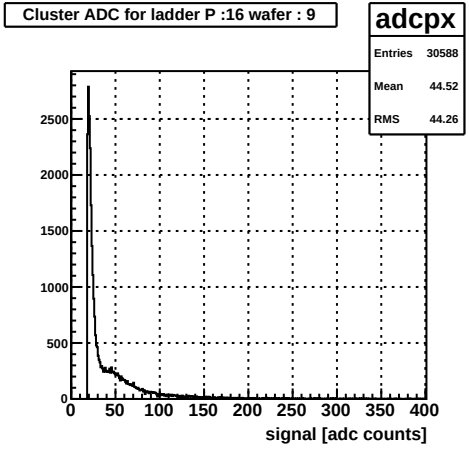

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 23573
Mean 52.82
RMS 48.61
signal [adc counts]

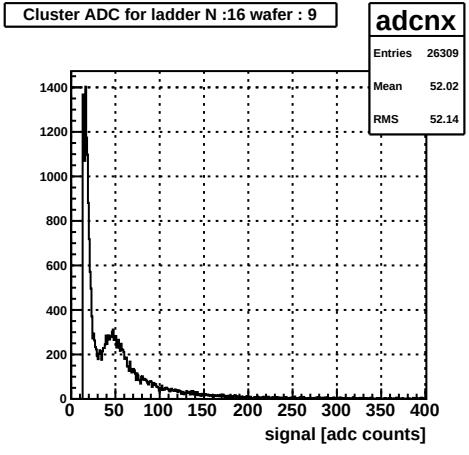

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 21560
Mean 59.7
RMS 53.11
signal [adc counts]

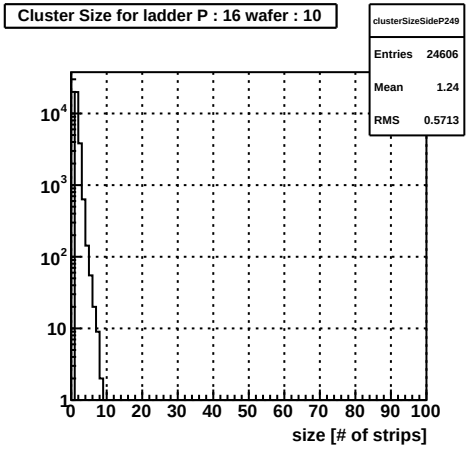

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 30588
Mean 1.166
RMS 0.4673
size [# of strips]

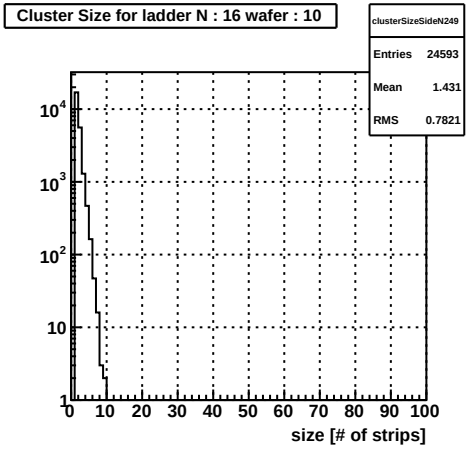

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 26309
Mean 1.391
RMS 0.7401
size [# of strips]

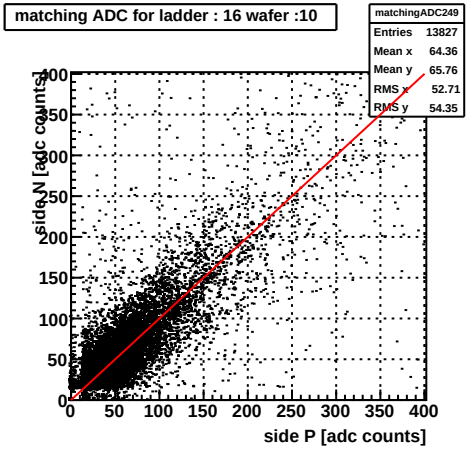

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 13074
Mean x 68.09
Mean y 66.46
RMS x 55.58
RMS y 54.46
side N [adc counts]
side P [adc counts]

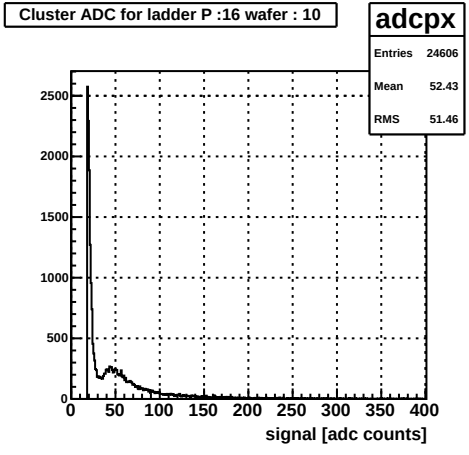

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 30588
Mean 44.52
RMS 44.26
signal [adc counts]

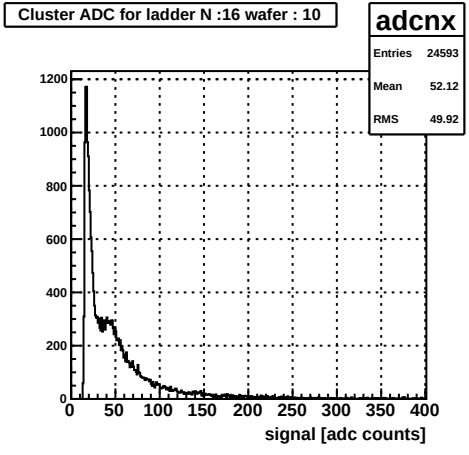

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 26309
Mean 52.02
RMS 52.14
signal [adc counts]

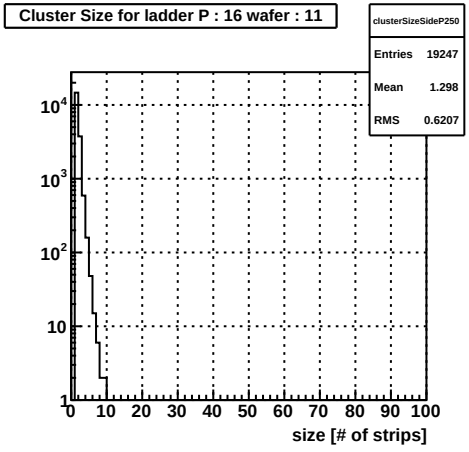

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 24606
Mean 1.24
RMS 0.5713
size [# of strips]

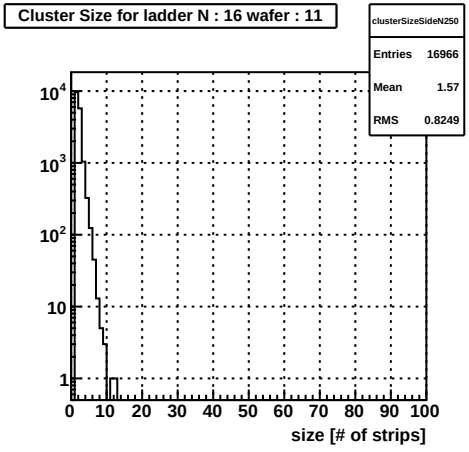

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 24593
Mean 1.431
RMS 0.7821
size [# of strips]

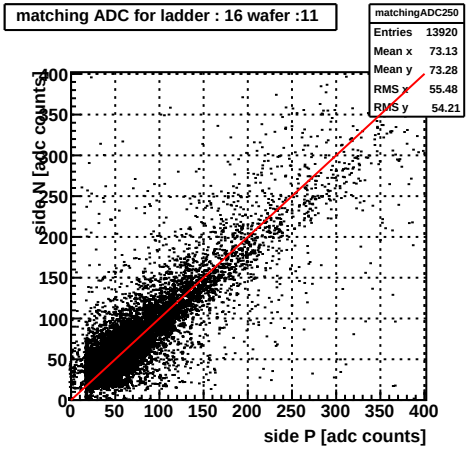

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13827
Mean x 64.36
Mean y 65.76
RMS x 52.71
RMS y 54.35
side N [adc counts]
side P [adc counts]

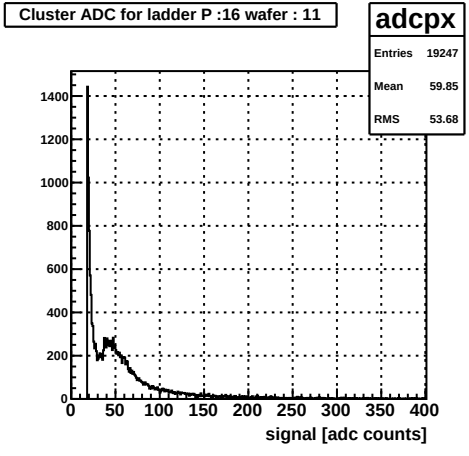

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 24606
Mean 52.43
RMS 51.46
signal [adc counts]

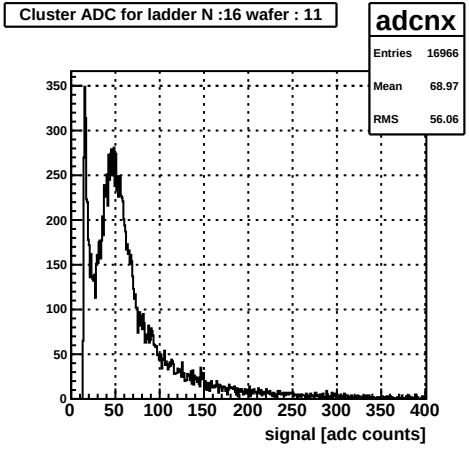

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 24593
Mean 52.12
RMS 49.92
signal [adc counts]

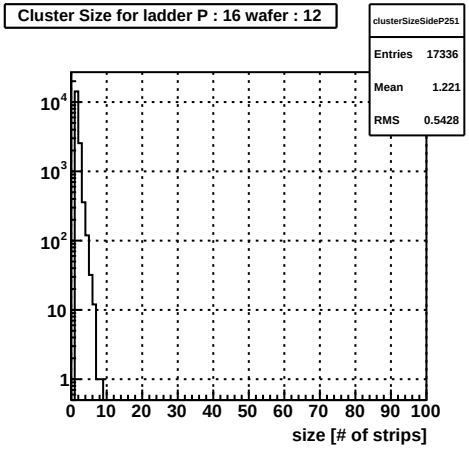

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 19247
Mean 1.298
RMS 0.6207
size [# of strips]

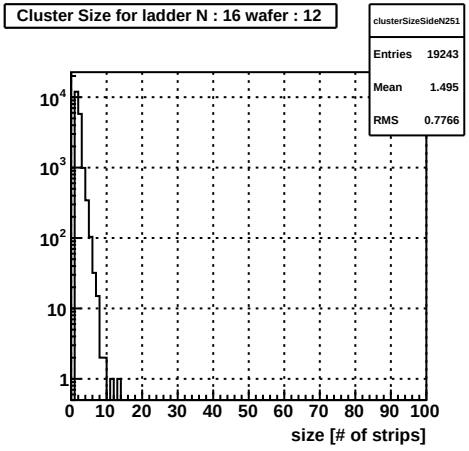

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 16966
Mean 1.57
RMS 0.8249
size [# of strips]

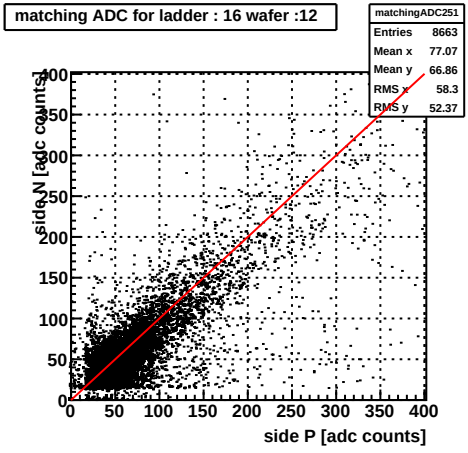

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 13920
Mean x 73.13
Mean y 73.28
RMS x 55.48
RMS y 54.21
side N [adc counts]
side P [adc counts]

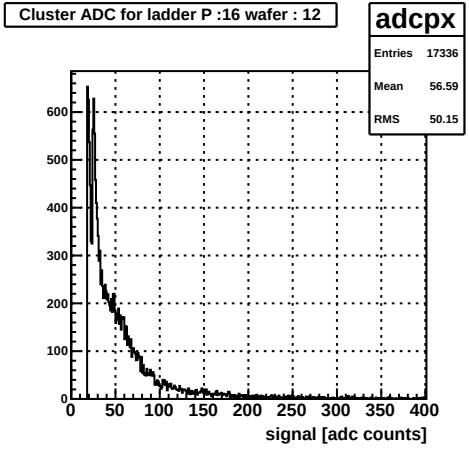

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 19247
Mean 59.85
RMS 53.68
signal [adc counts]

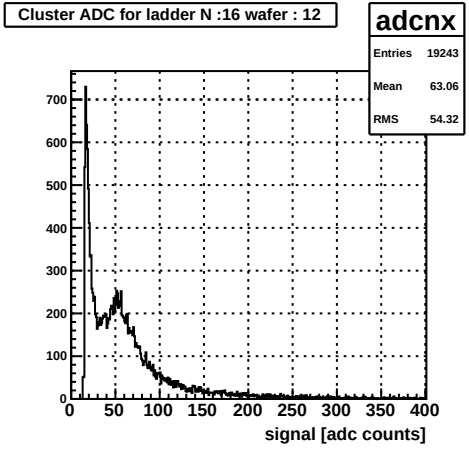

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 16966
Mean 68.97
RMS 56.06
signal [adc counts]

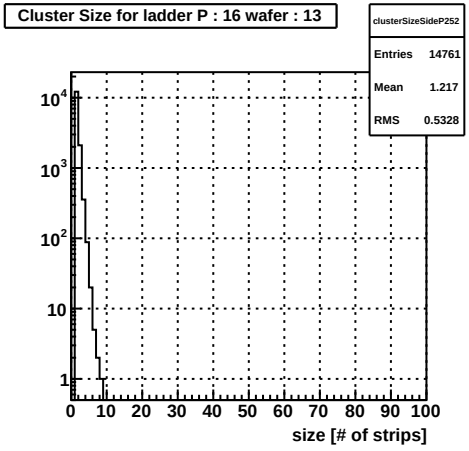

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 17336
Mean 1.221
RMS 0.5428
size [# of strips]

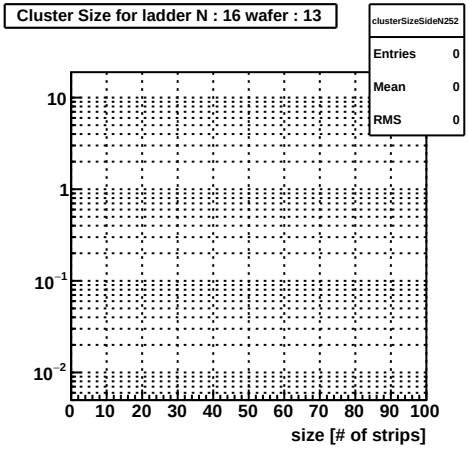

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 19243
Mean 1.495
RMS 0.7766
size [# of strips]

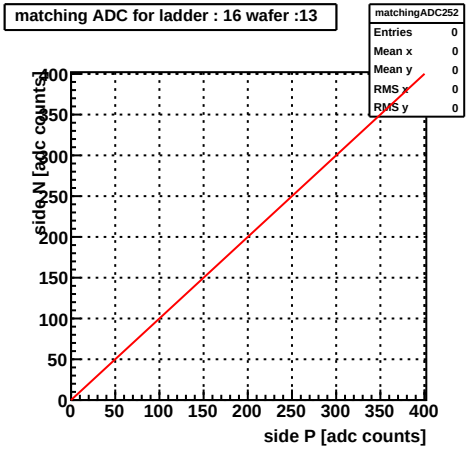

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 8663
Mean x 77.07
Mean y 66.86
RMS x 58.3
RMS y 52.37
side N [adc counts]
side P [adc counts]

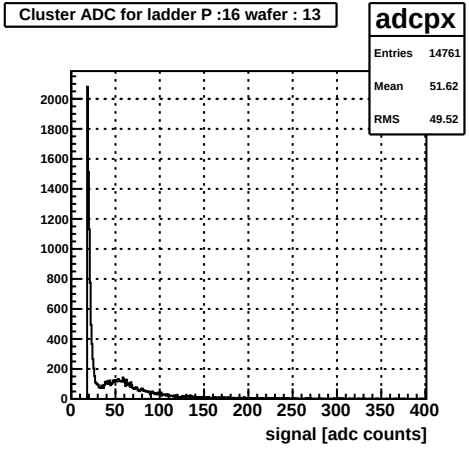

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 17336
Mean 56.59
RMS 50.15
signal [adc counts]

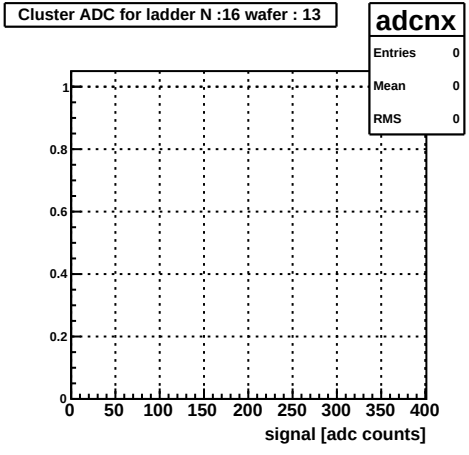

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 19243
Mean 63.06
RMS 54.32
signal [adc counts]

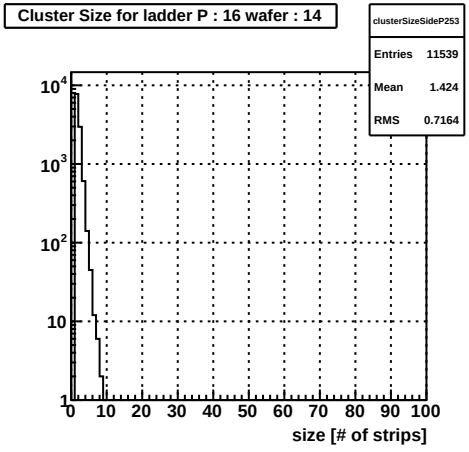

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 14761
Mean 1.217
RMS 0.5328
size [# of strips]

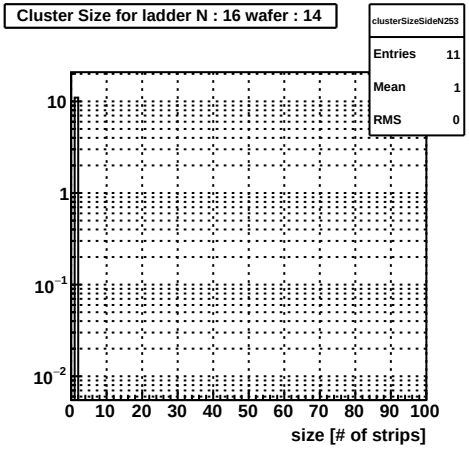

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

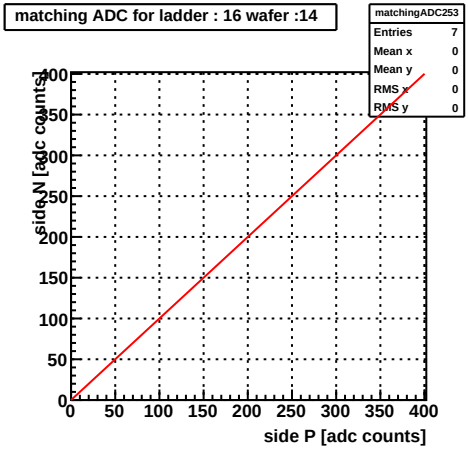

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

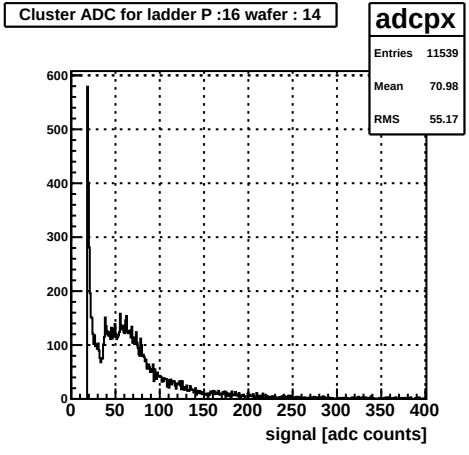

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 14761
Mean 51.62
RMS 49.52
signal [adc counts]

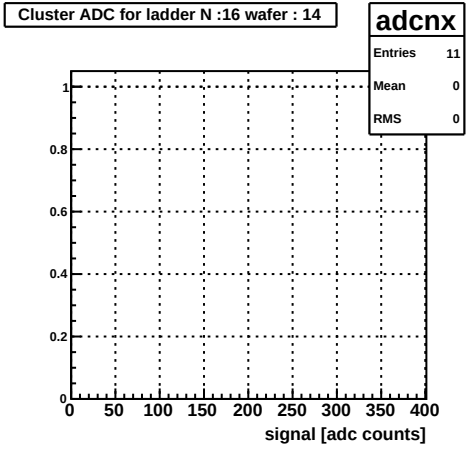

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

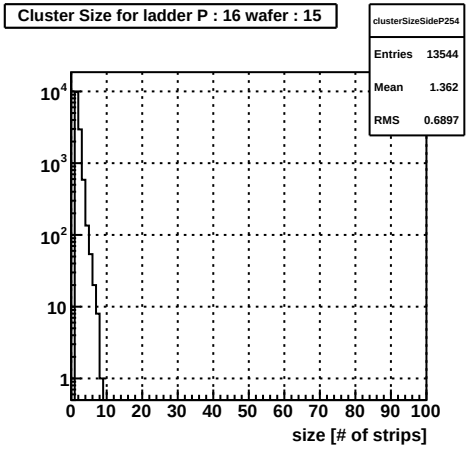

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 11539
Mean 1.424
RMS 0.7164
size [# of strips]

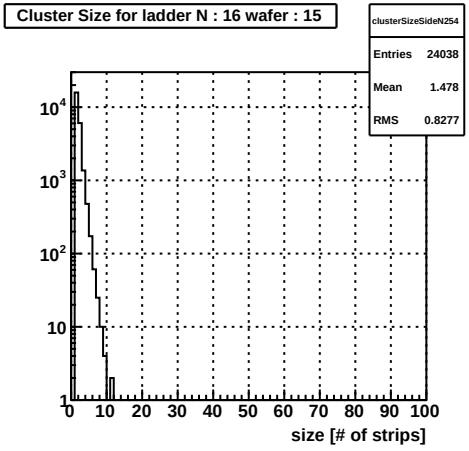

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 11
Mean 1
RMS 0
size [# of strips]

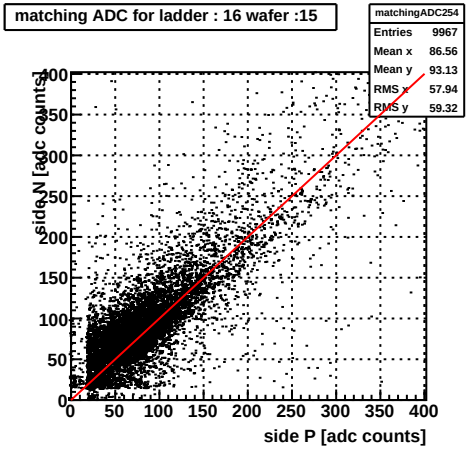

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

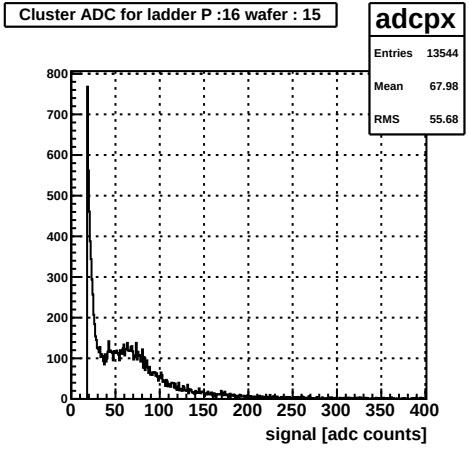

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 11539
Mean 70.98
RMS 55.17
signal [adc counts]

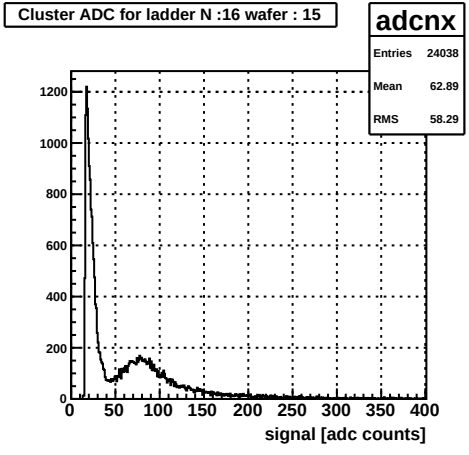

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 11
Mean 0
RMS 0
signal [adc counts]

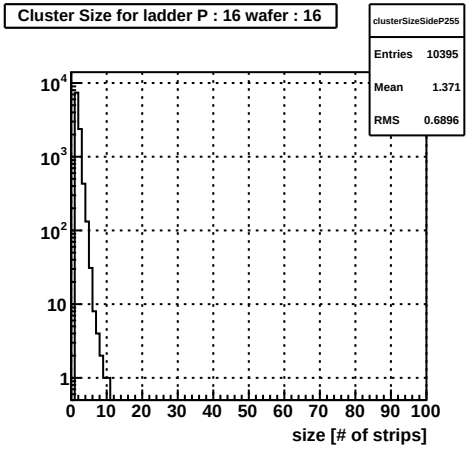

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 13544
Mean 1.362
RMS 0.6897
size [# of strips]

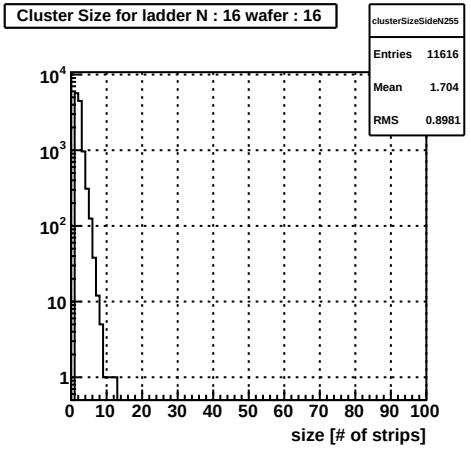

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 24038
Mean 1.478
RMS 0.8277
size [# of strips]

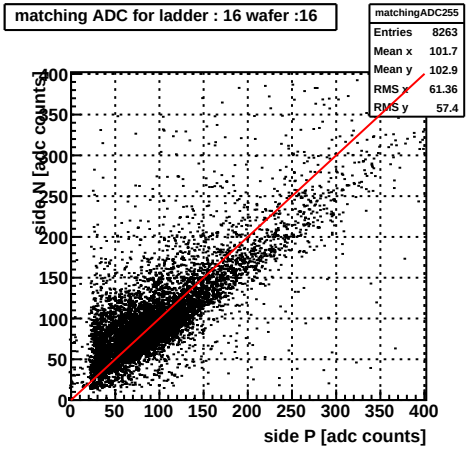

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 9967
Mean x 86.56
Mean y 93.13
RMS x 57.94
RMS y 59.32
side N [adc counts]
side P [adc counts]

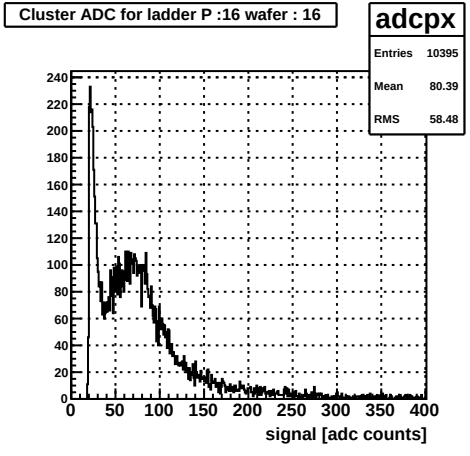

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 13544
Mean 67.98
RMS 55.68
signal [adc counts]

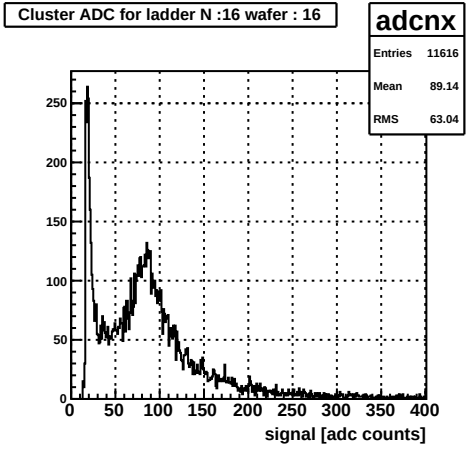

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 24038
Mean 62.89
RMS 58.29
signal [adc counts]

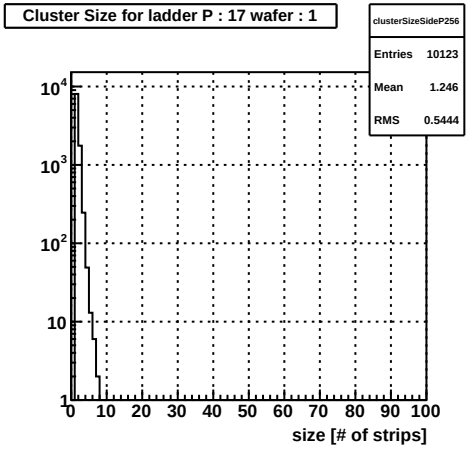

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10395
Mean 1.371
RMS 0.6896
size [# of strips]

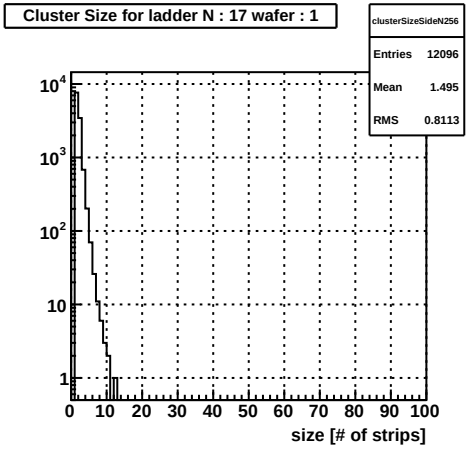

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 11616
Mean 1.704
RMS 0.8981
size [# of strips]

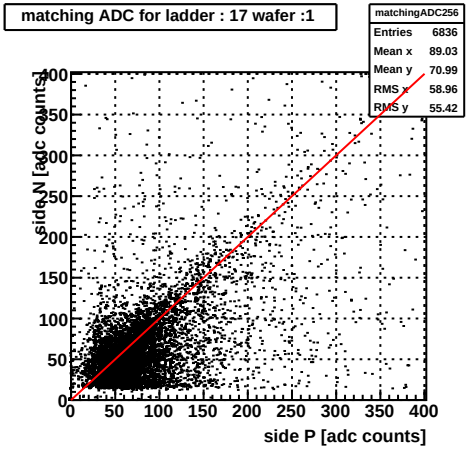

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8263
Mean x 101.7
Mean y 102.9
RMS x 61.36
RMS y 57.4
side N [adc counts]
side P [adc counts]

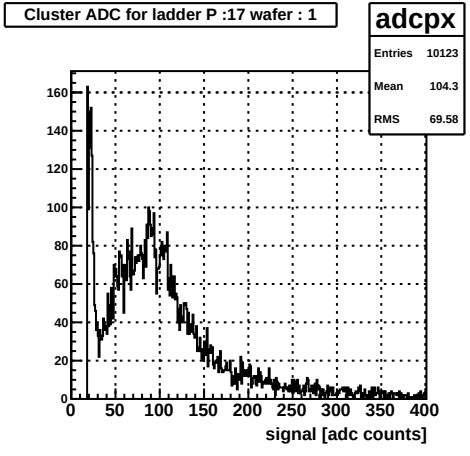

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10395
Mean 80.39
RMS 58.48
signal [adc counts]

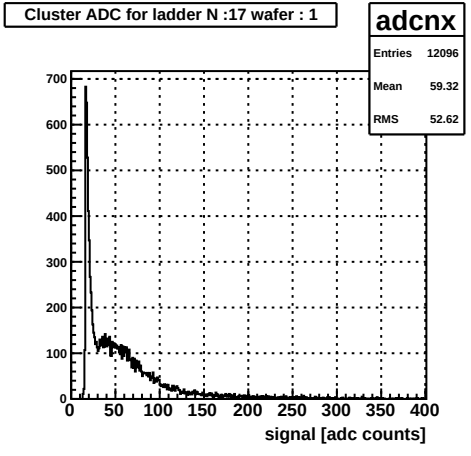

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 11616
Mean 89.14
RMS 63.04
signal [adc counts]

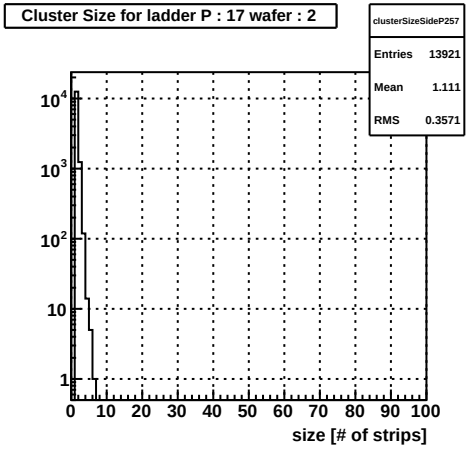

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 10123
Mean 1.246
RMS 0.5444
size [# of strips]

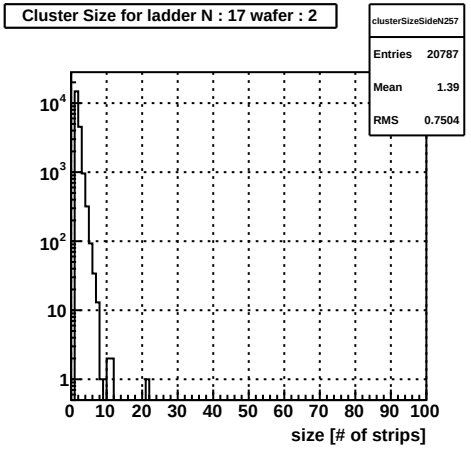

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12096
Mean 1.495
RMS 0.8113
size [# of strips]

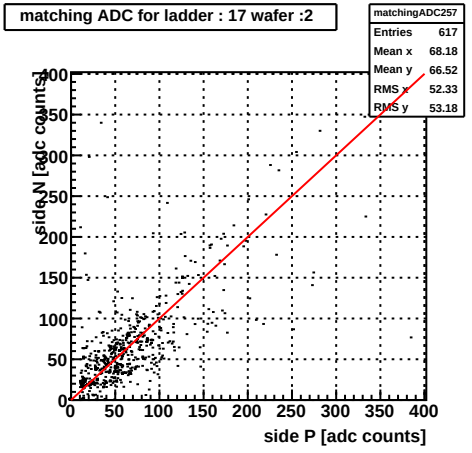

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 6836
Mean x 89.03
Mean y 70.99
RMS x 58.96
RMS y 55.42
side N [adc counts]
side P [adc counts]

