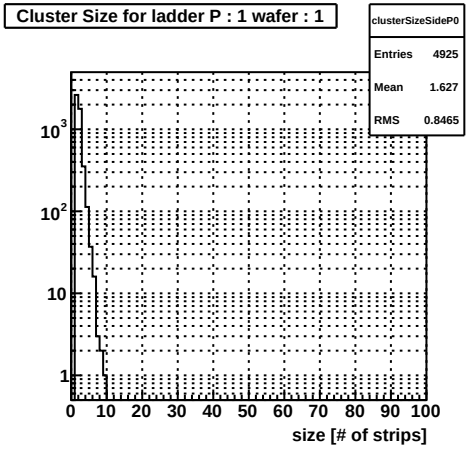
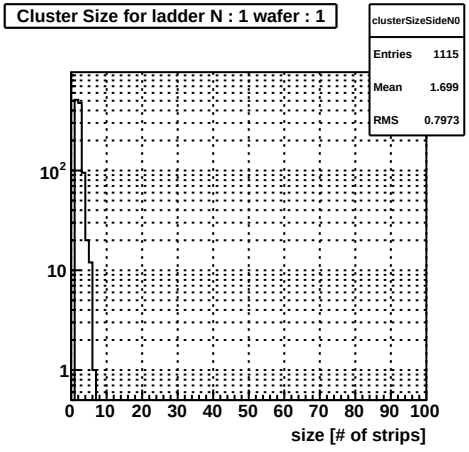
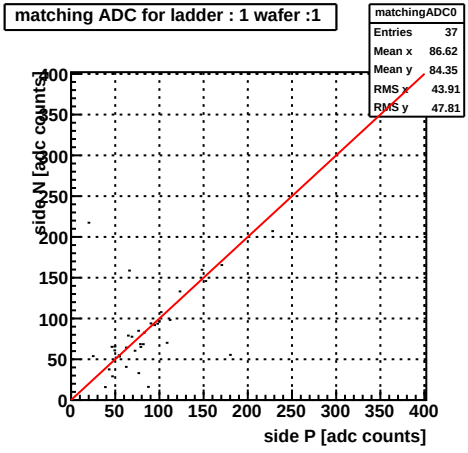
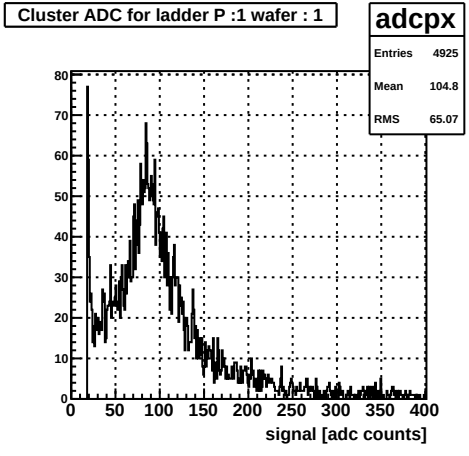
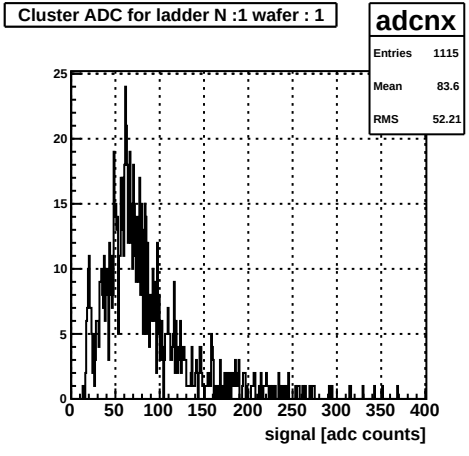
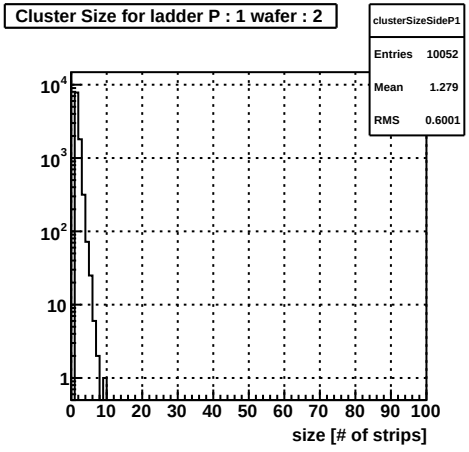

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4925
Mean 1.627
RMS 0.8465
size [# of strips]

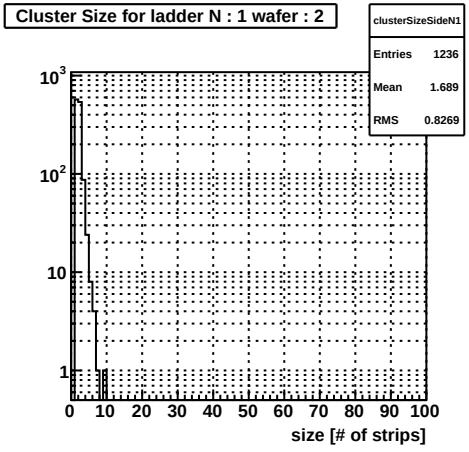

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1115
Mean 1.699
RMS 0.7973
size [# of strips]

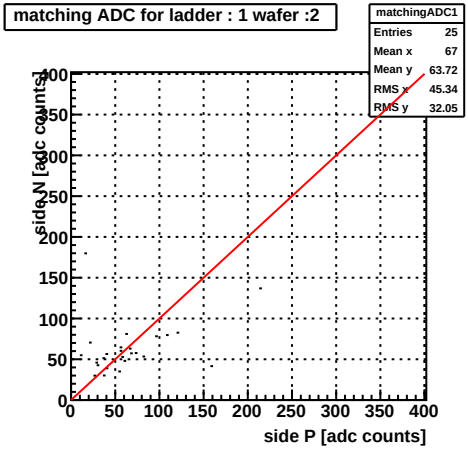

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 37
Mean x 86.62
Mean y 84.35
RMS x 43.91
RMS y 47.81
side N [adc counts]
side P [adc counts]

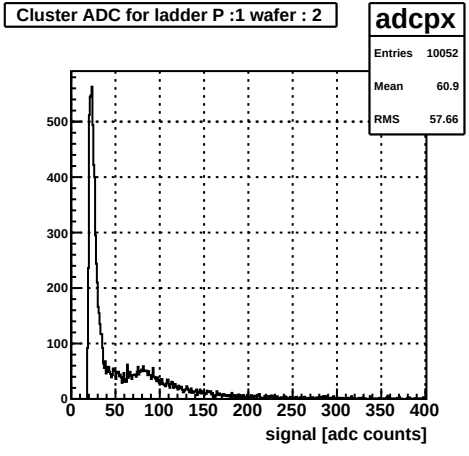

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4925
Mean 104.8
RMS 65.07
signal [adc counts]

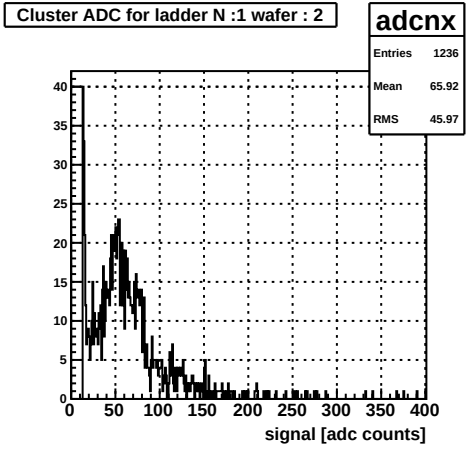

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1115
Mean 83.6
RMS 52.21
signal [adc counts]

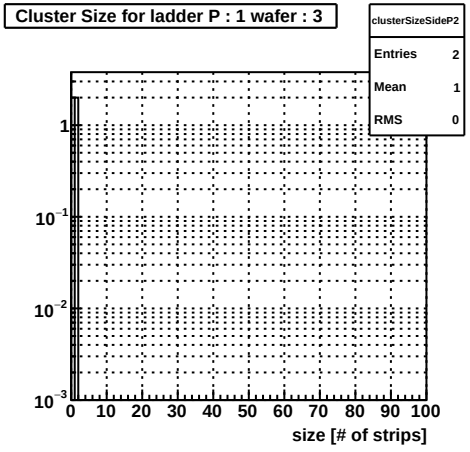

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 10052
Mean 1.279
RMS 0.6001
size [# of strips]

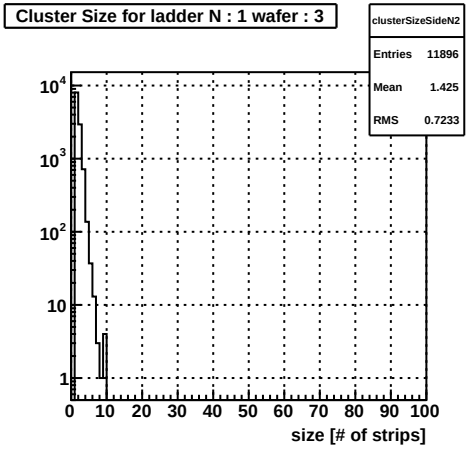

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 1236
Mean 1.689
RMS 0.8269
size [# of strips]

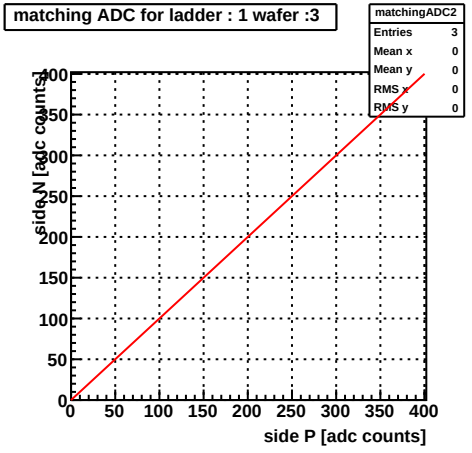

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 25
Mean x 67
Mean y 63.72
RMS x 45.34
RMS y 32.05
side N [adc counts]
side P [adc counts]

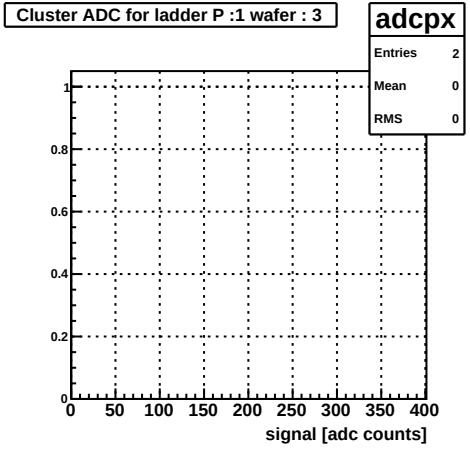

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 10052
Mean 60.9
RMS 57.66
signal [adc counts]

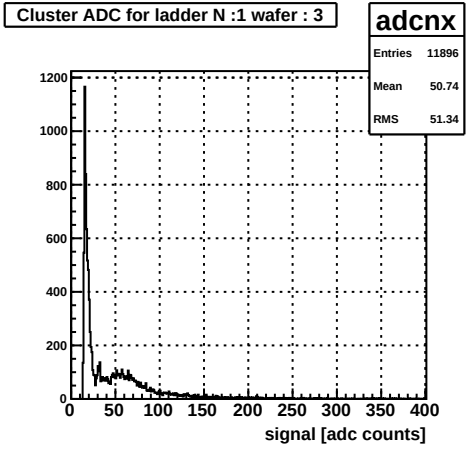

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 1236
Mean 65.92
RMS 45.97
signal [adc counts]

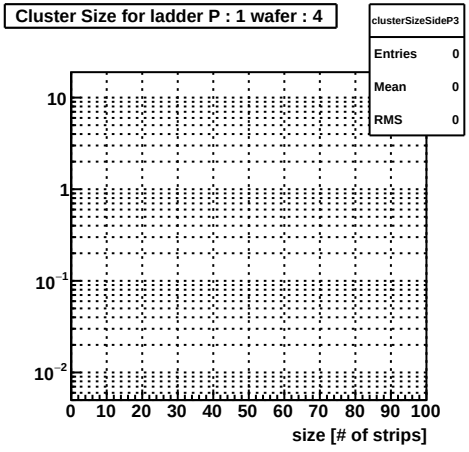

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

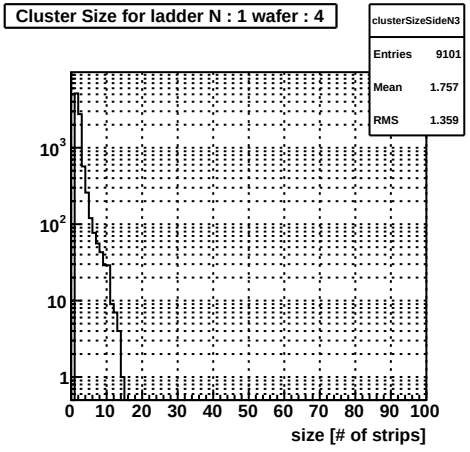

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 11896
Mean 1.425
RMS 0.7233
size [# of strips]

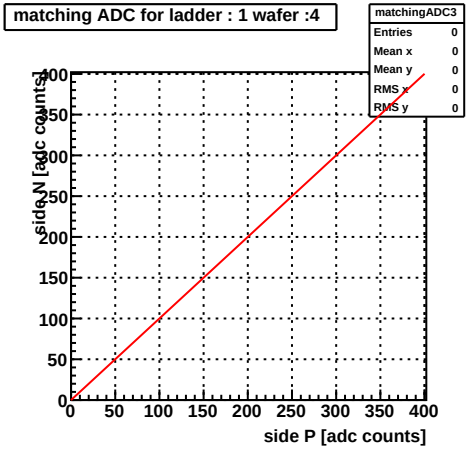

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

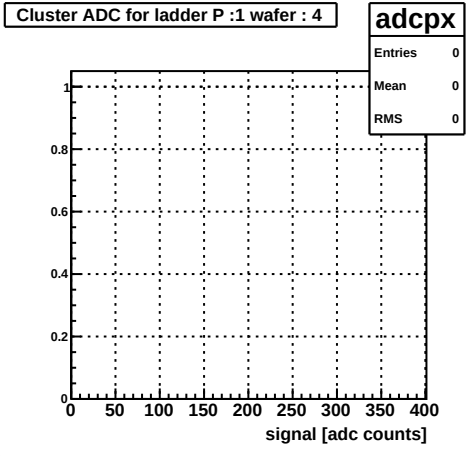

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

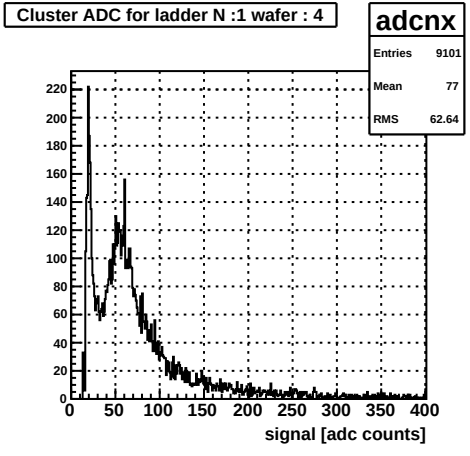

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 11896
Mean 50.74
RMS 51.34
signal [adc counts]

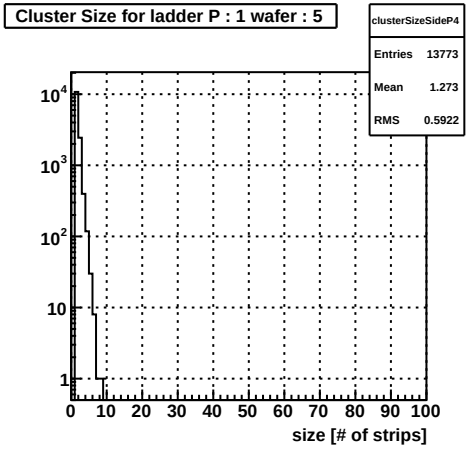

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

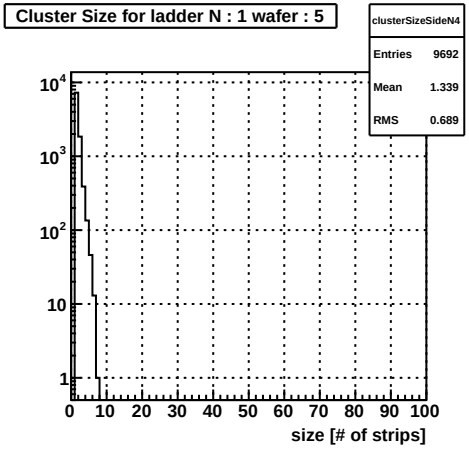

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 9101
Mean 1.757
RMS 1.359
size [# of strips]

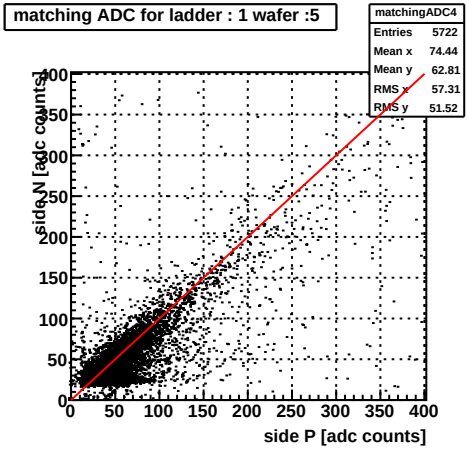

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

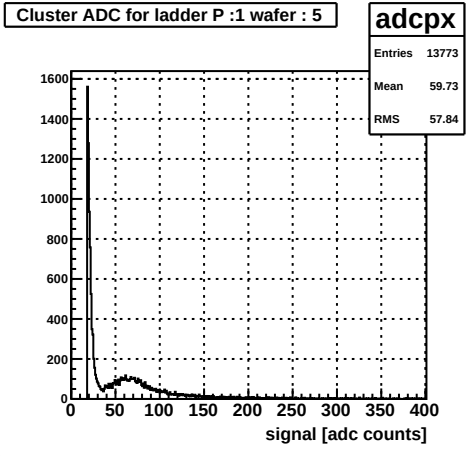

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

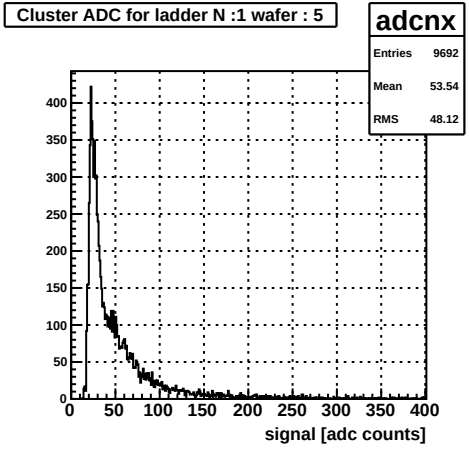

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 9101
Mean 77
RMS 62.64
signal [adc counts]

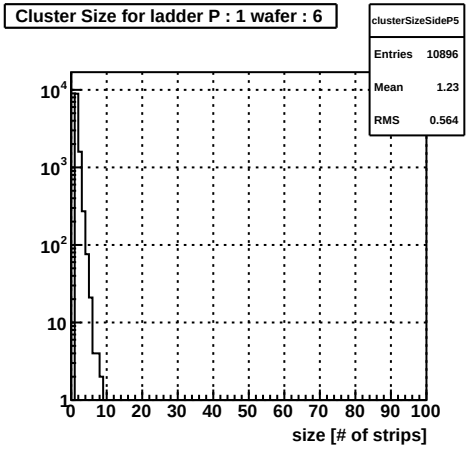

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 13773
Mean 1.273
RMS 0.5922
size [# of strips]

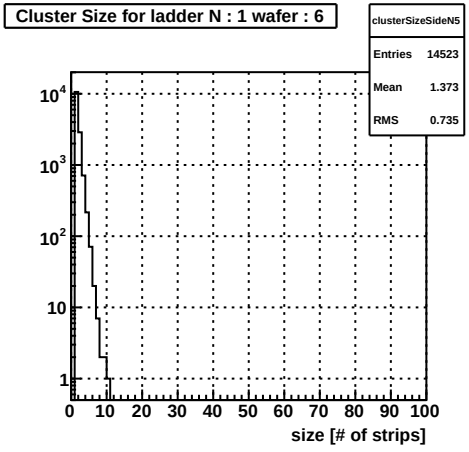

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 9692
Mean 1.339
RMS 0.689
size [# of strips]

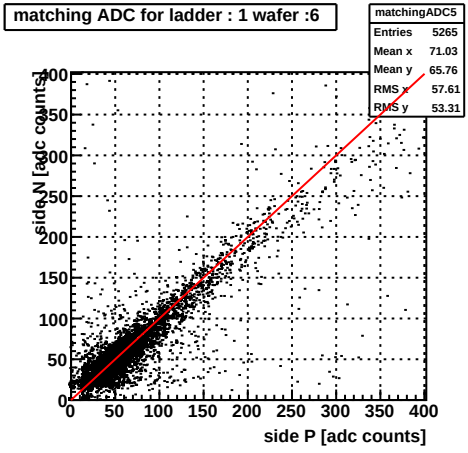

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 5722
Mean x 74.44
Mean y 62.81
RMS x 57.31
RMS y 51.52
side N [adc counts]
side P [adc counts]

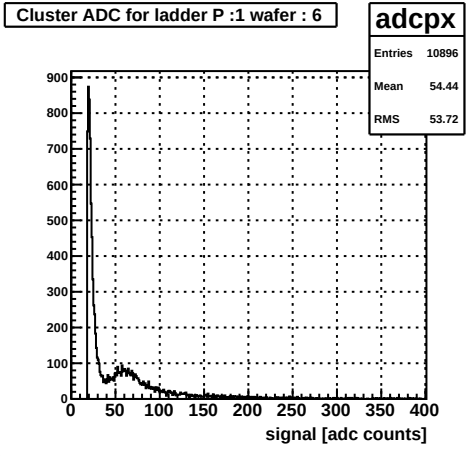

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 13773
Mean 59.73
RMS 57.84
signal [adc counts]

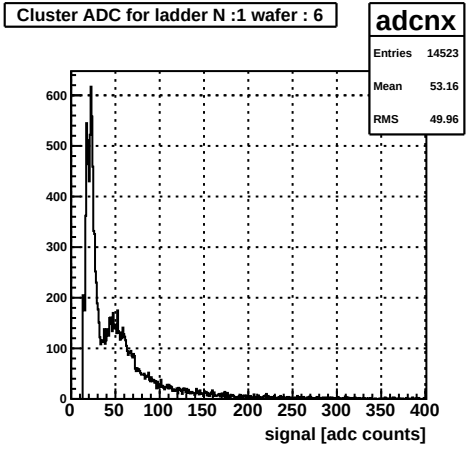

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 9692
Mean 53.54
RMS 48.12
signal [adc counts]

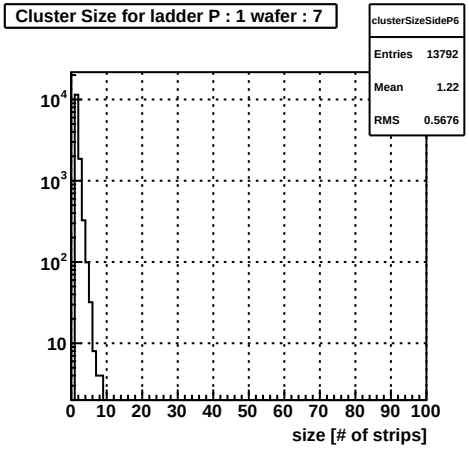

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 10896
Mean 1.23
RMS 0.564
size [# of strips]

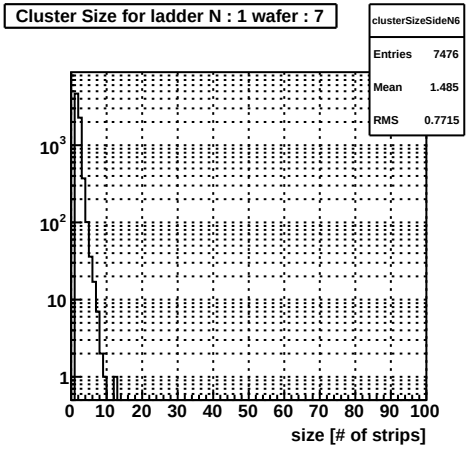

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 14523
Mean 1.373
RMS 0.735
size [# of strips]

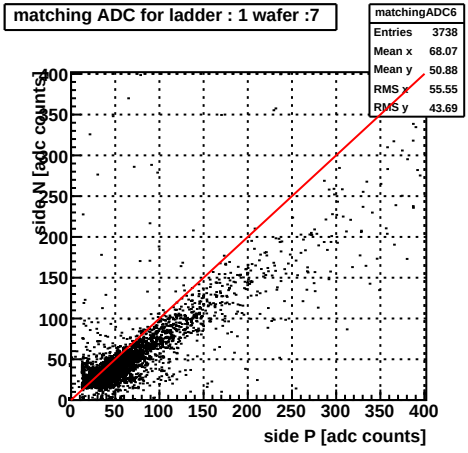

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 5265
Mean x 71.03
Mean y 65.76
RMS x 57.61
RMS y 53.31
side N [adc counts]
side P [adc counts]

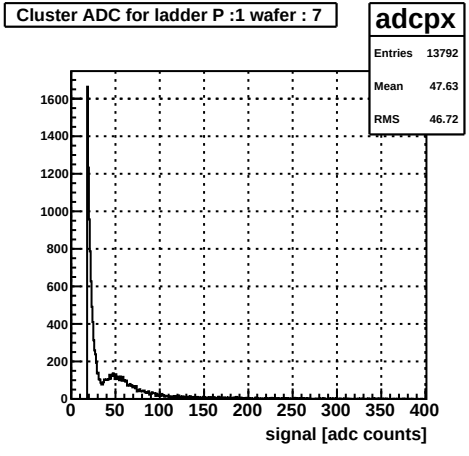

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 10896
Mean 54.44
RMS 53.72
signal [adc counts]

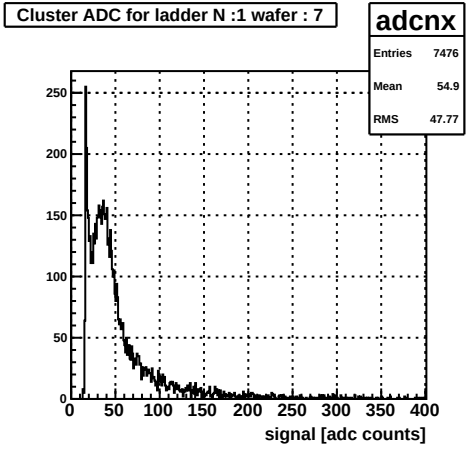

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 14523
Mean 53.16
RMS 49.96
signal [adc counts]

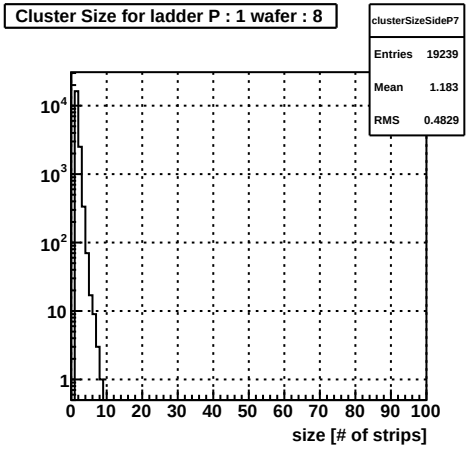

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 13792
Mean 1.22
RMS 0.5676
size [# of strips]

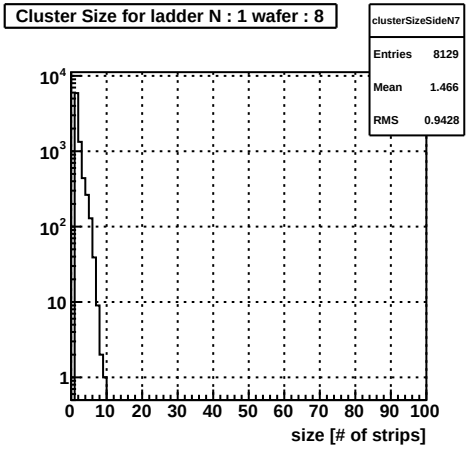

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 7476
Mean 1.485
RMS 0.7715
size [# of strips]

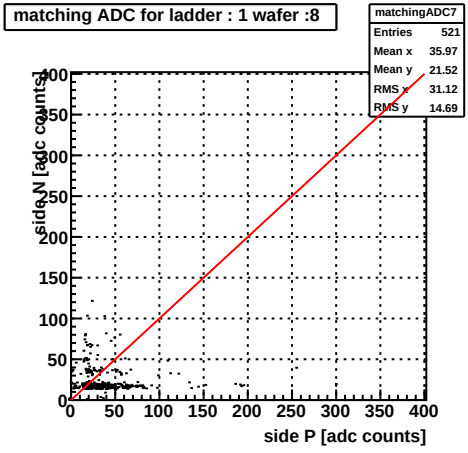

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3738
Mean x 68.07
Mean y 50.88
RMS x 55.55
RMS y 43.69
side N [adc counts]
side P [adc counts]

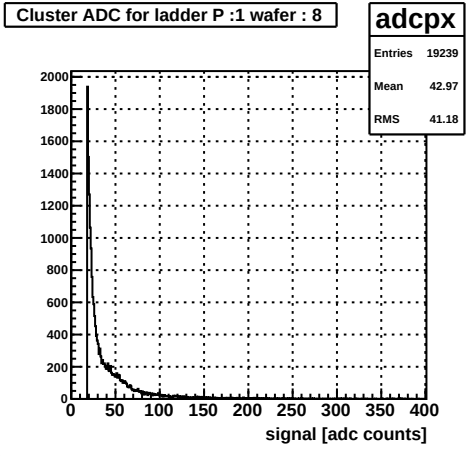

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 13792
Mean 47.63
RMS 46.72
signal [adc counts]

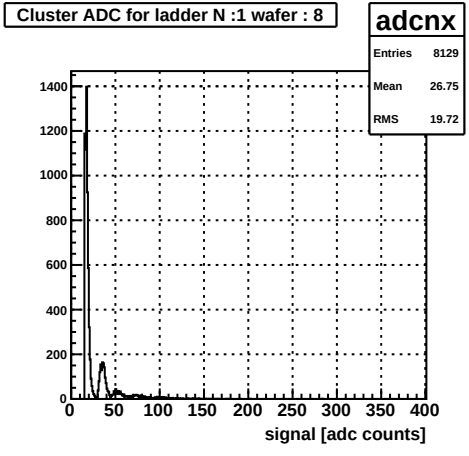

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 7476
Mean 54.9
RMS 47.77
signal [adc counts]

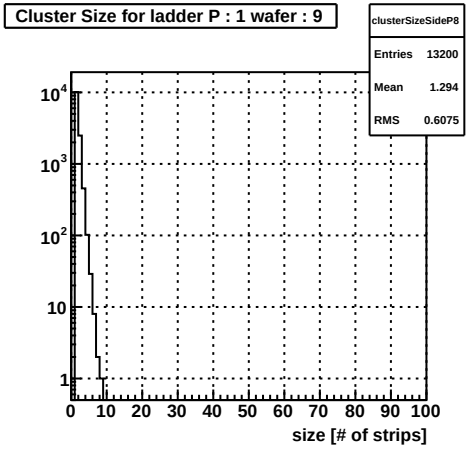

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 19239
Mean 1.183
RMS 0.4829
size [# of strips]

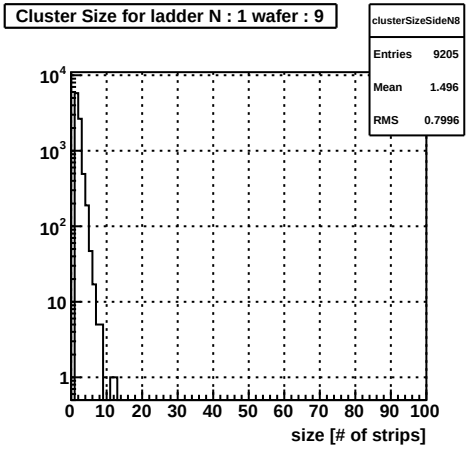

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8129
Mean 1.466
RMS 0.9428
size [# of strips]

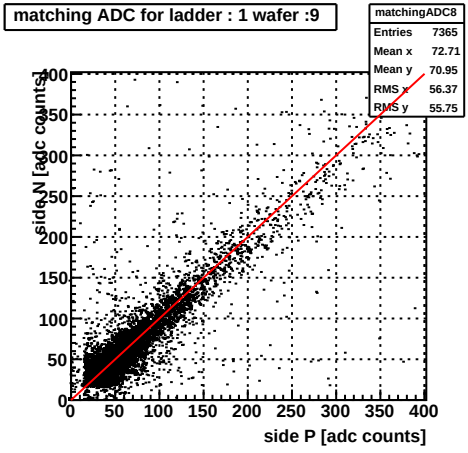

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 521
Mean x 35.97
Mean y 21.52
RMS x 31.12
RMS y 14.69
side N [adc counts]
side P [adc counts]

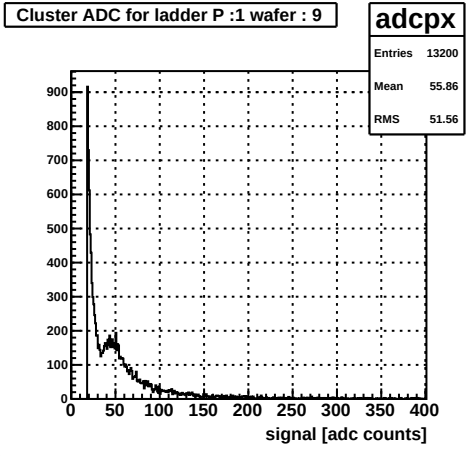

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 19239
Mean 42.97
RMS 41.18
signal [adc counts]

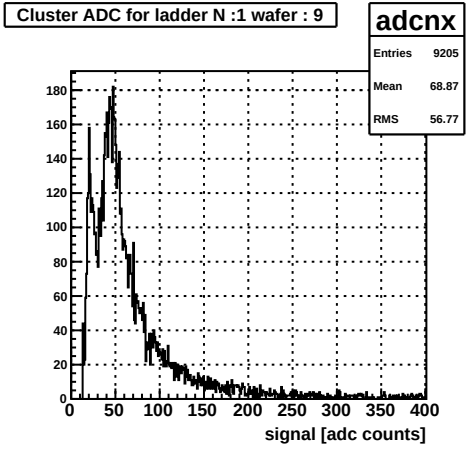

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8129
Mean 26.75
RMS 19.72
signal [adc counts]

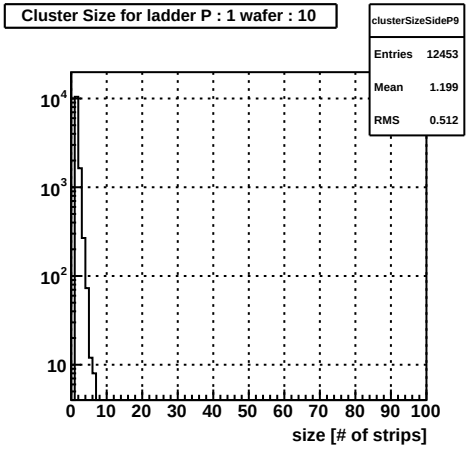

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 13200
Mean 1.294
RMS 0.6075
size [# of strips]

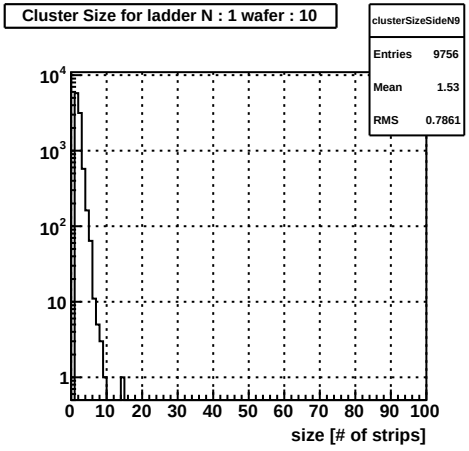

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 9205
Mean 1.496
RMS 0.7996
size [# of strips]

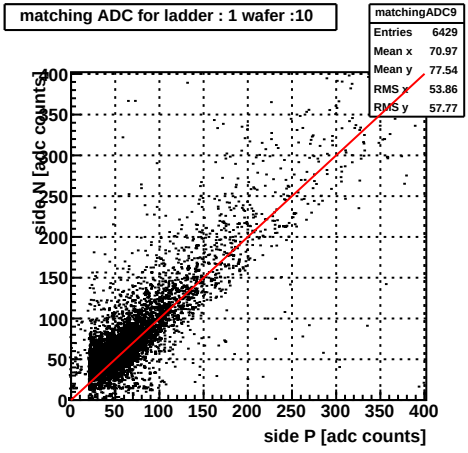

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 7365
Mean x 72.71
Mean y 70.95
RMS x 56.37
RMS y 55.75
side N [adc counts]
side P [adc counts]

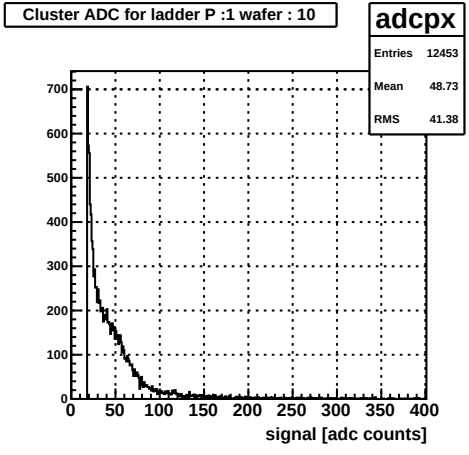

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 13200
Mean 55.86
RMS 51.56
signal [adc counts]

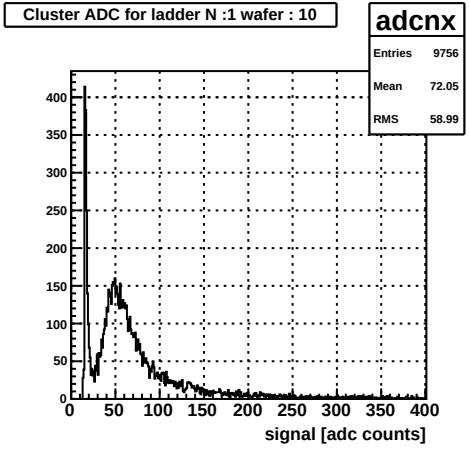

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 9205
Mean 68.87
RMS 56.77
signal [adc counts]

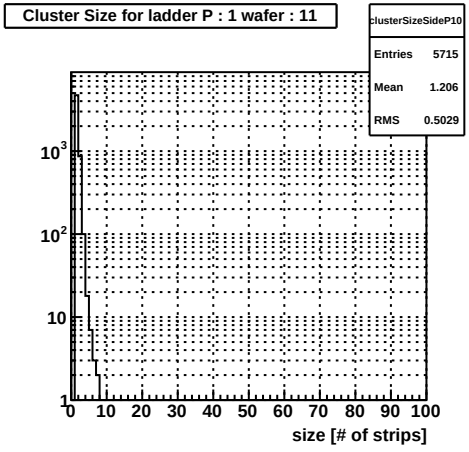

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 12453
Mean 1.199
RMS 0.512
size [# of strips]

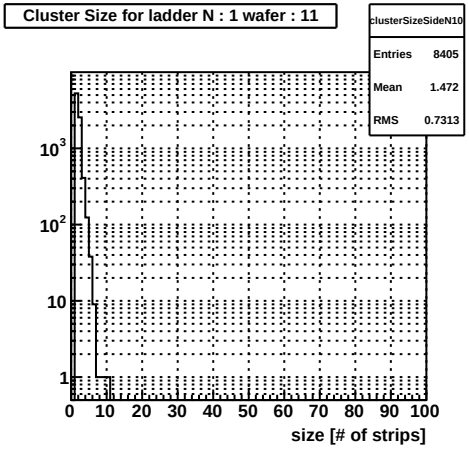

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 9756
Mean 1.53
RMS 0.7861
size [# of strips]

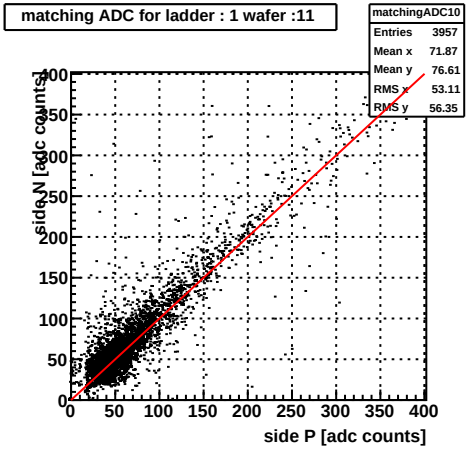

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 6429
Mean x 70.97
Mean y 77.54
RMS x 53.86
RMS y 57.77
side N [adc counts]
side P [adc counts]

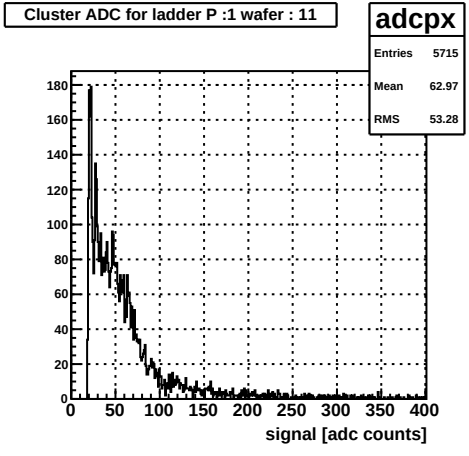

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 12453
Mean 48.73
RMS 41.38
signal [adc counts]

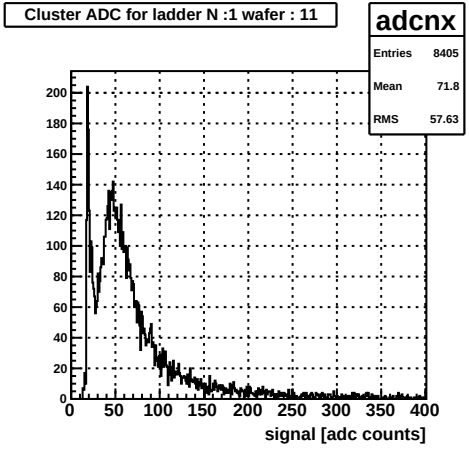

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 9756
Mean 72.05
RMS 58.99
signal [adc counts]

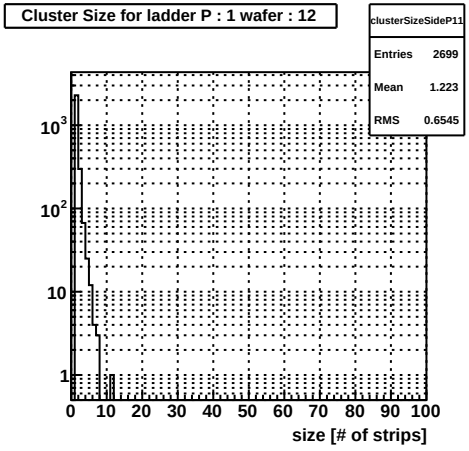

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5715
Mean 1.206
RMS 0.5029
size [# of strips]

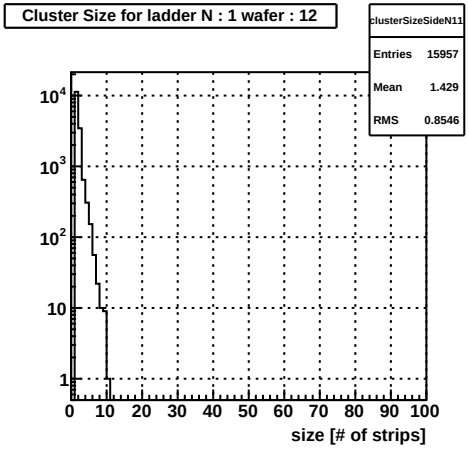

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 8405
Mean 1.472
RMS 0.7313
size [# of strips]

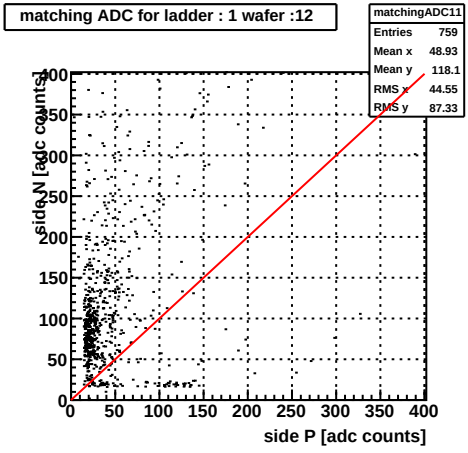

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 3957
Mean x 71.87
Mean y 76.61
RMS x 53.11
RMS y 56.35
side N [adc counts]
side P [adc counts]

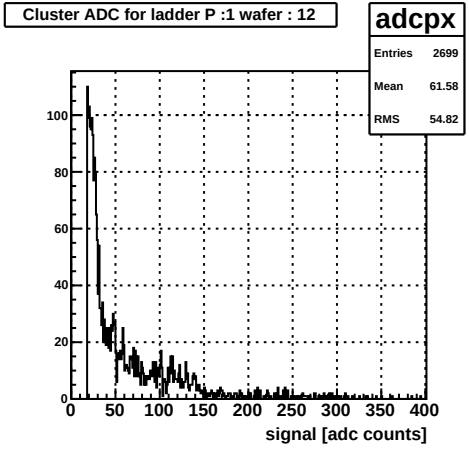

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5715
Mean 62.97
RMS 53.28
signal [adc counts]

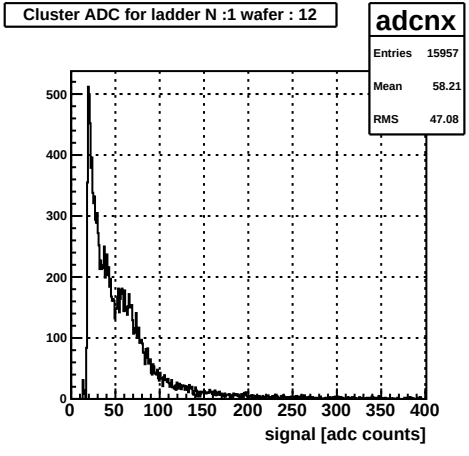

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 8405
Mean 71.8
RMS 57.63
signal [adc counts]

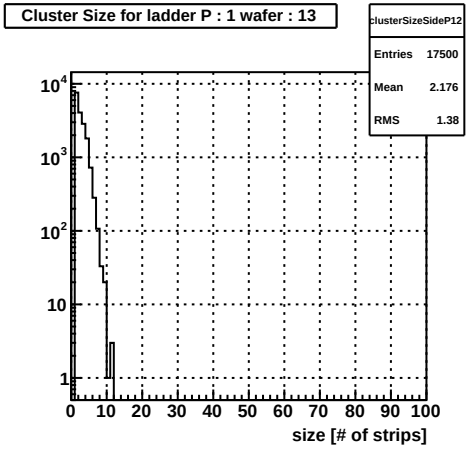

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2699
Mean 1.223
RMS 0.6545
size [# of strips]

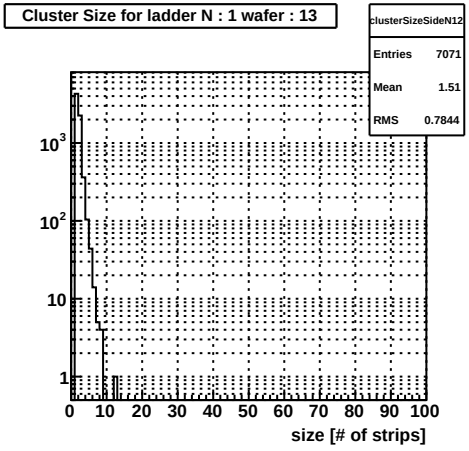

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 15957
Mean 1.429
RMS 0.8546
size [# of strips]

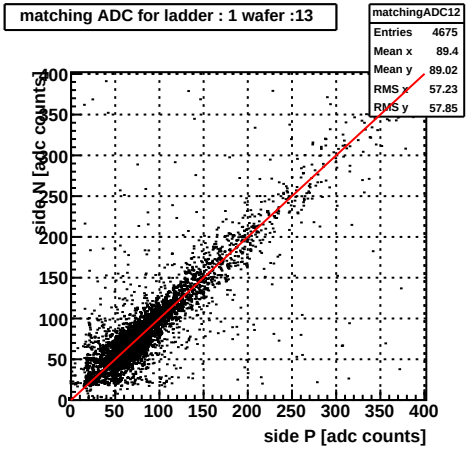

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 759
Mean x 48.93
Mean y 118.1
RMS x 44.55
RMS y 87.33
side N [adc counts]
side P [adc counts]

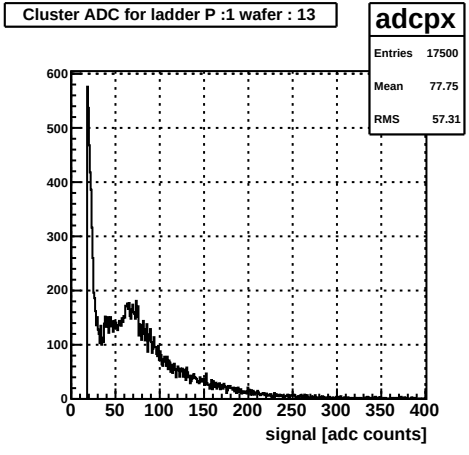

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2699
Mean 61.58
RMS 54.82
signal [adc counts]

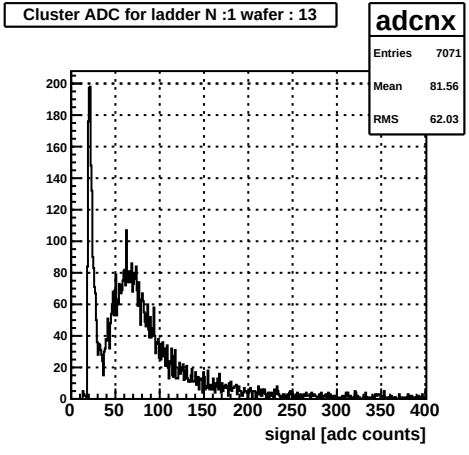

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 15957
Mean 58.21
RMS 47.08
signal [adc counts]

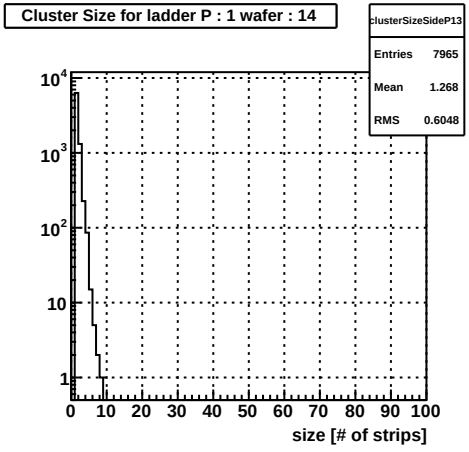

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 17500
Mean 2.176
RMS 1.38
size [# of strips]

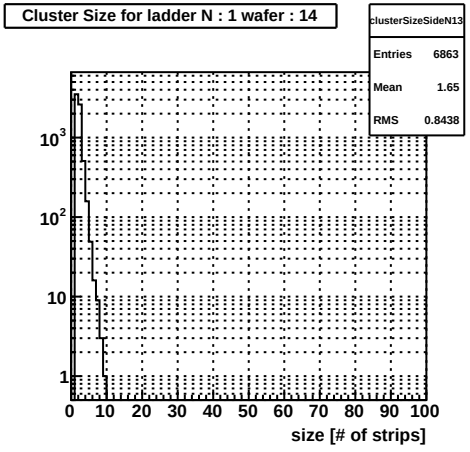

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 7071
Mean 1.51
RMS 0.7844
size [# of strips]

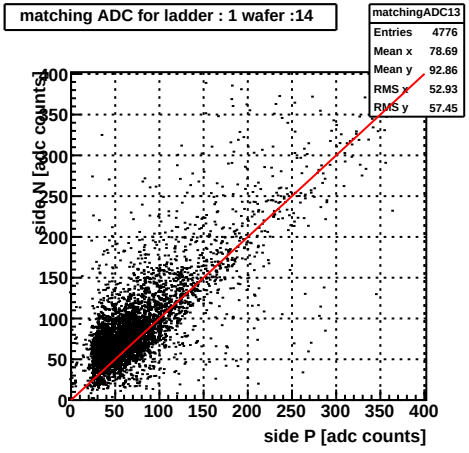

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 4675
Mean x 89.4
Mean y 89.02
RMS x 57.23
RMS y 57.85
side N [adc counts]
side P [adc counts]

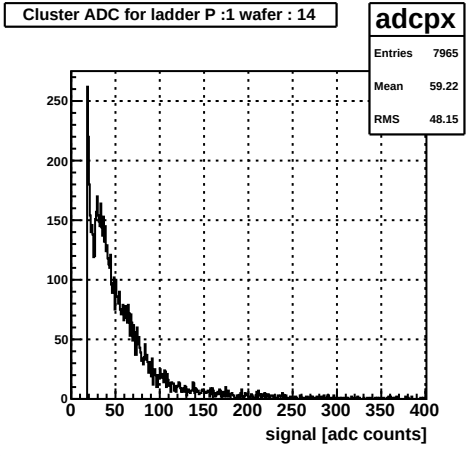

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 17500
Mean 77.75
RMS 57.31
signal [adc counts]

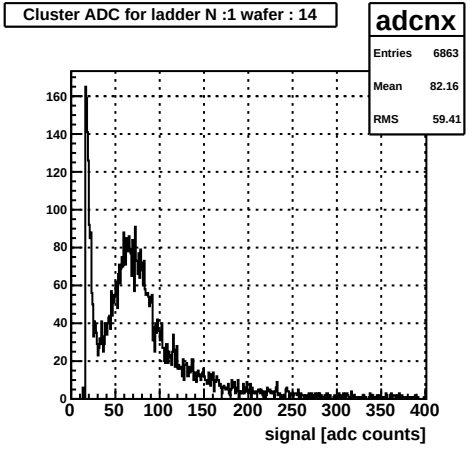

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 7071
Mean 81.56
RMS 62.03
signal [adc counts]

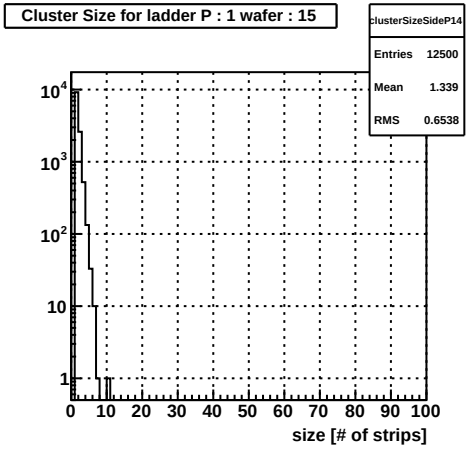

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 7965
Mean 1.268
RMS 0.6048
size [# of strips]

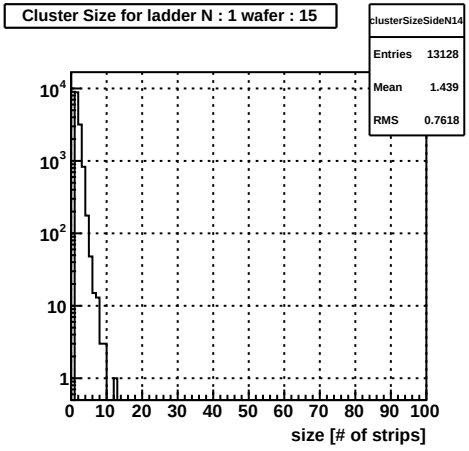

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 6863
Mean 1.65
RMS 0.8438
size [# of strips]

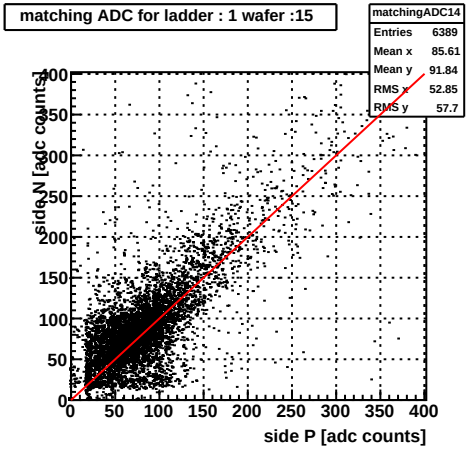

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 4776
Mean x 78.69
Mean y 92.86
RMS x 52.93
RMS y 57.45
side N [adc counts]
side P [adc counts]

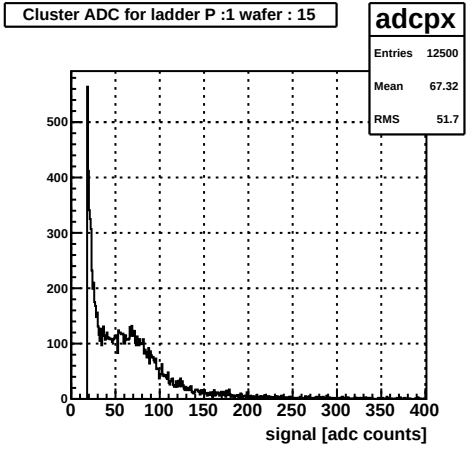

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 7965
Mean 59.22
RMS 48.15
signal [adc counts]

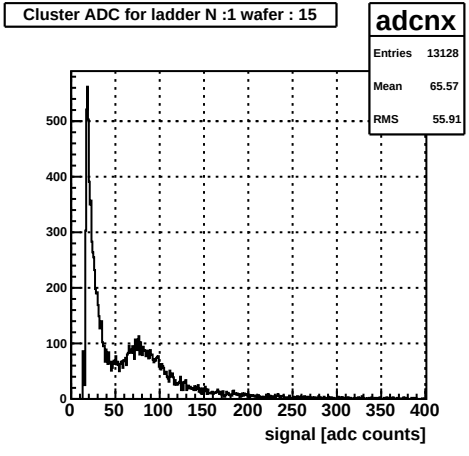

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 6863
Mean 82.16
RMS 59.41
signal [adc counts]

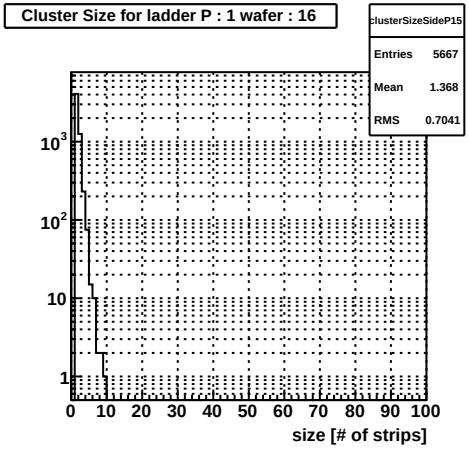

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 12500
Mean 1.339
RMS 0.6538
size [# of strips]

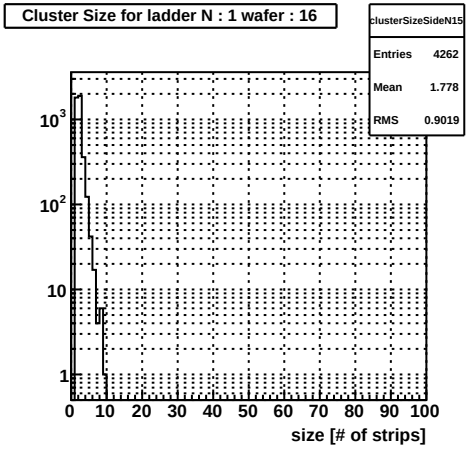

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 13128
Mean 1.439
RMS 0.7618
size [# of strips]

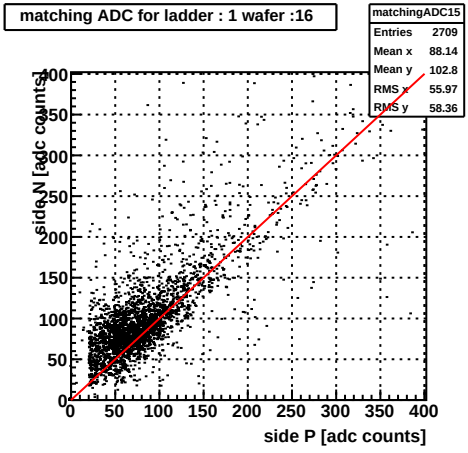

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6389
Mean x 85.61
Mean y 91.84
RMS x 52.85
RMS y 57.7
side N [adc counts]
side P [adc counts]

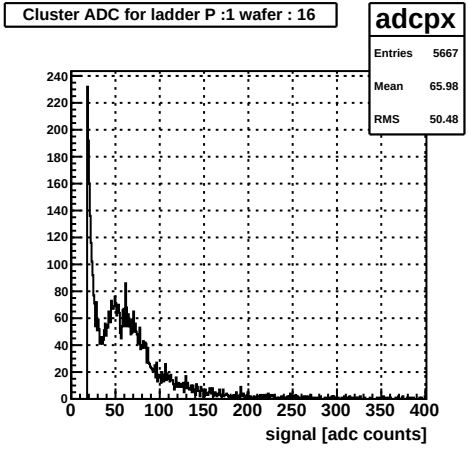

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 12500
Mean 67.32
RMS 51.7
signal [adc counts]

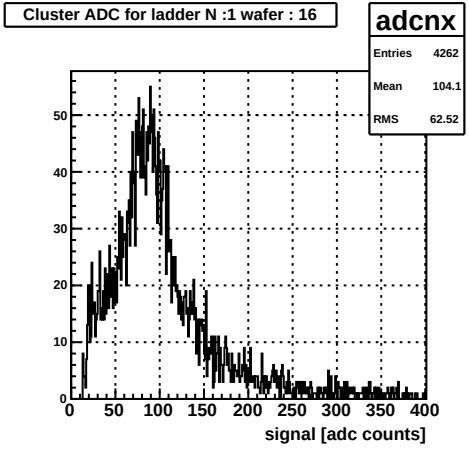

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 13128
Mean 65.57
RMS 55.91
signal [adc counts]

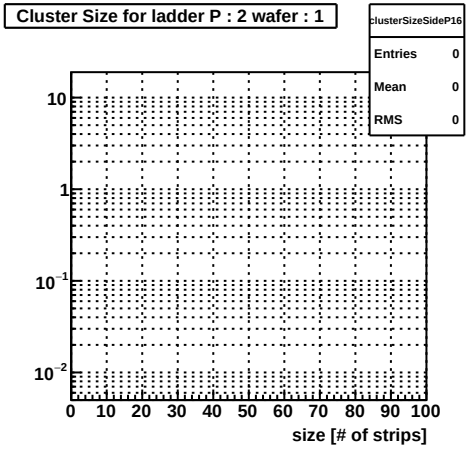

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 5667
Mean 1.368
RMS 0.7041
size [# of strips]

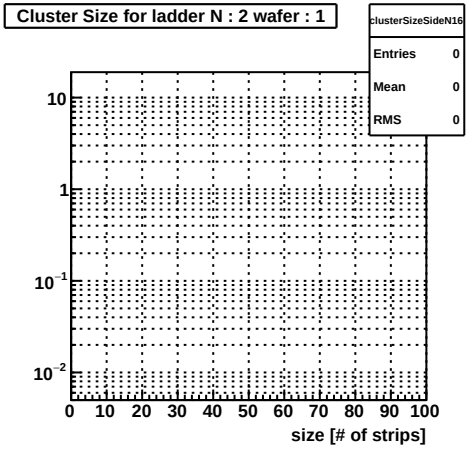

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 4262
Mean 1.778
RMS 0.9019
size [# of strips]

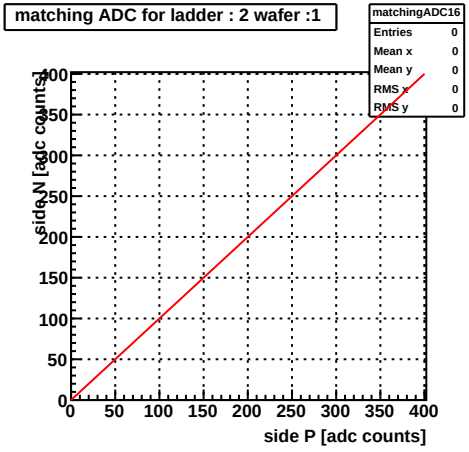

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 2709
Mean x 88.14
Mean y 102.8
RMS x 55.97
RMS y 58.36
side N [adc counts]
side P [adc counts]

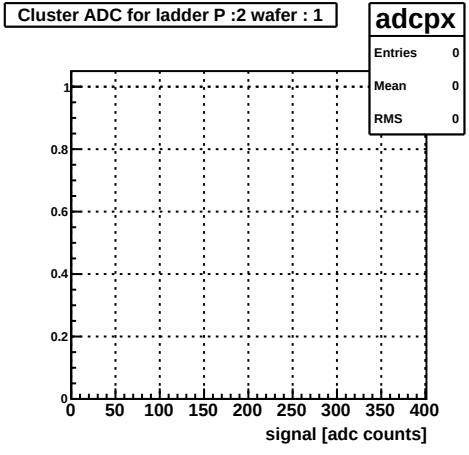

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 5667
Mean 65.98
RMS 50.48
signal [adc counts]

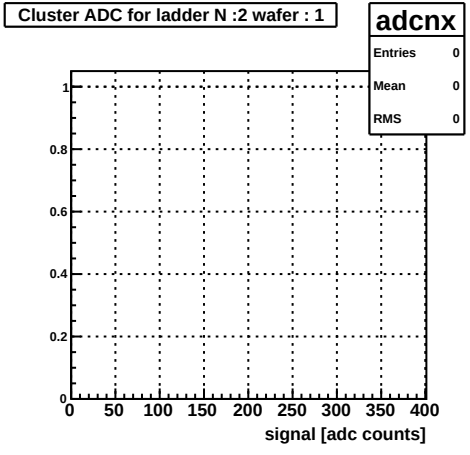

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 4262
Mean 104.1
RMS 62.52
signal [adc counts]