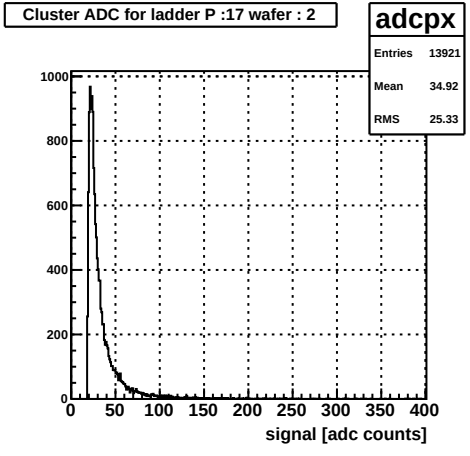

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 10123
Mean 104.3
RMS 69.58
signal [adc counts]

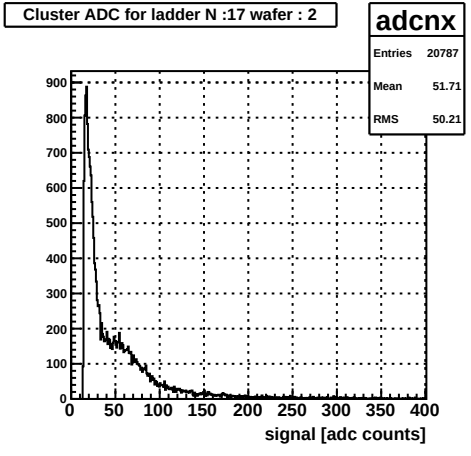

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12096
Mean 59.32
RMS 52.62
signal [adc counts]

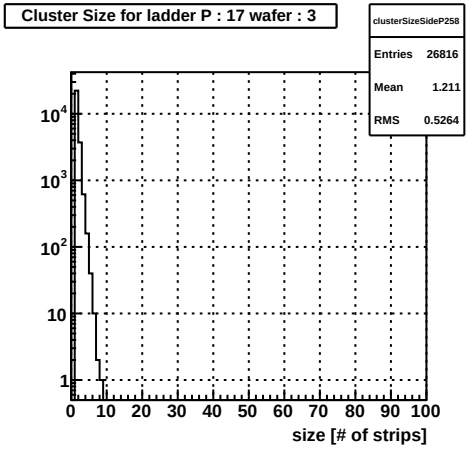

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 13921
Mean 1.111
RMS 0.3571
size [# of strips]

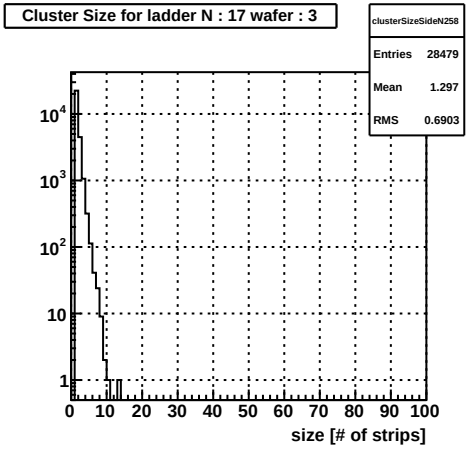

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 20787
Mean 1.39
RMS 0.7504
size [# of strips]

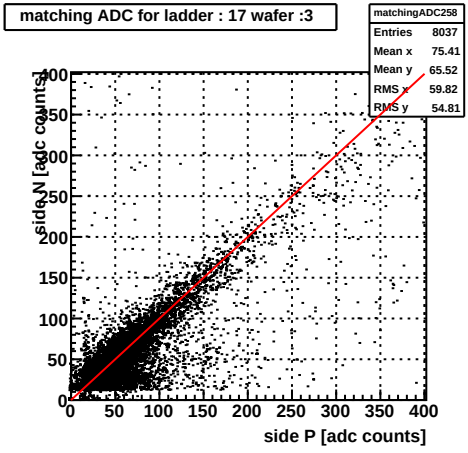

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 617
Mean x 68.18
Mean y 66.52
RMS x 52.33
RMS y 53.18
side N [adc counts]
side P [adc counts]

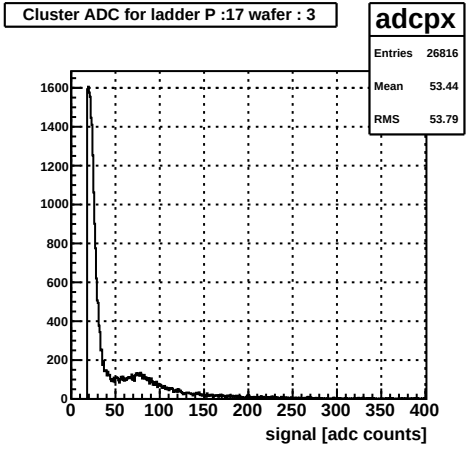

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 13921
Mean 34.92
RMS 25.33
signal [adc counts]

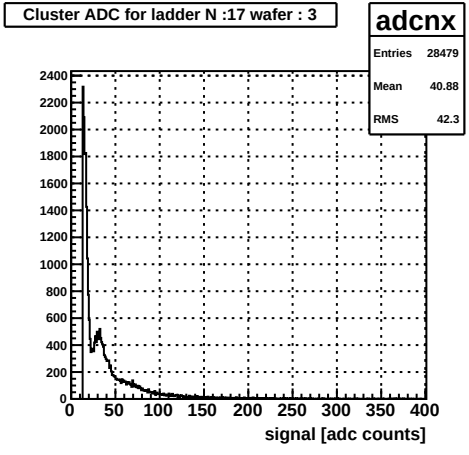

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 20787
Mean 51.71
RMS 50.21
signal [adc counts]

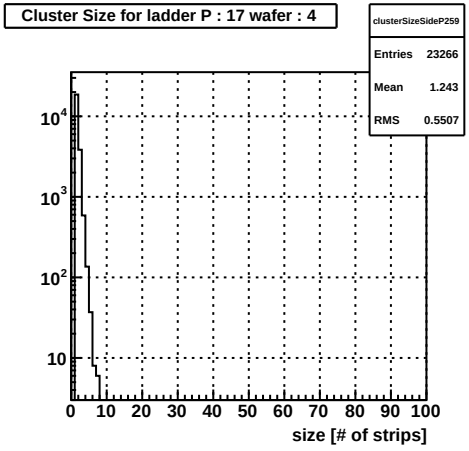

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 26816
Mean 1.211
RMS 0.5264
size [# of strips]

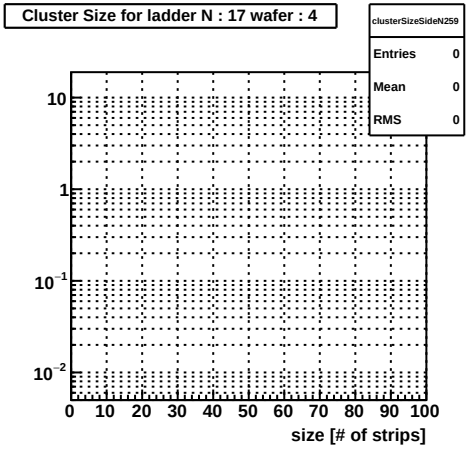

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 28479
Mean 1.297
RMS 0.6903
size [# of strips]

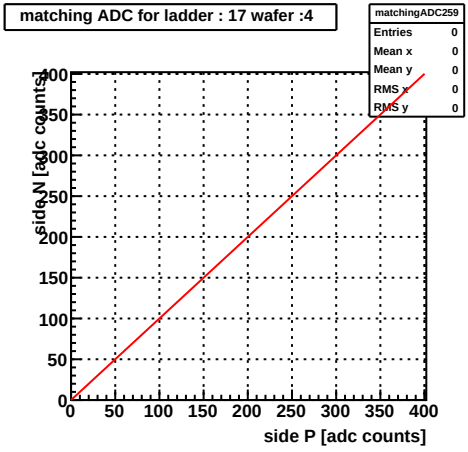

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8037
Mean x 75.41
Mean y 65.52
RMS x 59.82
RMS y 54.81
side N [adc counts]
side P [adc counts]

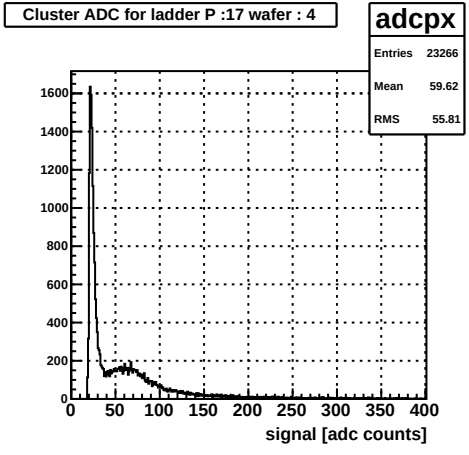

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 26816
Mean 53.44
RMS 53.79
signal [adc counts]

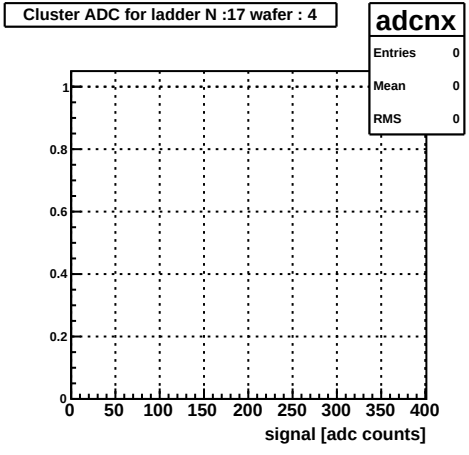

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 28479
Mean 40.88
RMS 42.3
signal [adc counts]

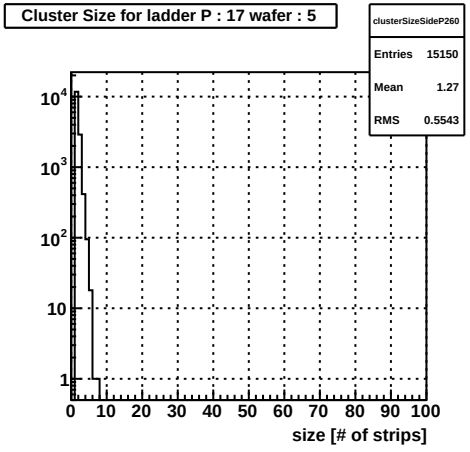

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 23266
Mean 1.243
RMS 0.5507
size [# of strips]

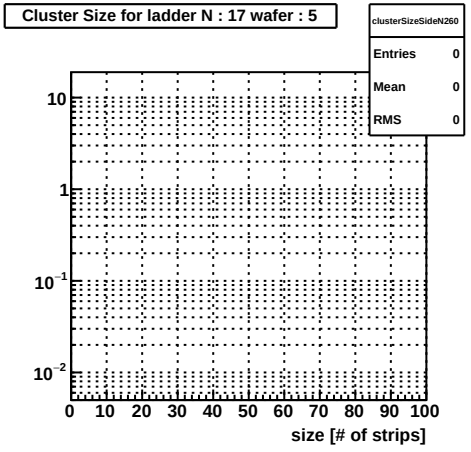

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

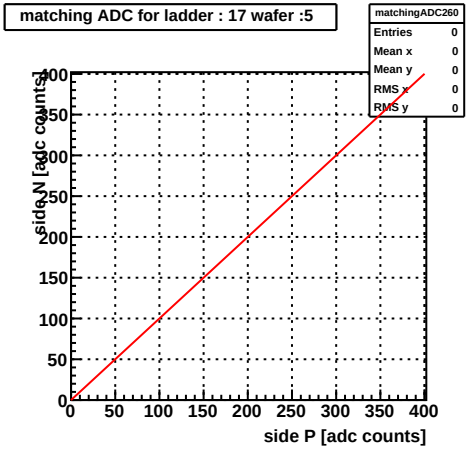

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

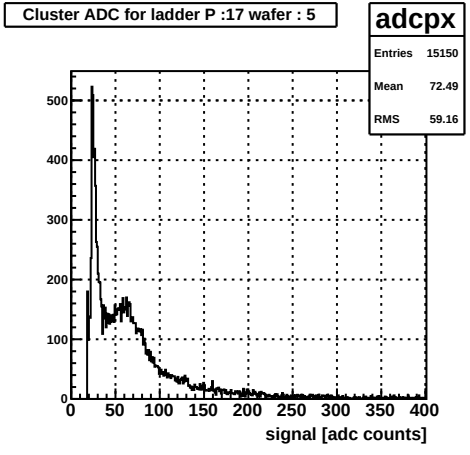

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 23266
Mean 59.62
RMS 55.81
signal [adc counts]

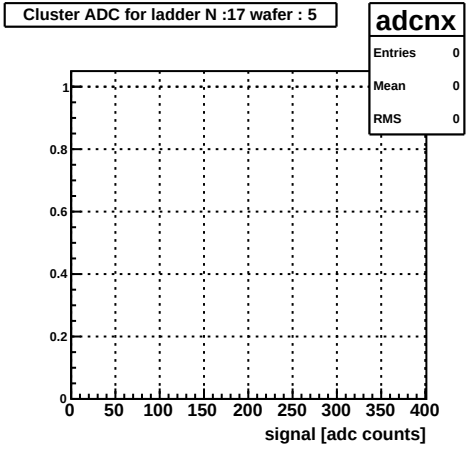

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

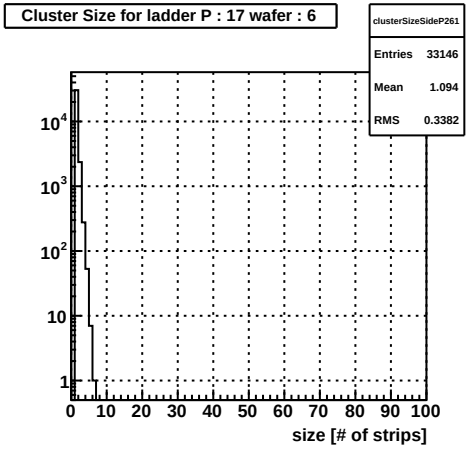

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 15150
Mean 1.27
RMS 0.5543
size [# of strips]

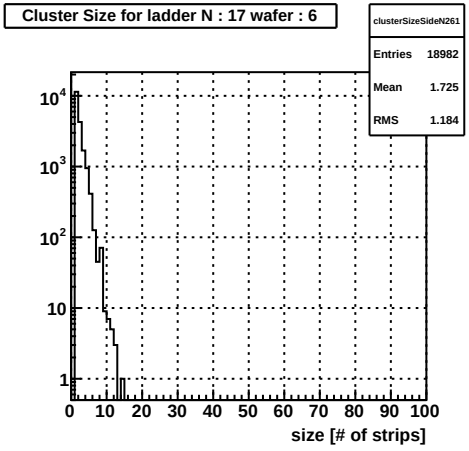

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

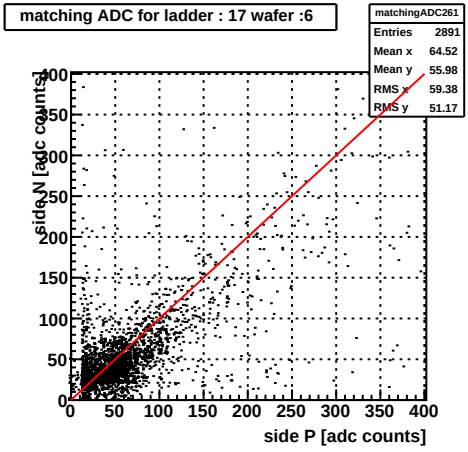

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

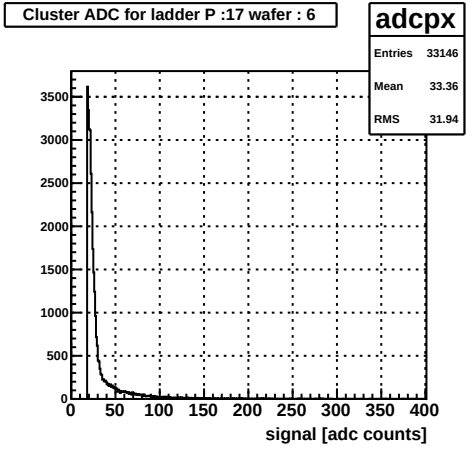

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 15150
Mean 72.49
RMS 59.16
signal [adc counts]

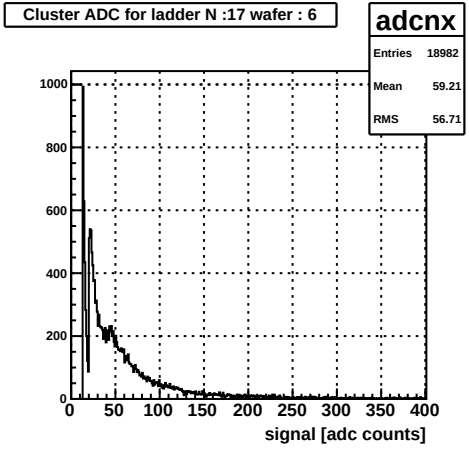

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

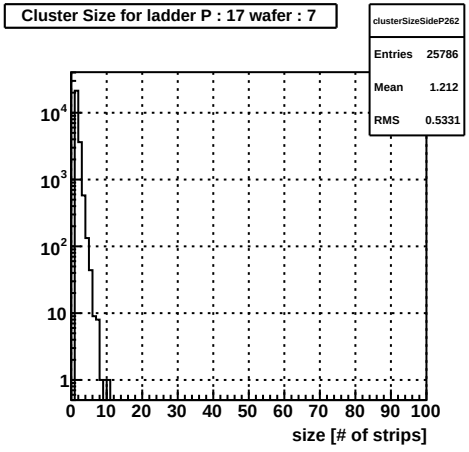

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 33146
Mean 1.094
RMS 0.3382
size [# of strips]

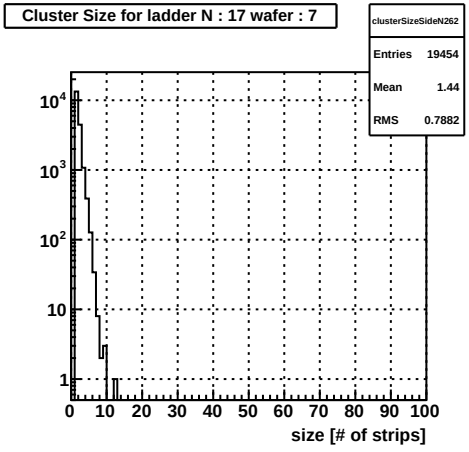

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 18982
Mean 1.725
RMS 1.184
size [# of strips]

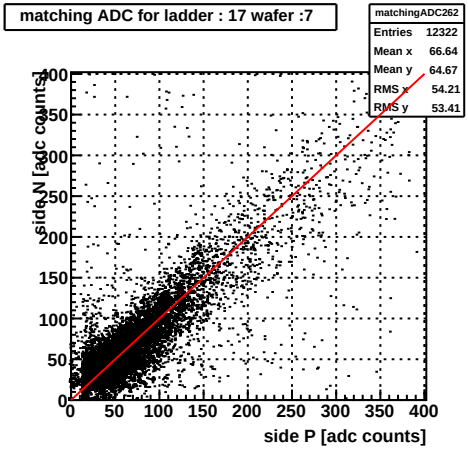

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2891
Mean x 64.52
Mean y 55.98
RMS x 59.38
RMS y 51.17
side N [adc counts]
side P [adc counts]

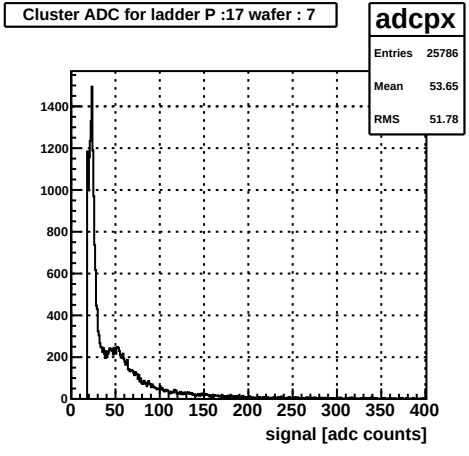

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 33146
Mean 33.36
RMS 31.94
signal [adc counts]

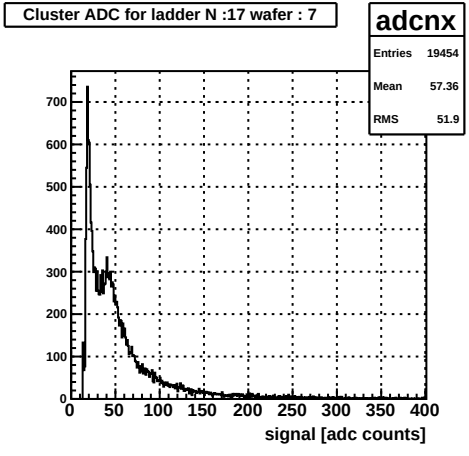

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 18982
Mean 59.21
RMS 56.71
signal [adc counts]

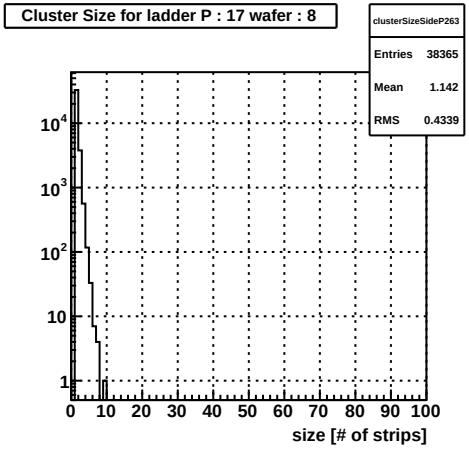

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 25786
Mean 1.212
RMS 0.5331
size [# of strips]

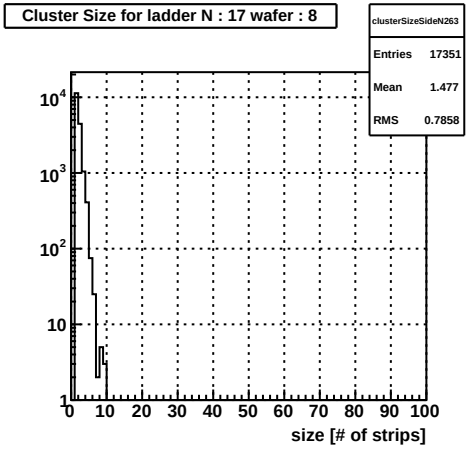

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 19454
Mean 1.44
RMS 0.7882
size [# of strips]

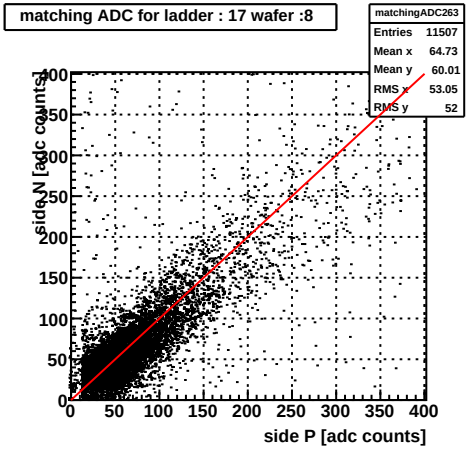

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12322
Mean x 66.64
Mean y 64.67
RMS x 54.21
RMS y 53.41
side N [adc counts]
side P [adc counts]

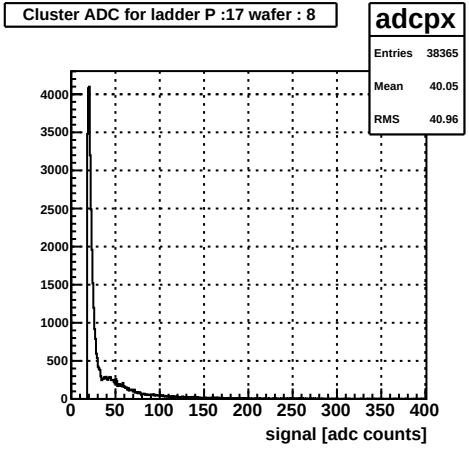

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 25786
Mean 53.65
RMS 51.78
signal [adc counts]

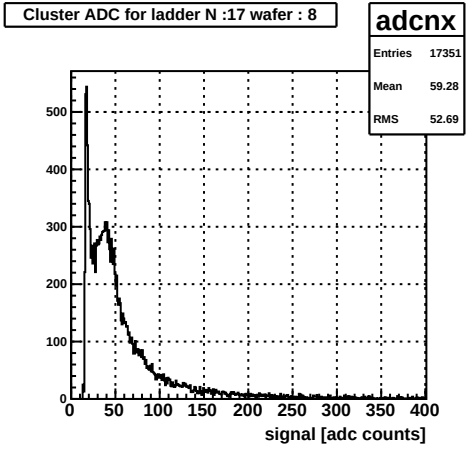

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 19454
Mean 57.36
RMS 51.9
signal [adc counts]

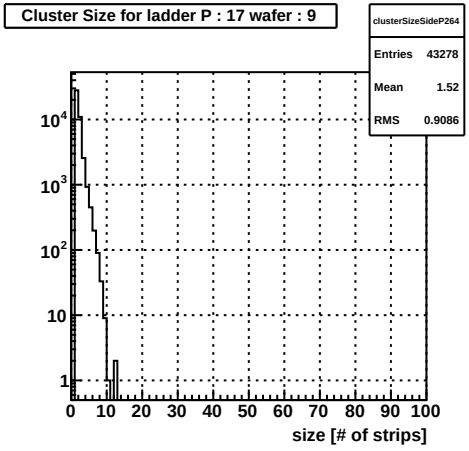

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 38365
Mean 1.142
RMS 0.4339
size [# of strips]

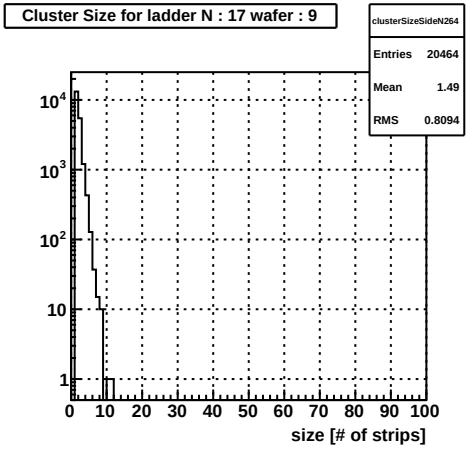

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 17351
Mean 1.477
RMS 0.7858
size [# of strips]

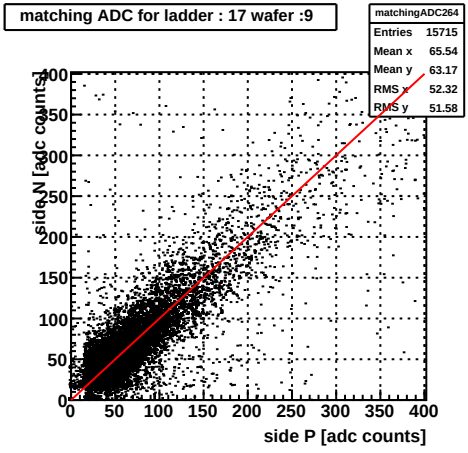

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11507
Mean x 64.73
Mean y 60.01
RMS x 53.05
RMS y 52
side N [adc counts]
side P [adc counts]

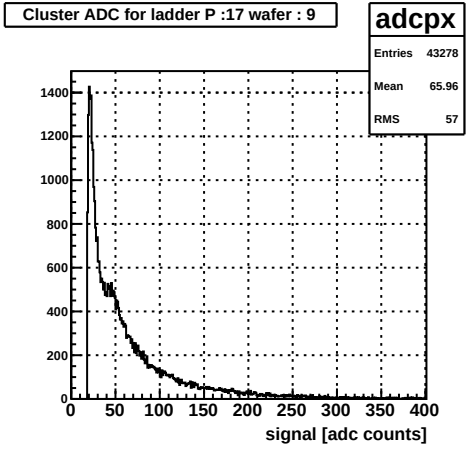

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 38365
Mean 40.05
RMS 40.96
signal [adc counts]

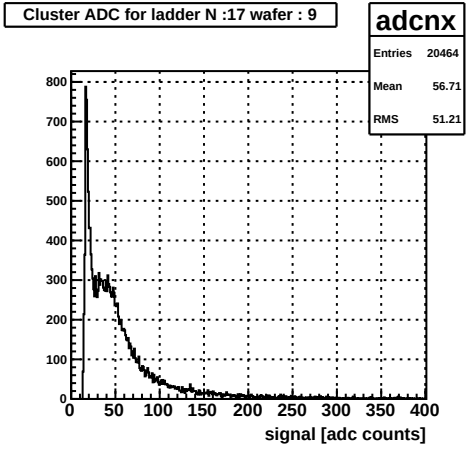

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 17351
Mean 59.28
RMS 52.69
signal [adc counts]

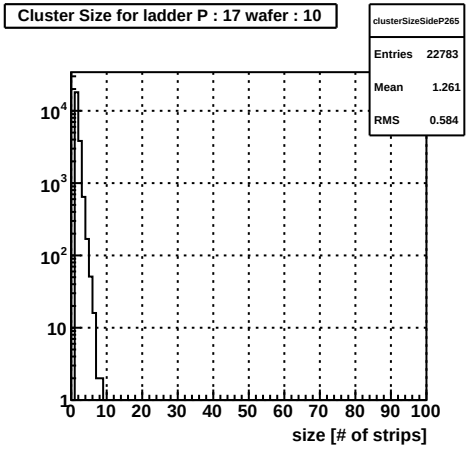

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 43278
Mean 1.52
RMS 0.9086
size [# of strips]

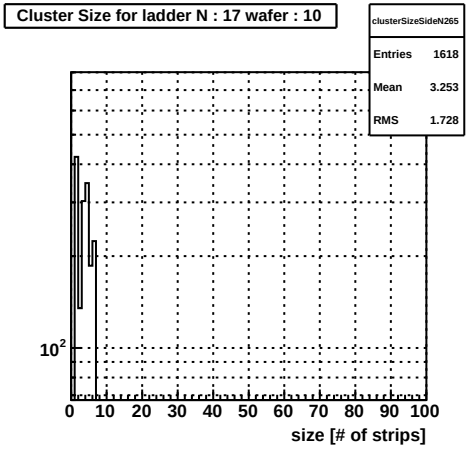

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 20464
Mean 1.49
RMS 0.8094
size [# of strips]

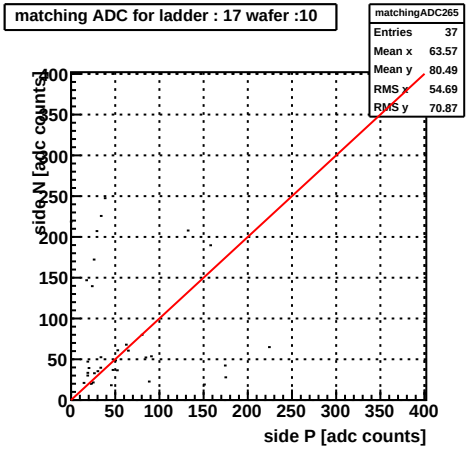

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 15715
Mean x 65.54
Mean y 63.17
RMS x 52.32
RMS y 51.58
side N [adc counts]
side P [adc counts]

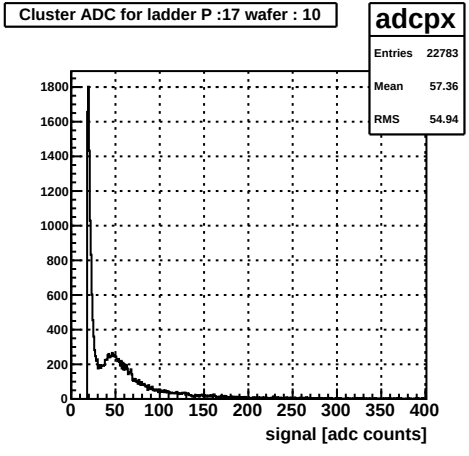

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 43278
Mean 65.96
RMS 57
signal [adc counts]

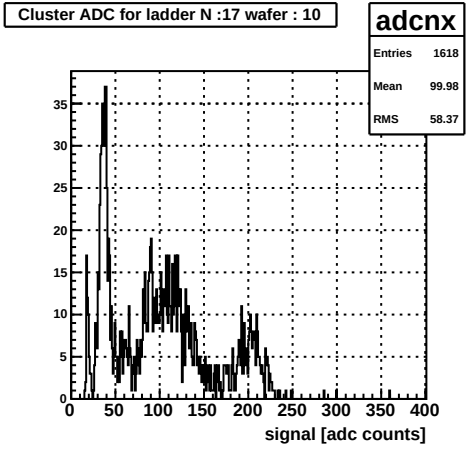

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 20464
Mean 56.71
RMS 51.21
signal [adc counts]

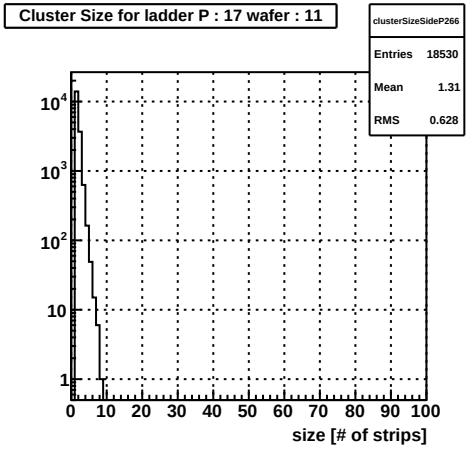

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 22783
Mean 1.261
RMS 0.584
size [# of strips]

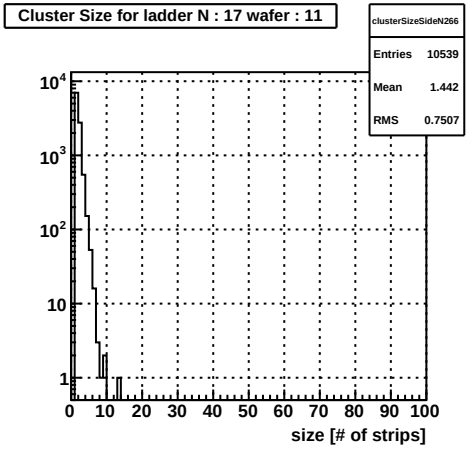

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1618
Mean 3.253
RMS 1.728
size [# of strips]

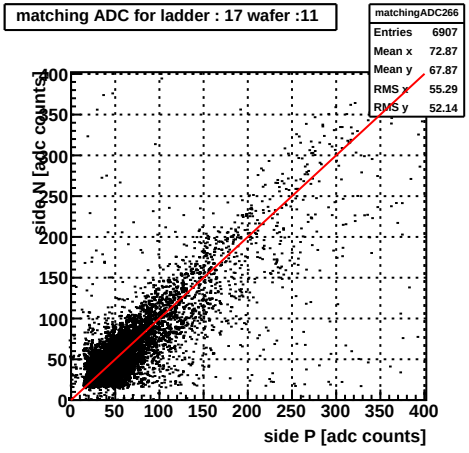

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 37
Mean x 63.57
Mean y 80.49
RMS x 54.69
RMS y 70.87
side N [adc counts]
side P [adc counts]