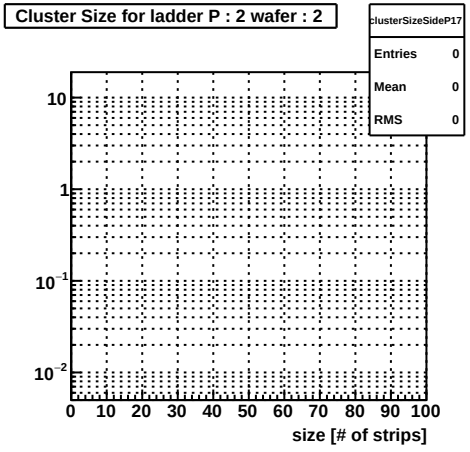

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

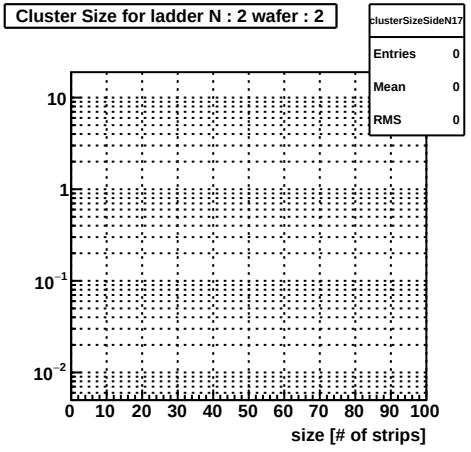

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

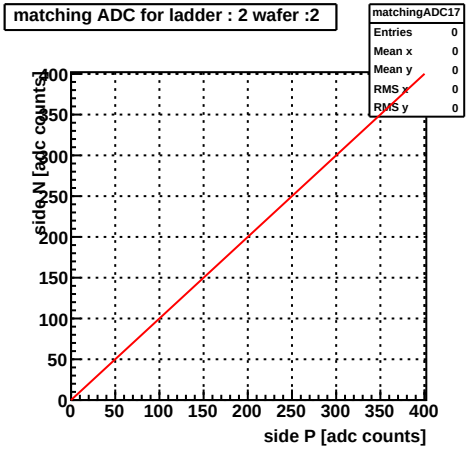

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

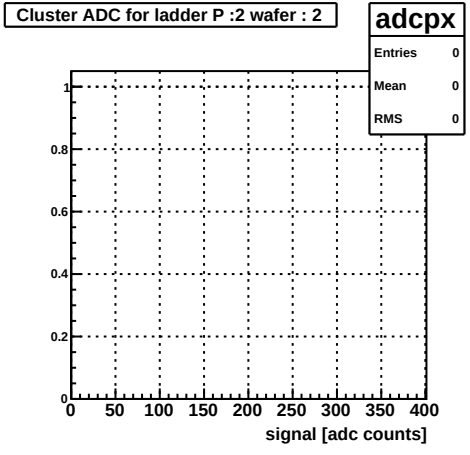

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

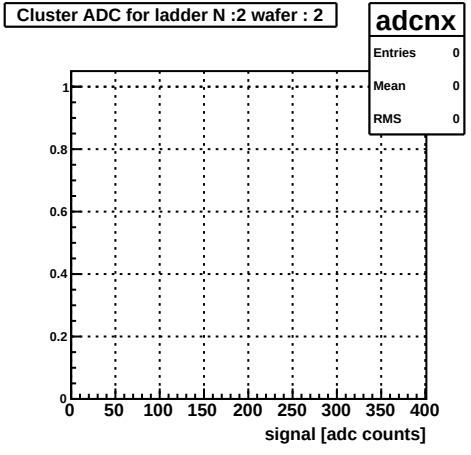

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

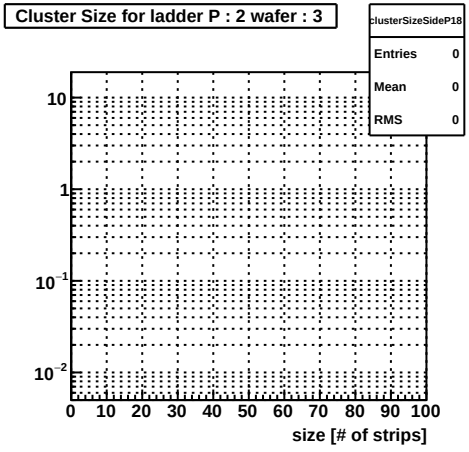

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

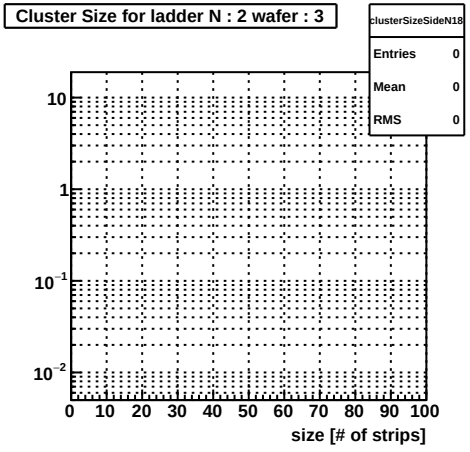

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

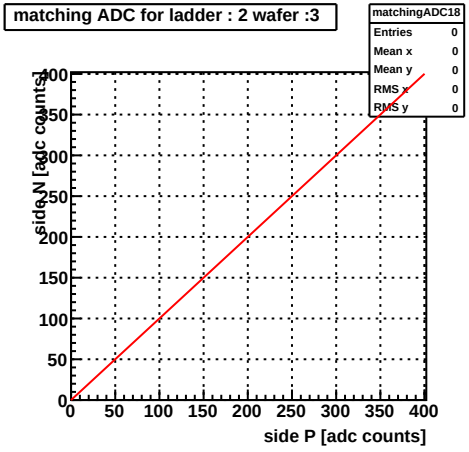

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

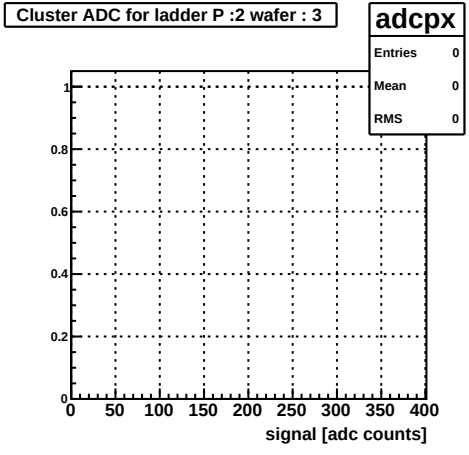

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

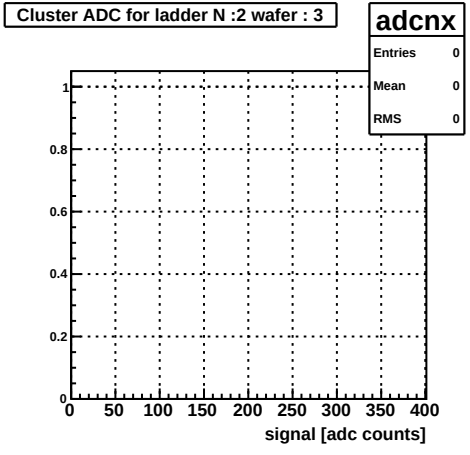

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

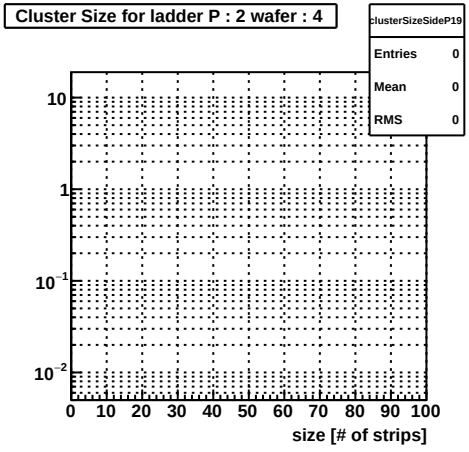

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

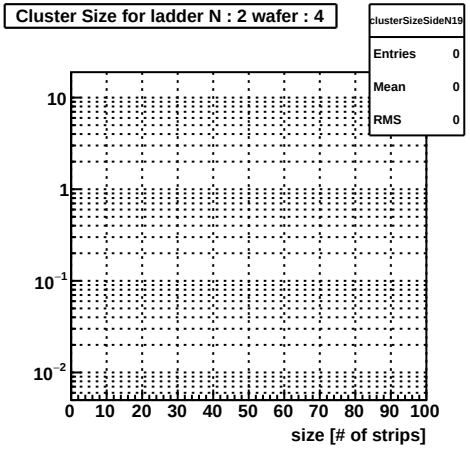

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

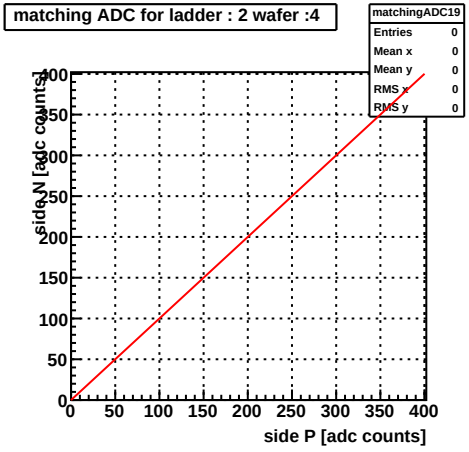

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

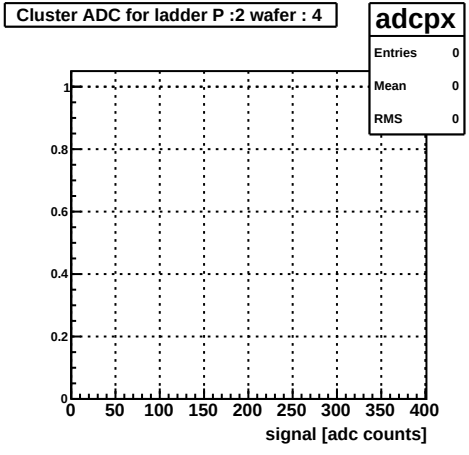

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

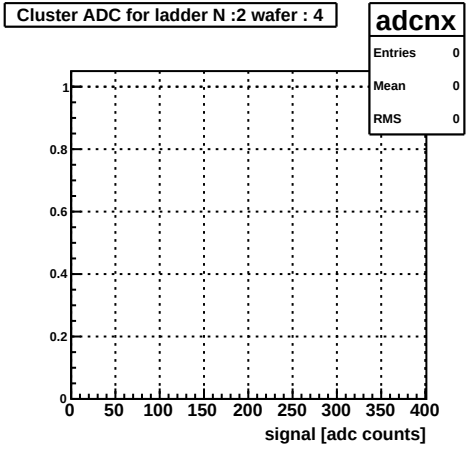

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

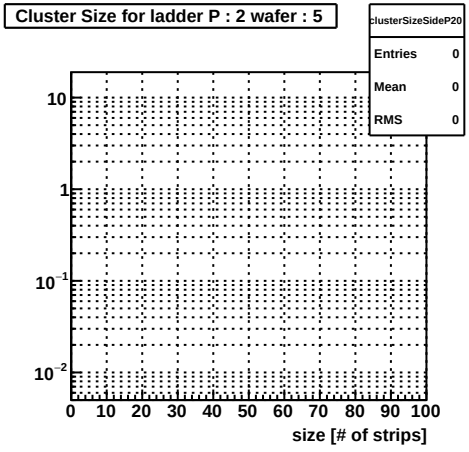

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

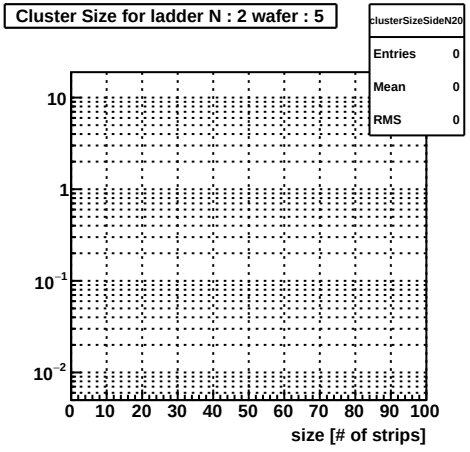

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

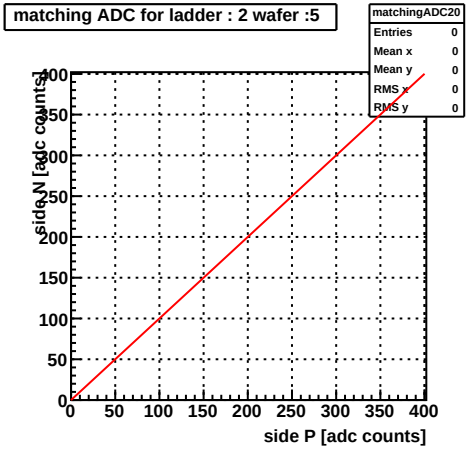

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

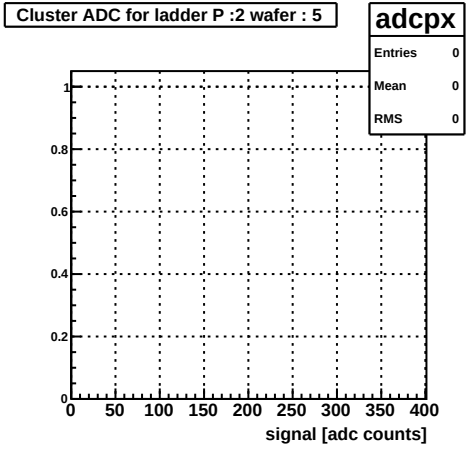

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

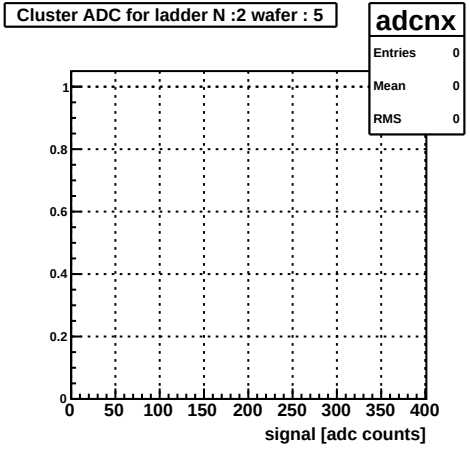

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

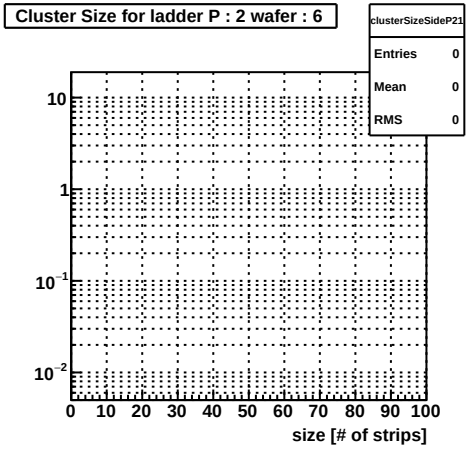

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

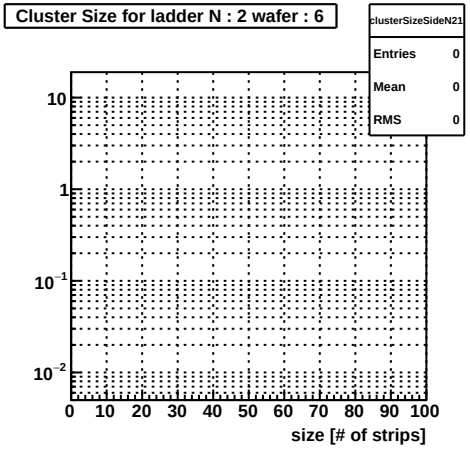

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

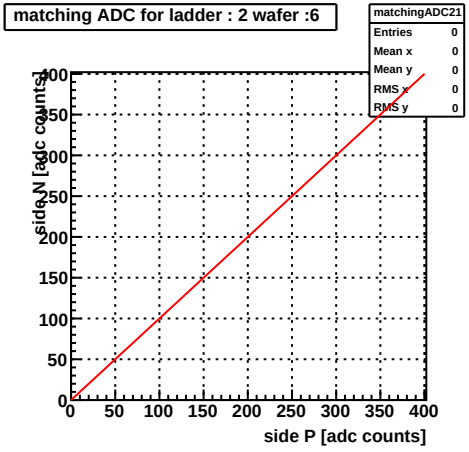

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

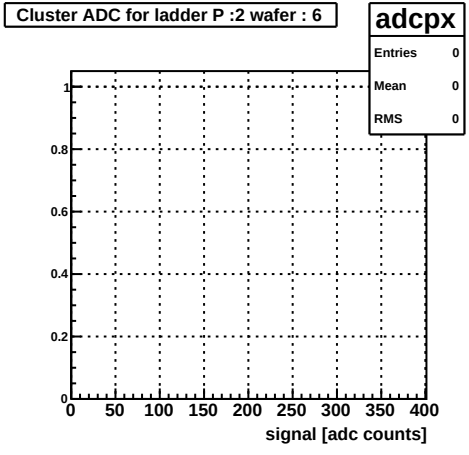

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

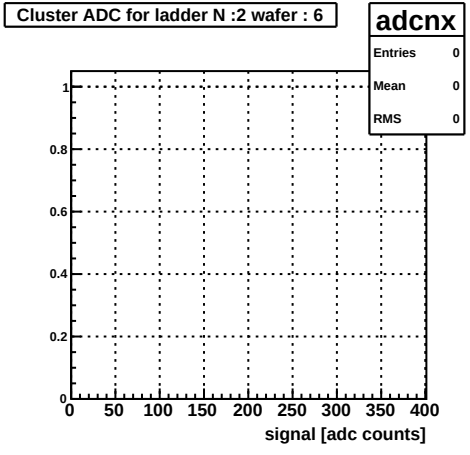

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

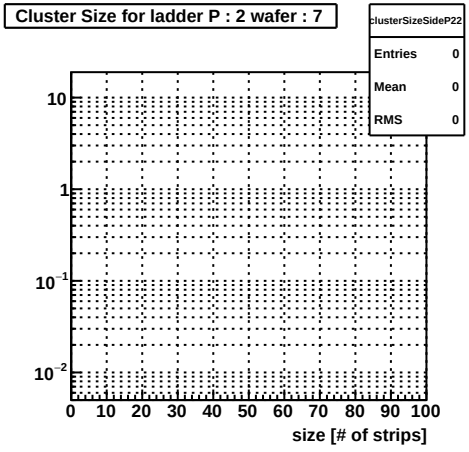

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

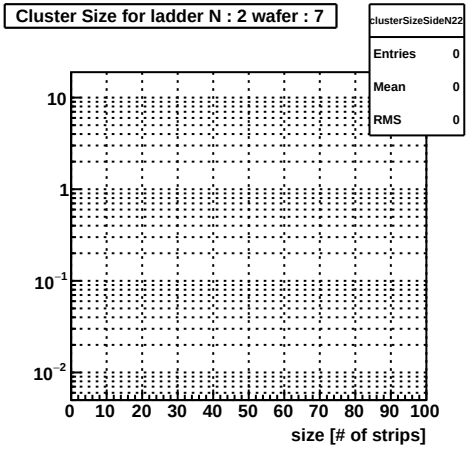

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

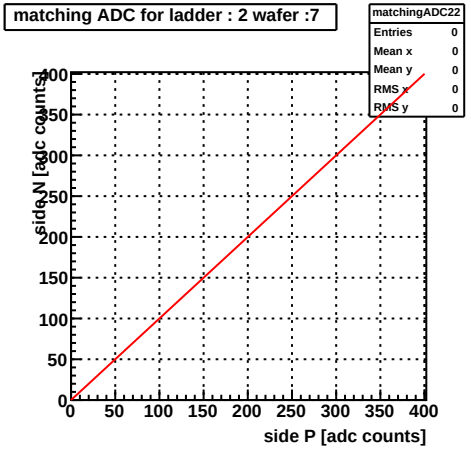

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

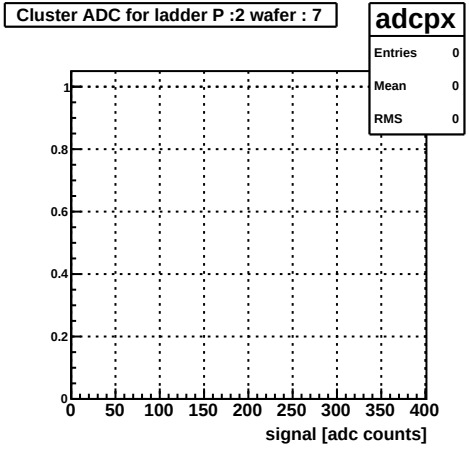

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

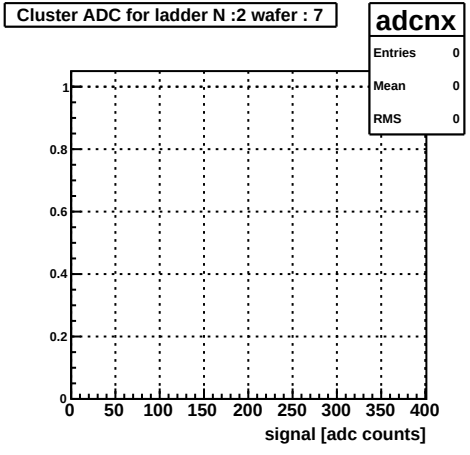

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

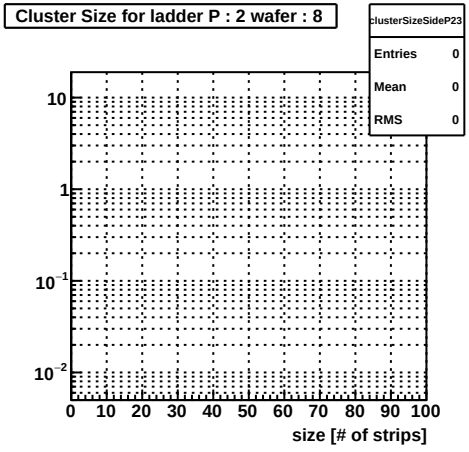

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

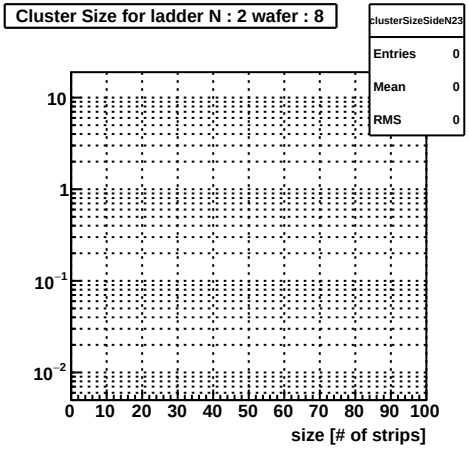

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

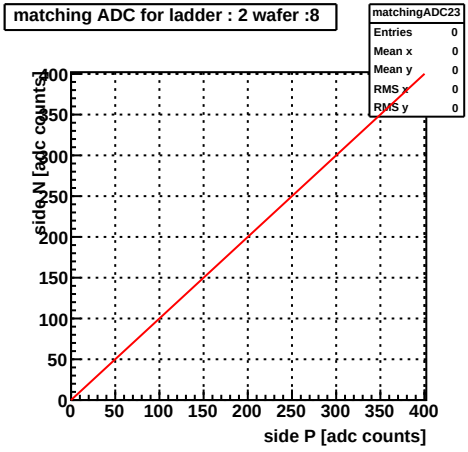

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

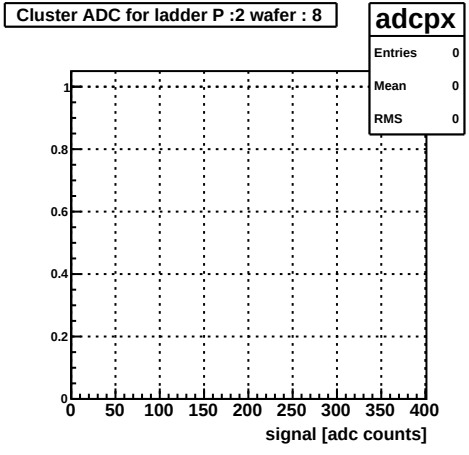

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

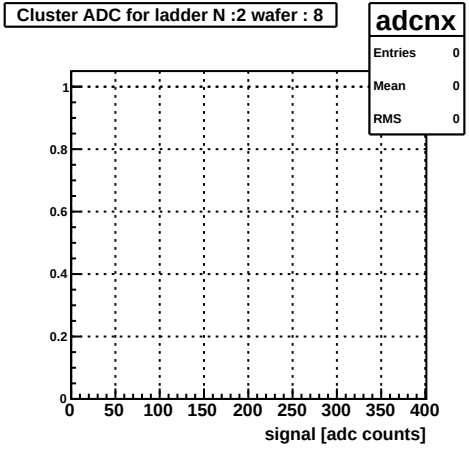

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

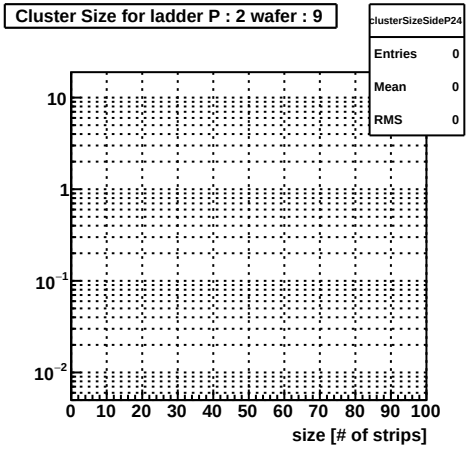

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

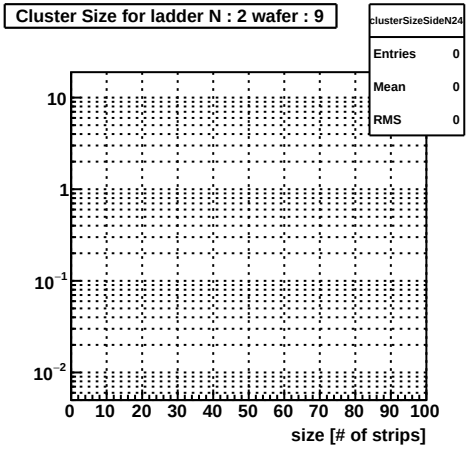

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

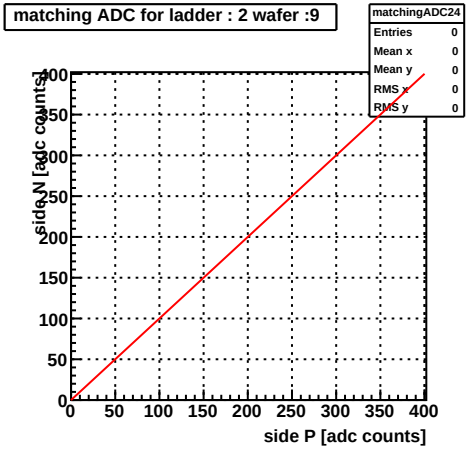

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

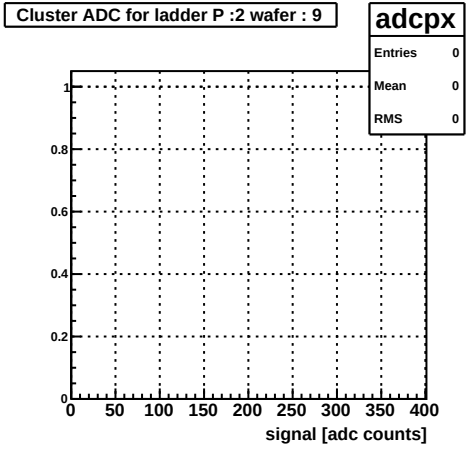

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

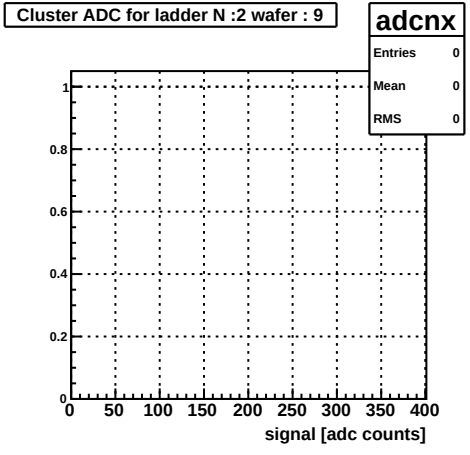

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

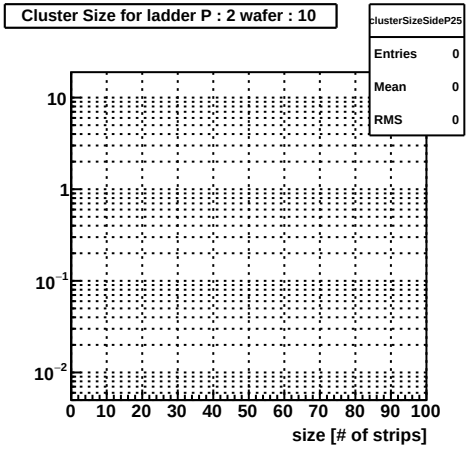

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

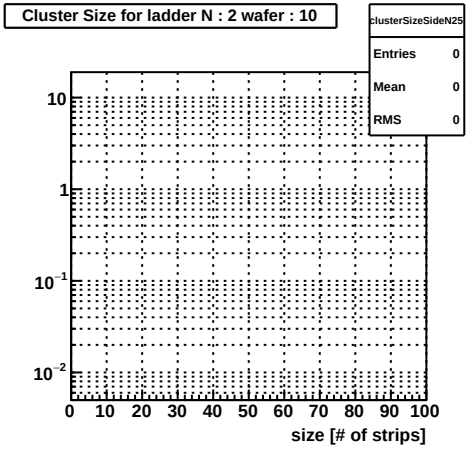

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

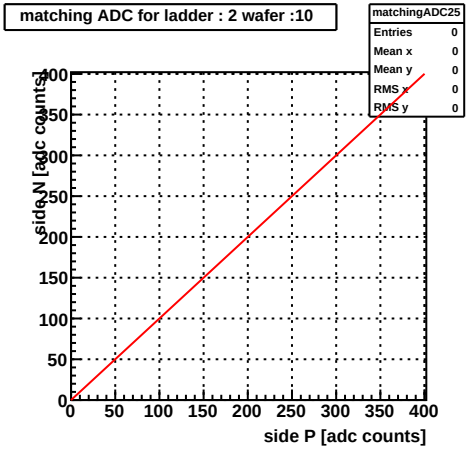

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

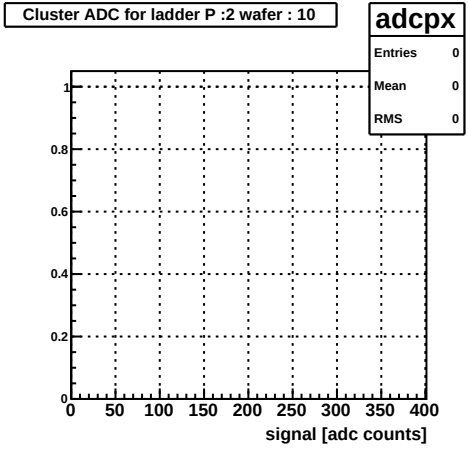

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

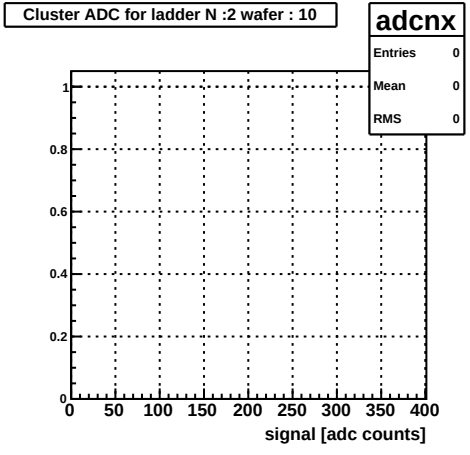

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

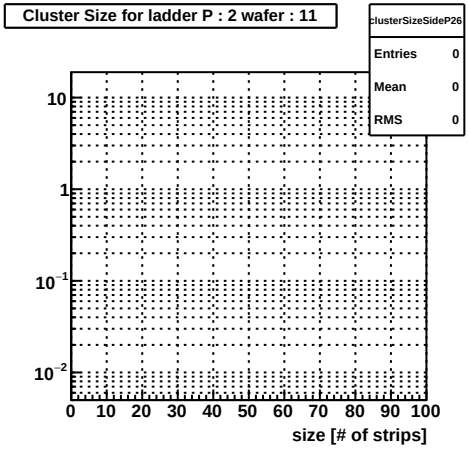

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

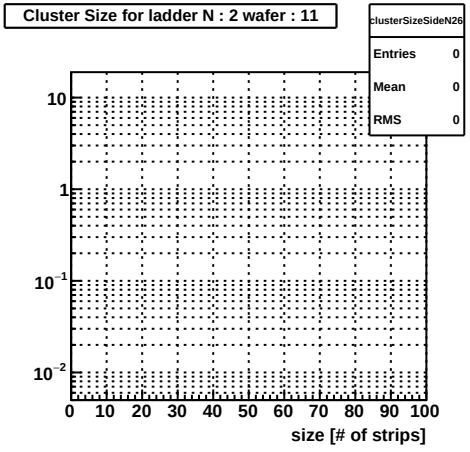

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

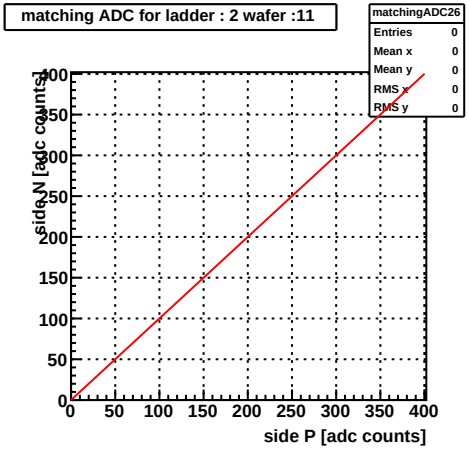

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

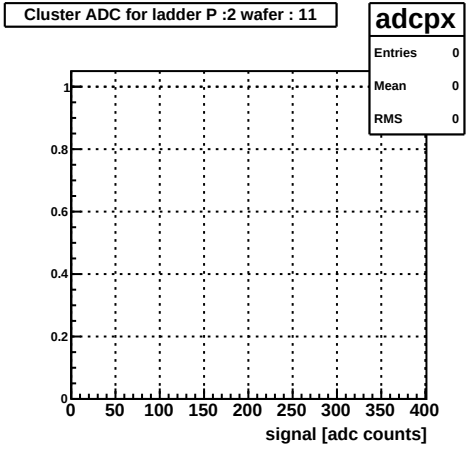

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

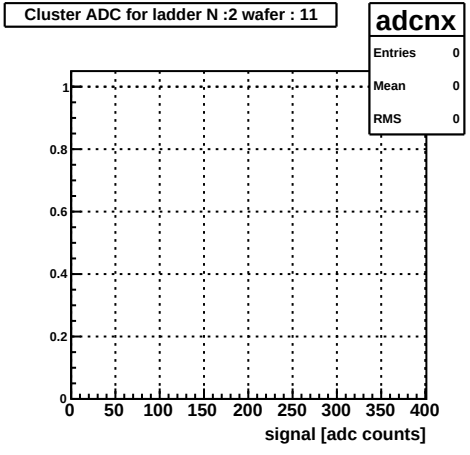

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

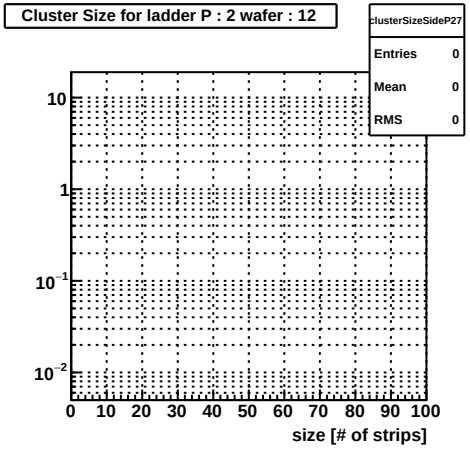

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

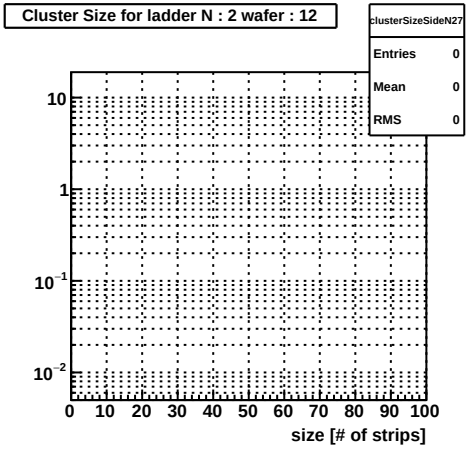

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

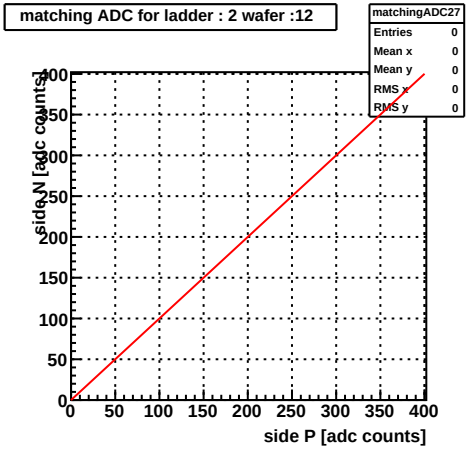

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

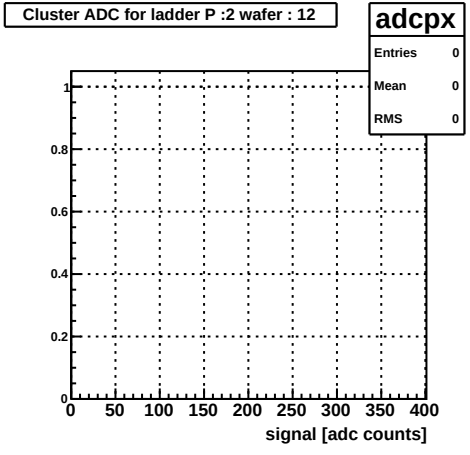

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

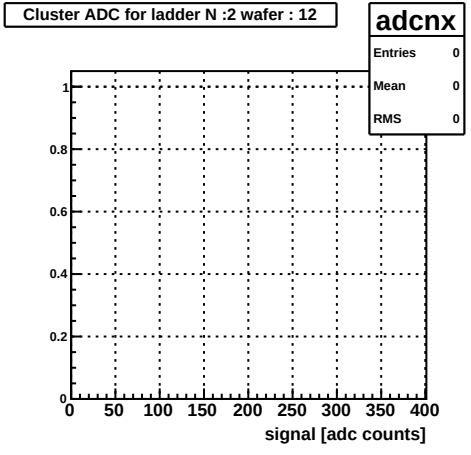

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

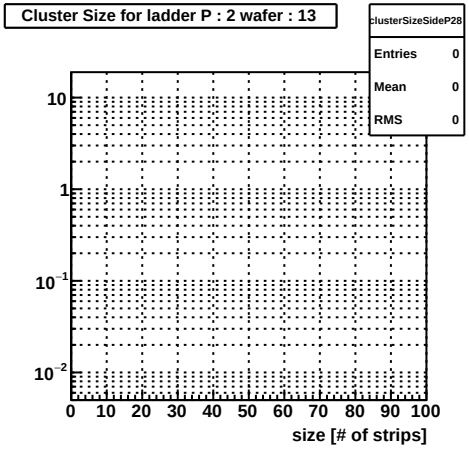

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

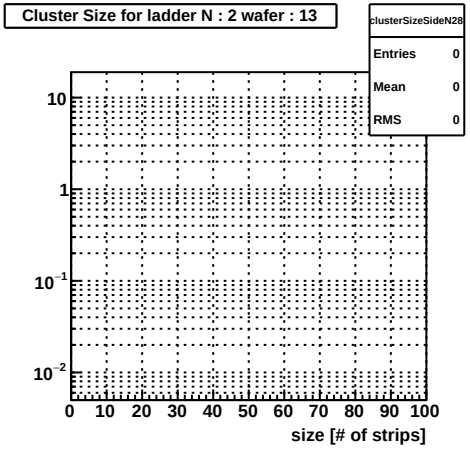

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

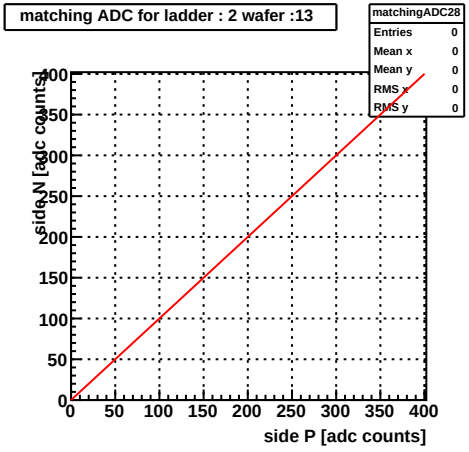

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

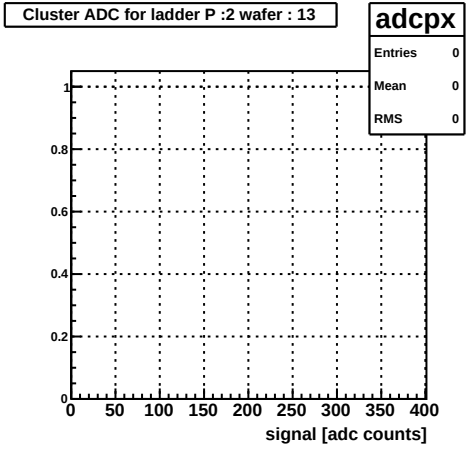

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

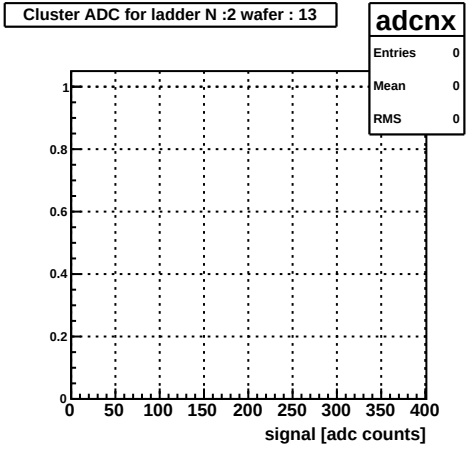

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

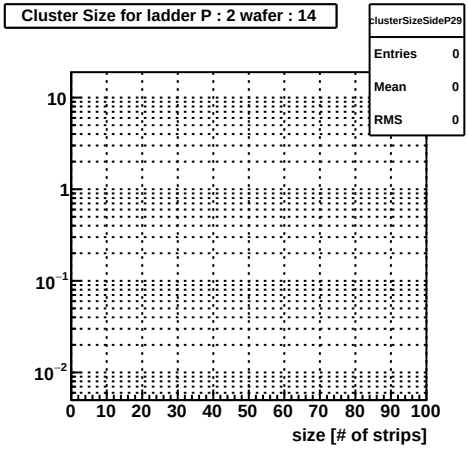

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

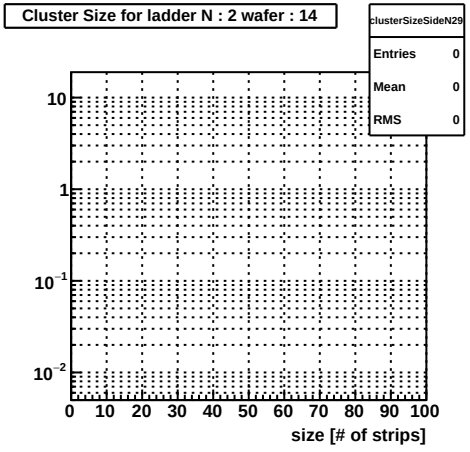

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

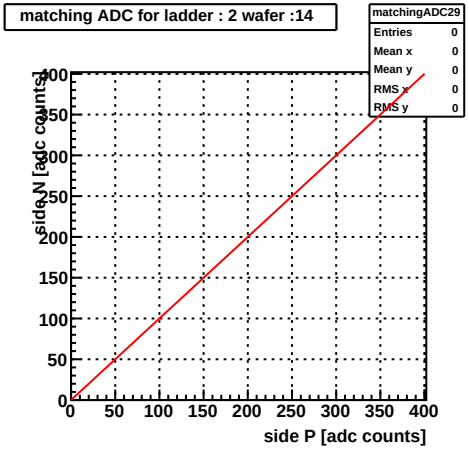

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

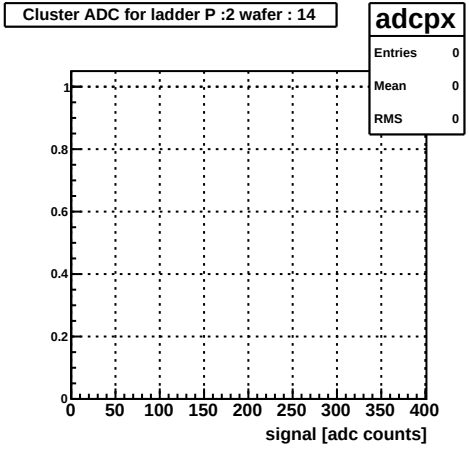

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

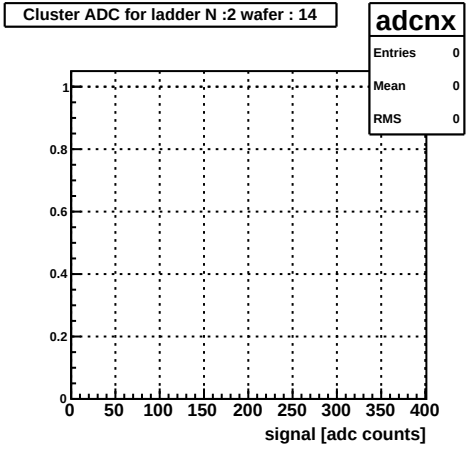

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

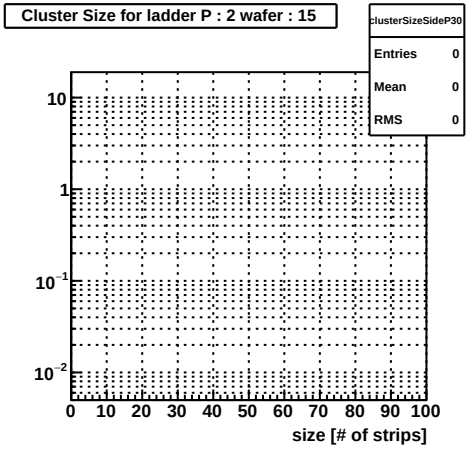

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

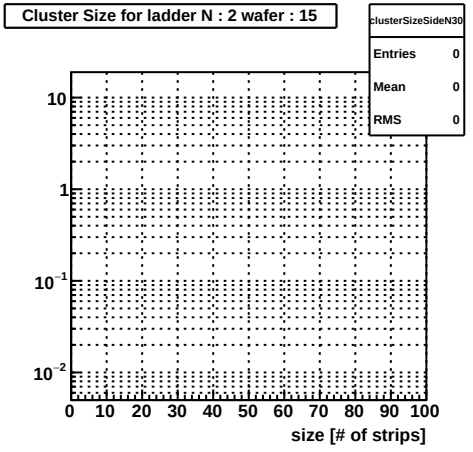

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

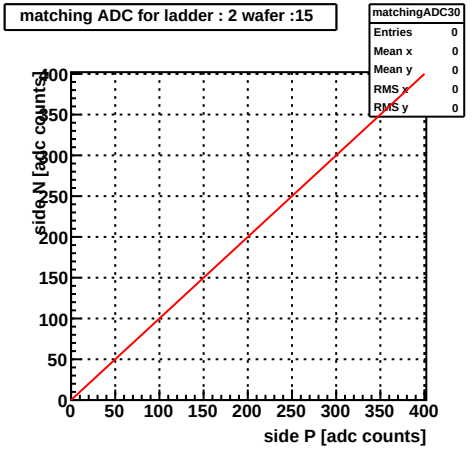

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

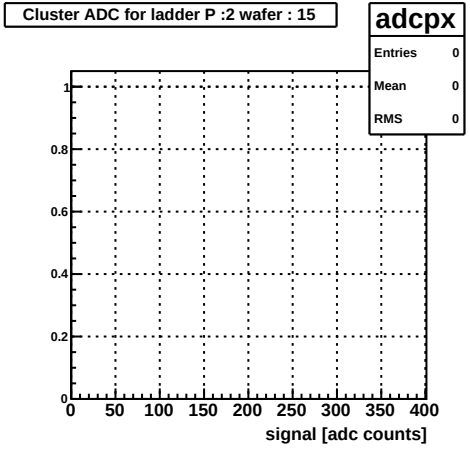

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

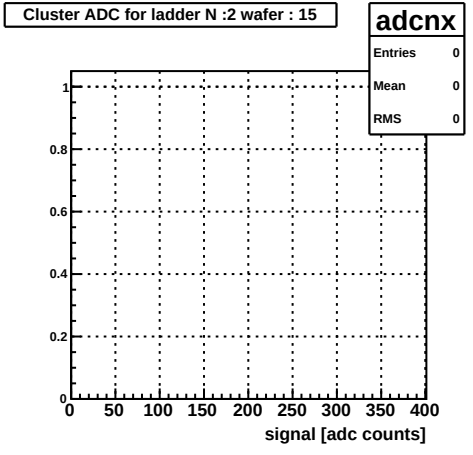

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

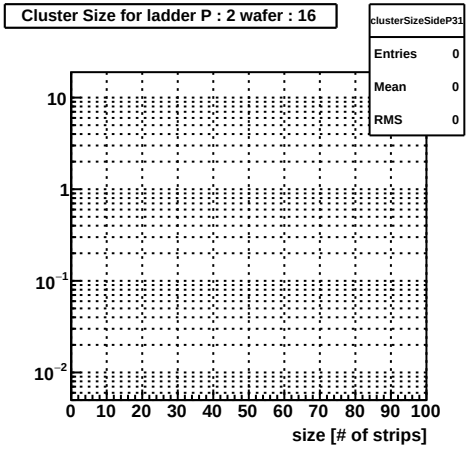

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

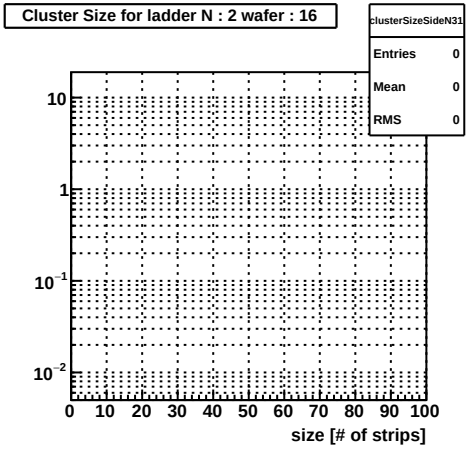

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

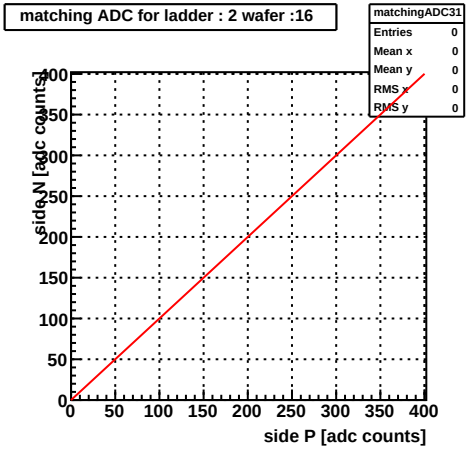

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

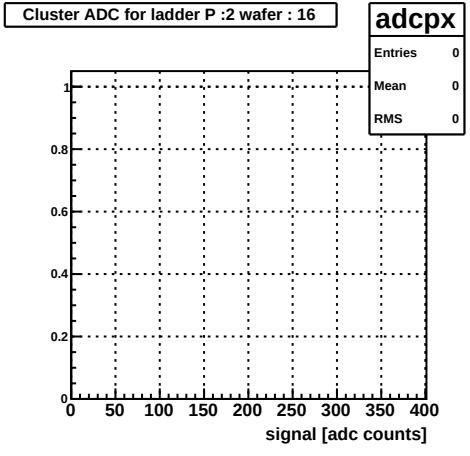

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

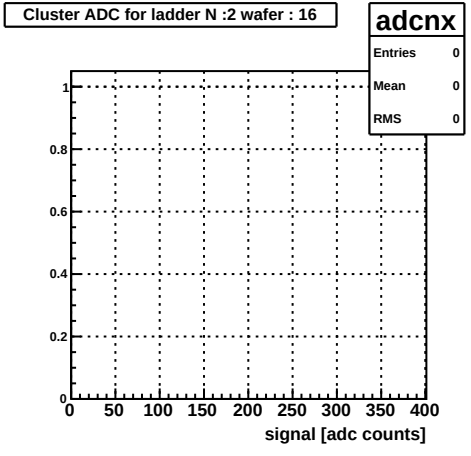

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

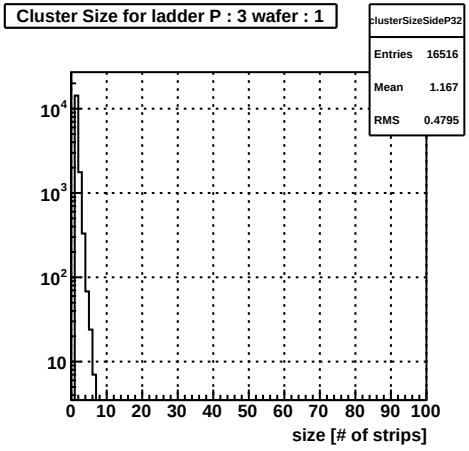

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

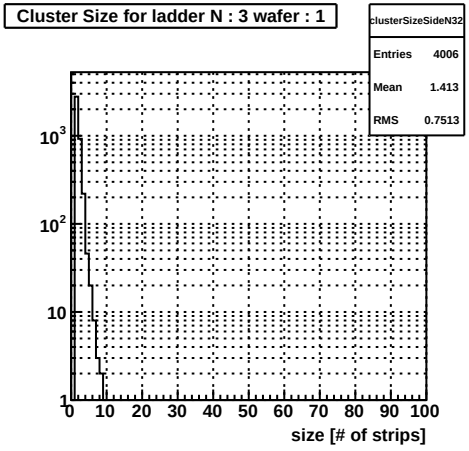

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

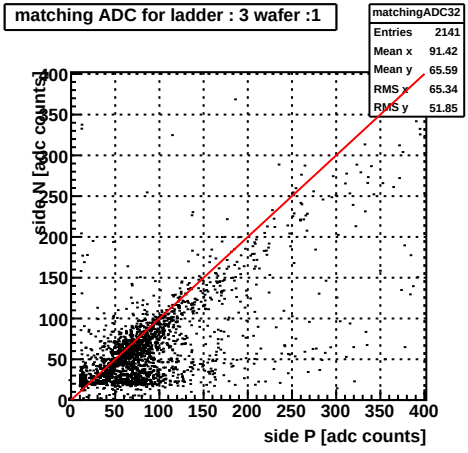

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

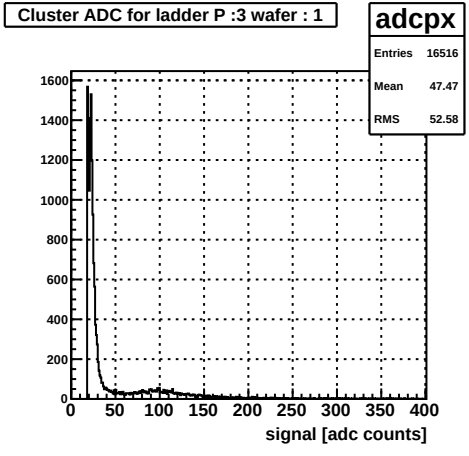

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

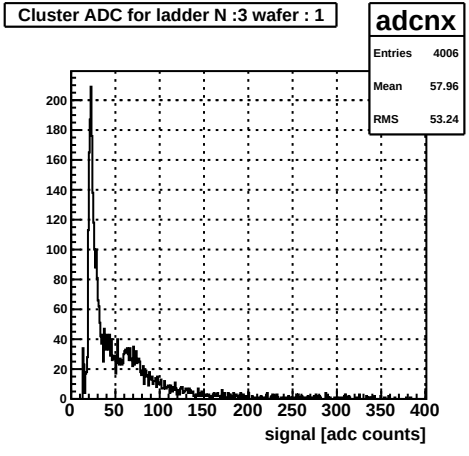

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

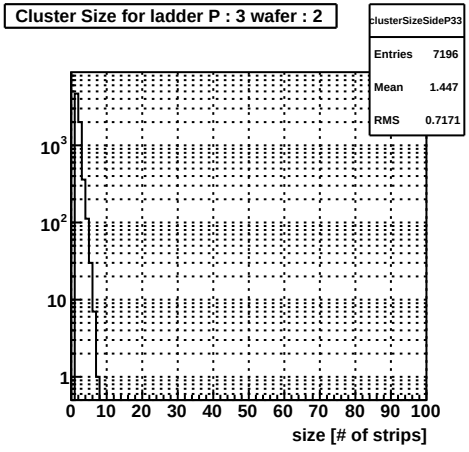

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16516
Mean 1.167
RMS 0.4795
size [# of strips]

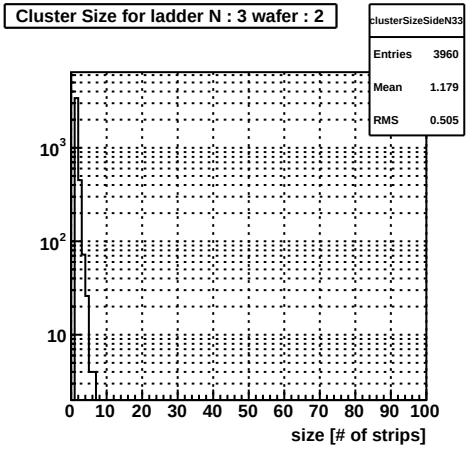

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 4006
Mean 1.413
RMS 0.7513
size [# of strips]

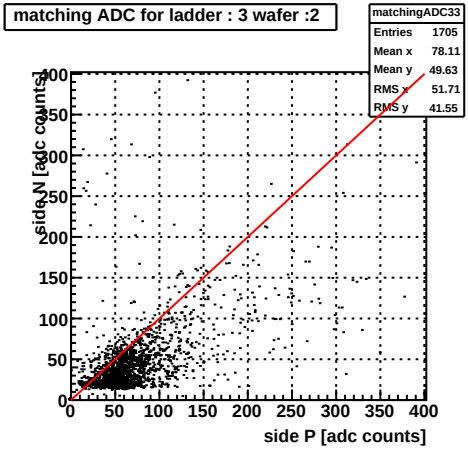

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2141
Mean x 91.42
Mean y 65.59
RMS x 65.34
RMS y 51.85
side N [adc counts]
side P [adc counts]

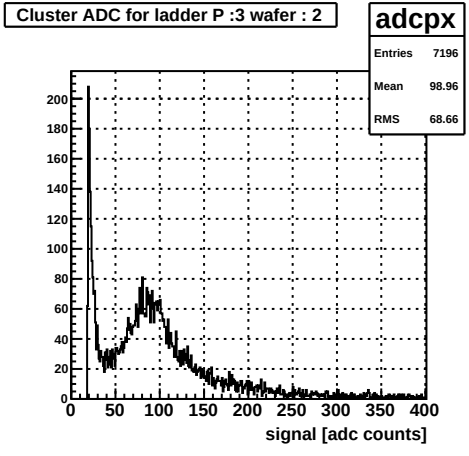

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16516
Mean 47.47
RMS 52.58
signal [adc counts]

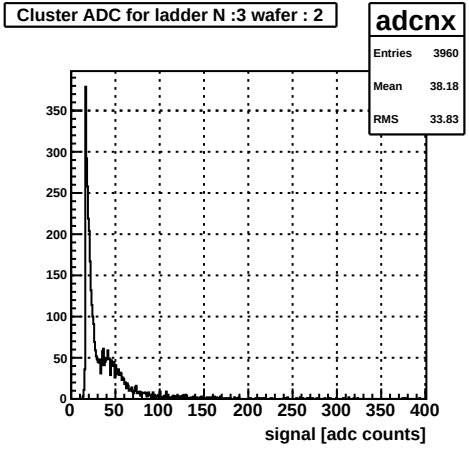

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 4006
Mean 57.96
RMS 53.24
signal [adc counts]

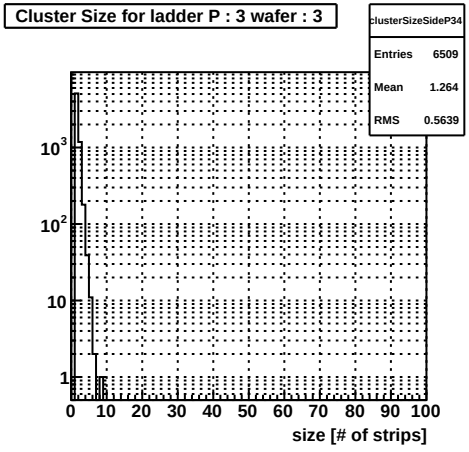

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 7196
Mean 1.447
RMS 0.7171
size [# of strips]

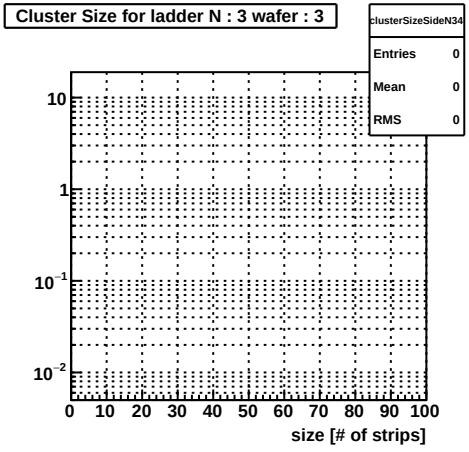

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3960
Mean 1.179
RMS 0.505
size [# of strips]

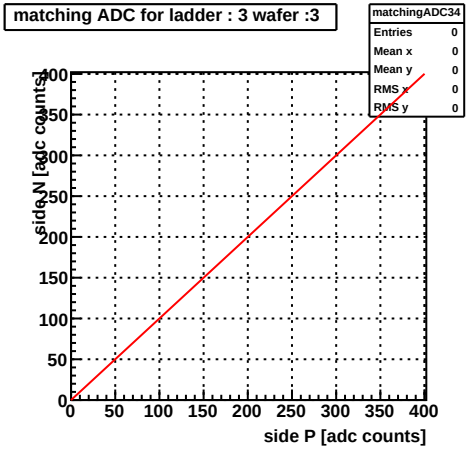

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1705
Mean x 78.11
Mean y 49.63
RMS x 51.71
RMS y 41.55
side N [adc counts]
side P [adc counts]

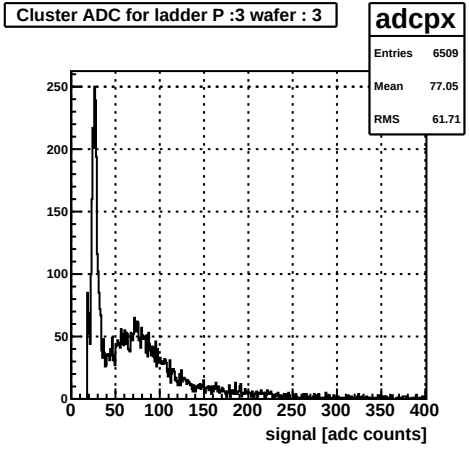

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 7196
Mean 98.96
RMS 68.66
signal [adc counts]

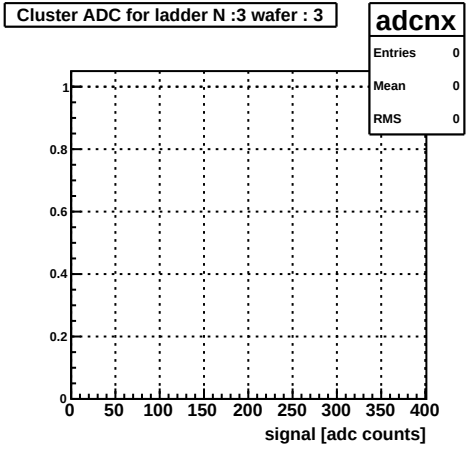

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3960
Mean 38.18
RMS 33.83
signal [adc counts]

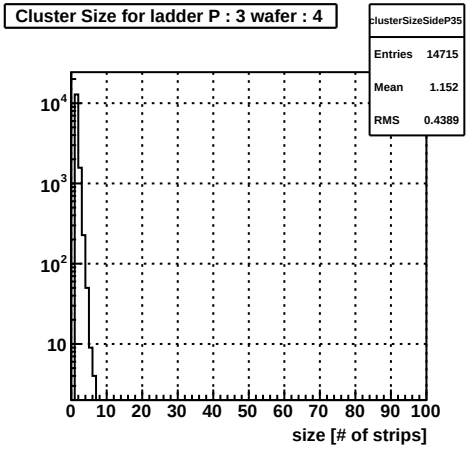

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6509
Mean 1.264
RMS 0.5639
size [# of strips]

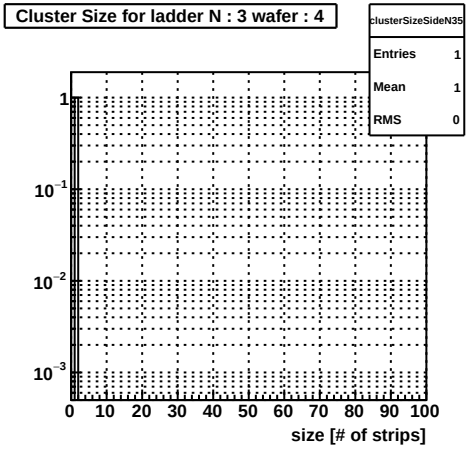

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

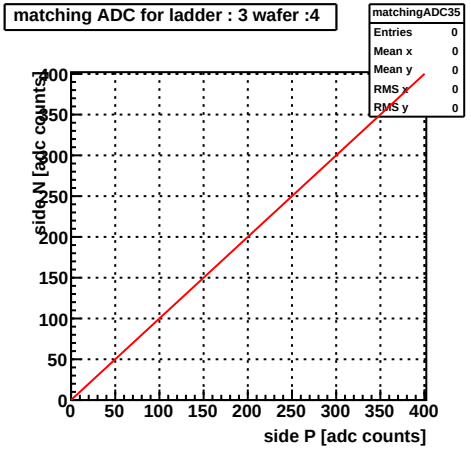

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

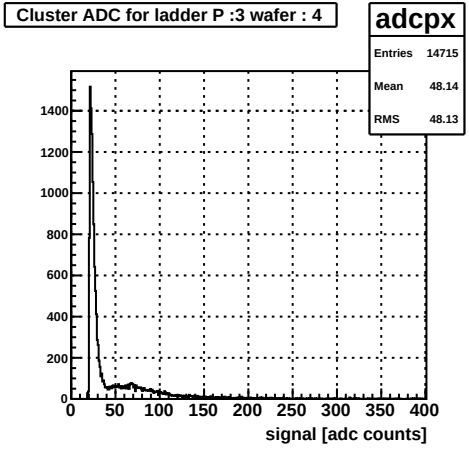

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6509
Mean 77.05
RMS 61.71
signal [adc counts]

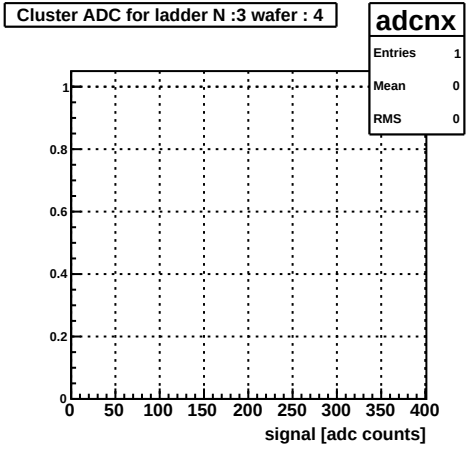

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

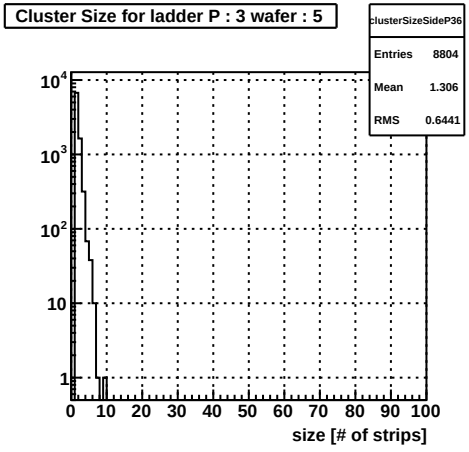

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14715
Mean 1.152
RMS 0.4389
size [# of strips]

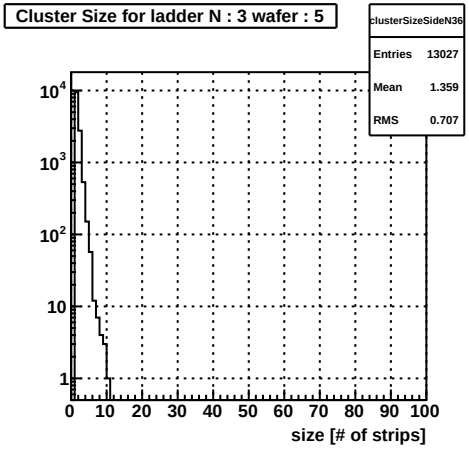

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

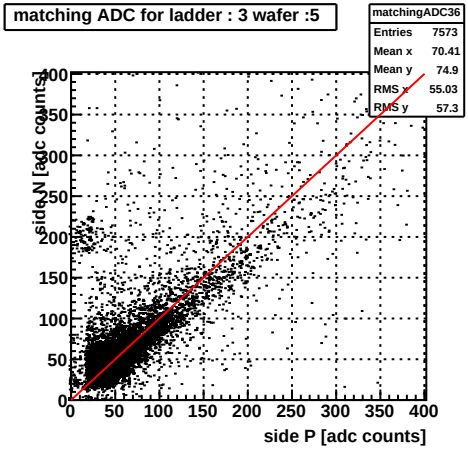

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

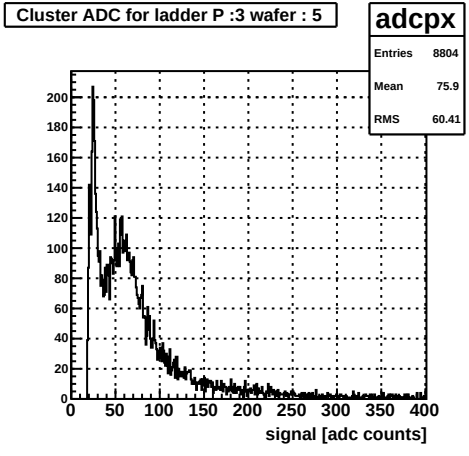

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14715
Mean 48.14
RMS 48.13
signal [adc counts]

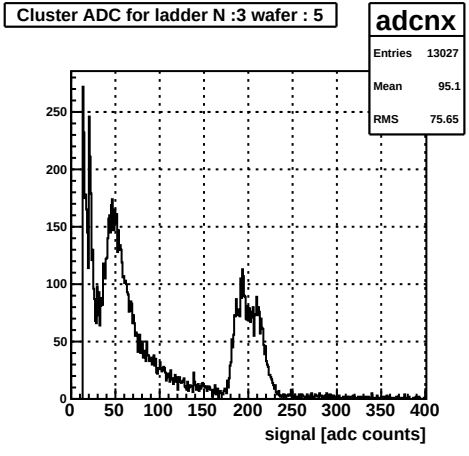

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

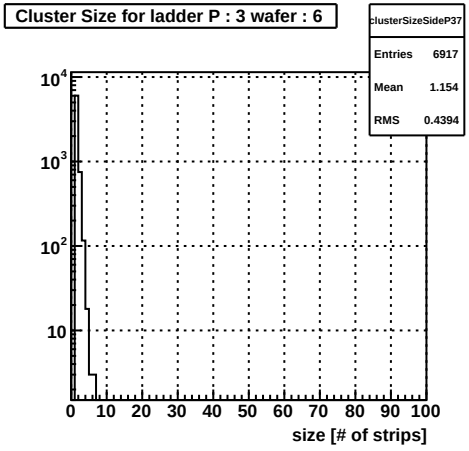

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 8804
Mean 1.306
RMS 0.6441
size [# of strips]

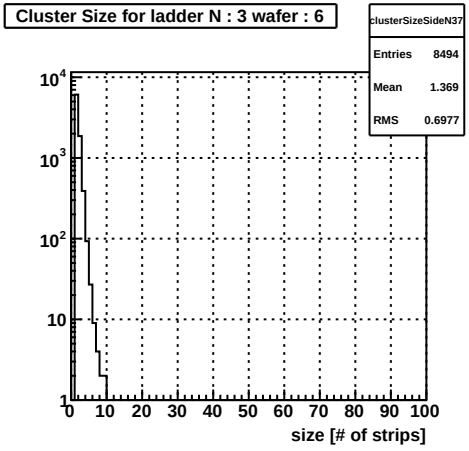

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 13027
Mean 1.359
RMS 0.707
size [# of strips]

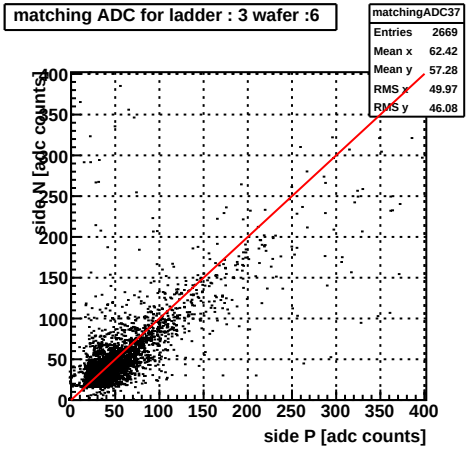

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 7573
Mean x 70.41
Mean y 74.9
RMS x 55.03
RMS y 57.3
side N [adc counts]
side P [adc counts]

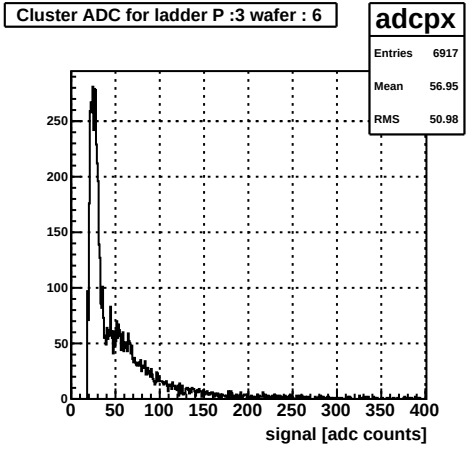

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 8804
Mean 75.9
RMS 60.41
signal [adc counts]

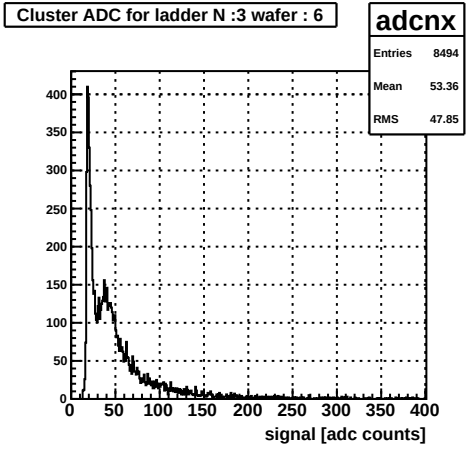

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 13027
Mean 95.1
RMS 75.65
signal [adc counts]

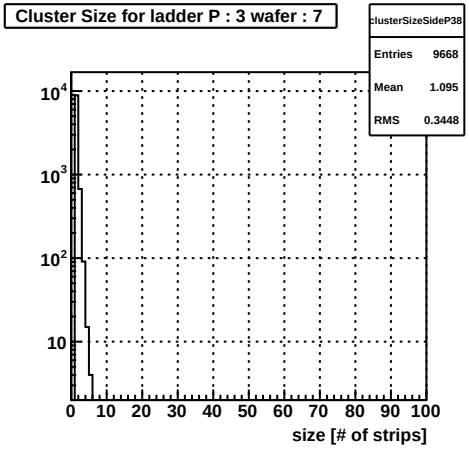

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6917
Mean 1.154
RMS 0.4394
size [# of strips]

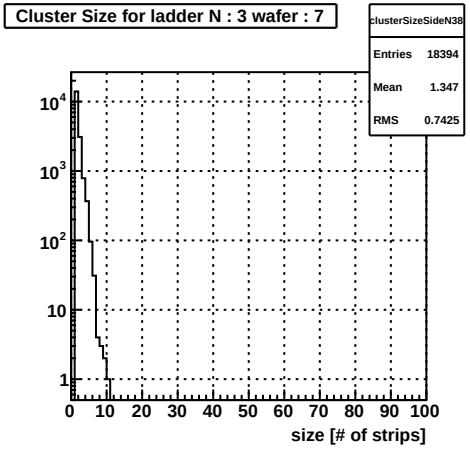

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 8494
Mean 1.369
RMS 0.6977
size [# of strips]

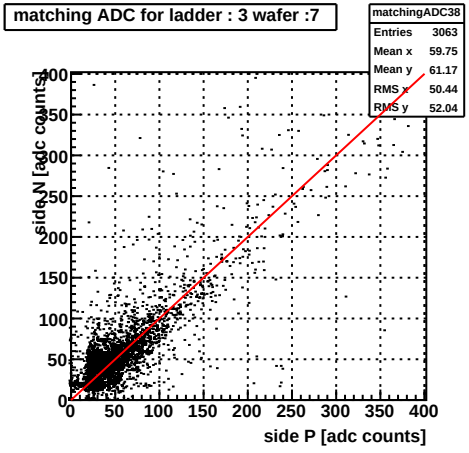

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 2669
Mean x 62.42
Mean y 57.28
RMS x 49.97
RMS y 46.08
side N [adc counts]
side P [adc counts]

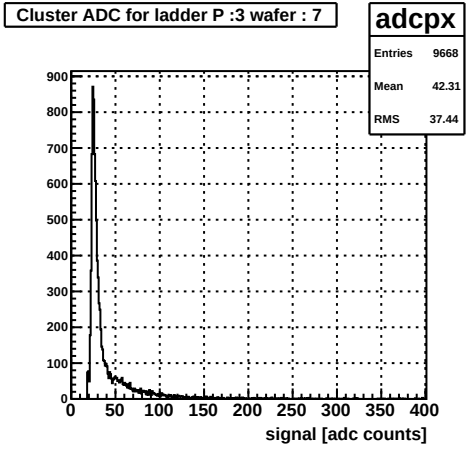

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6917
Mean 56.95
RMS 50.98
signal [adc counts]

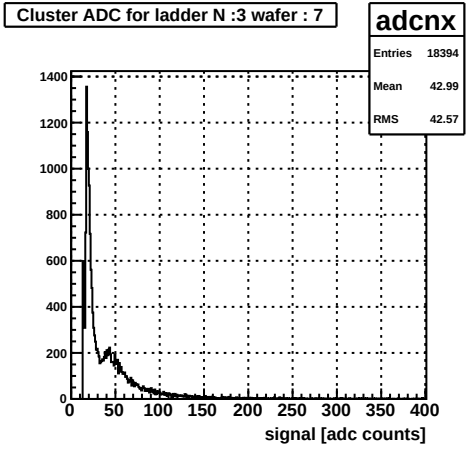

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 8494
Mean 53.36
RMS 47.85
signal [adc counts]

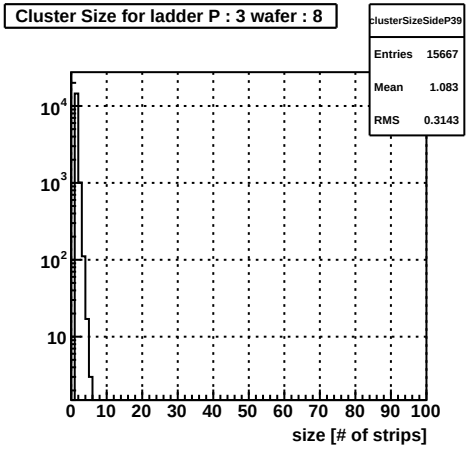

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 9668
Mean 1.095
RMS 0.3448
size [# of strips]

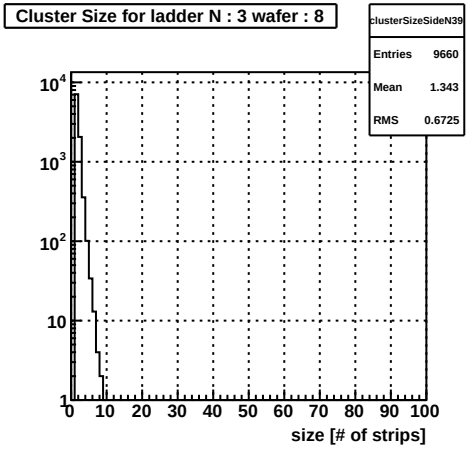

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 18394
Mean 1.347
RMS 0.7425
size [# of strips]

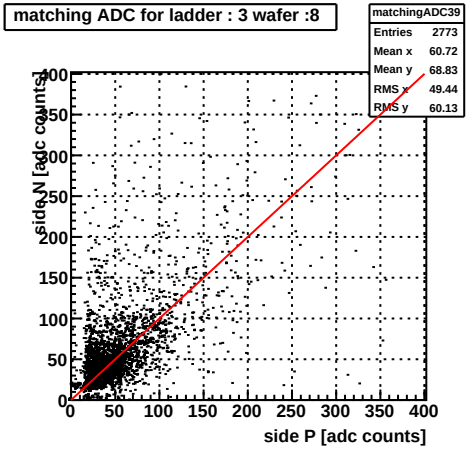

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 3063
Mean x 59.75
Mean y 61.17
RMS x 50.44
RMS y 52.04
side N [adc counts]
side P [adc counts]

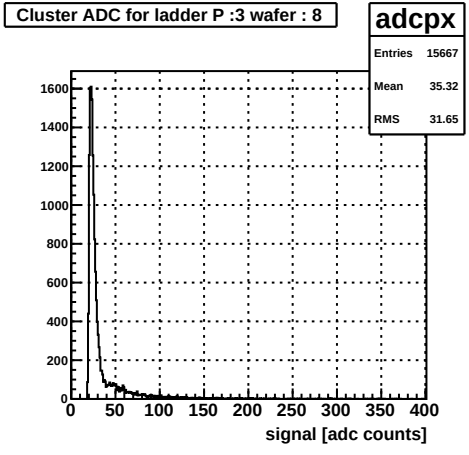

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 9668
Mean 42.31
RMS 37.44
signal [adc counts]

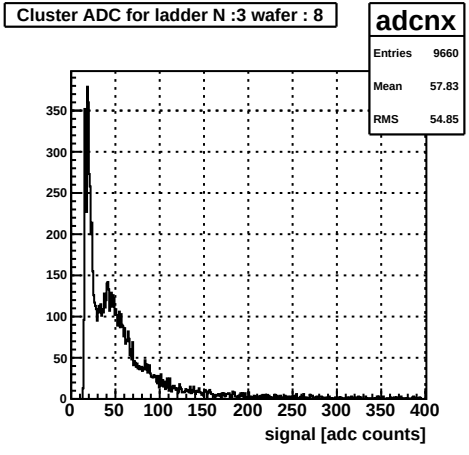

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 18394
Mean 42.99
RMS 42.57
signal [adc counts]

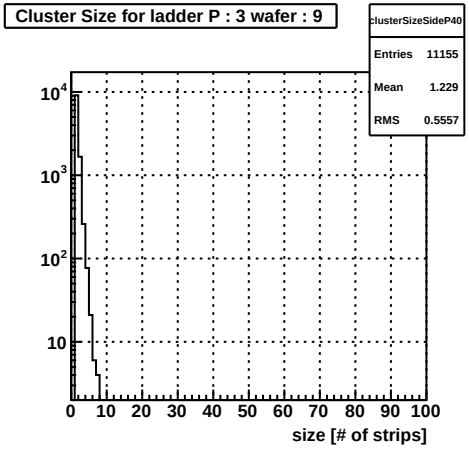

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 15667
Mean 1.083
RMS 0.3143
size [# of strips]

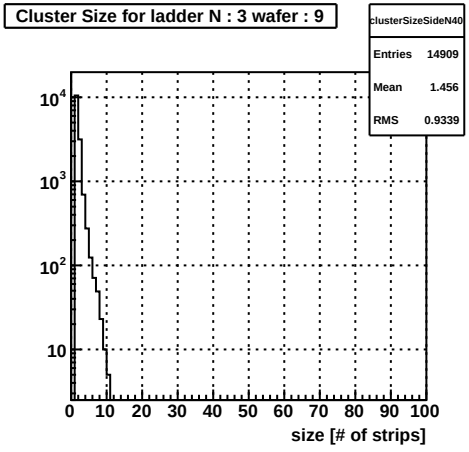

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 9660
Mean 1.343
RMS 0.6725
size [# of strips]

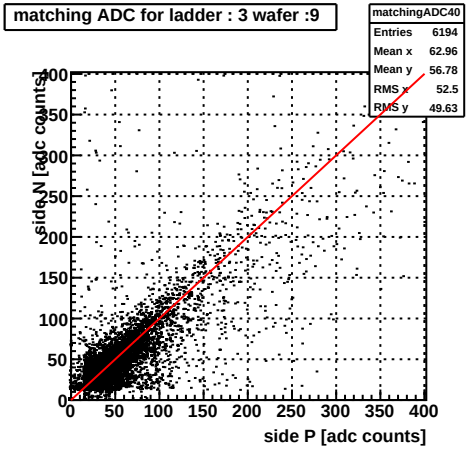

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 2773
Mean x 60.72
Mean y 68.83
RMS x 49.44
RMS y 60.13
side N [adc counts]
side P [adc counts]