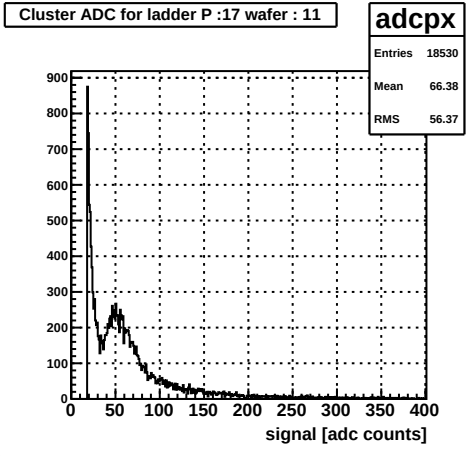

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 22783
Mean 57.36
RMS 54.94
signal [adc counts]

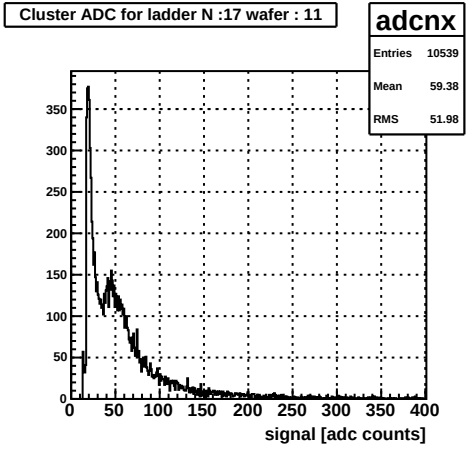

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1618
Mean 99.98
RMS 58.37
signal [adc counts]

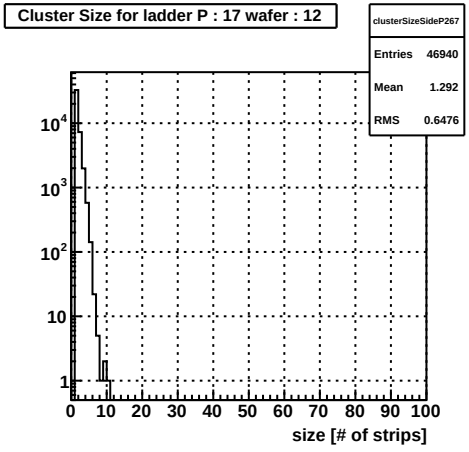

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 18530
Mean 1.31
RMS 0.628
size [# of strips]

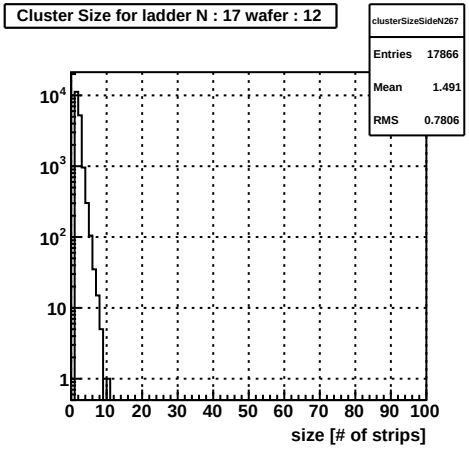

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 10539
Mean 1.442
RMS 0.7507
size [# of strips]

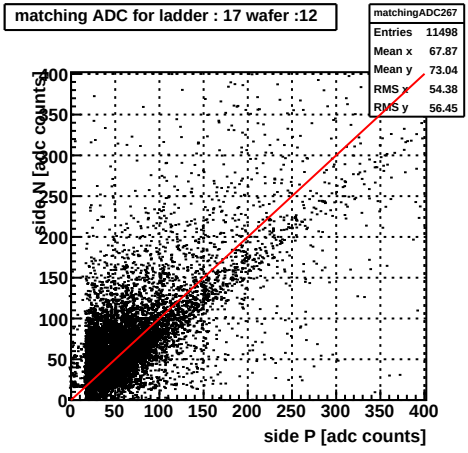

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6907
Mean x 72.87
Mean y 67.87
RMS x 55.29
RMS y 52.14
side N [adc counts]
side P [adc counts]

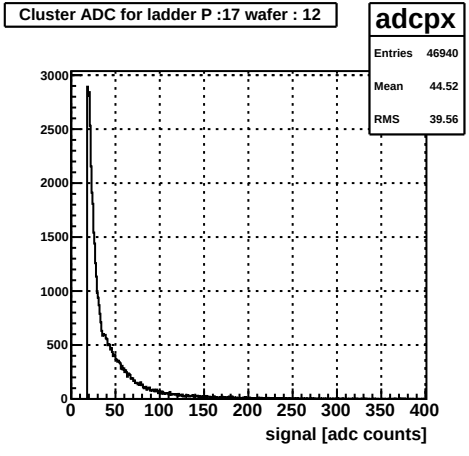

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 18530
Mean 66.38
RMS 56.37
signal [adc counts]

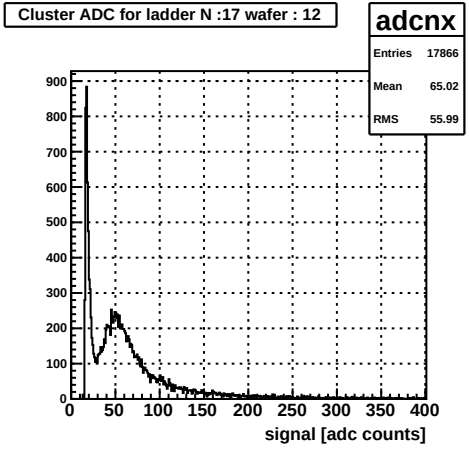

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 10539
Mean 59.38
RMS 51.98
signal [adc counts]

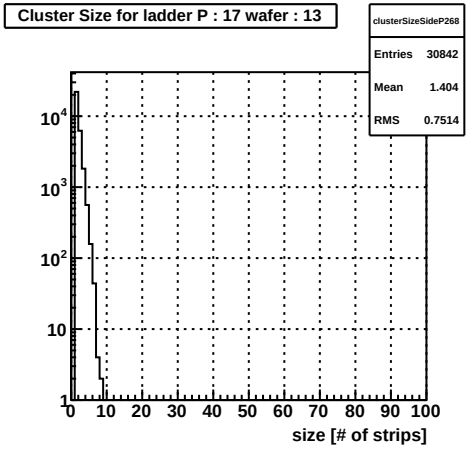

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 46940
Mean 1.292
RMS 0.6476
size [# of strips]

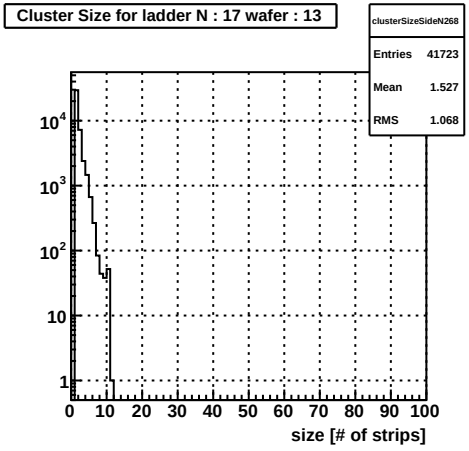

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 17866
Mean 1.491
RMS 0.7806
size [# of strips]

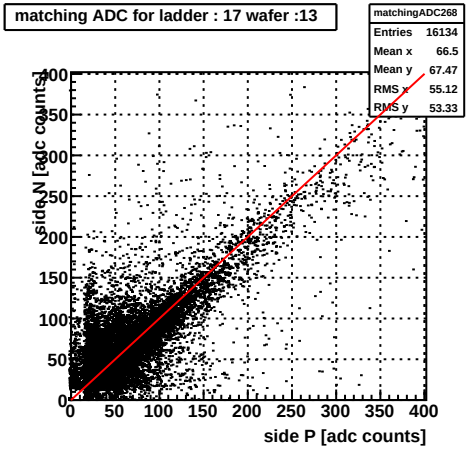

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11498
Mean x 67.87
Mean y 73.04
RMS x 54.38
RMS y 56.45
side N [adc counts]
side P [adc counts]

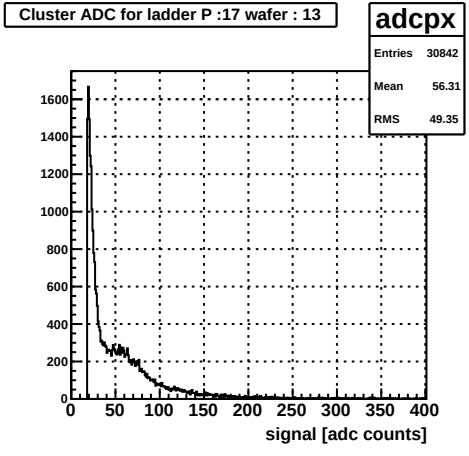

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 46940
Mean 44.52
RMS 39.56
signal [adc counts]

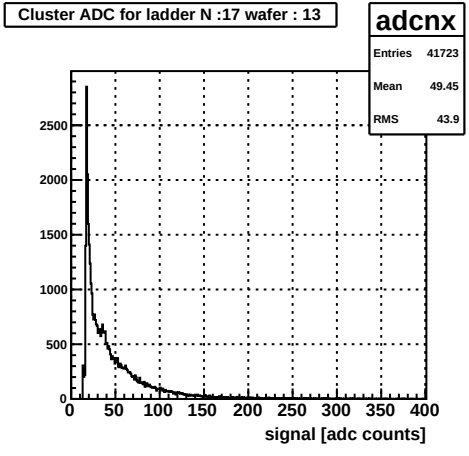

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 17866
Mean 65.02
RMS 55.99
signal [adc counts]

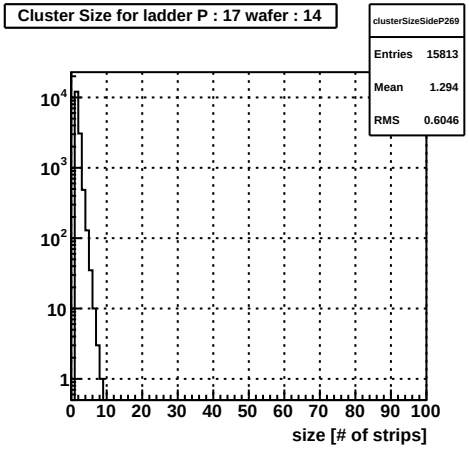

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 30842
Mean 1.404
RMS 0.7514
size [# of strips]

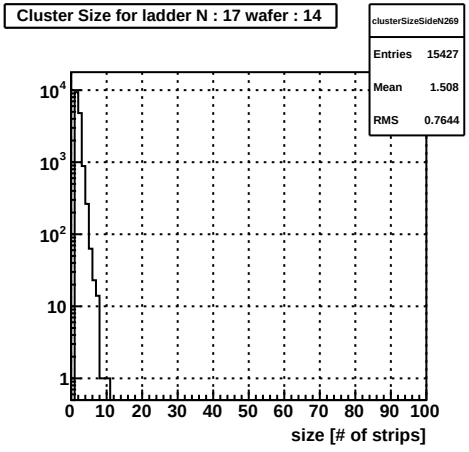

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 41723
Mean 1.527
RMS 1.068
size [# of strips]

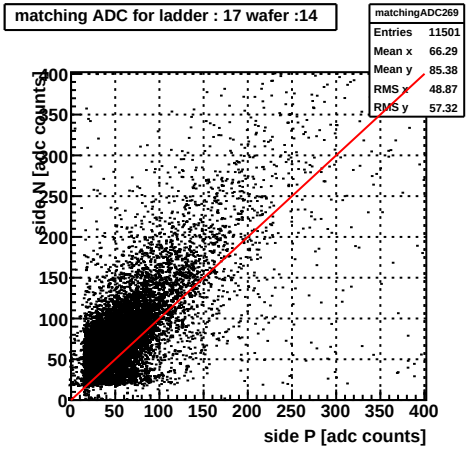

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 16134
Mean x 66.5
Mean y 67.47
RMS x 55.12
RMS y 53.33
side N [adc counts]
side P [adc counts]

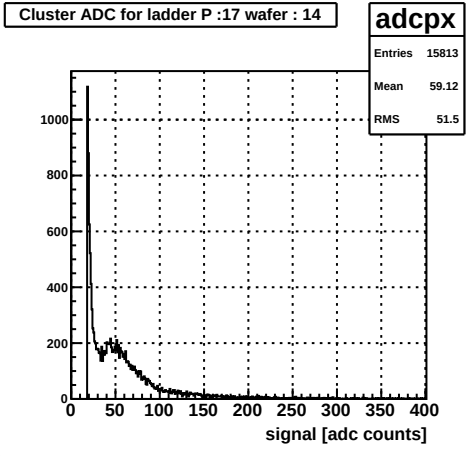

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 30842
Mean 56.31
RMS 49.35
signal [adc counts]

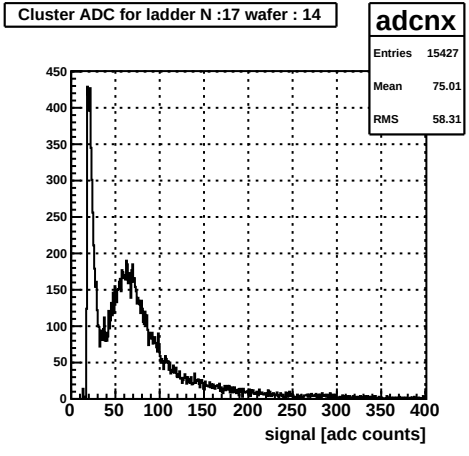

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 41723
Mean 49.45
RMS 43.9
signal [adc counts]

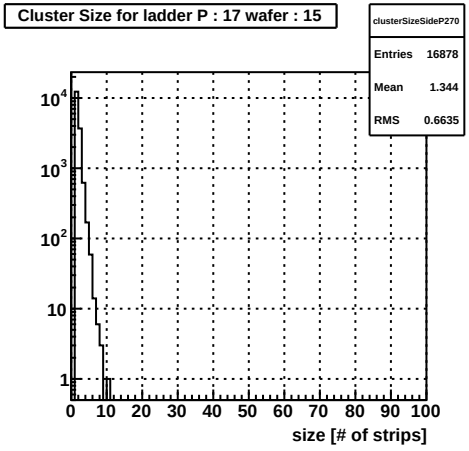

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 15813
Mean 1.294
RMS 0.6046
size [# of strips]

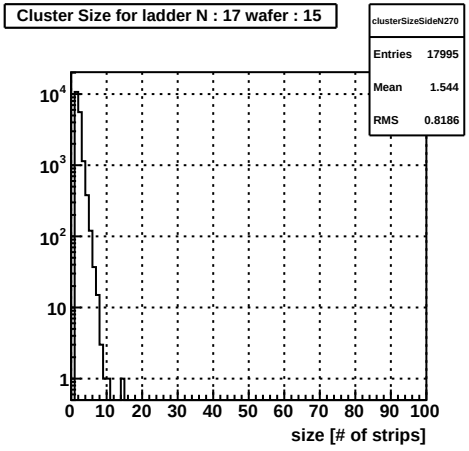

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 15427
Mean 1.508
RMS 0.7644
size [# of strips]

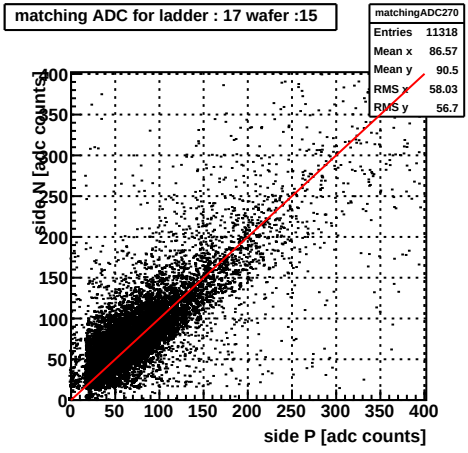

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 11501
Mean x 66.29
Mean y 85.38
RMS x 48.87
RMS y 57.32
side N [adc counts]
side P [adc counts]

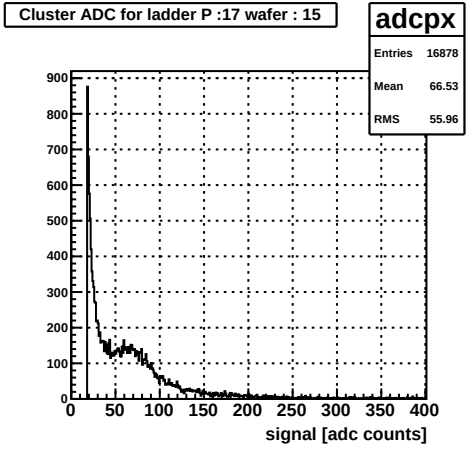

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 15813
Mean 59.12
RMS 51.5
signal [adc counts]

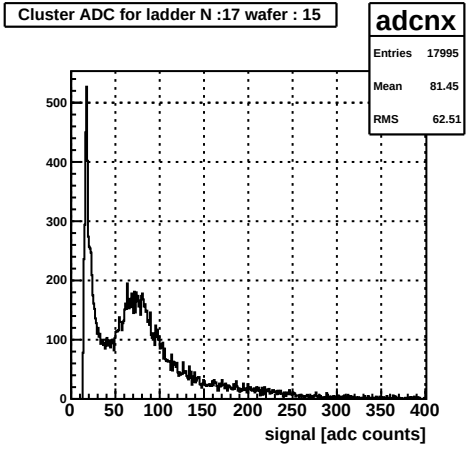

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 15427
Mean 75.01
RMS 58.31
signal [adc counts]

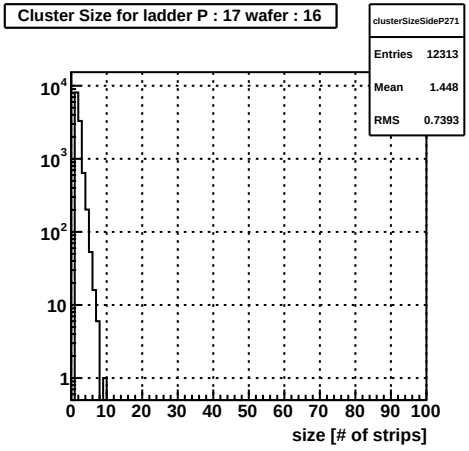

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 16878
Mean 1.344
RMS 0.6635
size [# of strips]

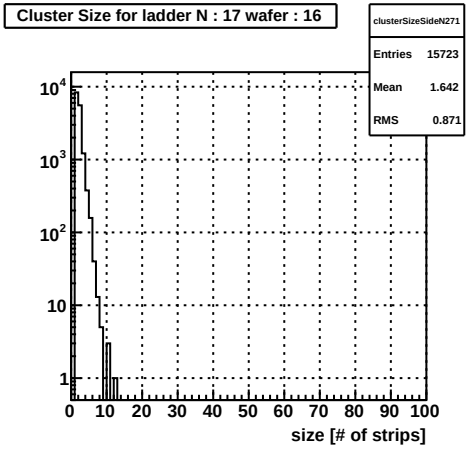

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 17995
Mean 1.544
RMS 0.8186
size [# of strips]

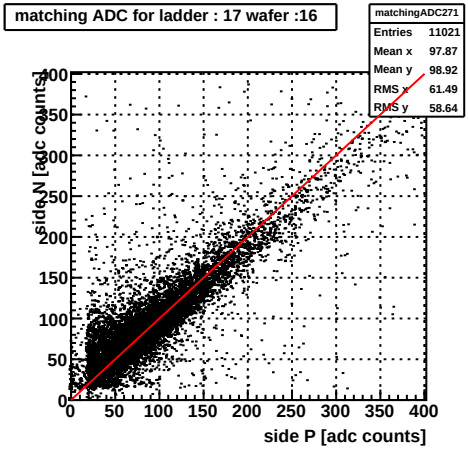

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 11318
Mean x 86.57
Mean y 90.5
RMS x 58.03
RMS y 56.7
side N [adc counts]
side P [adc counts]

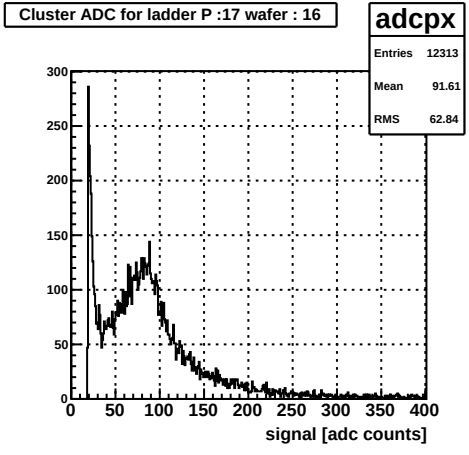

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 16878
Mean 66.53
RMS 55.96
signal [adc counts]

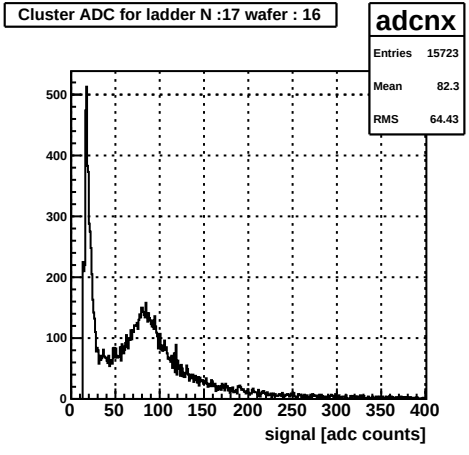

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 17995
Mean 81.45
RMS 62.51
signal [adc counts]

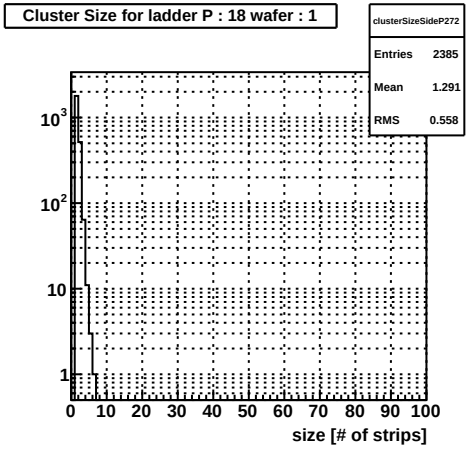

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 12313
Mean 1.448
RMS 0.7393
size [# of strips]

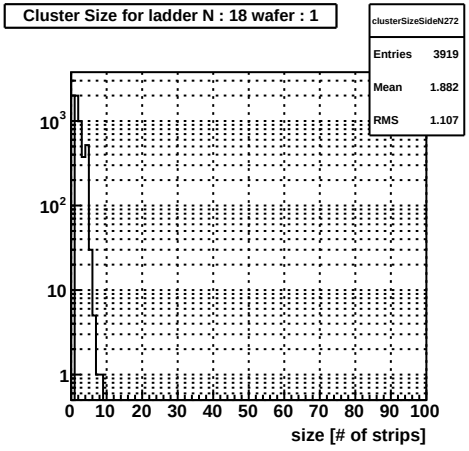

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 15723
Mean 1.642
RMS 0.871
size [# of strips]

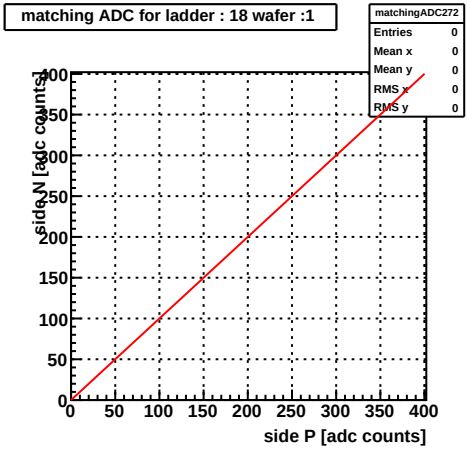

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 11021
Mean x 97.87
Mean y 98.92
RMS x 61.49
RMS y 58.64
side N [adc counts]
side P [adc counts]

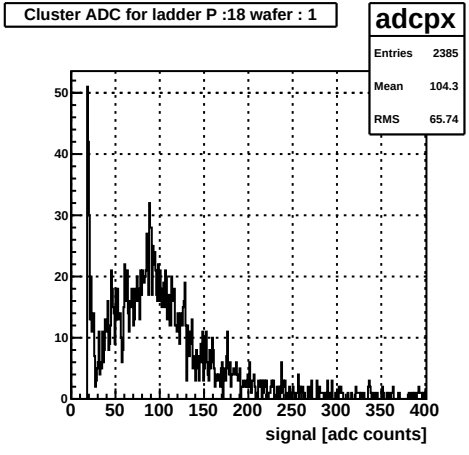

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 12313
Mean 91.61
RMS 62.84
signal [adc counts]

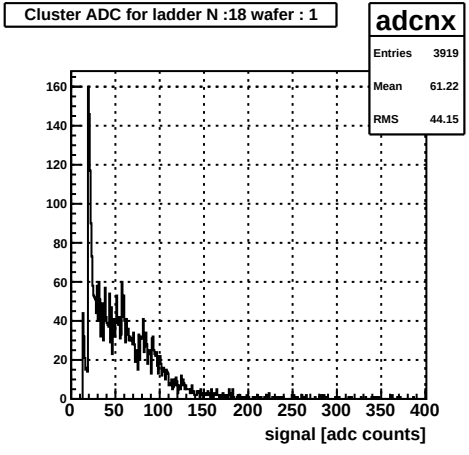

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 15723
Mean 82.3
RMS 64.43
signal [adc counts]

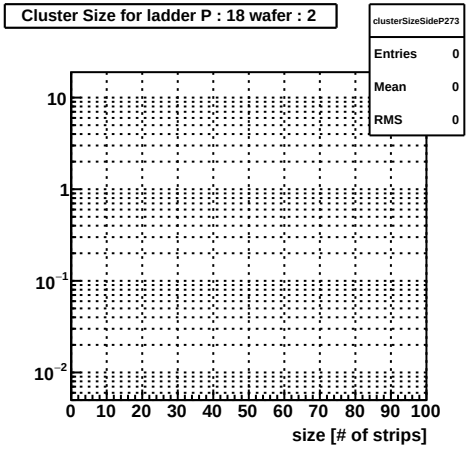

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2385
Mean 1.291
RMS 0.558
size [# of strips]

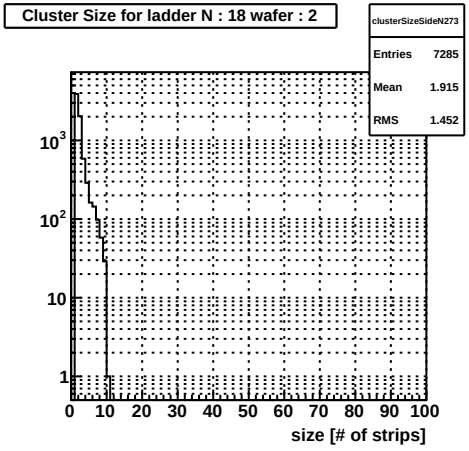

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3919
Mean 1.882
RMS 1.107
size [# of strips]

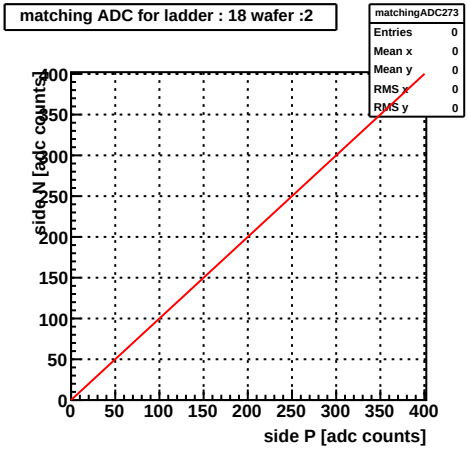

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

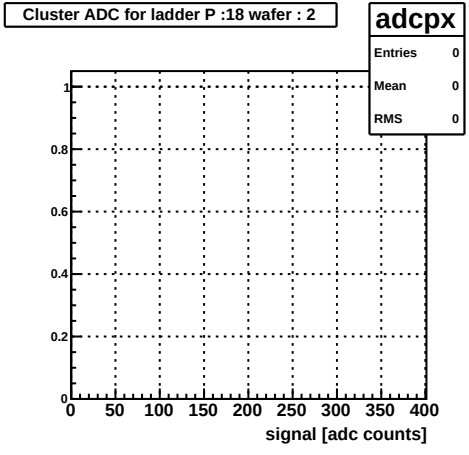

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2385
Mean 104.3
RMS 65.74
signal [adc counts]

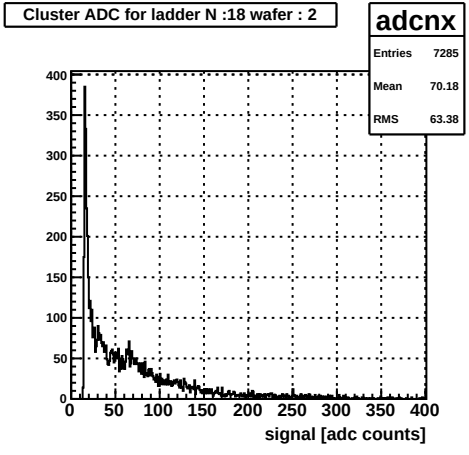

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3919
Mean 61.22
RMS 44.15
signal [adc counts]

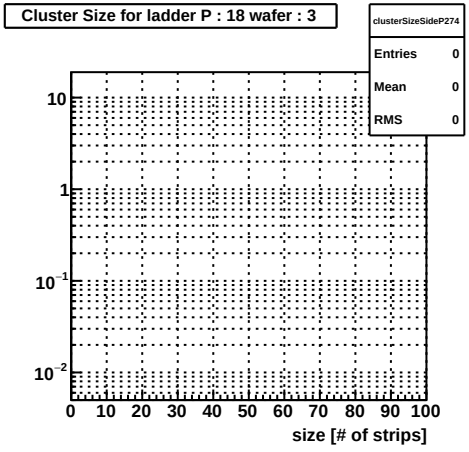

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

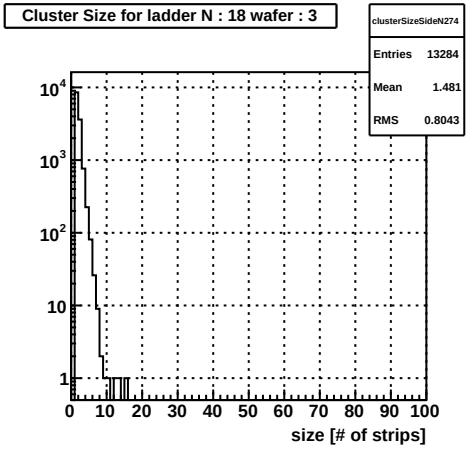

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7285
Mean 1.915
RMS 1.452
size [# of strips]

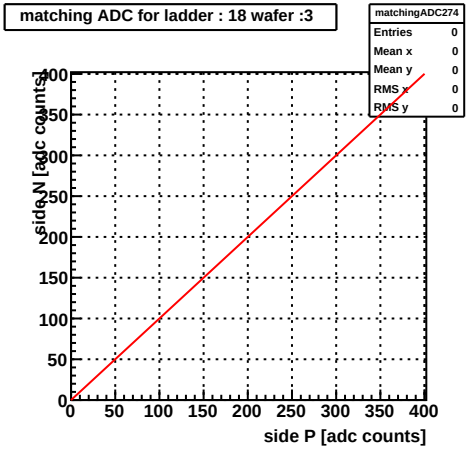

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

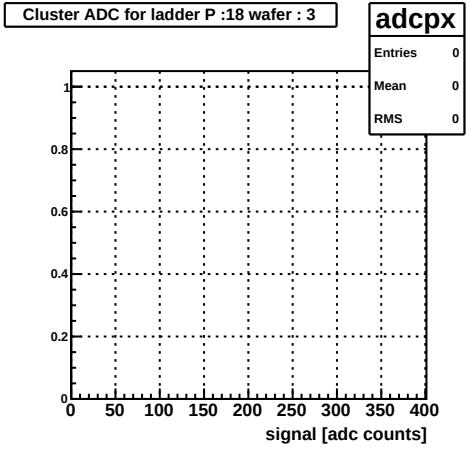

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

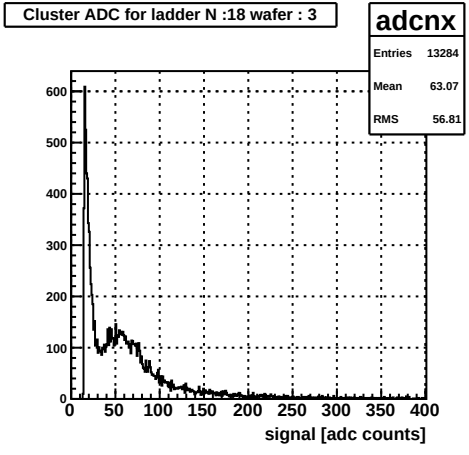

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7285
Mean 70.18
RMS 63.38
signal [adc counts]

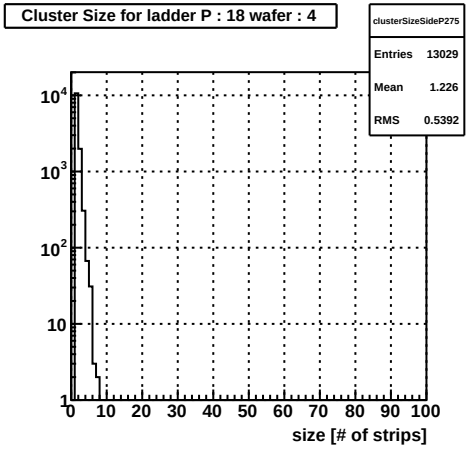

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

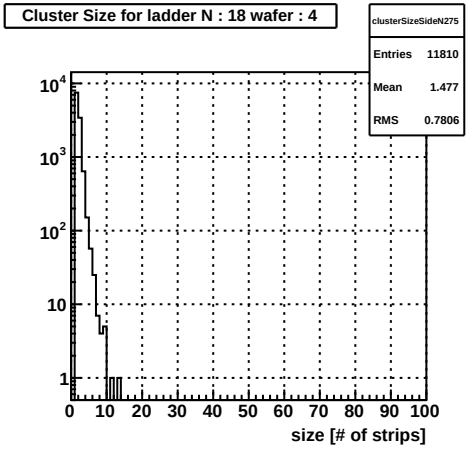

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 13284
Mean 1.481
RMS 0.8043
size [# of strips]

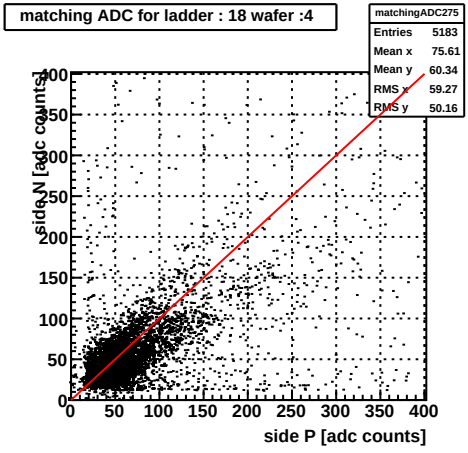

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

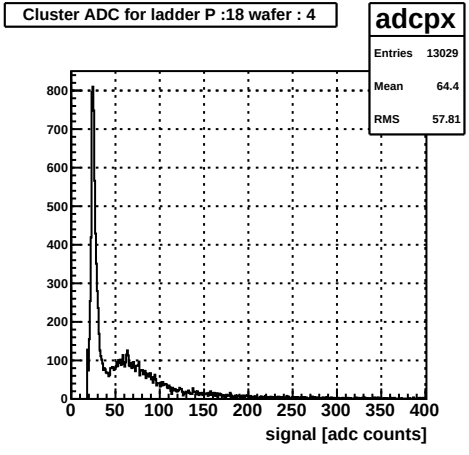

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

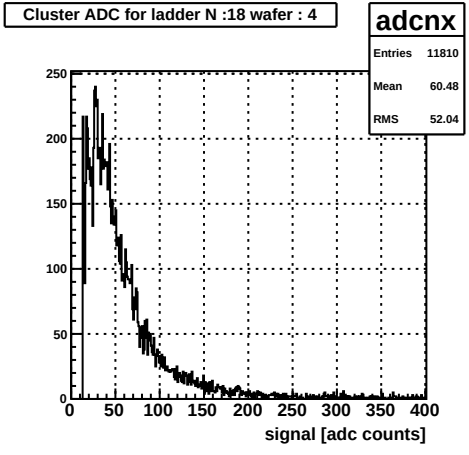

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 13284
Mean 63.07
RMS 56.81
signal [adc counts]

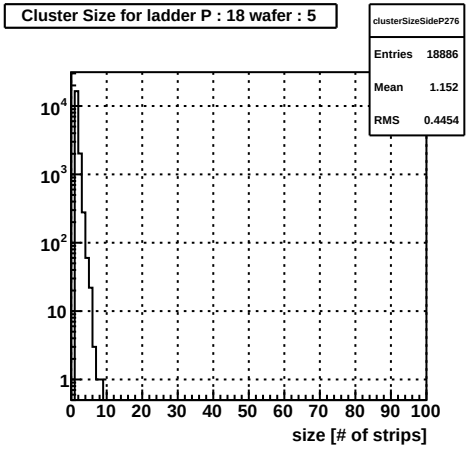

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 13029
Mean 1.226
RMS 0.5392
size [# of strips]

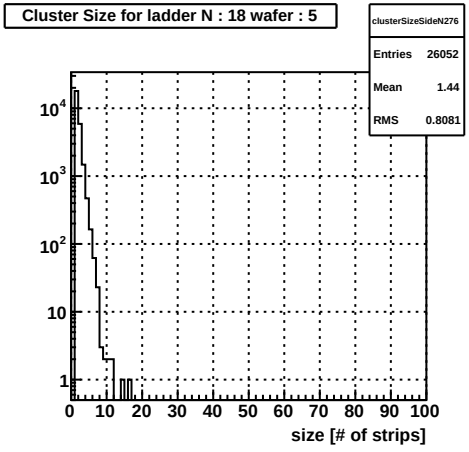

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 11810
Mean 1.477
RMS 0.7806
size [# of strips]

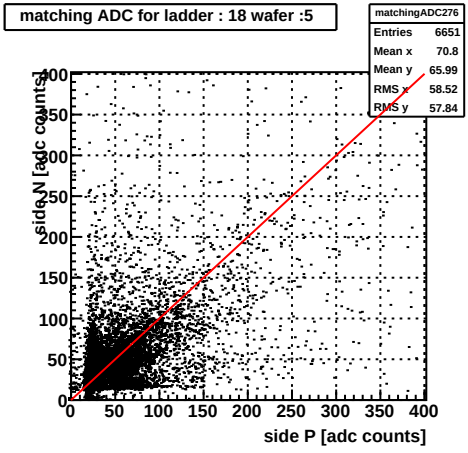

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5183
Mean x 75.61
Mean y 60.34
RMS x 59.27
RMS y 50.16
side N [adc counts]
side P [adc counts]

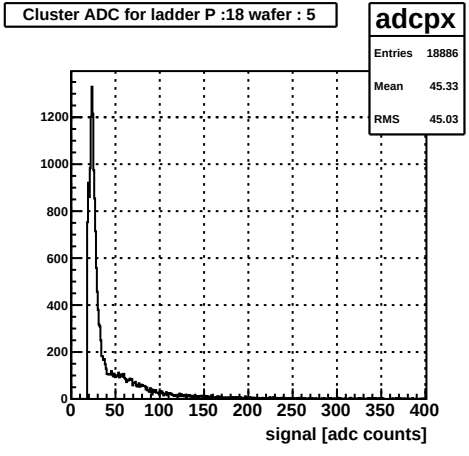

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 13029
Mean 64.4
RMS 57.81
signal [adc counts]

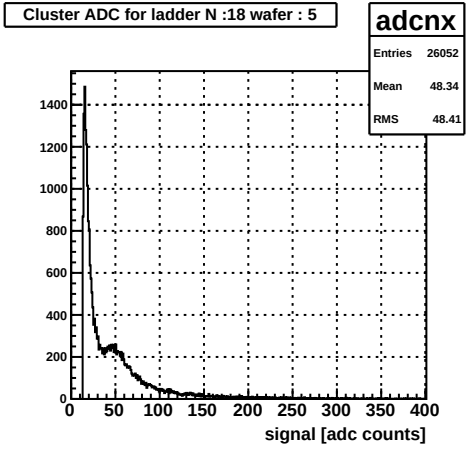

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 11810
Mean 60.48
RMS 52.04
signal [adc counts]

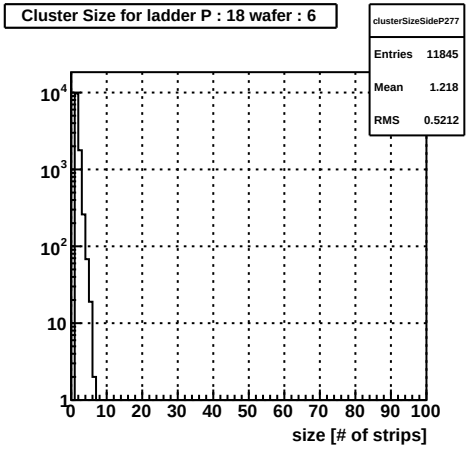

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 18886
Mean 1.152
RMS 0.4454
size [# of strips]

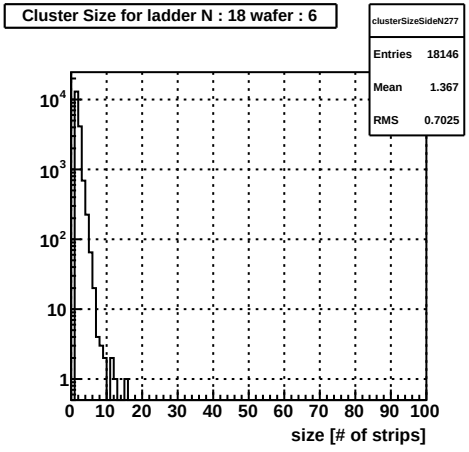

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 26052
Mean 1.44
RMS 0.8081
size [# of strips]

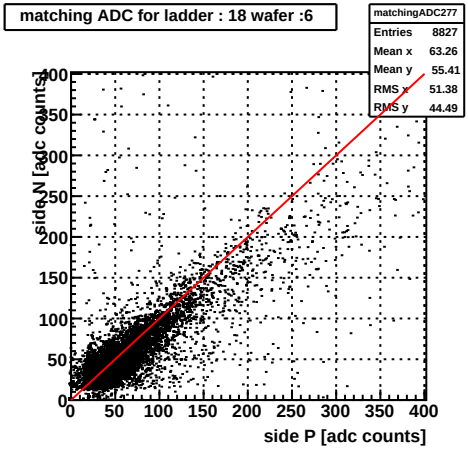

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6651
Mean x 70.8
Mean y 65.99
RMS x 58.52
RMS y 57.84
side N [adc counts]
side P [adc counts]

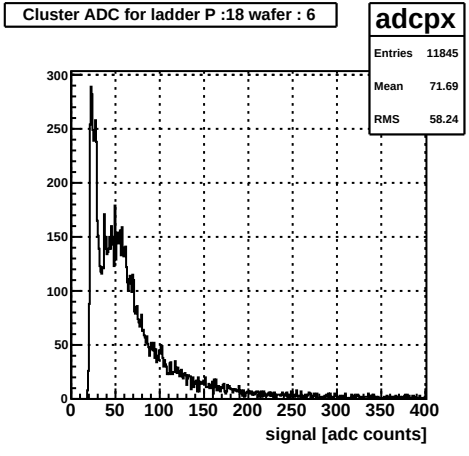

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 18886
Mean 45.33
RMS 45.03
signal [adc counts]

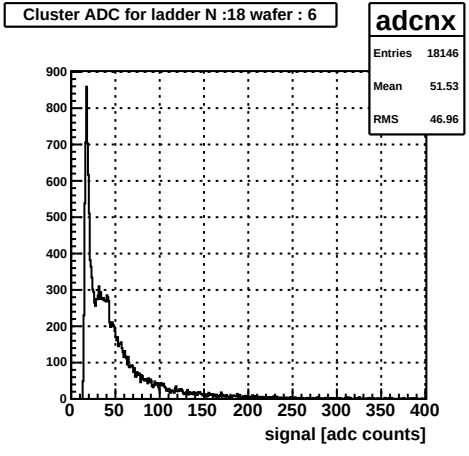

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 26052
Mean 48.34
RMS 48.41
signal [adc counts]

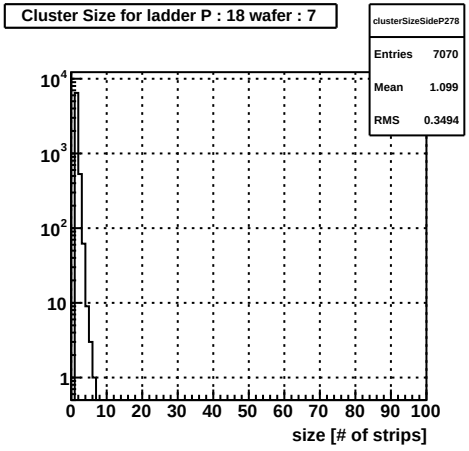

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 11845
Mean 1.218
RMS 0.5212
size [# of strips]

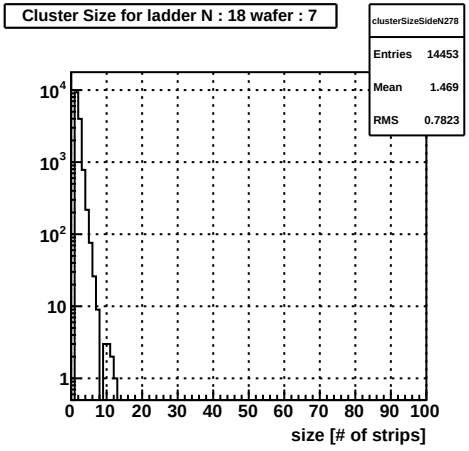

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18146
Mean 1.367
RMS 0.7025
size [# of strips]

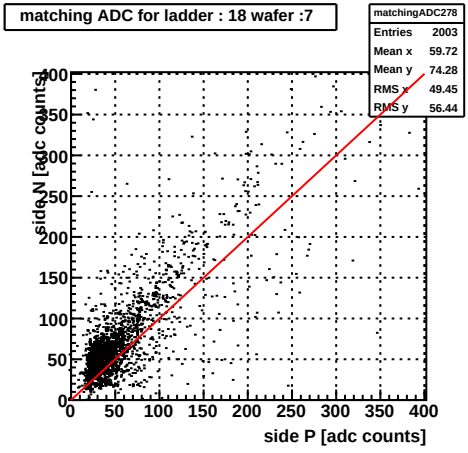

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8827
Mean x 63.26
Mean y 55.41
RMS x 51.38
RMS y 44.49
side N [adc counts]
side P [adc counts]

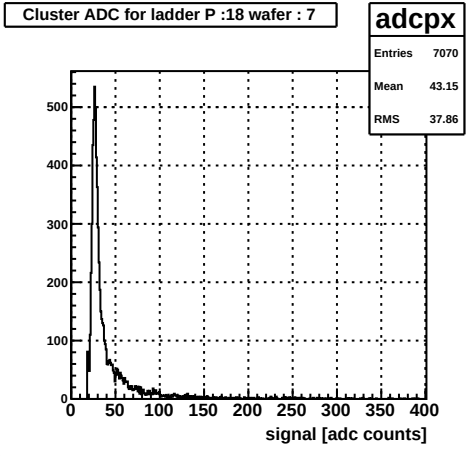

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 11845
Mean 71.69
RMS 58.24
signal [adc counts]

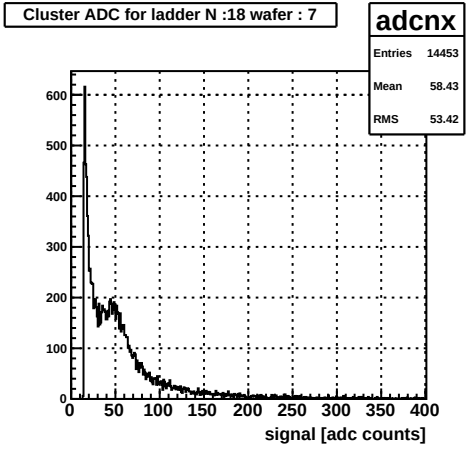

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18146
Mean 51.53
RMS 46.96
signal [adc counts]

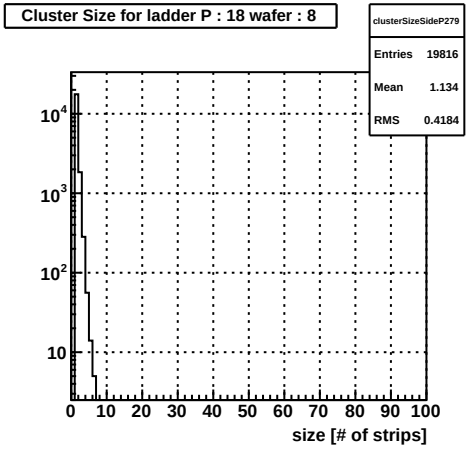

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7070
Mean 1.099
RMS 0.3494
size [# of strips]

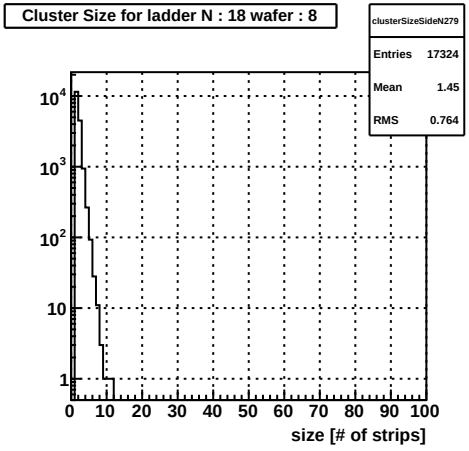

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 14453
Mean 1.469
RMS 0.7823
size [# of strips]

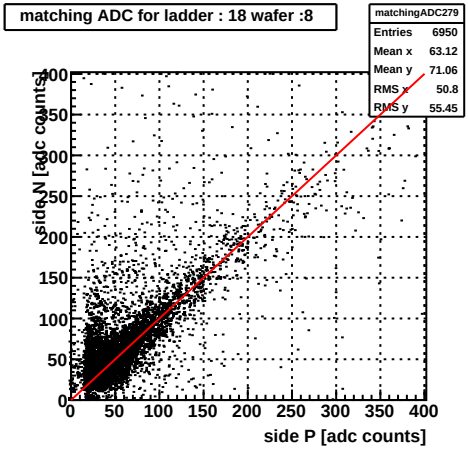

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2003
Mean x 59.72
Mean y 74.28
RMS x 49.45
RMS y 56.44
side N [adc counts]
side P [adc counts]

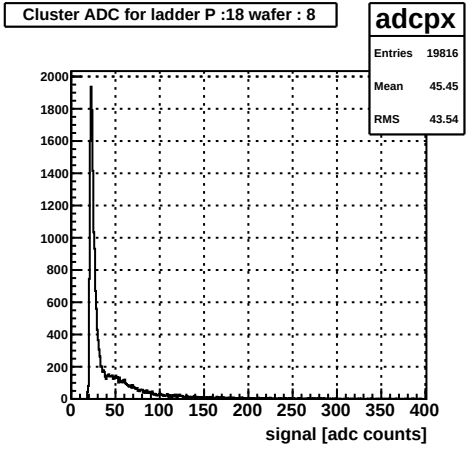

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7070
Mean 43.15
RMS 37.86
signal [adc counts]

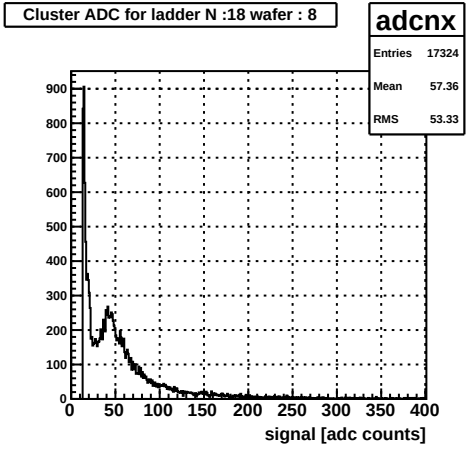

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 14453
Mean 58.43
RMS 53.42
signal [adc counts]

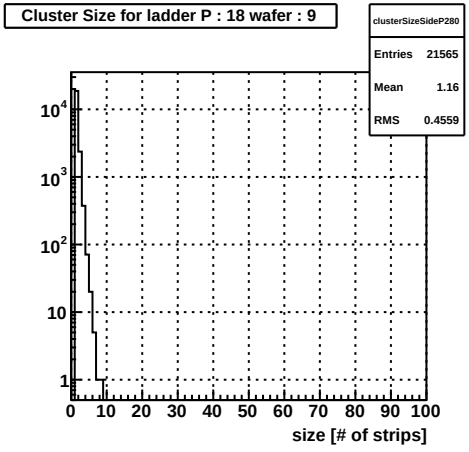

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 19816
Mean 1.134
RMS 0.4184
size [# of strips]

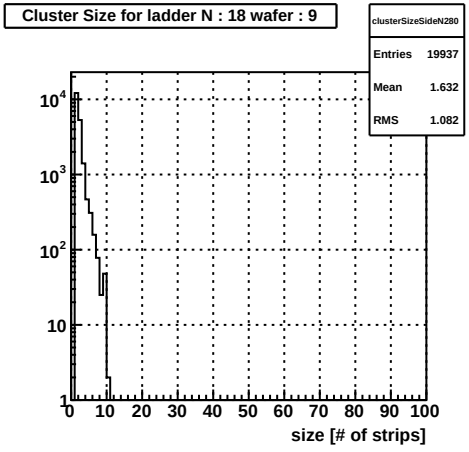

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 17324
Mean 1.45
RMS 0.764
size [# of strips]

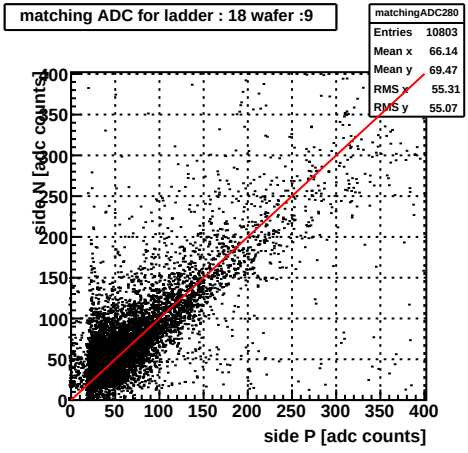

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6950
Mean x 63.12
Mean y 71.06
RMS x 50.8
RMS y 55.45
side N [adc counts]
side P [adc counts]

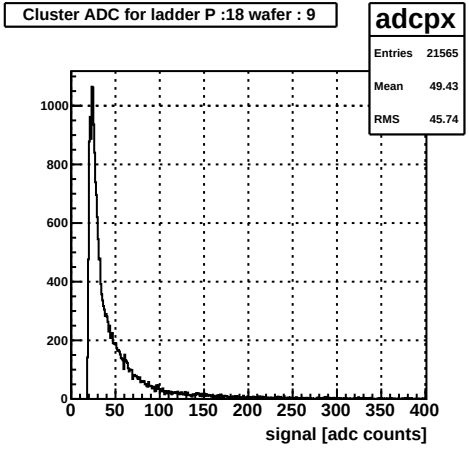

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 19816
Mean 45.45
RMS 43.54
signal [adc counts]

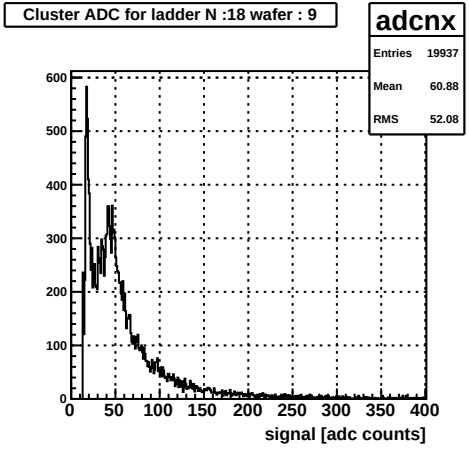

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 17324
Mean 57.36
RMS 53.33
signal [adc counts]

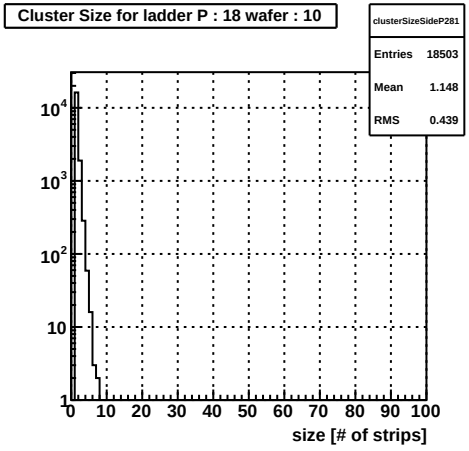

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 21565
Mean 1.16
RMS 0.4559
size [# of strips]

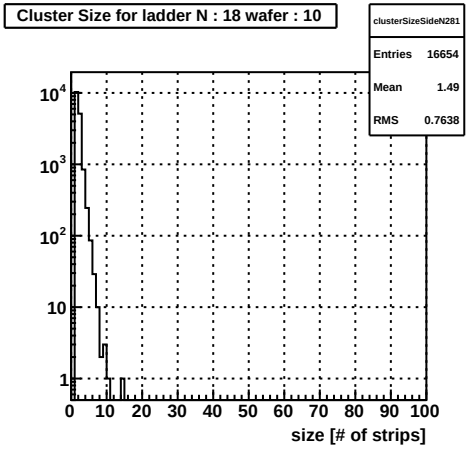

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 19937
Mean 1.632
RMS 1.082
size [# of strips]

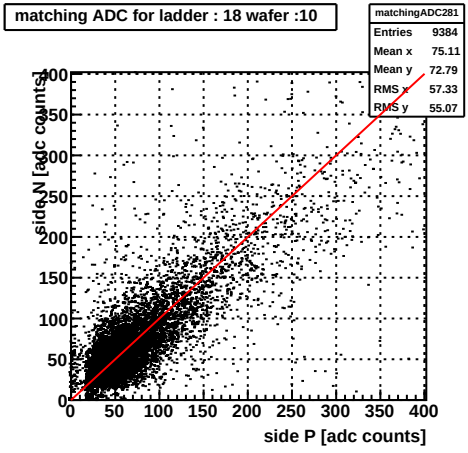

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10803
Mean x 66.14
Mean y 69.47
RMS x 55.31
RMS y 55.07
side N [adc counts]
side P [adc counts]

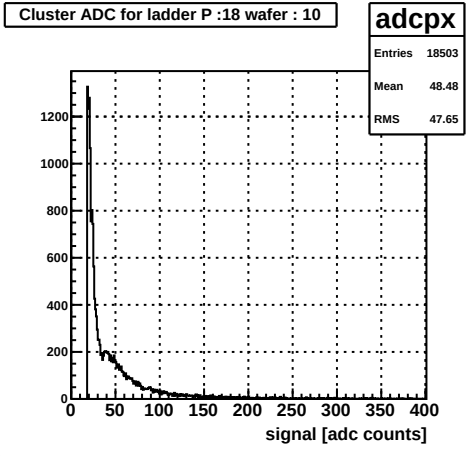

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 21565
Mean 49.43
RMS 45.74
signal [adc counts]

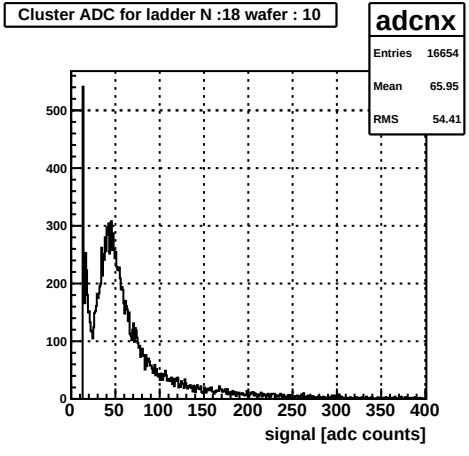

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 19937
Mean 60.88
RMS 52.08
signal [adc counts]

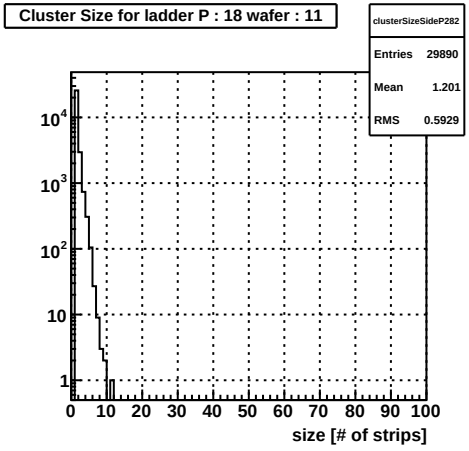

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 18503
Mean 1.148
RMS 0.439
size [# of strips]

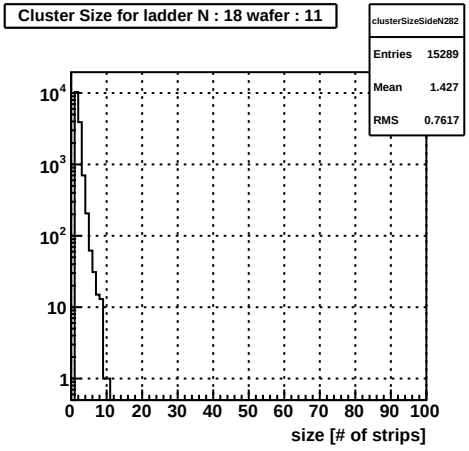

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 16654
Mean 1.49
RMS 0.7638
size [# of strips]

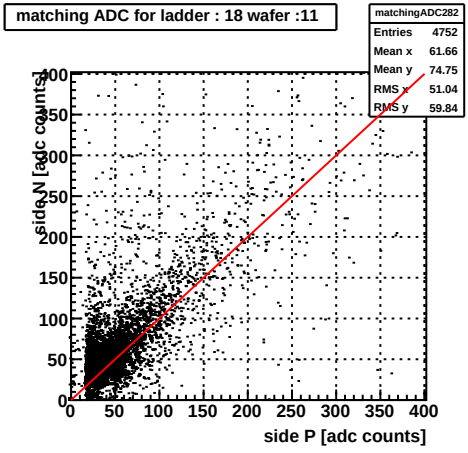

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9384
Mean x 75.11
Mean y 72.79
RMS x 57.33
RMS y 55.07
side N [adc counts]
side P [adc counts]

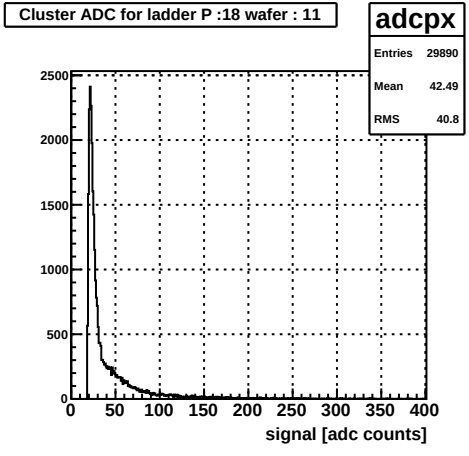

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 18503
Mean 48.48
RMS 47.65
signal [adc counts]

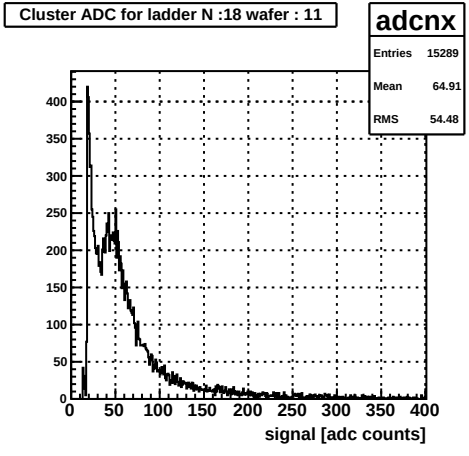

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 16654
Mean 65.95
RMS 54.41
signal [adc counts]

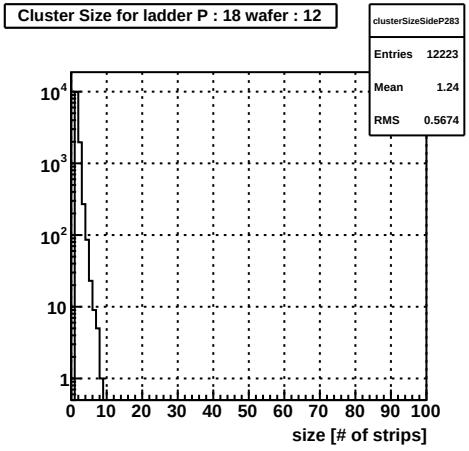

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 29890
Mean 1.201
RMS 0.5929
size [# of strips]

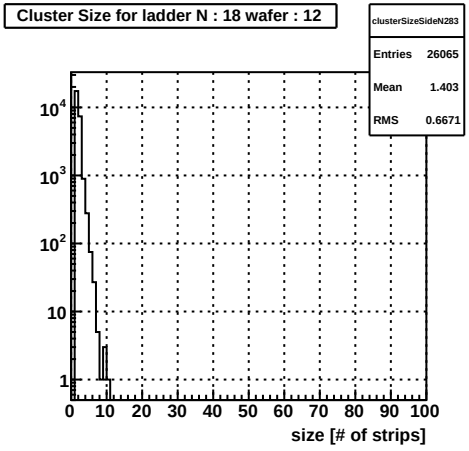

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 15289
Mean 1.427
RMS 0.7617
size [# of strips]

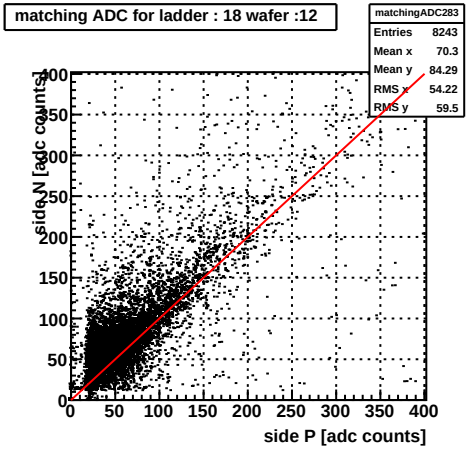

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4752
Mean x 61.66
Mean y 74.75
RMS x 51.04
RMS y 59.84
side N [adc counts]
side P [adc counts]

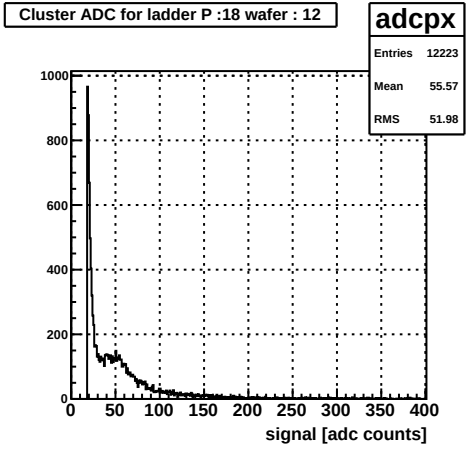

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 29890
Mean 42.49
RMS 40.8
signal [adc counts]

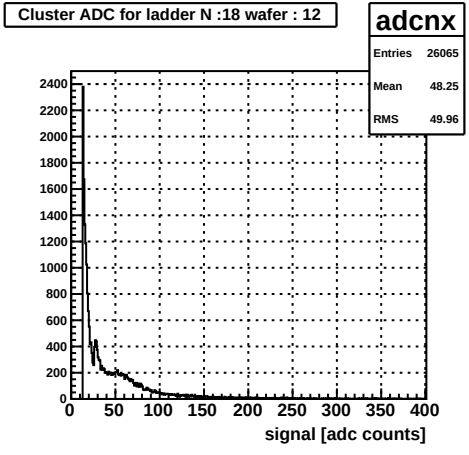

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 15289
Mean 64.91
RMS 54.48
signal [adc counts]

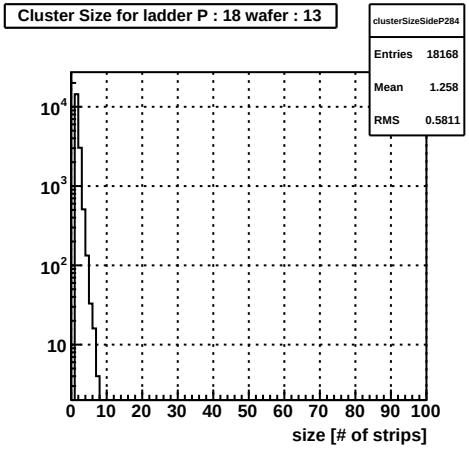

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12223
Mean 1.24
RMS 0.5674
size [# of strips]

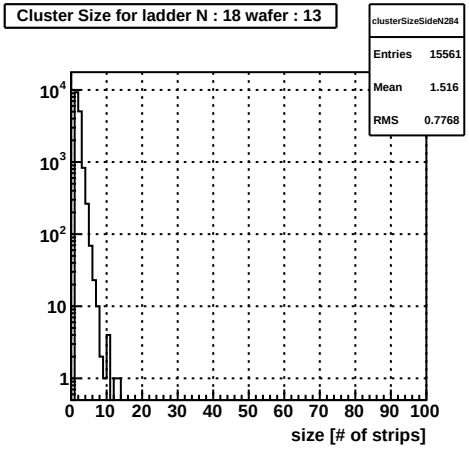

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 26065
Mean 1.403
RMS 0.6671
size [# of strips]

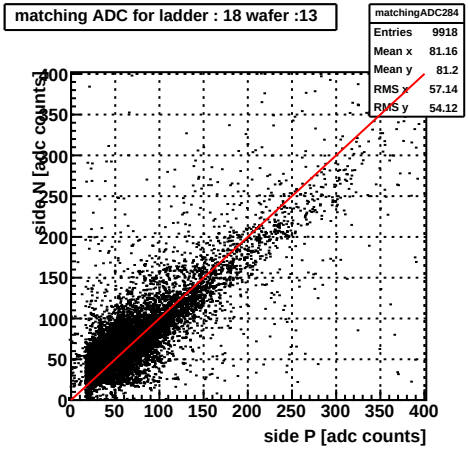

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8243
Mean x 70.3
Mean y 84.29
RMS x 54.22
RMS y 59.5
side N [adc counts]
side P [adc counts]