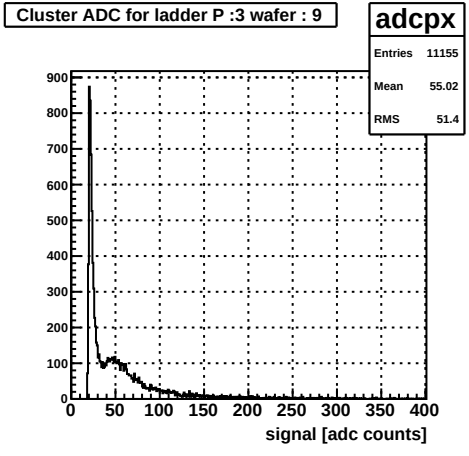

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 15667
Mean 35.32
RMS 31.65
signal [adc counts]

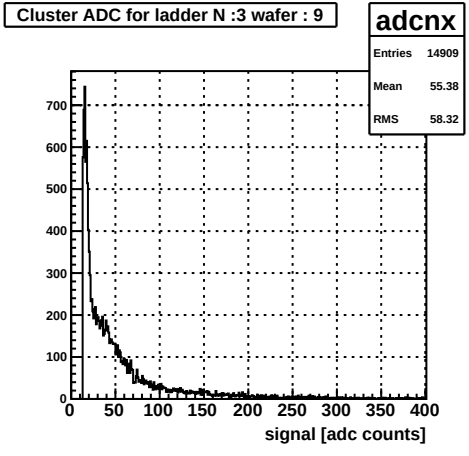

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 9660
Mean 57.83
RMS 54.85
signal [adc counts]

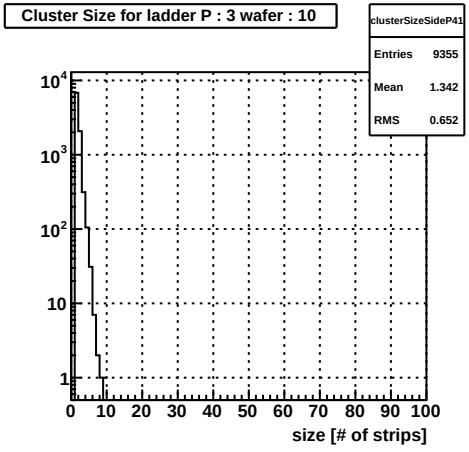

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 11155
Mean 1.229
RMS 0.5557
size [# of strips]

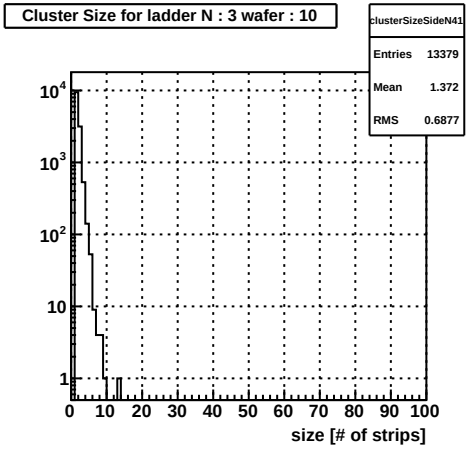

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 14909
Mean 1.456
RMS 0.9339
size [# of strips]

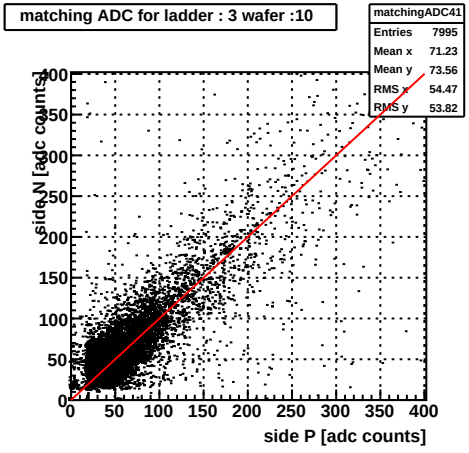

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 6194
Mean x 62.96
Mean y 56.78
RMS x 52.5
RMS y 49.63
side N [adc counts]
side P [adc counts]

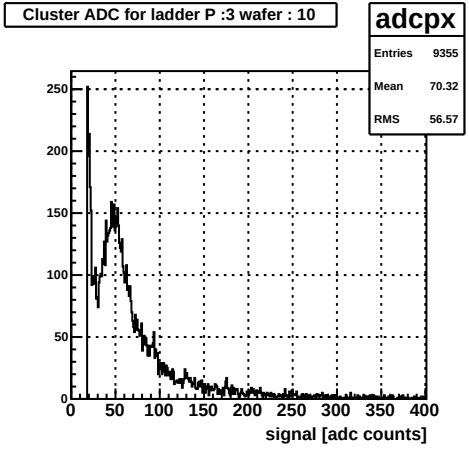

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 11155
Mean 55.02
RMS 51.4
signal [adc counts]

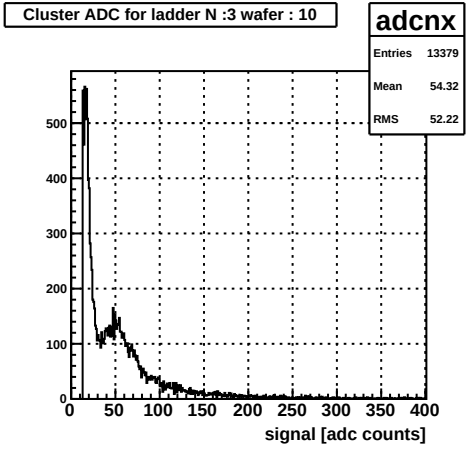

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 14909
Mean 55.38
RMS 58.32
signal [adc counts]

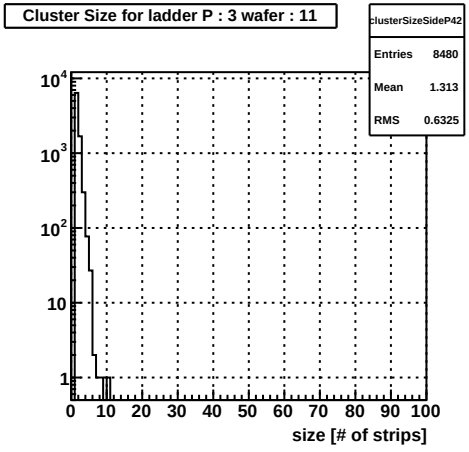

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 9355
Mean 1.342
RMS 0.652
size [# of strips]

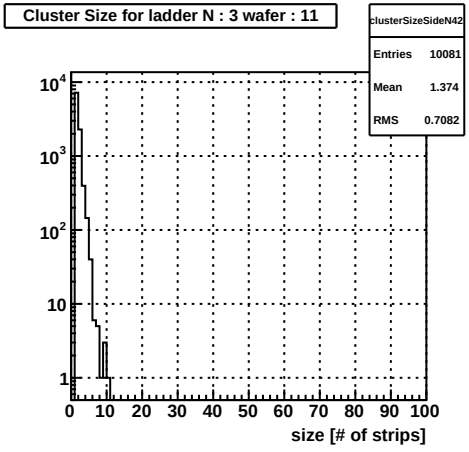

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 13379
Mean 1.372
RMS 0.6877
size [# of strips]

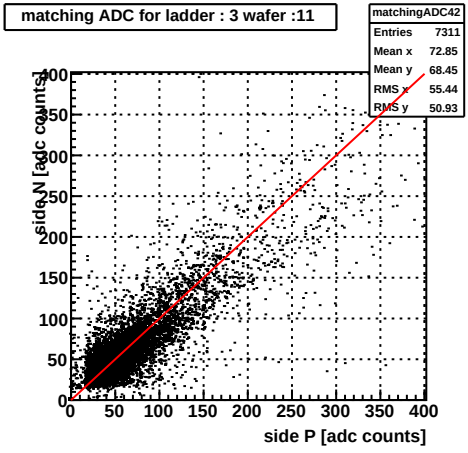

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7995
Mean x 71.23
Mean y 73.56
RMS x 54.47
RMS y 53.82
side N [adc counts]
side P [adc counts]

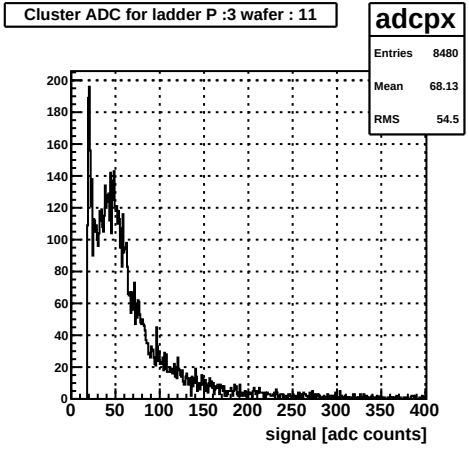

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 9355
Mean 70.32
RMS 56.57
signal [adc counts]

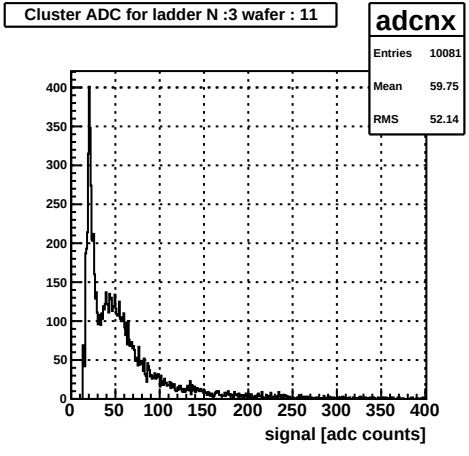

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 13379
Mean 54.32
RMS 52.22
signal [adc counts]

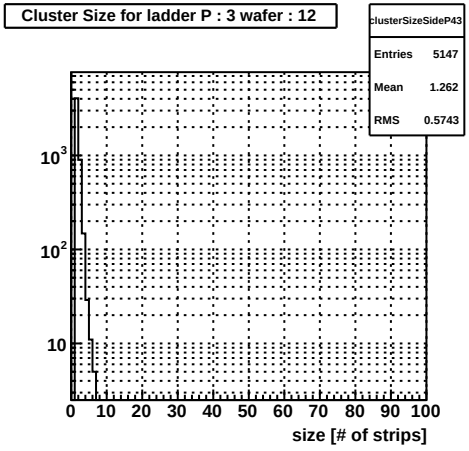

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 8480
Mean 1.313
RMS 0.6325
size [# of strips]

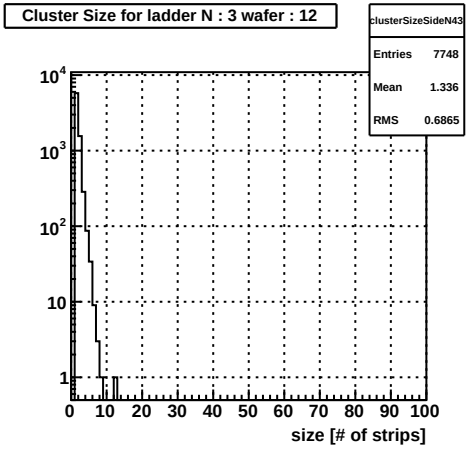

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 10081
Mean 1.374
RMS 0.7082
size [# of strips]

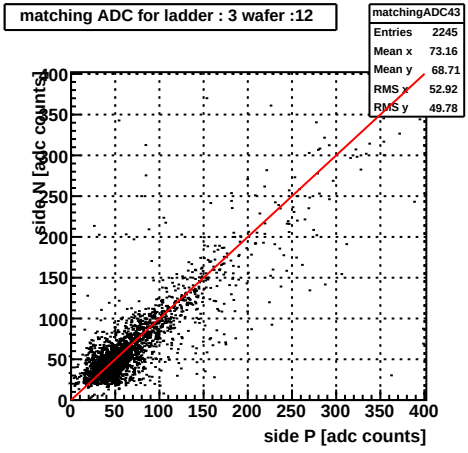

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 7311
Mean x 72.85
Mean y 68.45
RMS x 55.44
RMS y 50.93
side N [adc counts]
side P [adc counts]

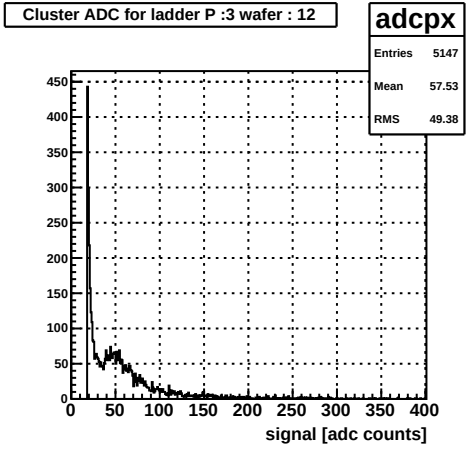

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 8480
Mean 68.13
RMS 54.5
signal [adc counts]

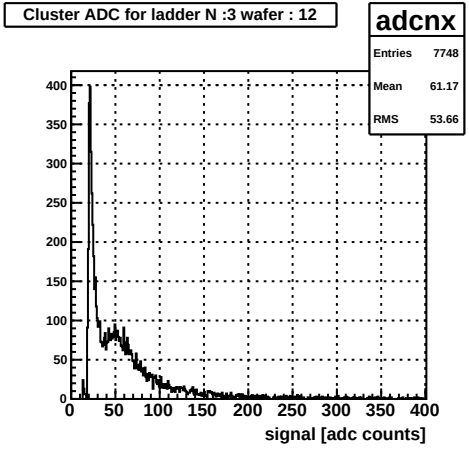

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 10081
Mean 59.75
RMS 52.14
signal [adc counts]

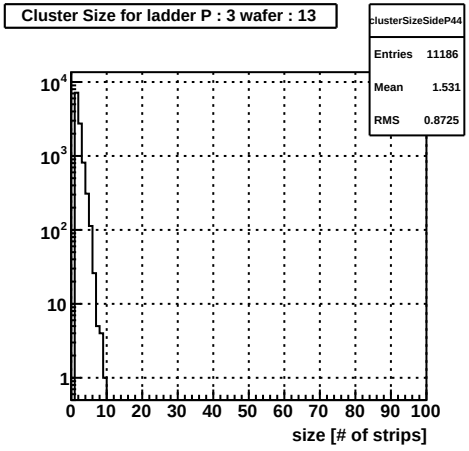

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 5147
Mean 1.262
RMS 0.5743
size [# of strips]

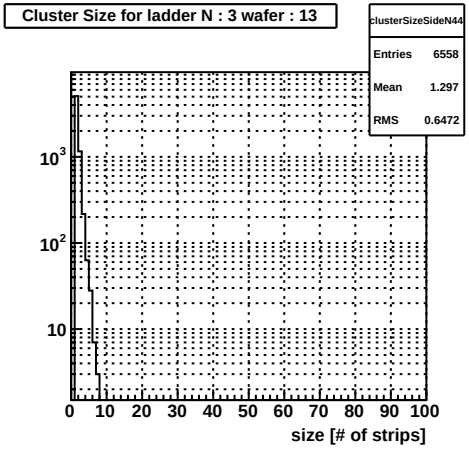

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 7748
Mean 1.336
RMS 0.6865
size [# of strips]

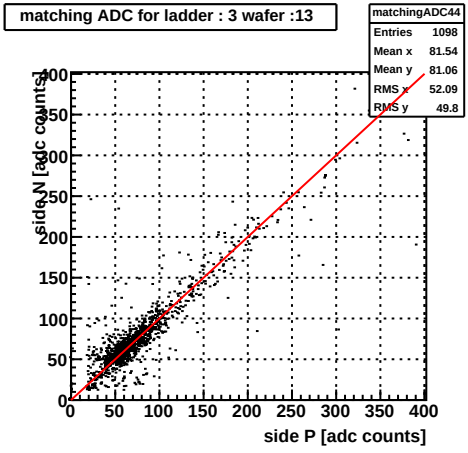

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2245
Mean x 73.16
Mean y 68.71
RMS x 52.92
RMS y 49.78
side N [adc counts]
side P [adc counts]

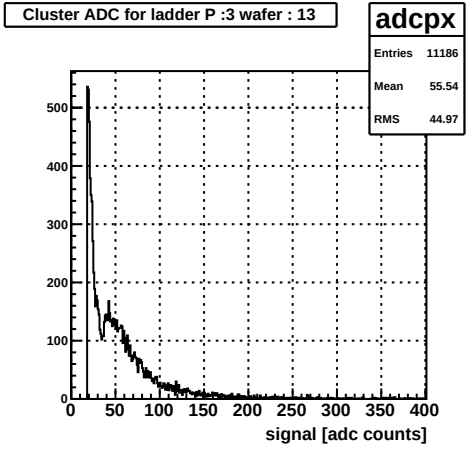

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 5147
Mean 57.53
RMS 49.38
signal [adc counts]

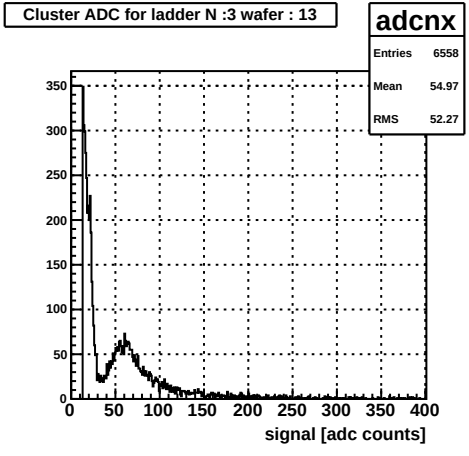

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 7748
Mean 61.17
RMS 53.66
signal [adc counts]

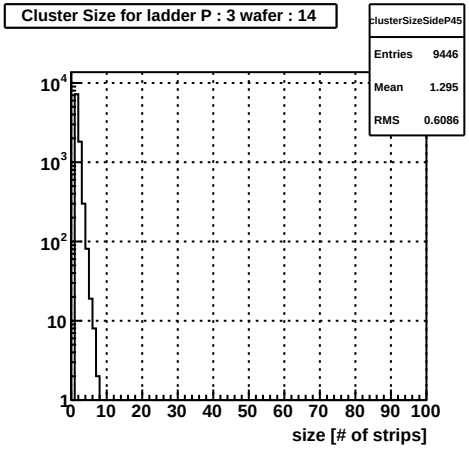

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 11186
Mean 1.531
RMS 0.8725
size [# of strips]

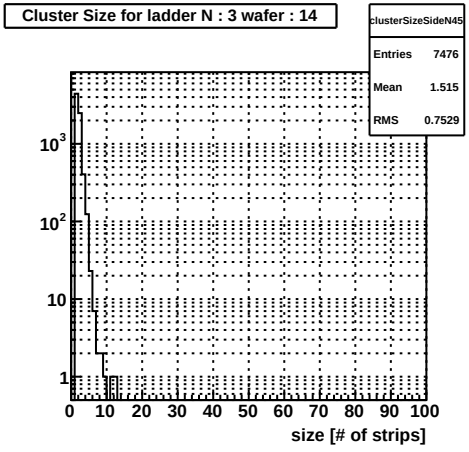

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 6558
Mean 1.297
RMS 0.6472
size [# of strips]

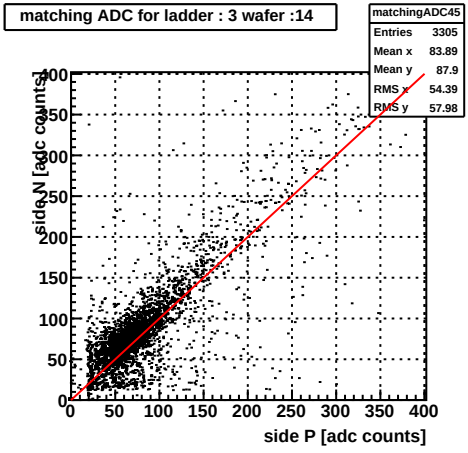

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1098
Mean x 81.54
Mean y 81.06
RMS x 52.09
RMS y 49.8
side N [adc counts]
side P [adc counts]

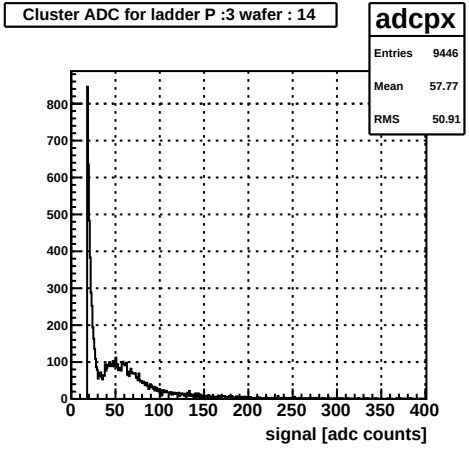

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 11186
Mean 55.54
RMS 44.97
signal [adc counts]

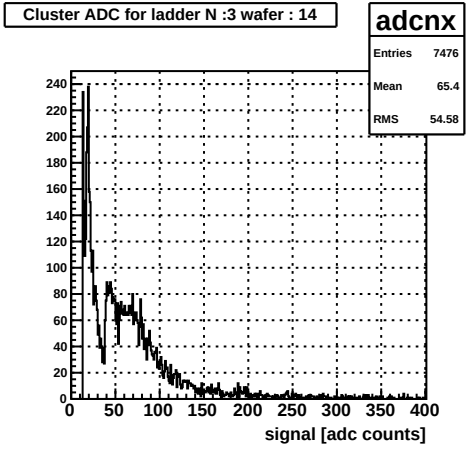

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 6558
Mean 54.97
RMS 52.27
signal [adc counts]

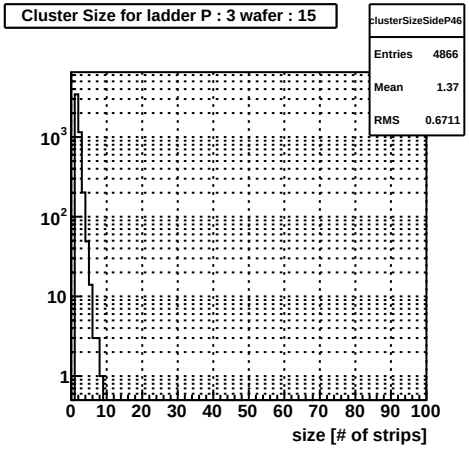

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9446
Mean 1.295
RMS 0.6086
size [# of strips]

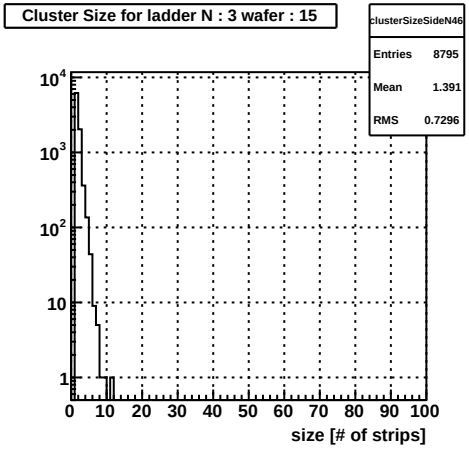

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 7476
Mean 1.515
RMS 0.7529
size [# of strips]

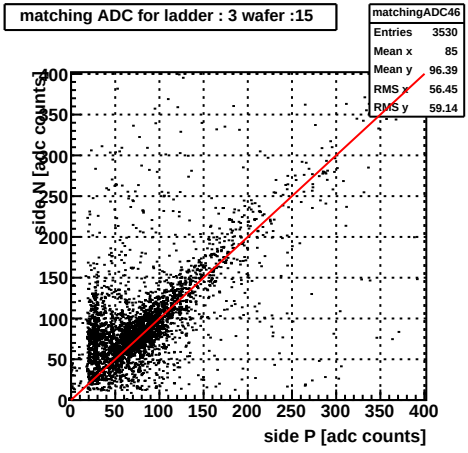

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3305
Mean x 83.89
Mean y 87.9
RMS x 54.39
RMS y 57.98
side N [adc counts]
side P [adc counts]

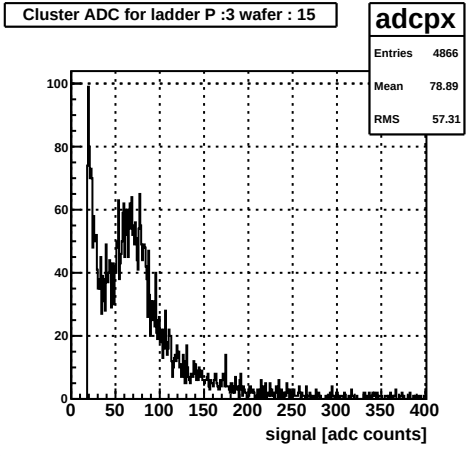

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9446
Mean 57.77
RMS 50.91
signal [adc counts]

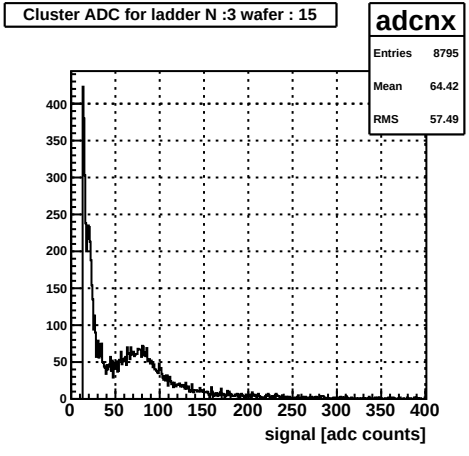

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 7476
Mean 65.4
RMS 54.58
signal [adc counts]

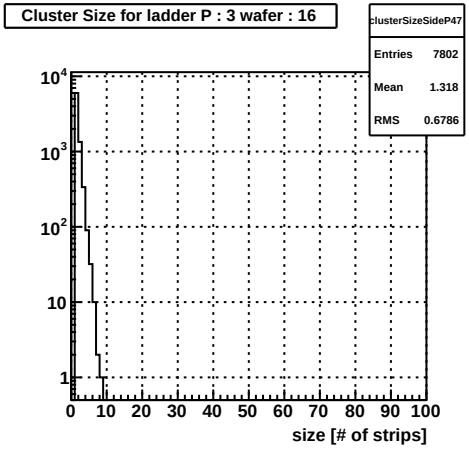

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 4866
Mean 1.37
RMS 0.6711
size [# of strips]

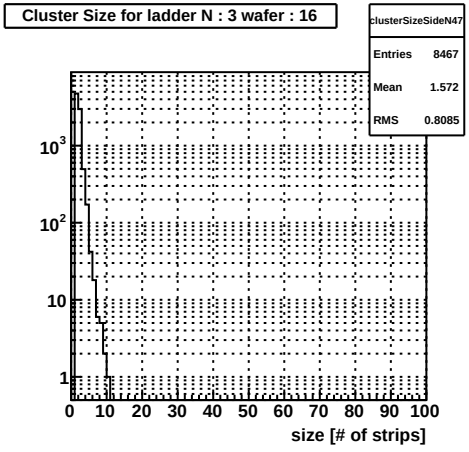

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 8795
Mean 1.391
RMS 0.7296
size [# of strips]

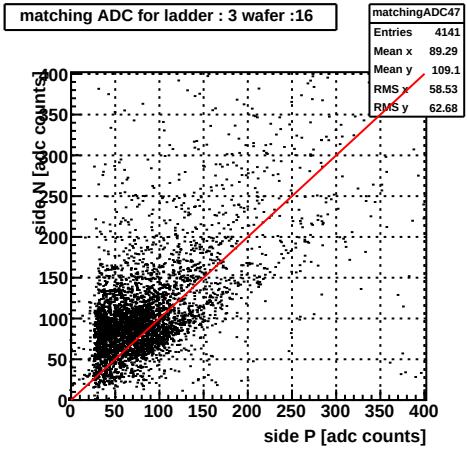

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3530
Mean x 85
Mean y 96.39
RMS x 56.45
RMS y 59.14
side N [adc counts]
side P [adc counts]

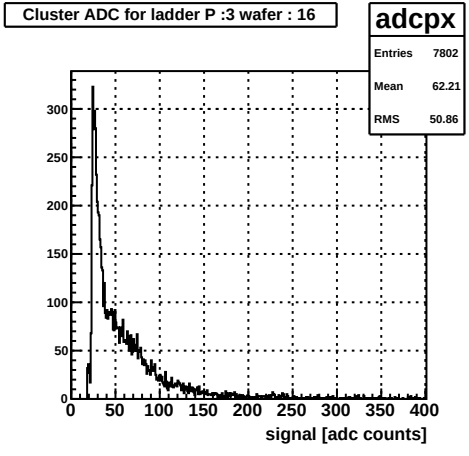

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 4866
Mean 78.89
RMS 57.31
signal [adc counts]

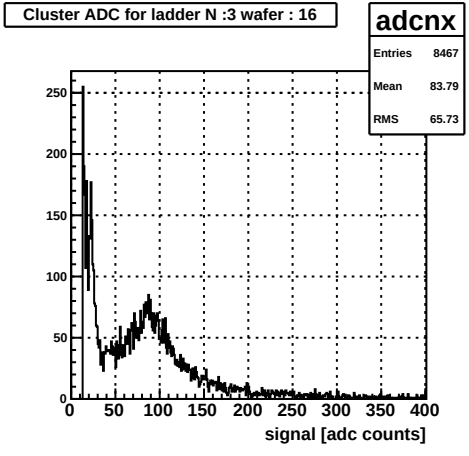

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 8795
Mean 64.42
RMS 57.49
signal [adc counts]

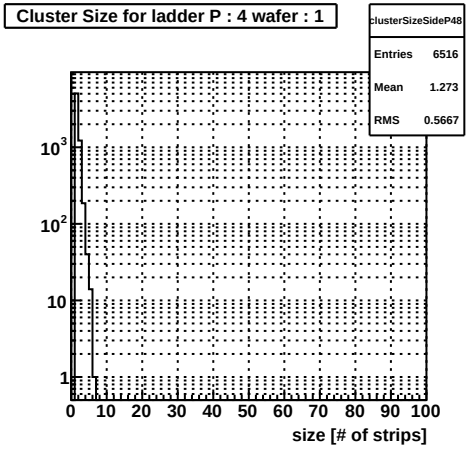

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 7802
Mean 1.318
RMS 0.6786
size [# of strips]

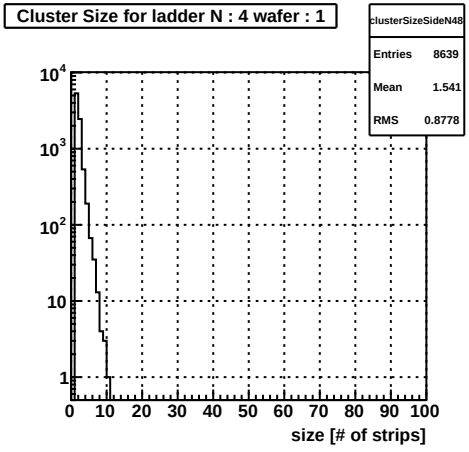

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 8467
Mean 1.572
RMS 0.8085
size [# of strips]

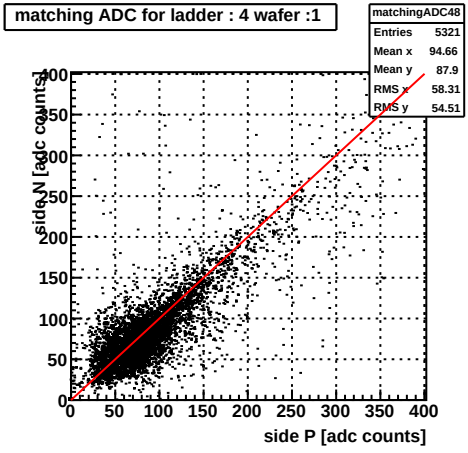

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 4141
Mean x 89.29
Mean y 109.1
RMS x 58.53
RMS y 62.68
side N [adc counts]
side P [adc counts]

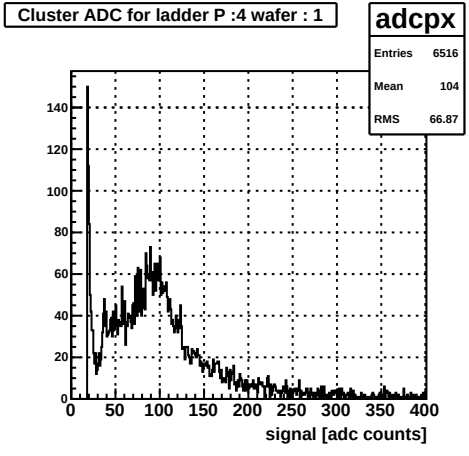

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 7802
Mean 62.21
RMS 50.86
signal [adc counts]

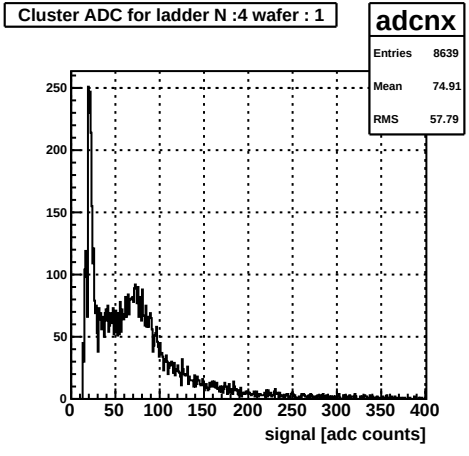

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 8467
Mean 83.79
RMS 65.73
signal [adc counts]

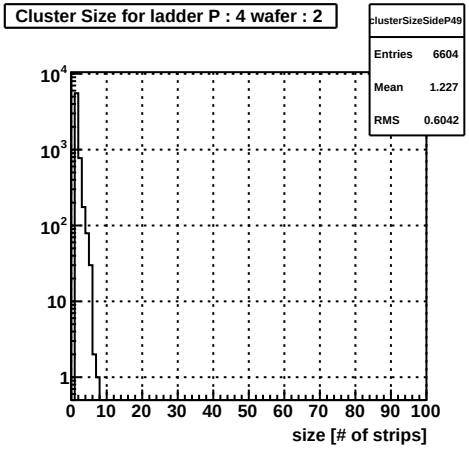

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 6516
Mean 1.273
RMS 0.5667
size [# of strips]

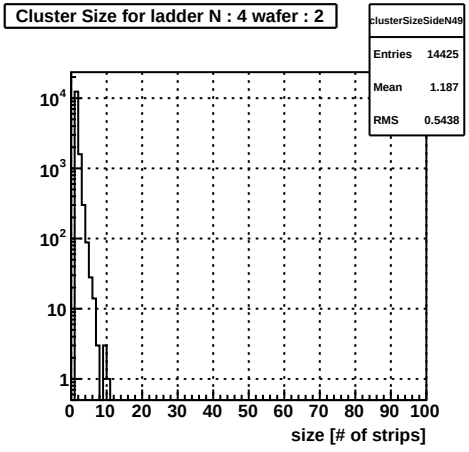

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 8639
Mean 1.541
RMS 0.8778
size [# of strips]

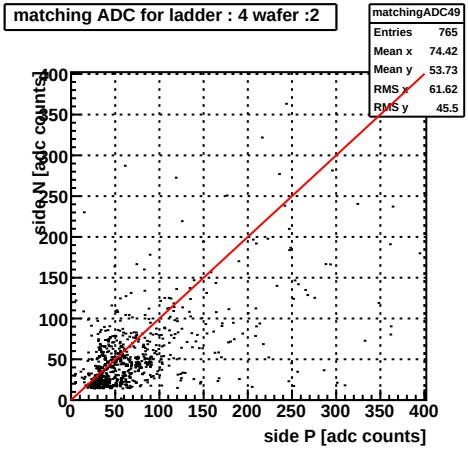

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 5321
Mean x 94.66
Mean y 87.9
RMS x 58.31
RMS y 54.51
side N [adc counts]
side P [adc counts]

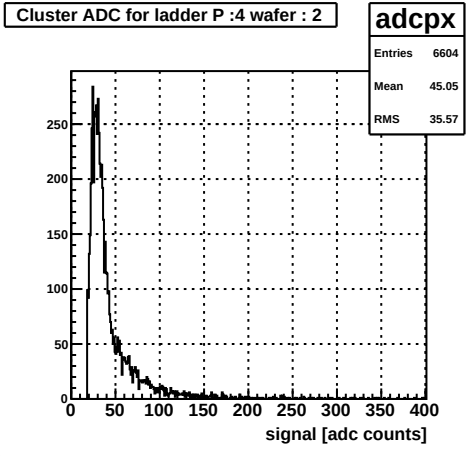

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 6516
Mean 104
RMS 66.87
signal [adc counts]

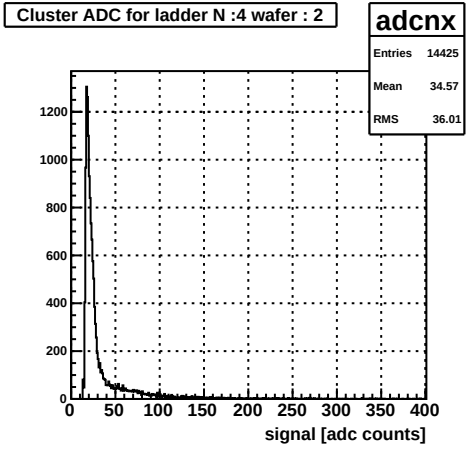

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 8639
Mean 74.91
RMS 57.79
signal [adc counts]

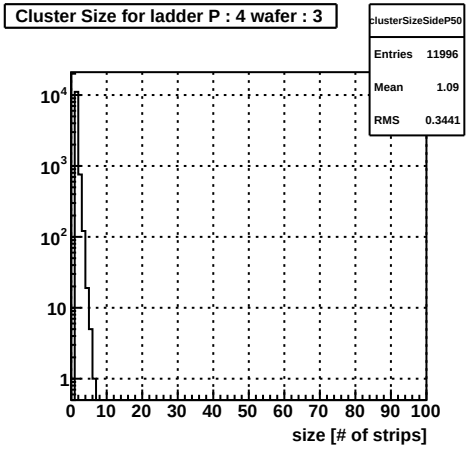

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6604
Mean 1.227
RMS 0.6042
size [# of strips]

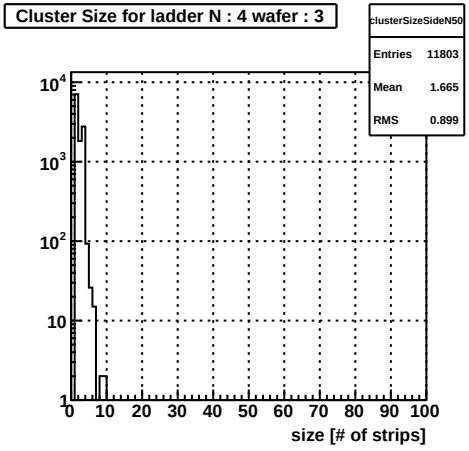

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 14425
Mean 1.187
RMS 0.5438
size [# of strips]

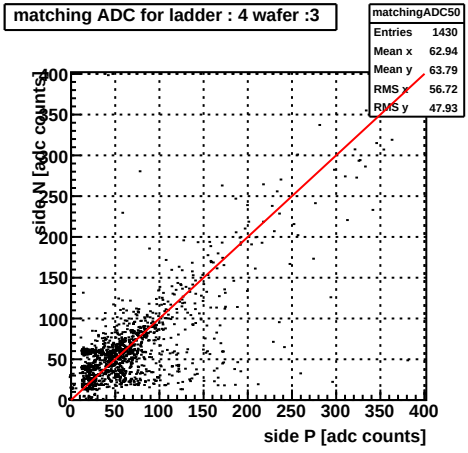

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 765
Mean x 74.42
Mean y 53.73
RMS x 61.62
RMS y 45.5
side N [adc counts]
side P [adc counts]

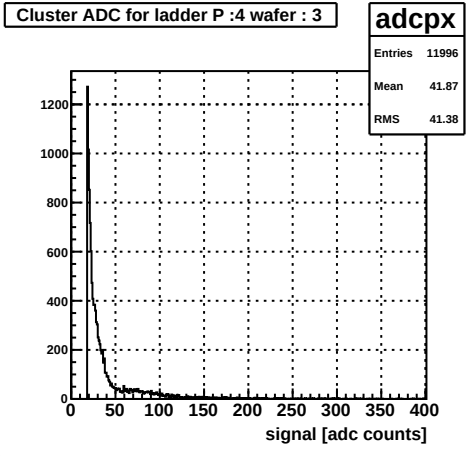

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6604
Mean 45.05
RMS 35.57
signal [adc counts]

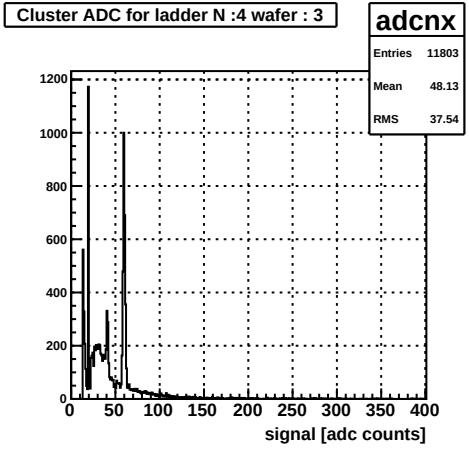

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 14425
Mean 34.57
RMS 36.01
signal [adc counts]

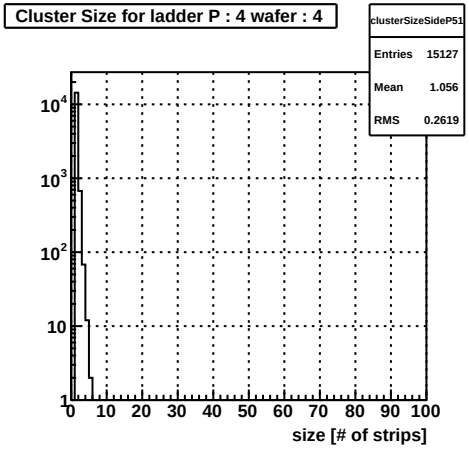

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 11996
Mean 1.09
RMS 0.3441
size [# of strips]

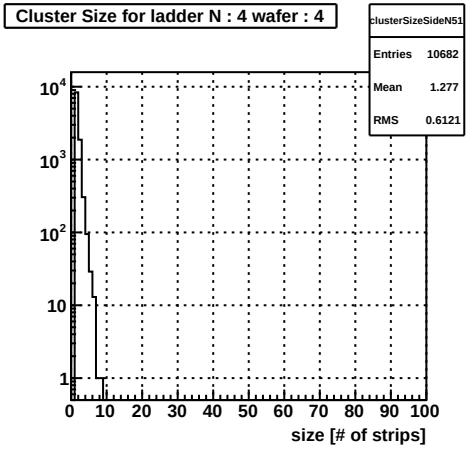

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 11803
Mean 1.665
RMS 0.899
size [# of strips]

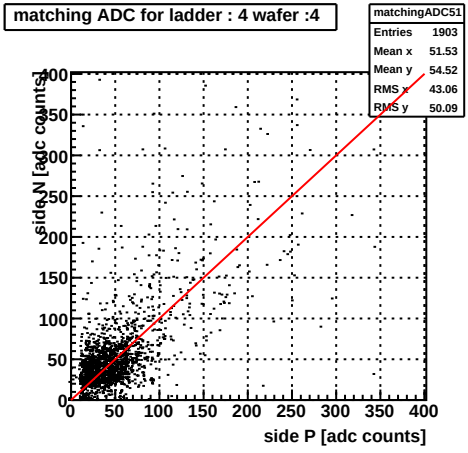

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1430
Mean x 62.94
Mean y 63.79
RMS x 56.72
RMS y 47.93
side N [adc counts]
side P [adc counts]

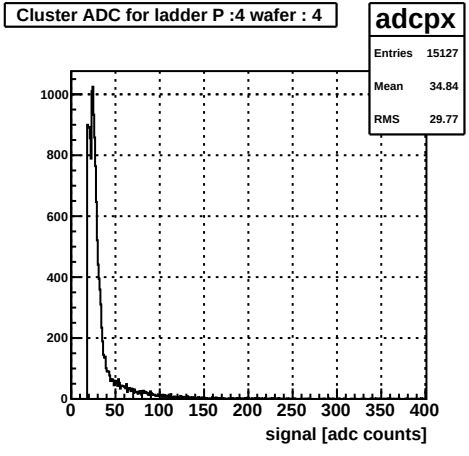

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 11996
Mean 41.87
RMS 41.38
signal [adc counts]

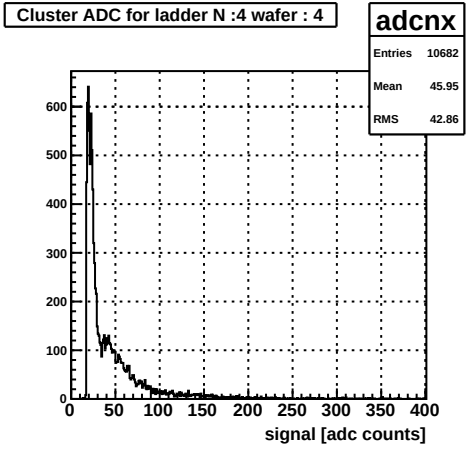

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 11803
Mean 48.13
RMS 37.54
signal [adc counts]

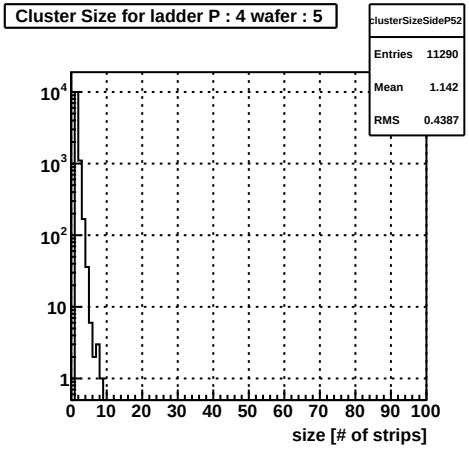

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 15127
Mean 1.056
RMS 0.2619
size [# of strips]

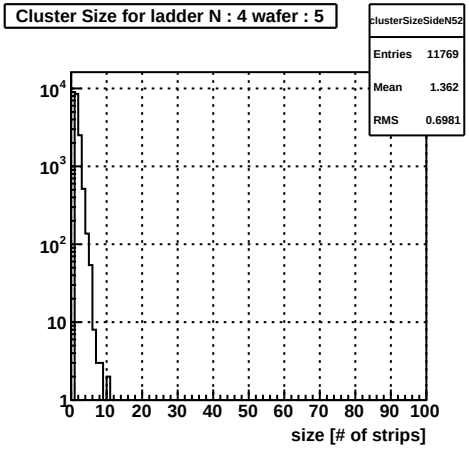

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 10682
Mean 1.277
RMS 0.6121
size [# of strips]

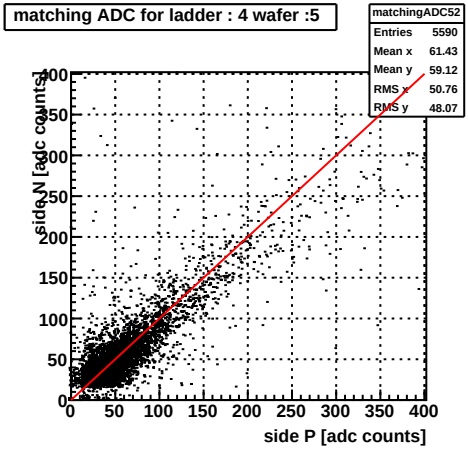

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1903
Mean x 51.53
Mean y 54.52
RMS x 43.06
RMS y 50.09
side N [adc counts]
side P [adc counts]

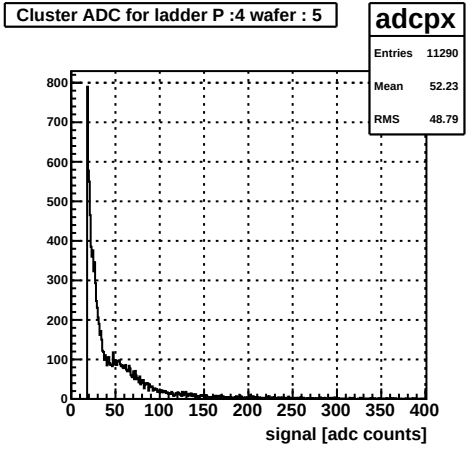

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 15127
Mean 34.84
RMS 29.77
signal [adc counts]

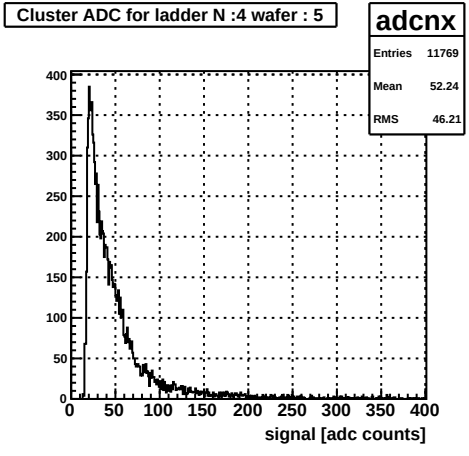

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 10682
Mean 45.95
RMS 42.86
signal [adc counts]

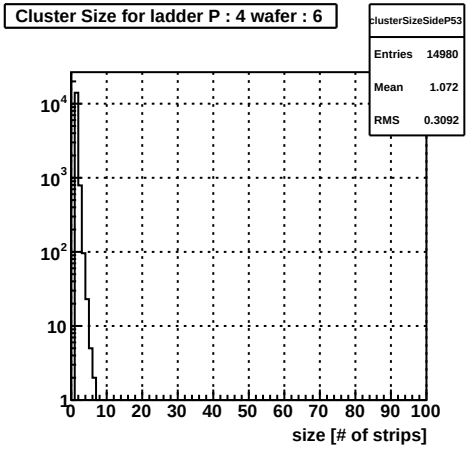

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 11290
Mean 1.142
RMS 0.4387
size [# of strips]

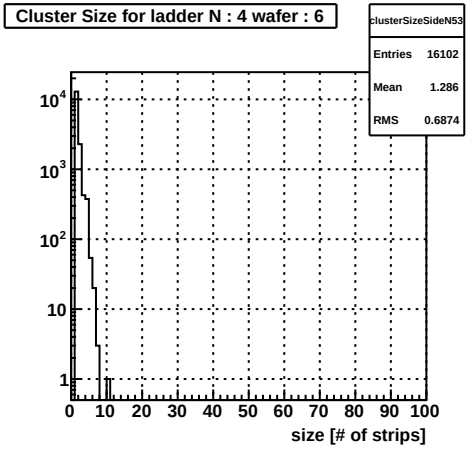

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 11769
Mean 1.362
RMS 0.6981
size [# of strips]

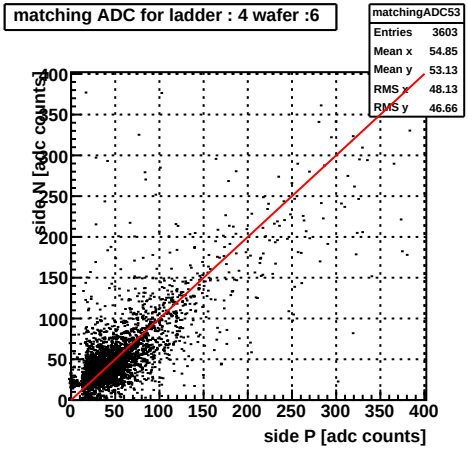

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 5590
Mean x 61.43
Mean y 59.12
RMS x 50.76
RMS y 48.07
side N [adc counts]
side P [adc counts]

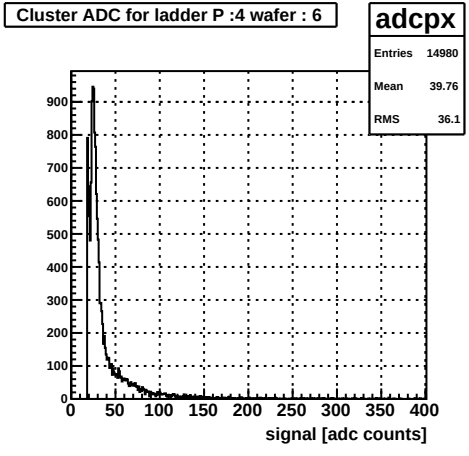

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 11290
Mean 52.23
RMS 48.79
signal [adc counts]

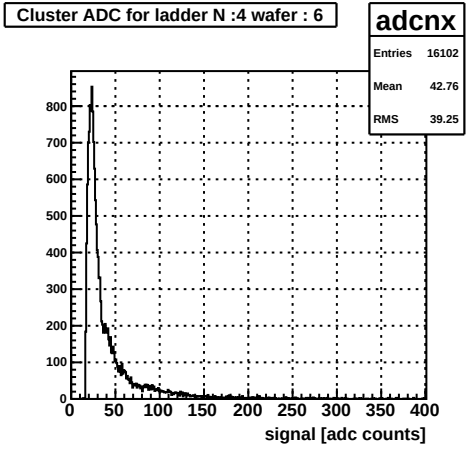

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 11769
Mean 52.24
RMS 46.21
signal [adc counts]

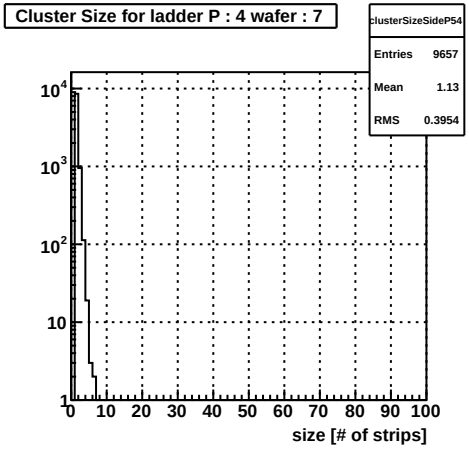

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 14980
Mean 1.072
RMS 0.3092
size [# of strips]

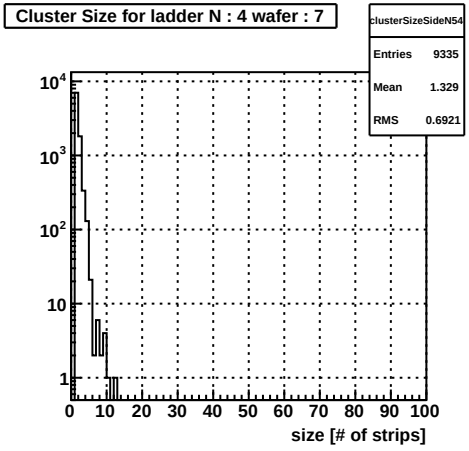

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 16102
Mean 1.286
RMS 0.6874
size [# of strips]

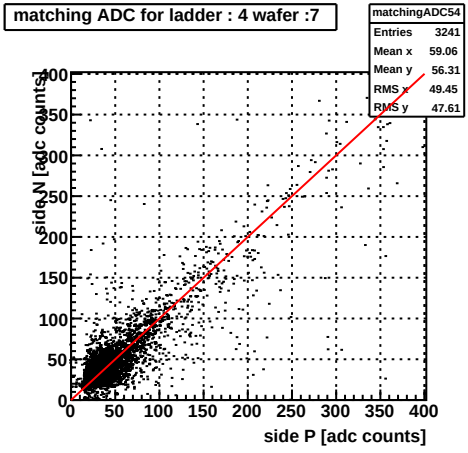

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 3603
Mean x 54.85
Mean y 53.13
RMS x 48.13
RMS y 46.66
side N [adc counts]
side P [adc counts]

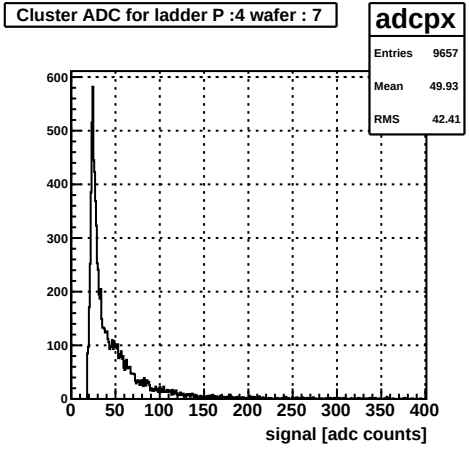

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 14980
Mean 39.76
RMS 36.1
signal [adc counts]

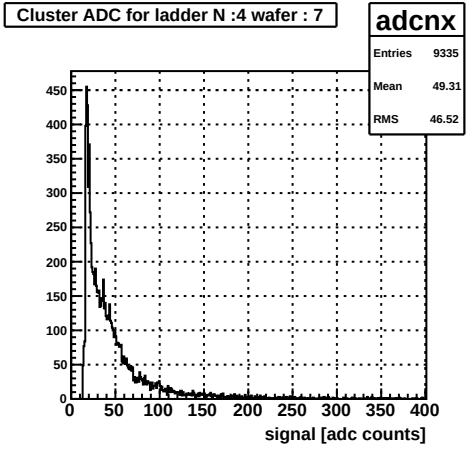

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 16102
Mean 42.76
RMS 39.25
signal [adc counts]

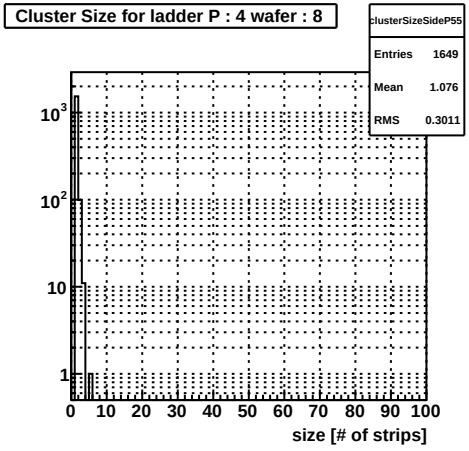

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 9657
Mean 1.13
RMS 0.3954
size [# of strips]

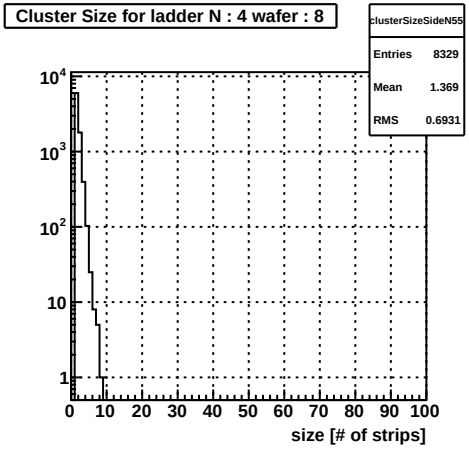

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 9335
Mean 1.329
RMS 0.6921
size [# of strips]

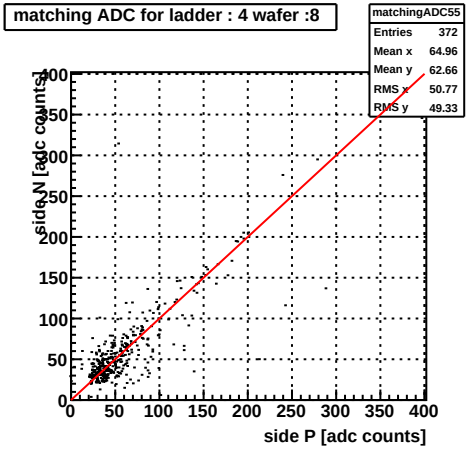

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 3241
Mean x 59.06
Mean y 56.31
RMS x 49.45
RMS y 47.61
side N [adc counts]
side P [adc counts]

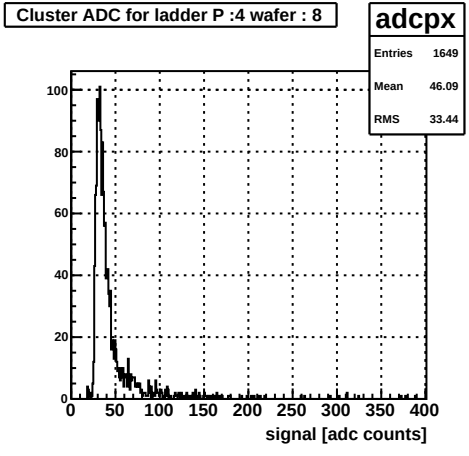

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 9657
Mean 49.93
RMS 42.41
signal [adc counts]

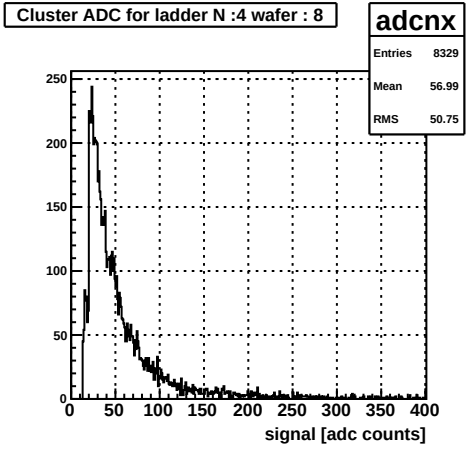

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 9335
Mean 49.31
RMS 46.52
signal [adc counts]

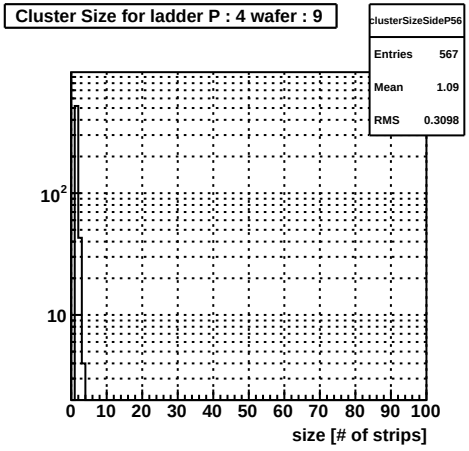

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1649
Mean 1.076
RMS 0.3011
size [# of strips]

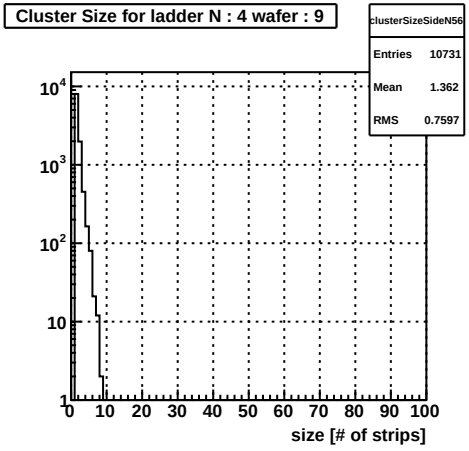

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 8329
Mean 1.369
RMS 0.6931
size [# of strips]

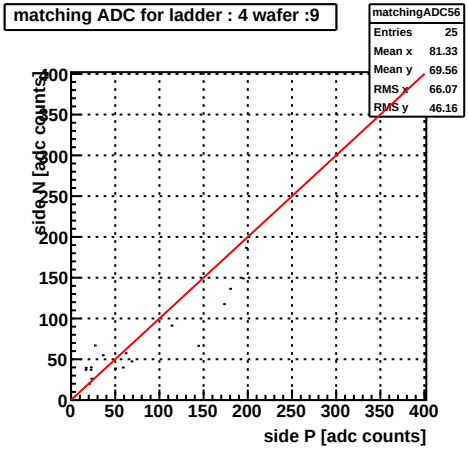

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 372
Mean x 64.96
Mean y 62.66
RMS x 50.77
RMS y 49.33
side N [adc counts]
side P [adc counts]

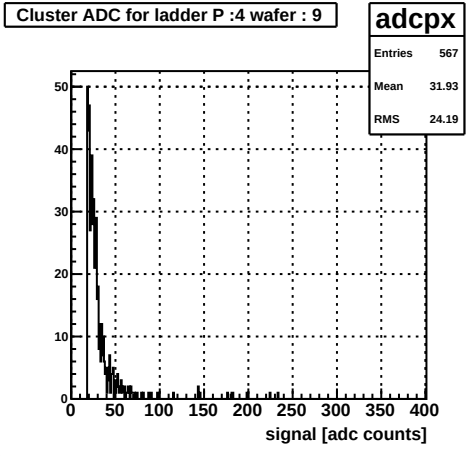

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1649
Mean 46.09
RMS 33.44
signal [adc counts]

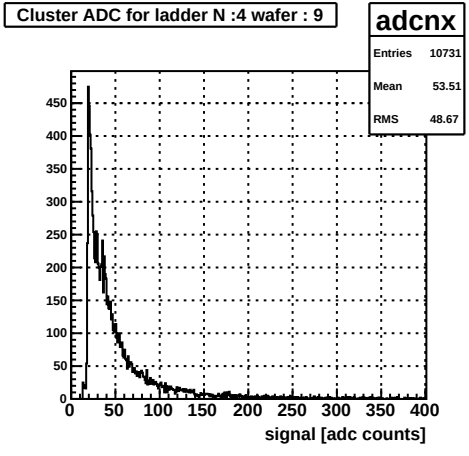

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 8329
Mean 56.99
RMS 50.75
signal [adc counts]

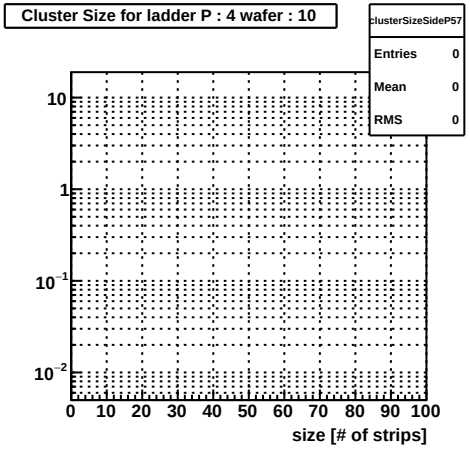

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 567
Mean 1.09
RMS 0.3098
size [# of strips]

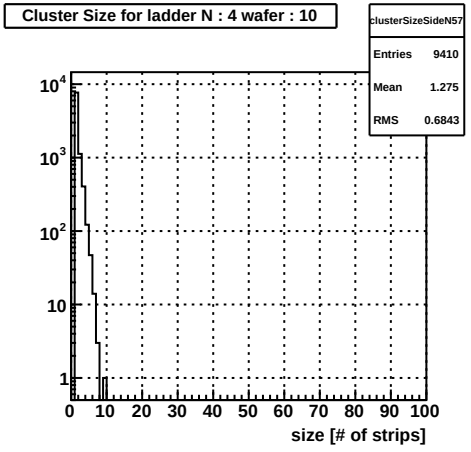

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 10731
Mean 1.362
RMS 0.7597
size [# of strips]

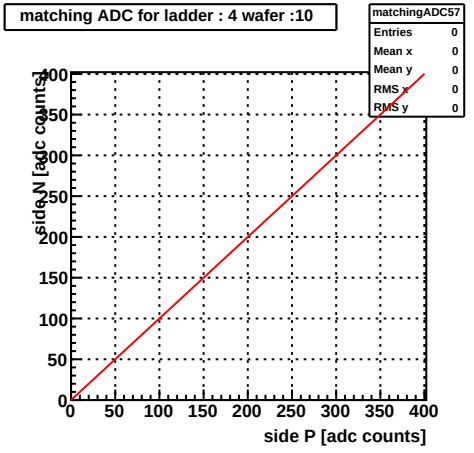

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 25
Mean x 81.33
Mean y 69.56
RMS x 66.07
RMS y 46.16
side N [adc counts]
side P [adc counts]

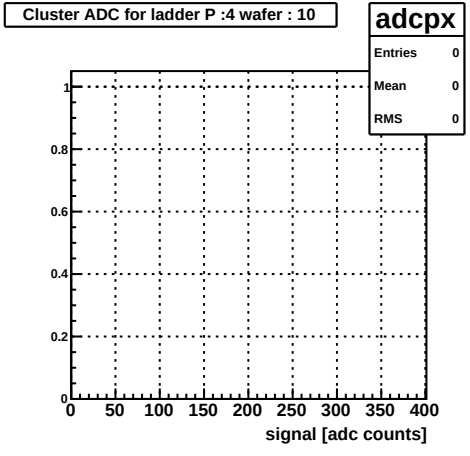

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 567
Mean 31.93
RMS 24.19
signal [adc counts]

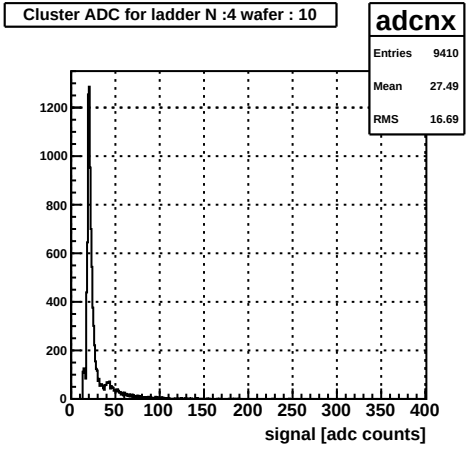

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 10731
Mean 53.51
RMS 48.67
signal [adc counts]

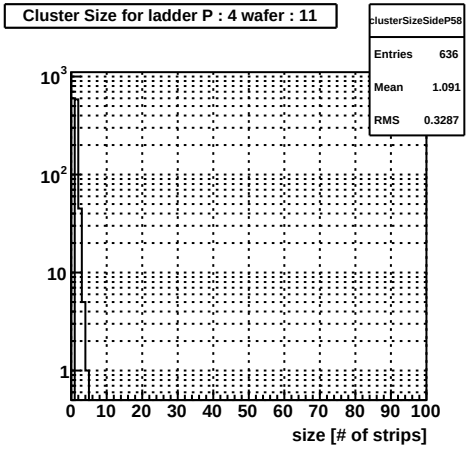

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

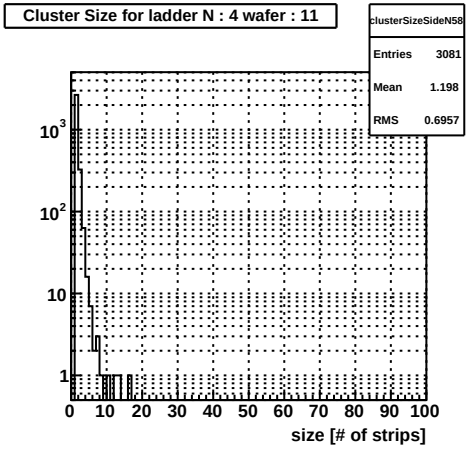

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 9410
Mean 1.275
RMS 0.6843
size [# of strips]

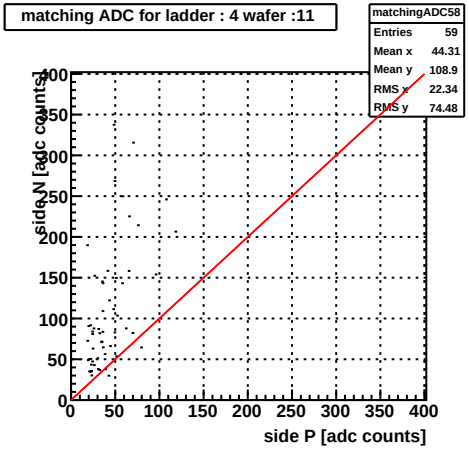

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

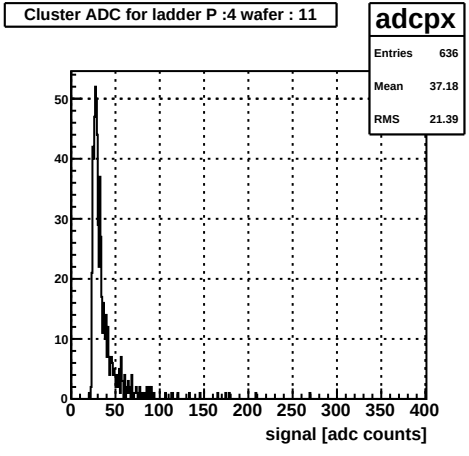

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

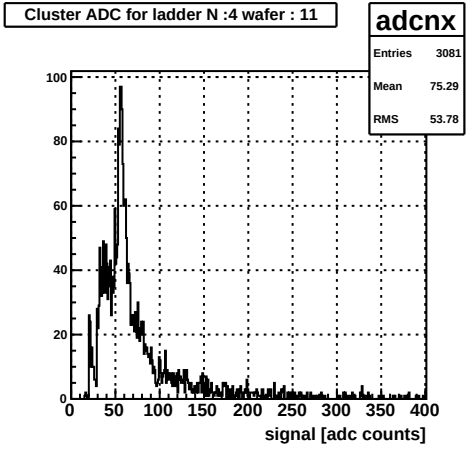

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 9410
Mean 27.49
RMS 16.69
signal [adc counts]

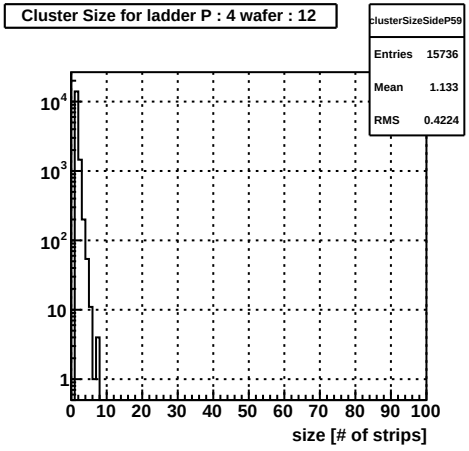

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 636
Mean 1.091
RMS 0.3287
size [# of strips]

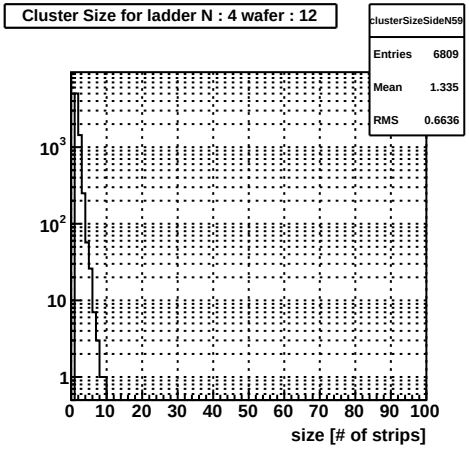

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3081
Mean 1.198
RMS 0.6957
size [# of strips]

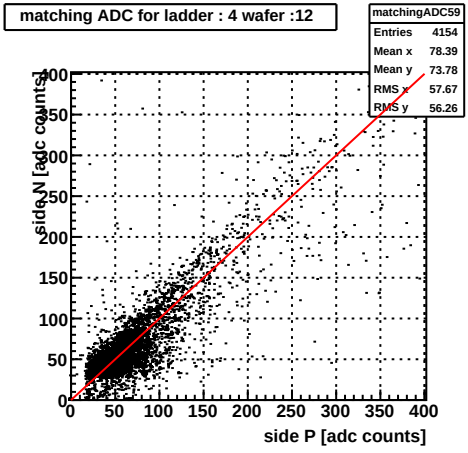

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 59
Mean x 44.31
Mean y 108.9
RMS x 22.34
RMS y 74.48
side N [adc counts]
side P [adc counts]

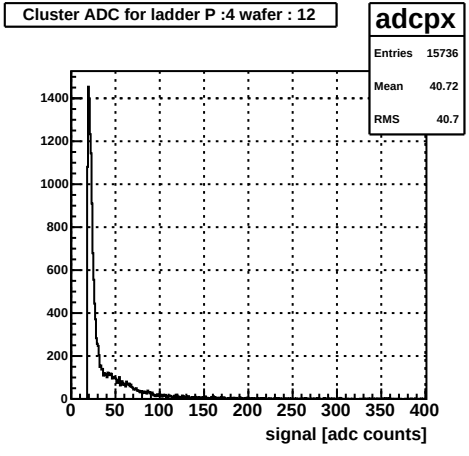

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 636
Mean 37.18
RMS 21.39
signal [adc counts]