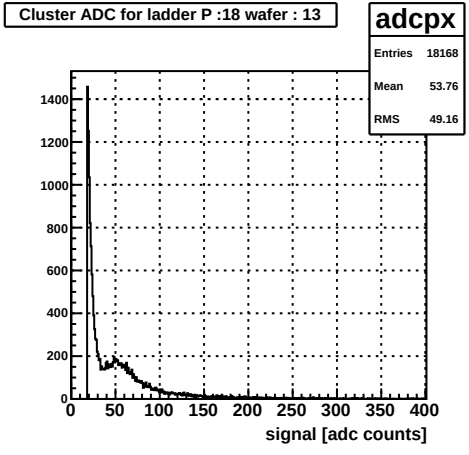

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12223
Mean 55.57
RMS 51.98
signal [adc counts]

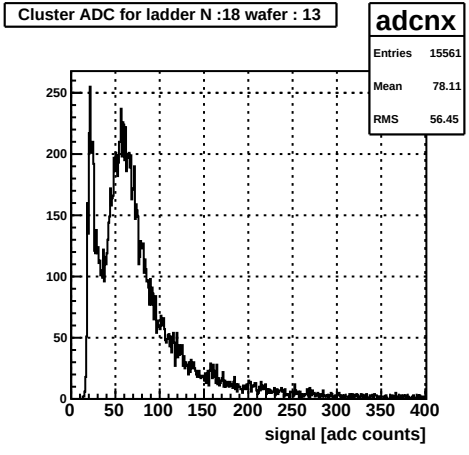

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 26065
Mean 48.25
RMS 49.96
signal [adc counts]

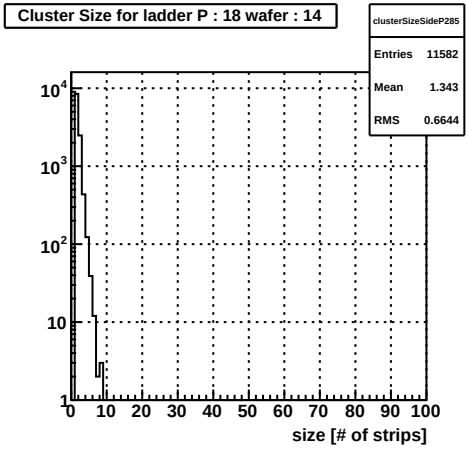

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 18168
Mean 1.258
RMS 0.5811
size [# of strips]

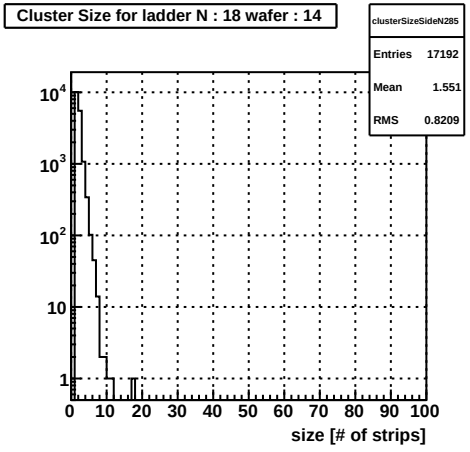

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 15561
Mean 1.516
RMS 0.7768
size [# of strips]

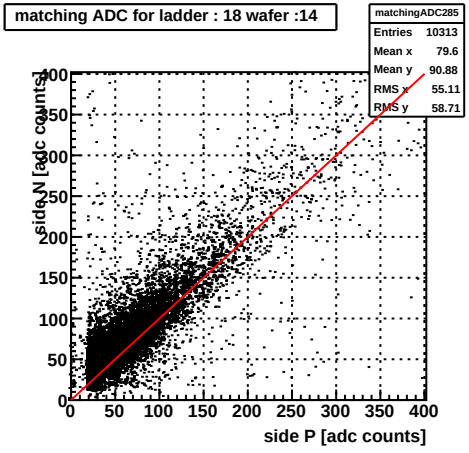

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9918
Mean x 81.16
Mean y 81.2
RMS x 57.14
RMS y 54.12
side N [adc counts]
side P [adc counts]

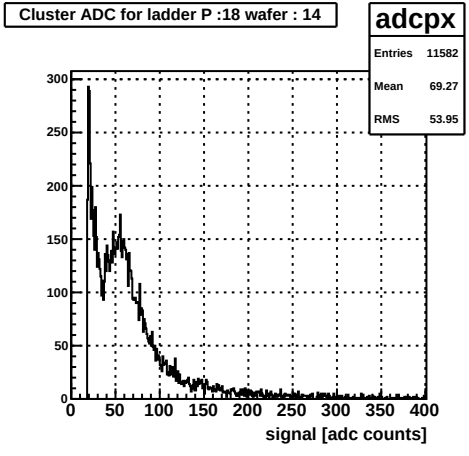

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 18168
Mean 53.76
RMS 49.16
signal [adc counts]

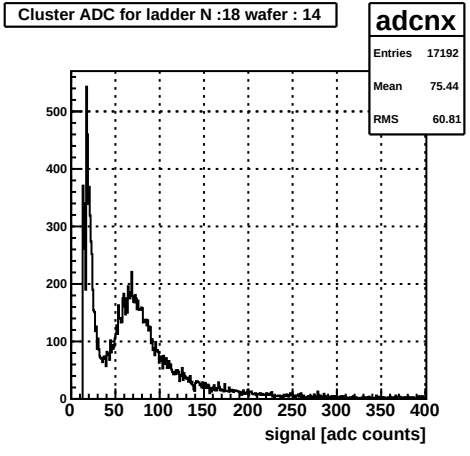

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 15561
Mean 78.11
RMS 56.45
signal [adc counts]

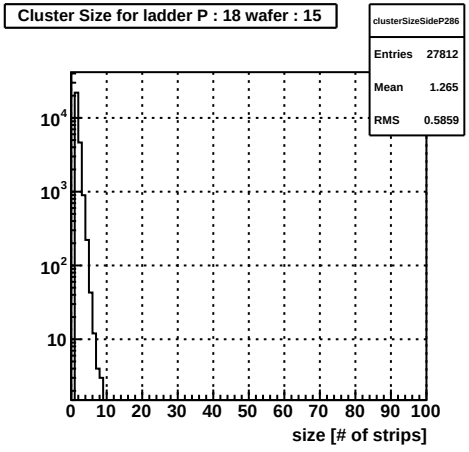

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 11582
Mean 1.343
RMS 0.6644
size [# of strips]

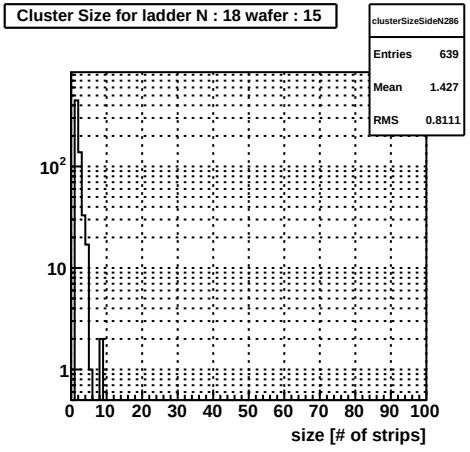

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 17192
Mean 1.551
RMS 0.8209
size [# of strips]

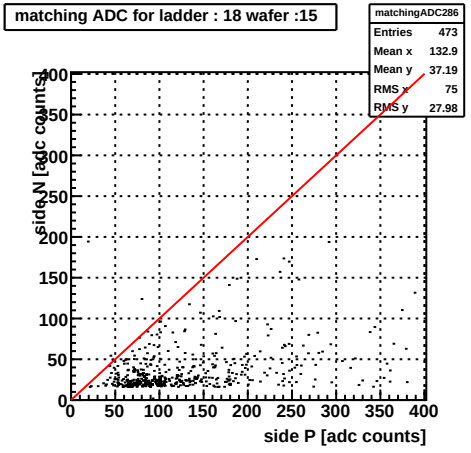

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10313
Mean x 79.6
Mean y 90.88
RMS x 55.11
RMS y 58.71
side N [adc counts]
side P [adc counts]

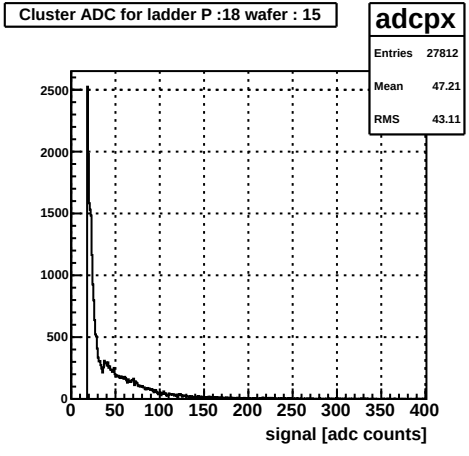

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 11582
Mean 69.27
RMS 53.95
signal [adc counts]

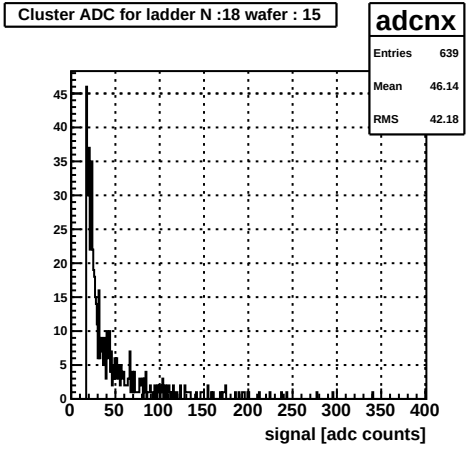

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 17192
Mean 75.44
RMS 60.81
signal [adc counts]

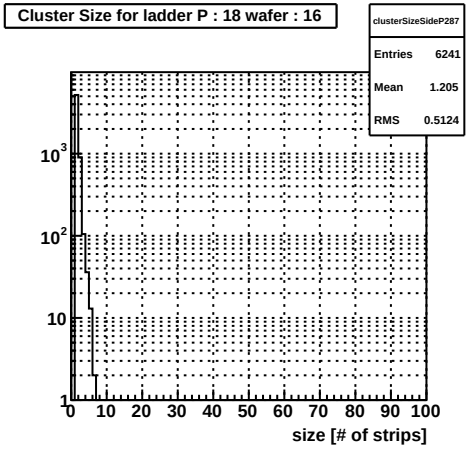

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 27812
Mean 1.265
RMS 0.5859
size [# of strips]

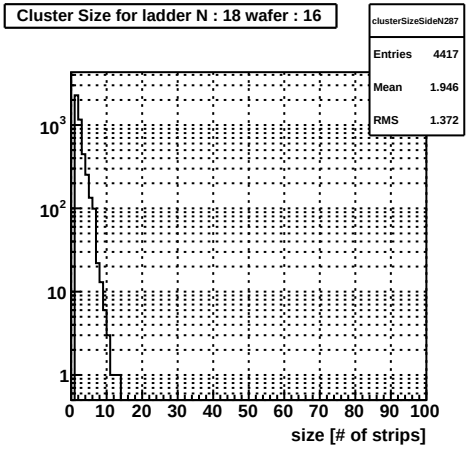

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 639
Mean 1.427
RMS 0.8111
size [# of strips]

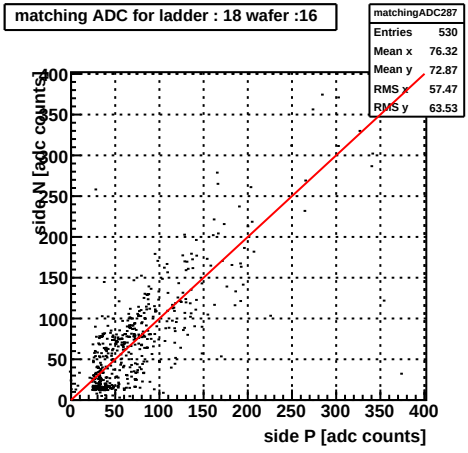

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 473
Mean x 132.9
Mean y 37.19
RMS x 75
RMS y 27.98
side N [adc counts]
side P [adc counts]

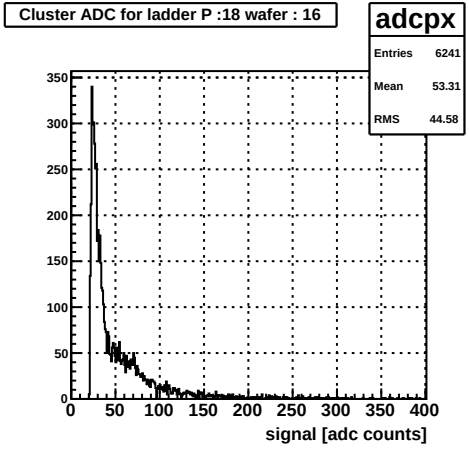

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 27812
Mean 47.21
RMS 43.11
signal [adc counts]

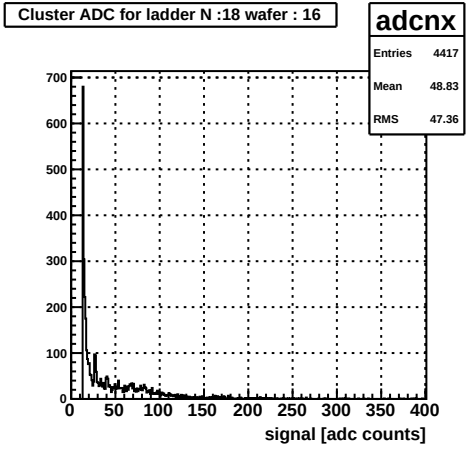

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 639
Mean 46.14
RMS 42.18
signal [adc counts]

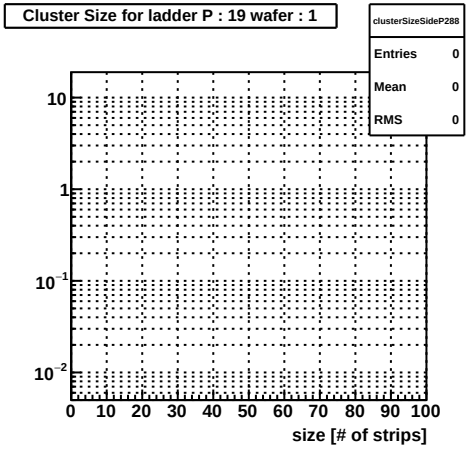

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6241
Mean 1.205
RMS 0.5124
size [# of strips]

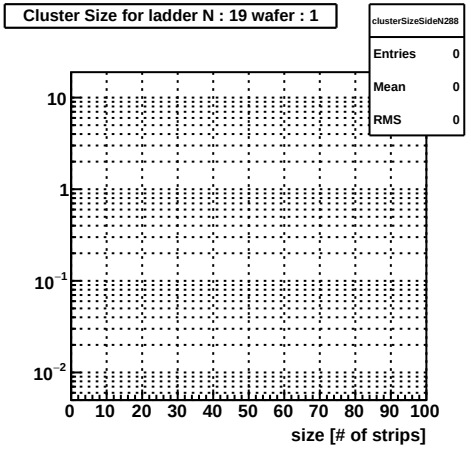

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4417
Mean 1.946
RMS 1.372
size [# of strips]

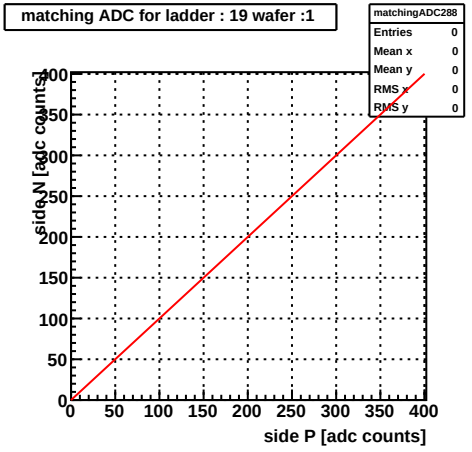

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 530
Mean x 76.32
Mean y 72.87
RMS x 57.47
RMS y 63.53
side N [adc counts]
side P [adc counts]

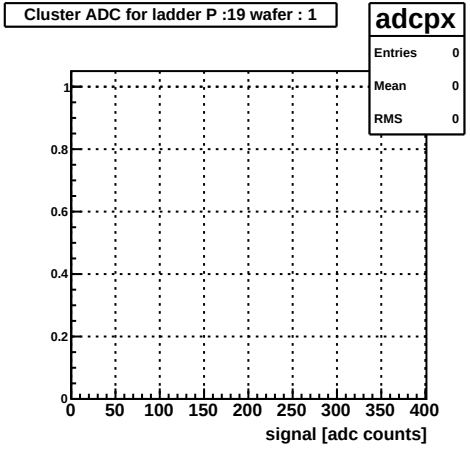

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6241
Mean 53.31
RMS 44.58
signal [adc counts]

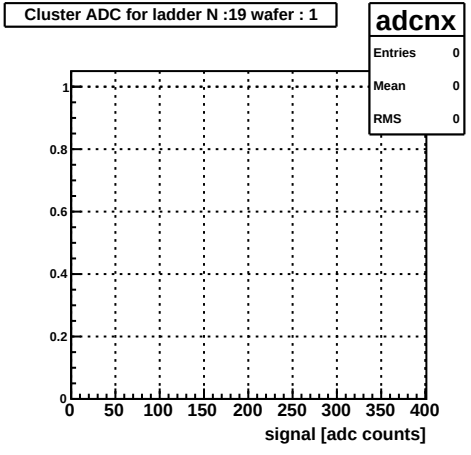

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4417
Mean 48.83
RMS 47.36
signal [adc counts]