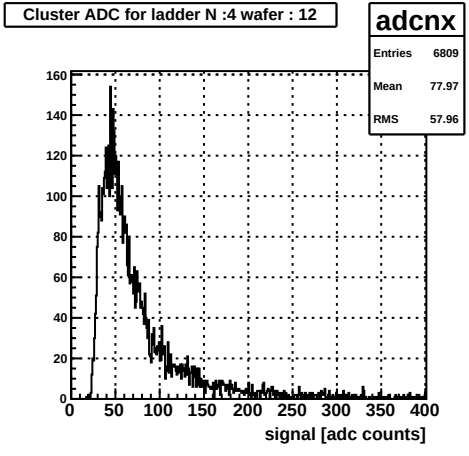

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3081
Mean 75.29
RMS 53.78
signal [adc counts]

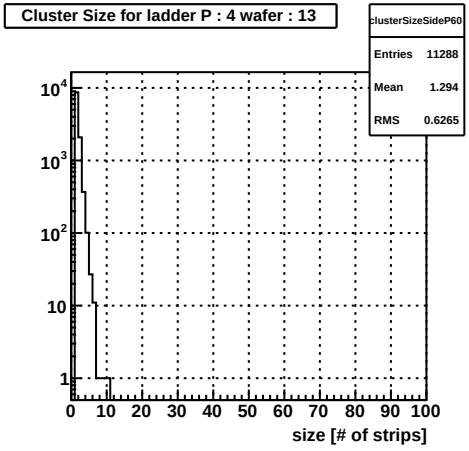

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 15736
Mean 1.133
RMS 0.4224
size [# of strips]

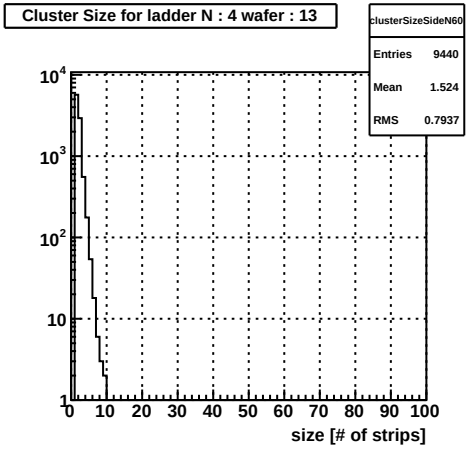

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6809
Mean 1.335
RMS 0.6636
size [# of strips]

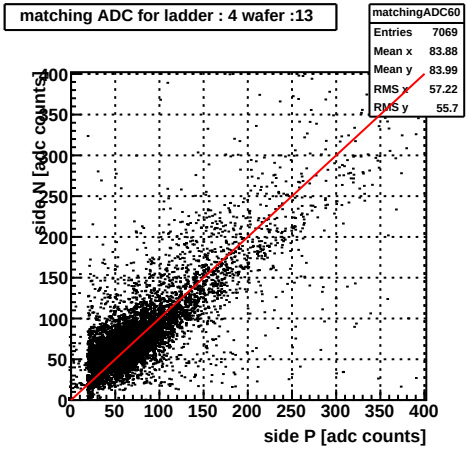

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4154
Mean x 78.39
Mean y 73.78
RMS x 57.67
RMS y 56.26
side N [adc counts]
side P [adc counts]

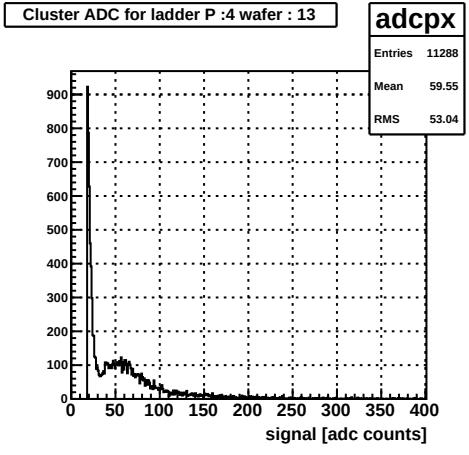

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 15736
Mean 40.72
RMS 40.7
signal [adc counts]

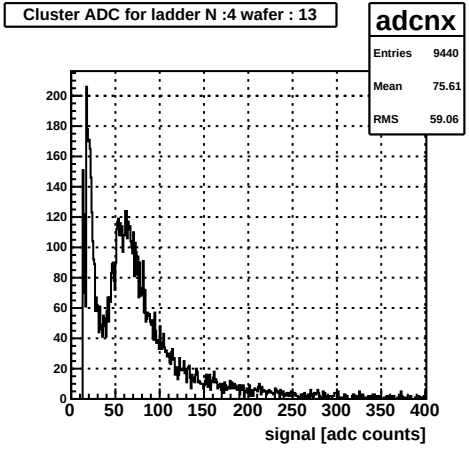

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6809
Mean 77.97
RMS 57.96
signal [adc counts]

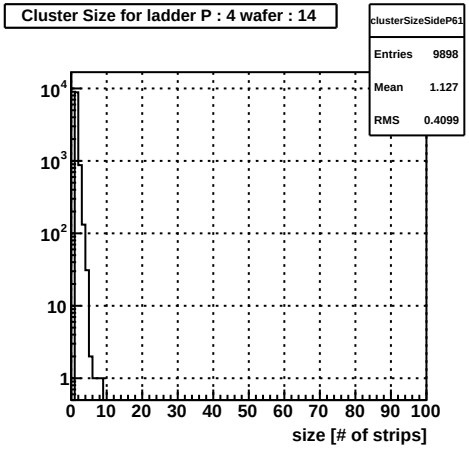

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 11288
Mean 1.294
RMS 0.6265
size [# of strips]

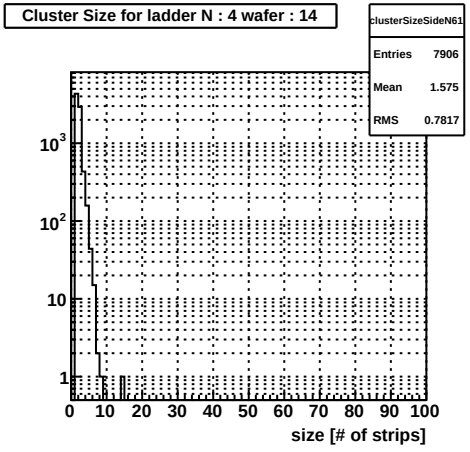

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 9440
Mean 1.524
RMS 0.7937
size [# of strips]

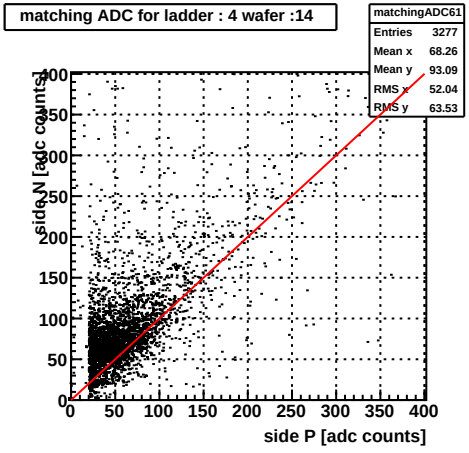

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 7069
Mean x 83.88
Mean y 83.99
RMS x 57.22
RMS y 55.7
side N [adc counts]
side P [adc counts]

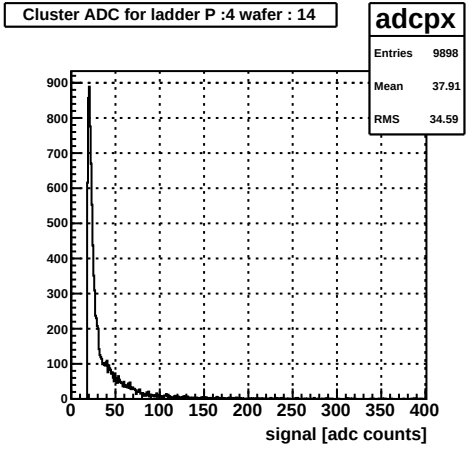

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 11288
Mean 59.55
RMS 53.04
signal [adc counts]

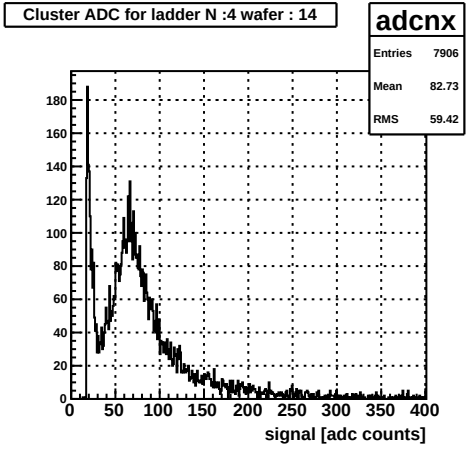

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 9440
Mean 75.61
RMS 59.06
signal [adc counts]

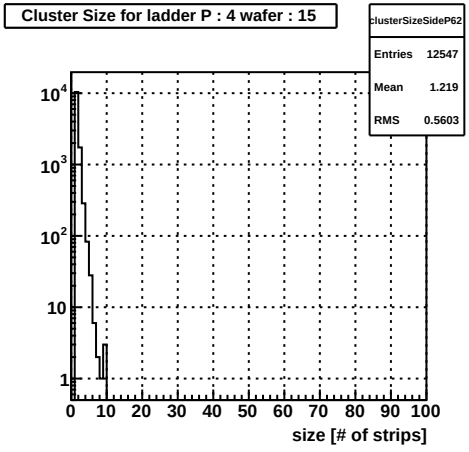

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9898
Mean 1.127
RMS 0.4099
size [# of strips]

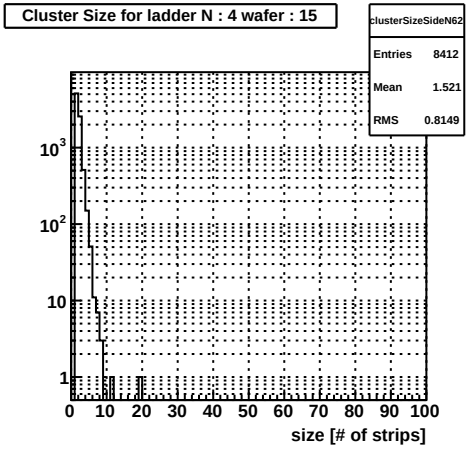

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 7906
Mean 1.575
RMS 0.7817
size [# of strips]

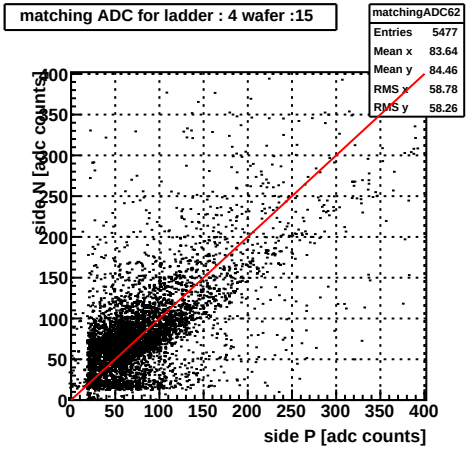

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 3277
Mean x 68.26
Mean y 93.09
RMS x 52.04
RMS y 63.53
side N [adc counts]
side P [adc counts]

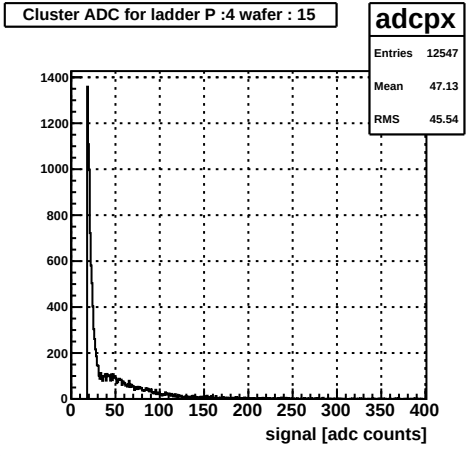

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9898
Mean 37.91
RMS 34.59
signal [adc counts]

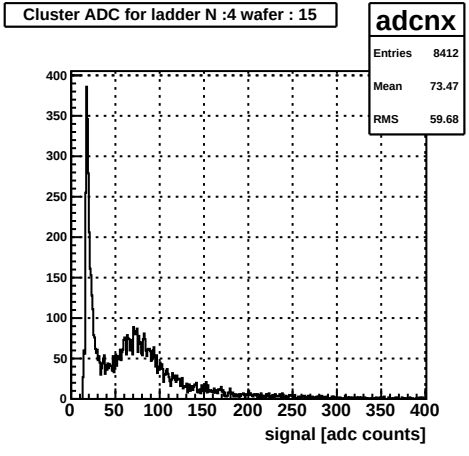

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 7906
Mean 82.73
RMS 59.42
signal [adc counts]

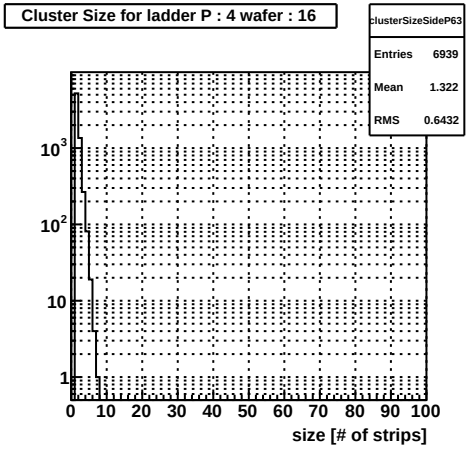

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 12547
Mean 1.219
RMS 0.5603
size [# of strips]

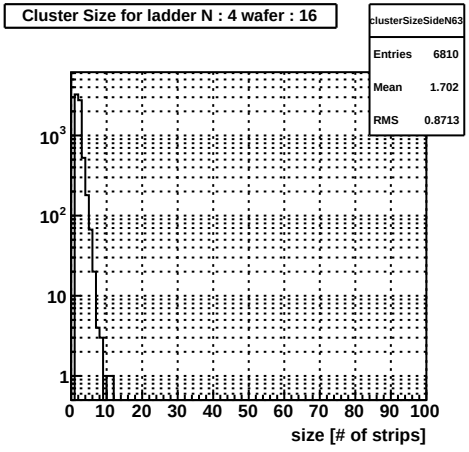

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 8412
Mean 1.521
RMS 0.8149
size [# of strips]

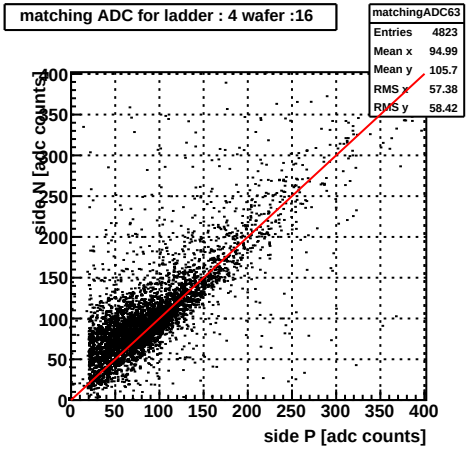

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 5477
Mean x 83.64
Mean y 84.46
RMS x 58.78
RMS y 58.26
side N [adc counts]
side P [adc counts]

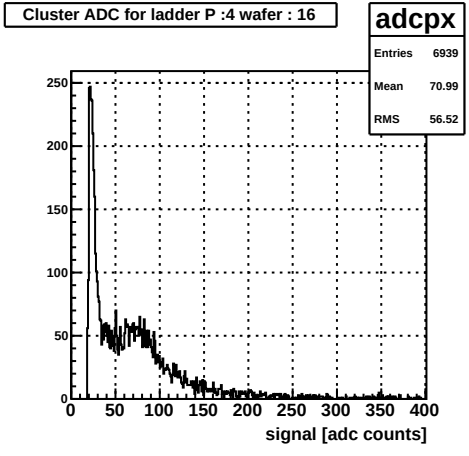

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 12547
Mean 47.13
RMS 45.54
signal [adc counts]

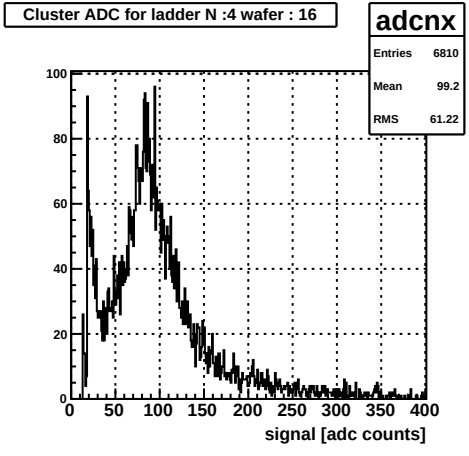

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 8412
Mean 73.47
RMS 59.68
signal [adc counts]

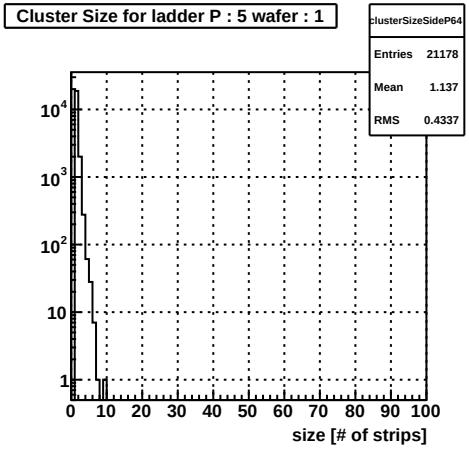

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 6939
Mean 1.322
RMS 0.6432
size [# of strips]

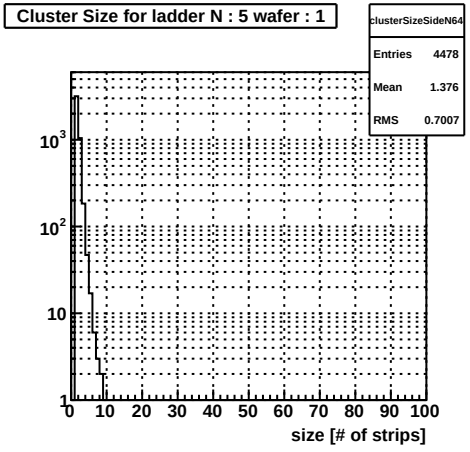

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 6810
Mean 1.702
RMS 0.8713
size [# of strips]

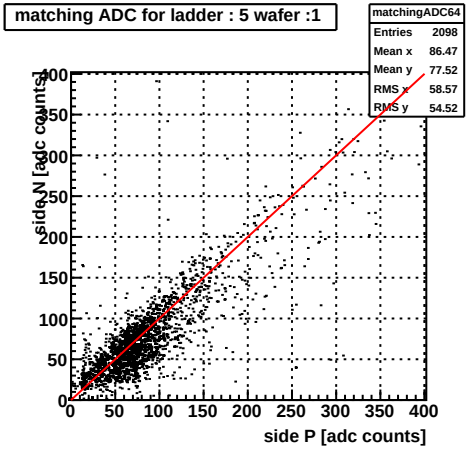

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 4823
Mean x 94.99
Mean y 105.7
RMS x 57.38
RMS y 58.42
side N [adc counts]
side P [adc counts]

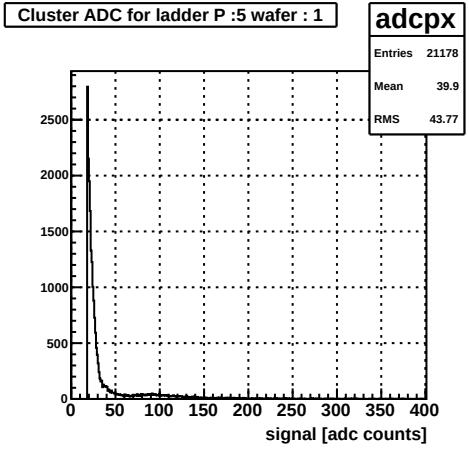

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 6939
Mean 70.99
RMS 56.52
signal [adc counts]

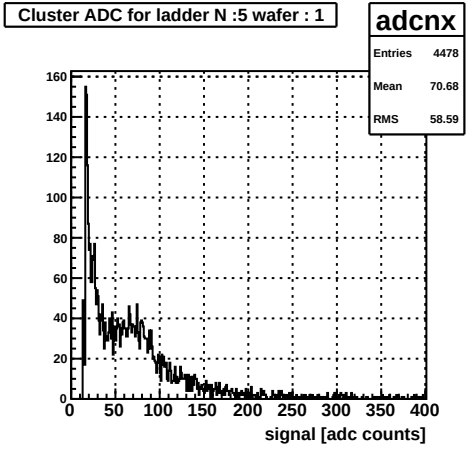

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 6810
Mean 99.2
RMS 61.22
signal [adc counts]

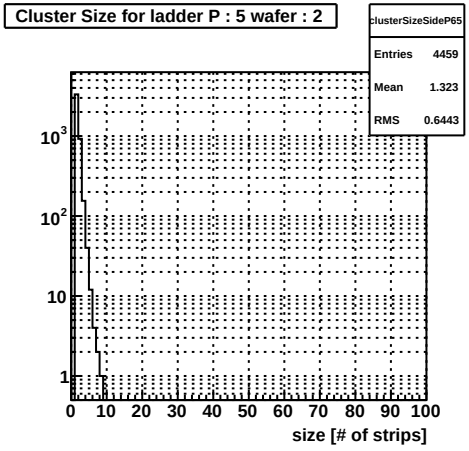

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21178
Mean 1.137
RMS 0.4337
size [# of strips]

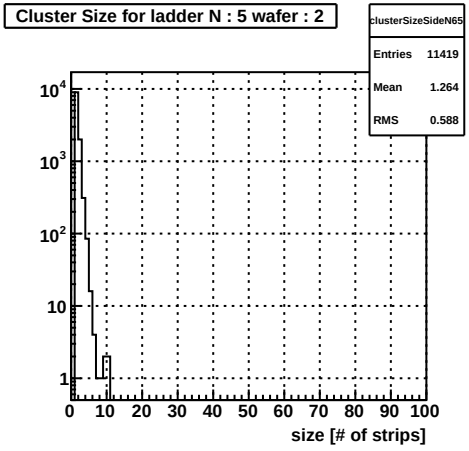

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 4478
Mean 1.376
RMS 0.7007
size [# of strips]

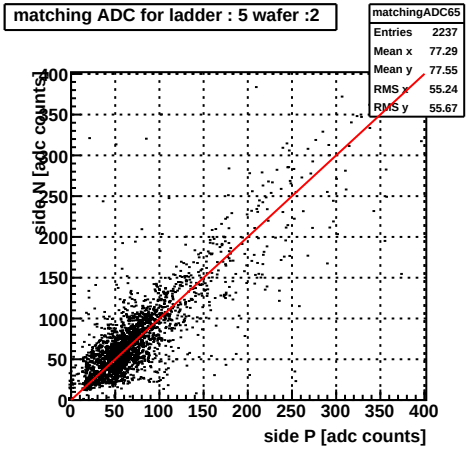

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 2098
Mean x 86.47
Mean y 77.52
RMS x 58.57
RMS y 54.52
side N [adc counts]
side P [adc counts]

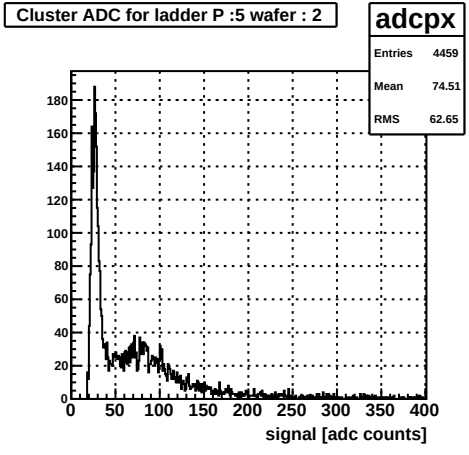

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21178
Mean 39.9
RMS 43.77
signal [adc counts]

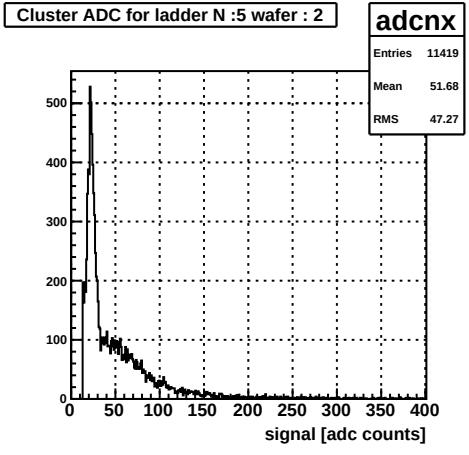

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 4478
Mean 70.68
RMS 58.59
signal [adc counts]

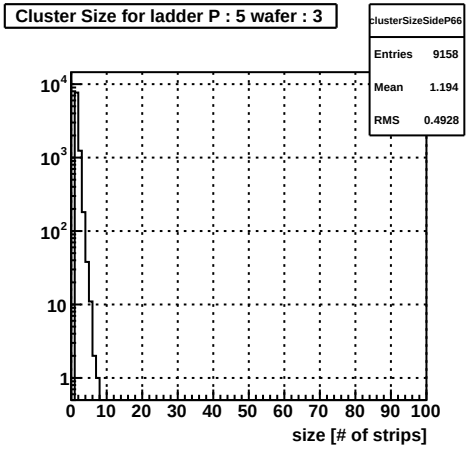

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 4459
Mean 1.323
RMS 0.6443
size [# of strips]

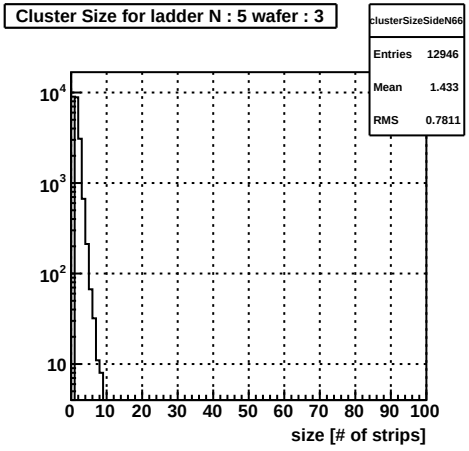

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 11419
Mean 1.264
RMS 0.588
size [# of strips]

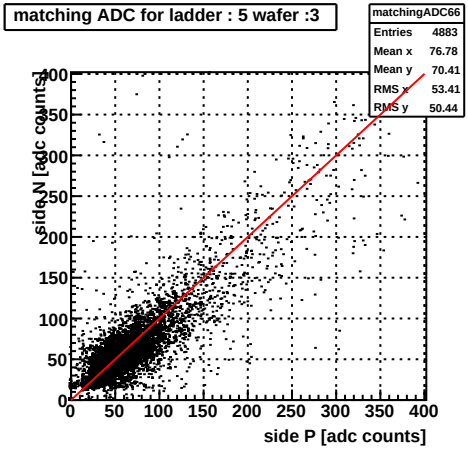

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2237
Mean x 77.29
Mean y 77.55
RMS x 55.24
RMS y 55.67
side N [adc counts]
side P [adc counts]

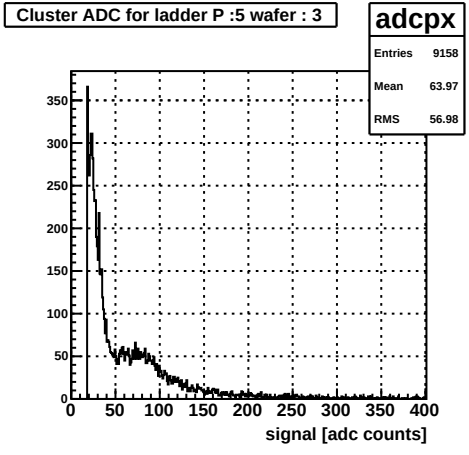

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 4459
Mean 74.51
RMS 62.65
signal [adc counts]

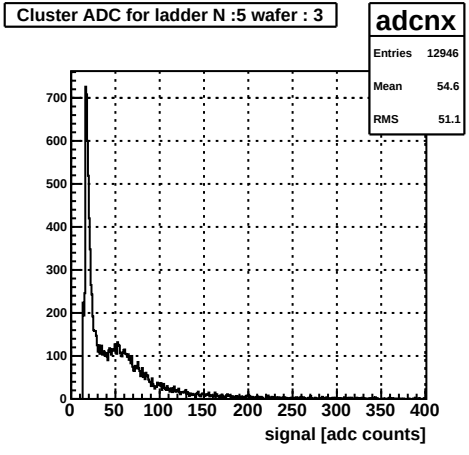

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 11419
Mean 51.68
RMS 47.27
signal [adc counts]

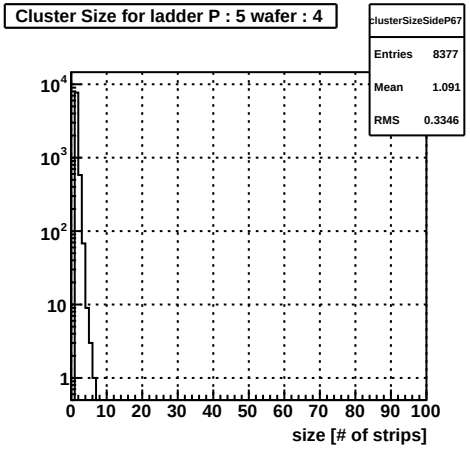

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 9158
Mean 1.194
RMS 0.4928
size [# of strips]

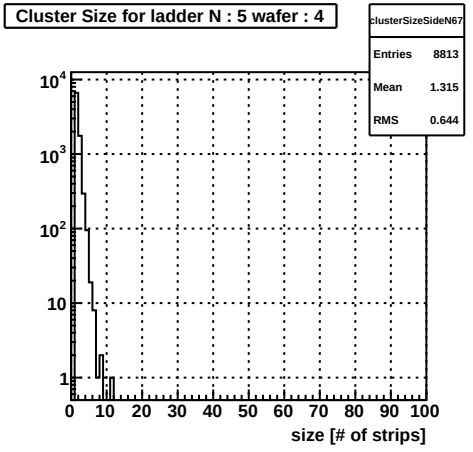

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 12946
Mean 1.433
RMS 0.7811
size [# of strips]

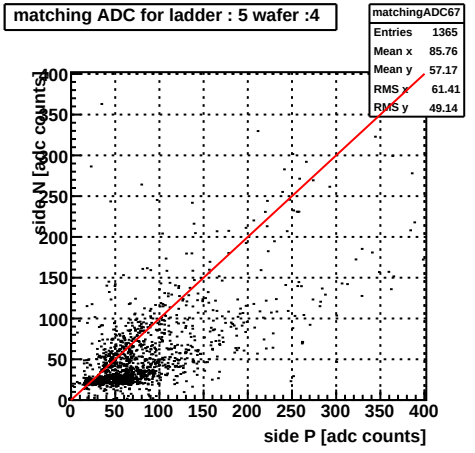

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 4883
Mean x 76.78
Mean y 70.41
RMS x 53.41
RMS y 50.44
side N [adc counts]
side P [adc counts]

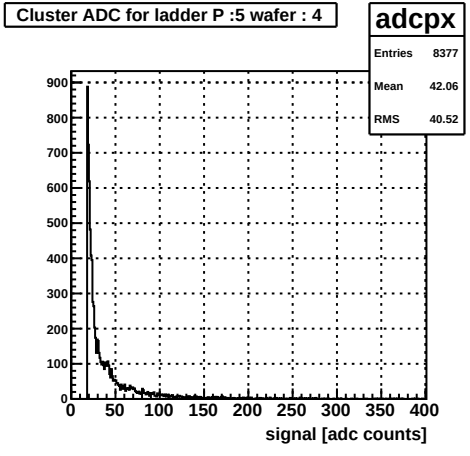

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 9158
Mean 63.97
RMS 56.98
signal [adc counts]

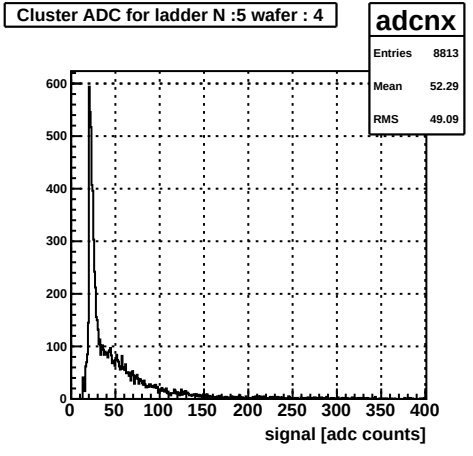

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 12946
Mean 54.6
RMS 51.1
signal [adc counts]

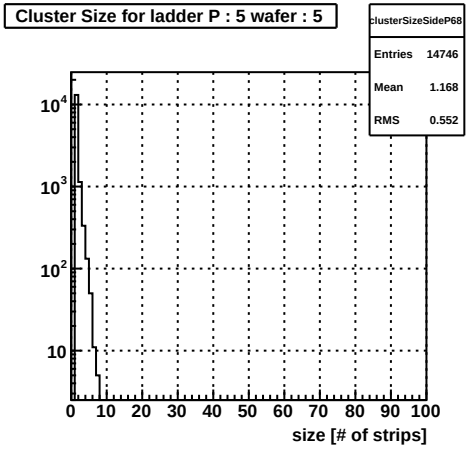

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8377
Mean 1.091
RMS 0.3346
size [# of strips]

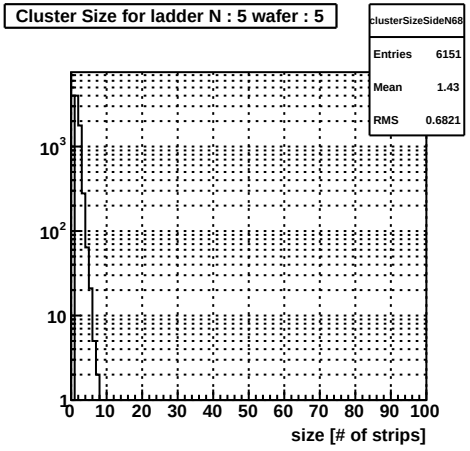

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 8813
Mean 1.315
RMS 0.644
size [# of strips]

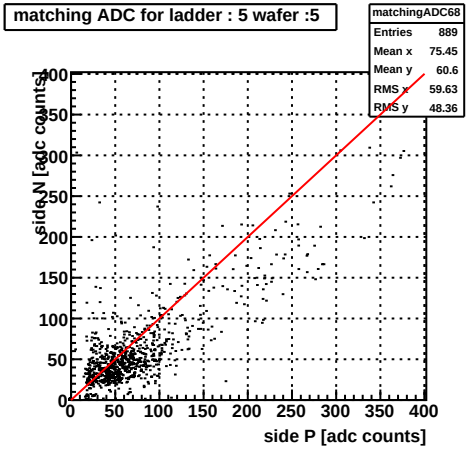

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1365
Mean x 85.76
Mean y 57.17
RMS x 61.41
RMS y 49.14
side N [adc counts]
side P [adc counts]

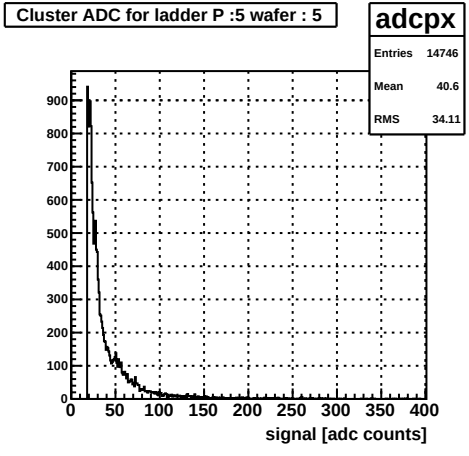

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8377
Mean 42.06
RMS 40.52
signal [adc counts]

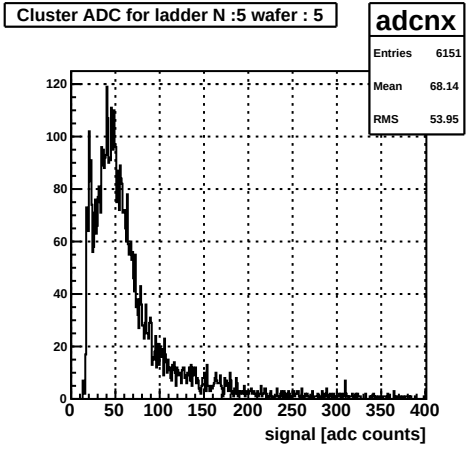

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 8813
Mean 52.29
RMS 49.09
signal [adc counts]

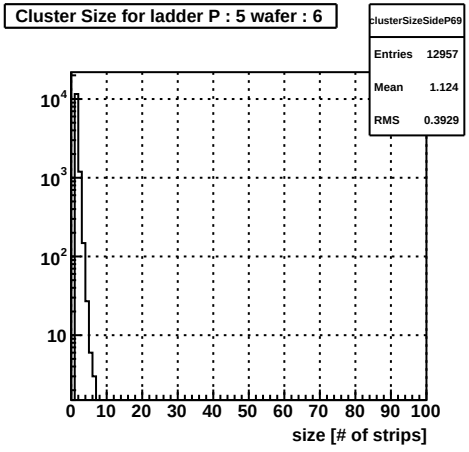

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 14746
Mean 1.168
RMS 0.552
size [# of strips]

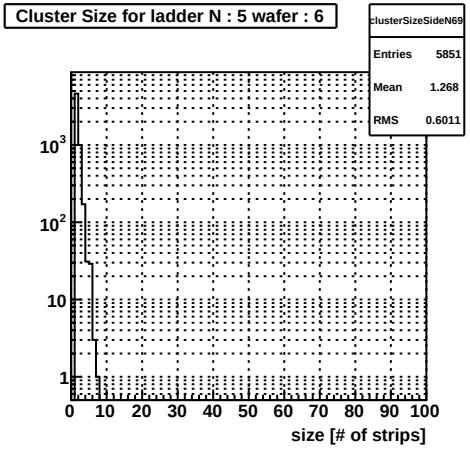

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 6151
Mean 1.43
RMS 0.6821
size [# of strips]

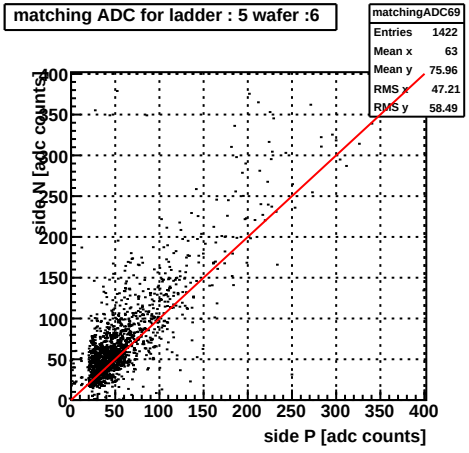

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 889
Mean x 75.45
Mean y 60.6
RMS x 59.63
RMS y 48.36
side N [adc counts]
side P [adc counts]

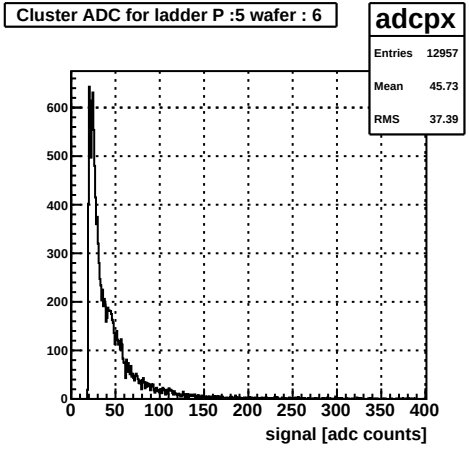

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 14746
Mean 40.6
RMS 34.11
signal [adc counts]

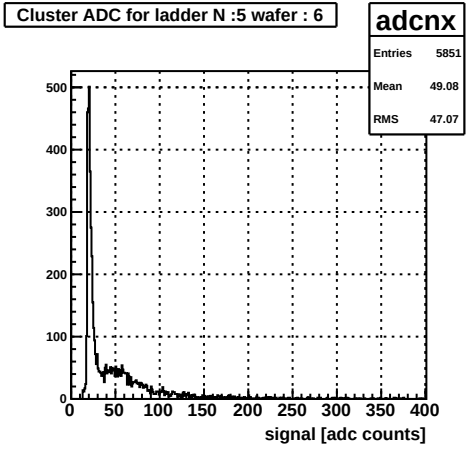

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 6151
Mean 68.14
RMS 53.95
signal [adc counts]

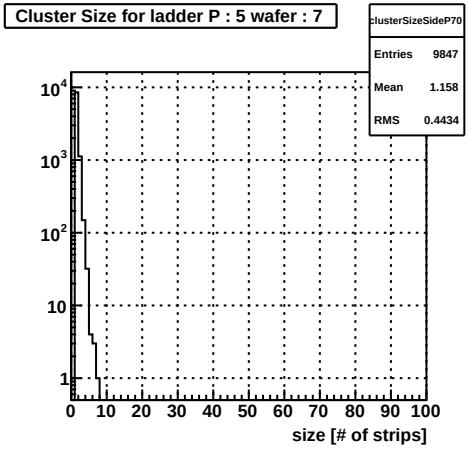

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 12957
Mean 1.124
RMS 0.3929
size [# of strips]

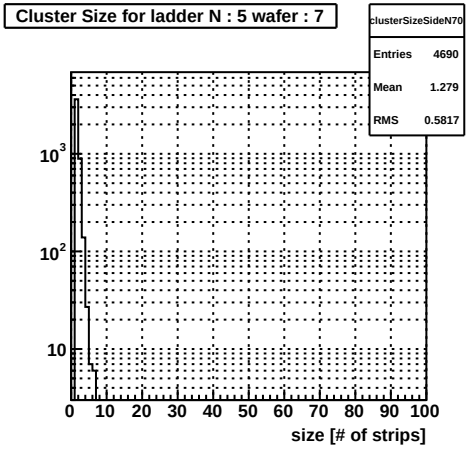

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5851
Mean 1.268
RMS 0.6011
size [# of strips]

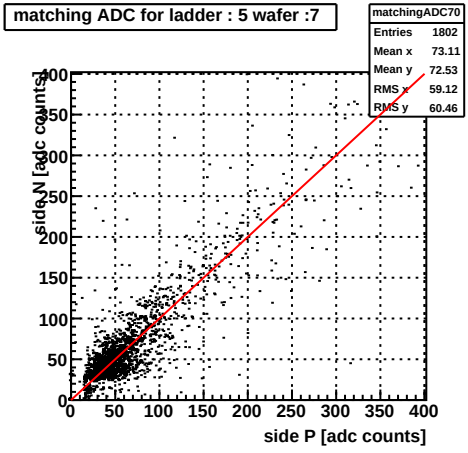

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1422
Mean x 63
Mean y 75.96
RMS x 47.21
RMS y 58.49
side N [adc counts]
side P [adc counts]

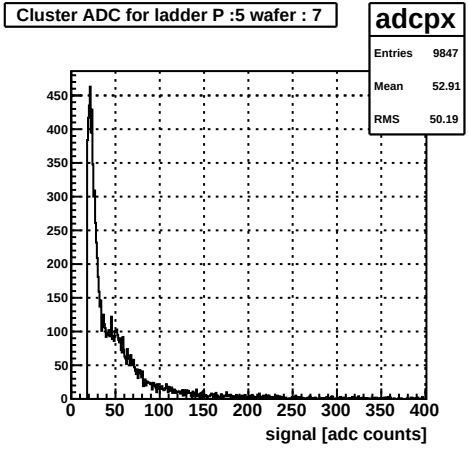

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 12957
Mean 45.73
RMS 37.39
signal [adc counts]

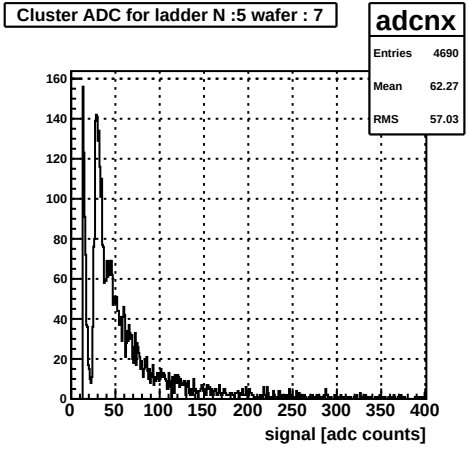

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5851
Mean 49.08
RMS 47.07
signal [adc counts]

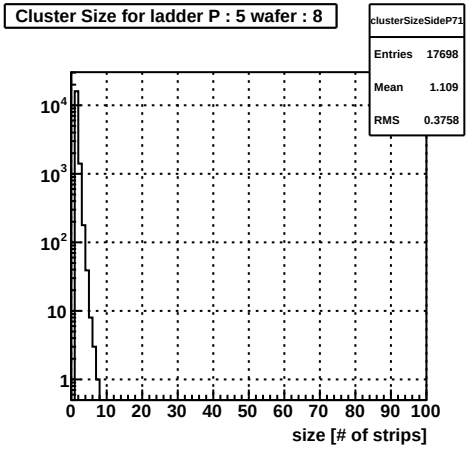

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9847
Mean 1.158
RMS 0.4434
size [# of strips]

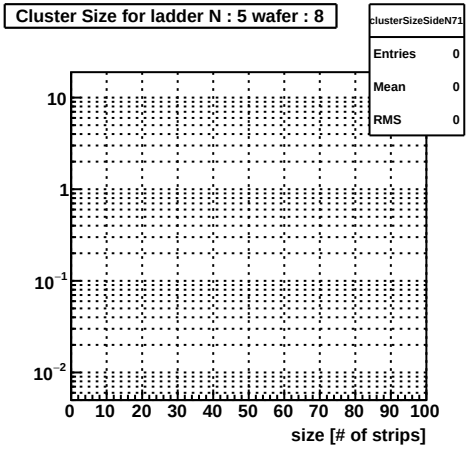

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 4690
Mean 1.279
RMS 0.5817
size [# of strips]

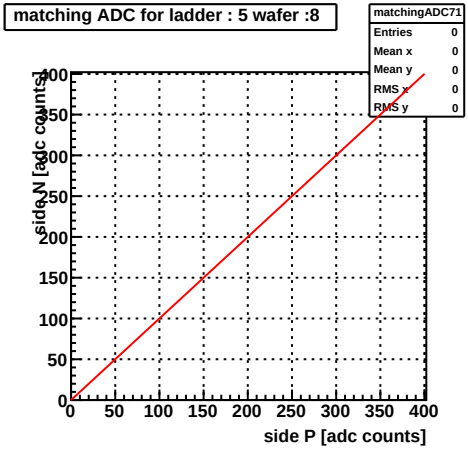

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1802
Mean x 73.11
Mean y 72.53
RMS x 59.12
RMS y 60.46
side N [adc counts]
side P [adc counts]

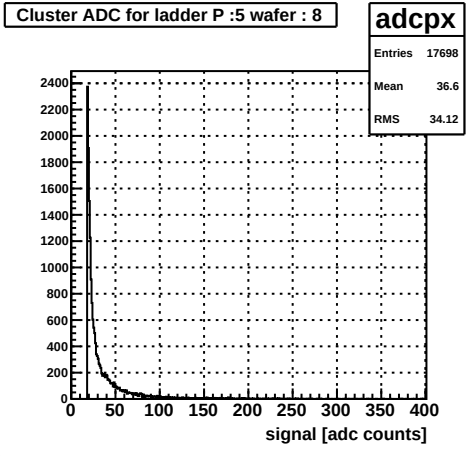

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9847
Mean 52.91
RMS 50.19
signal [adc counts]

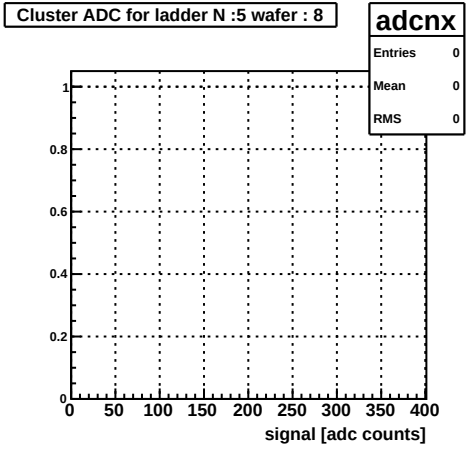

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 4690
Mean 62.27
RMS 57.03
signal [adc counts]

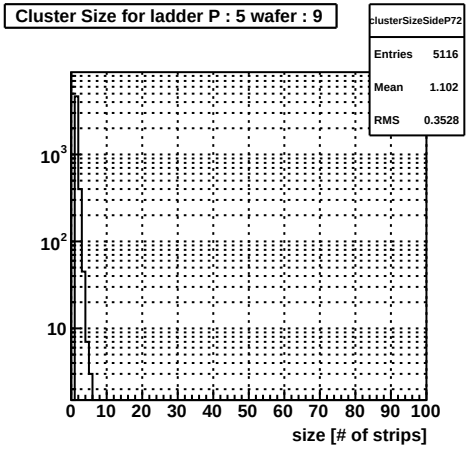

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 17698
Mean 1.109
RMS 0.3758
size [# of strips]

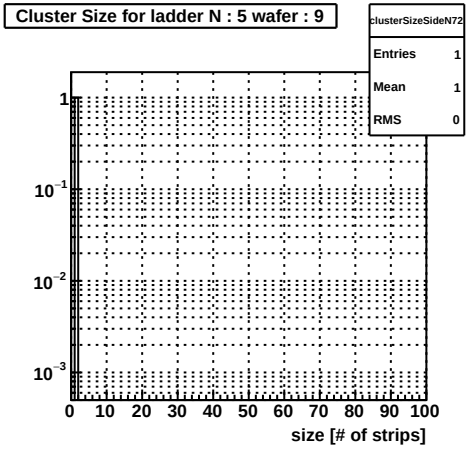

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

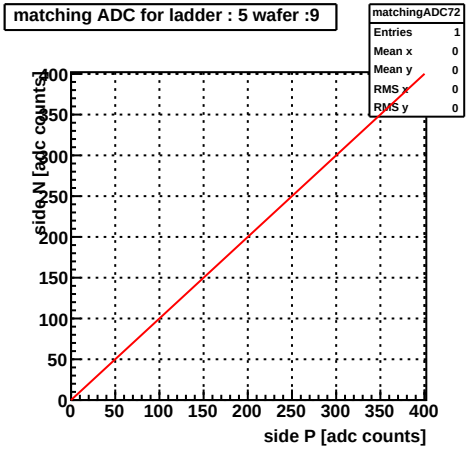

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

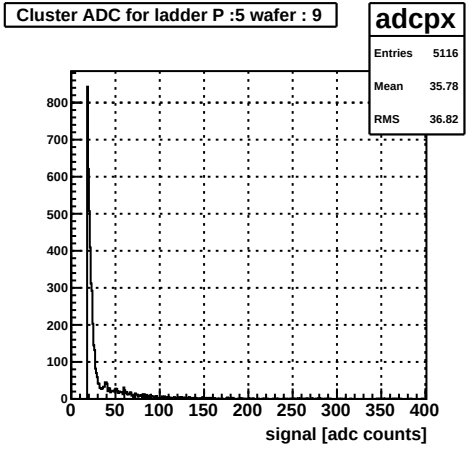

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 17698
Mean 36.6
RMS 34.12
signal [adc counts]

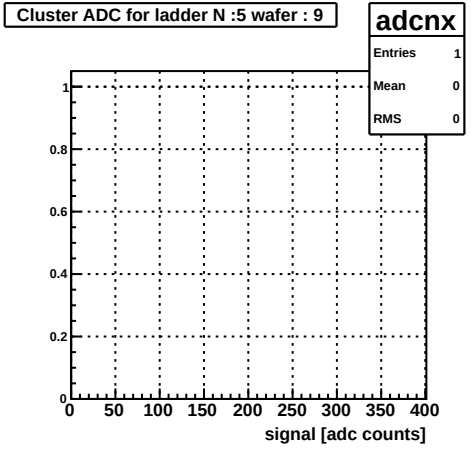

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

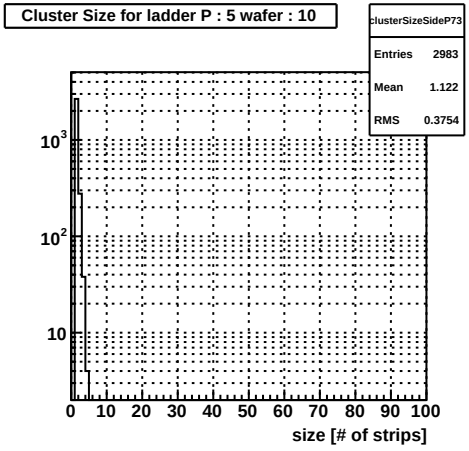

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5116
Mean 1.102
RMS 0.3528
size [# of strips]

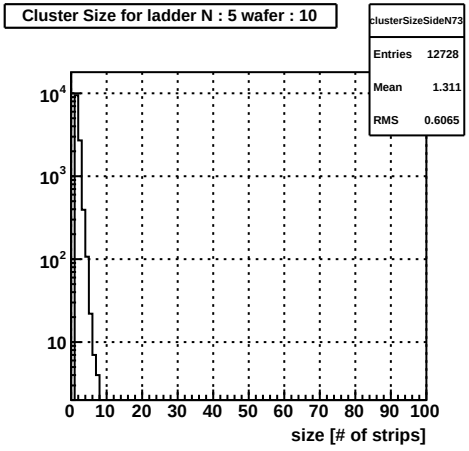

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

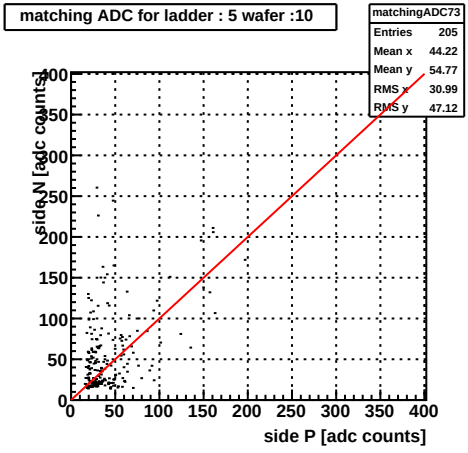

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

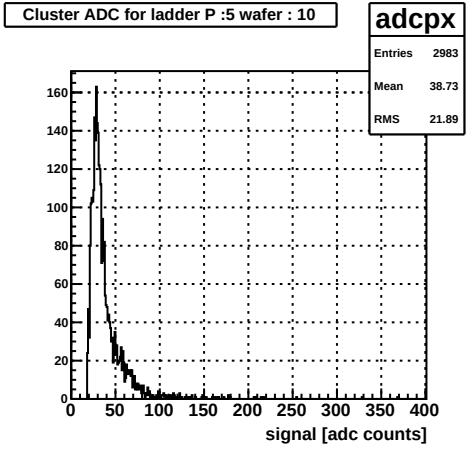

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5116
Mean 35.78
RMS 36.82
signal [adc counts]

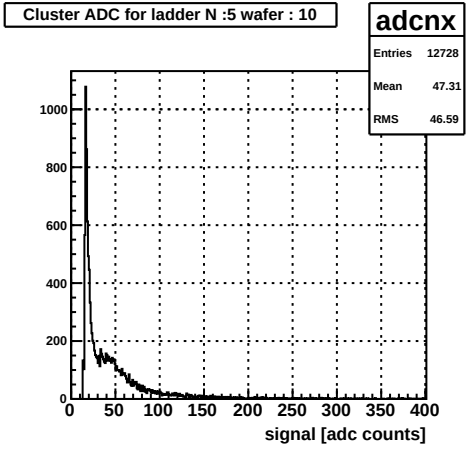

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

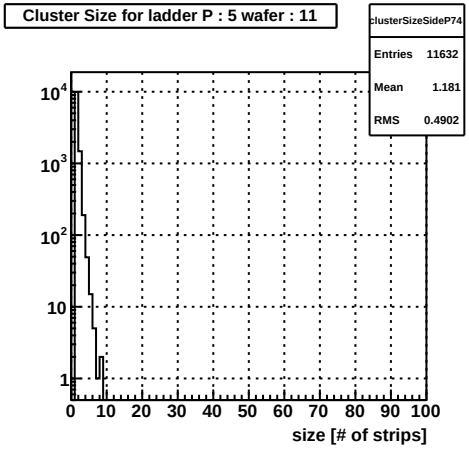

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 2983
Mean 1.122
RMS 0.3754
size [# of strips]

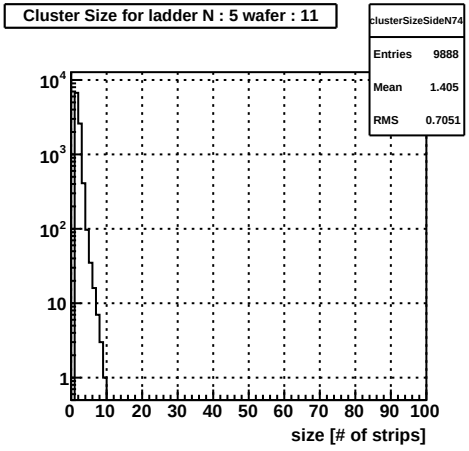

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 12728
Mean 1.311
RMS 0.6065
size [# of strips]

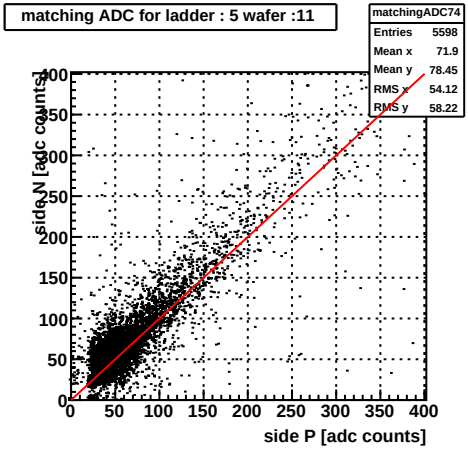

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 205
Mean x 44.22
Mean y 54.77
RMS x 30.99
RMS y 47.12
side N [adc counts]
side P [adc counts]

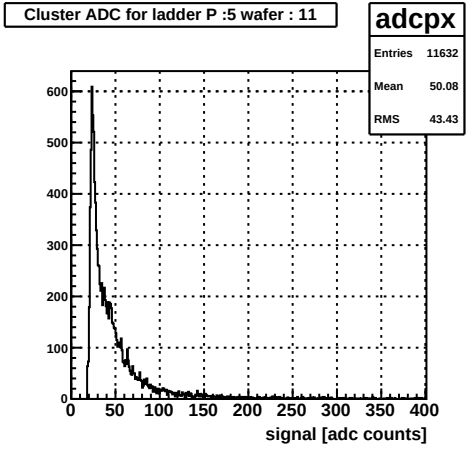

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 2983
Mean 38.73
RMS 21.89
signal [adc counts]

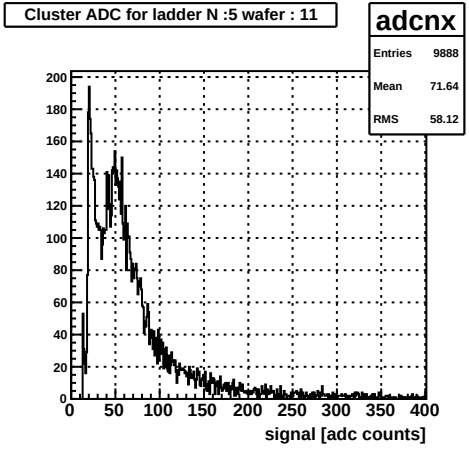

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 12728
Mean 47.31
RMS 46.59
signal [adc counts]

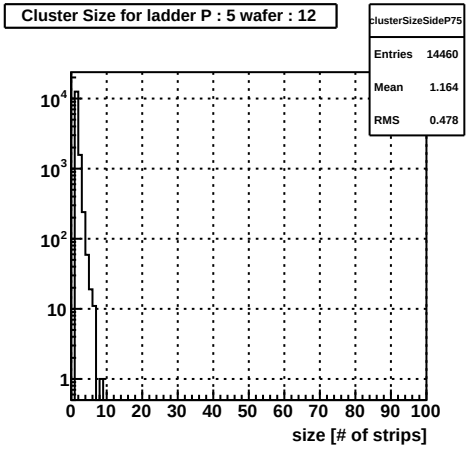

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 11632
Mean 1.181
RMS 0.4902
size [# of strips]

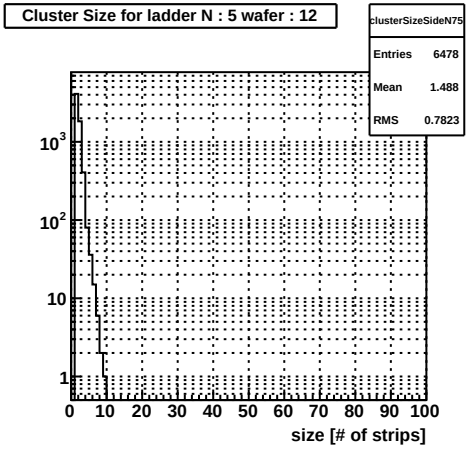

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 9888
Mean 1.405
RMS 0.7051
size [# of strips]

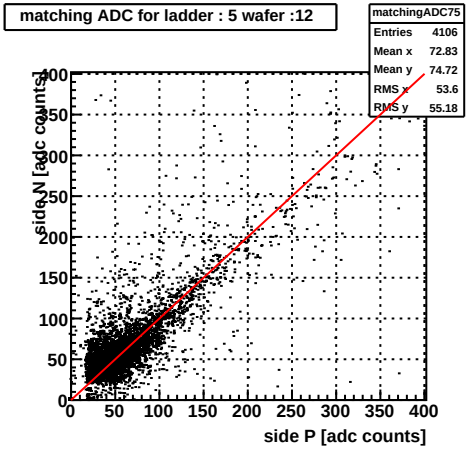

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 5598
Mean x 71.9
Mean y 78.45
RMS x 54.12
RMS y 58.22
side N [adc counts]
side P [adc counts]

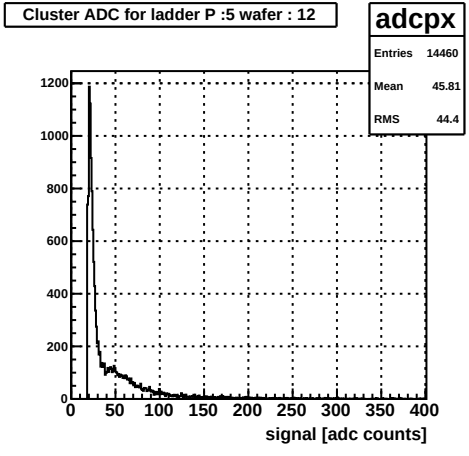

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 11632
Mean 50.08
RMS 43.43
signal [adc counts]

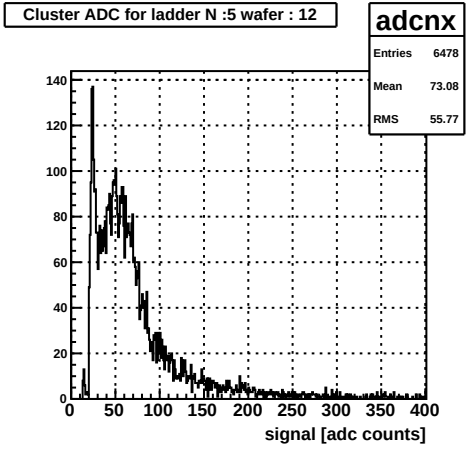

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 9888
Mean 71.64
RMS 58.12
signal [adc counts]

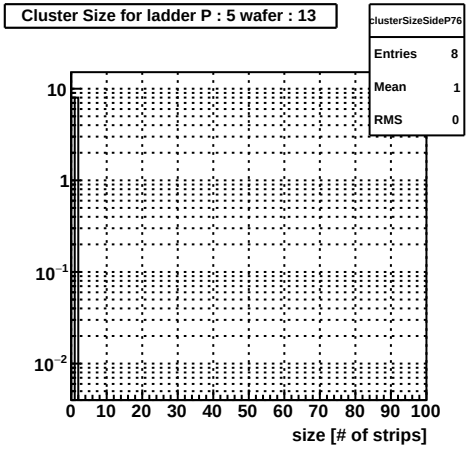

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 14460
Mean 1.164
RMS 0.478
size [# of strips]

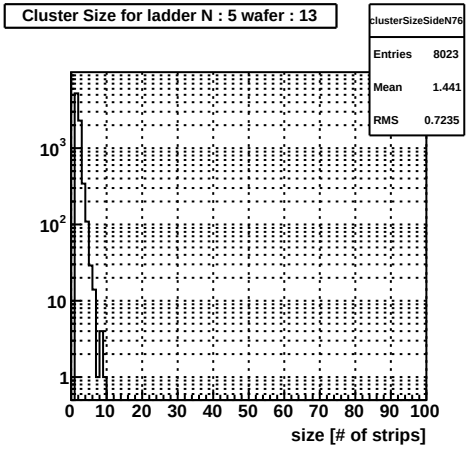

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 6478
Mean 1.488
RMS 0.7823
size [# of strips]

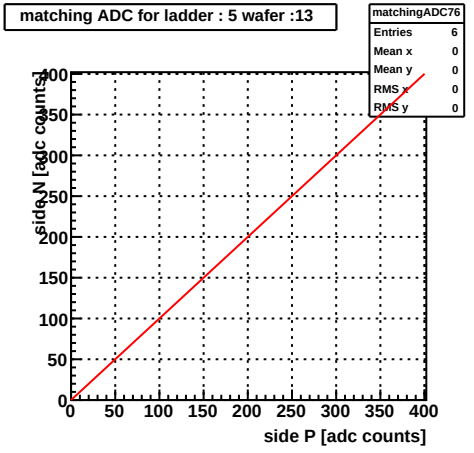

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 4106
Mean x 72.83
Mean y 74.72
RMS x 53.6
RMS y 55.18
side N [adc counts]
side P [adc counts]

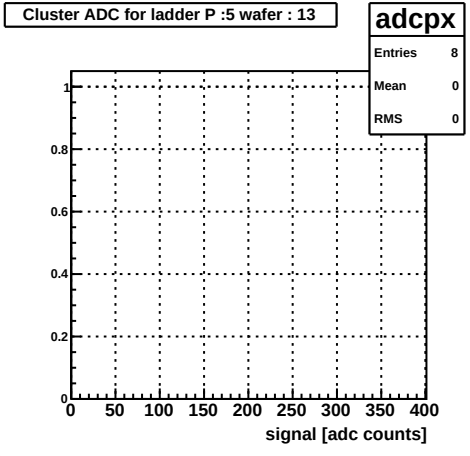

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 14460
Mean 45.81
RMS 44.4
signal [adc counts]

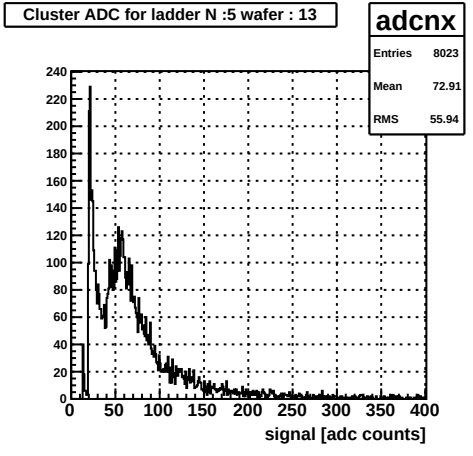

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 6478
Mean 73.08
RMS 55.77
signal [adc counts]

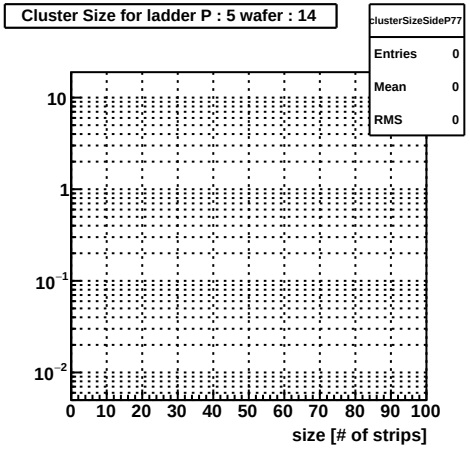

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 8
Mean 1
RMS 0
size [# of strips]

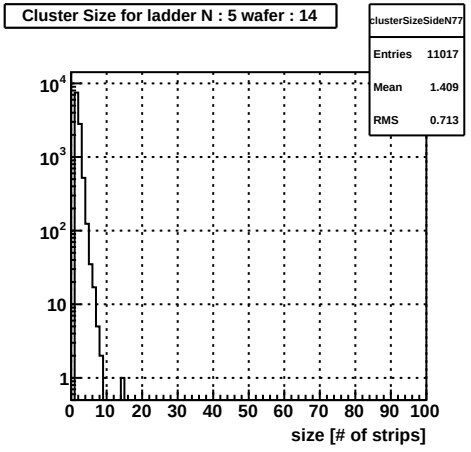

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 8023
Mean 1.441
RMS 0.7235
size [# of strips]

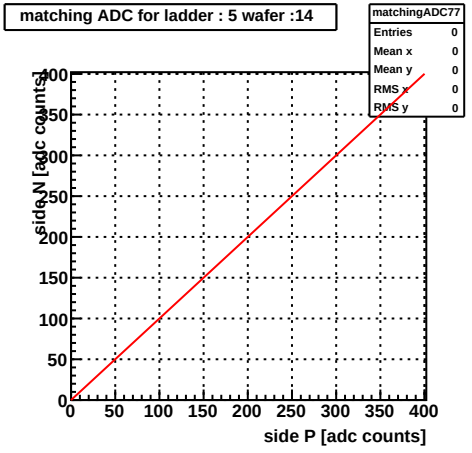

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

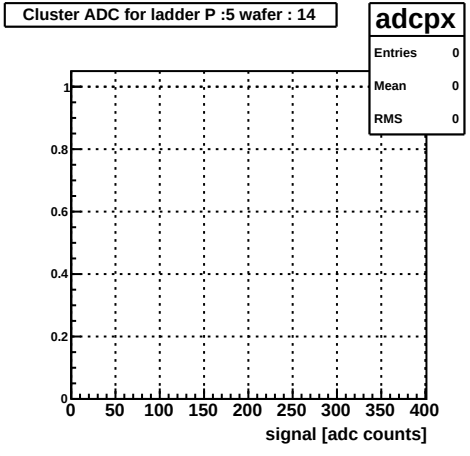

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

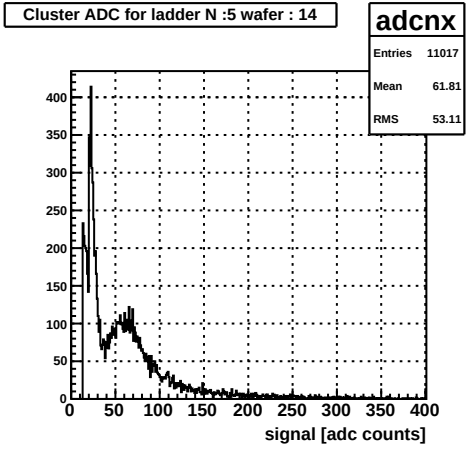

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 8023
Mean 72.91
RMS 55.94
signal [adc counts]

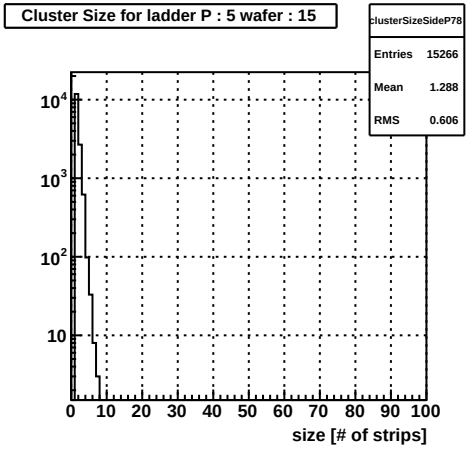

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

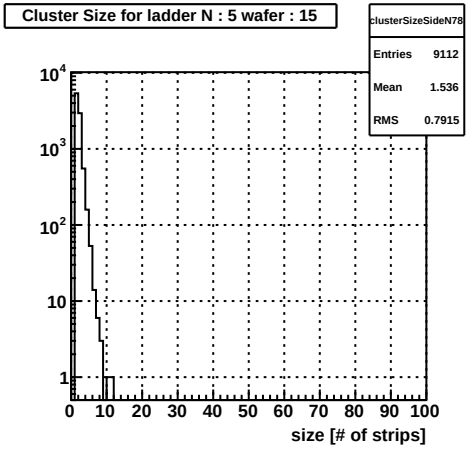

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 11017
Mean 1.409
RMS 0.713
size [# of strips]

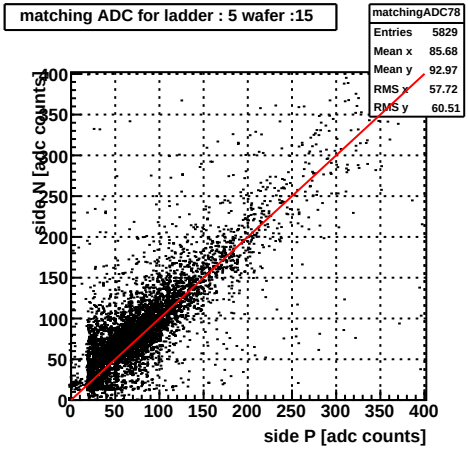

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

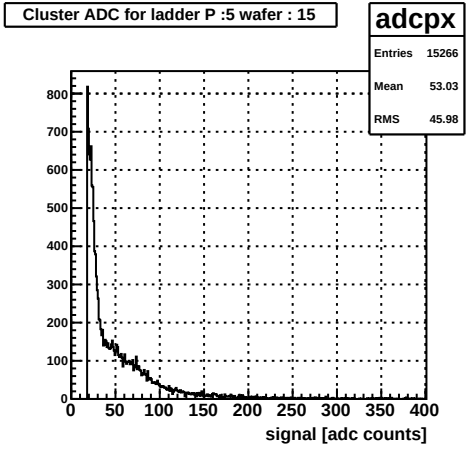

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

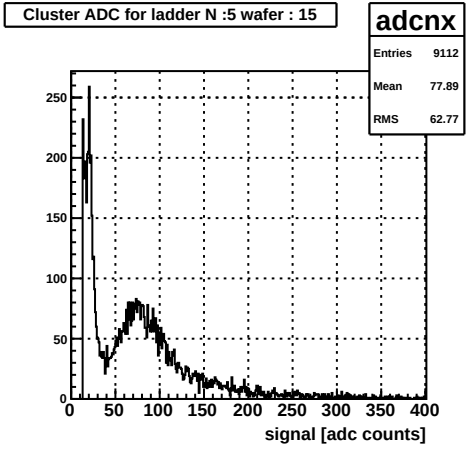

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 11017
Mean 61.81
RMS 53.11
signal [adc counts]

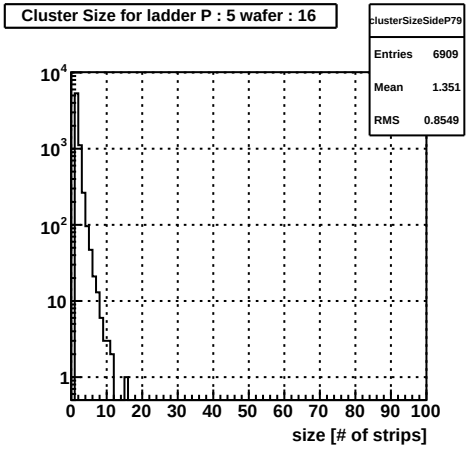

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 15266
Mean 1.288
RMS 0.606
size [# of strips]

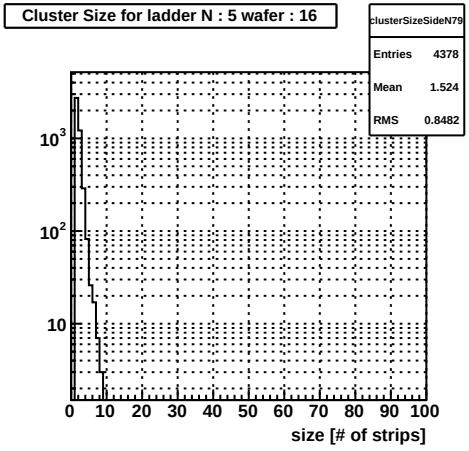

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 9112
Mean 1.536
RMS 0.7915
size [# of strips]

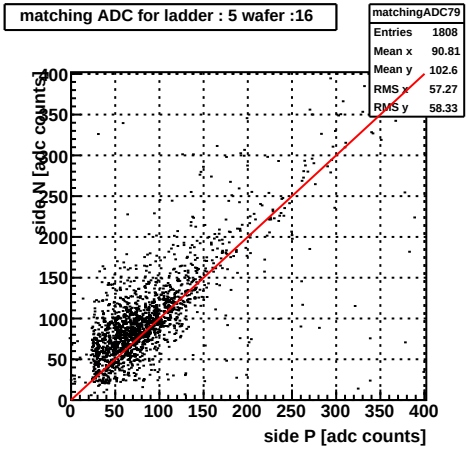

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 5829
Mean x 85.68
Mean y 92.97
RMS x 57.72
RMS y 60.51
side N [adc counts]
side P [adc counts]

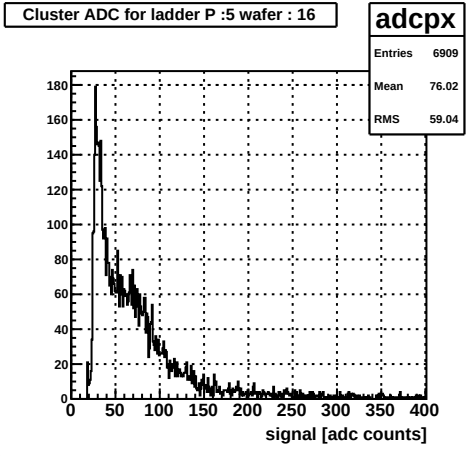

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 15266
Mean 53.03
RMS 45.98
signal [adc counts]

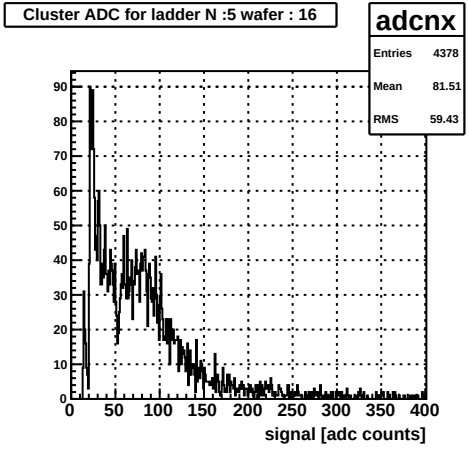

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 9112
Mean 77.89
RMS 62.77
signal [adc counts]

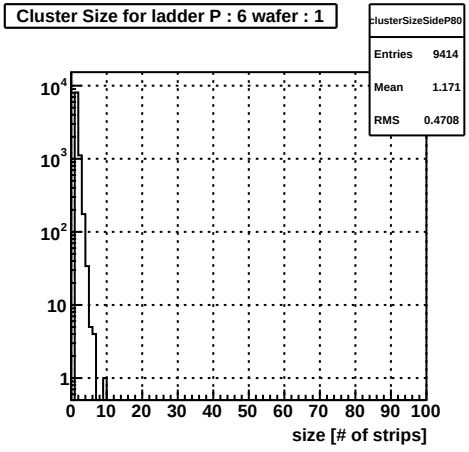

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 6909
Mean 1.351
RMS 0.8549
size [# of strips]

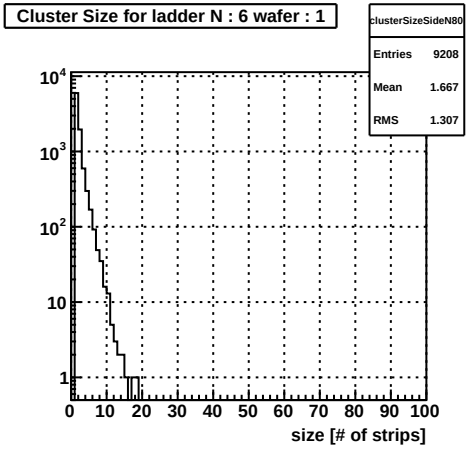

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 4378
Mean 1.524
RMS 0.8482
size [# of strips]

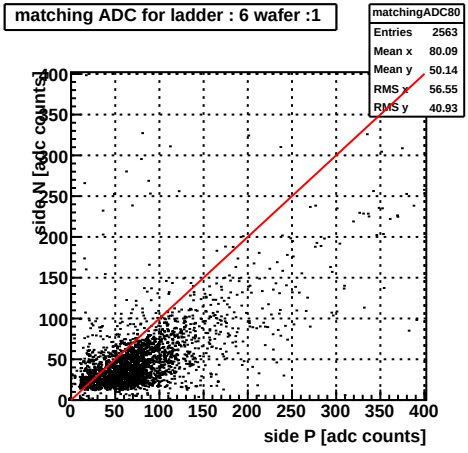

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1808
Mean x 90.81
Mean y 102.6
RMS x 57.27
RMS y 58.33
side N [adc counts]
side P [adc counts]

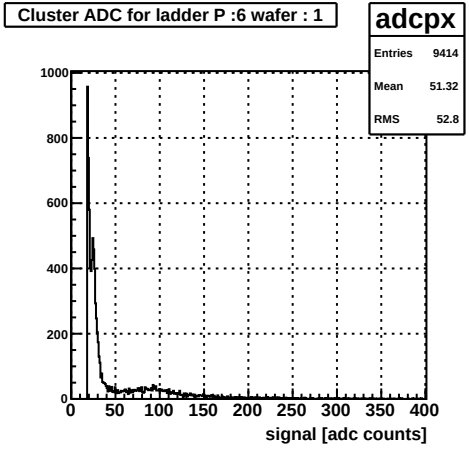

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 6909
Mean 76.02
RMS 59.04
signal [adc counts]

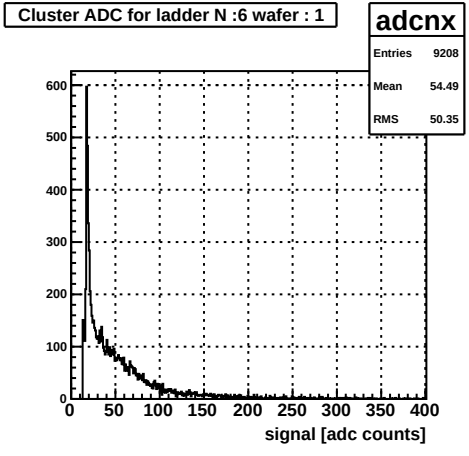

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 4378
Mean 81.51
RMS 59.43
signal [adc counts]

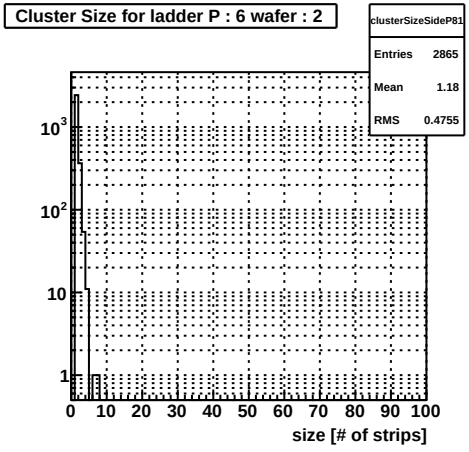

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 9414
Mean 1.171
RMS 0.4708
size [# of strips]

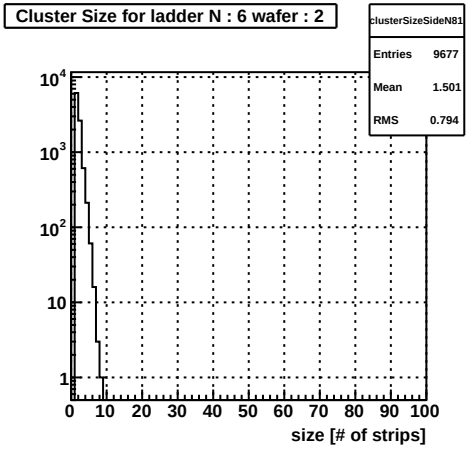

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 9208
Mean 1.667
RMS 1.307
size [# of strips]

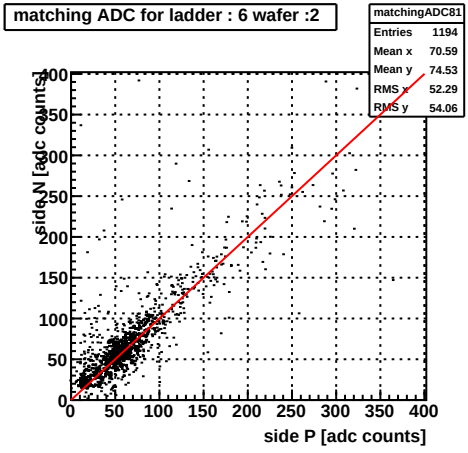

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 2563
Mean x 80.09
Mean y 50.14
RMS x 56.55
RMS y 40.93
side N [adc counts]
side P [adc counts]

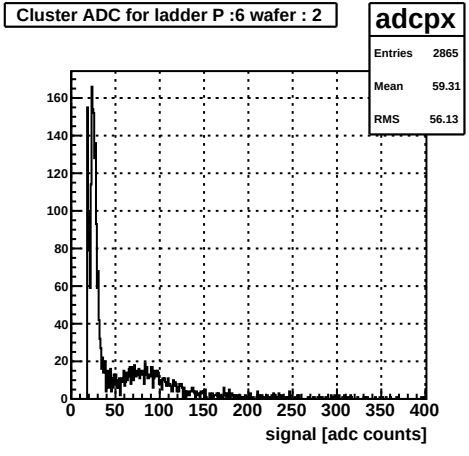

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 9414
Mean 51.32
RMS 52.8
signal [adc counts]

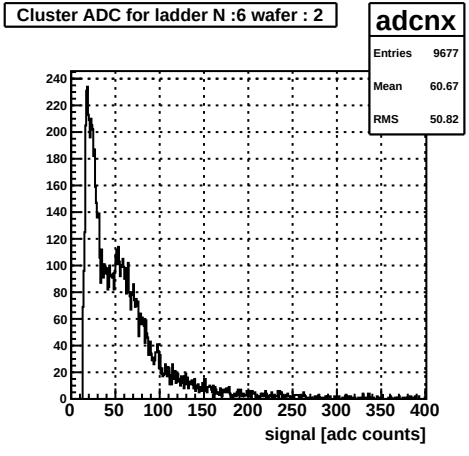

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 9208
Mean 54.49
RMS 50.35
signal [adc counts]

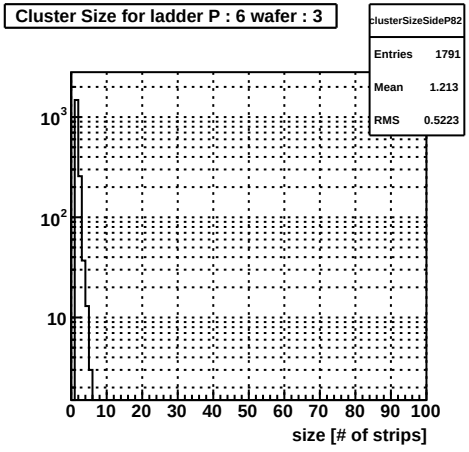

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2865
Mean 1.18
RMS 0.4755
size [# of strips]

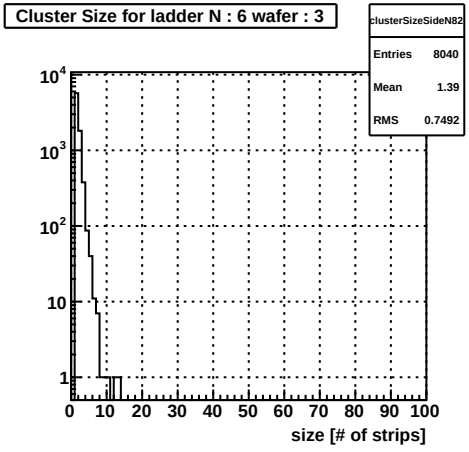

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 9677
Mean 1.501
RMS 0.794
size [# of strips]

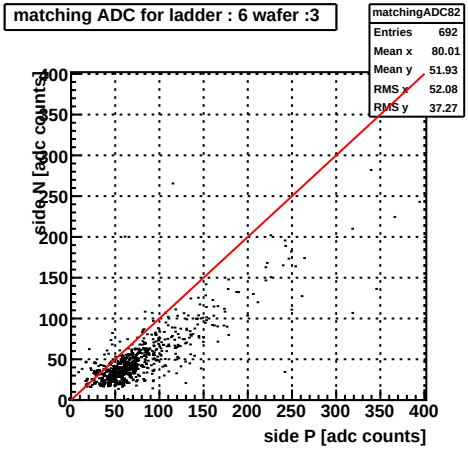

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1194
Mean x 70.59
Mean y 74.53
RMS x 52.29
RMS y 54.06
side N [adc counts]
side P [adc counts]

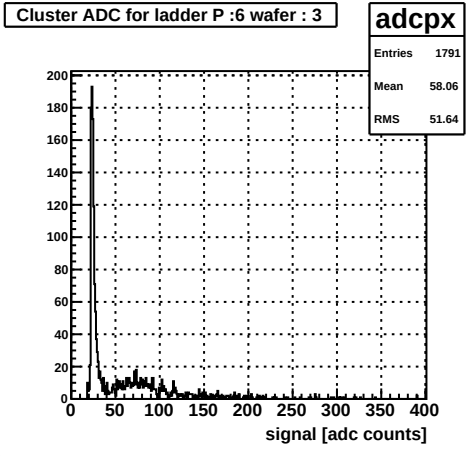

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2865
Mean 59.31
RMS 56.13
signal [adc counts]

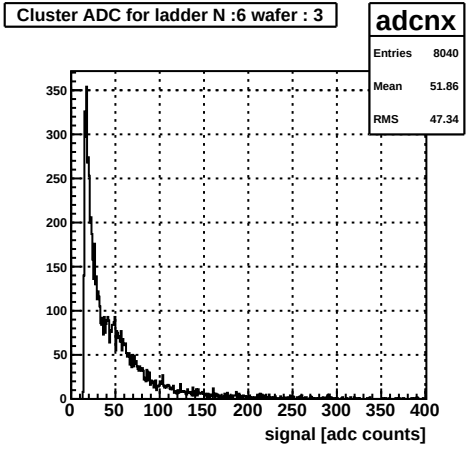

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 9677
Mean 60.67
RMS 50.82
signal [adc counts]

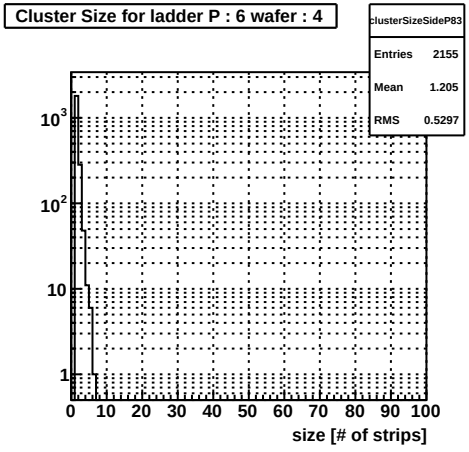

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1791
Mean 1.213
RMS 0.5223
size [# of strips]

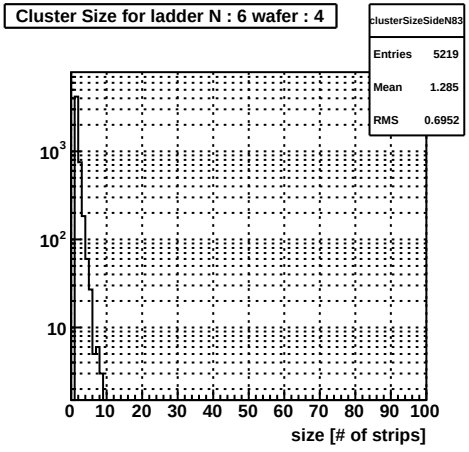

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 8040
Mean 1.39
RMS 0.7492
size [# of strips]

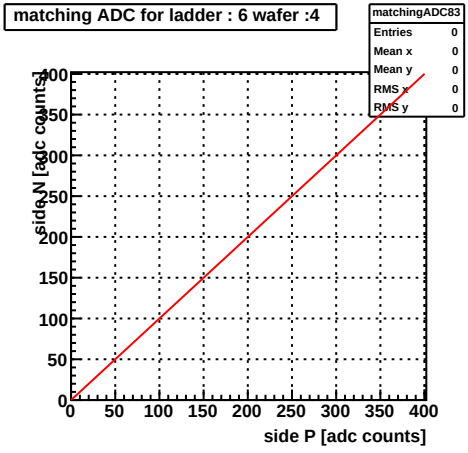

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 692
Mean x 80.01
Mean y 51.93
RMS x 52.08
RMS y 37.27
side N [adc counts]
side P [adc counts]

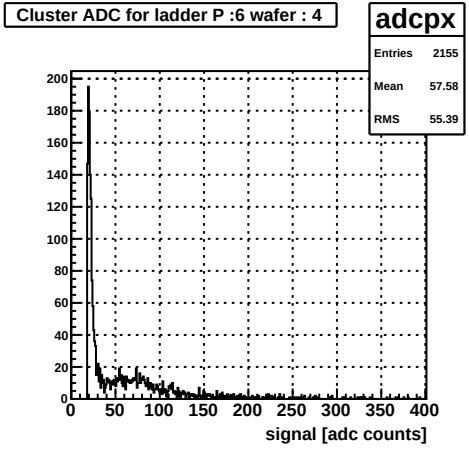

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1791
Mean 58.06
RMS 51.64
signal [adc counts]

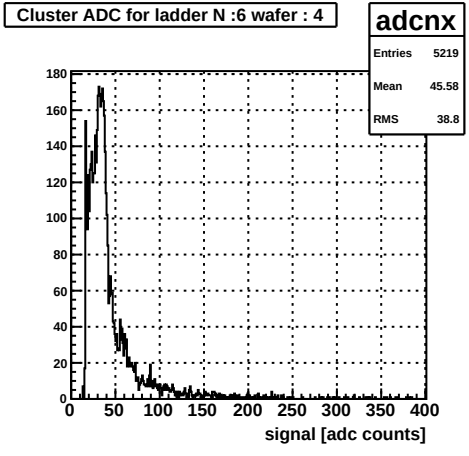

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 8040
Mean 51.86
RMS 47.34
signal [adc counts]

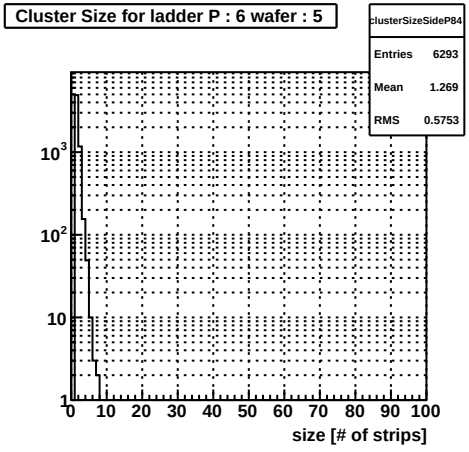

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2155
Mean 1.205
RMS 0.5297
size [# of strips]

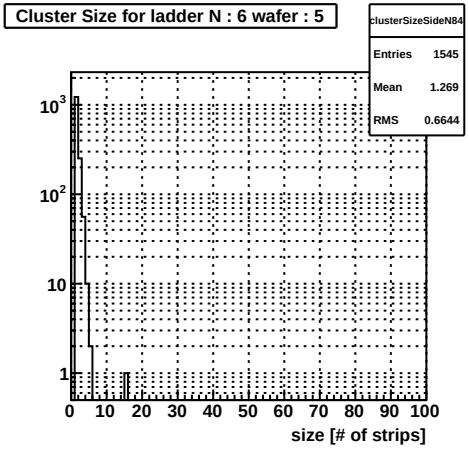

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5219
Mean 1.285
RMS 0.6952
size [# of strips]

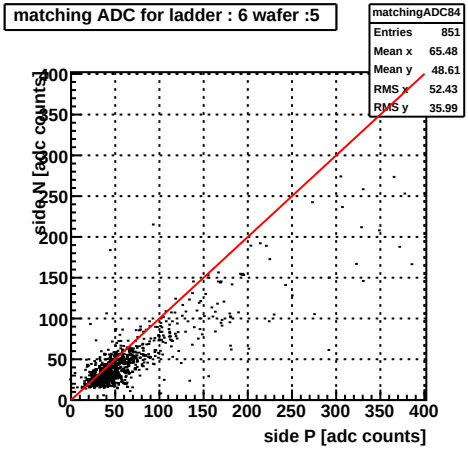

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

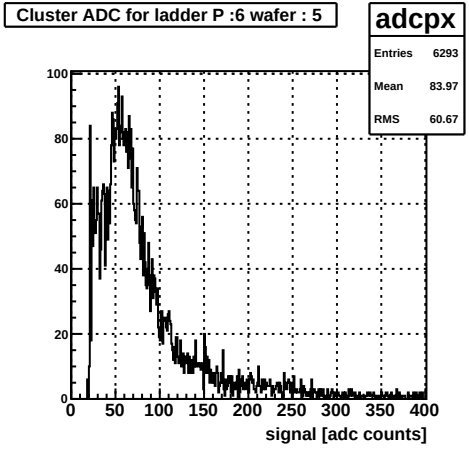

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2155
Mean 57.58
RMS 55.39
signal [adc counts]

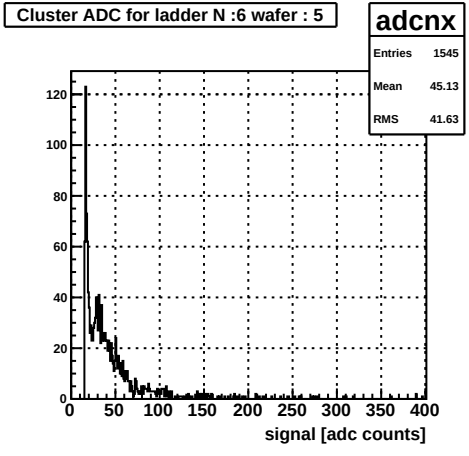

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5219
Mean 45.58
RMS 38.8
signal [adc counts]

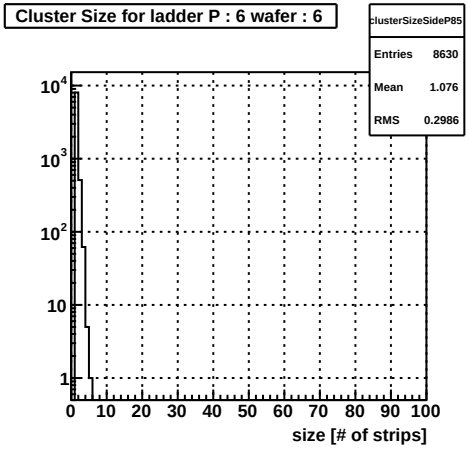

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 6293
Mean 1.269
RMS 0.5753
size [# of strips]

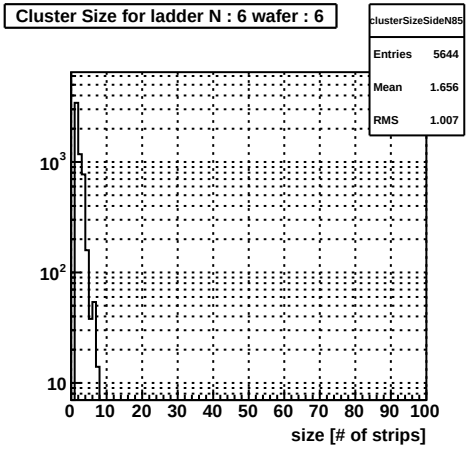

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1545
Mean 1.269
RMS 0.6644
size [# of strips]

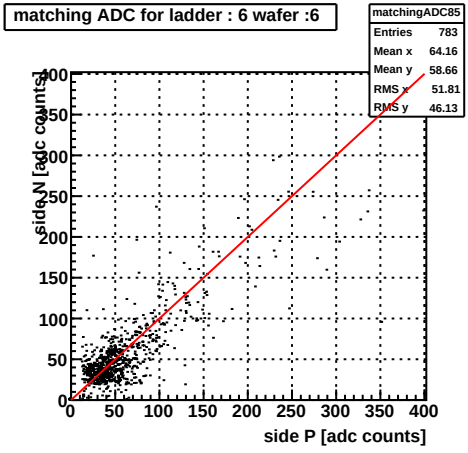

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 851
Mean x 65.48
Mean y 48.61
RMS x 52.43
RMS y 35.99
side N [adc counts]
side P [adc counts]

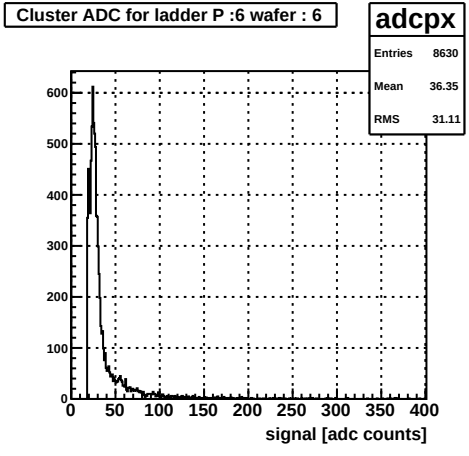

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 6293
Mean 83.97
RMS 60.67
signal [adc counts]

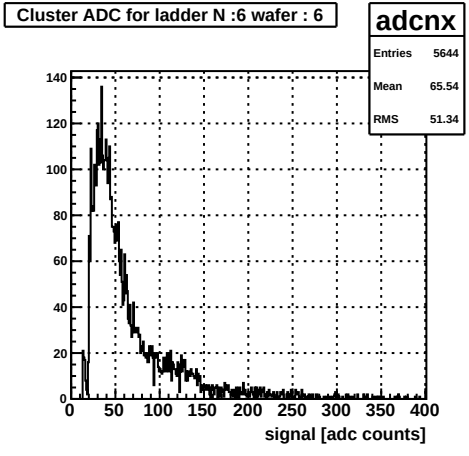

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1545
Mean 45.13
RMS 41.63
signal [adc counts]

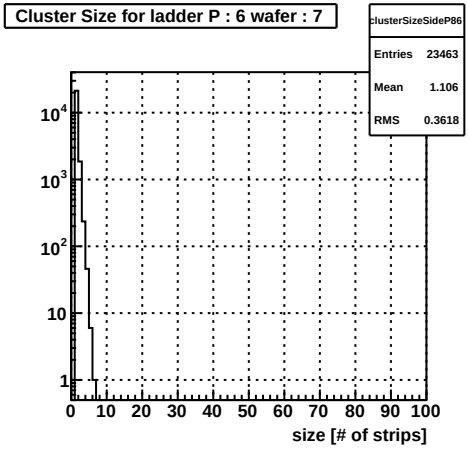

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 8630
Mean 1.076
RMS 0.2986
size [# of strips]

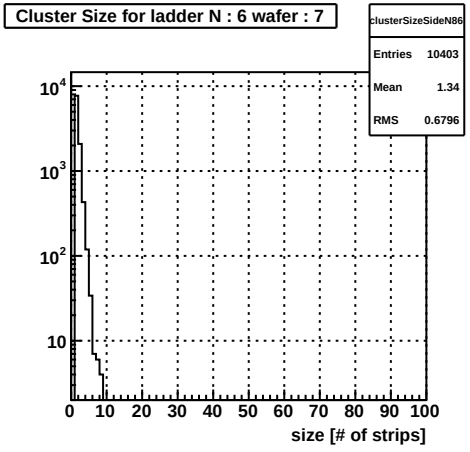

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 5644
Mean 1.656
RMS 1.007
size [# of strips]

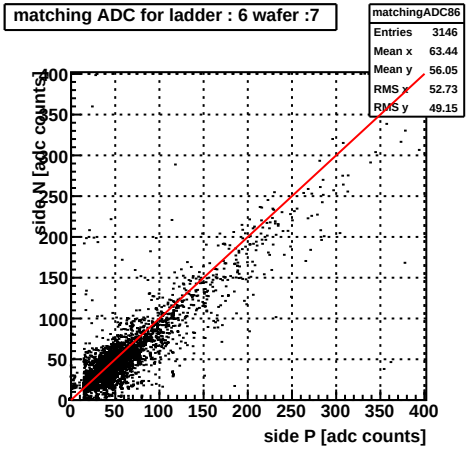

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 783
Mean x 64.16
Mean y 58.66
RMS x 51.81
RMS y 46.13
side N [adc counts]
side P [adc counts]

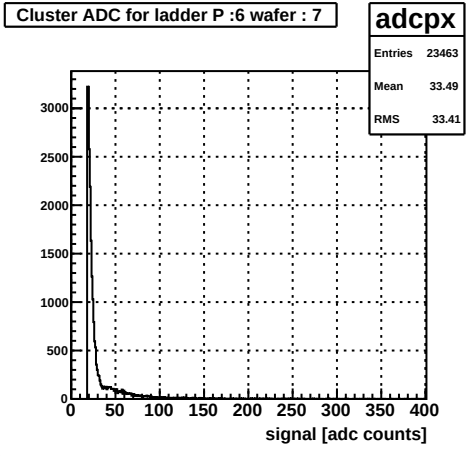

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 8630
Mean 36.35
RMS 31.11
signal [adc counts]

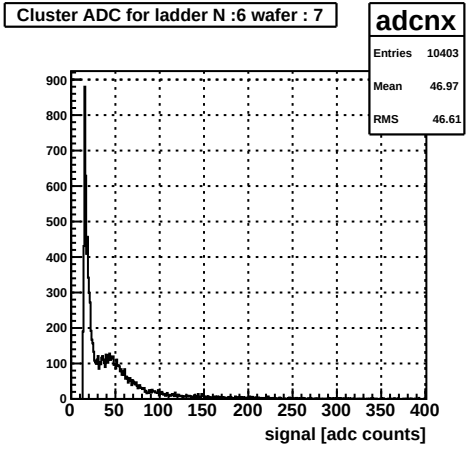

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 5644
Mean 65.54
RMS 51.34
signal [adc counts]

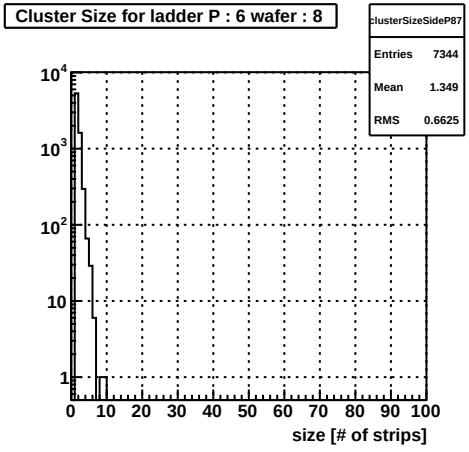

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 23463
Mean 1.106
RMS 0.3618
size [# of strips]

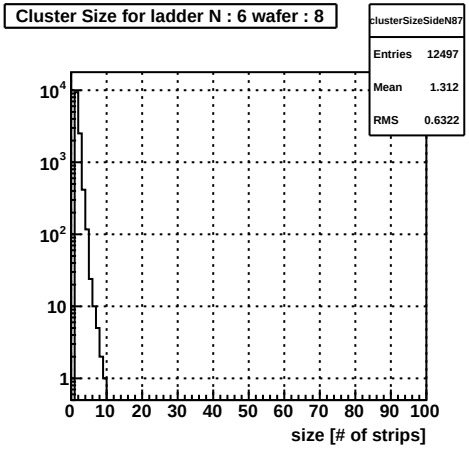

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 10403
Mean 1.34
RMS 0.6796
size [# of strips]

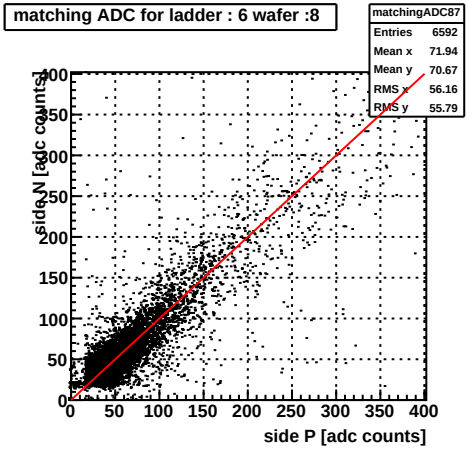

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 3146
Mean x 63.44
Mean y 56.05
RMS x 52.73
RMS y 49.15
side N [adc counts]
side P [adc counts]

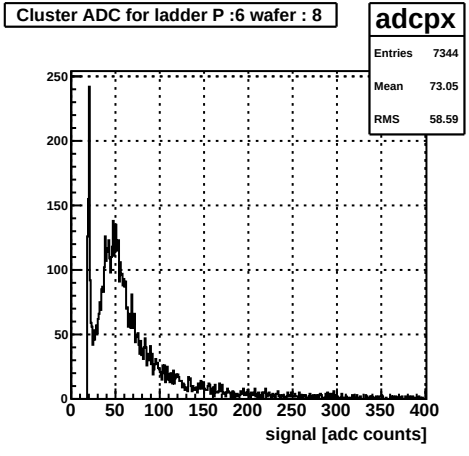

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 23463
Mean 33.49
RMS 33.41
signal [adc counts]

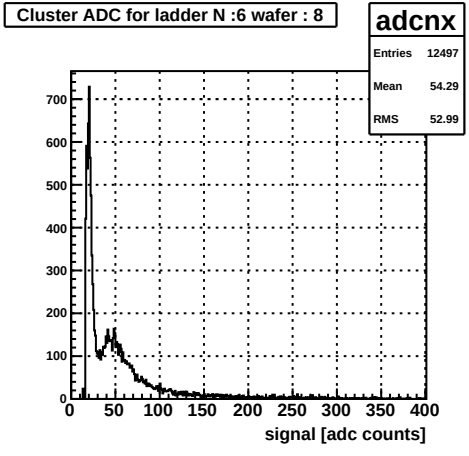

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 10403
Mean 46.97
RMS 46.61
signal [adc counts]

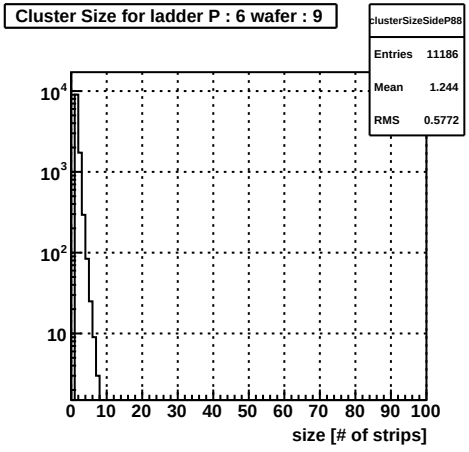

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 7344
Mean 1.349
RMS 0.6625
size [# of strips]

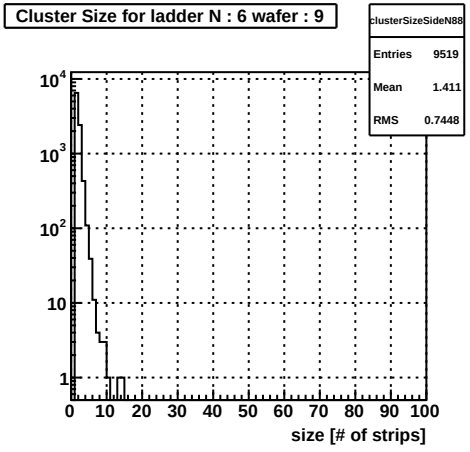

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 12497
Mean 1.312
RMS 0.6322
size [# of strips]

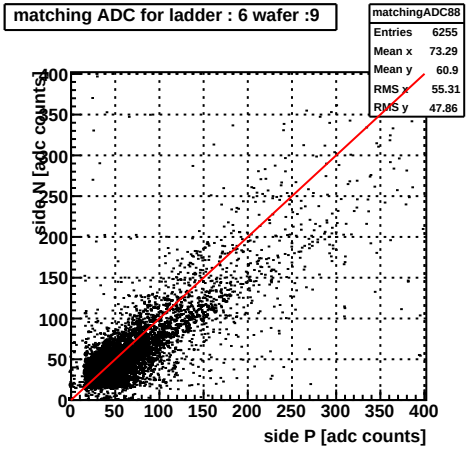

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 6592
Mean x 71.94
Mean y 70.67
RMS x 56.16
RMS y 55.79
side N [adc counts]
side P [adc counts]

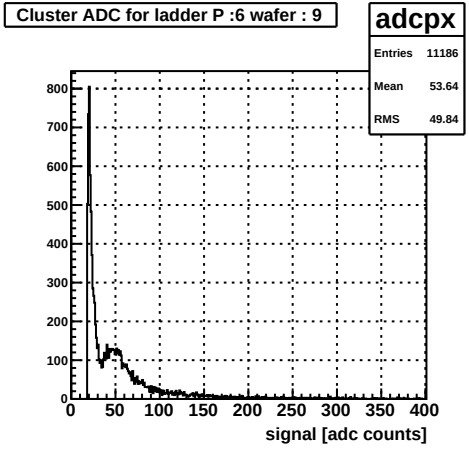

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 7344
Mean 73.05
RMS 58.59
signal [adc counts]

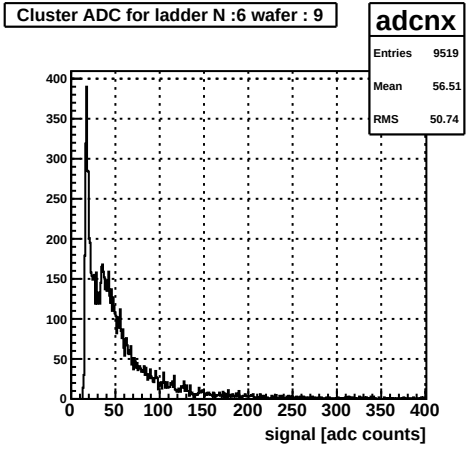

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 12497
Mean 54.29
RMS 52.99
signal [adc counts]

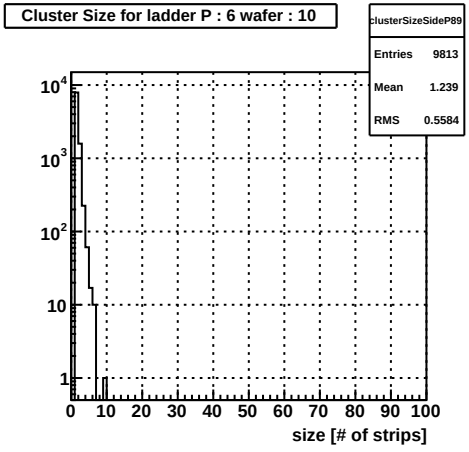

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 11186
Mean 1.244
RMS 0.5772
size [# of strips]

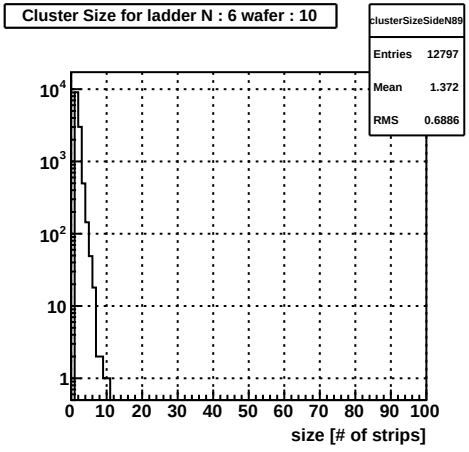

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 9519
Mean 1.411
RMS 0.7448
size [# of strips]

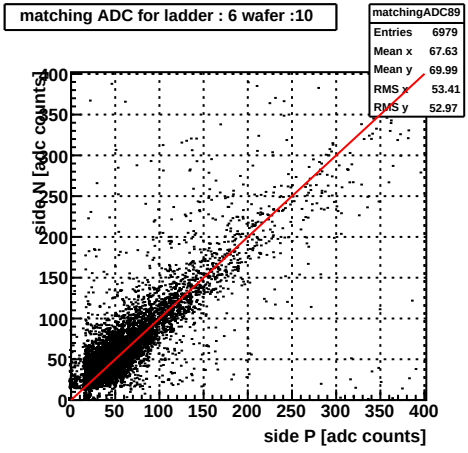

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 6255
Mean x 73.29
Mean y 60.9
RMS x 55.31
RMS y 47.86
side N [adc counts]
side P [adc counts]

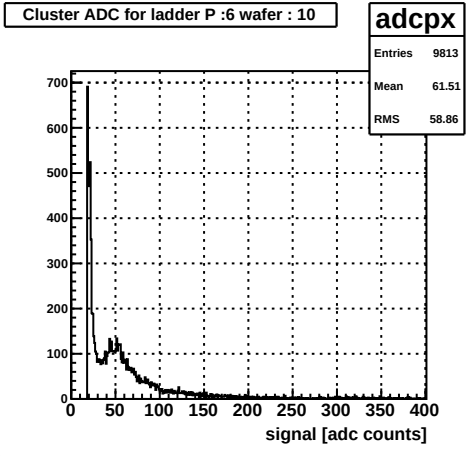

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 11186
Mean 53.64
RMS 49.84
signal [adc counts]

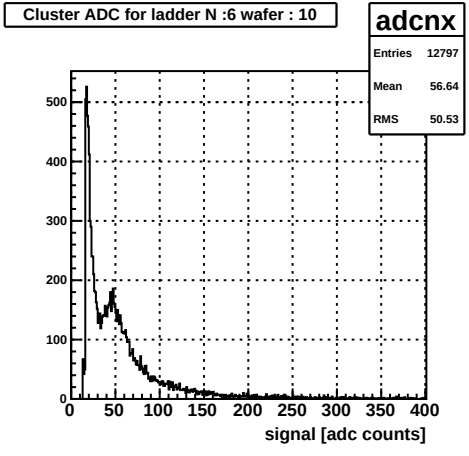

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 9519
Mean 56.51
RMS 50.74
signal [adc counts]

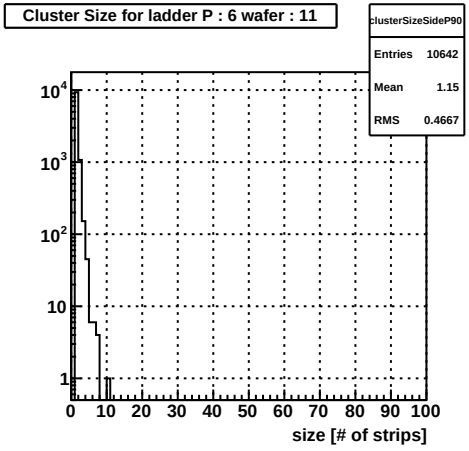

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 9813
Mean 1.239
RMS 0.5584
size [# of strips]

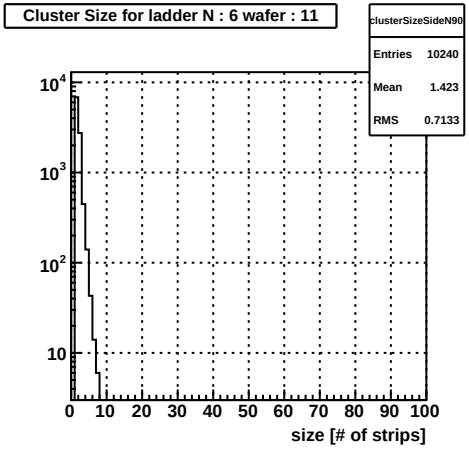

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 12797
Mean 1.372
RMS 0.6886
size [# of strips]

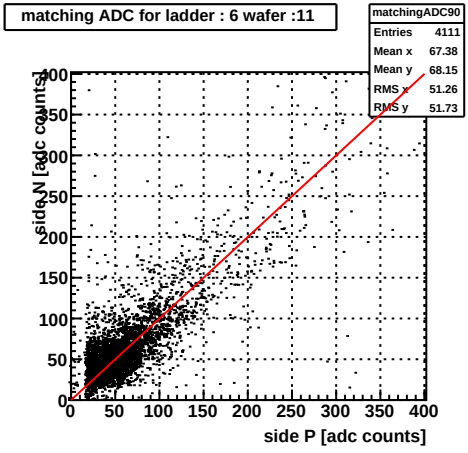

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 6979
Mean x 67.63
Mean y 69.99
RMS x 53.41
RMS y 52.97
side N [adc counts]
side P [adc counts]

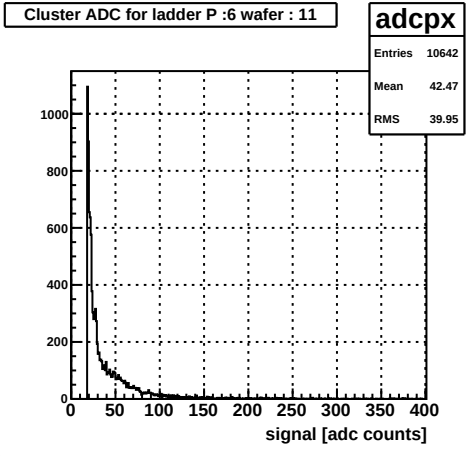

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 9813
Mean 61.51
RMS 58.86
signal [adc counts]

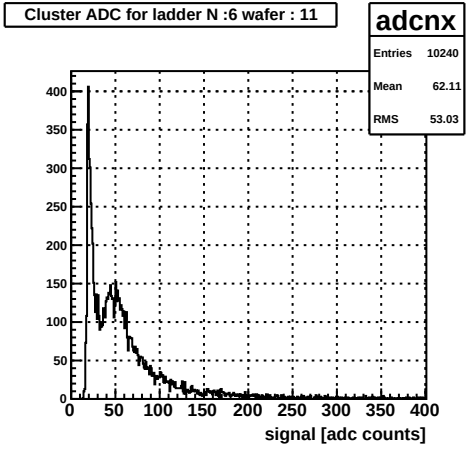

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 12797
Mean 56.64
RMS 50.53
signal [adc counts]

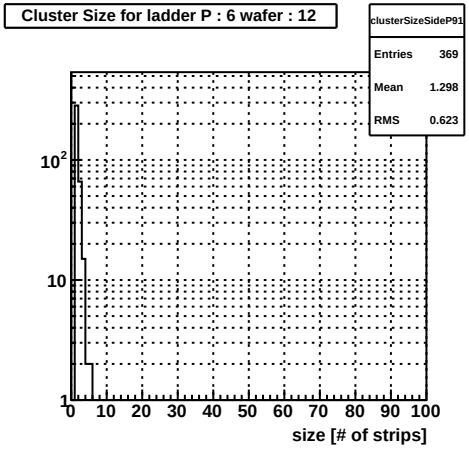

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 10642
Mean 1.15
RMS 0.4667
size [# of strips]

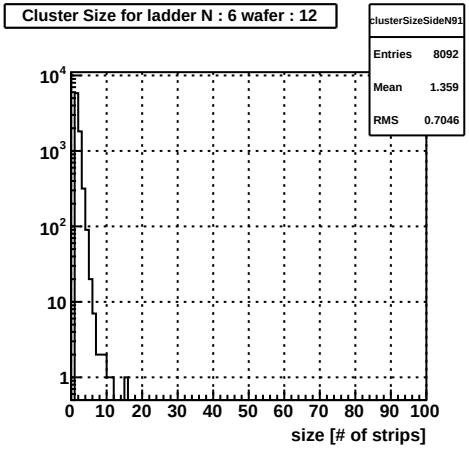

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 10240
Mean 1.423
RMS 0.7133
size [# of strips]

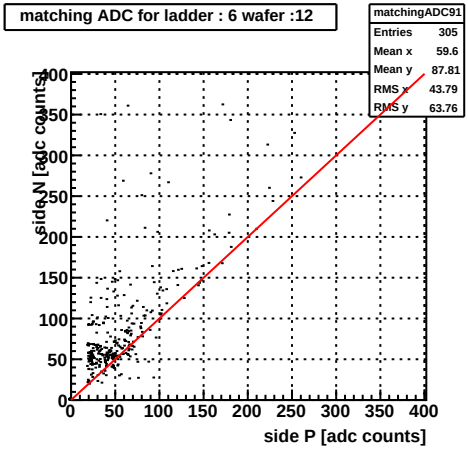

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 4111
Mean x 67.38
Mean y 68.15
RMS x 51.26
RMS y 51.73
side N [adc counts]
side P [adc counts]

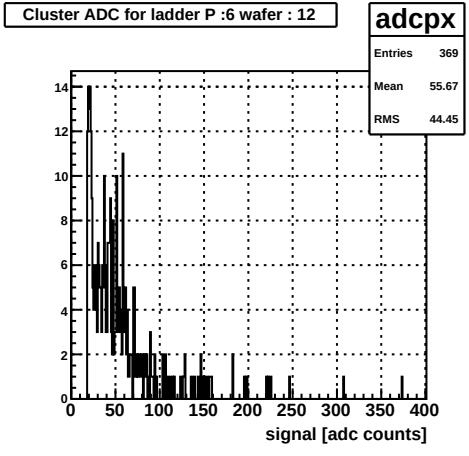

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 10642
Mean 42.47
RMS 39.95
signal [adc counts]

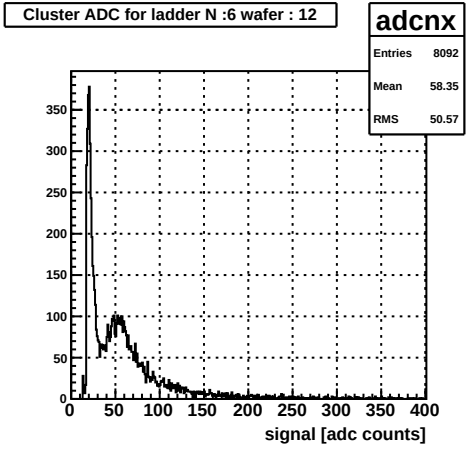

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 10240
Mean 62.11
RMS 53.03
signal [adc counts]

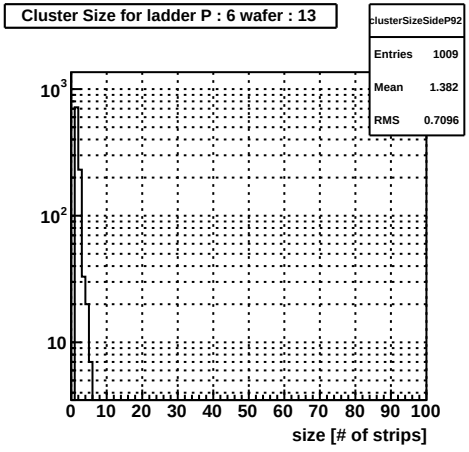

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 369
Mean 1.298
RMS 0.623
size [# of strips]

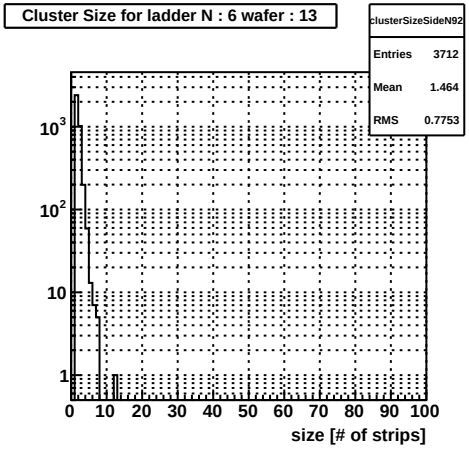

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 8092
Mean 1.359
RMS 0.7046
size [# of strips]

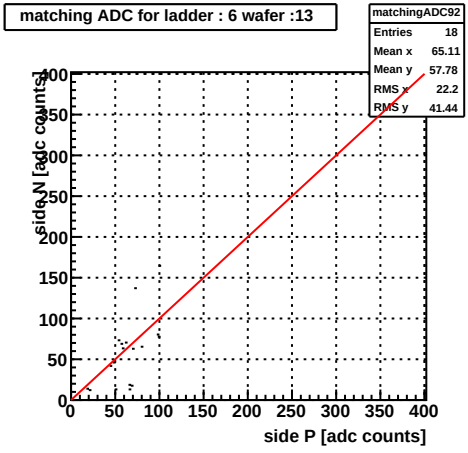

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 305
Mean x 59.6
Mean y 87.81
RMS x 43.79
RMS y 63.76
side N [adc counts]
side P [adc counts]

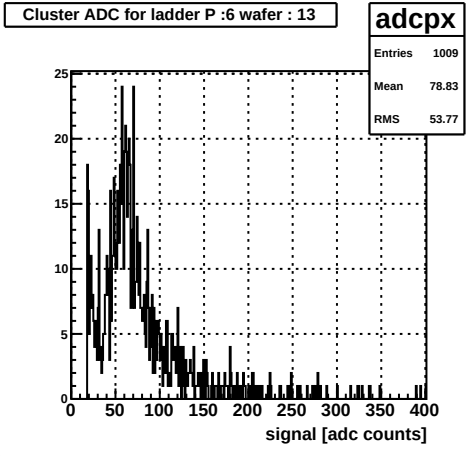

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 369
Mean 55.67
RMS 44.45
signal [adc counts]

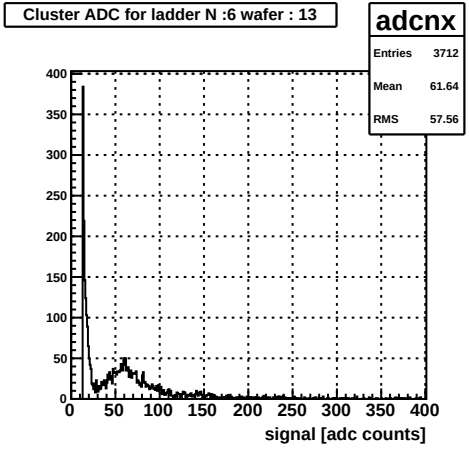

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 8092
Mean 58.35
RMS 50.57
signal [adc counts]

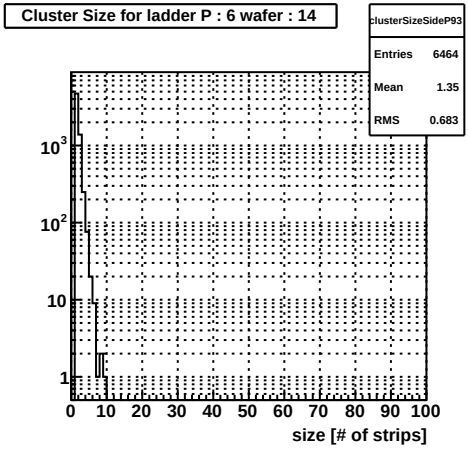

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1009
Mean 1.382
RMS 0.7096
size [# of strips]

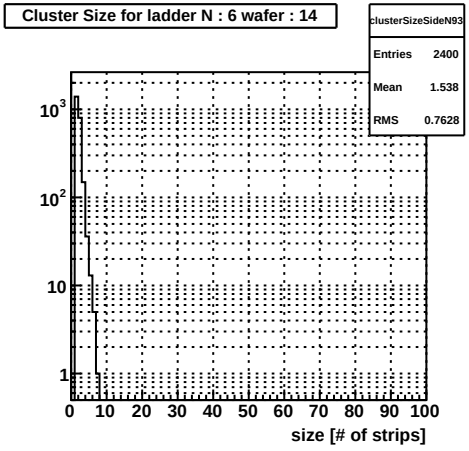

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 3712
Mean 1.464
RMS 0.7753
size [# of strips]

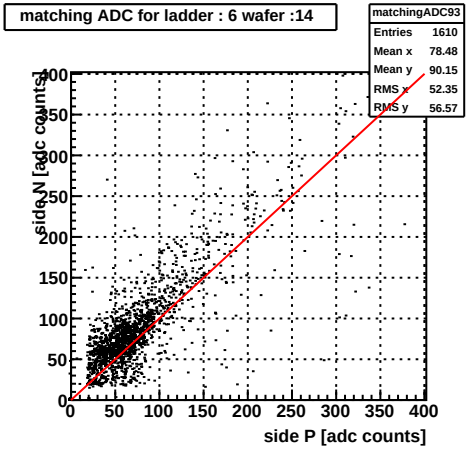

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 18
Mean x 65.11
Mean y 57.78
RMS x 22.2
RMS y 41.44
side N [adc counts]
side P [adc counts]

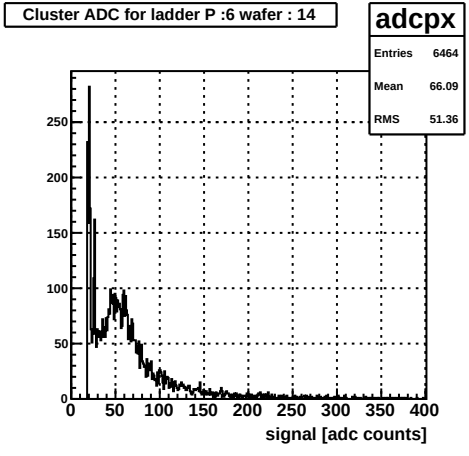

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1009
Mean 78.83
RMS 53.77
signal [adc counts]

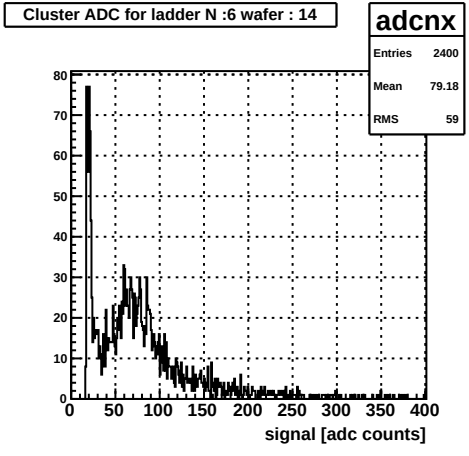

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 3712
Mean 61.64
RMS 57.56
signal [adc counts]

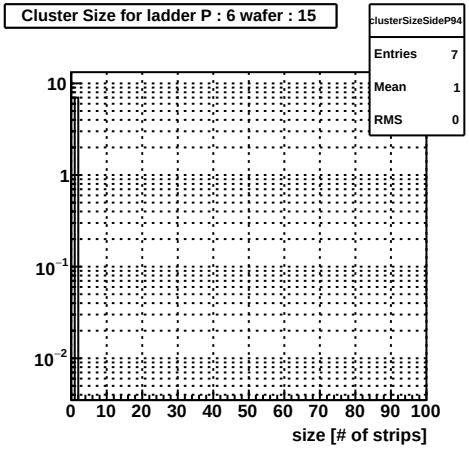

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 6464
Mean 1.35
RMS 0.683
size [# of strips]

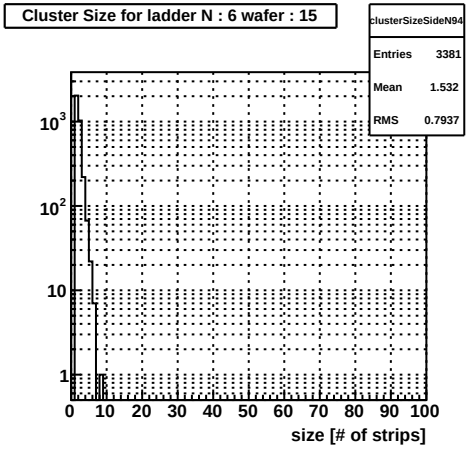

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2400
Mean 1.538
RMS 0.7628
size [# of strips]

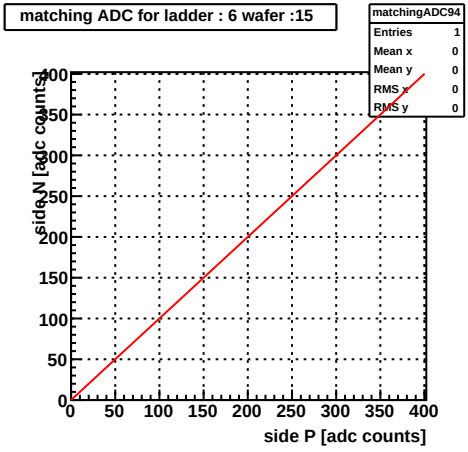

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1610
Mean x 78.48
Mean y 90.15
RMS x 52.35
RMS y 56.57
side N [adc counts]
side P [adc counts]

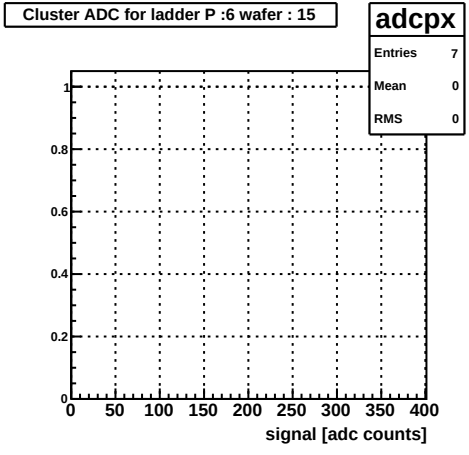

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 6464
Mean 66.09
RMS 51.36
signal [adc counts]

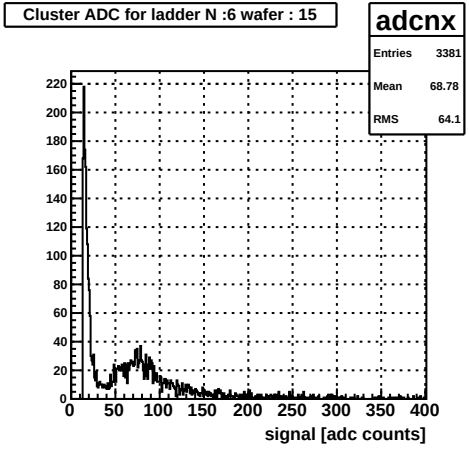

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2400
Mean 79.18
RMS 59
signal [adc counts]

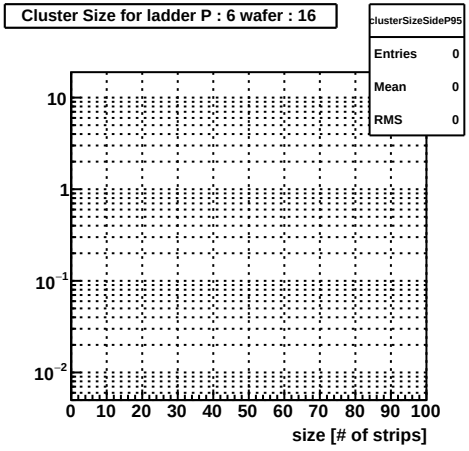

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 7
Mean 1
RMS 0
size [# of strips]

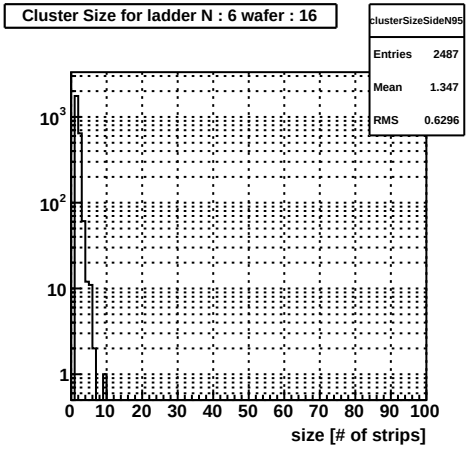

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3381
Mean 1.532
RMS 0.7937
size [# of strips]

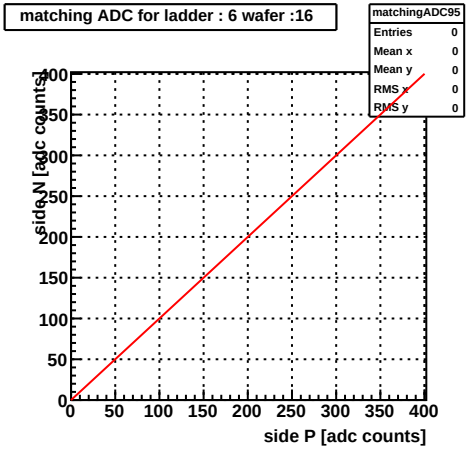

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

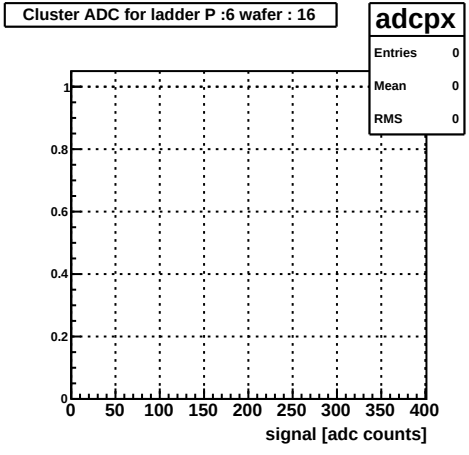

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

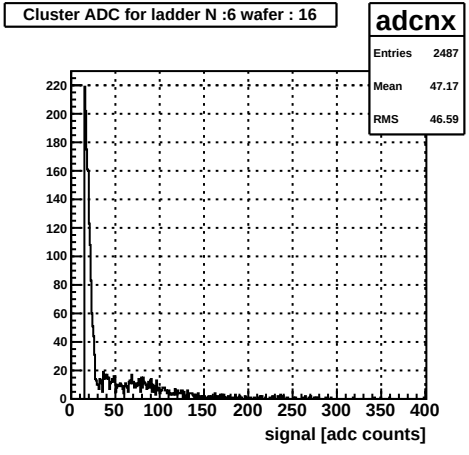

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3381
Mean 68.78
RMS 64.1
signal [adc counts]

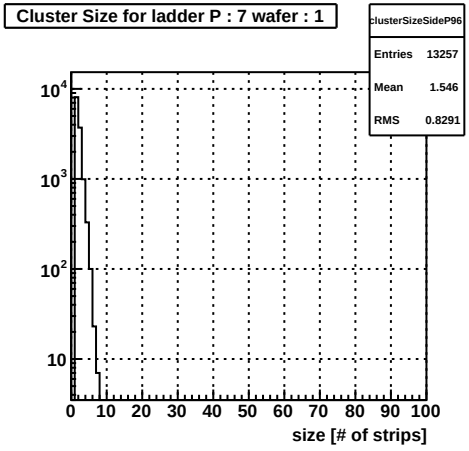

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

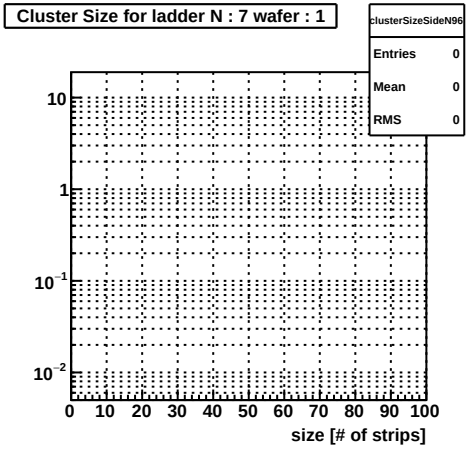

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2487
Mean 1.347
RMS 0.6296
size [# of strips]

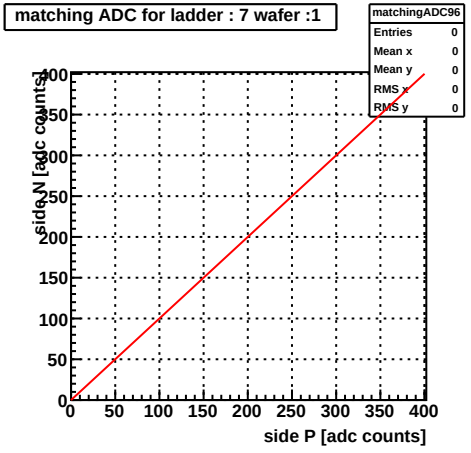

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

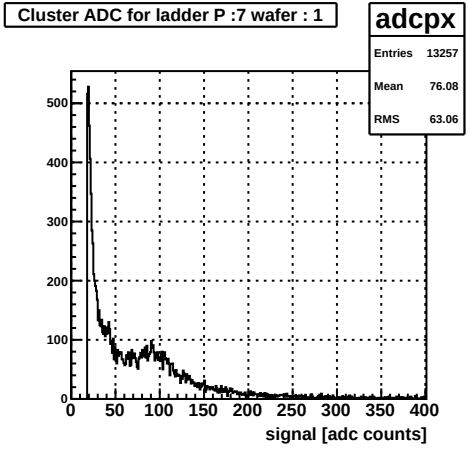

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

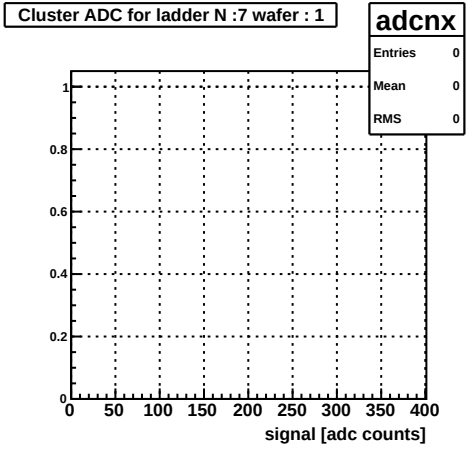

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2487
Mean 47.17
RMS 46.59
signal [adc counts]

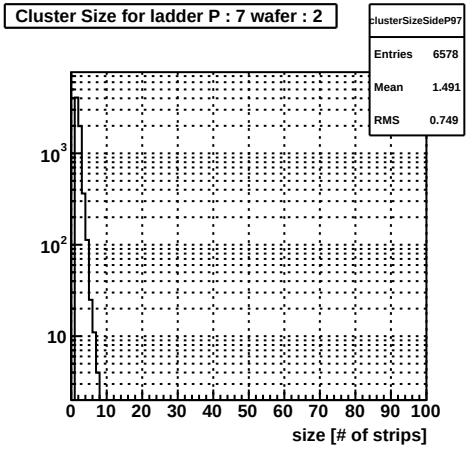

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 13257
Mean 1.546
RMS 0.8291
size [# of strips]

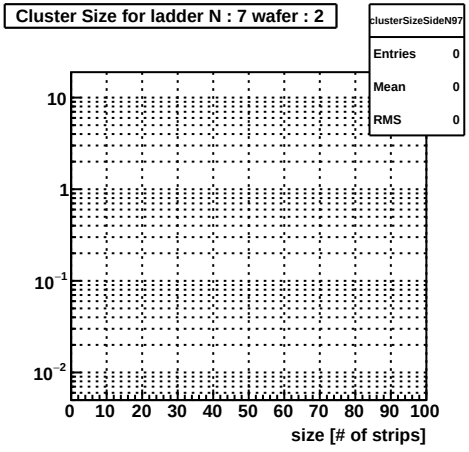

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

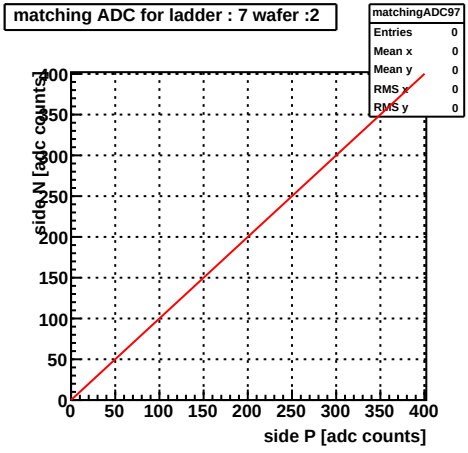

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

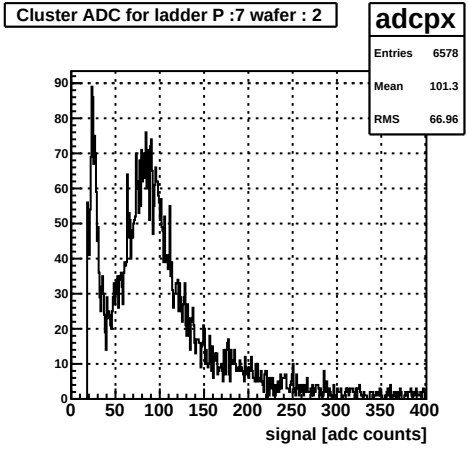

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 13257
Mean 76.08
RMS 63.06
signal [adc counts]

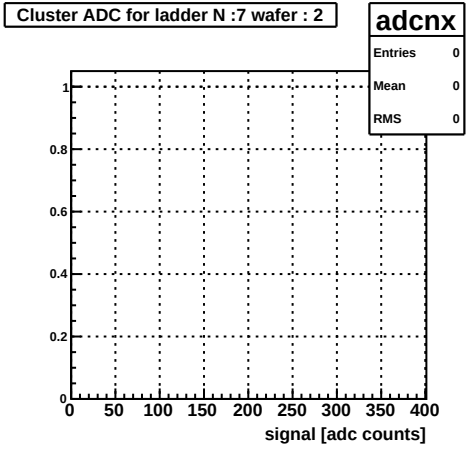

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

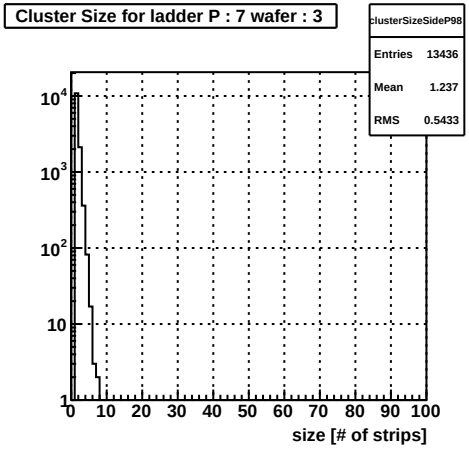

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 6578
Mean 1.491
RMS 0.749
size [# of strips]

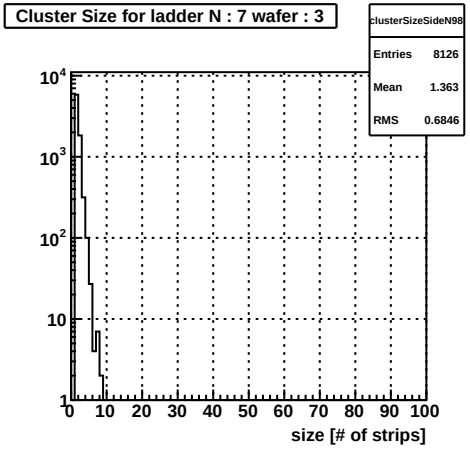

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

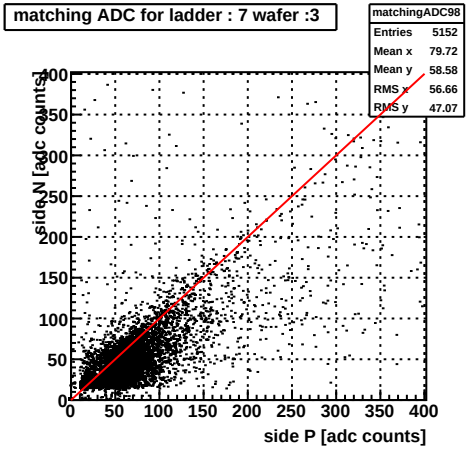

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

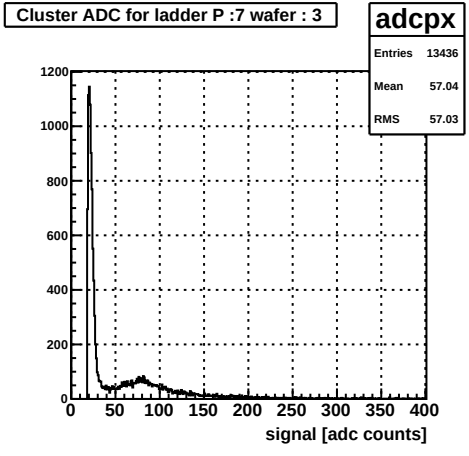

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 6578
Mean 101.3
RMS 66.96
signal [adc counts]