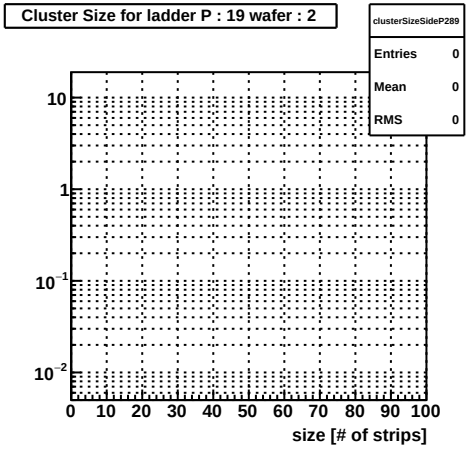

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

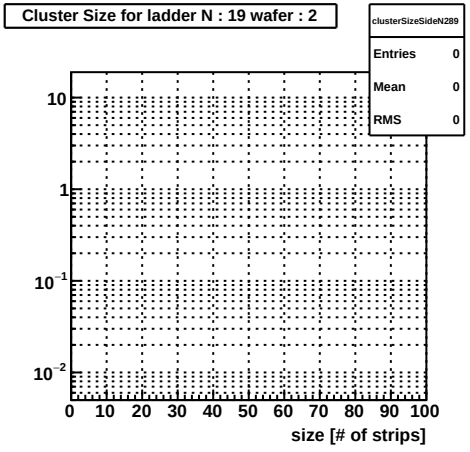

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

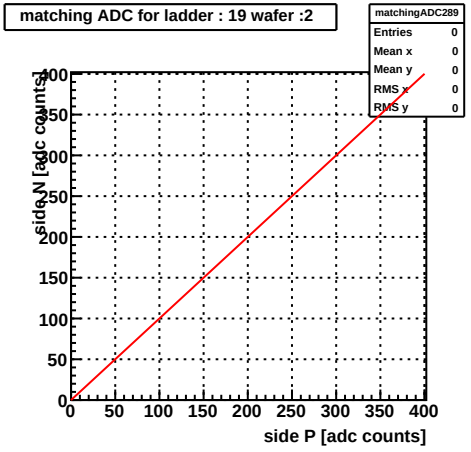

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

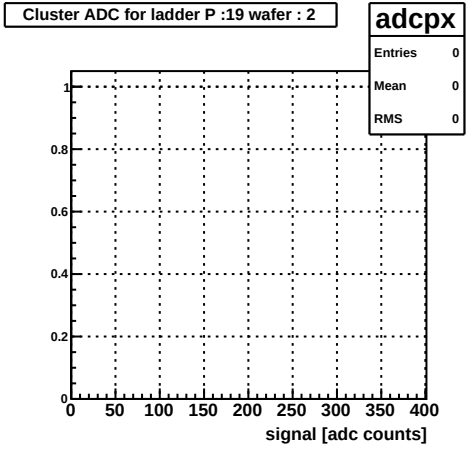

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

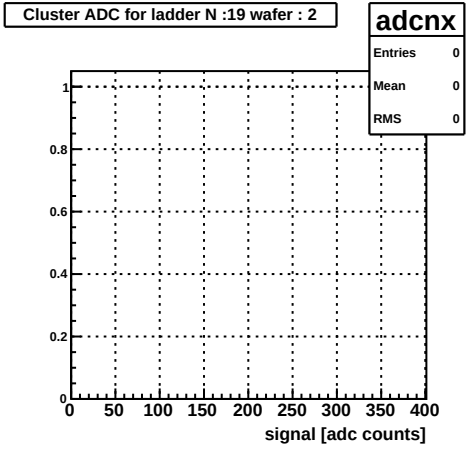

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

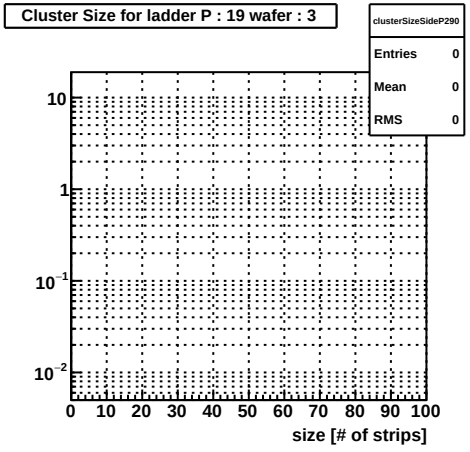

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

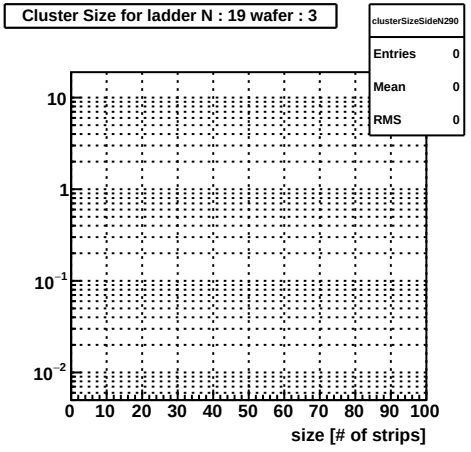

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

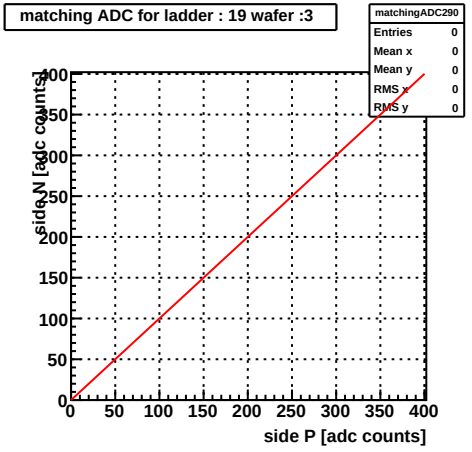

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

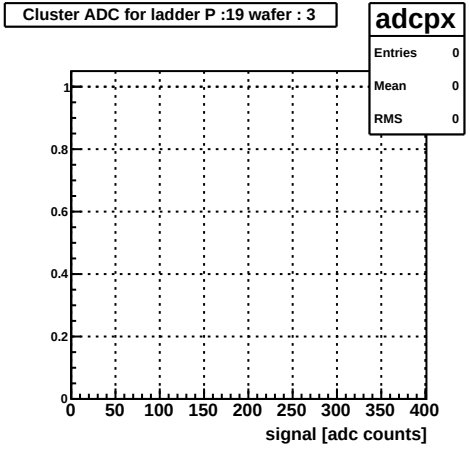

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

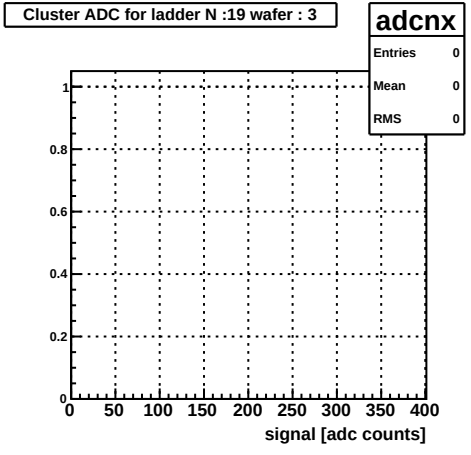

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

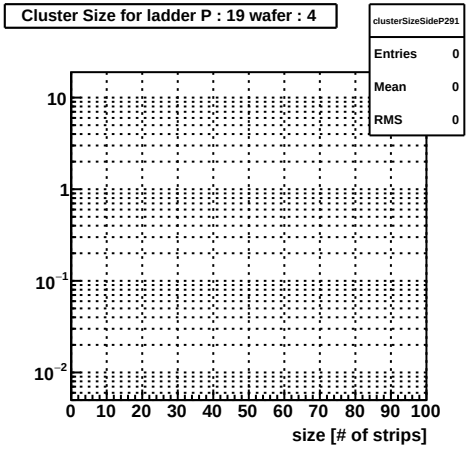

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

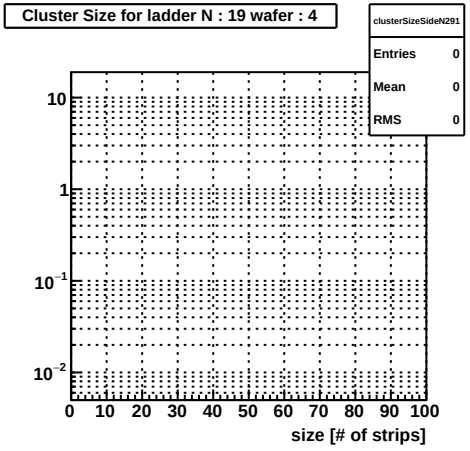

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

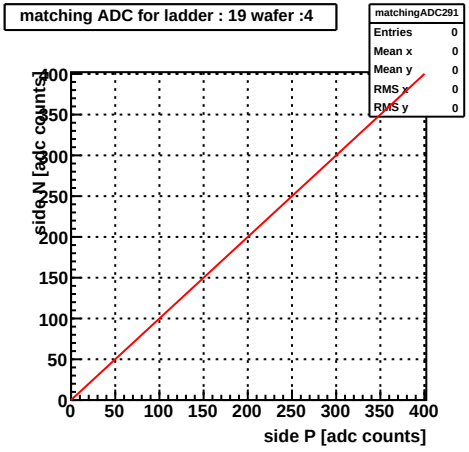

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

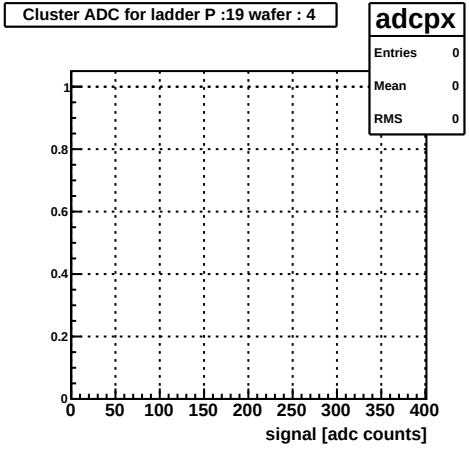

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

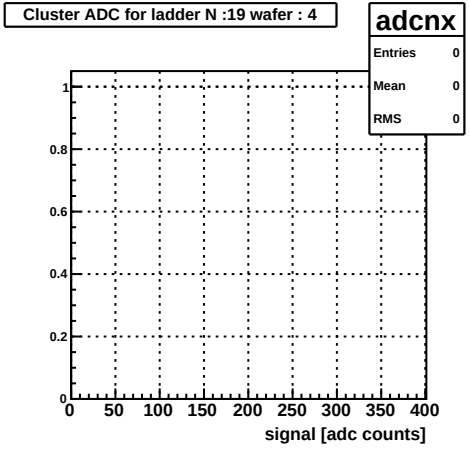

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

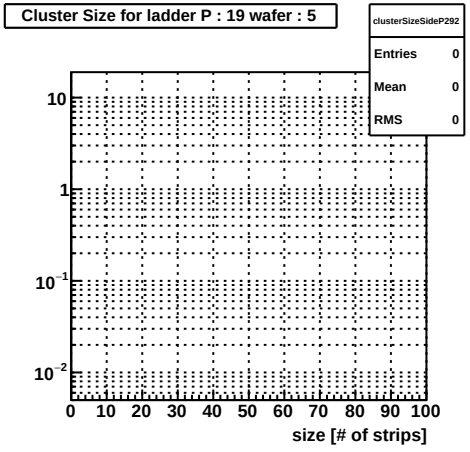

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

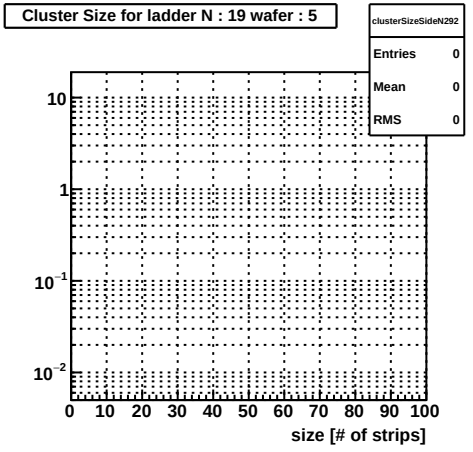

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

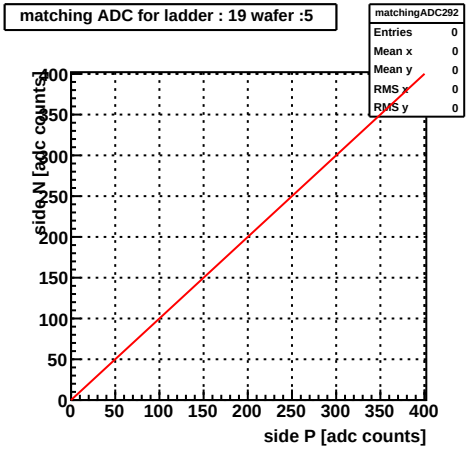

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

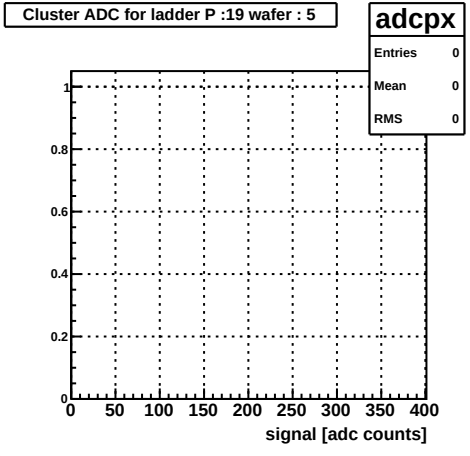

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

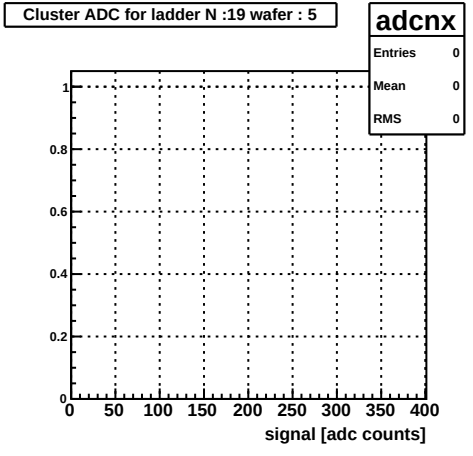

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

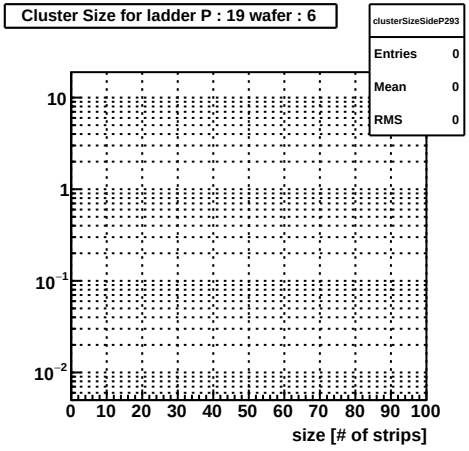

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

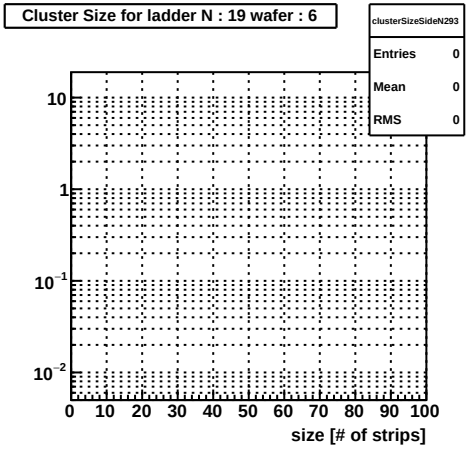

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

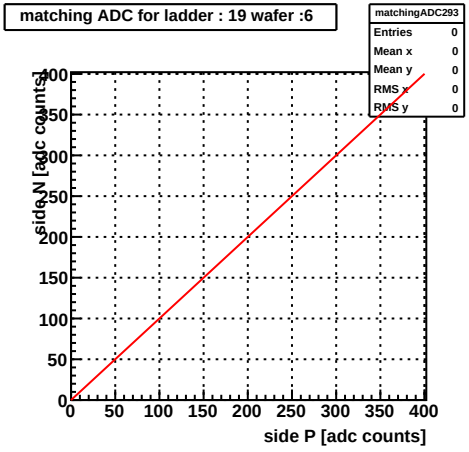

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

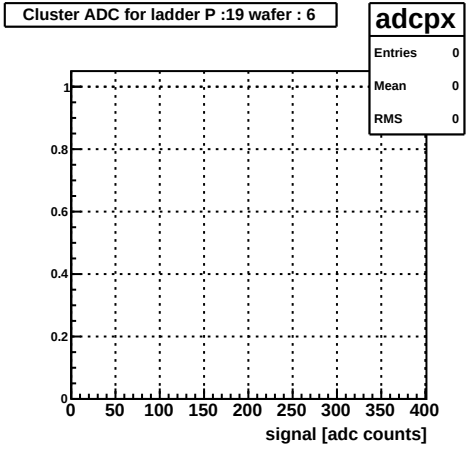

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

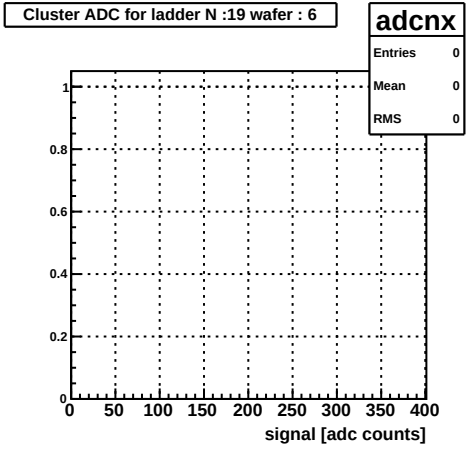

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

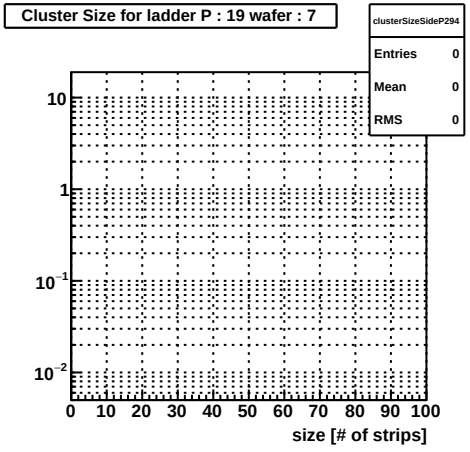

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

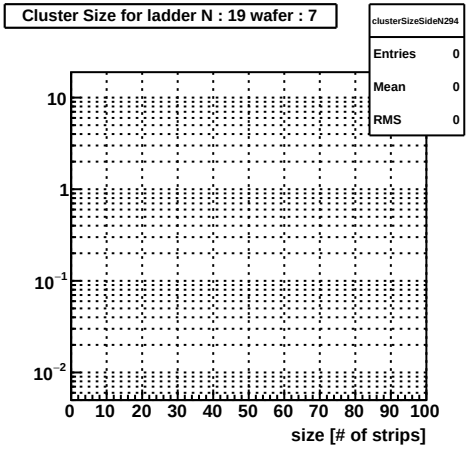

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

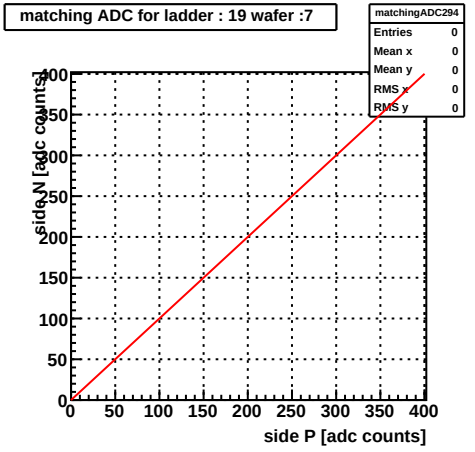

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

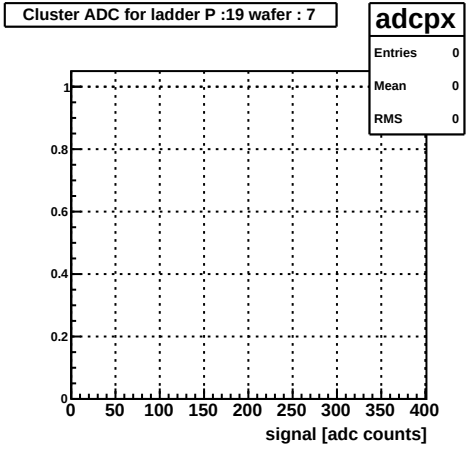

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

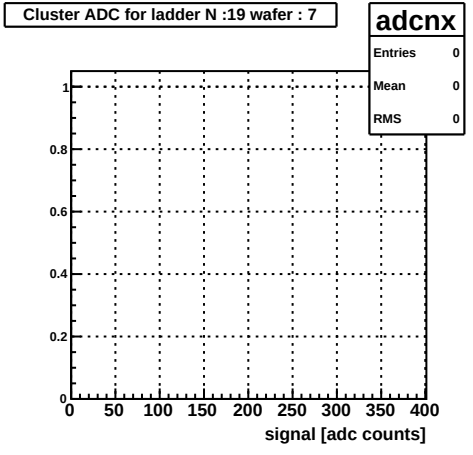

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

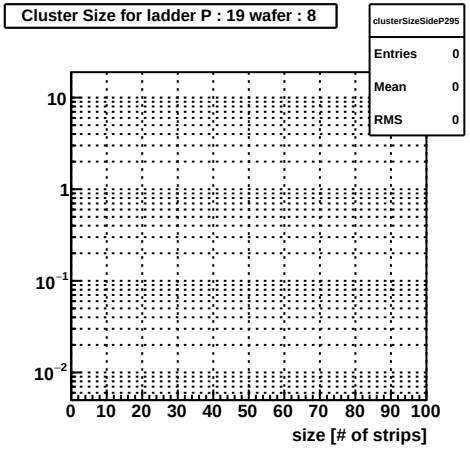

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

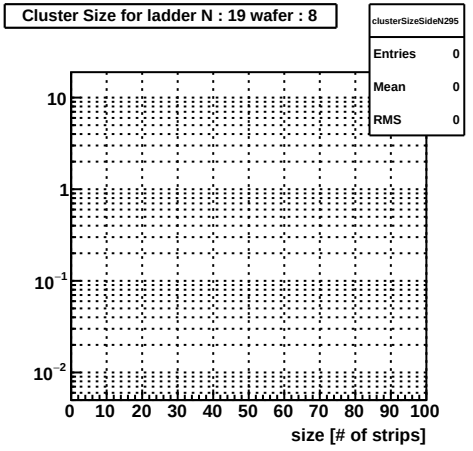

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

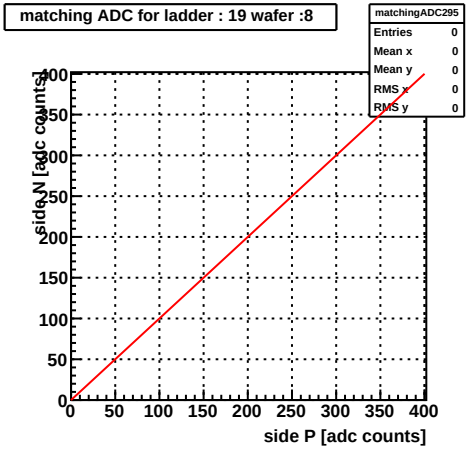

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

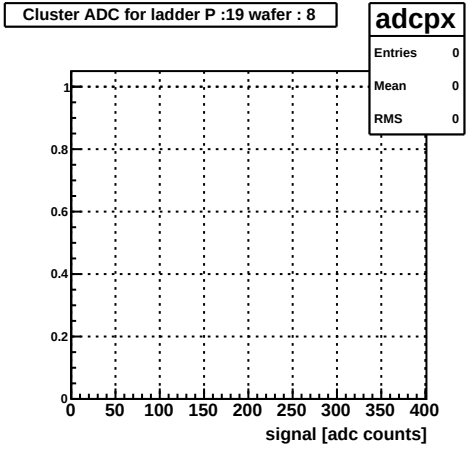

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

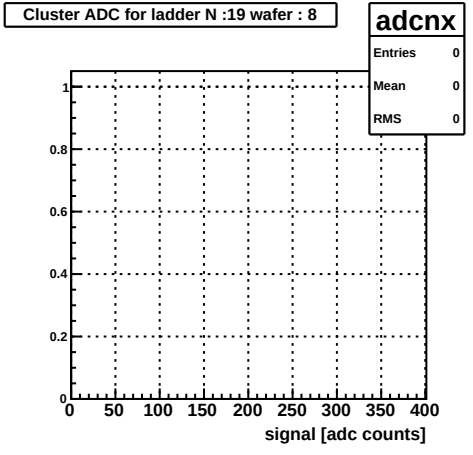

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

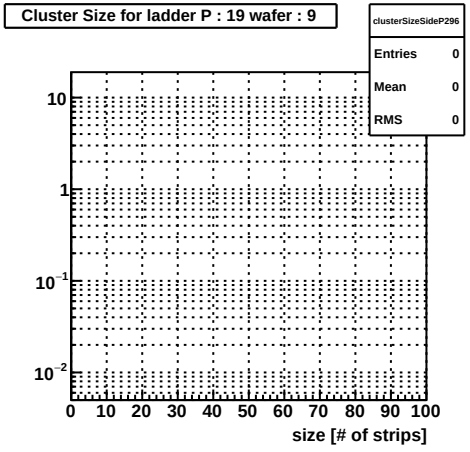

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

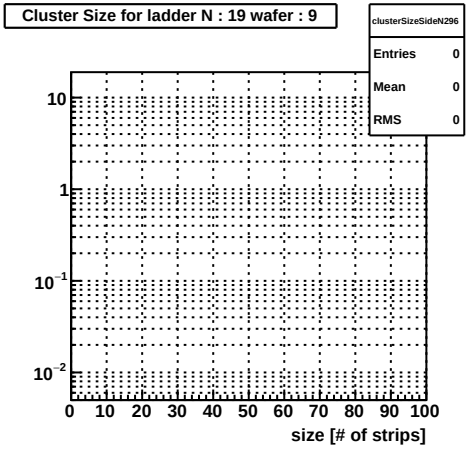

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

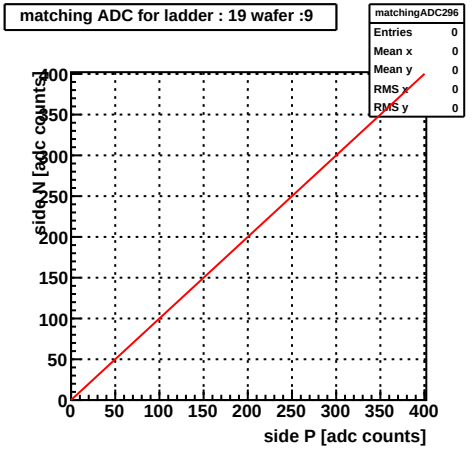

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

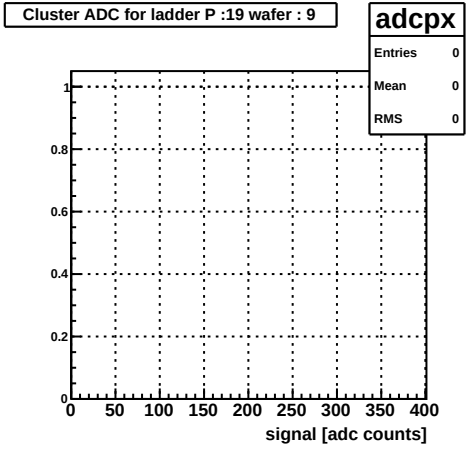

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

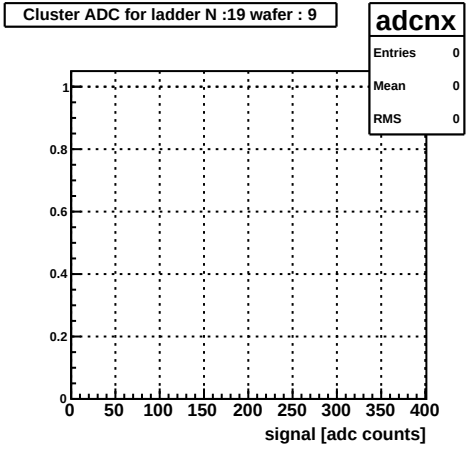

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

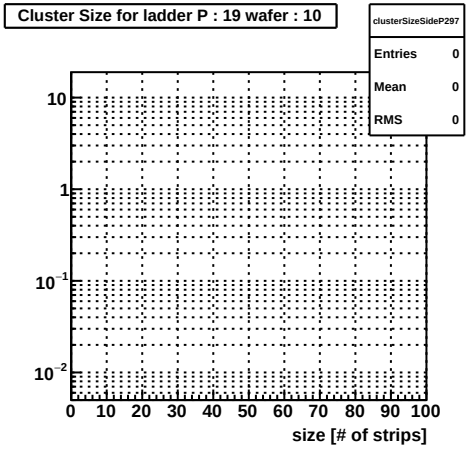

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

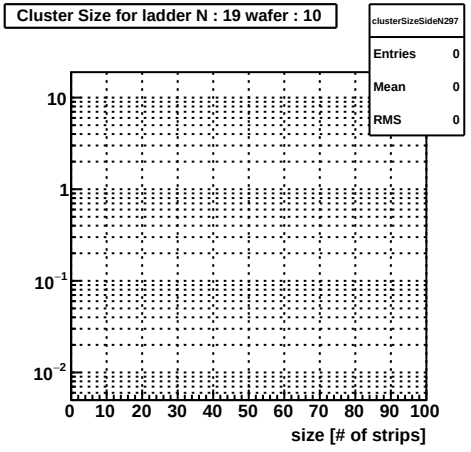

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

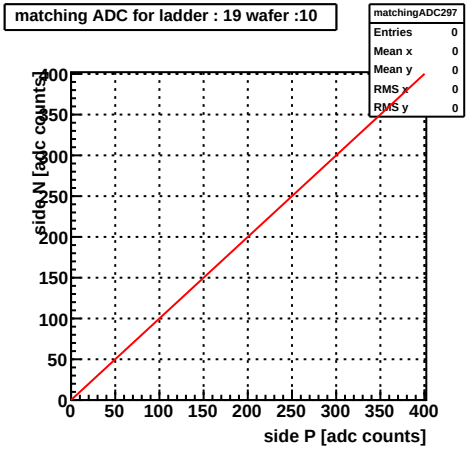

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

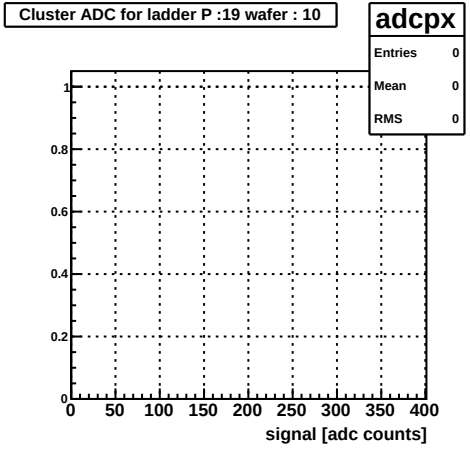

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

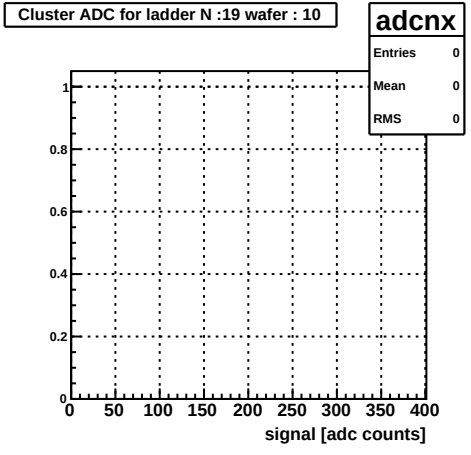

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

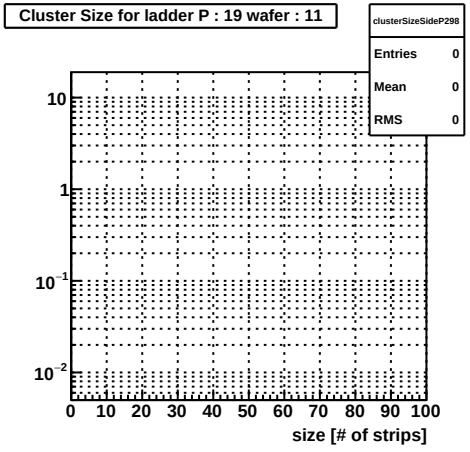

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

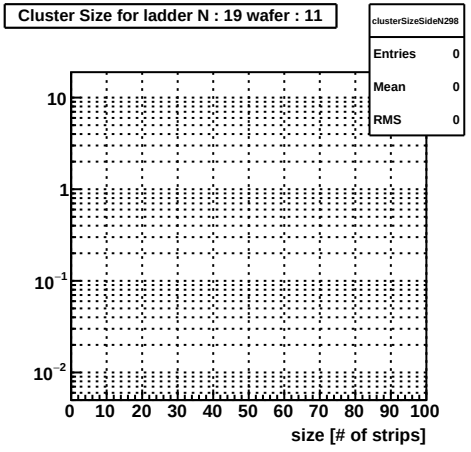

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

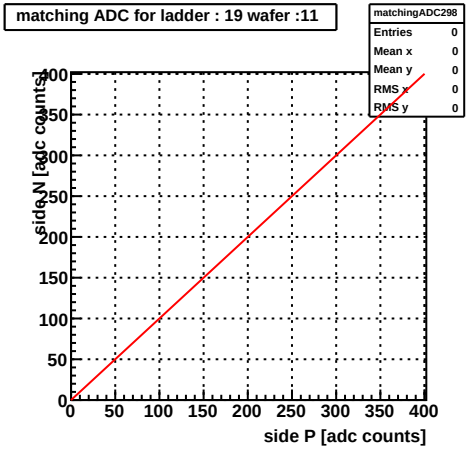

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

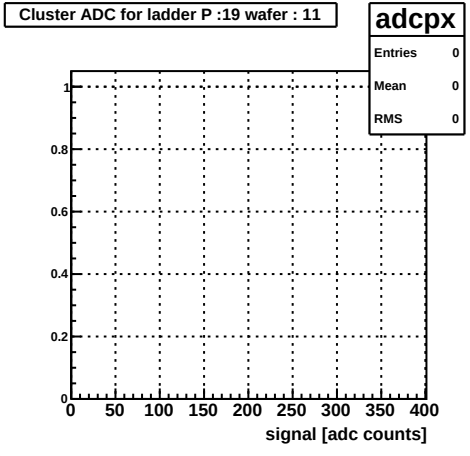

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

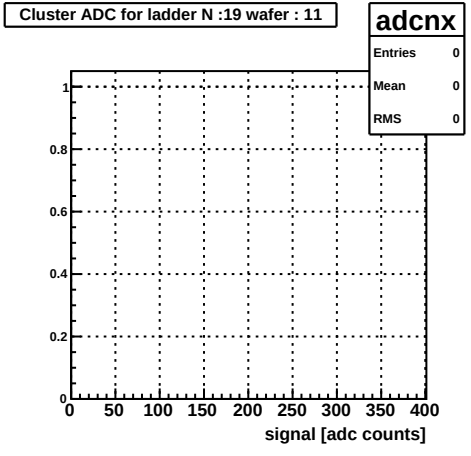

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

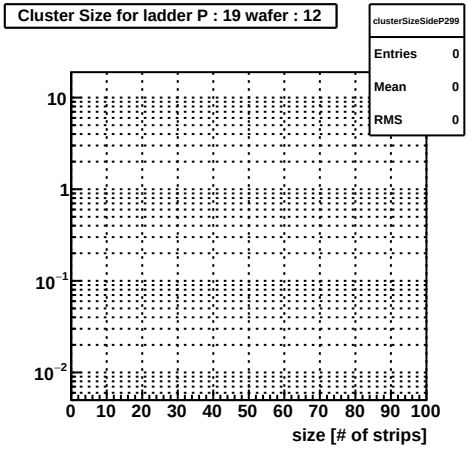

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

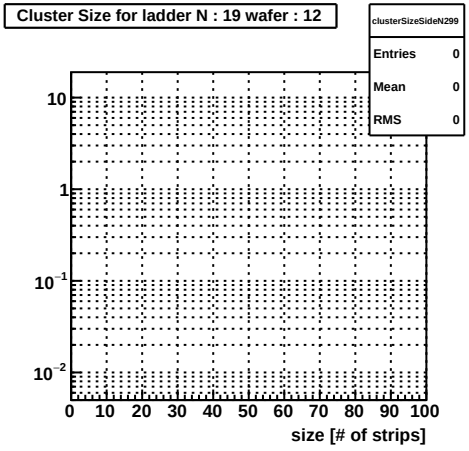

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

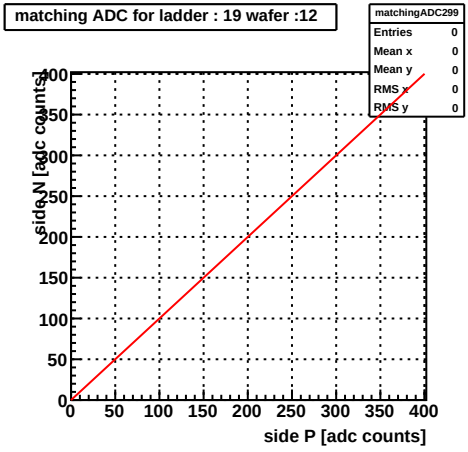

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

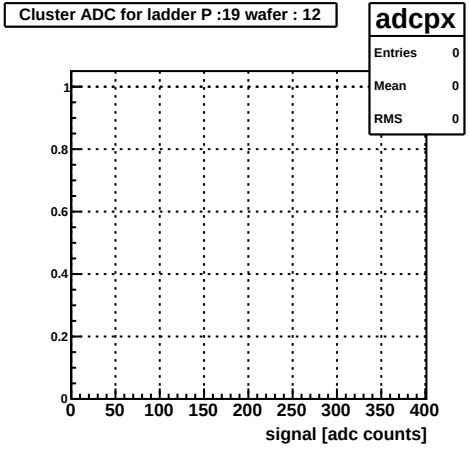

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

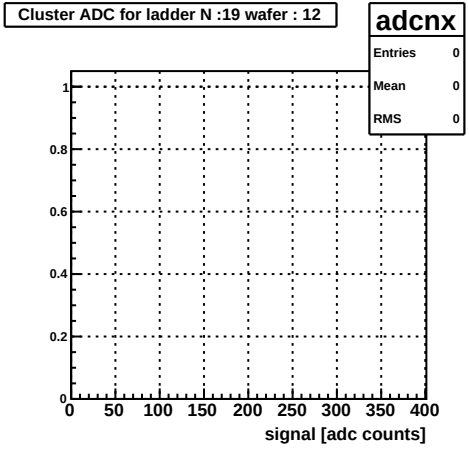

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

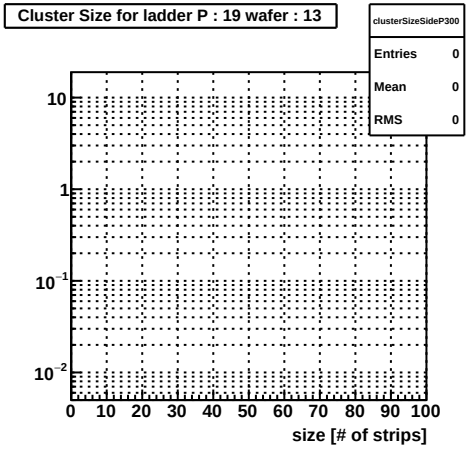

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

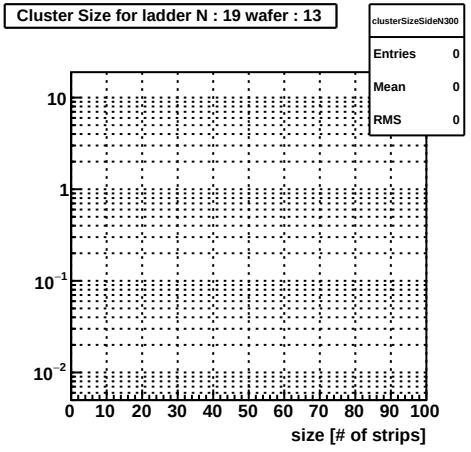

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

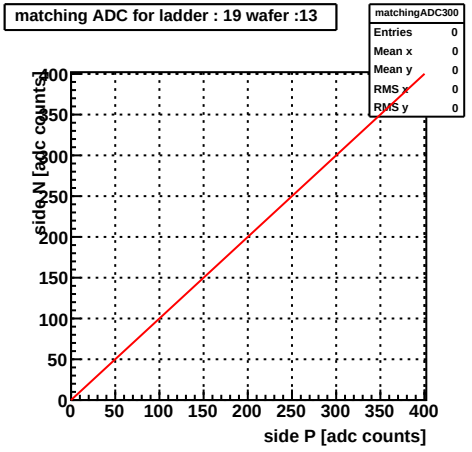

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

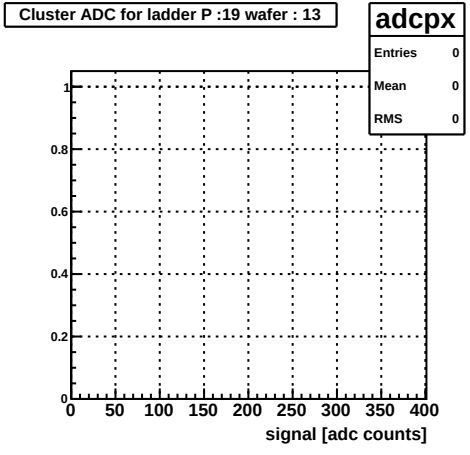

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

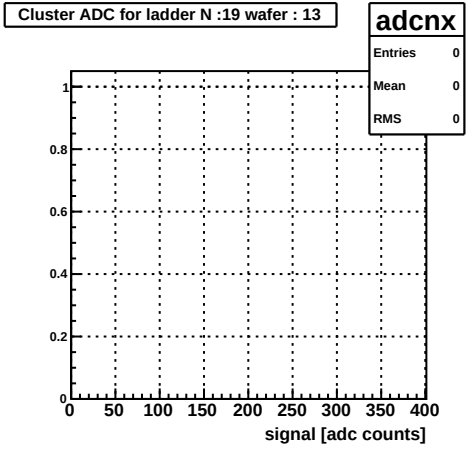

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

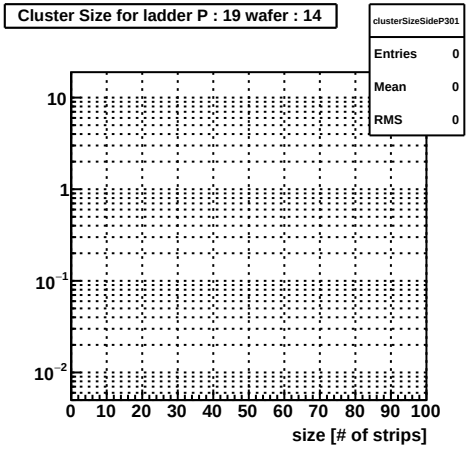

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

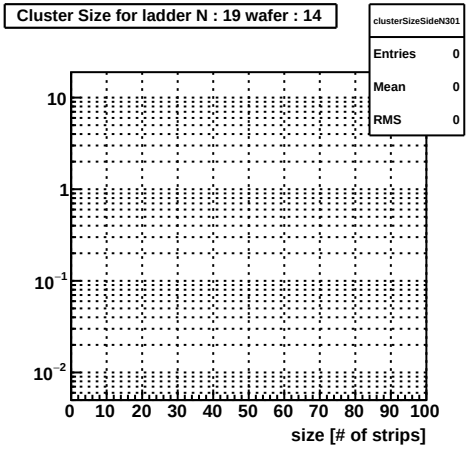

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

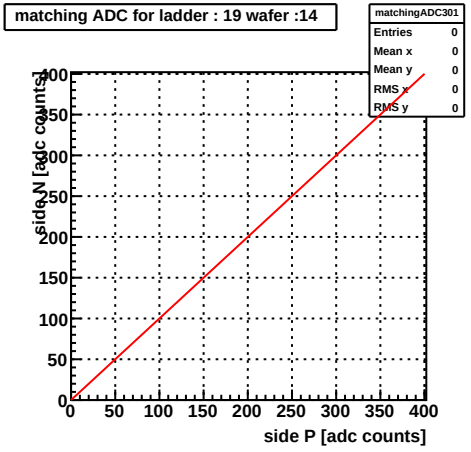

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

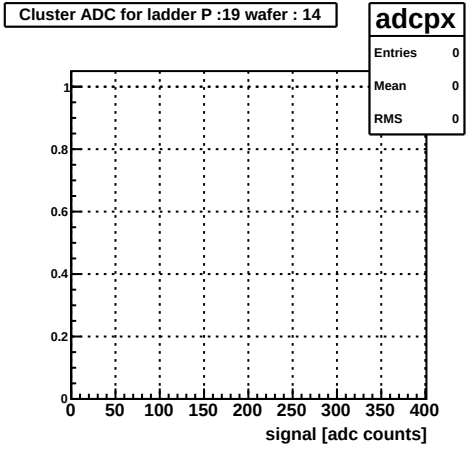

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

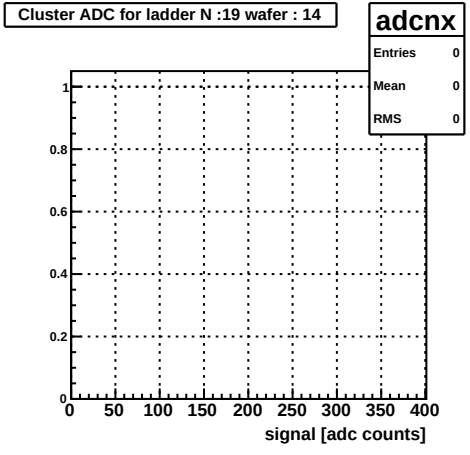

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

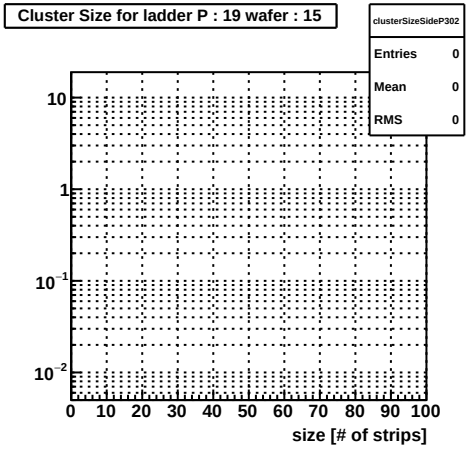

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

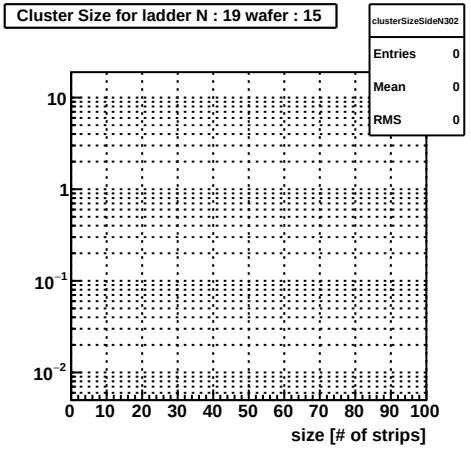

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

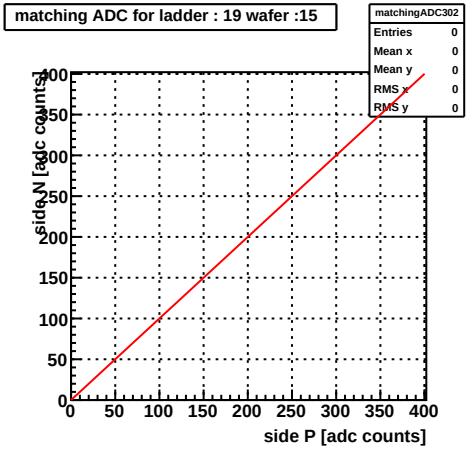

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

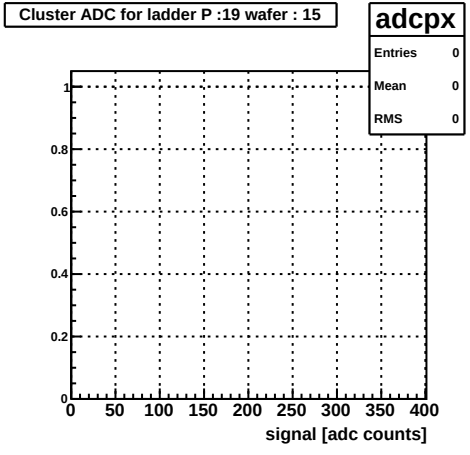

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

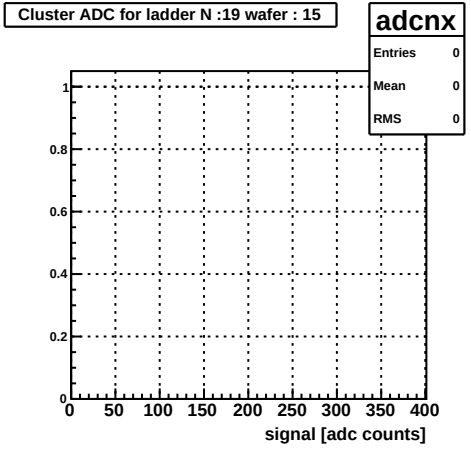

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

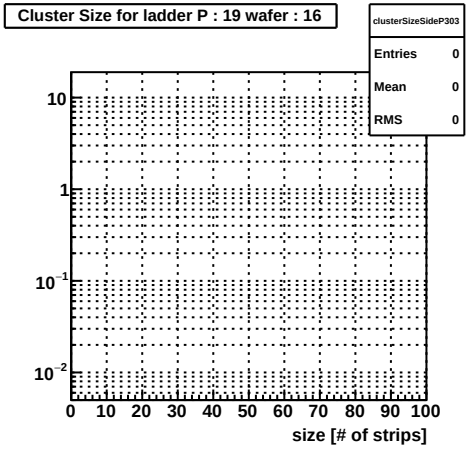

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

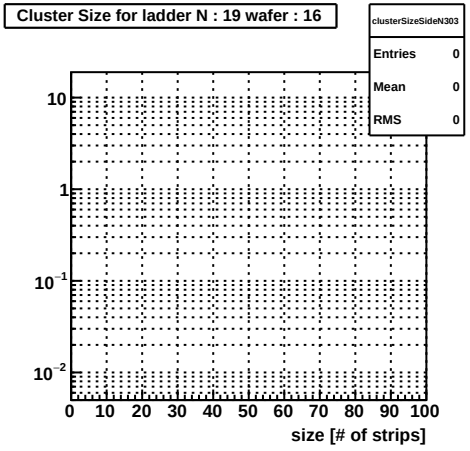

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

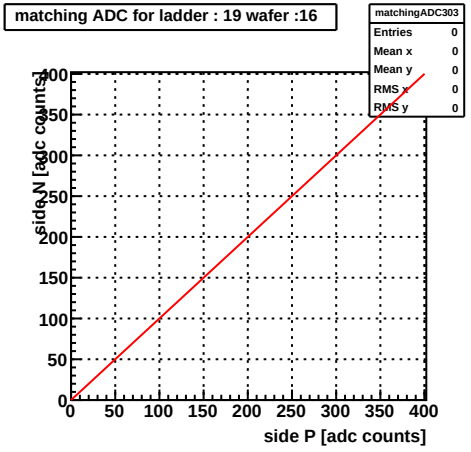

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

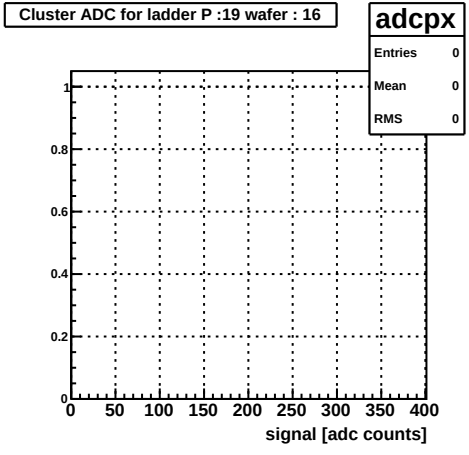

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

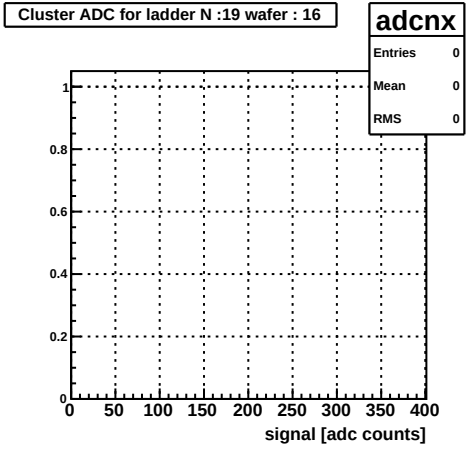

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

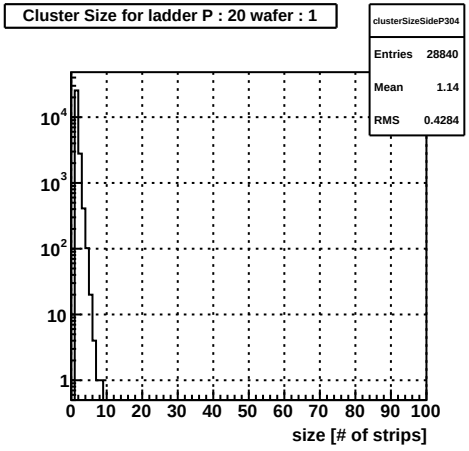

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

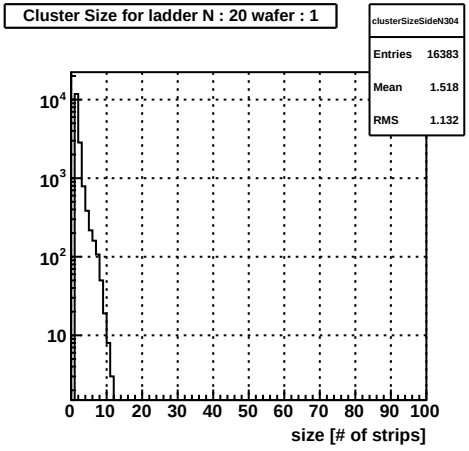

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

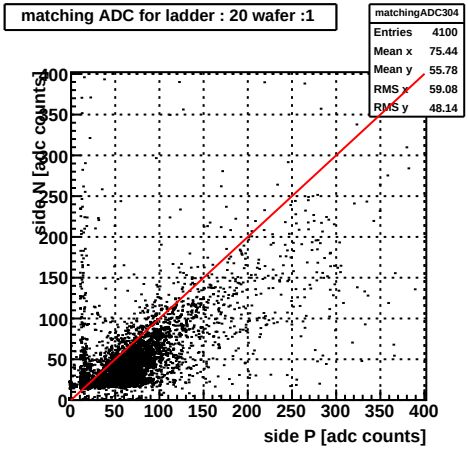

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

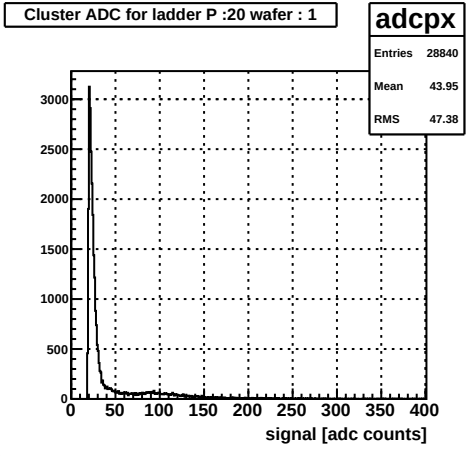

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

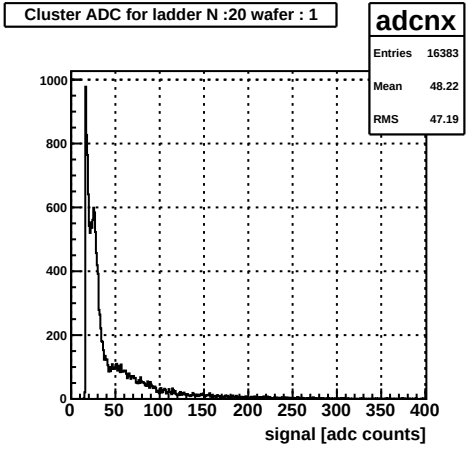

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

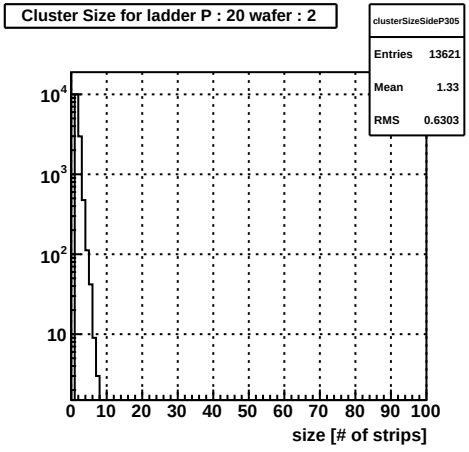

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 28840
Mean 1.14
RMS 0.4284
size [# of strips]