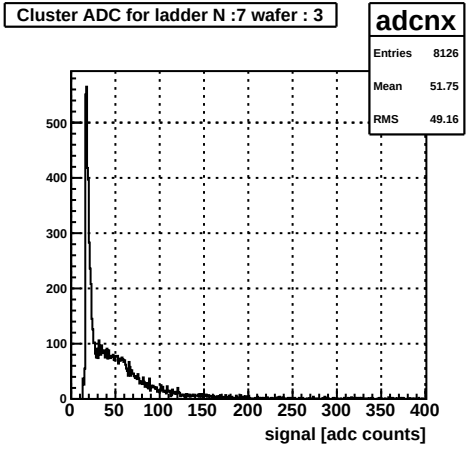

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

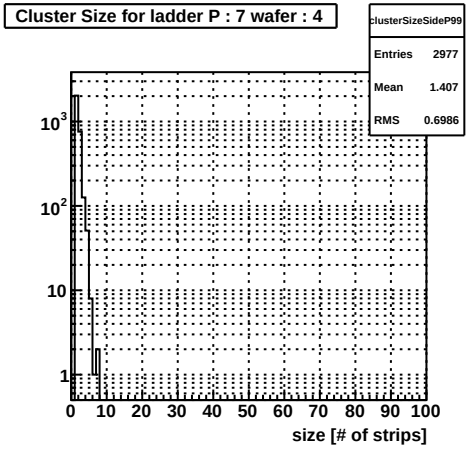

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13436
Mean 1.237
RMS 0.5433
size [# of strips]

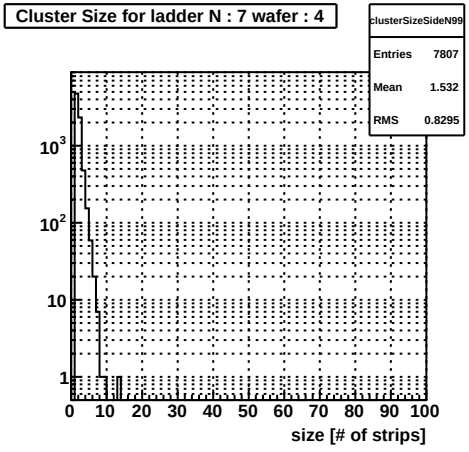

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8126
Mean 1.363
RMS 0.6846
size [# of strips]

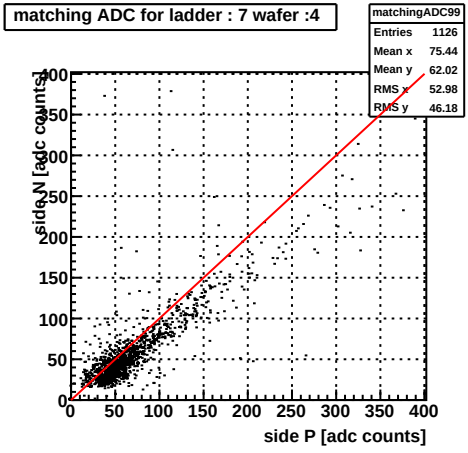

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 5152
Mean x 79.72
Mean y 58.58
RMS x 56.66
RMS y 47.07
side N [adc counts]
side P [adc counts]

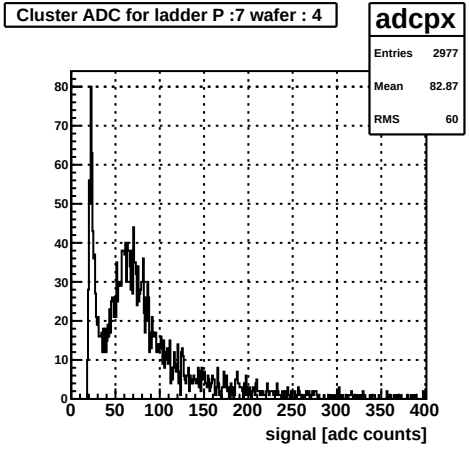

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13436
Mean 57.04
RMS 57.03
signal [adc counts]

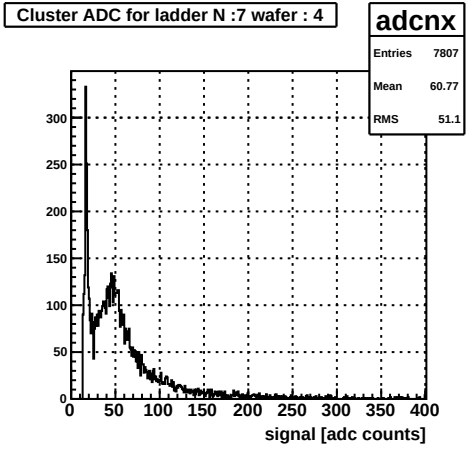

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8126
Mean 51.75
RMS 49.16
signal [adc counts]

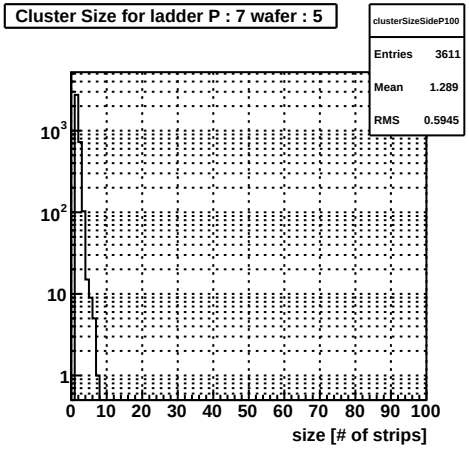

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2977
Mean 1.407
RMS 0.6986
size [# of strips]

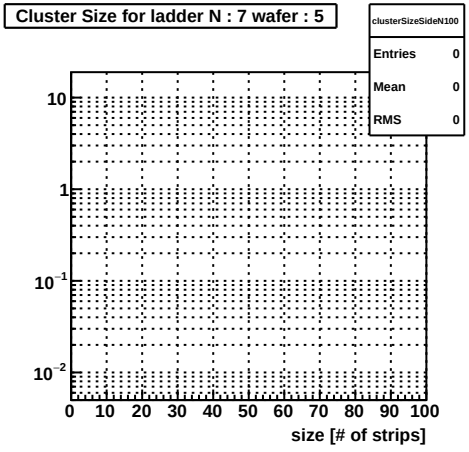

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 7807
Mean 1.532
RMS 0.8295
size [# of strips]

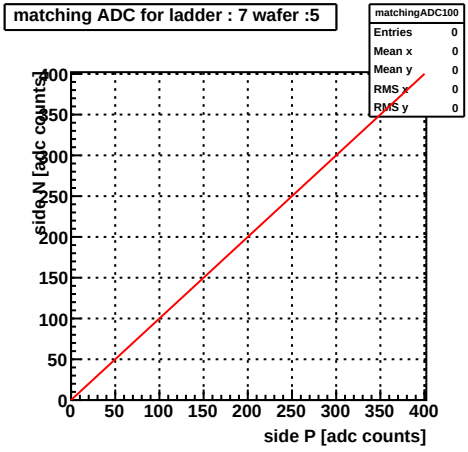

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1126
Mean x 75.44
Mean y 62.02
RMS x 52.98
RMS y 46.18
side N [adc counts]
side P [adc counts]

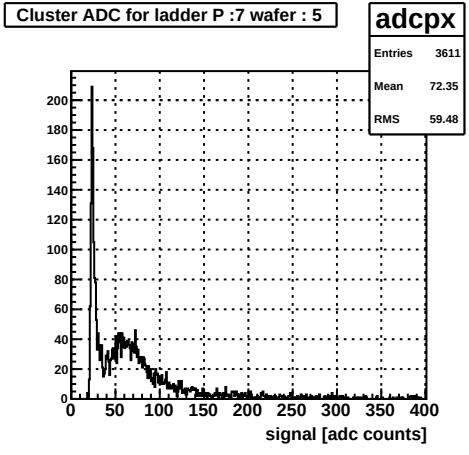

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2977
Mean 82.87
RMS 60
signal [adc counts]

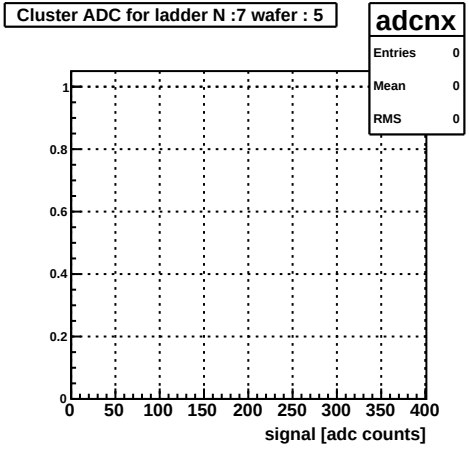

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 7807
Mean 60.77
RMS 51.1
signal [adc counts]

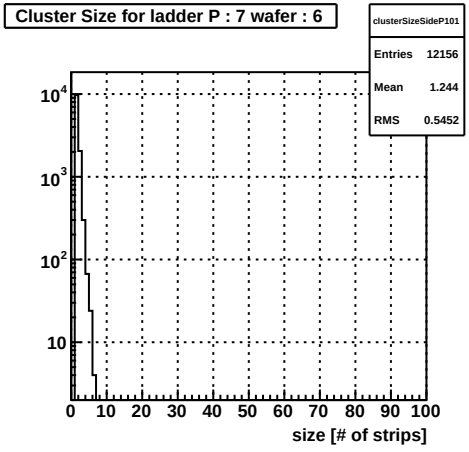

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3611
Mean 1.289
RMS 0.5945
size [# of strips]

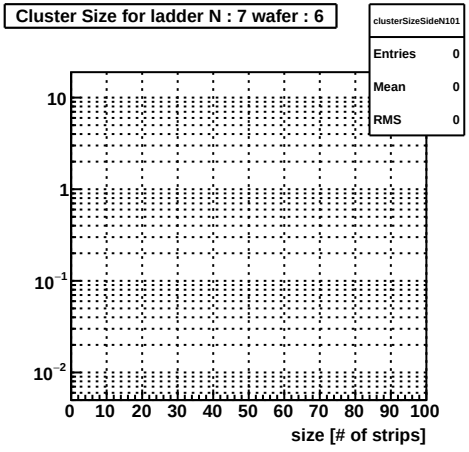

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

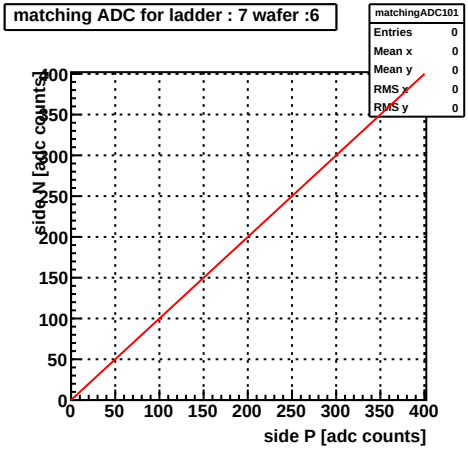

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

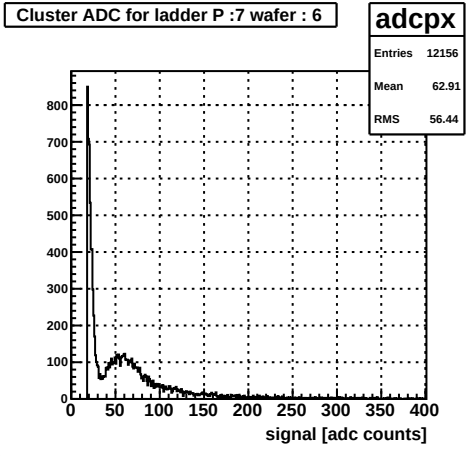

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3611
Mean 72.35
RMS 59.48
signal [adc counts]

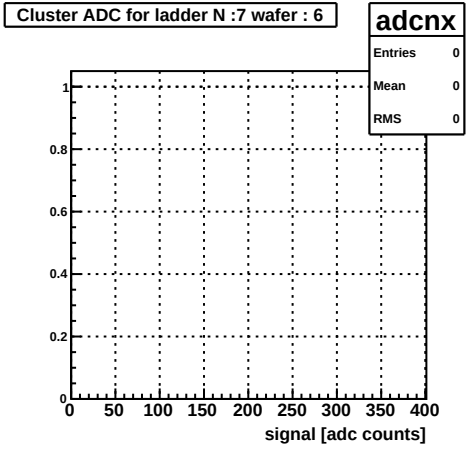

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

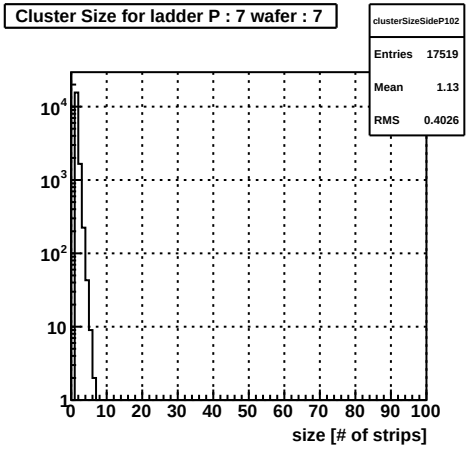

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 12156
Mean 1.244
RMS 0.5452
size [# of strips]

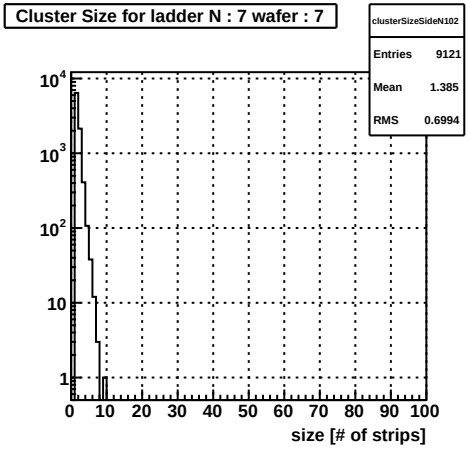

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

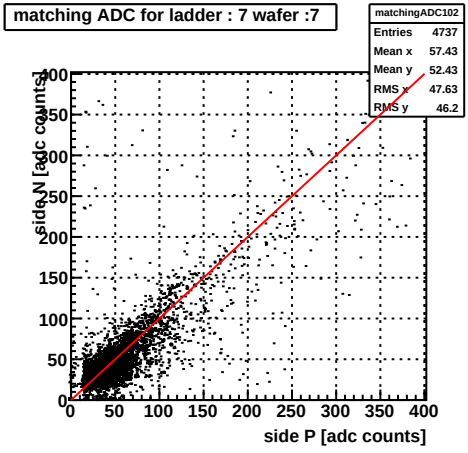

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

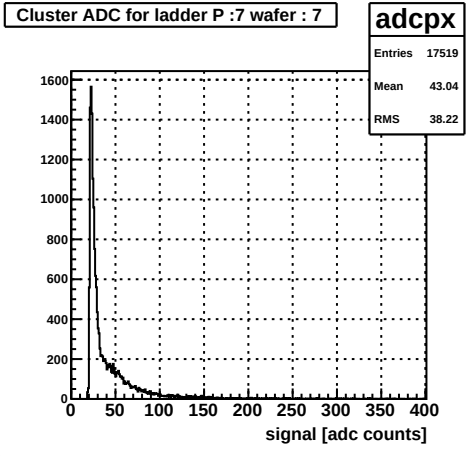

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 12156
Mean 62.91
RMS 56.44
signal [adc counts]

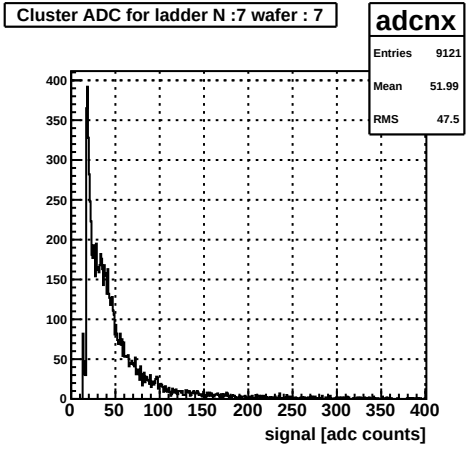

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

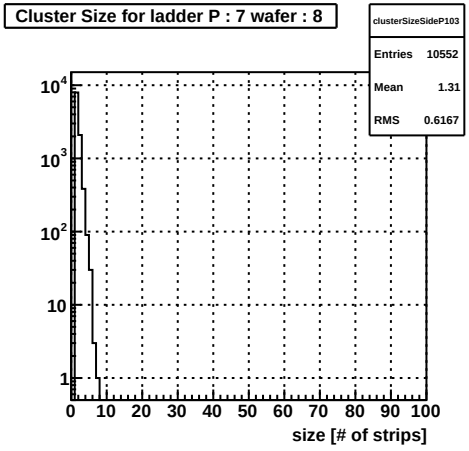

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 17519
Mean 1.13
RMS 0.4026
size [# of strips]

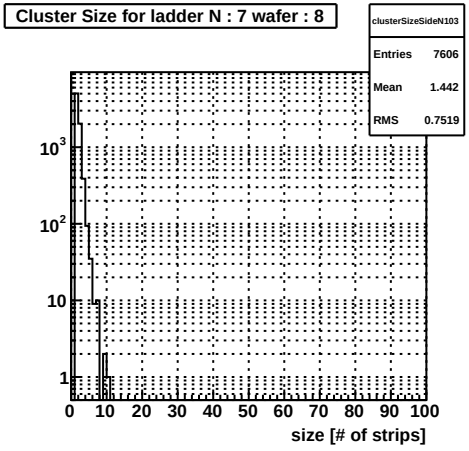

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 9121
Mean 1.385
RMS 0.6994
size [# of strips]

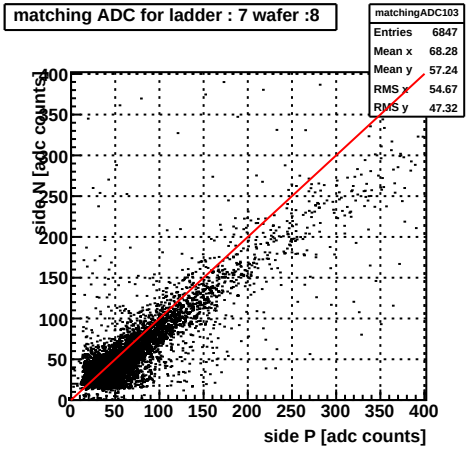

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 4737
Mean x 57.43
Mean y 52.43
RMS x 47.63
RMS y 46.2
side N [adc counts]
side P [adc counts]

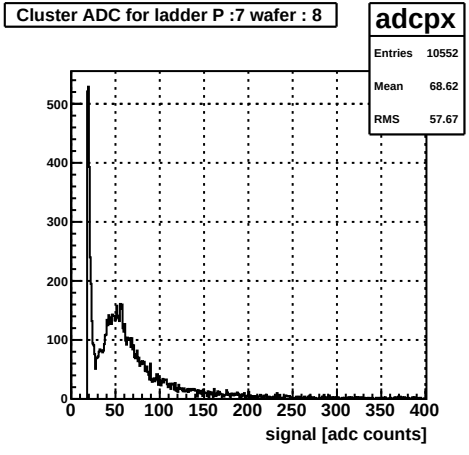

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 17519
Mean 43.04
RMS 38.22
signal [adc counts]

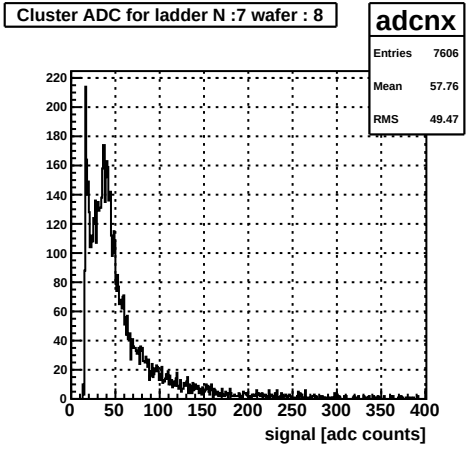

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 9121
Mean 51.99
RMS 47.5
signal [adc counts]

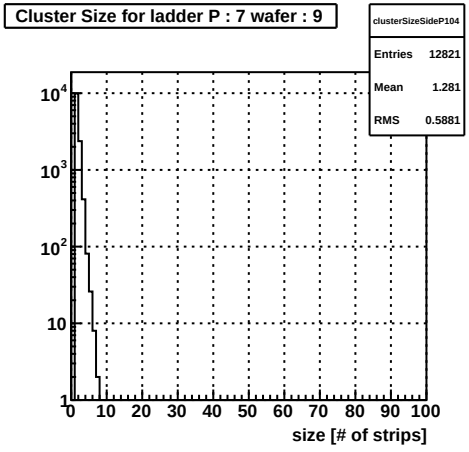

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 10552
Mean 1.31
RMS 0.6167
size [# of strips]

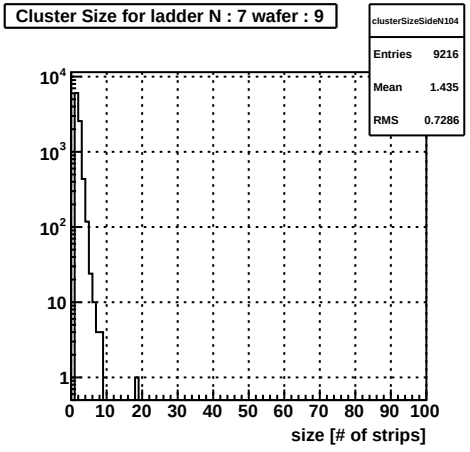

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 7606
Mean 1.442
RMS 0.7519
size [# of strips]

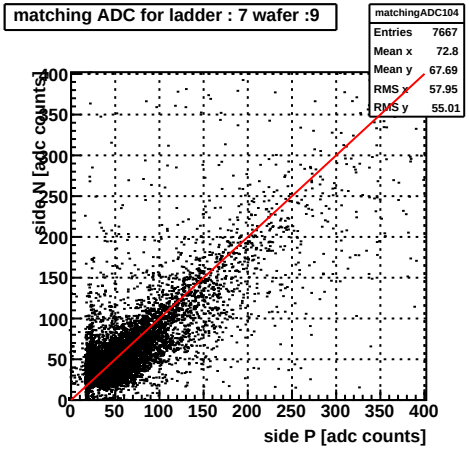

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 6847
Mean x 68.28
Mean y 57.24
RMS x 54.67
RMS y 47.32
side N [adc counts]
side P [adc counts]

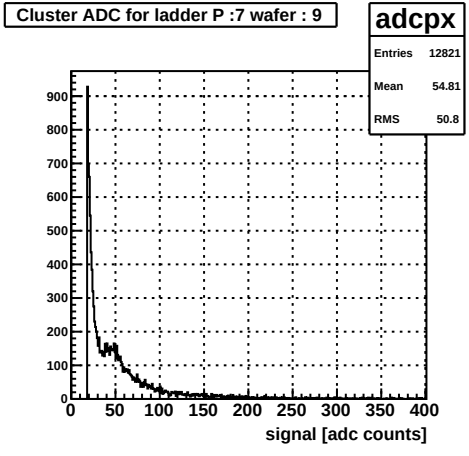

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 10552
Mean 68.62
RMS 57.67
signal [adc counts]

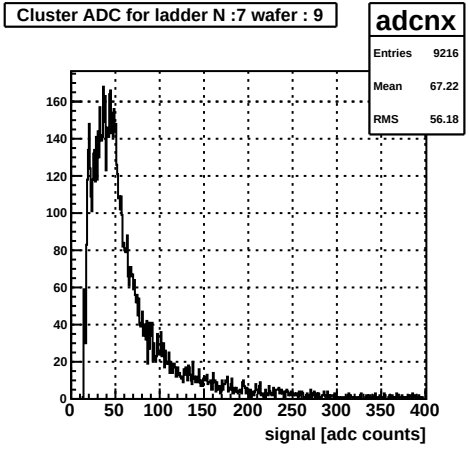

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 7606
Mean 57.76
RMS 49.47
signal [adc counts]

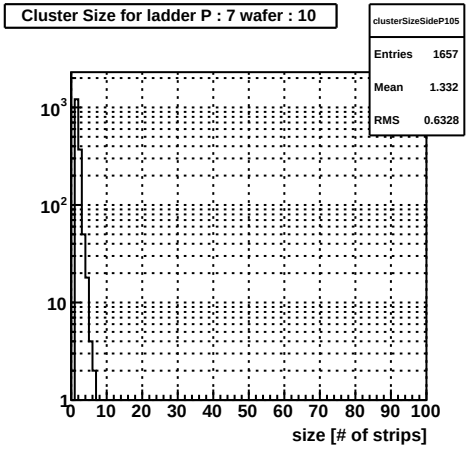

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 12821
Mean 1.281
RMS 0.5881
size [# of strips]

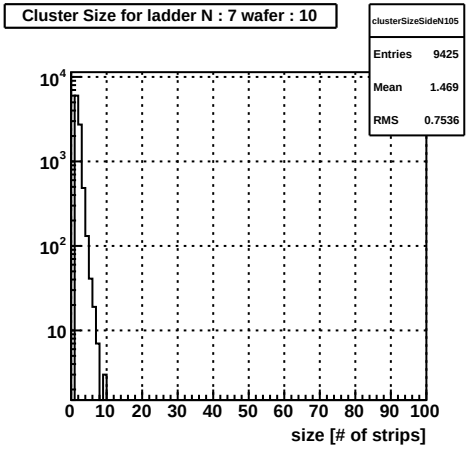

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 9216
Mean 1.435
RMS 0.7286
size [# of strips]

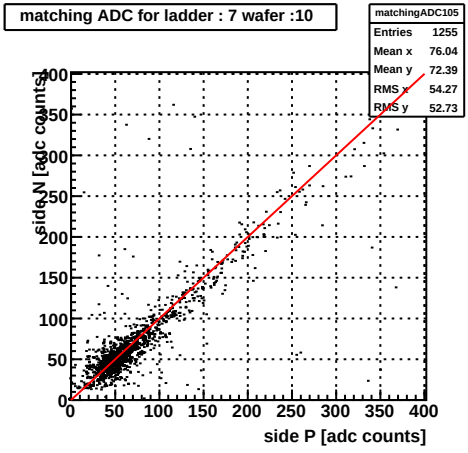

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 7667
Mean x 72.8
Mean y 67.69
RMS x 57.95
RMS y 55.01
side N [adc counts]
side P [adc counts]

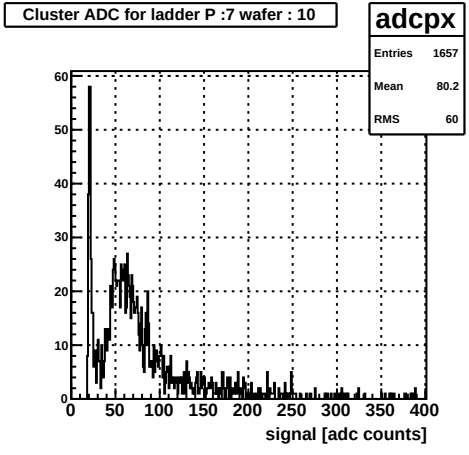

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 12821
Mean 54.81
RMS 50.8
signal [adc counts]

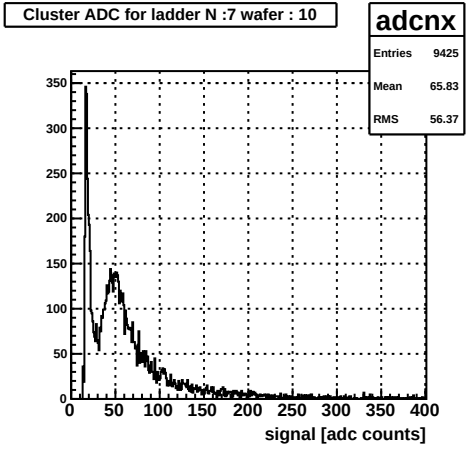

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 9216
Mean 67.22
RMS 56.18
signal [adc counts]

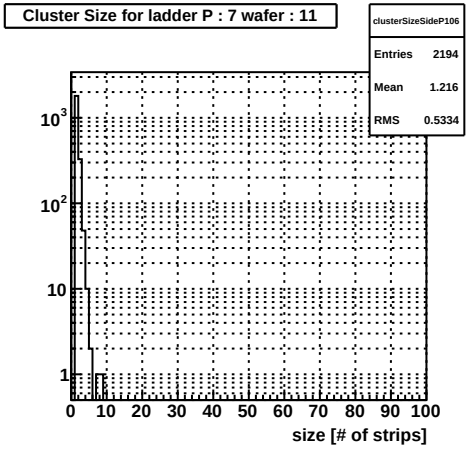

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1657
Mean 1.332
RMS 0.6328
size [# of strips]

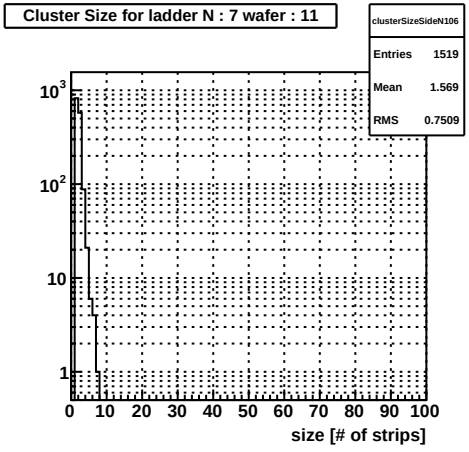

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 9425
Mean 1.469
RMS 0.7536
size [# of strips]

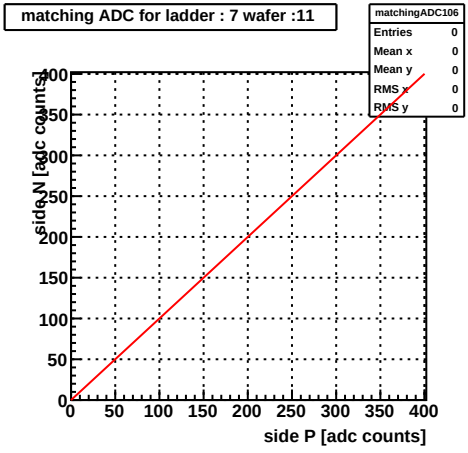

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1255
Mean x 76.04
Mean y 72.39
RMS x 54.27
RMS y 52.73
side N [adc counts]
side P [adc counts]

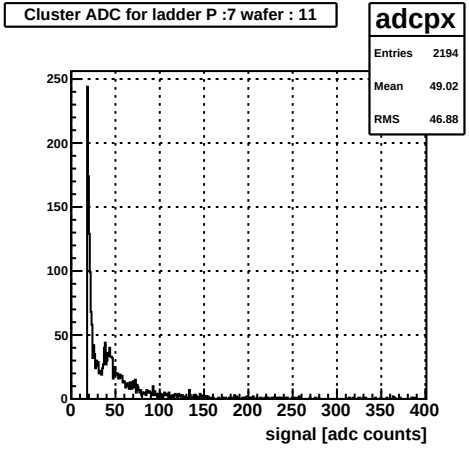

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1657
Mean 80.2
RMS 60
signal [adc counts]

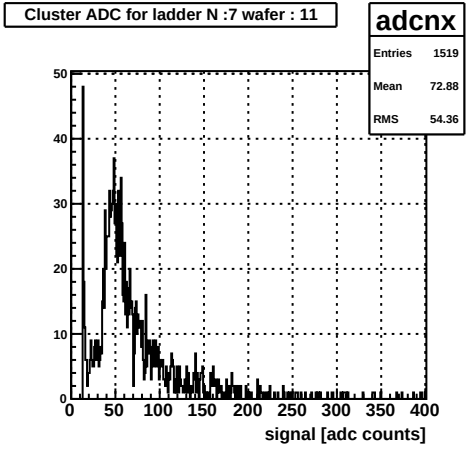

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 9425
Mean 65.83
RMS 56.37
signal [adc counts]

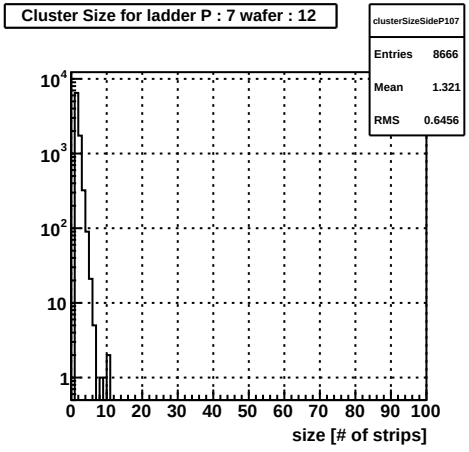

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2194
Mean 1.216
RMS 0.5334
size [# of strips]

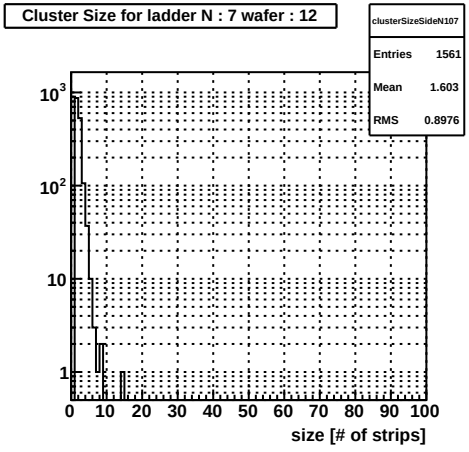

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1519
Mean 1.569
RMS 0.7509
size [# of strips]

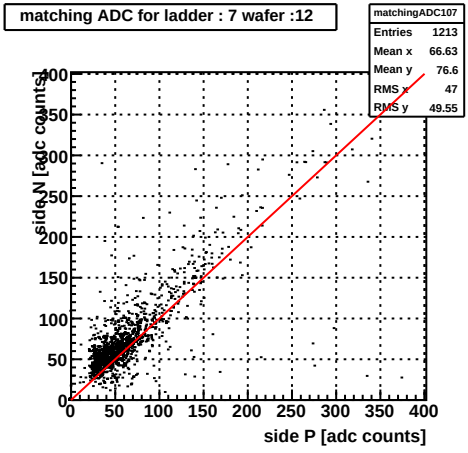

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

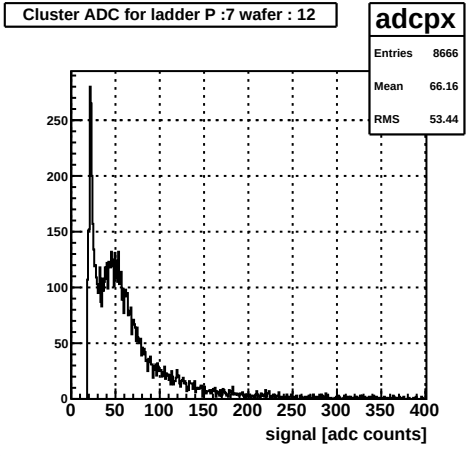

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2194
Mean 49.02
RMS 46.88
signal [adc counts]

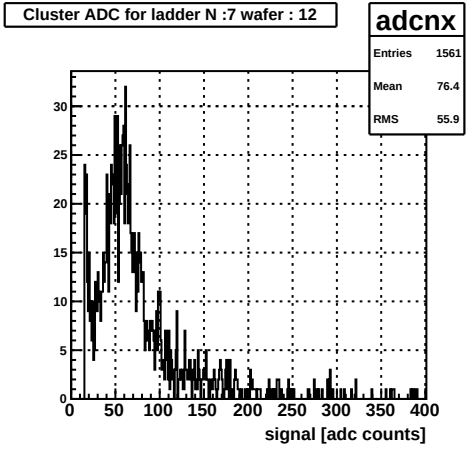

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1519
Mean 72.88
RMS 54.36
signal [adc counts]

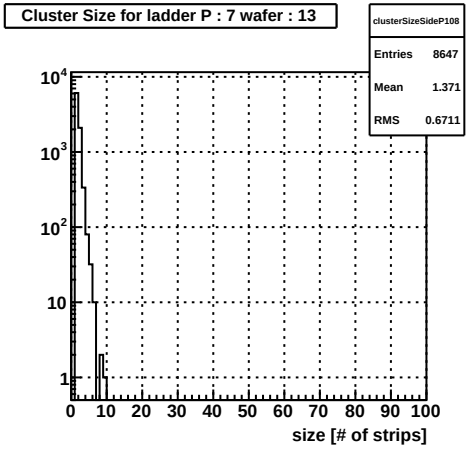

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 8666
Mean 1.321
RMS 0.6456
size [# of strips]

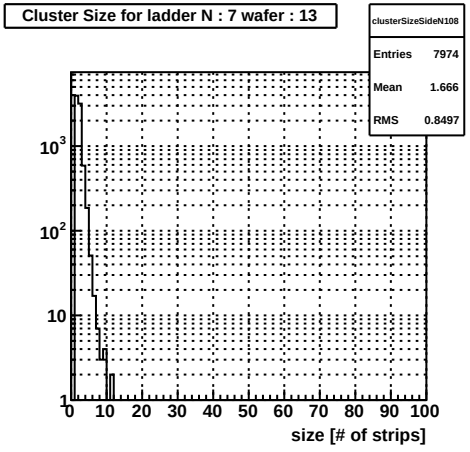

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1561
Mean 1.603
RMS 0.8976
size [# of strips]

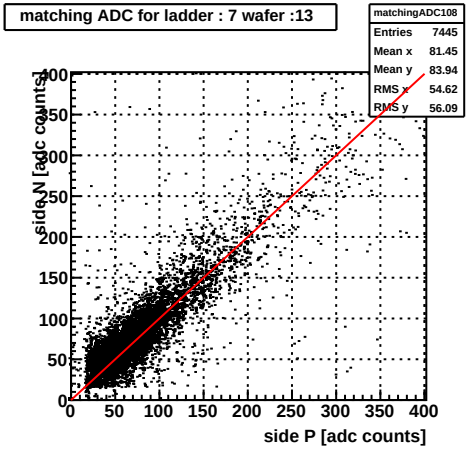

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1213
Mean x 66.63
Mean y 76.6
RMS x 47
RMS y 49.55
side N [adc counts]
side P [adc counts]

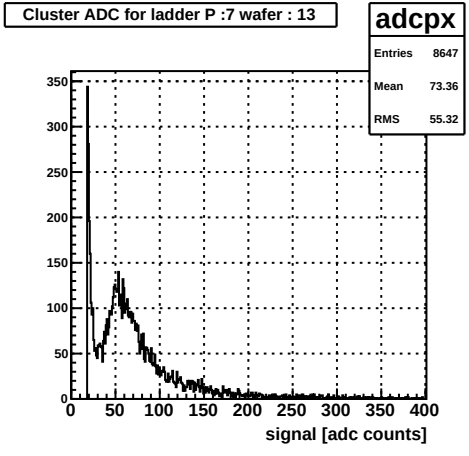

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 8666
Mean 66.16
RMS 53.44
signal [adc counts]

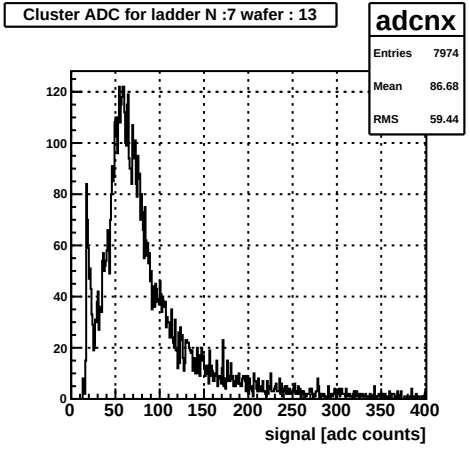

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1561
Mean 76.4
RMS 55.9
signal [adc counts]

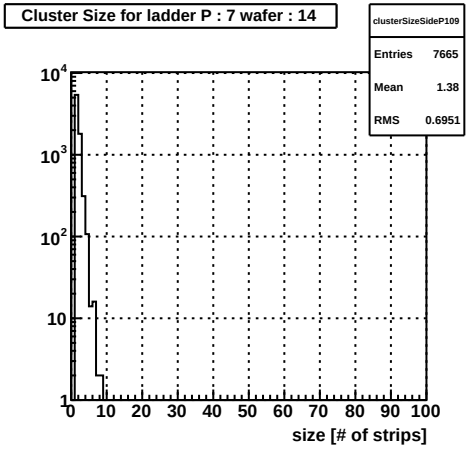

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 8647
Mean 1.371
RMS 0.6711
size [# of strips]

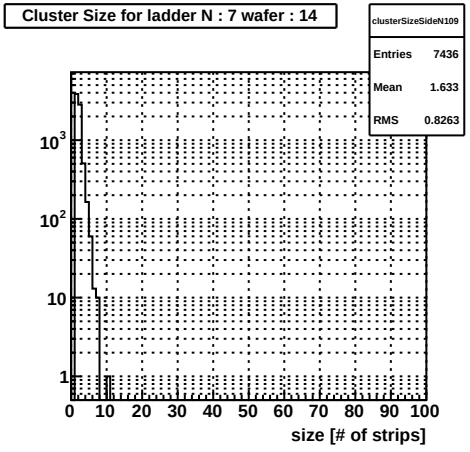

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 7974
Mean 1.666
RMS 0.8497
size [# of strips]

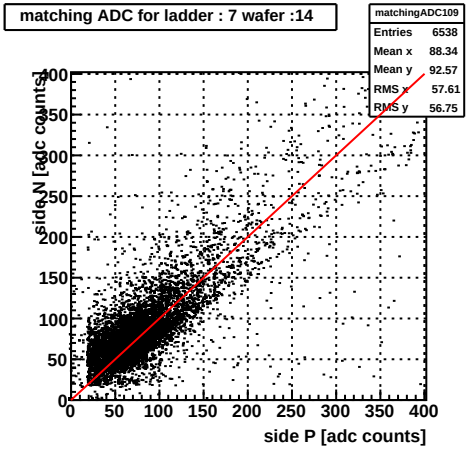

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 7445
Mean x 81.45
Mean y 83.94
RMS x 54.62
RMS y 56.09
side N [adc counts]
side P [adc counts]

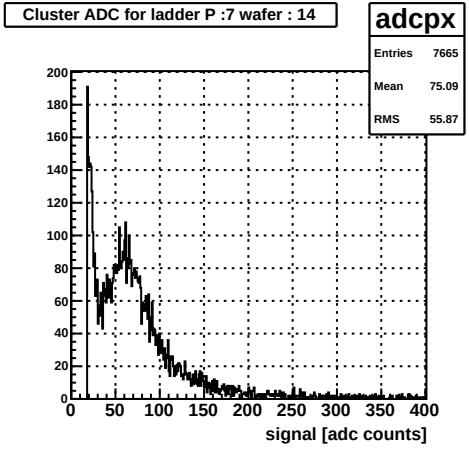

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 8647
Mean 73.36
RMS 55.32
signal [adc counts]

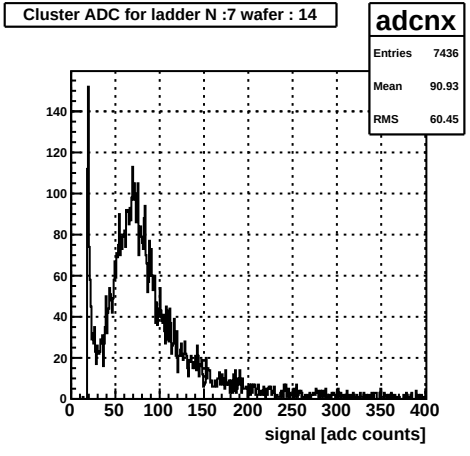

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 7974
Mean 86.68
RMS 59.44
signal [adc counts]

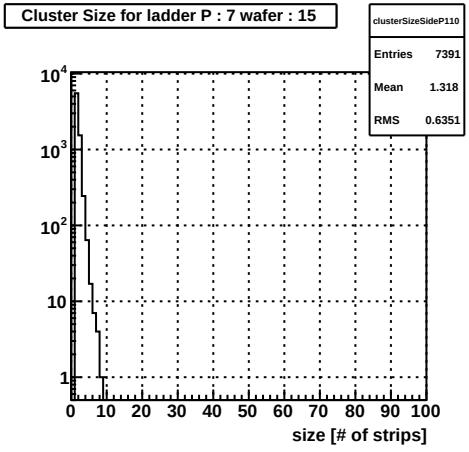

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 7665
Mean 1.38
RMS 0.6951
size [# of strips]

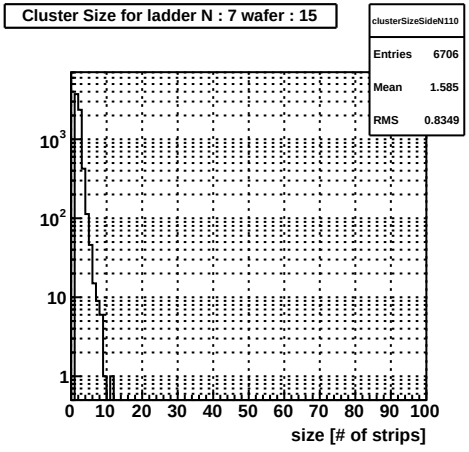

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 7436
Mean 1.633
RMS 0.8263
size [# of strips]

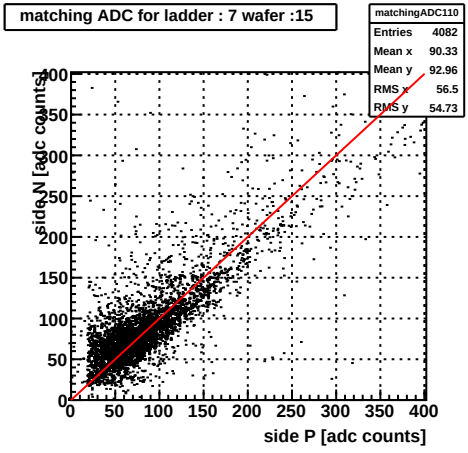

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 6538
Mean x 88.34
Mean y 92.57
RMS x 57.61
RMS y 56.75
side N [adc counts]
side P [adc counts]

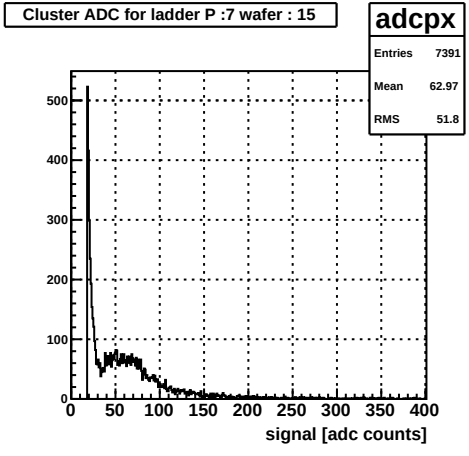

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 7665
Mean 75.09
RMS 55.87
signal [adc counts]

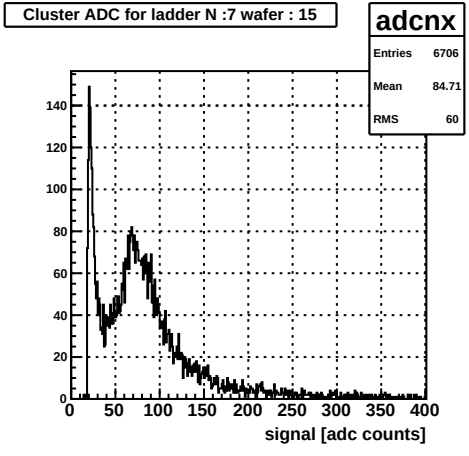

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 7436
Mean 90.93
RMS 60.45
signal [adc counts]

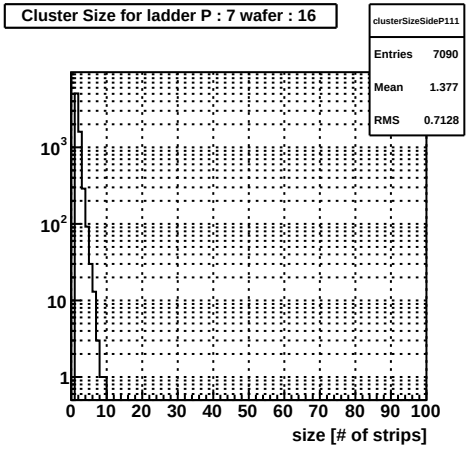

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 7391
Mean 1.318
RMS 0.6351
size [# of strips]

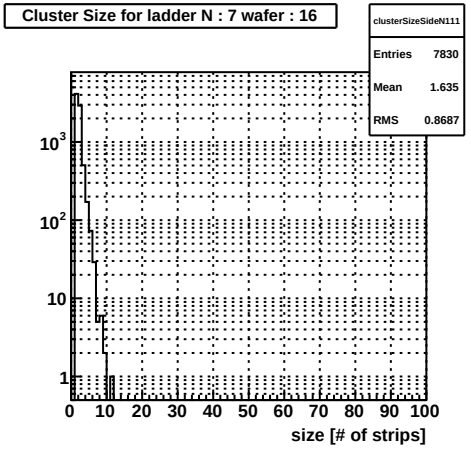

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 6706
Mean 1.585
RMS 0.8349
size [# of strips]

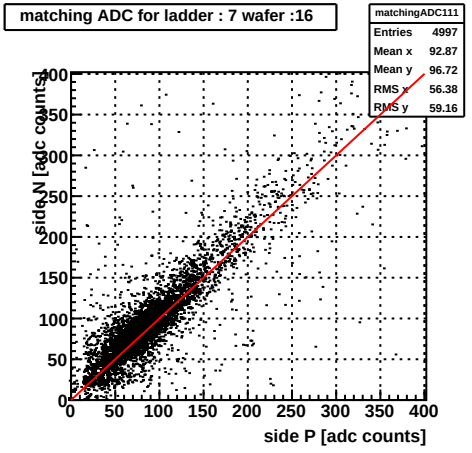

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 4082
Mean x 90.33
Mean y 92.96
RMS x 56.5
RMS y 54.73
side N [adc counts]
side P [adc counts]

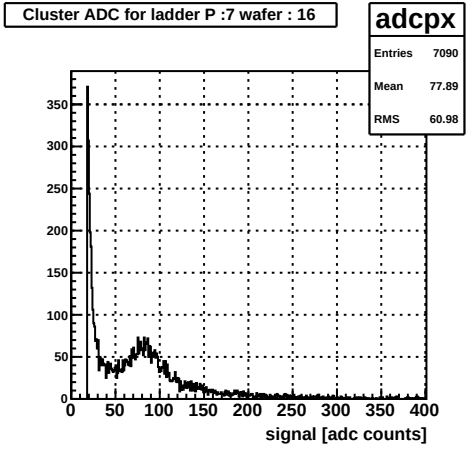

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 7391
Mean 62.97
RMS 51.8
signal [adc counts]

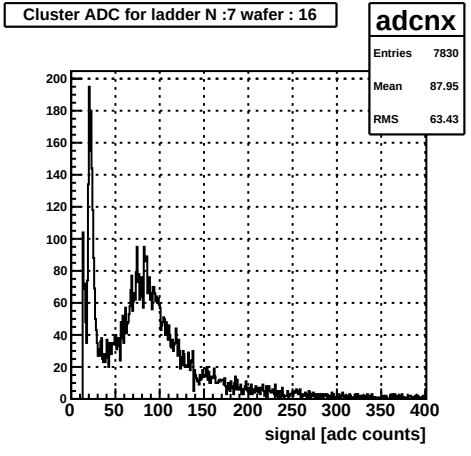

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 6706
Mean 84.71
RMS 60
signal [adc counts]

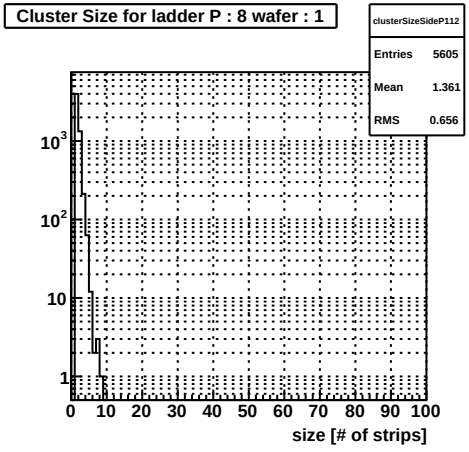

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7090
Mean 1.377
RMS 0.7128
size [# of strips]

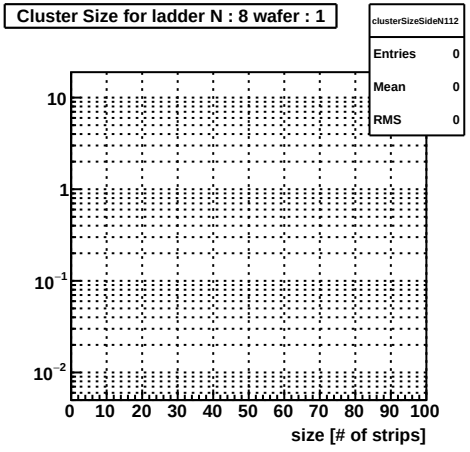

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7830
Mean 1.635
RMS 0.8687
size [# of strips]

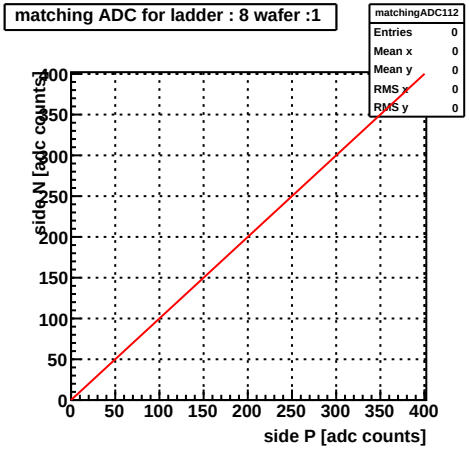

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 4997
Mean x 92.87
Mean y 96.72
RMS x 56.38
RMS y 59.16
side N [adc counts]
side P [adc counts]

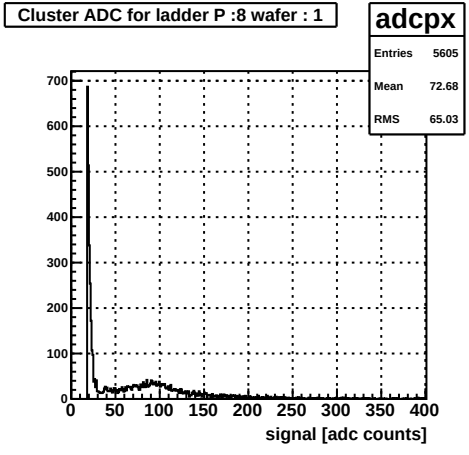

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7090
Mean 77.89
RMS 60.98
signal [adc counts]

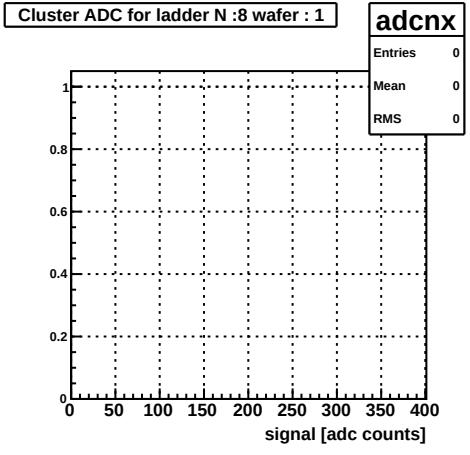

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7830
Mean 87.95
RMS 63.43
signal [adc counts]

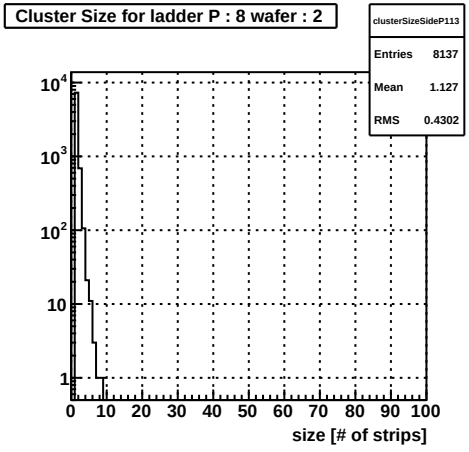

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 5605
Mean 1.361
RMS 0.656
size [# of strips]

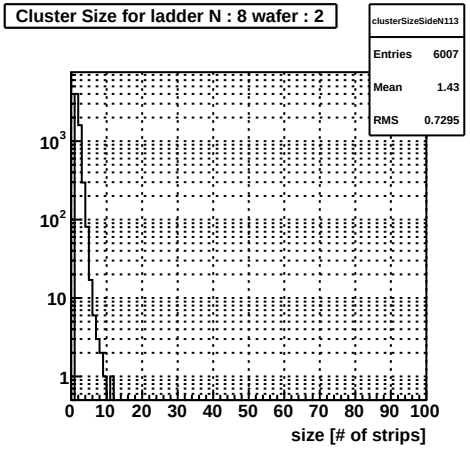

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

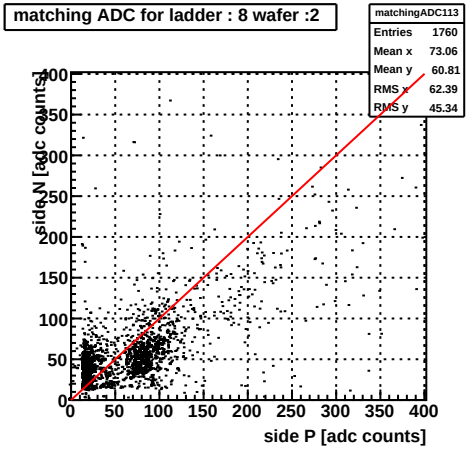

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

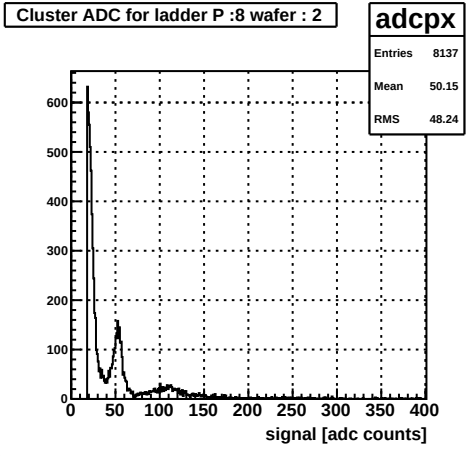

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 5605
Mean 72.68
RMS 65.03
signal [adc counts]

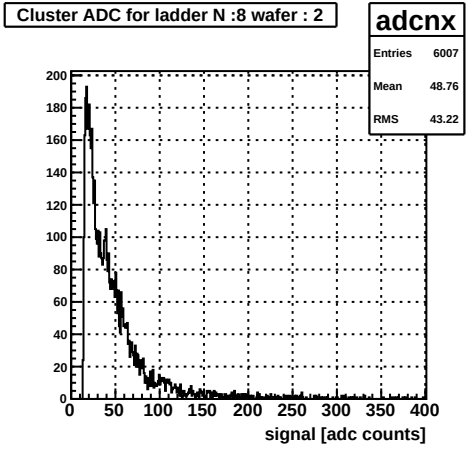

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

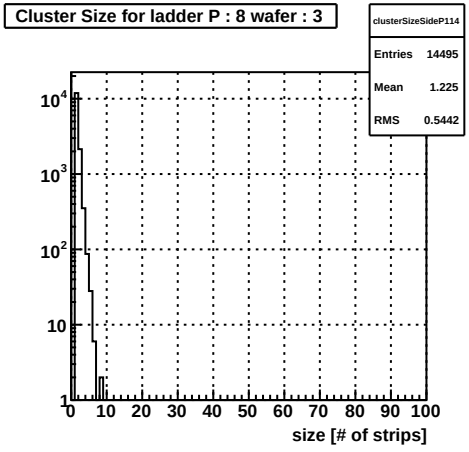

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8137
Mean 1.127
RMS 0.4302
size [# of strips]

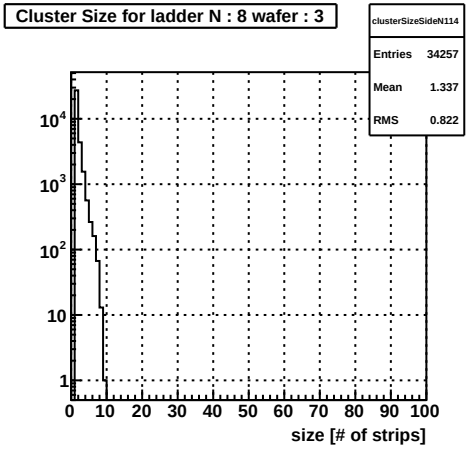

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 6007
Mean 1.43
RMS 0.7295
size [# of strips]

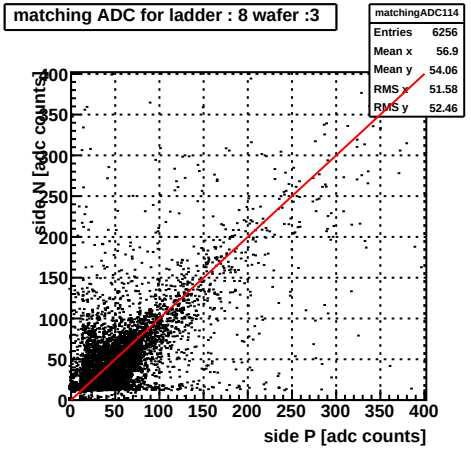

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1760
Mean x 73.06
Mean y 60.81
RMS x 62.39
RMS y 45.34
side N [adc counts]
side P [adc counts]

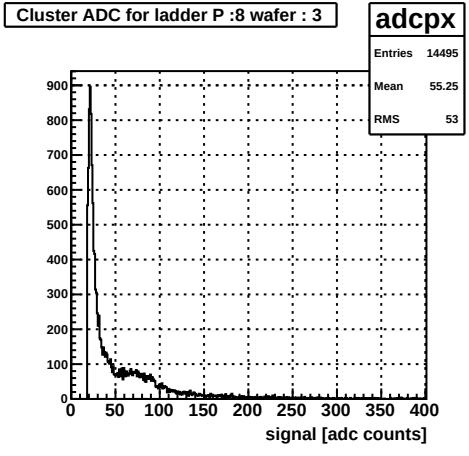

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8137
Mean 50.15
RMS 48.24
signal [adc counts]

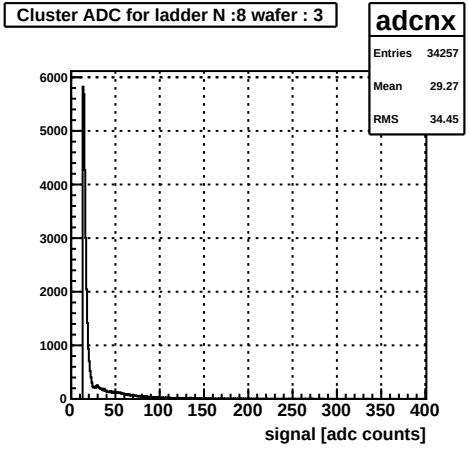

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 6007
Mean 48.76
RMS 43.22
signal [adc counts]

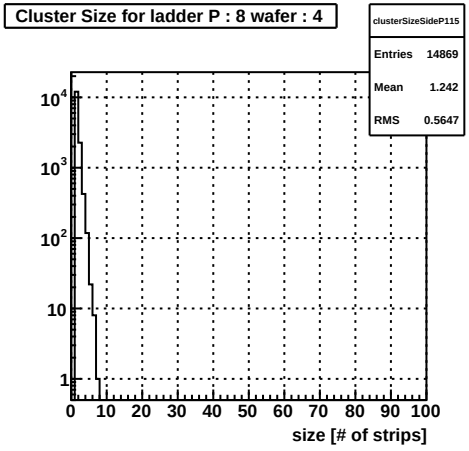

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 14495
Mean 1.225
RMS 0.5442
size [# of strips]

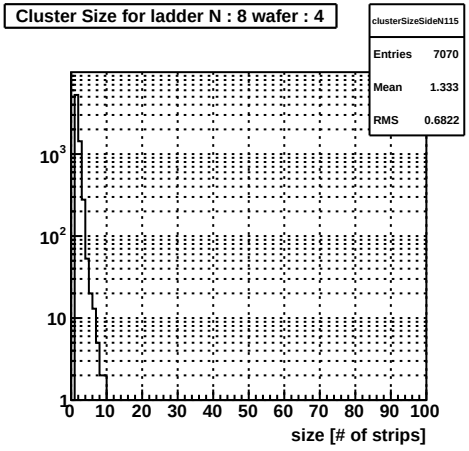

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 34257
Mean 1.337
RMS 0.822
size [# of strips]

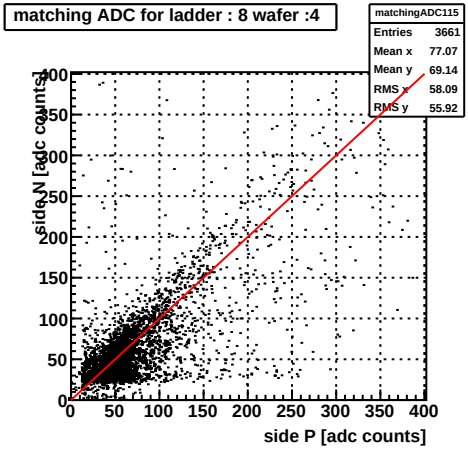

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 6256
Mean x 56.9
Mean y 54.06
RMS x 51.58
RMS y 52.46
side N [adc counts]
side P [adc counts]

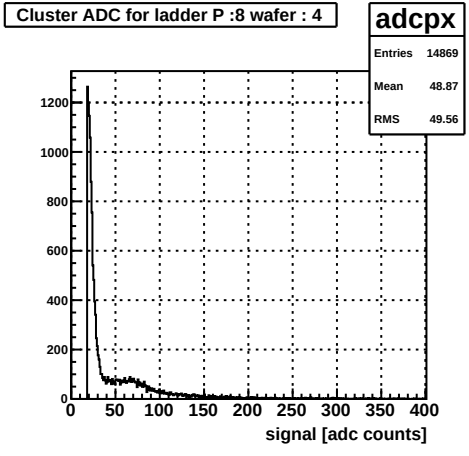

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 14495
Mean 55.25
RMS 53
signal [adc counts]

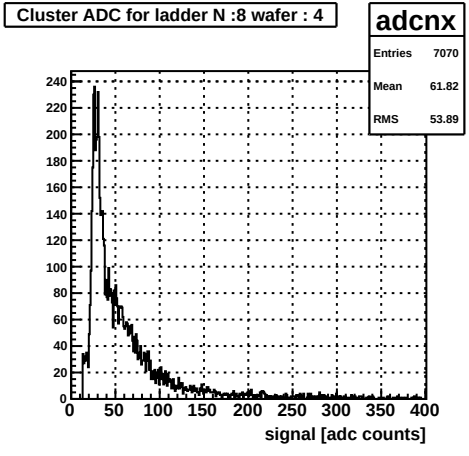

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 34257
Mean 29.27
RMS 34.45
signal [adc counts]

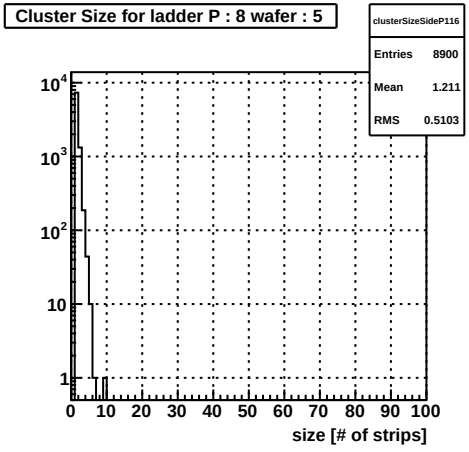

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 14869
Mean 1.242
RMS 0.5647
size [# of strips]

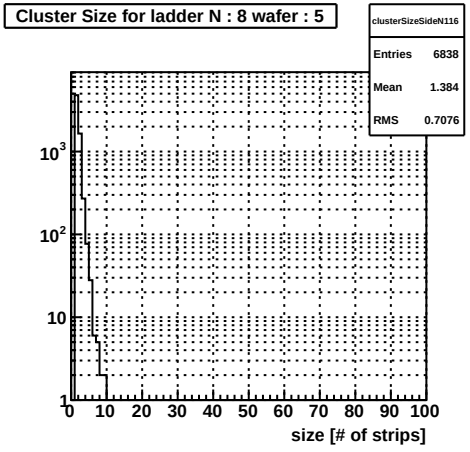

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7070
Mean 1.333
RMS 0.6822
size [# of strips]

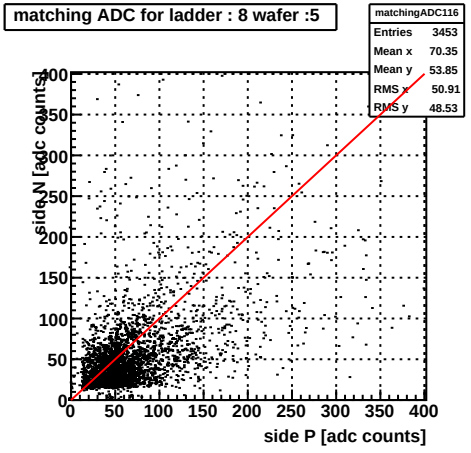

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 3661
Mean x 77.07
Mean y 69.14
RMS x 58.09
RMS y 55.92
side N [adc counts]
side P [adc counts]

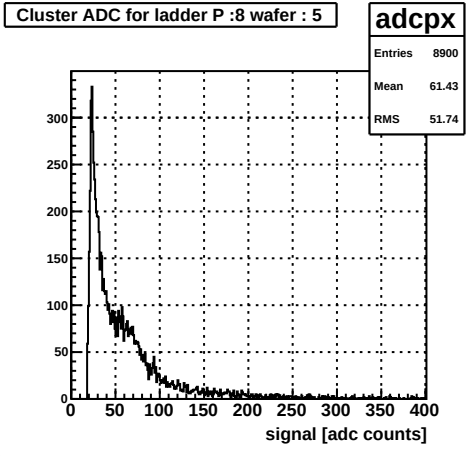

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 14869
Mean 48.87
RMS 49.56
signal [adc counts]

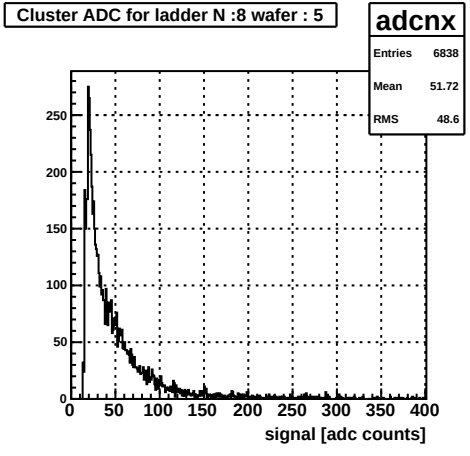

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7070
Mean 61.82
RMS 53.89
signal [adc counts]

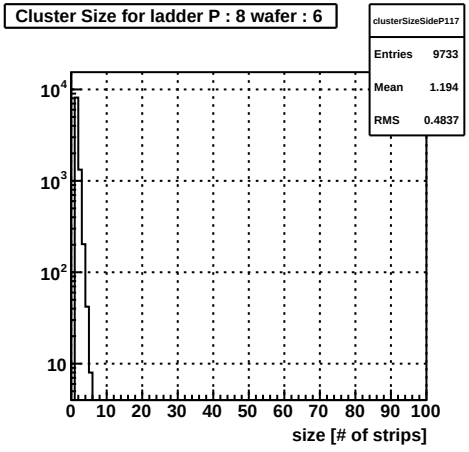

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8900
Mean 1.211
RMS 0.5103
size [# of strips]

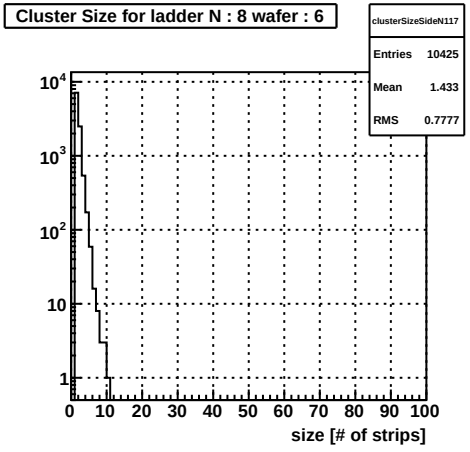

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 6838
Mean 1.384
RMS 0.7076
size [# of strips]

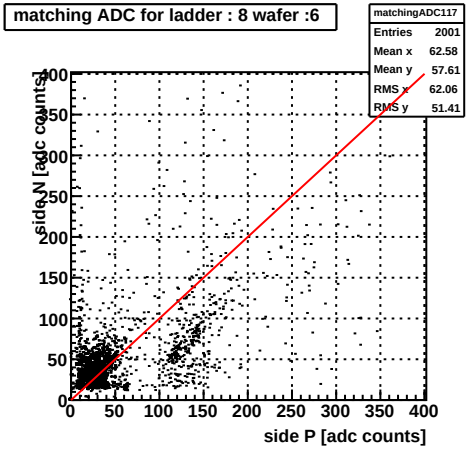

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 3453
Mean x 70.35
Mean y 53.85
RMS x 50.91
RMS y 48.53
side N [adc counts]
side P [adc counts]

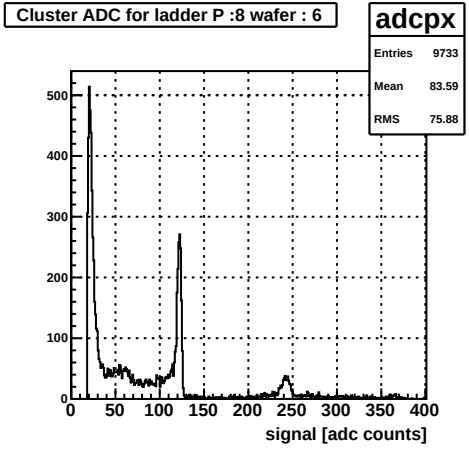

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8900
Mean 61.43
RMS 51.74
signal [adc counts]

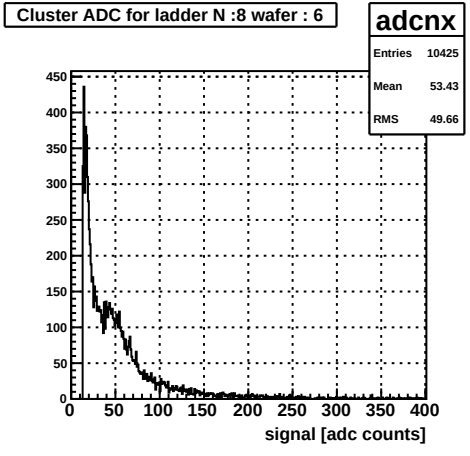

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 6838
Mean 51.72
RMS 48.6
signal [adc counts]

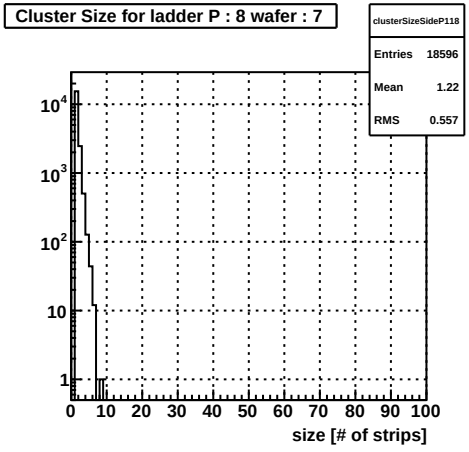

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9733
Mean 1.194
RMS 0.4837
size [# of strips]

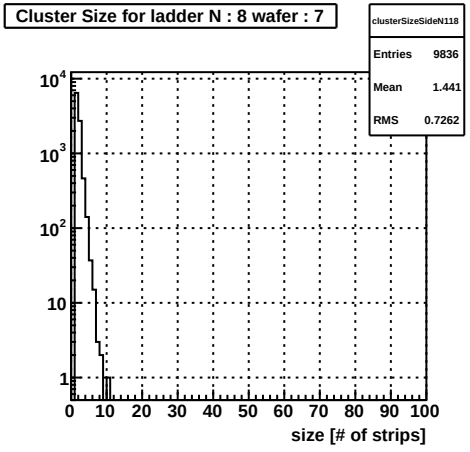

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 10425
Mean 1.433
RMS 0.7777
size [# of strips]

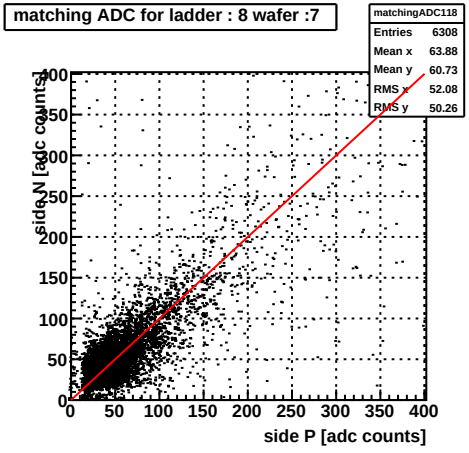

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2001
Mean x 62.58
Mean y 57.61
RMS x 62.06
RMS y 51.41
side N [adc counts]
side P [adc counts]

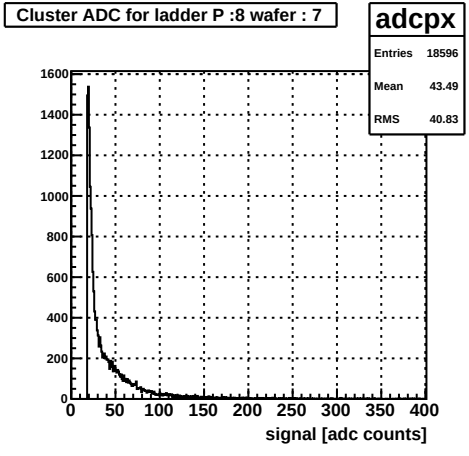

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9733
Mean 83.59
RMS 75.88
signal [adc counts]

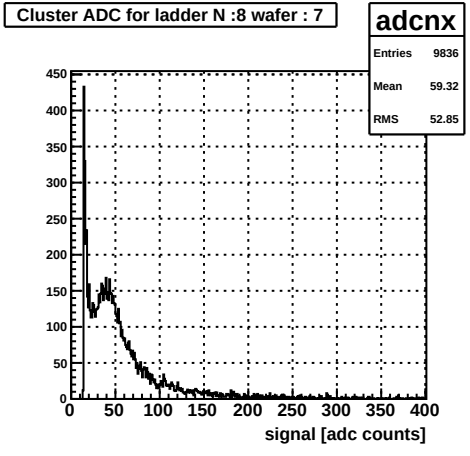

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 10425
Mean 53.43
RMS 49.66
signal [adc counts]

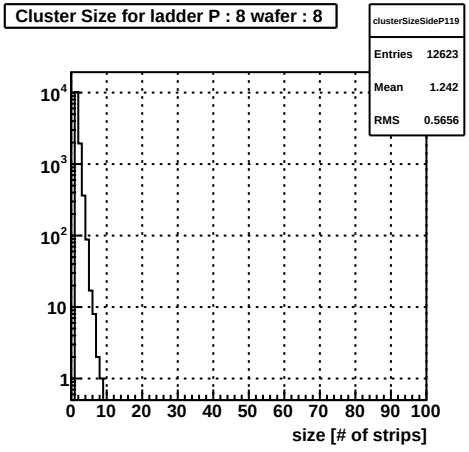

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 18596
Mean 1.22
RMS 0.557
size [# of strips]

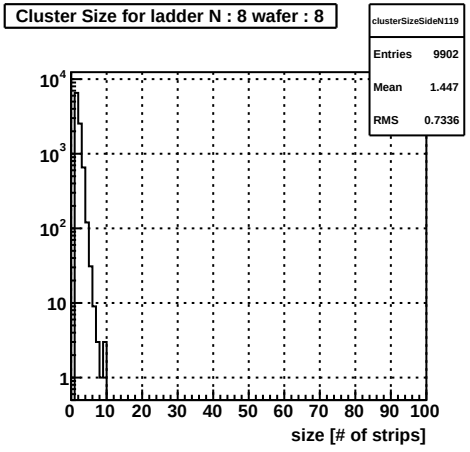

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 9836
Mean 1.441
RMS 0.7262
size [# of strips]

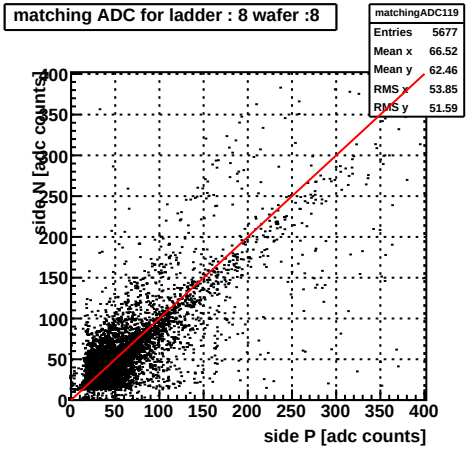

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 6308
Mean x 63.88
Mean y 60.73
RMS x 52.08
RMS y 50.26
side N [adc counts]
side P [adc counts]

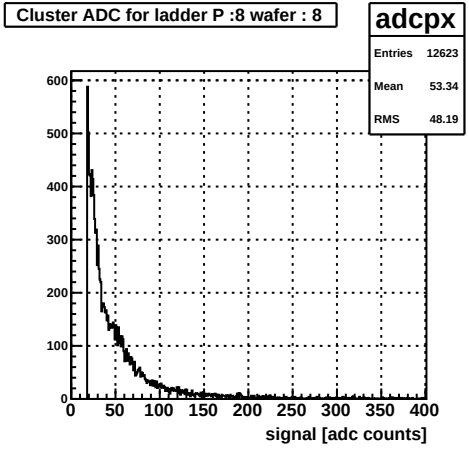

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 18596
Mean 43.49
RMS 40.83
signal [adc counts]

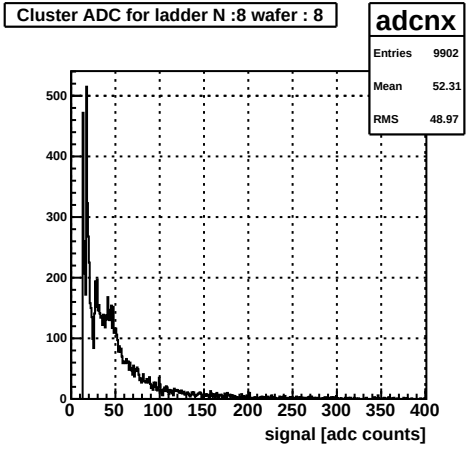

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 9836
Mean 59.32
RMS 52.85
signal [adc counts]

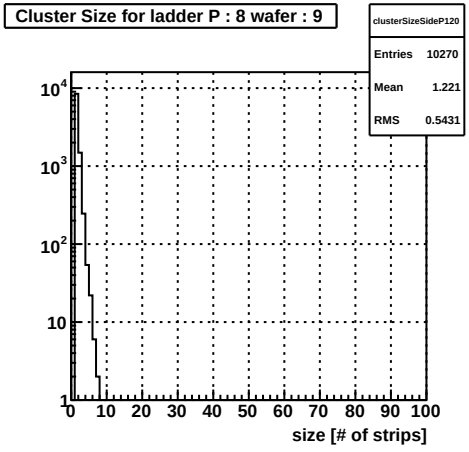

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 12623
Mean 1.242
RMS 0.5656
size [# of strips]

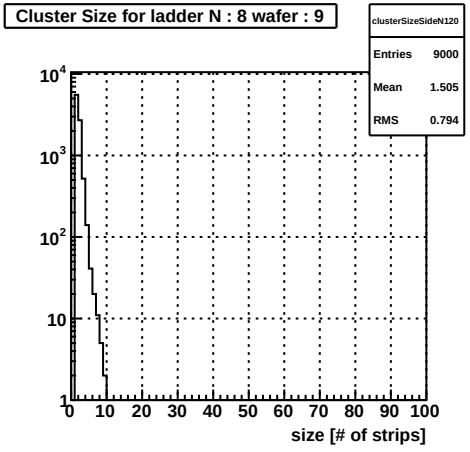

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 9902
Mean 1.447
RMS 0.7336
size [# of strips]

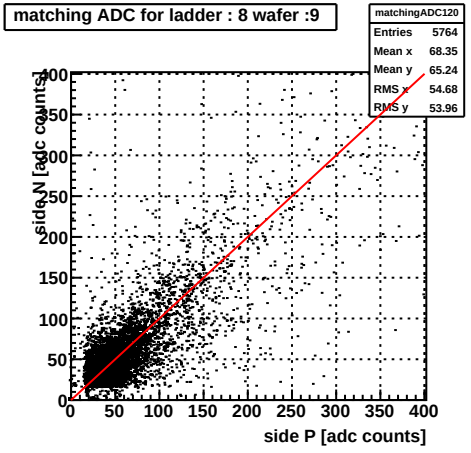

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 5677
Mean x 66.52
Mean y 62.46
RMS x 53.85
RMS y 51.59
side N [adc counts]
side P [adc counts]

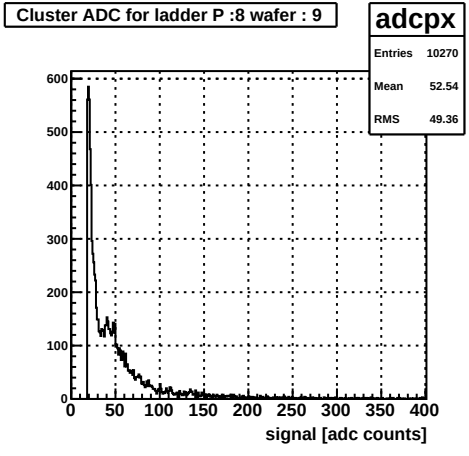

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 12623
Mean 53.34
RMS 48.19
signal [adc counts]

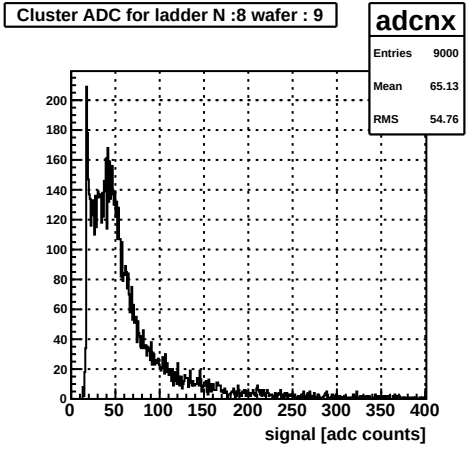

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 9902
Mean 52.31
RMS 48.97
signal [adc counts]

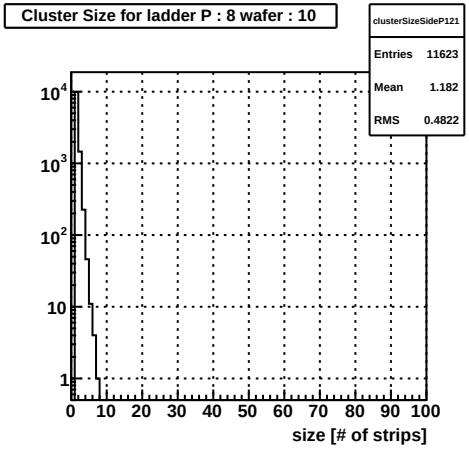

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 10270
Mean 1.221
RMS 0.5431
size [# of strips]

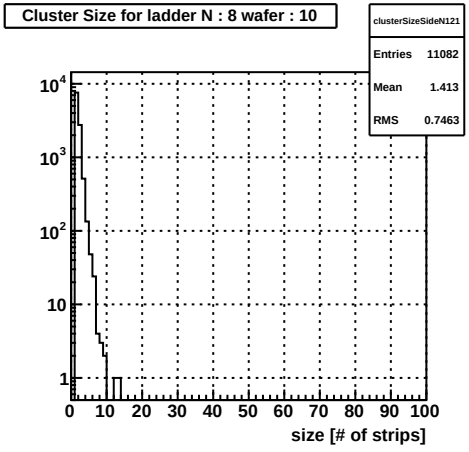

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 9000
Mean 1.505
RMS 0.794
size [# of strips]

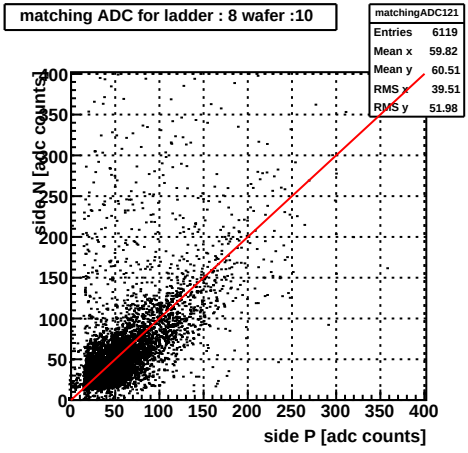

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 5764
Mean x 68.35
Mean y 65.24
RMS x 54.68
RMS y 53.96
side N [adc counts]
side P [adc counts]

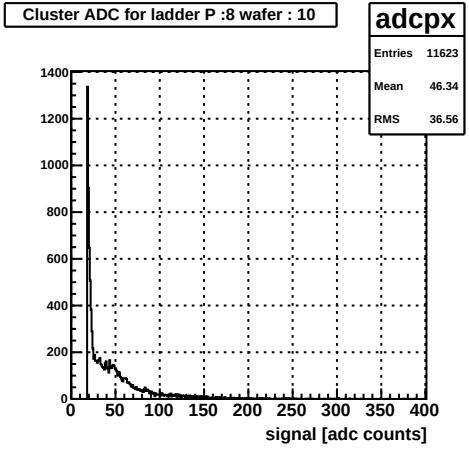

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 10270
Mean 52.54
RMS 49.36
signal [adc counts]

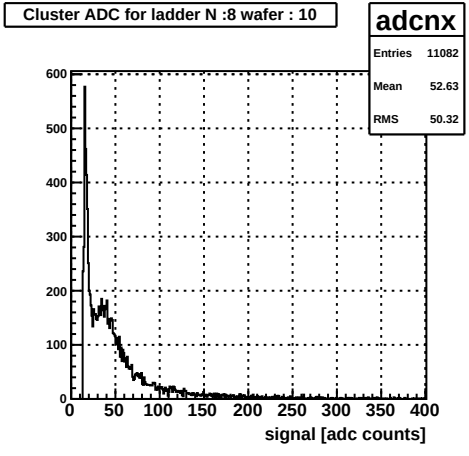

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 9000
Mean 65.13
RMS 54.76
signal [adc counts]

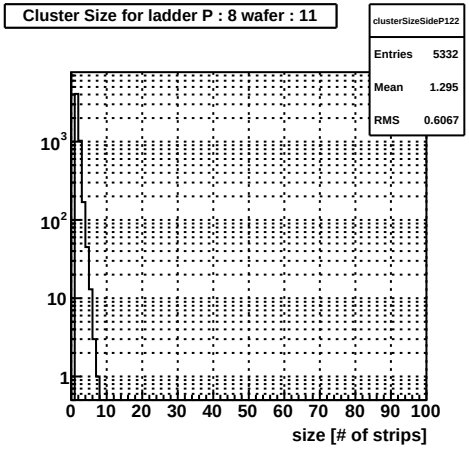

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 11623
Mean 1.182
RMS 0.4822
size [# of strips]

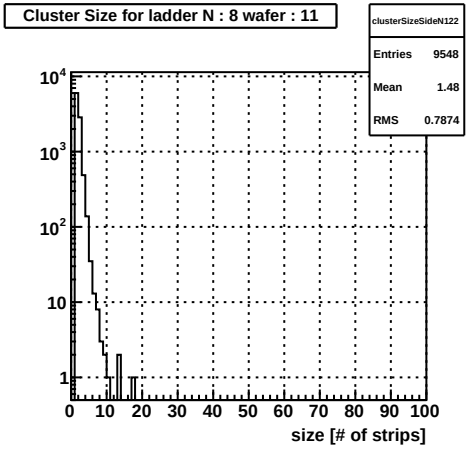

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 11082
Mean 1.413
RMS 0.7463
size [# of strips]

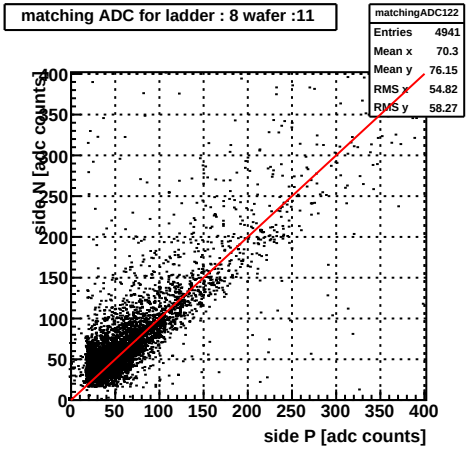

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 6119
Mean x 59.82
Mean y 60.51
RMS x 39.51
RMS y 51.98
side N [adc counts]
side P [adc counts]

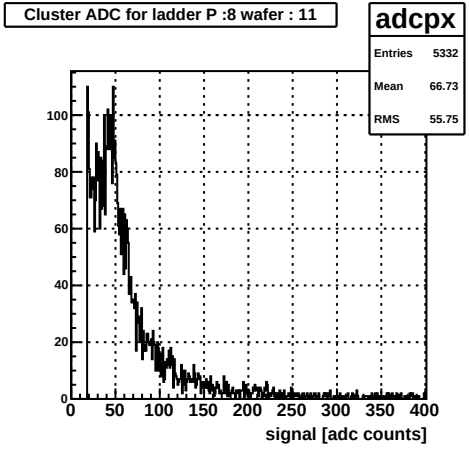

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 11623
Mean 46.34
RMS 36.56
signal [adc counts]

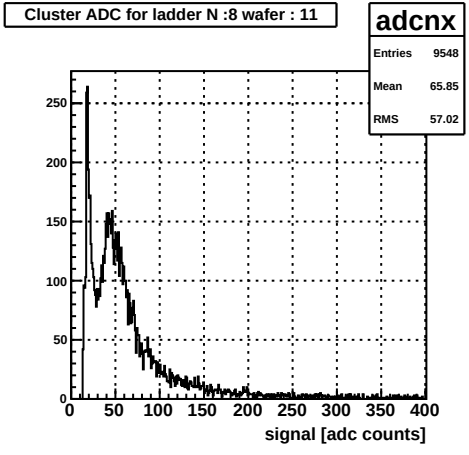

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 11082
Mean 52.63
RMS 50.32
signal [adc counts]

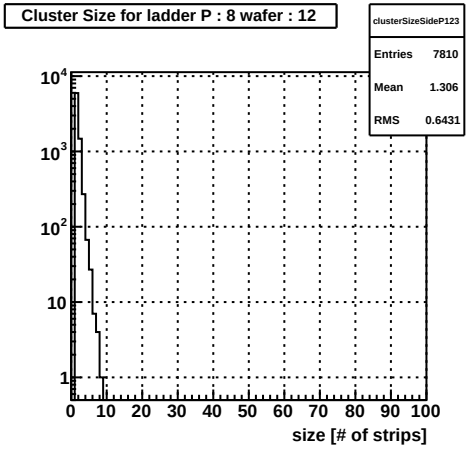

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 5332
Mean 1.295
RMS 0.6067
size [# of strips]

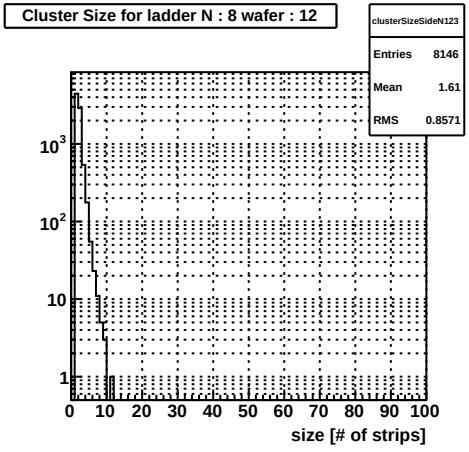

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 9548
Mean 1.48
RMS 0.7874
size [# of strips]

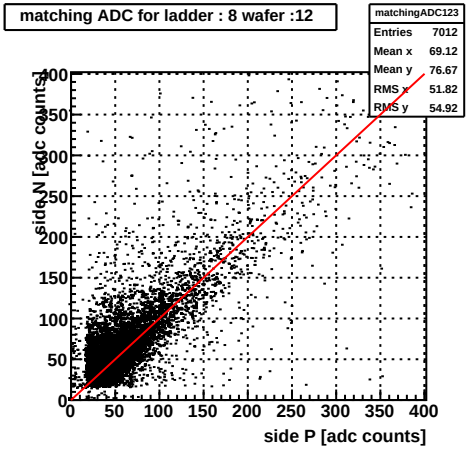

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 4941
Mean x 70.3
Mean y 76.15
RMS x 54.82
RMS y 58.27
side N [adc counts]
side P [adc counts]

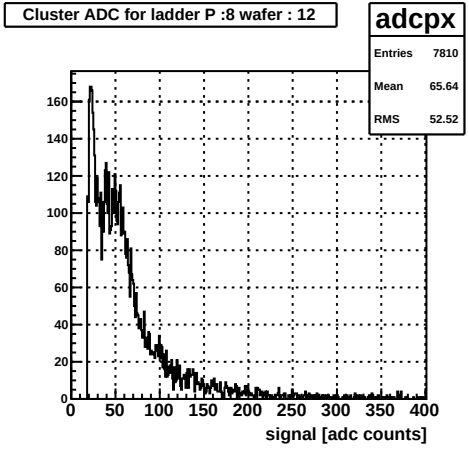

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 5332
Mean 66.73
RMS 55.75
signal [adc counts]

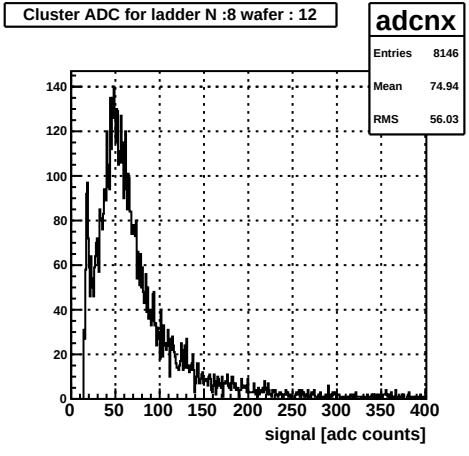

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 9548
Mean 65.85
RMS 57.02
signal [adc counts]

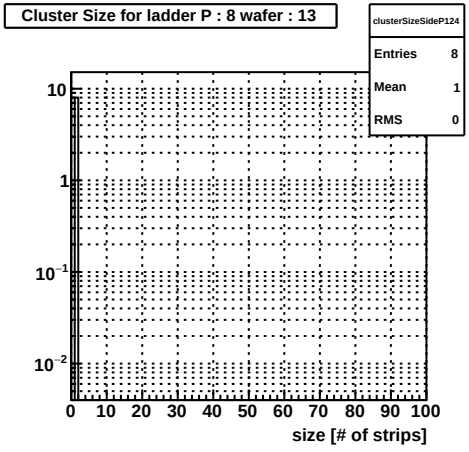

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 7810
Mean 1.306
RMS 0.6431
size [# of strips]

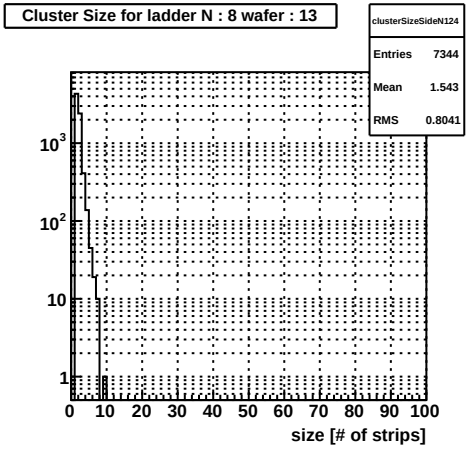

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 8146
Mean 1.61
RMS 0.8571
size [# of strips]

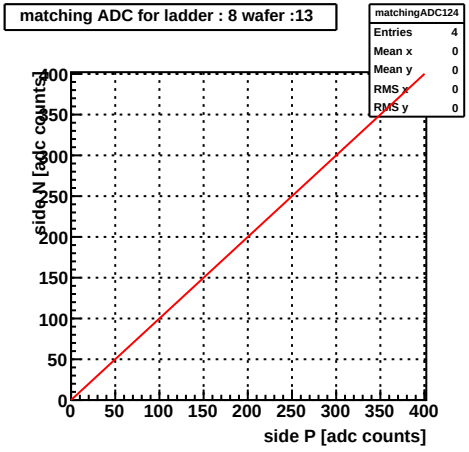

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 7012
Mean x 69.12
Mean y 76.67
RMS x 51.82
RMS y 54.92
side N [adc counts]
side P [adc counts]

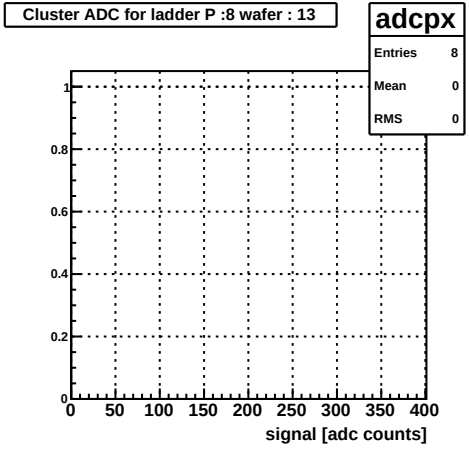

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 7810
Mean 65.64
RMS 52.52
signal [adc counts]

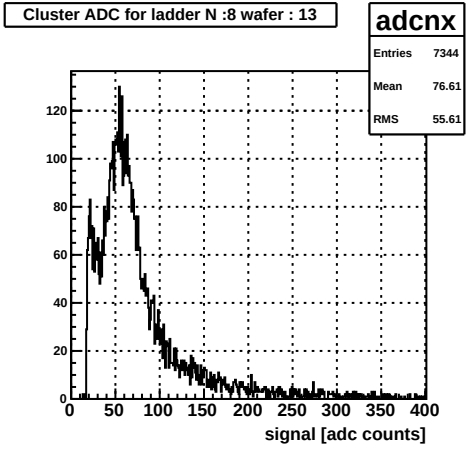

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 8146
Mean 74.94
RMS 56.03
signal [adc counts]

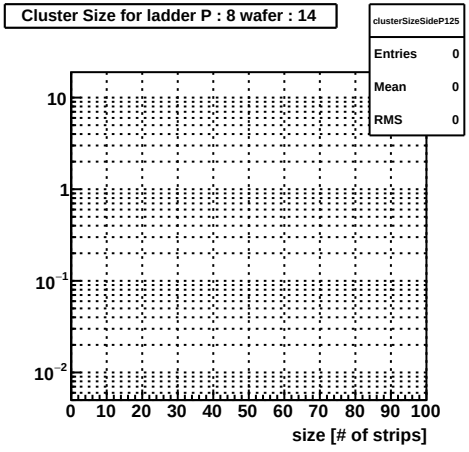

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 8
Mean 1
RMS 0
size [# of strips]

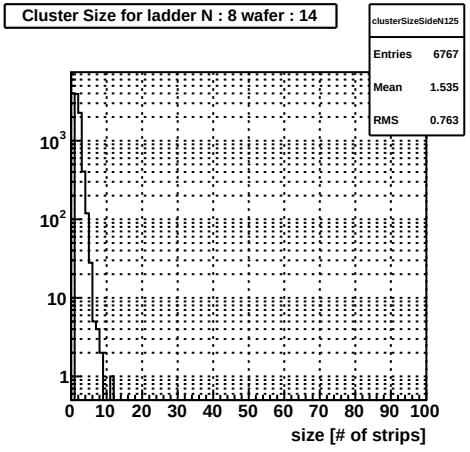

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 7344
Mean 1.543
RMS 0.8041
size [# of strips]

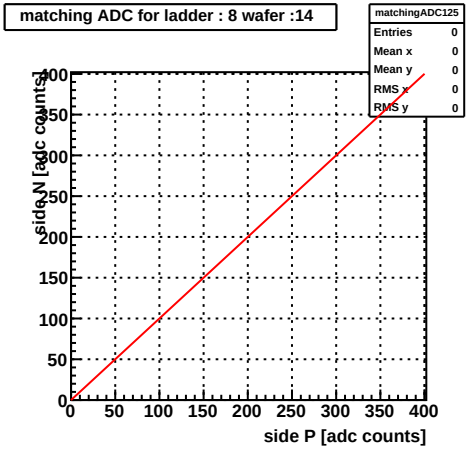

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

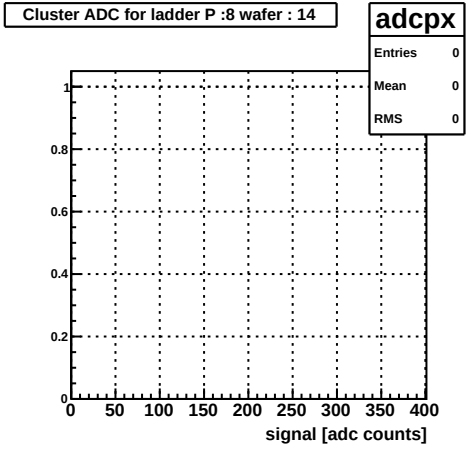

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

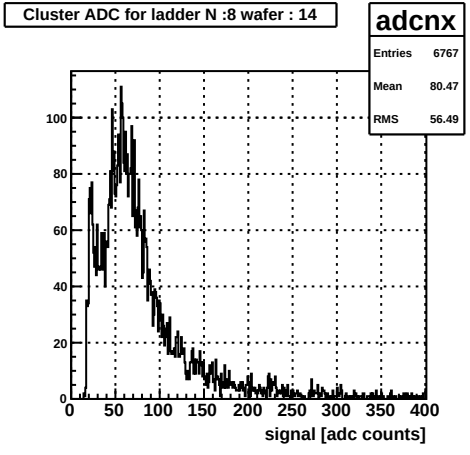

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 7344
Mean 76.61
RMS 55.61
signal [adc counts]

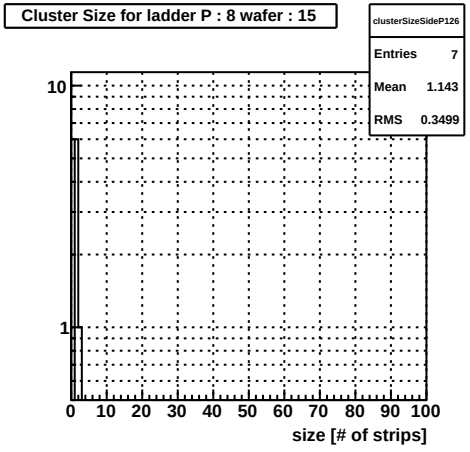

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

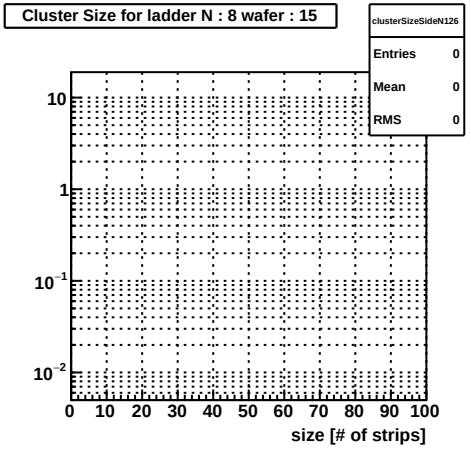

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 6767
Mean 1.535
RMS 0.763
size [# of strips]

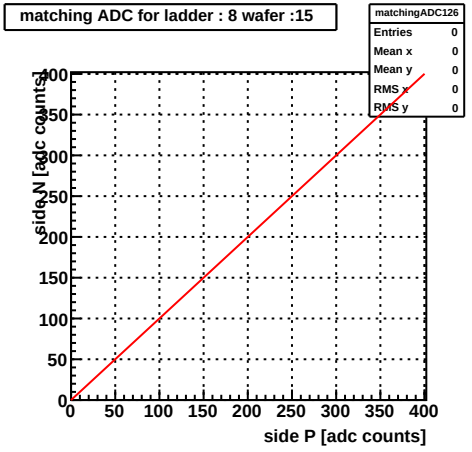

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

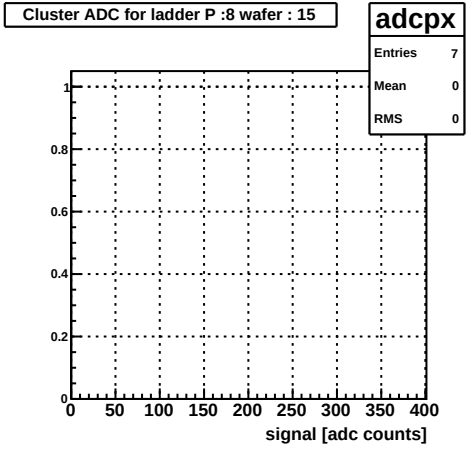

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

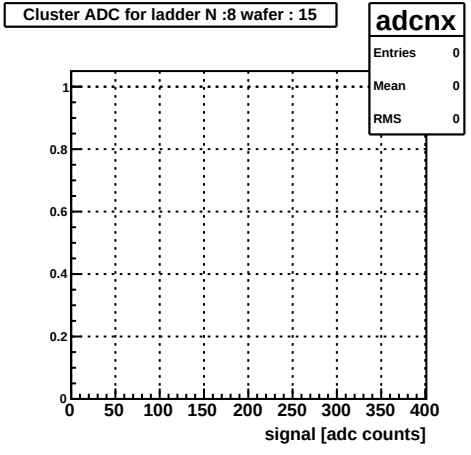

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 6767
Mean 80.47
RMS 56.49
signal [adc counts]

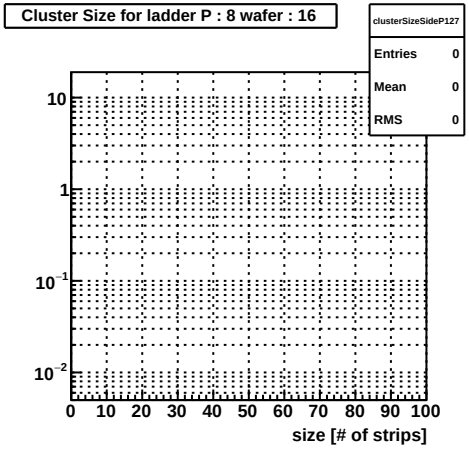

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

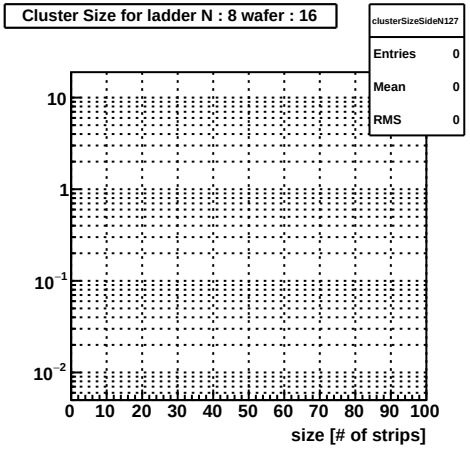

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

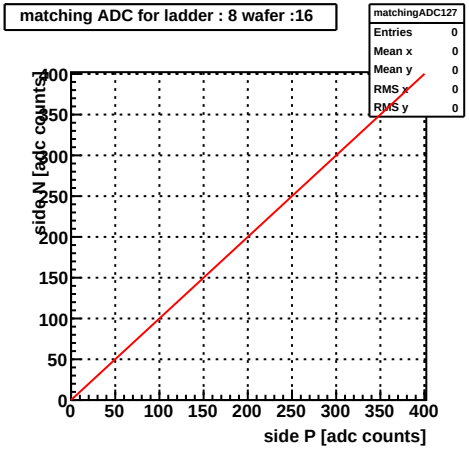

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

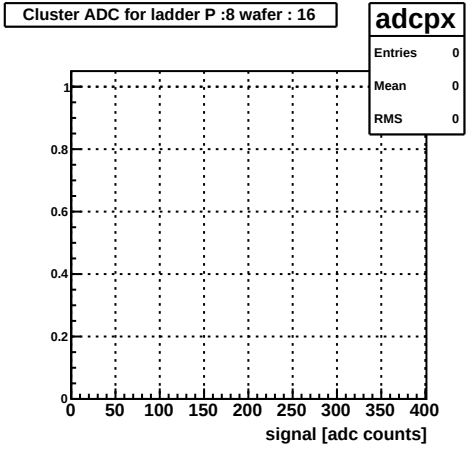

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

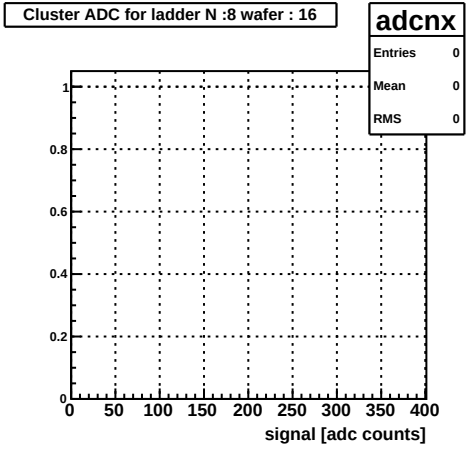

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

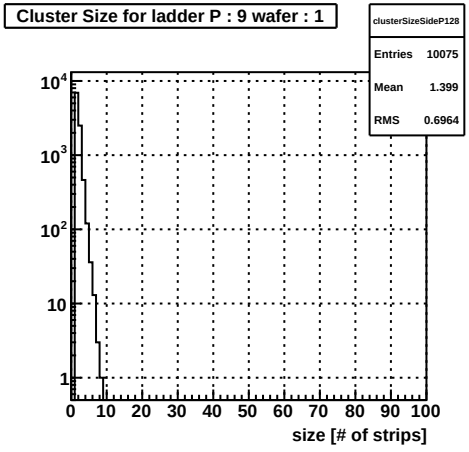

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

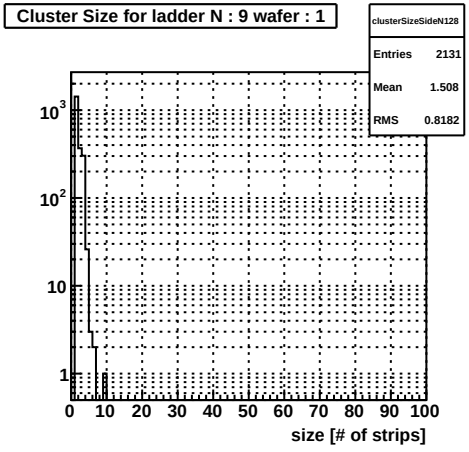

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

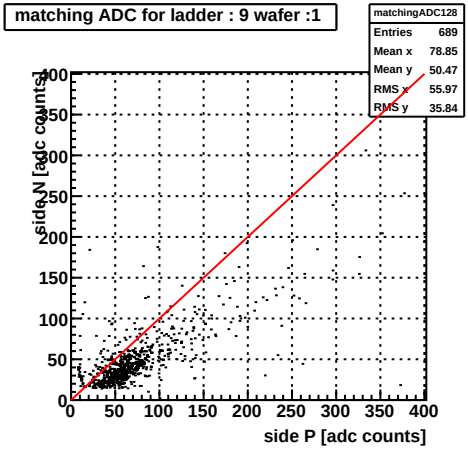

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

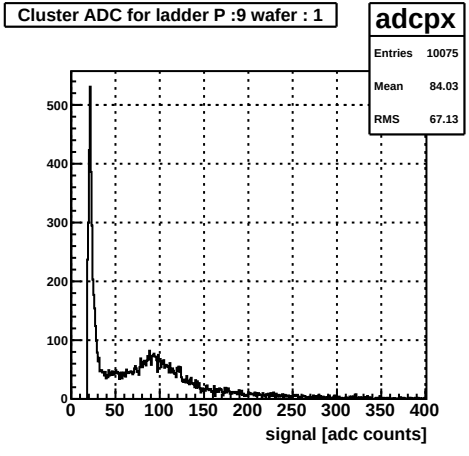

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

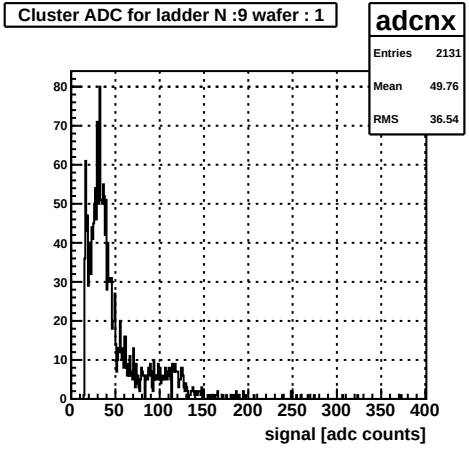

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

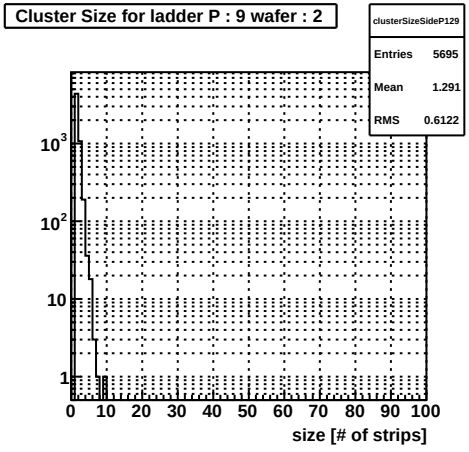

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10075
Mean 1.399
RMS 0.6964
size [# of strips]

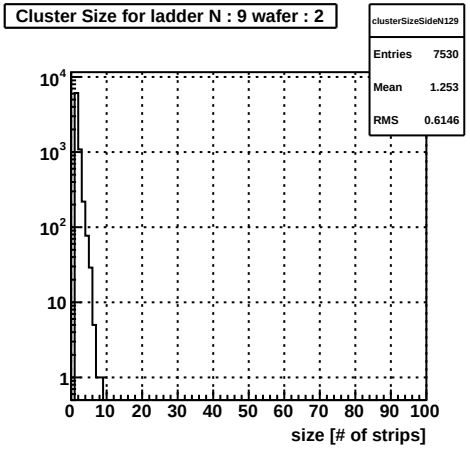

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2131
Mean 1.508
RMS 0.8182
size [# of strips]

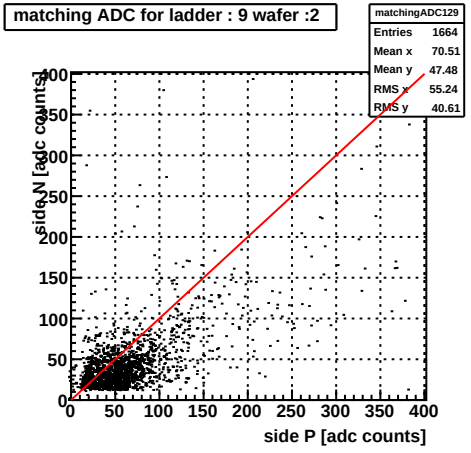

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 689
Mean x 78.85
Mean y 50.47
RMS x 55.97
RMS y 35.84
side N [adc counts]
side P [adc counts]

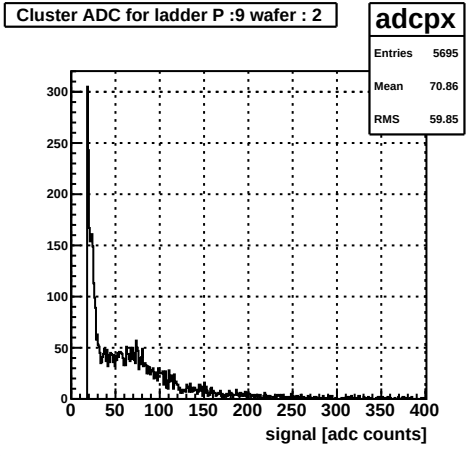

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10075
Mean 84.03
RMS 67.13
signal [adc counts]

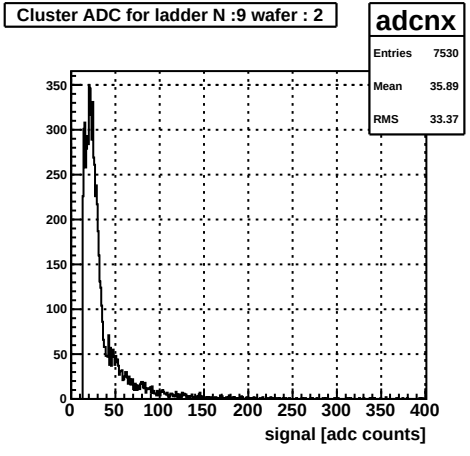

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2131
Mean 49.76
RMS 36.54
signal [adc counts]

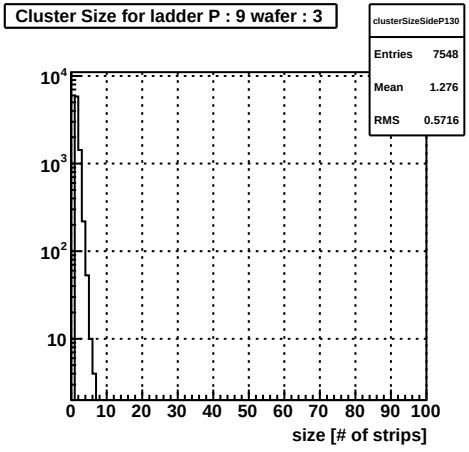

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 5695
Mean 1.291
RMS 0.6122
size [# of strips]

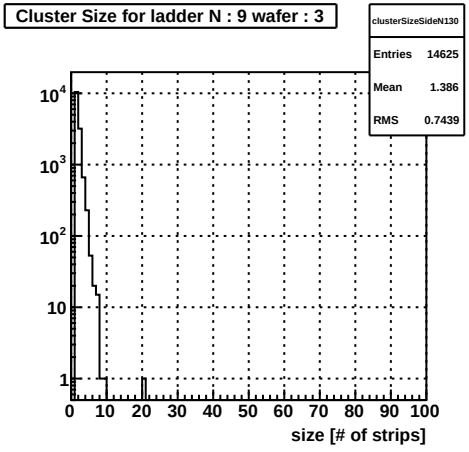

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 7530
Mean 1.253
RMS 0.6146
size [# of strips]

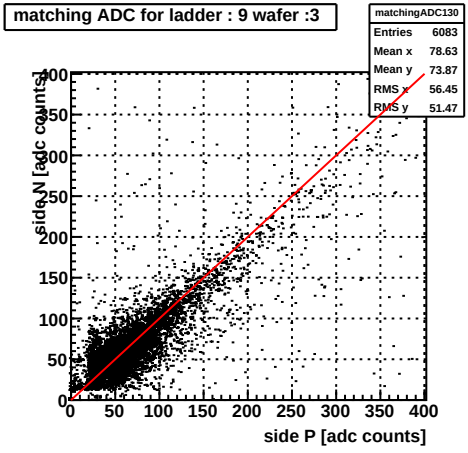

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 1664
Mean x 70.51
Mean y 47.48
RMS x 55.24
RMS y 40.61
side N [adc counts]
side P [adc counts]

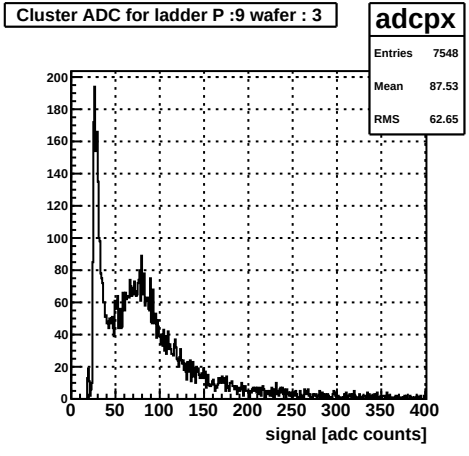

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 5695
Mean 70.86
RMS 59.85
signal [adc counts]

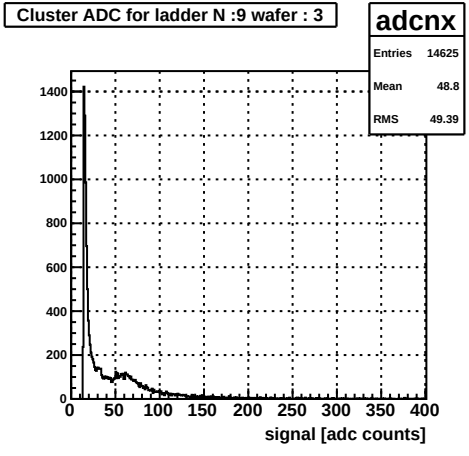

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 7530
Mean 35.89
RMS 33.37
signal [adc counts]

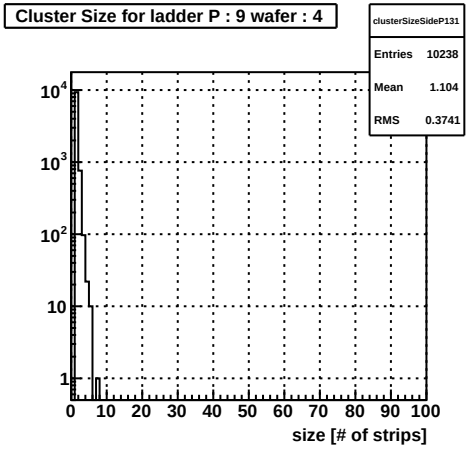

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 7548
Mean 1.276
RMS 0.5716
size [# of strips]

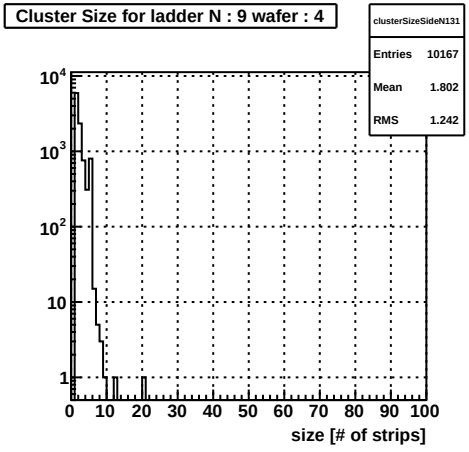

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 14625
Mean 1.386
RMS 0.7439
size [# of strips]

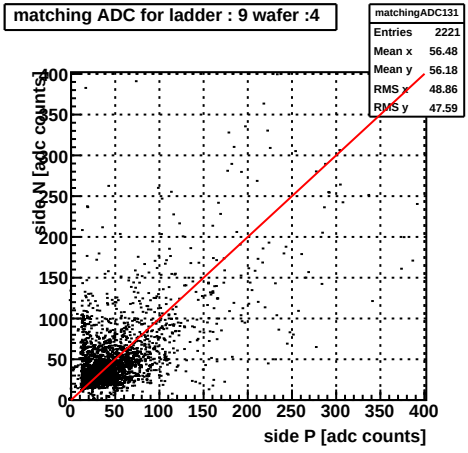

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 6083
Mean x 78.63
Mean y 73.87
RMS x 56.45
RMS y 51.47
side N [adc counts]
side P [adc counts]

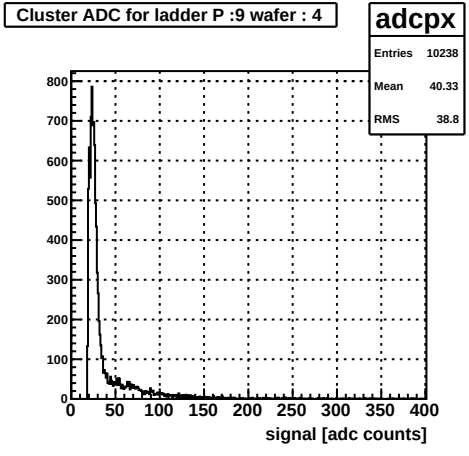

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 7548
Mean 87.53
RMS 62.65
signal [adc counts]

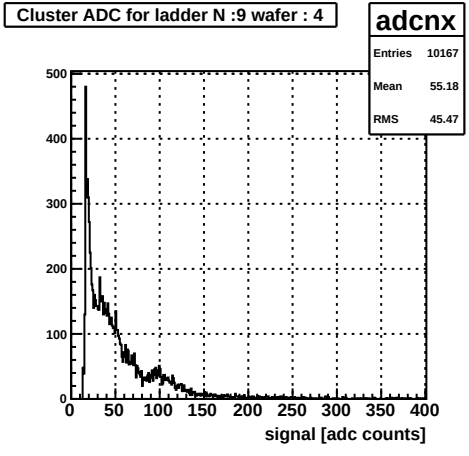

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 14625
Mean 48.8
RMS 49.39
signal [adc counts]

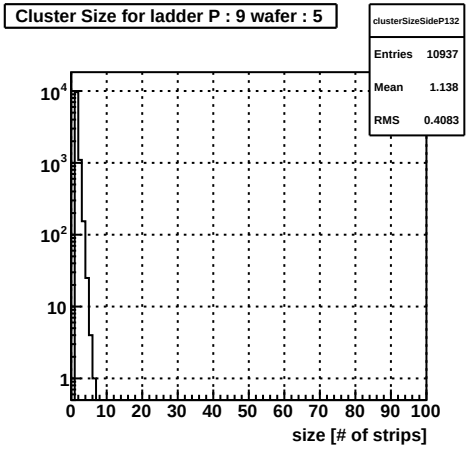

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10238
Mean 1.104
RMS 0.3741
size [# of strips]

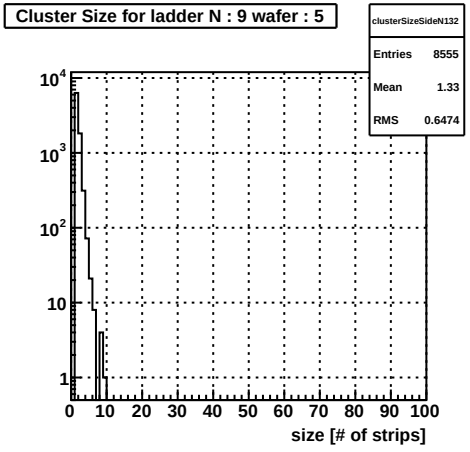

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 10167
Mean 1.802
RMS 1.242
size [# of strips]

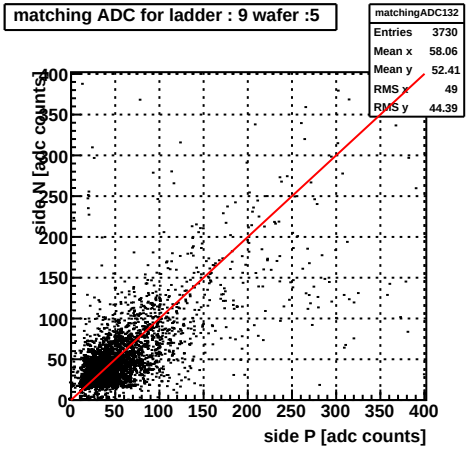

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 2221
Mean x 56.48
Mean y 56.18
RMS x 48.86
RMS y 47.59
side N [adc counts]
side P [adc counts]

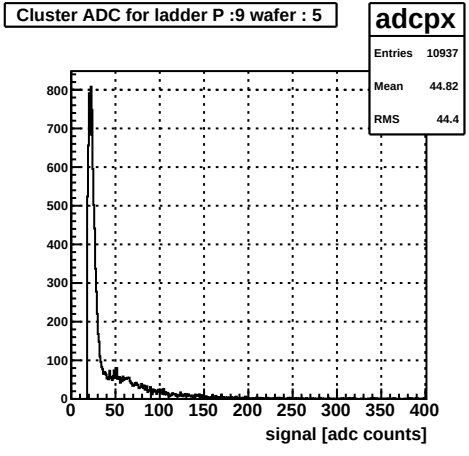

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10238
Mean 40.33
RMS 38.8
signal [adc counts]

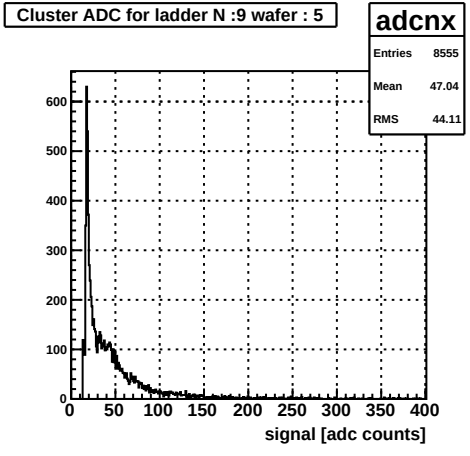

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 10167
Mean 55.18
RMS 45.47
signal [adc counts]

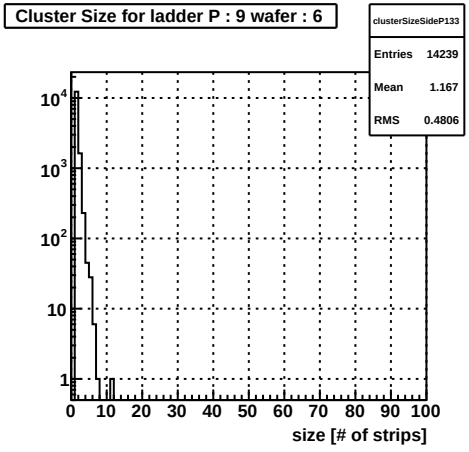

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 10937
Mean 1.138
RMS 0.4083
size [# of strips]

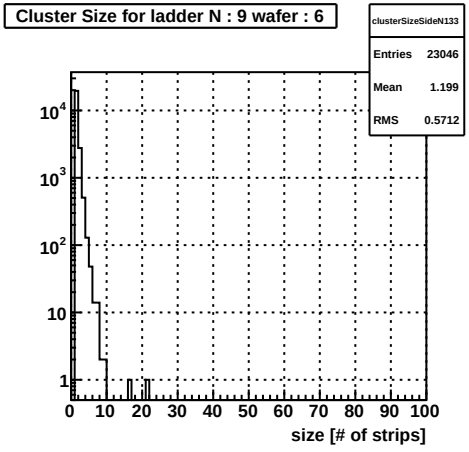

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 8555
Mean 1.33
RMS 0.6474
size [# of strips]

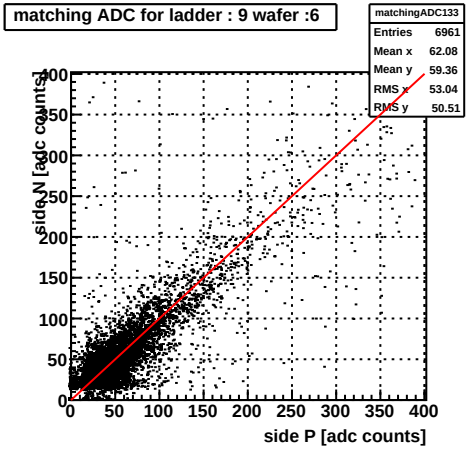

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 3730
Mean x 58.06
Mean y 52.41
RMS x 49
RMS y 44.39
side N [adc counts]
side P [adc counts]

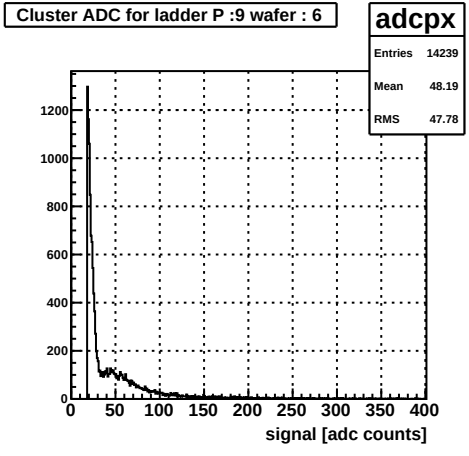

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 10937
Mean 44.82
RMS 44.4
signal [adc counts]

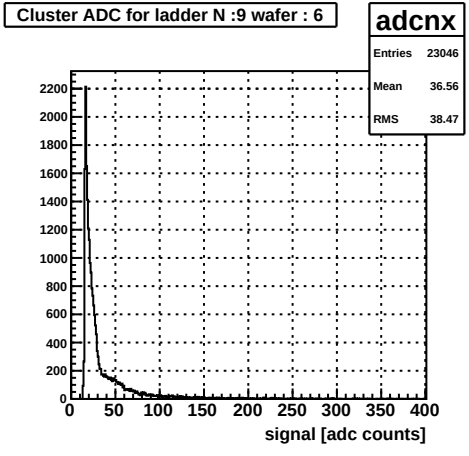

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 8555
Mean 47.04
RMS 44.11
signal [adc counts]

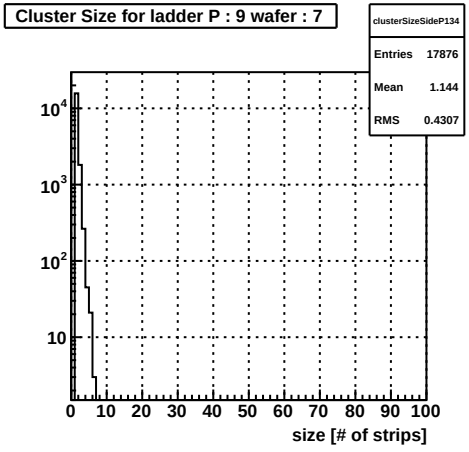

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14239
Mean 1.167
RMS 0.4806
size [# of strips]

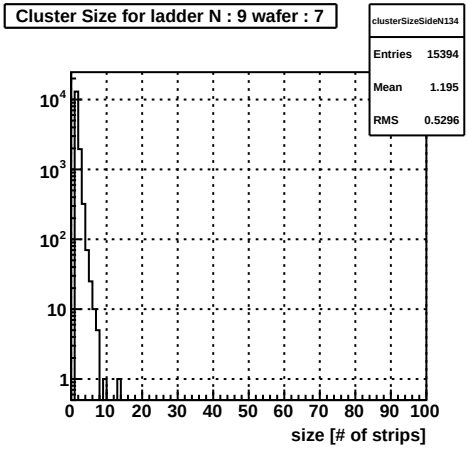

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 23046
Mean 1.199
RMS 0.5712
size [# of strips]

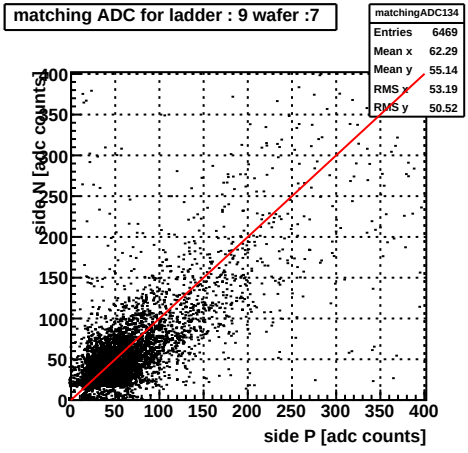

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 6961
Mean x 62.08
Mean y 59.36
RMS x 53.04
RMS y 50.51
side N [adc counts]
side P [adc counts]

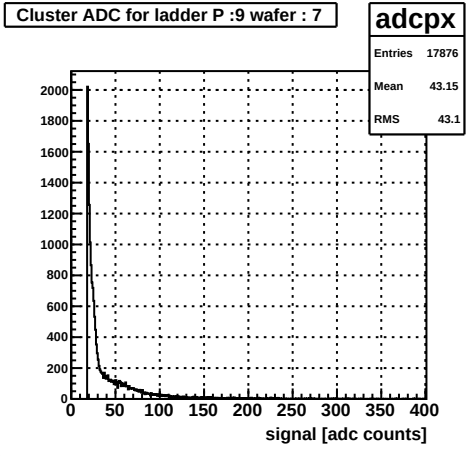

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14239
Mean 48.19
RMS 47.78
signal [adc counts]

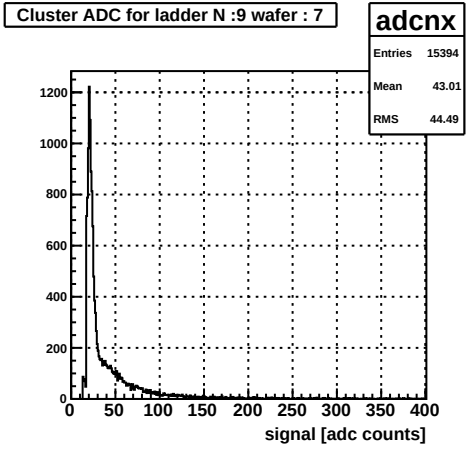

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 23046
Mean 36.56
RMS 38.47
signal [adc counts]

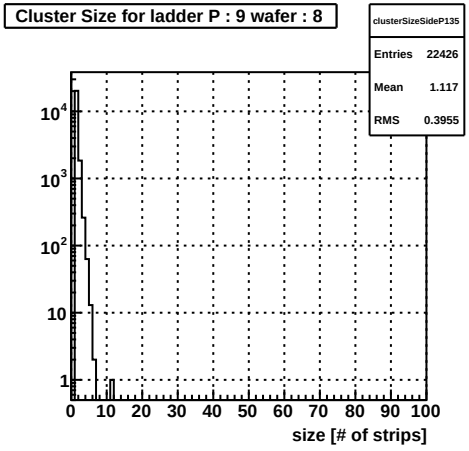

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 17876
Mean 1.144
RMS 0.4307
size [# of strips]

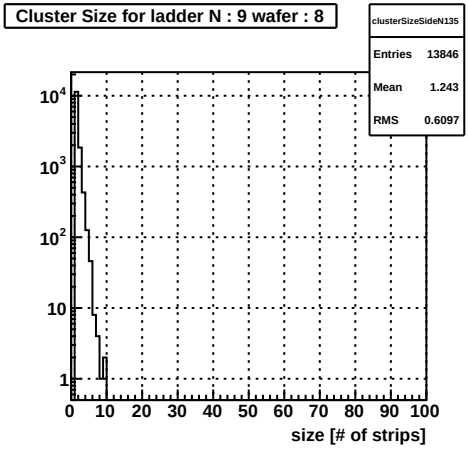

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 15394
Mean 1.195
RMS 0.5296
size [# of strips]

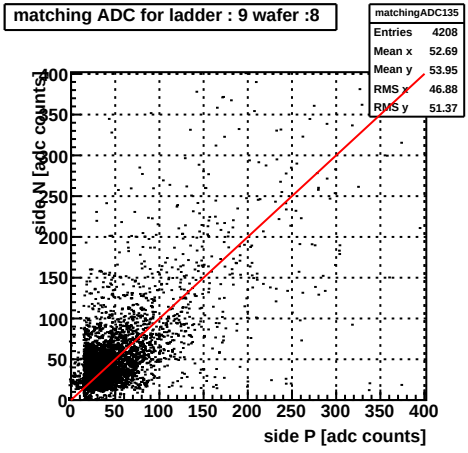

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 6469
Mean x 62.29
Mean y 55.14
RMS x 53.19
RMS y 50.52
side N [adc counts]
side P [adc counts]

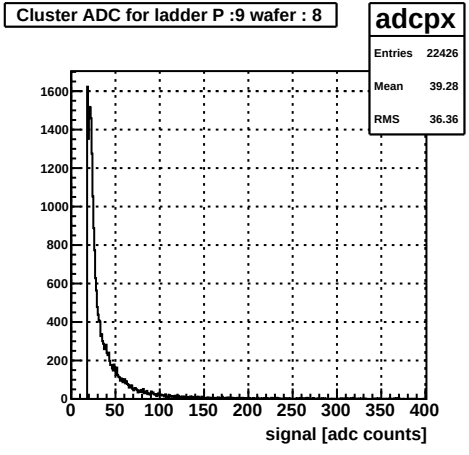

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 17876
Mean 43.15
RMS 43.1
signal [adc counts]

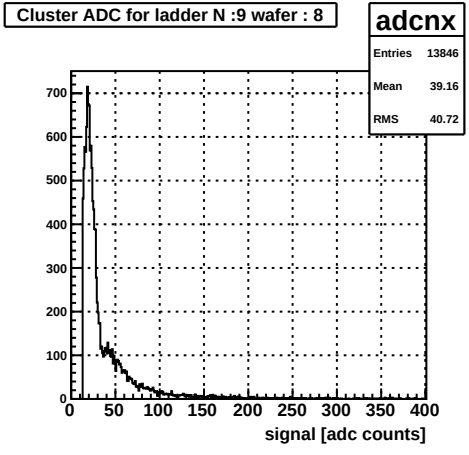

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 15394
Mean 43.01
RMS 44.49
signal [adc counts]

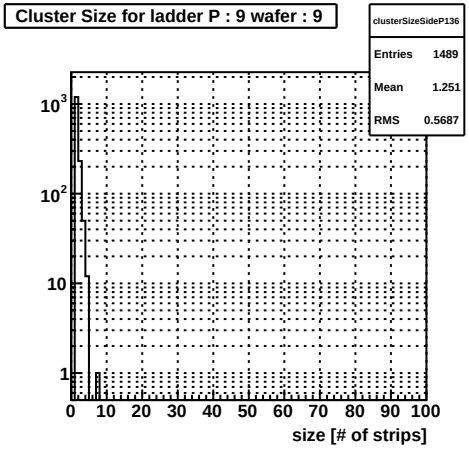

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 22426
Mean 1.117
RMS 0.3955
size [# of strips]

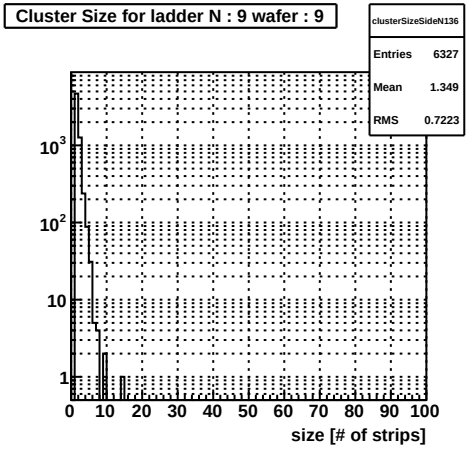

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 13846
Mean 1.243
RMS 0.6097
size [# of strips]

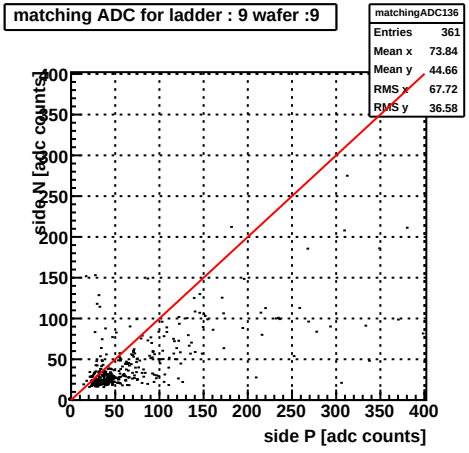

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4208
Mean x 52.69
Mean y 53.95
RMS x 46.88
RMS y 51.37
side N [adc counts]
side P [adc counts]

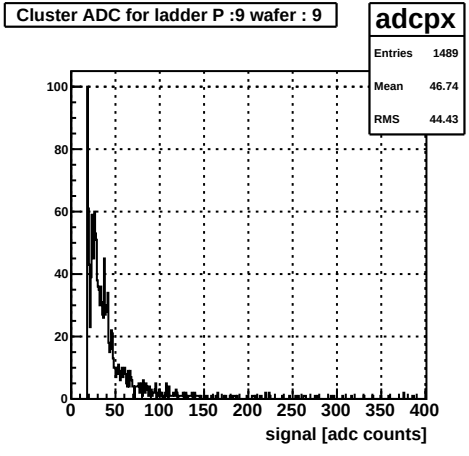

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 22426
Mean 39.28
RMS 36.36
signal [adc counts]

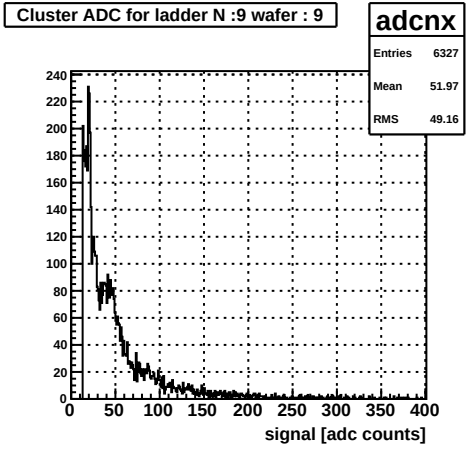

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 13846
Mean 39.16
RMS 40.72
signal [adc counts]

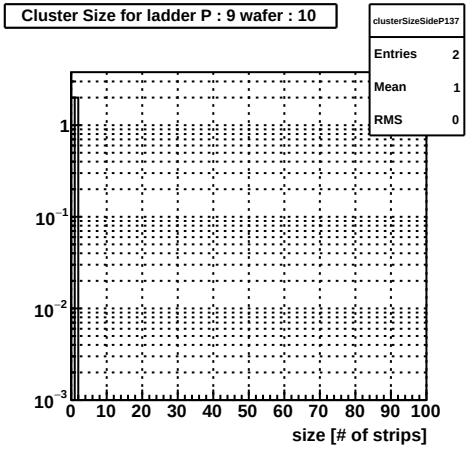

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1489
Mean 1.251
RMS 0.5687
size [# of strips]

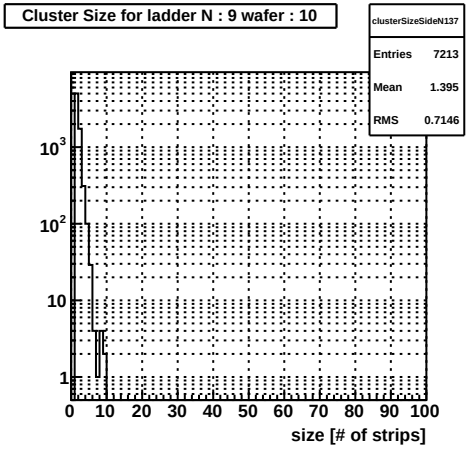

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 6327
Mean 1.349
RMS 0.7223
size [# of strips]

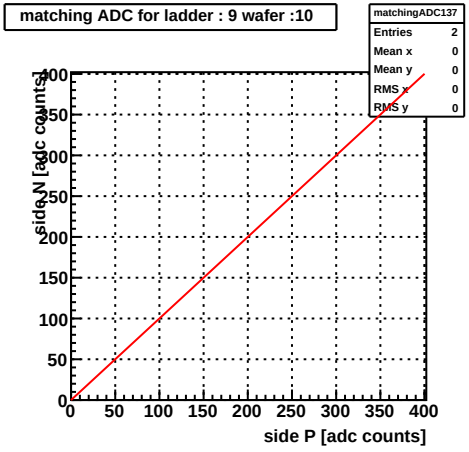

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 361
Mean x 73.84
Mean y 44.66
RMS x 67.72
RMS y 36.58
side N [adc counts]
side P [adc counts]

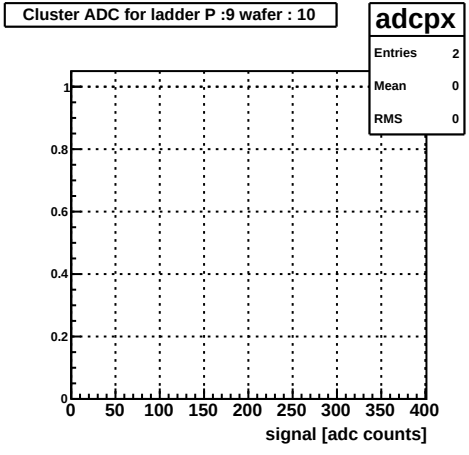

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1489
Mean 46.74
RMS 44.43
signal [adc counts]

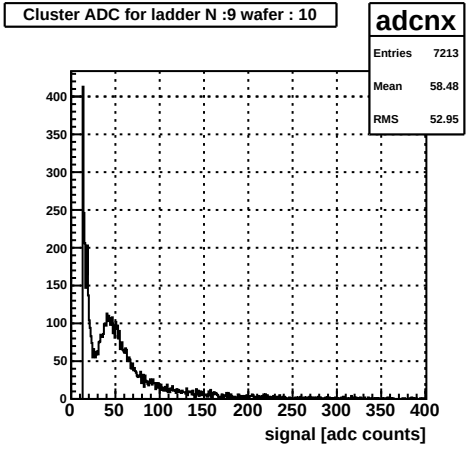

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 6327
Mean 51.97
RMS 49.16
signal [adc counts]