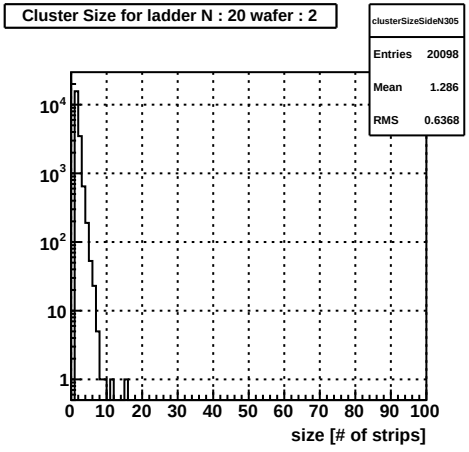

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 16383
Mean 1.518
RMS 1.132
size [# of strips]

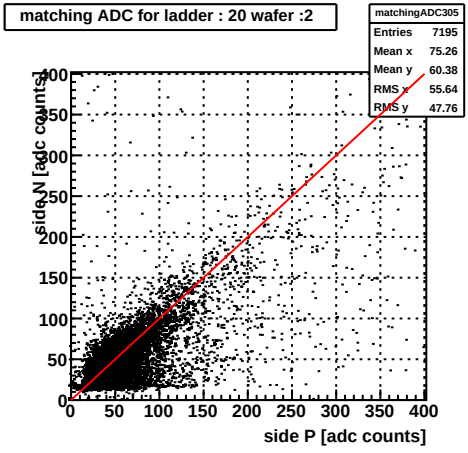

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4100
Mean x 75.44
Mean y 55.78
RMS x 59.08
RMS y 48.14
side N [adc counts]
side P [adc counts]

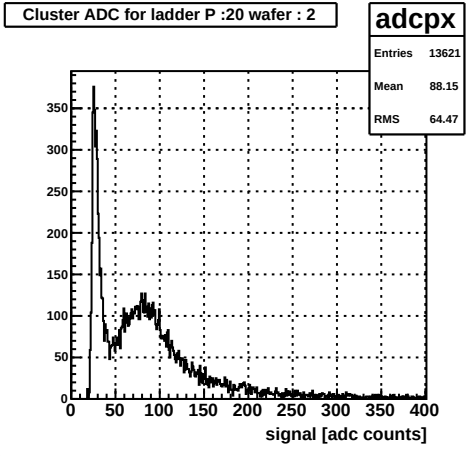

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 28840
Mean 43.95
RMS 47.38
signal [adc counts]

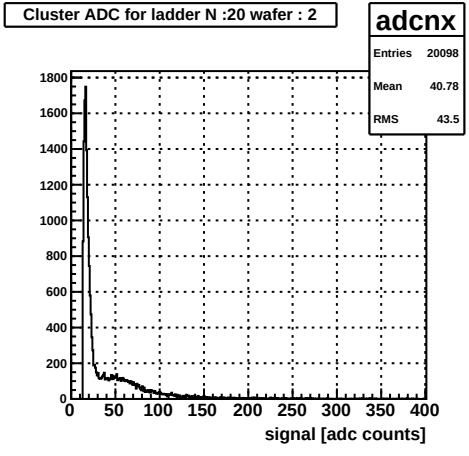

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 16383
Mean 48.22
RMS 47.19
signal [adc counts]

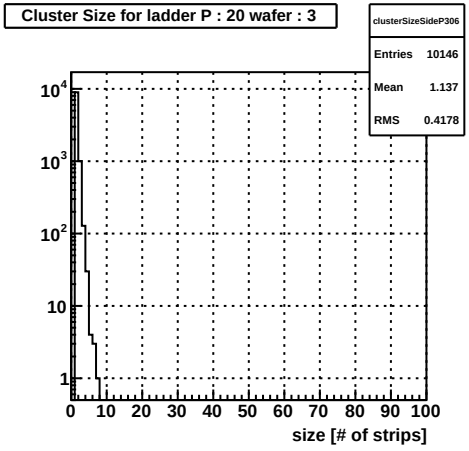

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 13621
Mean 1.33
RMS 0.6303
size [# of strips]

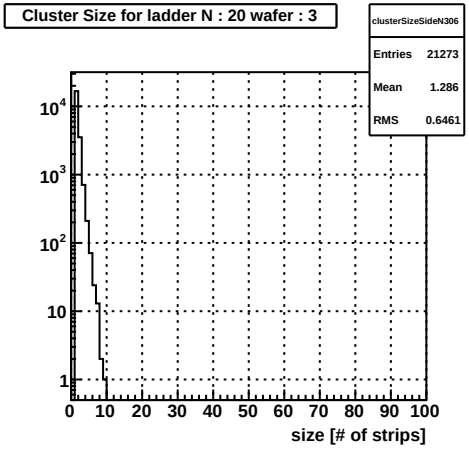

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 20098
Mean 1.286
RMS 0.6368
size [# of strips]

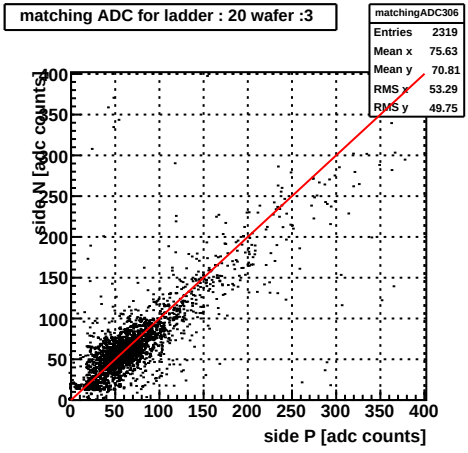

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7195
Mean x 75.26
Mean y 60.38
RMS x 55.64
RMS y 47.76
side N [adc counts]
side P [adc counts]

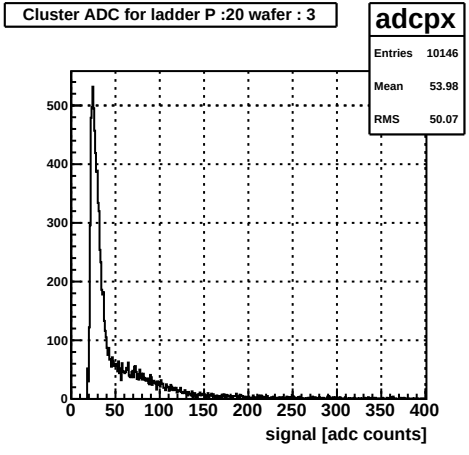

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 13621
Mean 88.15
RMS 64.47
signal [adc counts]

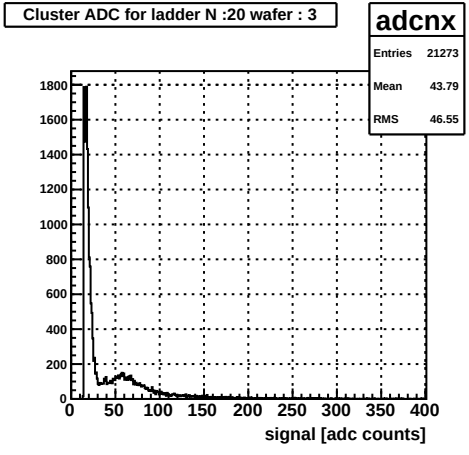

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 20098
Mean 40.78
RMS 43.5
signal [adc counts]

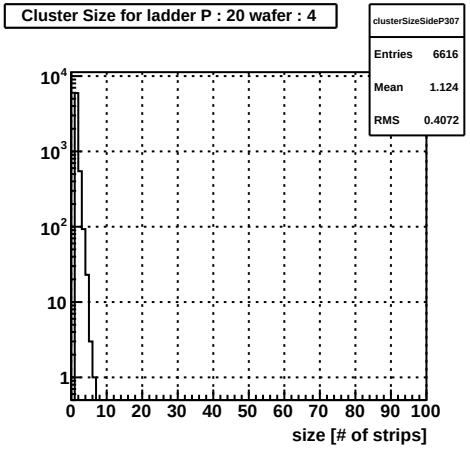

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 10146
Mean 1.137
RMS 0.4178
size [# of strips]

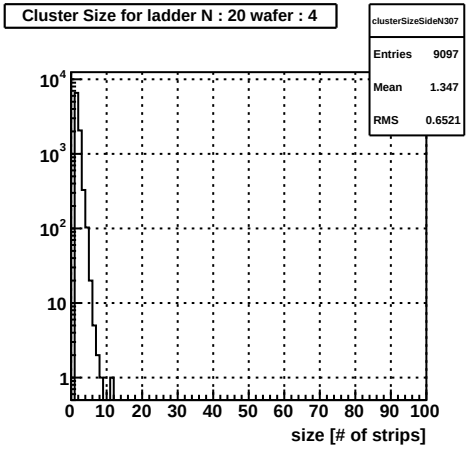

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 21273
Mean 1.286
RMS 0.6461
size [# of strips]

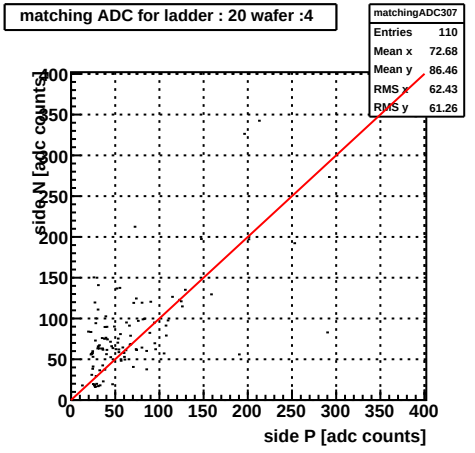

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2319
Mean x 75.63
Mean y 70.81
RMS x 53.29
RMS y 49.75
side N [adc counts]
side P [adc counts]

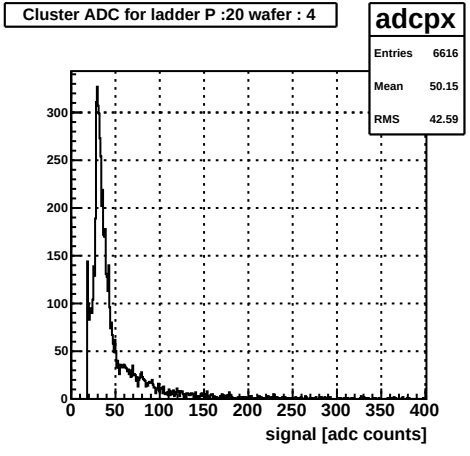

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 10146
Mean 53.98
RMS 50.07
signal [adc counts]

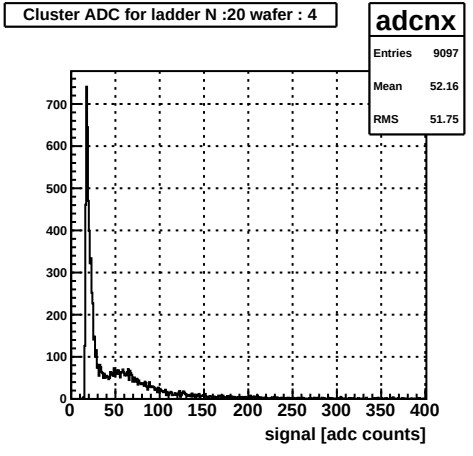

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 21273
Mean 43.79
RMS 46.55
signal [adc counts]

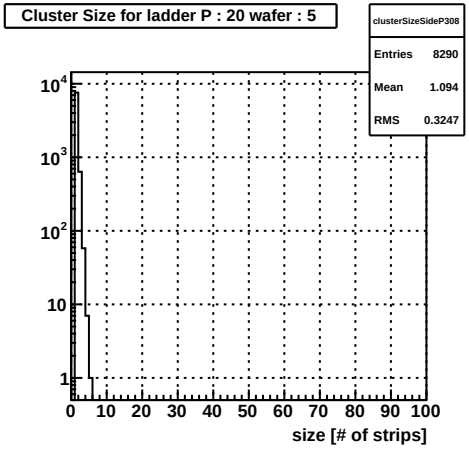

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6616
Mean 1.124
RMS 0.4072
size [# of strips]

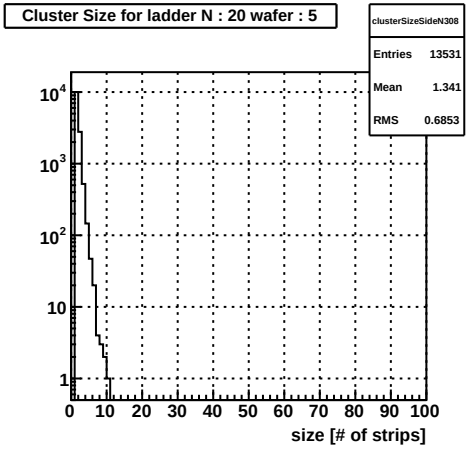

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9097
Mean 1.347
RMS 0.6521
size [# of strips]

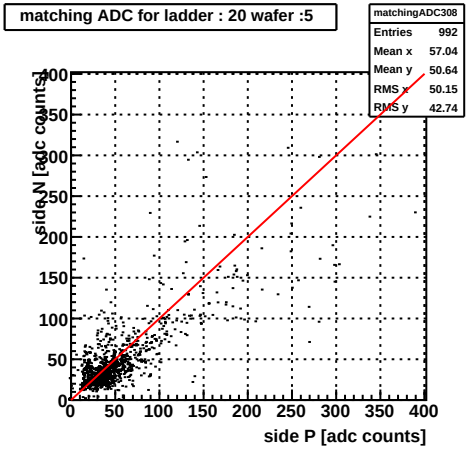

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 110
Mean x 72.68
Mean y 86.46
RMS x 62.43
RMS y 61.26
side N [adc counts]
side P [adc counts]

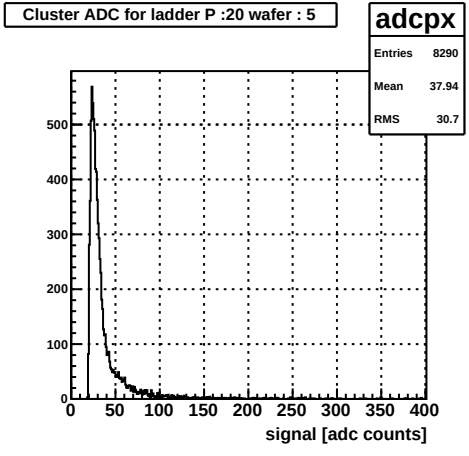

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6616
Mean 50.15
RMS 42.59
signal [adc counts]

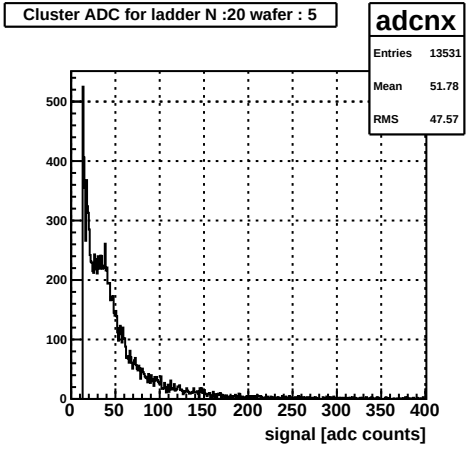

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9097
Mean 52.16
RMS 51.75
signal [adc counts]

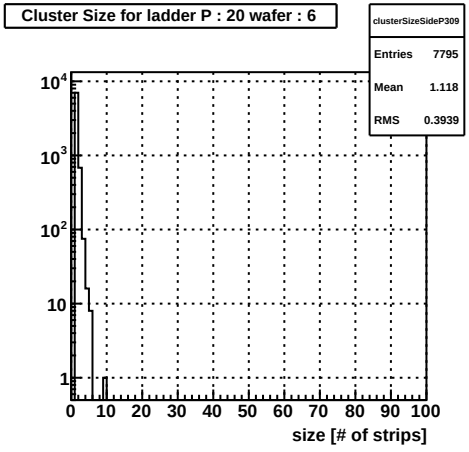

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 8290
Mean 1.094
RMS 0.3247
size [# of strips]

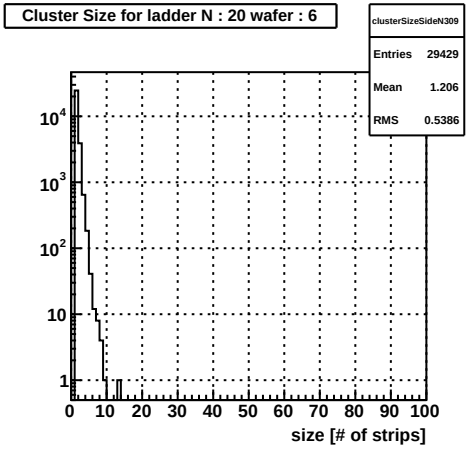

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 13531
Mean 1.341
RMS 0.6853
size [# of strips]

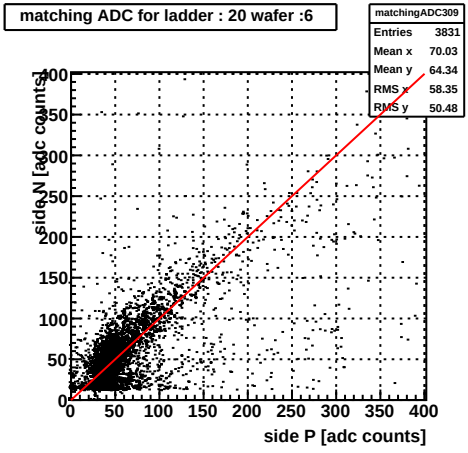

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 992
Mean x 57.04
Mean y 50.64
RMS x 50.15
RMS y 42.74
side N [adc counts]
side P [adc counts]

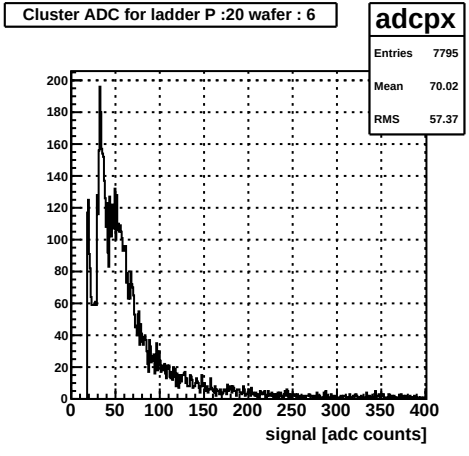

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 8290
Mean 37.94
RMS 30.7
signal [adc counts]

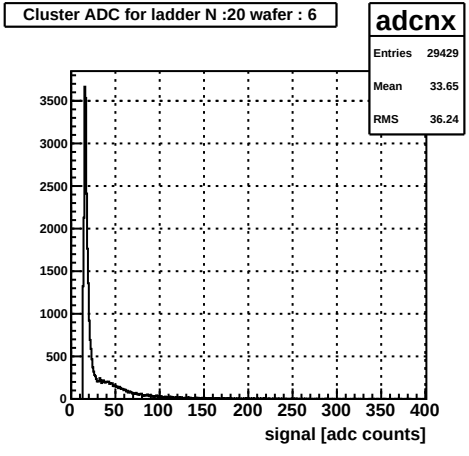

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 13531
Mean 51.78
RMS 47.57
signal [adc counts]

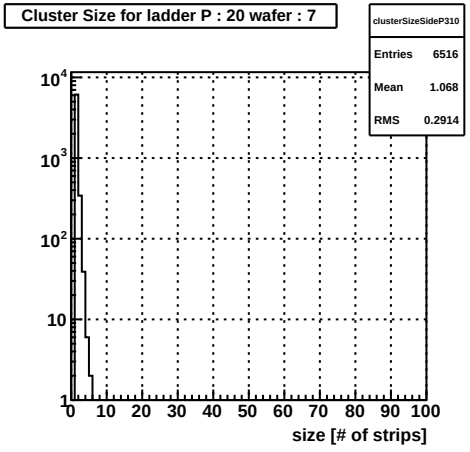

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7795
Mean 1.118
RMS 0.3939
size [# of strips]

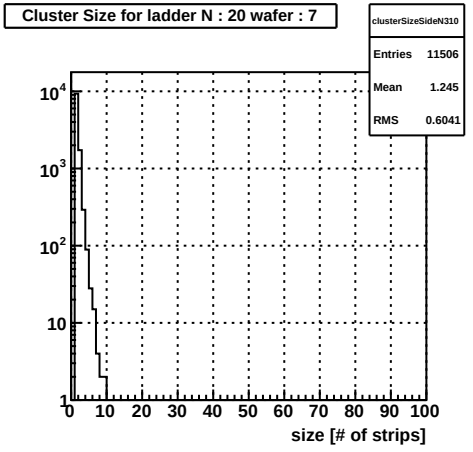

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 29429
Mean 1.206
RMS 0.5386
size [# of strips]

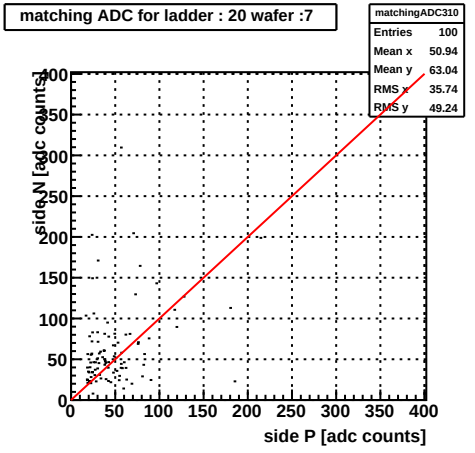

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3831
Mean x 70.03
Mean y 64.34
RMS x 58.35
RMS y 50.48
side N [adc counts]
side P [adc counts]

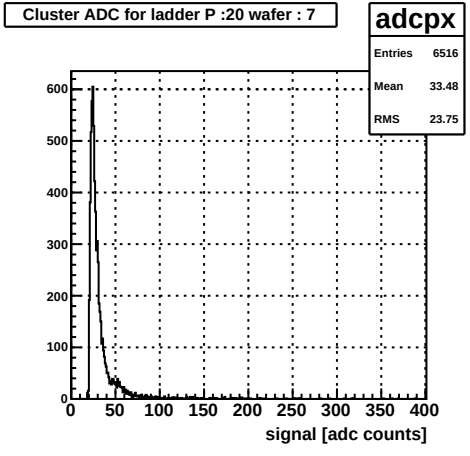

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7795
Mean 70.02
RMS 57.37
signal [adc counts]

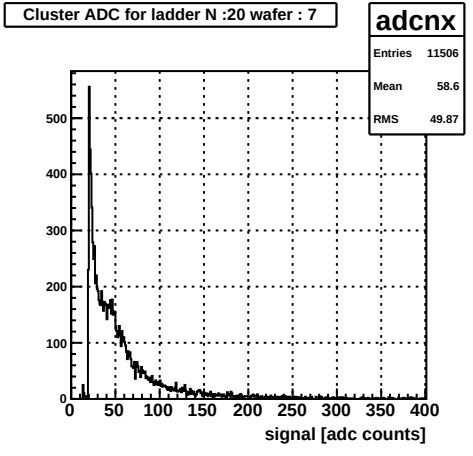

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 29429
Mean 33.65
RMS 36.24
signal [adc counts]

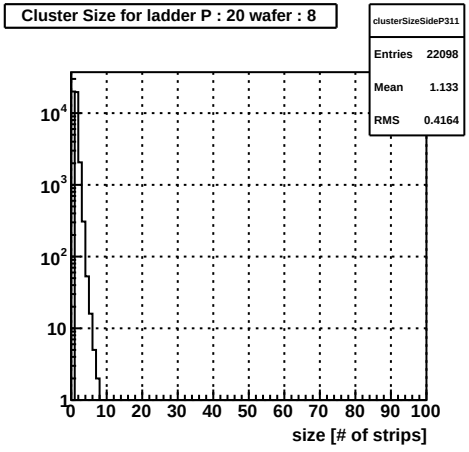

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 6516
Mean 1.068
RMS 0.2914
size [# of strips]

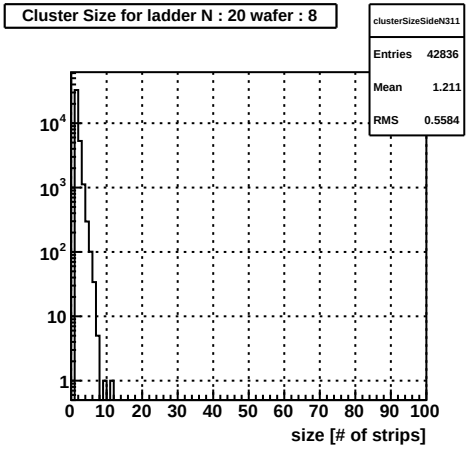

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11506
Mean 1.245
RMS 0.6041
size [# of strips]

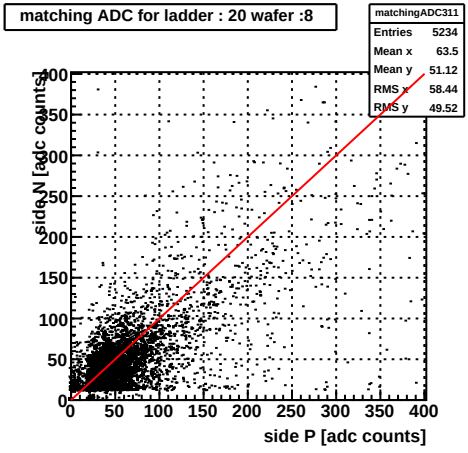

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 100
Mean x 50.94
Mean y 63.04
RMS x 35.74
RMS y 49.24
side N [adc counts]
side P [adc counts]

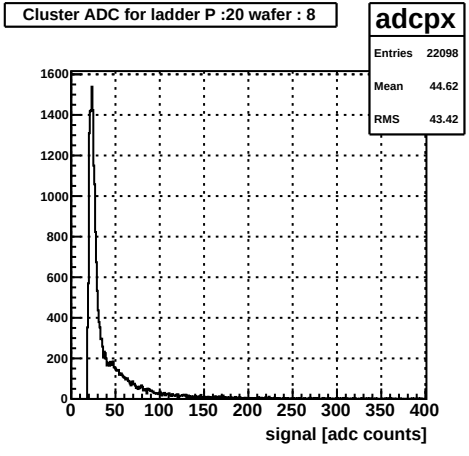

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 6516
Mean 33.48
RMS 23.75
signal [adc counts]

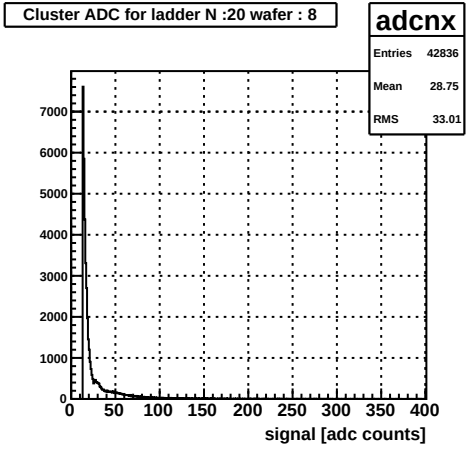

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11506
Mean 58.6
RMS 49.87
signal [adc counts]

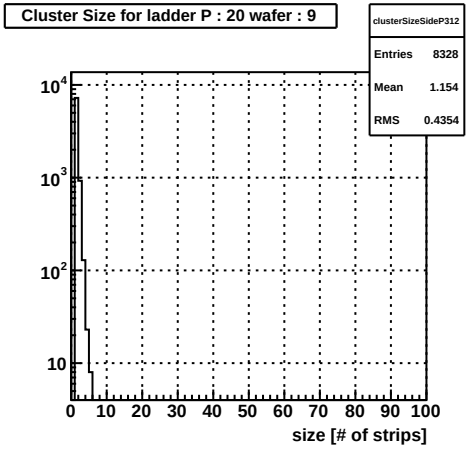

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 22098
Mean 1.133
RMS 0.4164
size [# of strips]

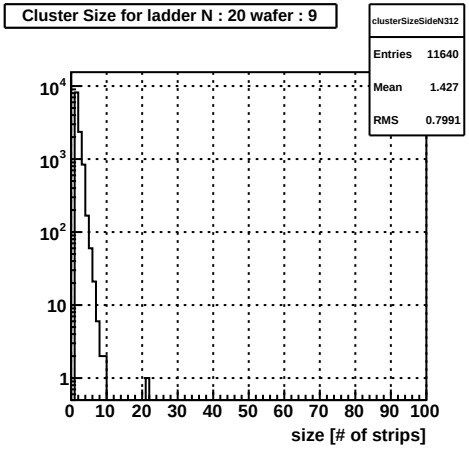

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 42836
Mean 1.211
RMS 0.5584
size [# of strips]

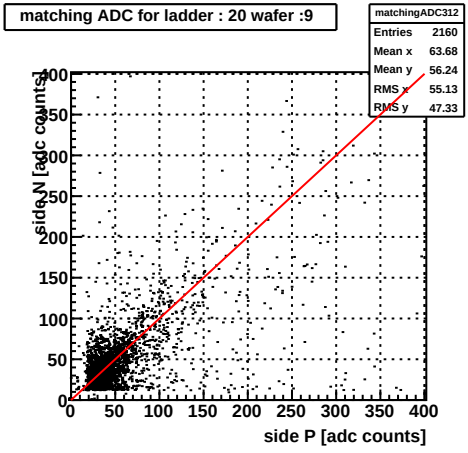

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 5234
Mean x 63.5
Mean y 51.12
RMS x 58.44
RMS y 49.52
side N [adc counts]
side P [adc counts]

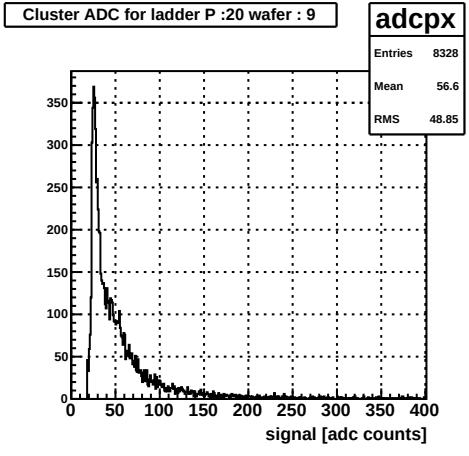

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 22098
Mean 44.62
RMS 43.42
signal [adc counts]

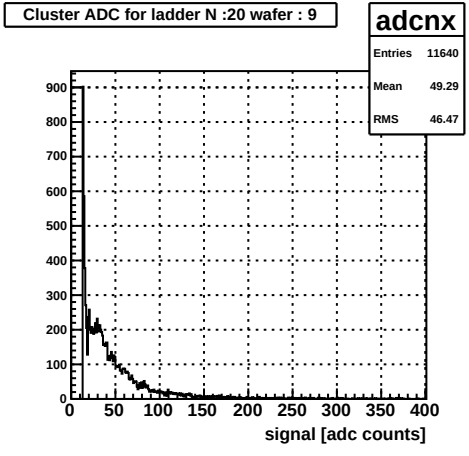

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 42836
Mean 28.75
RMS 33.01
signal [adc counts]

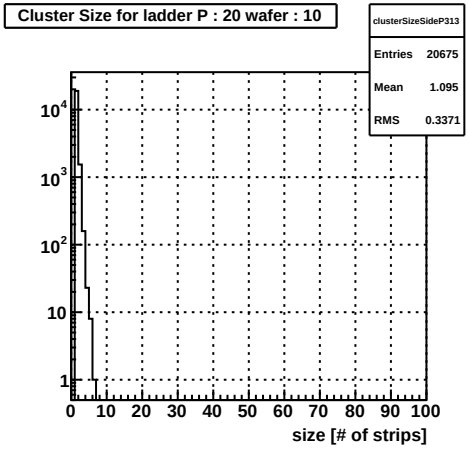

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 8328
Mean 1.154
RMS 0.4354
size [# of strips]

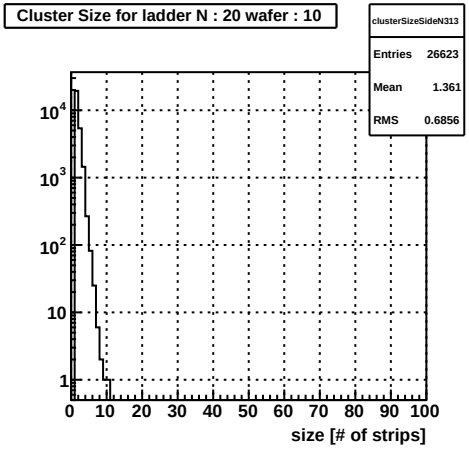

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11640
Mean 1.427
RMS 0.7991
size [# of strips]

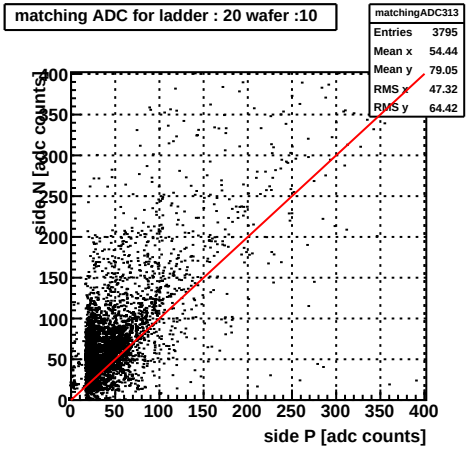

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2160
Mean x 63.68
Mean y 56.24
RMS x 55.13
RMS y 47.33
side N [adc counts]
side P [adc counts]

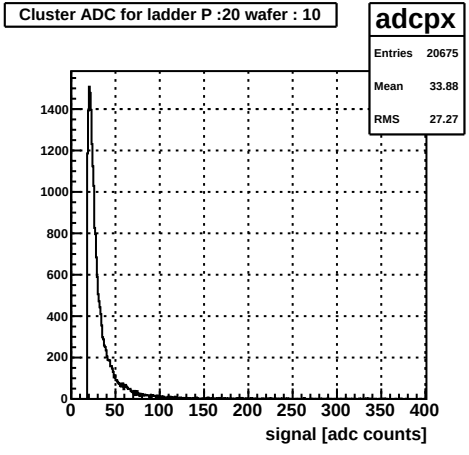

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 8328
Mean 56.6
RMS 48.85
signal [adc counts]

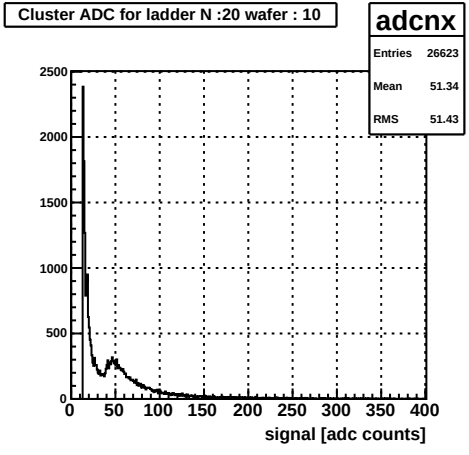

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11640
Mean 49.29
RMS 46.47
signal [adc counts]

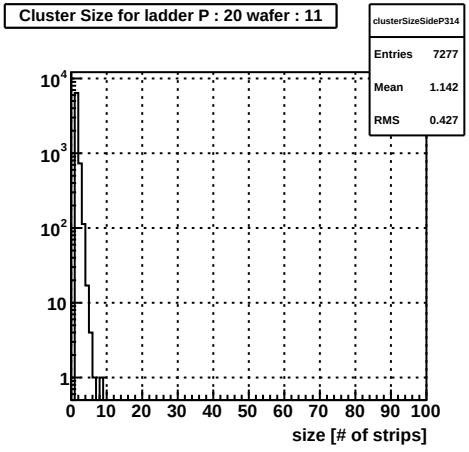

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 20675
Mean 1.095
RMS 0.3371
size [# of strips]

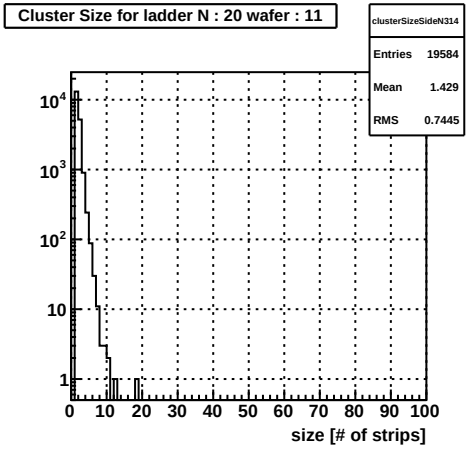

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 26623
Mean 1.361
RMS 0.6856
size [# of strips]

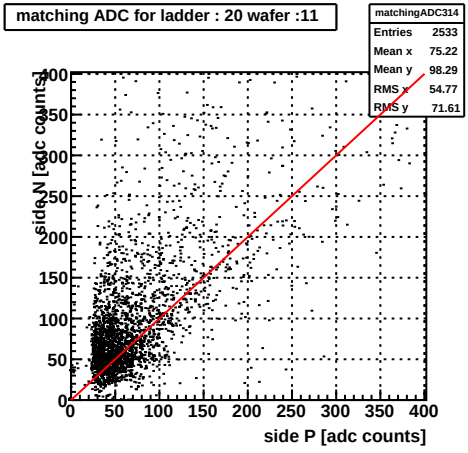

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3795
Mean x 54.44
Mean y 79.05
RMS x 47.32
RMS y 64.42
side N [adc counts]
side P [adc counts]

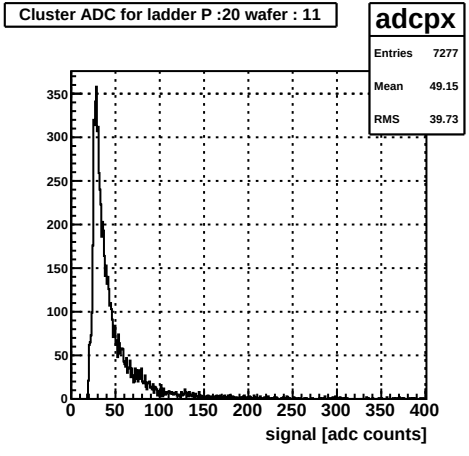

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 20675
Mean 33.88
RMS 27.27
signal [adc counts]

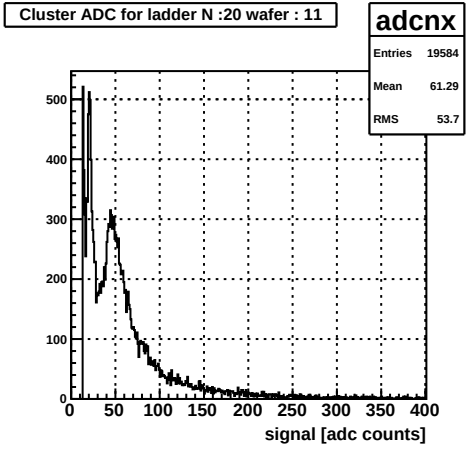

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 26623
Mean 51.34
RMS 51.43
signal [adc counts]

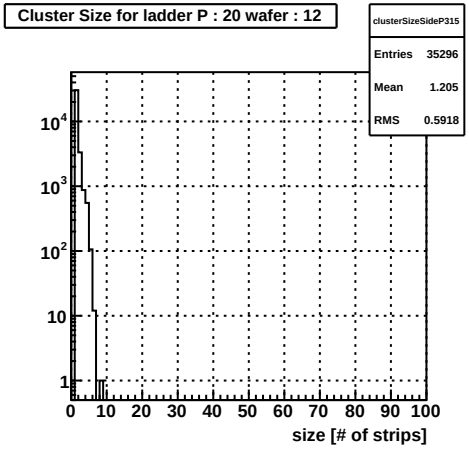

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7277
Mean 1.142
RMS 0.427
size [# of strips]

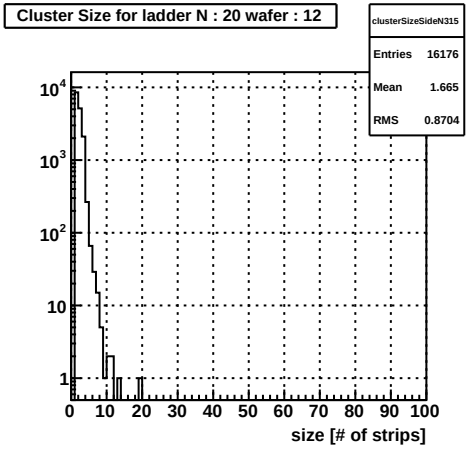

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 19584
Mean 1.429
RMS 0.7445
size [# of strips]

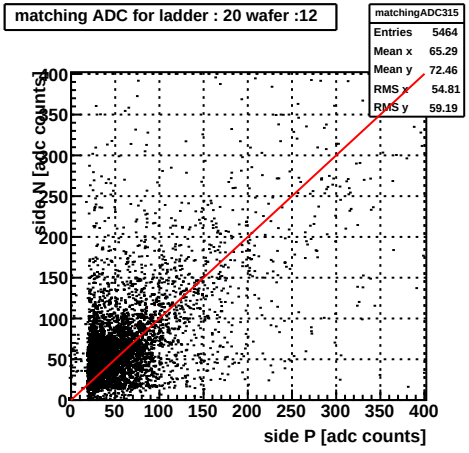

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2533
Mean x 75.22
Mean y 98.29
RMS x 54.77
RMS y 71.61
side N [adc counts]
side P [adc counts]

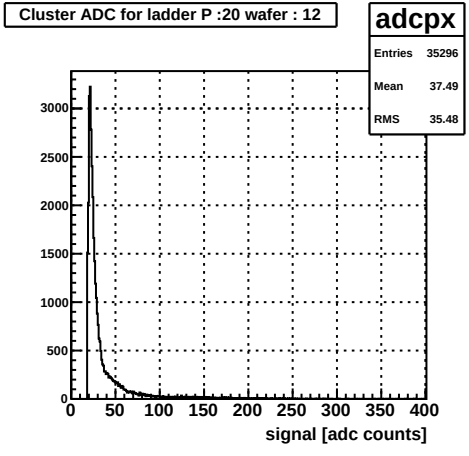

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7277
Mean 49.15
RMS 39.73
signal [adc counts]

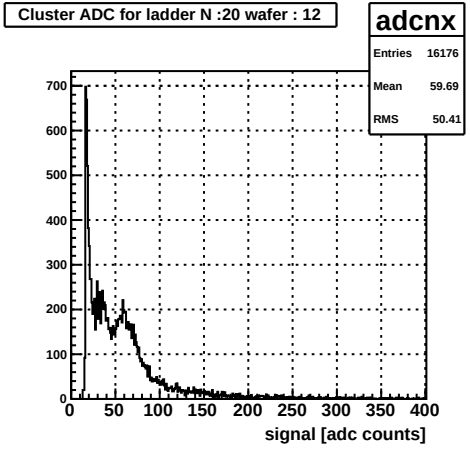

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 19584
Mean 61.29
RMS 53.7
signal [adc counts]

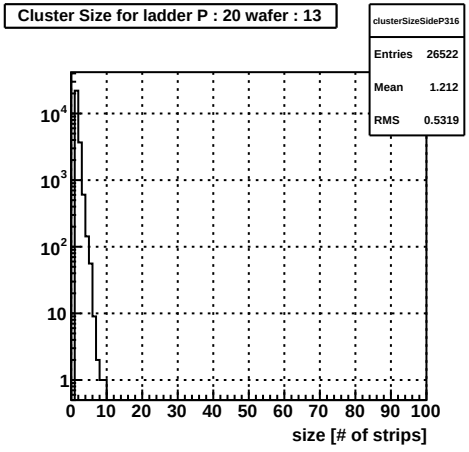

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 35296
Mean 1.205
RMS 0.5918
size [# of strips]

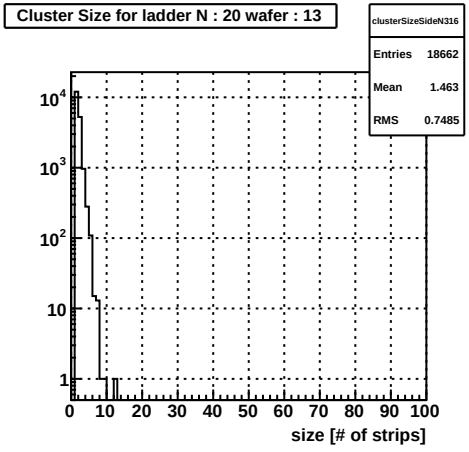

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 16176
Mean 1.665
RMS 0.8704
size [# of strips]

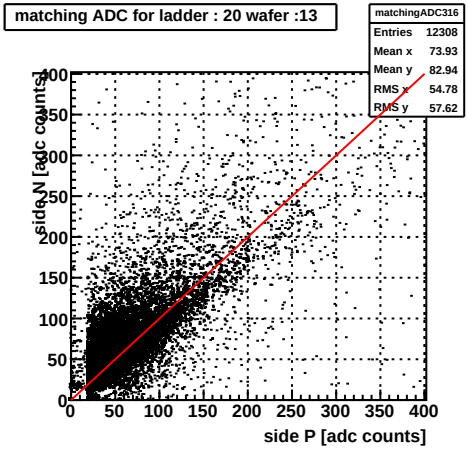

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 5464
Mean x 65.29
Mean y 72.46
RMS x 54.81
RMS y 59.19
side N [adc counts]
side P [adc counts]

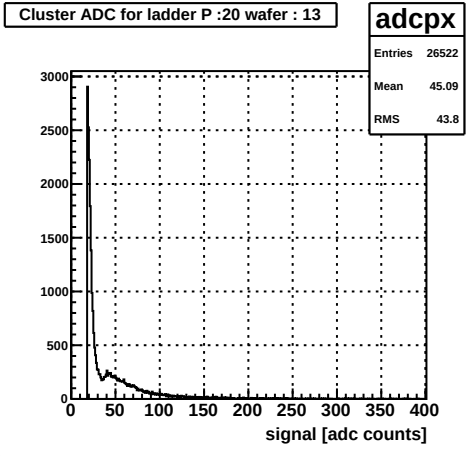

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 35296
Mean 37.49
RMS 35.48
signal [adc counts]

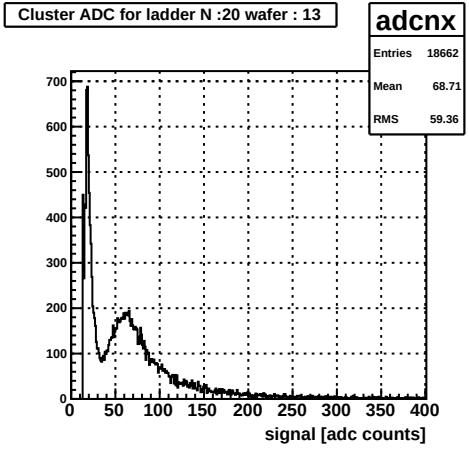

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 16176
Mean 59.69
RMS 50.41
signal [adc counts]

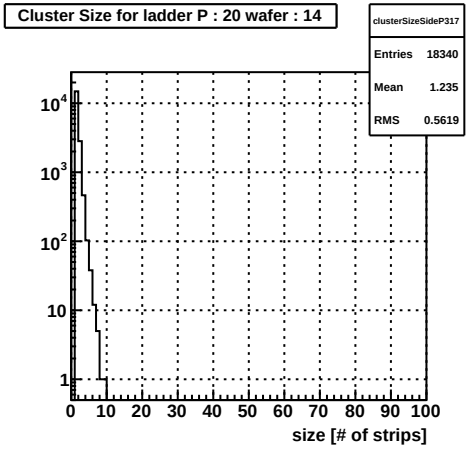

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 26522
Mean 1.212
RMS 0.5319
size [# of strips]

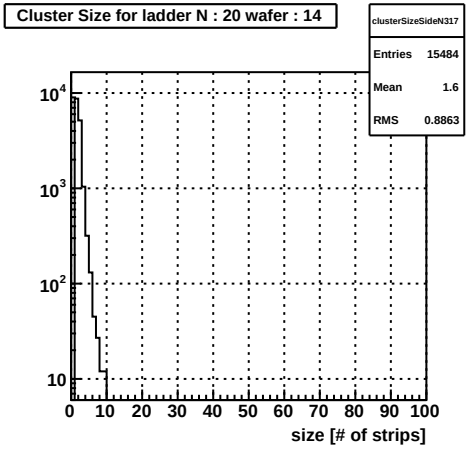

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 18662
Mean 1.463
RMS 0.7485
size [# of strips]

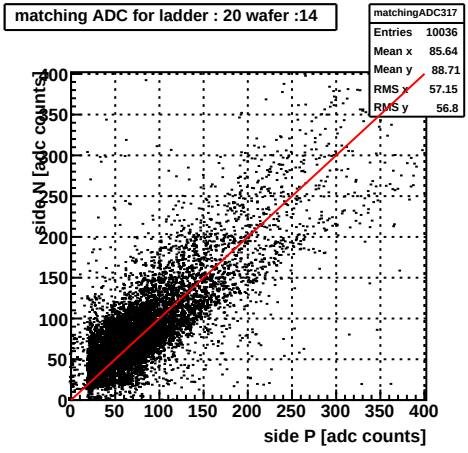

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12308
Mean x 73.93
Mean y 82.94
RMS x 54.78
RMS y 57.62
side N [adc counts]
side P [adc counts]

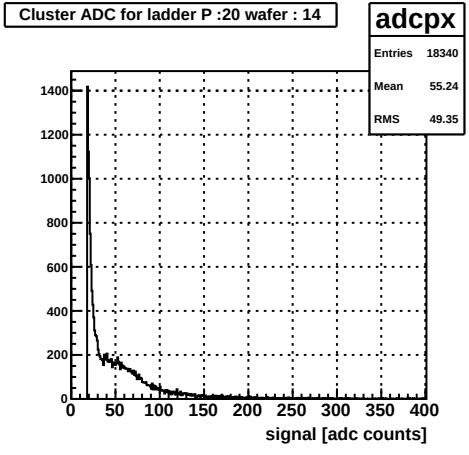

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 26522
Mean 45.09
RMS 43.8
signal [adc counts]

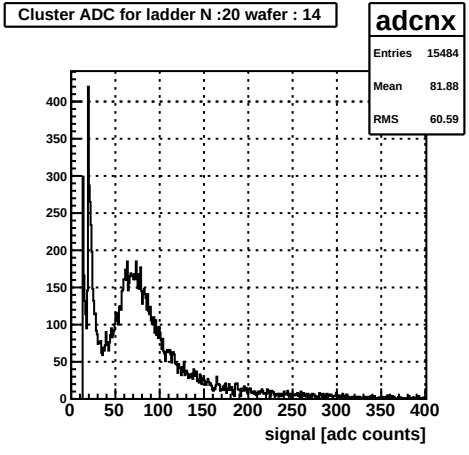

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 18662
Mean 68.71
RMS 59.36
signal [adc counts]

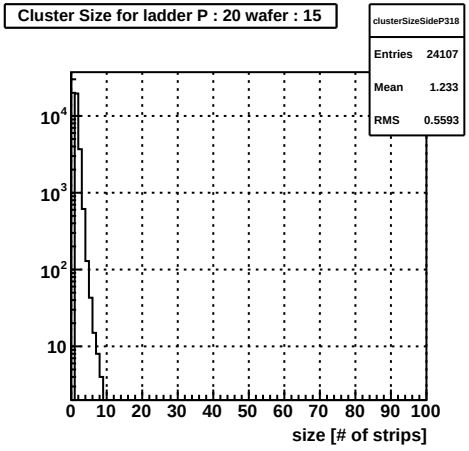

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 18340
Mean 1.235
RMS 0.5619
size [# of strips]

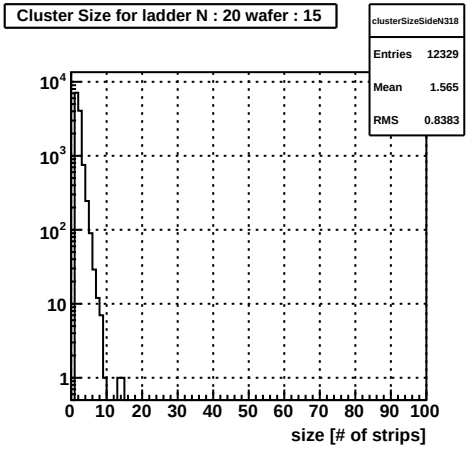

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15484
Mean 1.6
RMS 0.8863
size [# of strips]

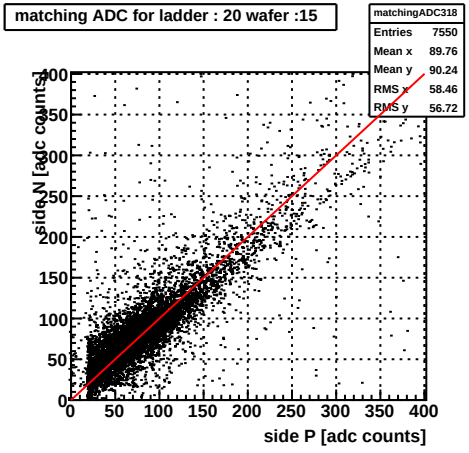

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10036
Mean x 85.64
Mean y 88.71
RMS x 57.15
RMS y 56.8
side N [adc counts]
side P [adc counts]

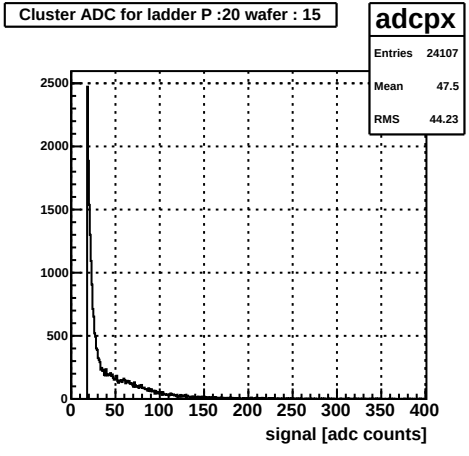

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 18340
Mean 55.24
RMS 49.35
signal [adc counts]

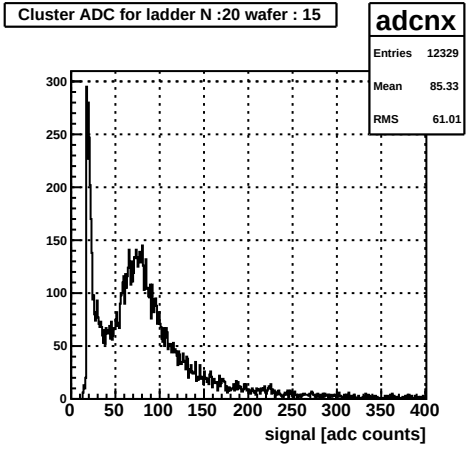

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15484
Mean 81.88
RMS 60.59
signal [adc counts]

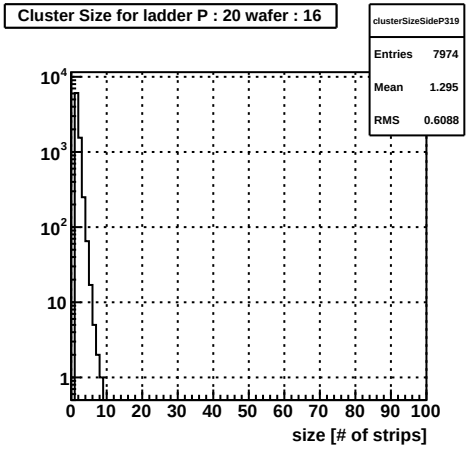

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 24107
Mean 1.233
RMS 0.5593
size [# of strips]

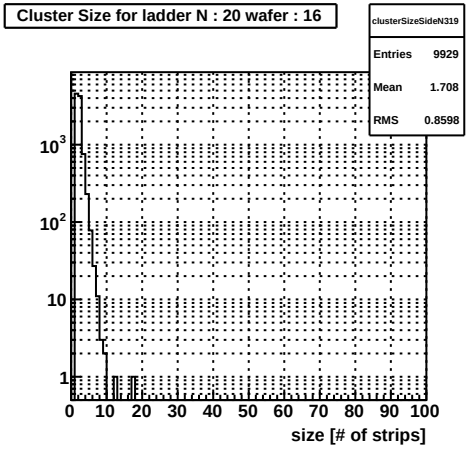

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 12329
Mean 1.565
RMS 0.8383
size [# of strips]

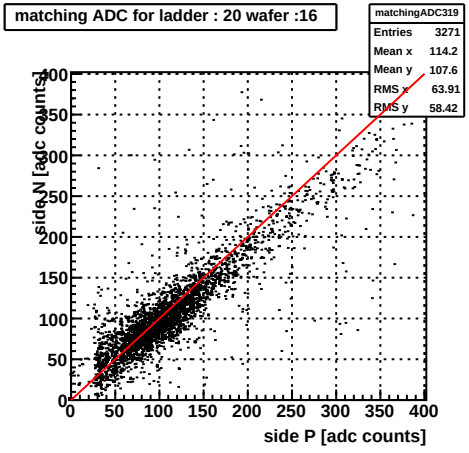

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7550
Mean x 89.76
Mean y 90.24
RMS x 58.46
RMS y 56.72
side N [adc counts]
side P [adc counts]

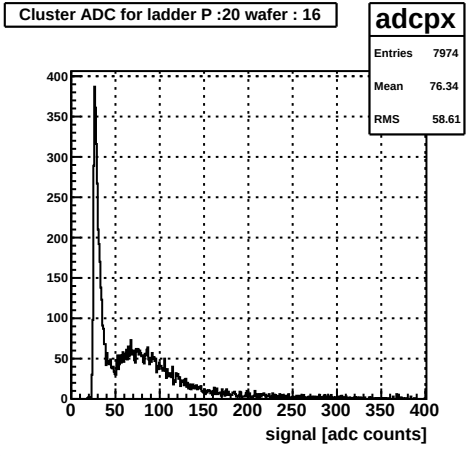

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 24107
Mean 47.5
RMS 44.23
signal [adc counts]

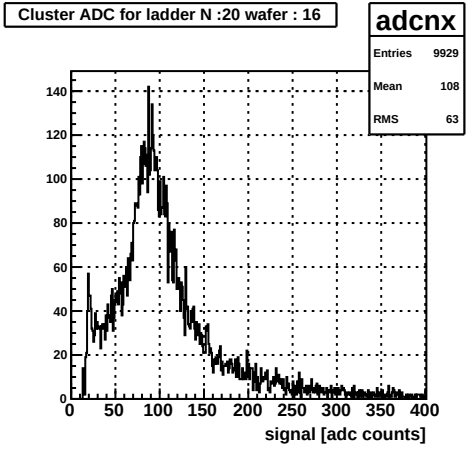

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 12329
Mean 85.33
RMS 61.01
signal [adc counts]

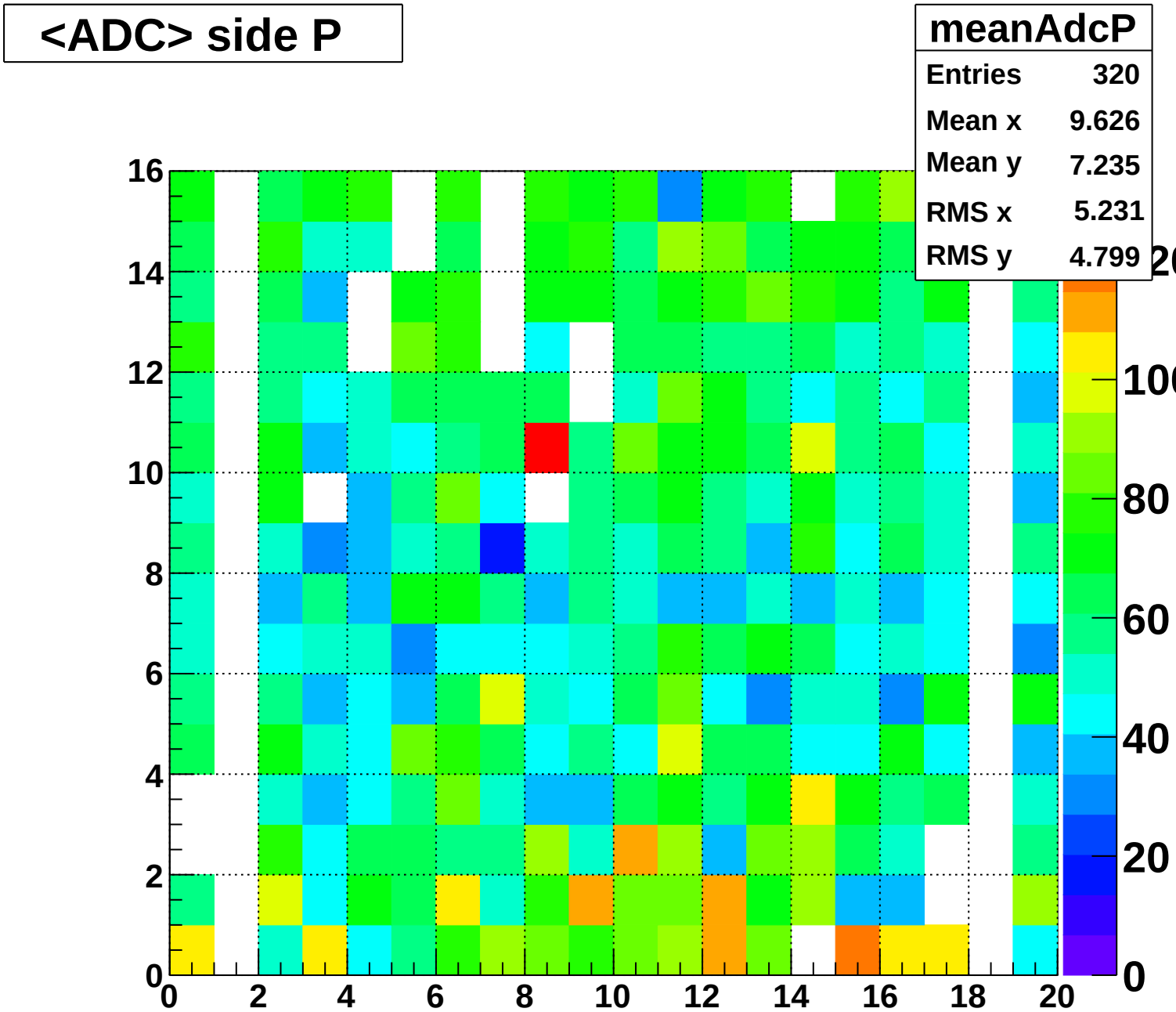

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 7974
Mean 1.295
RMS 0.6088
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 9929
Mean 1.708
RMS 0.8598
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3271
Mean x 114.2
Mean y 107.6
RMS x 63.91
RMS y 58.42
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 7974
Mean 76.34
RMS 58.61
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 9929
Mean 108
RMS 63
signal [adc counts]



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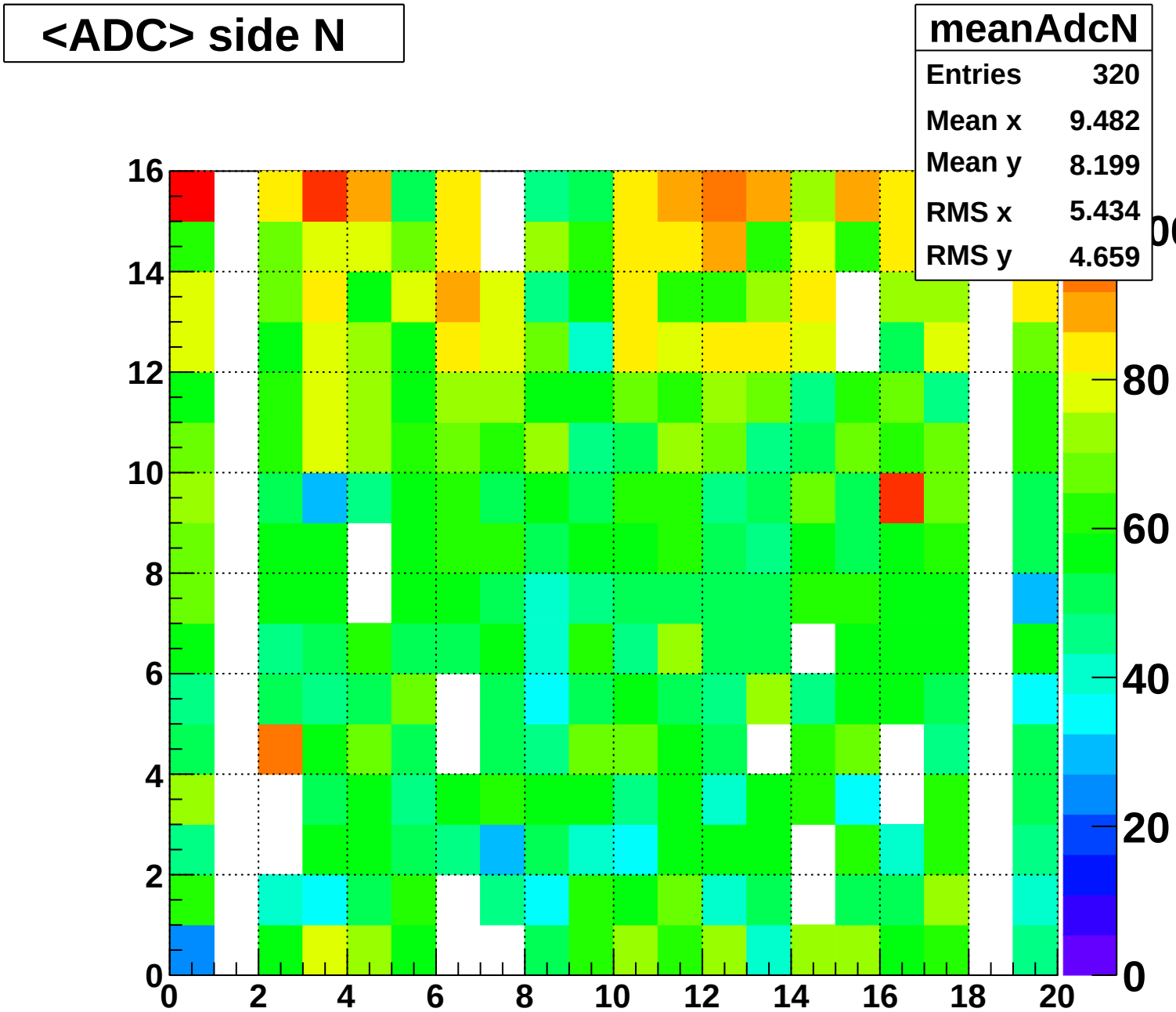

2016-06-24 01:40:57