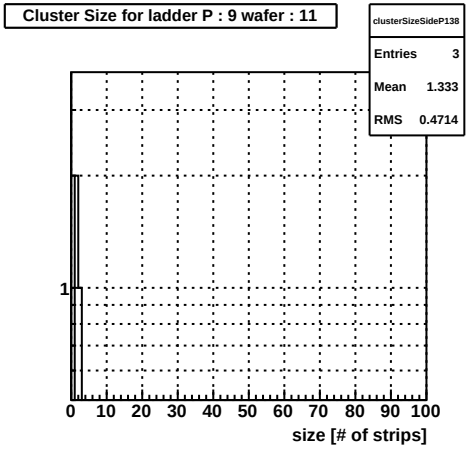

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

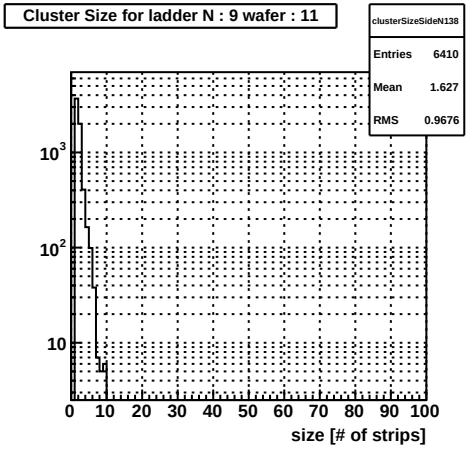

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 7213
Mean 1.395
RMS 0.7146
size [# of strips]

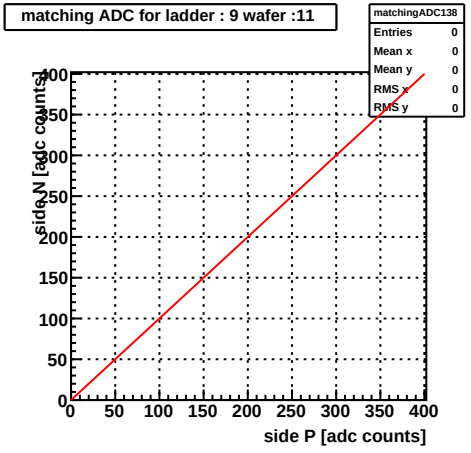

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

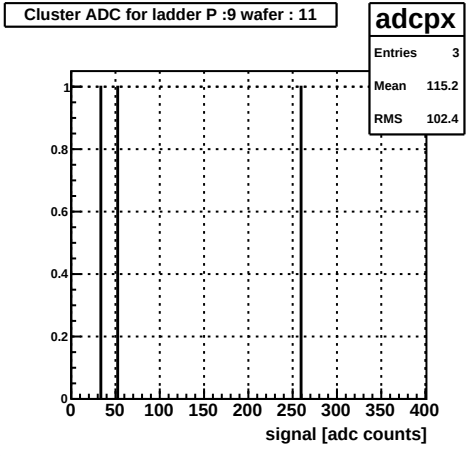

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

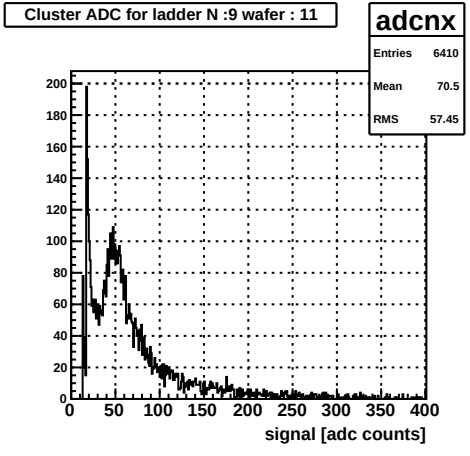

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 7213
Mean 58.48
RMS 52.95
signal [adc counts]

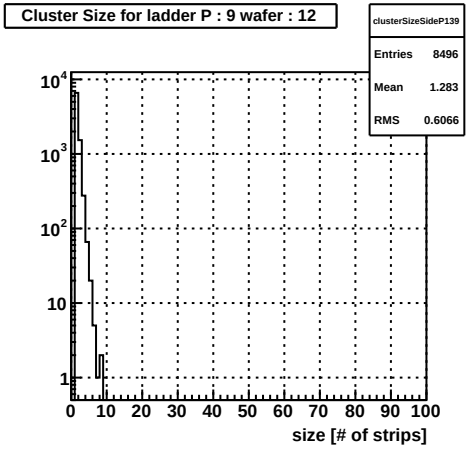

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

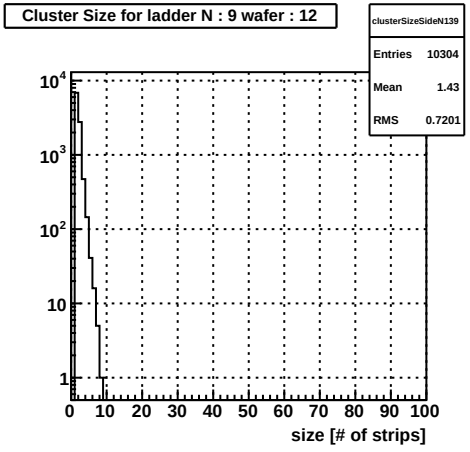

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 6410
Mean 1.627
RMS 0.9676
size [# of strips]

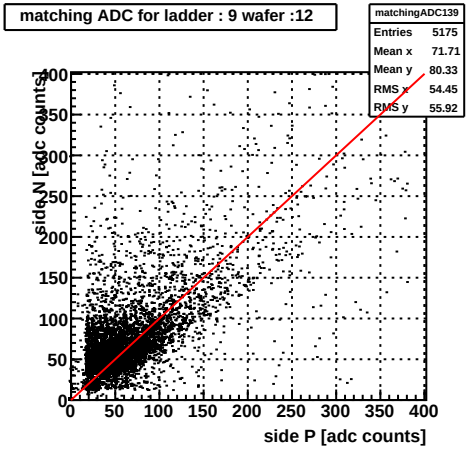

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

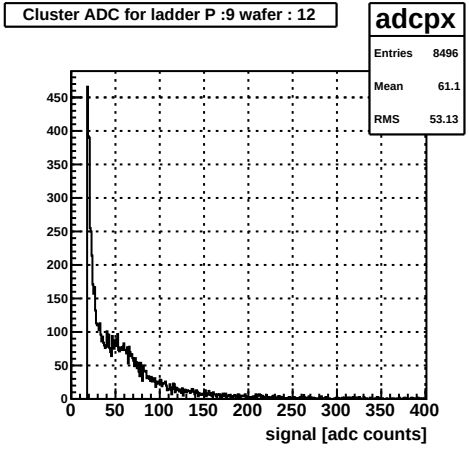

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 3
Mean 115.2
RMS 102.4
signal [adc counts]

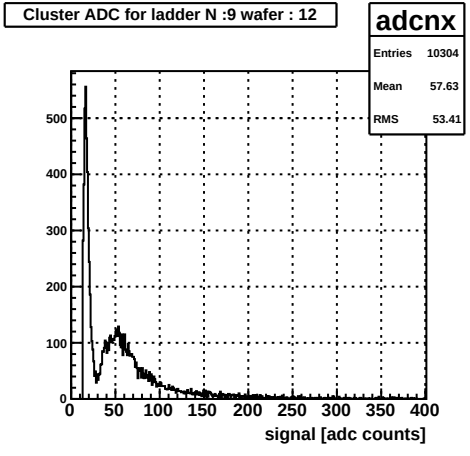

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 6410
Mean 70.5
RMS 57.45
signal [adc counts]

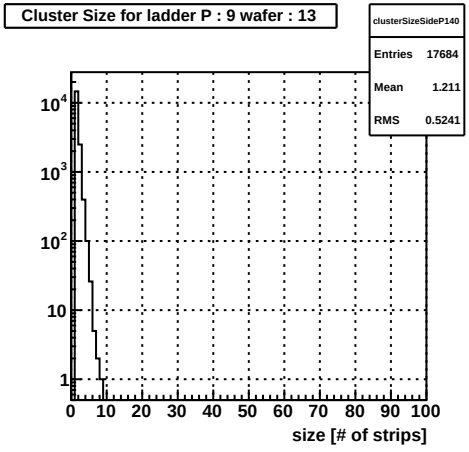

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 8496
Mean 1.283
RMS 0.6066
size [# of strips]

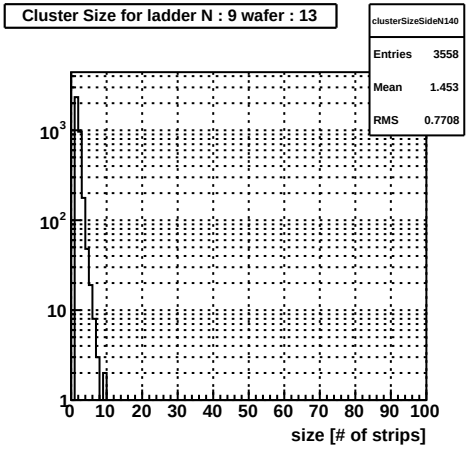

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 10304
Mean 1.43
RMS 0.7201
size [# of strips]

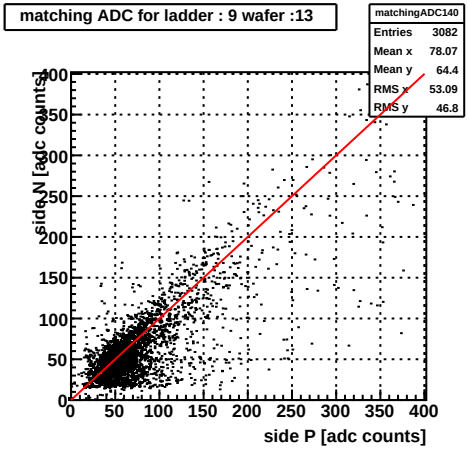

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 5175
Mean x 71.71
Mean y 80.33
RMS x 54.45
RMS y 55.92
side N [adc counts]
side P [adc counts]

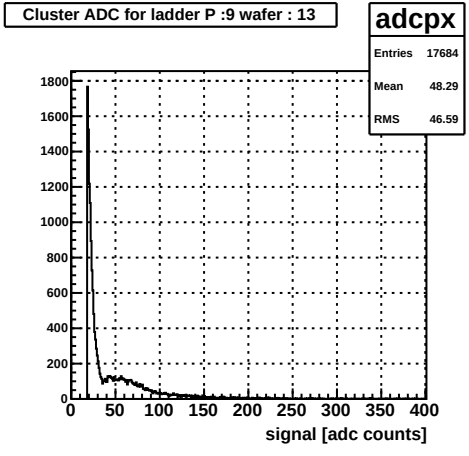

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 8496
Mean 61.1
RMS 53.13
signal [adc counts]

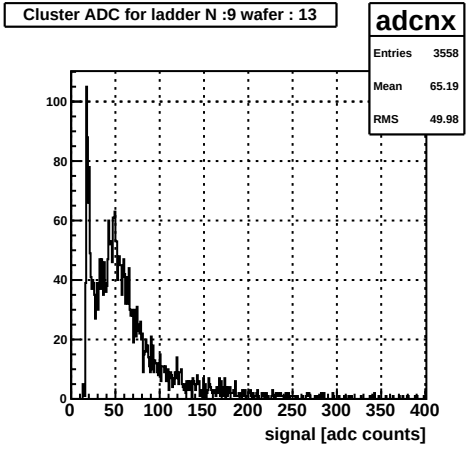

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 10304
Mean 57.63
RMS 53.41
signal [adc counts]

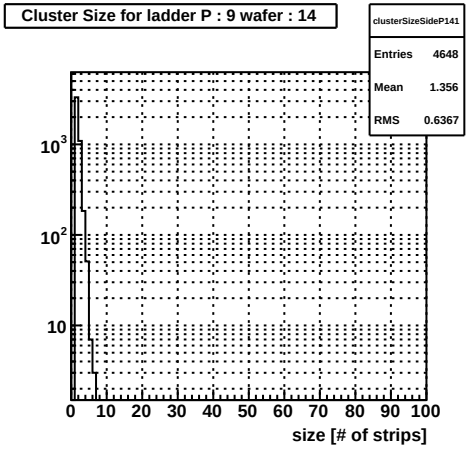

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 17684
Mean 1.211
RMS 0.5241
size [# of strips]

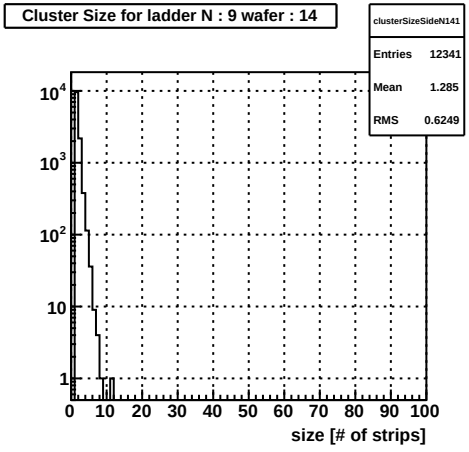

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 3558
Mean 1.453
RMS 0.7708
size [# of strips]

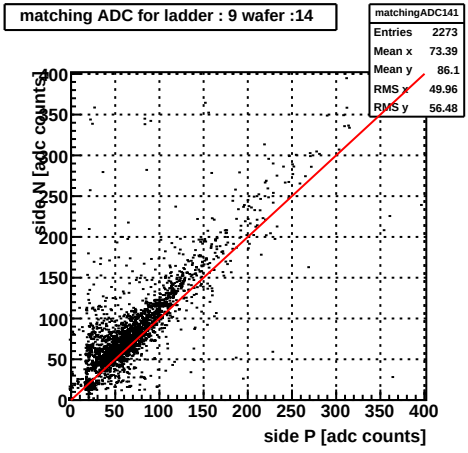

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 3082
Mean x 78.07
Mean y 64.4
RMS x 53.09
RMS y 46.8
side N [adc counts]
side P [adc counts]

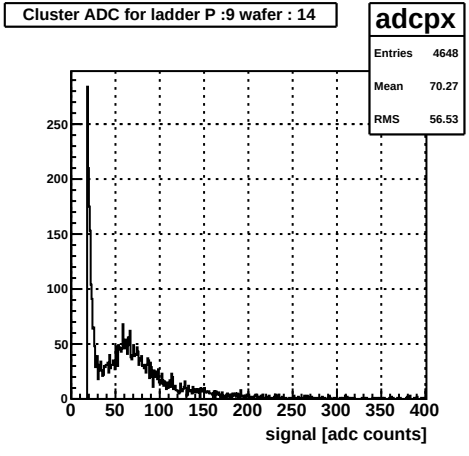

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 17684
Mean 48.29
RMS 46.59
signal [adc counts]

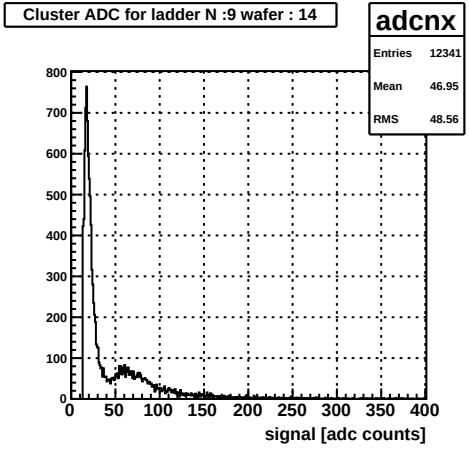

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 3558
Mean 65.19
RMS 49.98
signal [adc counts]

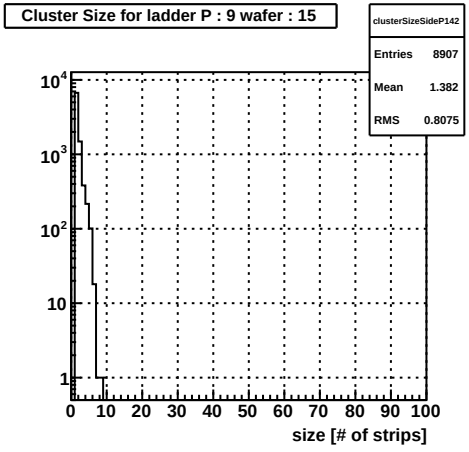

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4648
Mean 1.356
RMS 0.6367
size [# of strips]

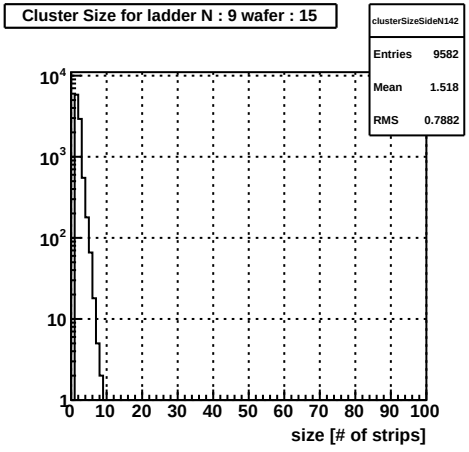

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 12341
Mean 1.285
RMS 0.6249
size [# of strips]

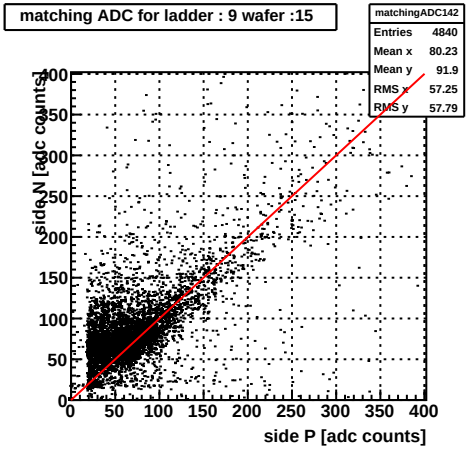

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 2273
Mean x 73.39
Mean y 86.1
RMS x 49.96
RMS y 56.48
side N [adc counts]
side P [adc counts]

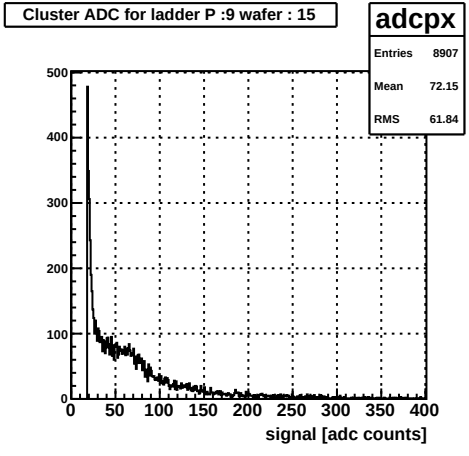

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4648
Mean 70.27
RMS 56.53
signal [adc counts]

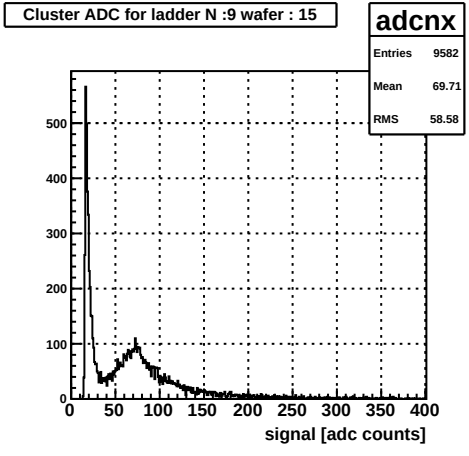

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 12341
Mean 46.95
RMS 48.56
signal [adc counts]

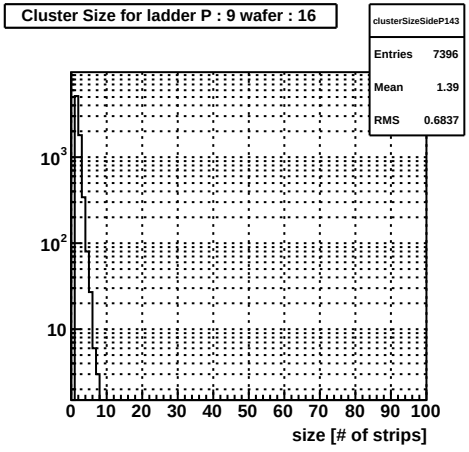

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 8907
Mean 1.382
RMS 0.8075
size [# of strips]

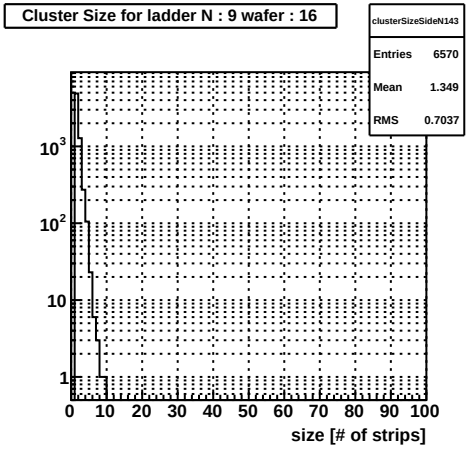

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 9582
Mean 1.518
RMS 0.7882
size [# of strips]

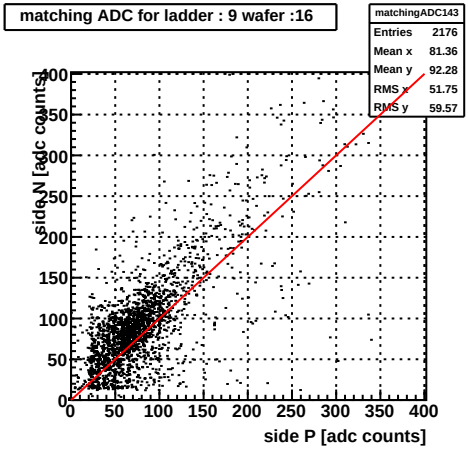

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 4840
Mean x 80.23
Mean y 91.9
RMS x 57.25
RMS y 57.79
side N [adc counts]
side P [adc counts]

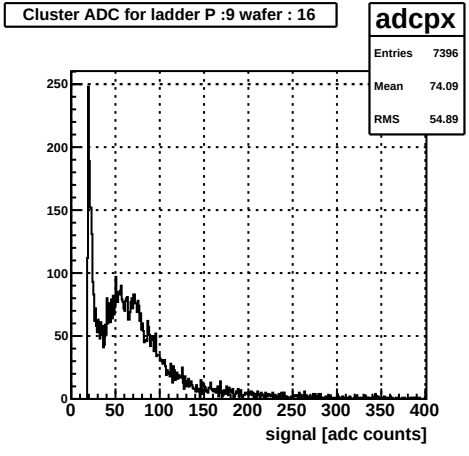

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 8907
Mean 72.15
RMS 61.84
signal [adc counts]

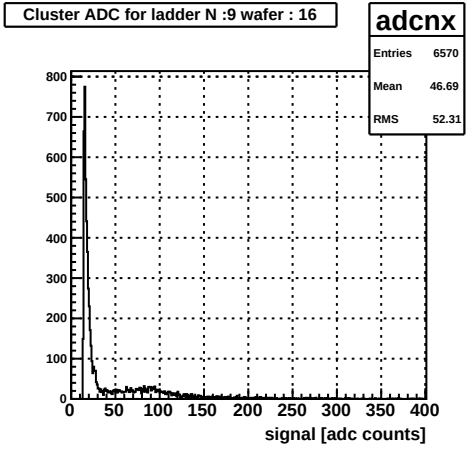

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 9582
Mean 69.71
RMS 58.58
signal [adc counts]

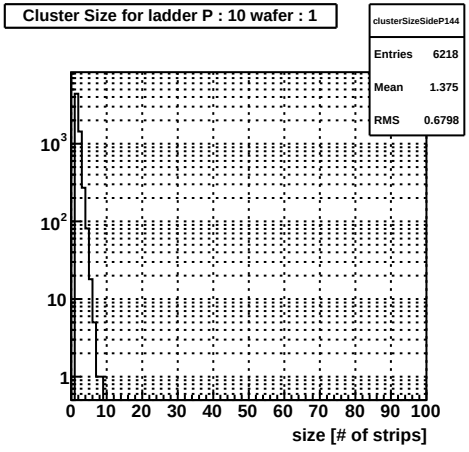

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 7396
Mean 1.39
RMS 0.6837
size [# of strips]

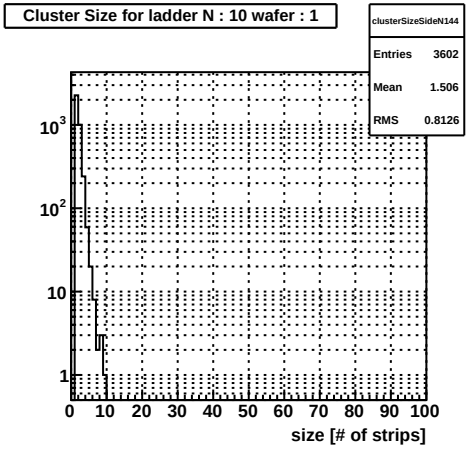

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6570
Mean 1.349
RMS 0.7037
size [# of strips]

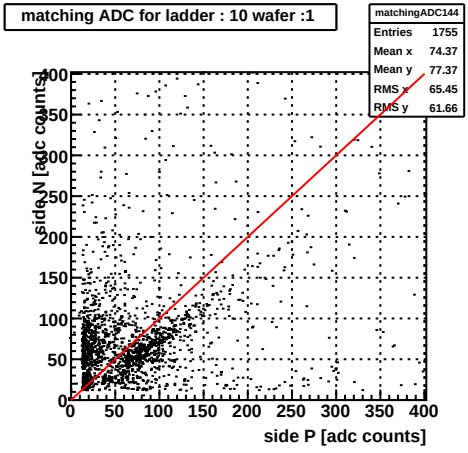

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2176
Mean x 81.36
Mean y 92.28
RMS x 51.75
RMS y 59.57
side N [adc counts]
side P [adc counts]

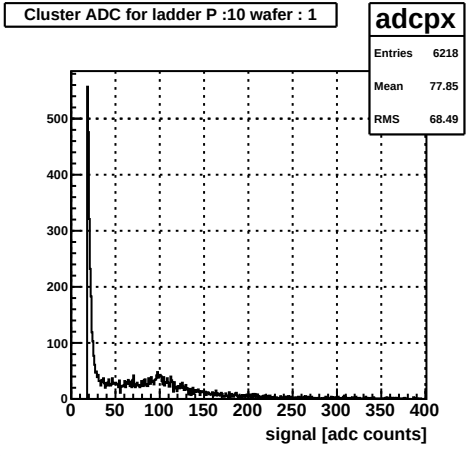

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 7396
Mean 74.09
RMS 54.89
signal [adc counts]

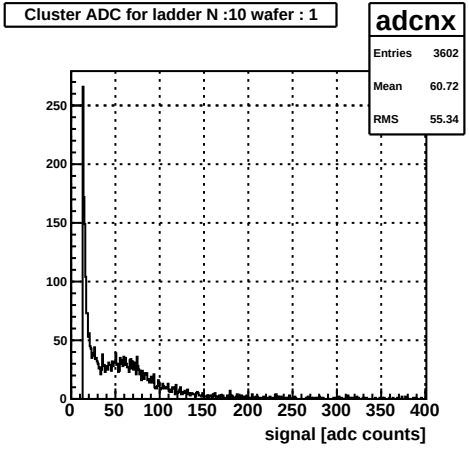

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6570
Mean 46.69
RMS 52.31
signal [adc counts]

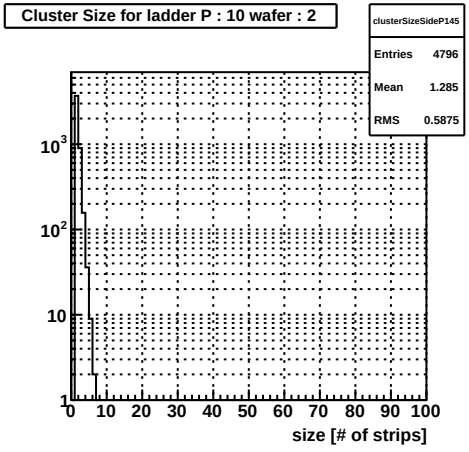

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 6218
Mean 1.375
RMS 0.6798
size [# of strips]

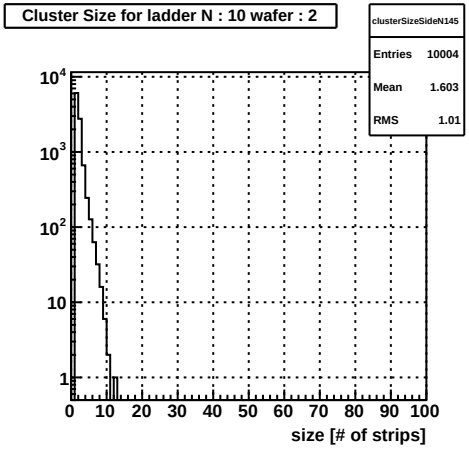

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3602
Mean 1.506
RMS 0.8126
size [# of strips]

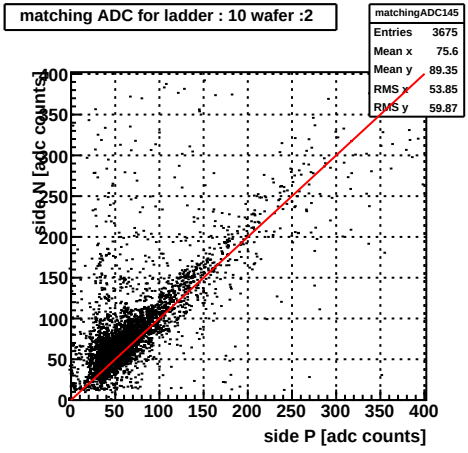

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1755
Mean x 74.37
Mean y 77.37
RMS x 65.45
RMS y 61.66
side N [adc counts]
side P [adc counts]

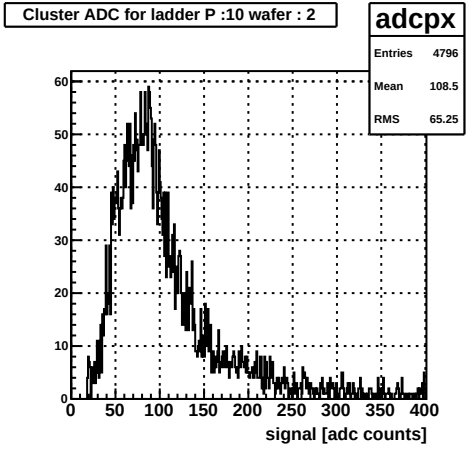

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 6218
Mean 77.85
RMS 68.49
signal [adc counts]

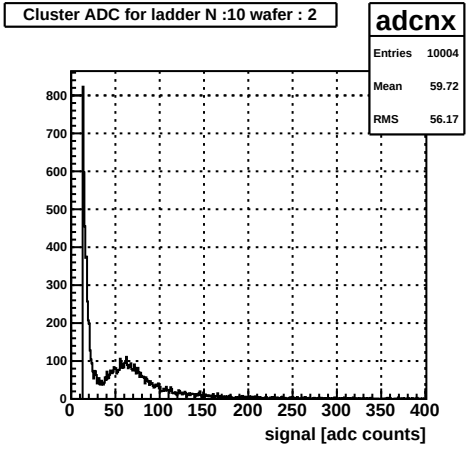

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3602
Mean 60.72
RMS 55.34
signal [adc counts]

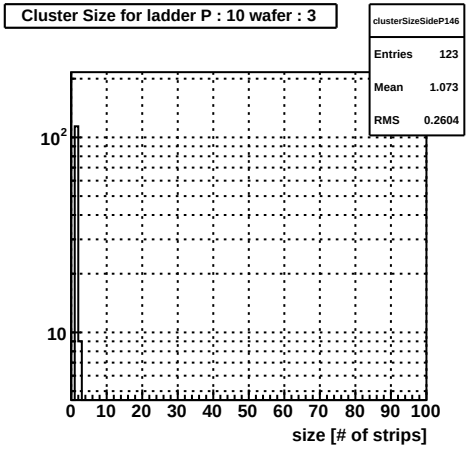

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 4796
Mean 1.285
RMS 0.5875
size [# of strips]

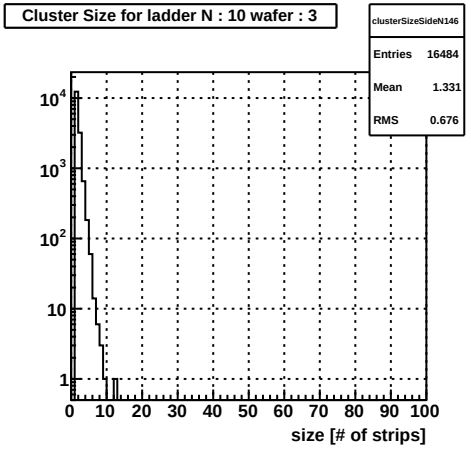

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 10004
Mean 1.603
RMS 1.01
size [# of strips]

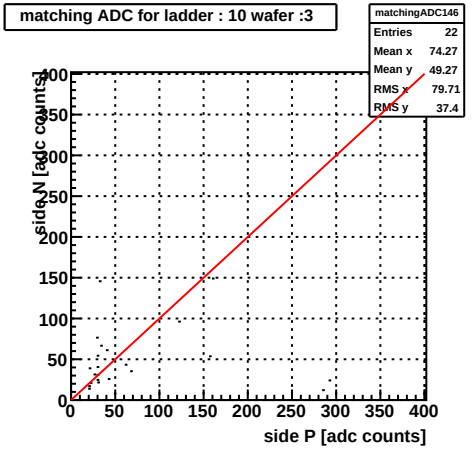

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 3675
Mean x 75.6
Mean y 89.35
RMS x 53.85
RMS y 59.87
side N [adc counts]
side P [adc counts]

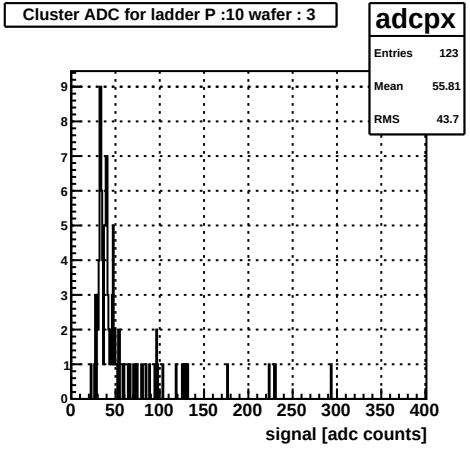

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 4796
Mean 108.5
RMS 65.25
signal [adc counts]

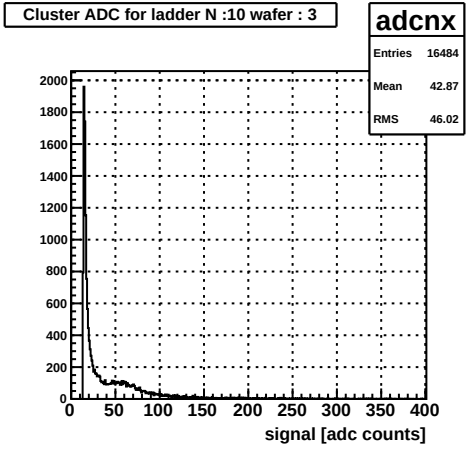

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 10004
Mean 59.72
RMS 56.17
signal [adc counts]

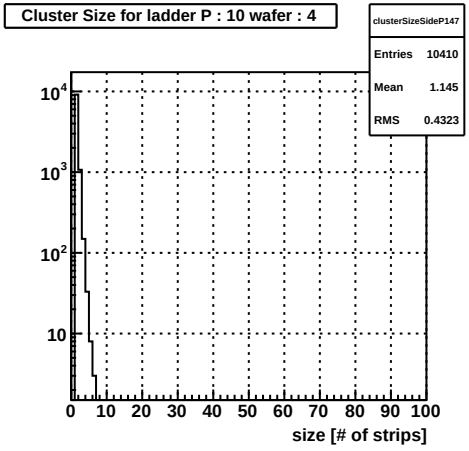

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 123
Mean 1.073
RMS 0.2604
size [# of strips]

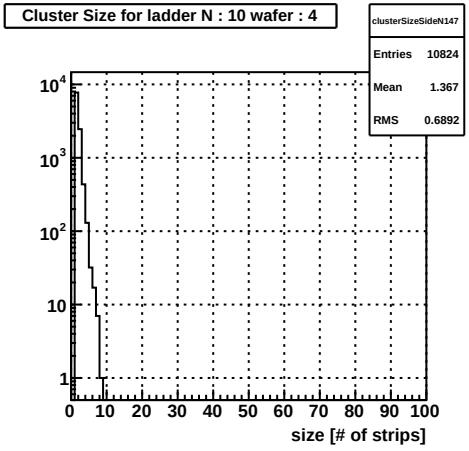

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 16484
Mean 1.331
RMS 0.676
size [# of strips]

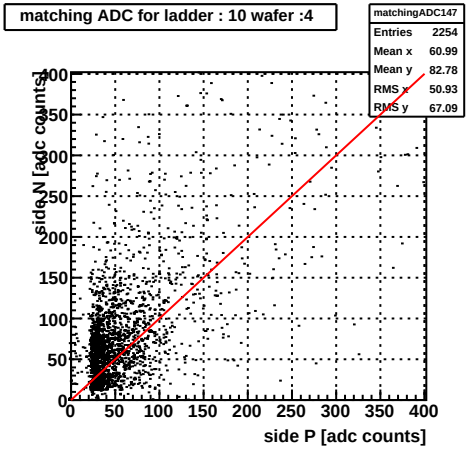

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 22
Mean x 74.27
Mean y 49.27
RMS x 79.71
RMS y 37.4
side N [adc counts]
side P [adc counts]

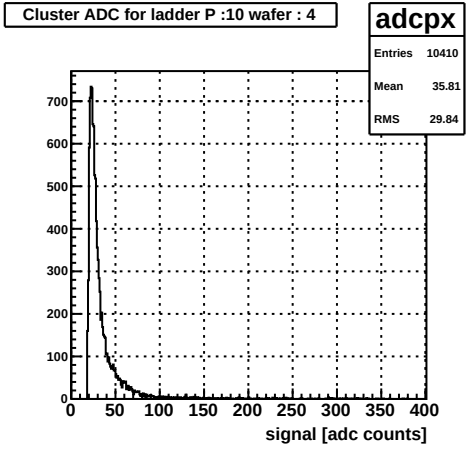

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 123
Mean 55.81
RMS 43.7
signal [adc counts]

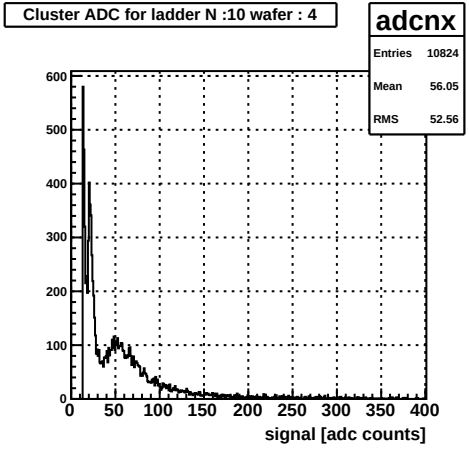

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 16484
Mean 42.87
RMS 46.02
signal [adc counts]

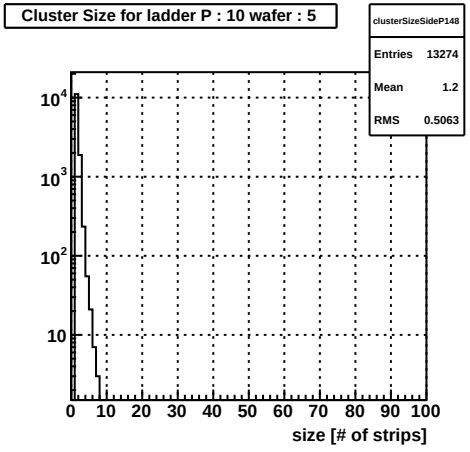

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 10410
Mean 1.145
RMS 0.4323
size [# of strips]

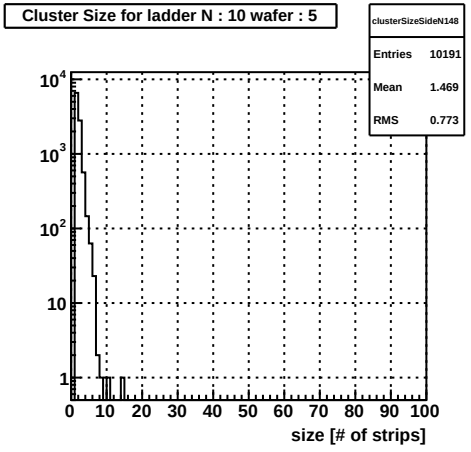

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 10824
Mean 1.367
RMS 0.6892
size [# of strips]

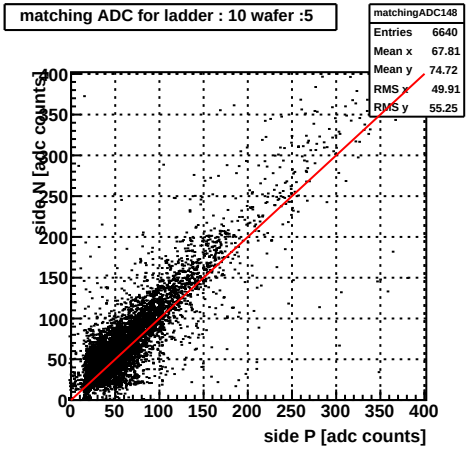

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 2254
Mean x 60.99
Mean y 82.78
RMS x 50.93
RMS y 67.09
side N [adc counts]
side P [adc counts]

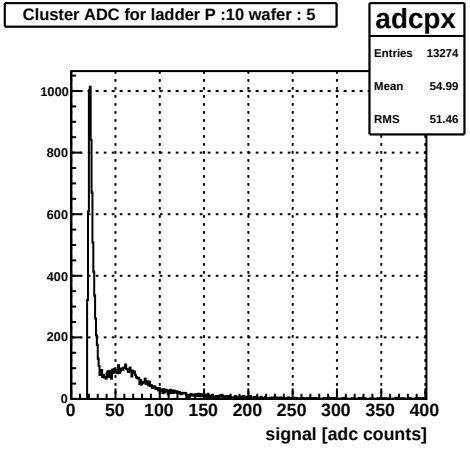

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 10410
Mean 35.81
RMS 29.84
signal [adc counts]

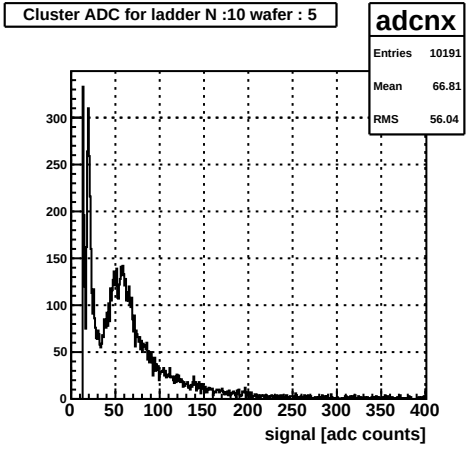

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 10824
Mean 56.05
RMS 52.56
signal [adc counts]

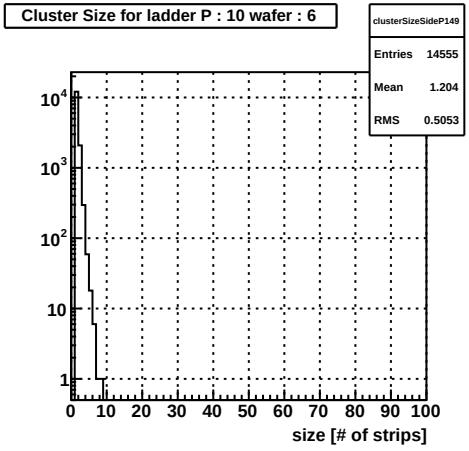

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 13274
Mean 1.2
RMS 0.5063
size [# of strips]

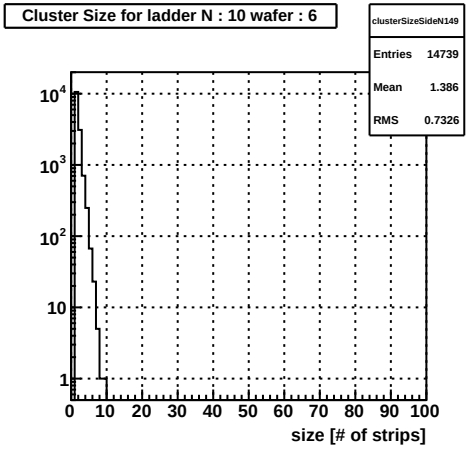

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 10191
Mean 1.469
RMS 0.773
size [# of strips]

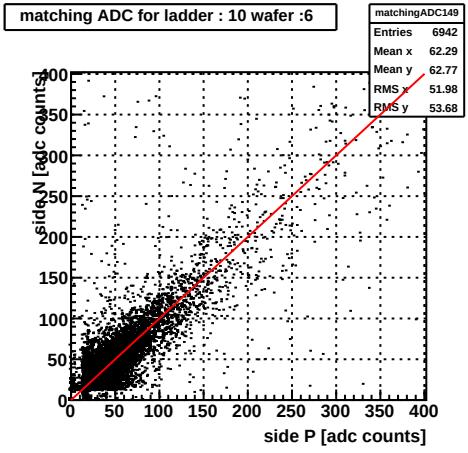

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 6640
Mean x 67.81
Mean y 74.72
RMS x 49.91
RMS y 55.25
side N [adc counts]
side P [adc counts]

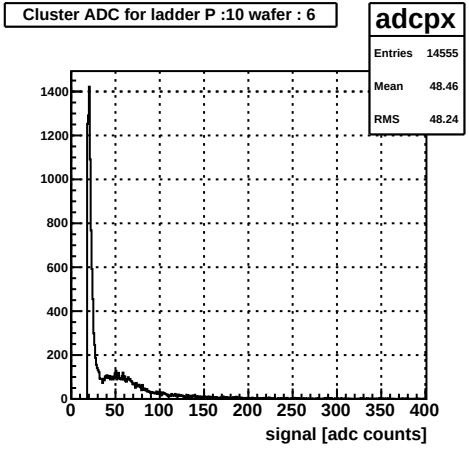

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 13274
Mean 54.99
RMS 51.46
signal [adc counts]

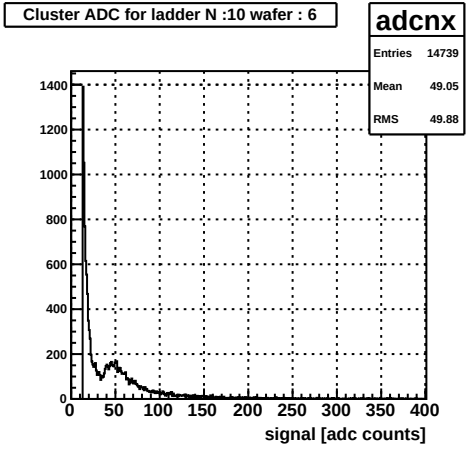

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 10191
Mean 66.81
RMS 56.04
signal [adc counts]

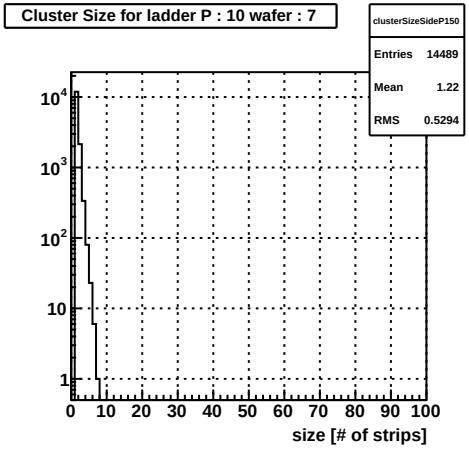

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 14555
Mean 1.204
RMS 0.5053
size [# of strips]

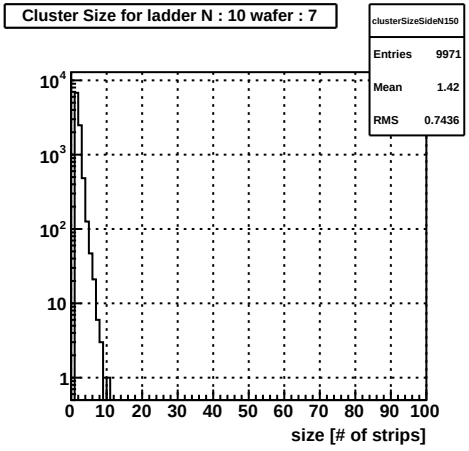

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 14739
Mean 1.386
RMS 0.7326
size [# of strips]

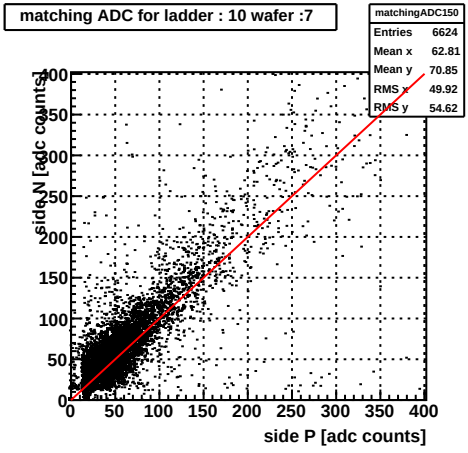

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 6942
Mean x 62.29
Mean y 62.77
RMS x 51.98
RMS y 53.68
side N [adc counts]
side P [adc counts]

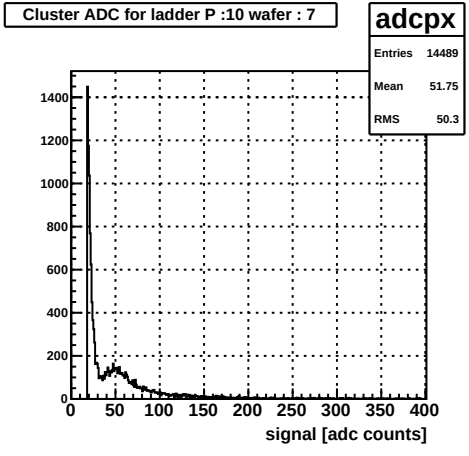

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 14555
Mean 48.46
RMS 48.24
signal [adc counts]

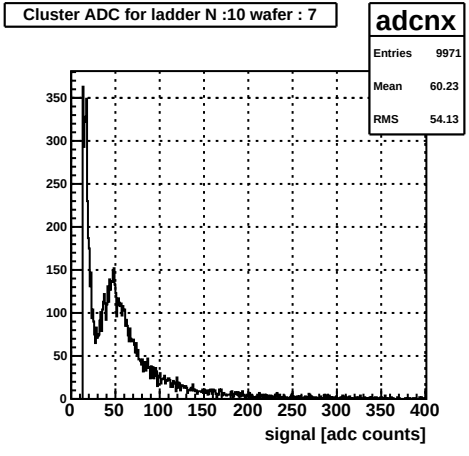

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 14739
Mean 49.05
RMS 49.88
signal [adc counts]

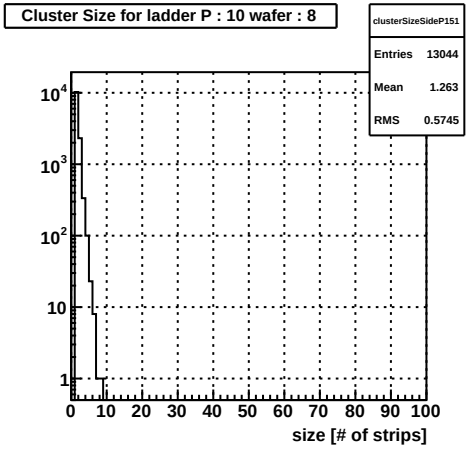

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 14489
Mean 1.22
RMS 0.5294
size [# of strips]

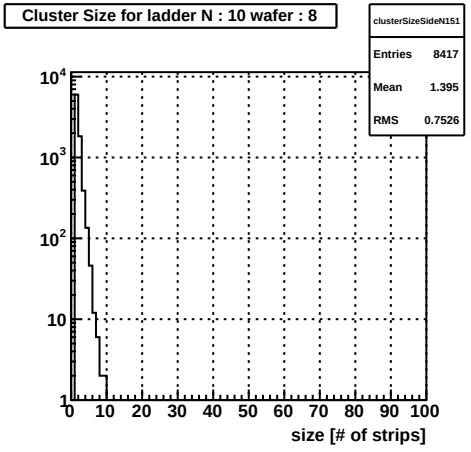

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 9971
Mean 1.42
RMS 0.7436
size [# of strips]

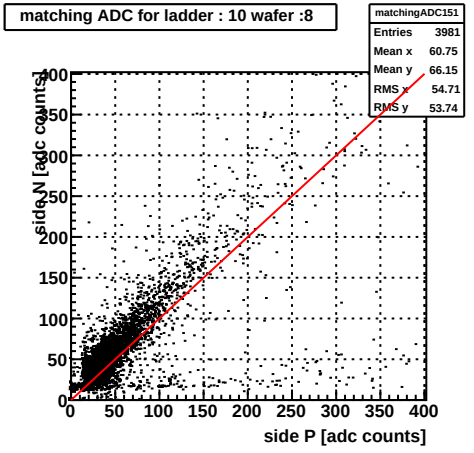

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 6624
Mean x 62.81
Mean y 70.85
RMS x 49.92
RMS y 54.62
side N [adc counts]
side P [adc counts]

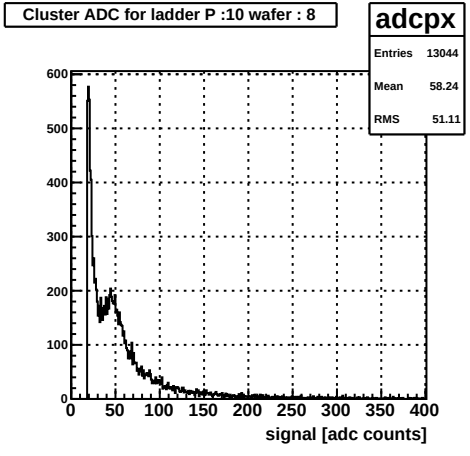

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 14489
Mean 51.75
RMS 50.3
signal [adc counts]

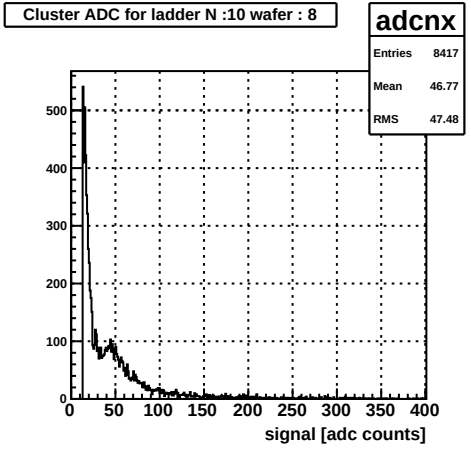

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 9971
Mean 60.23
RMS 54.13
signal [adc counts]

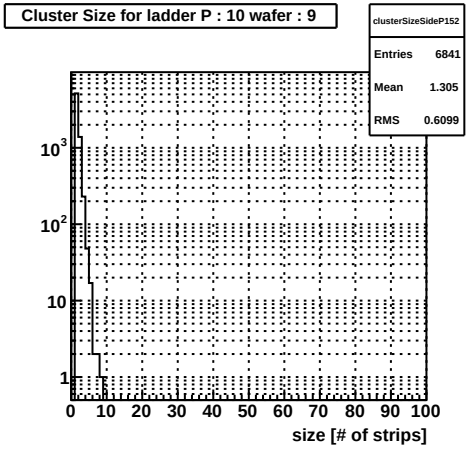

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 13044
Mean 1.263
RMS 0.5745
size [# of strips]

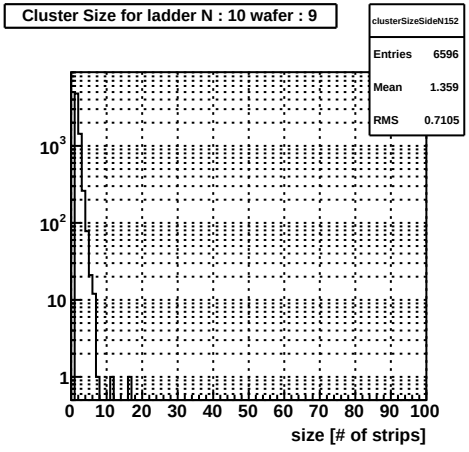

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 8417
Mean 1.395
RMS 0.7526
size [# of strips]

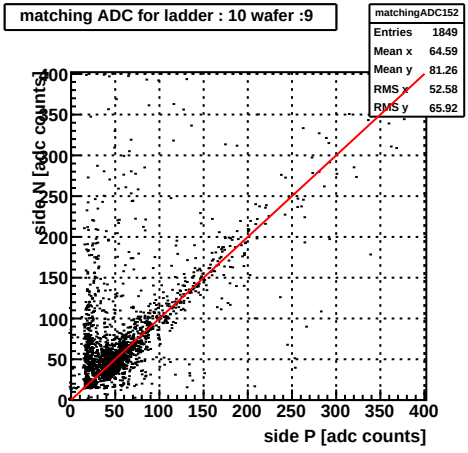

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 3981
Mean x 60.75
Mean y 66.15
RMS x 54.71
RMS y 53.74
side N [adc counts]
side P [adc counts]

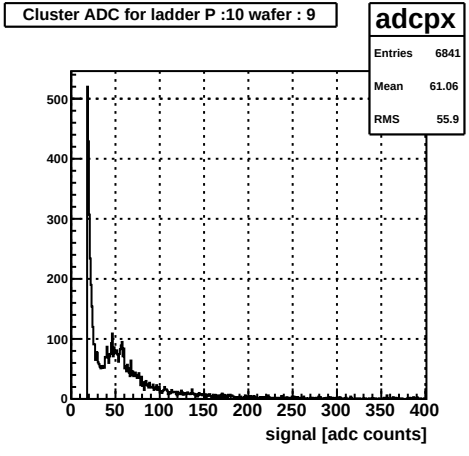

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 13044
Mean 58.24
RMS 51.11
signal [adc counts]

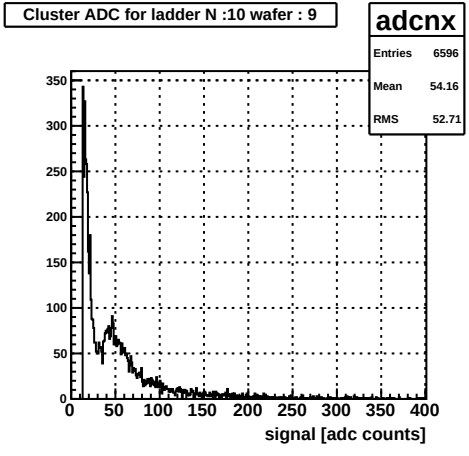

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 8417
Mean 46.77
RMS 47.48
signal [adc counts]

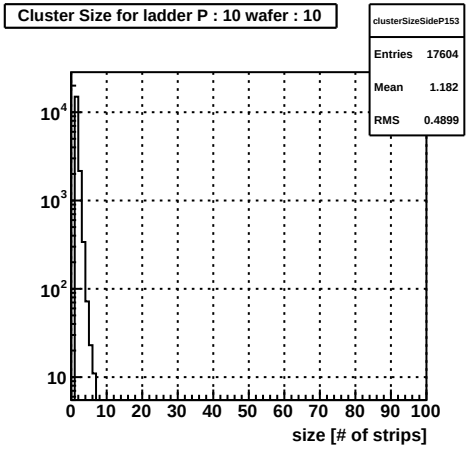

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6841
Mean 1.305
RMS 0.6099
size [# of strips]

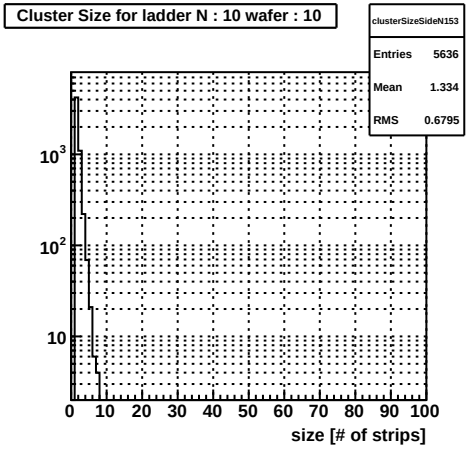

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 6596
Mean 1.359
RMS 0.7105
size [# of strips]

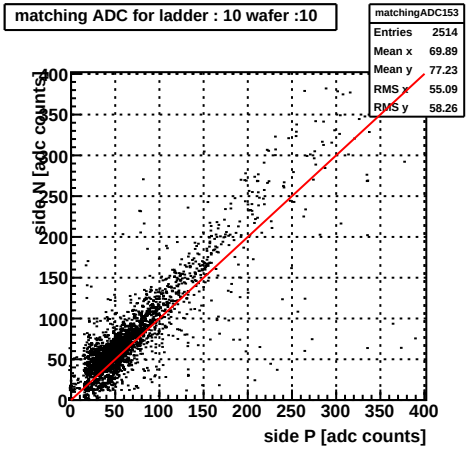

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1849
Mean x 64.59
Mean y 81.26
RMS x 52.58
RMS y 65.92
side N [adc counts]
side P [adc counts]

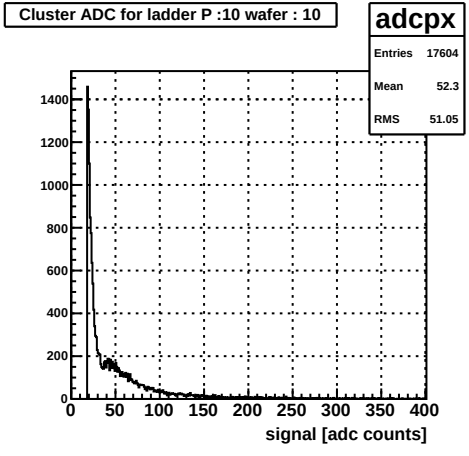

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6841
Mean 61.06
RMS 55.9
signal [adc counts]

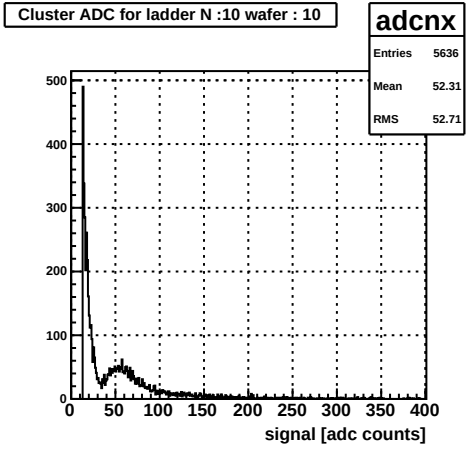

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 6596
Mean 54.16
RMS 52.71
signal [adc counts]

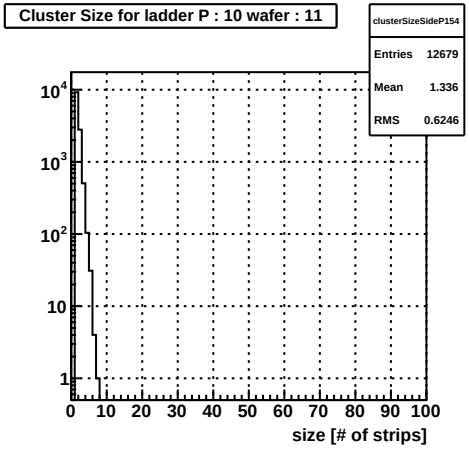

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 17604
Mean 1.182
RMS 0.4899
size [# of strips]

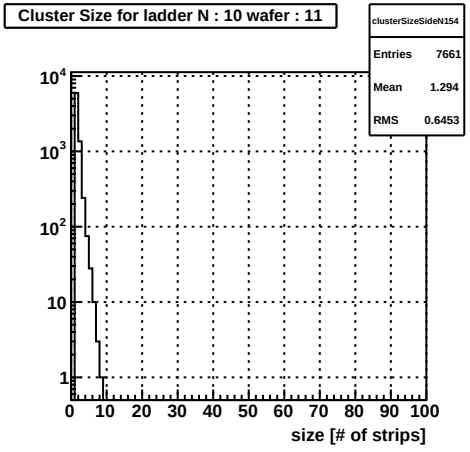

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5636
Mean 1.334
RMS 0.6795
size [# of strips]

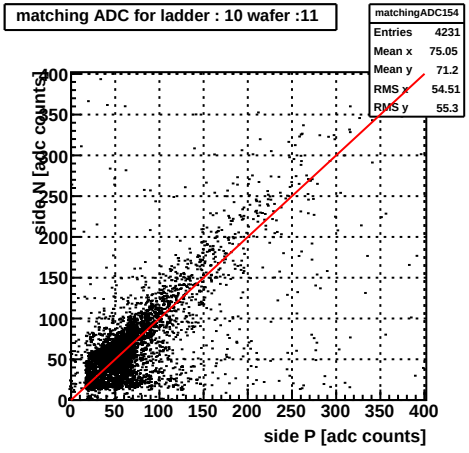

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2514
Mean x 69.89
Mean y 77.23
RMS x 55.09
RMS y 58.26
side N [adc counts]
side P [adc counts]

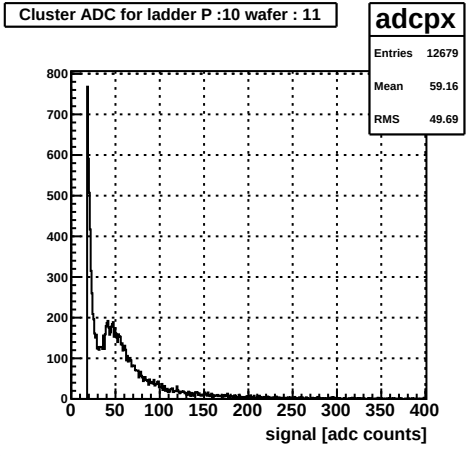

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 17604
Mean 52.3
RMS 51.05
signal [adc counts]

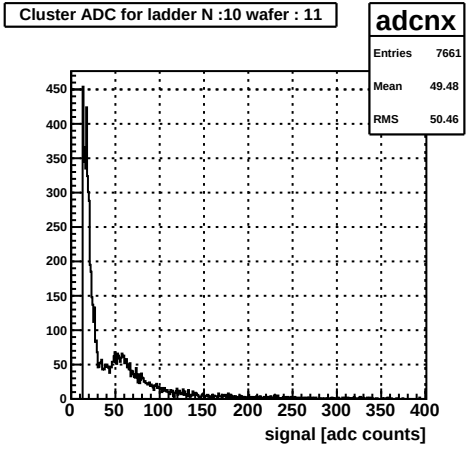

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5636
Mean 52.31
RMS 52.71
signal [adc counts]

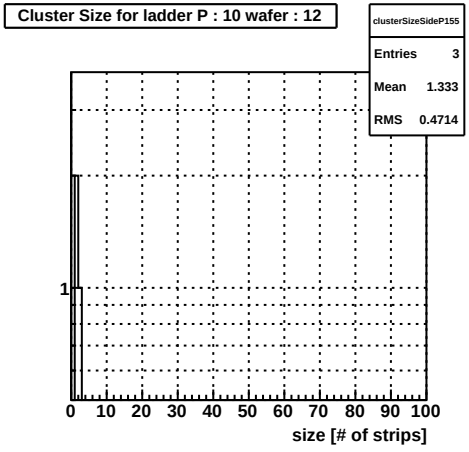

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 12679
Mean 1.336
RMS 0.6246
size [# of strips]

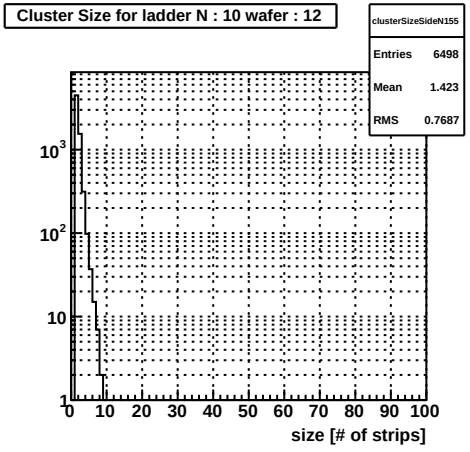

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 7661
Mean 1.294
RMS 0.6453
size [# of strips]

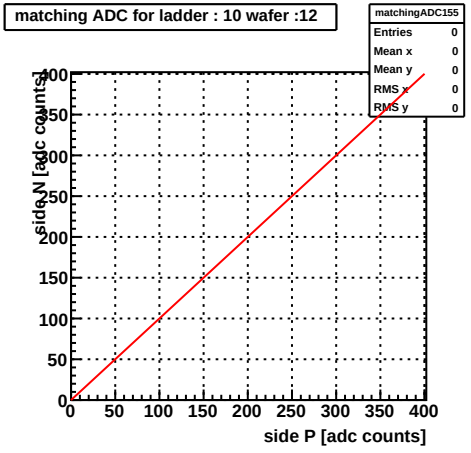

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 4231
Mean x 75.05
Mean y 71.2
RMS x 54.51
RMS y 55.3
side N [adc counts]
side P [adc counts]

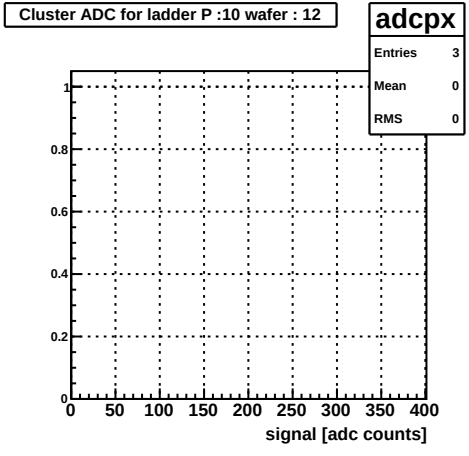

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 12679
Mean 59.16
RMS 49.69
signal [adc counts]

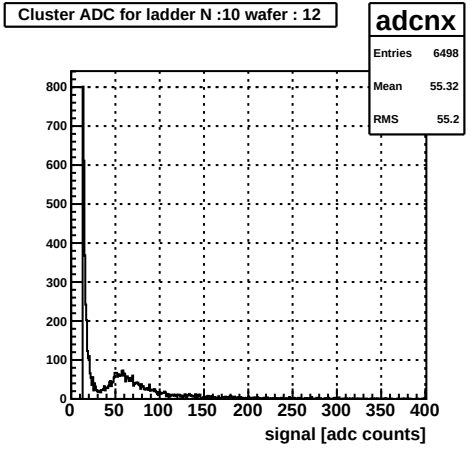

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 7661
Mean 49.48
RMS 50.46
signal [adc counts]

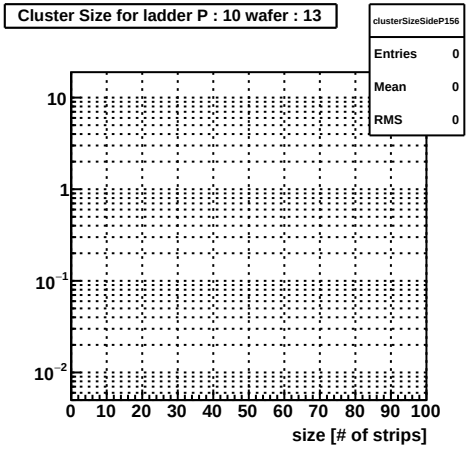

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

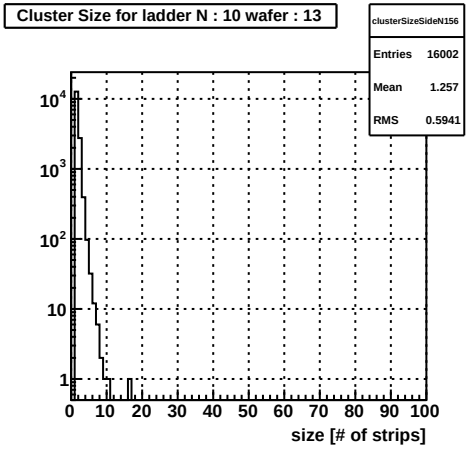

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 6498
Mean 1.423
RMS 0.7687
size [# of strips]

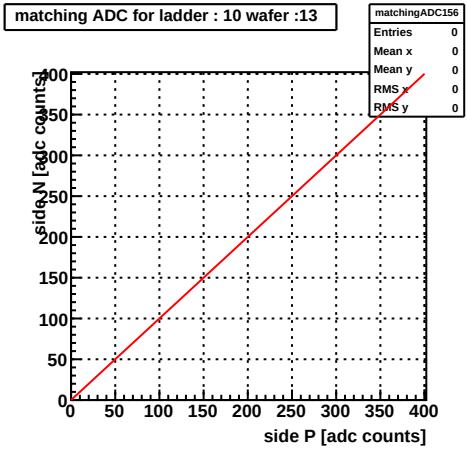

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

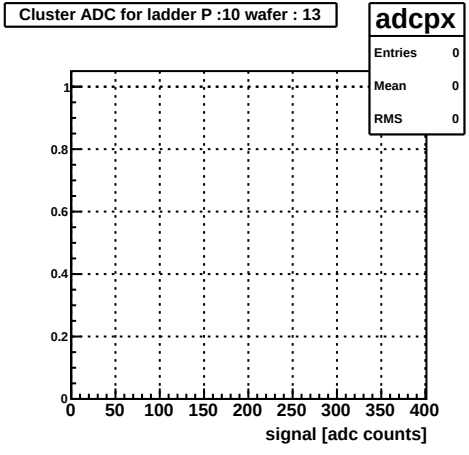

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

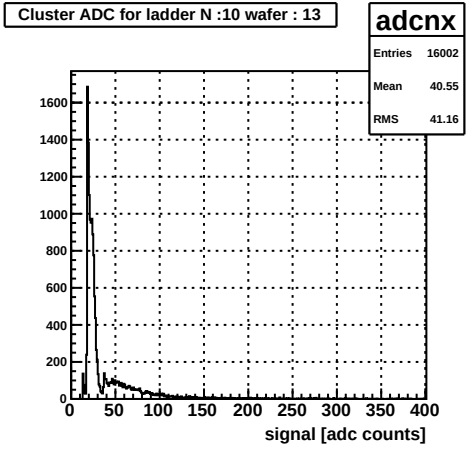

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 6498
Mean 55.32
RMS 55.2
signal [adc counts]

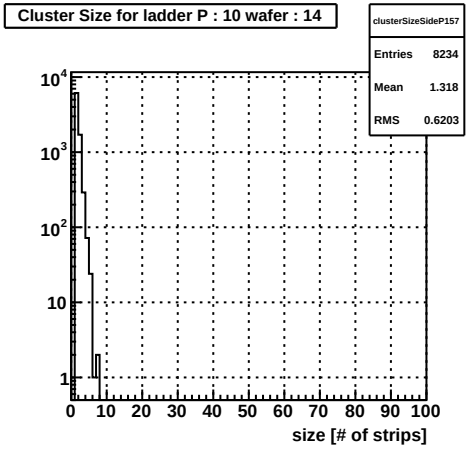

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

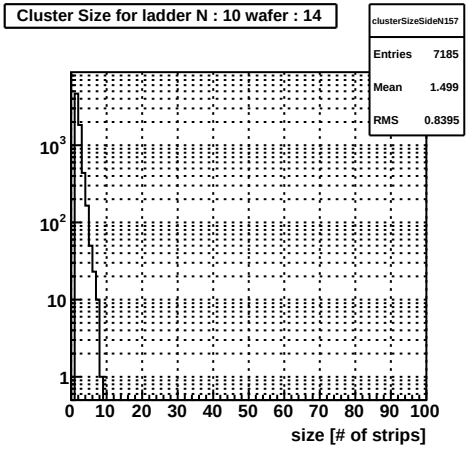

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 16002
Mean 1.257
RMS 0.5941
size [# of strips]

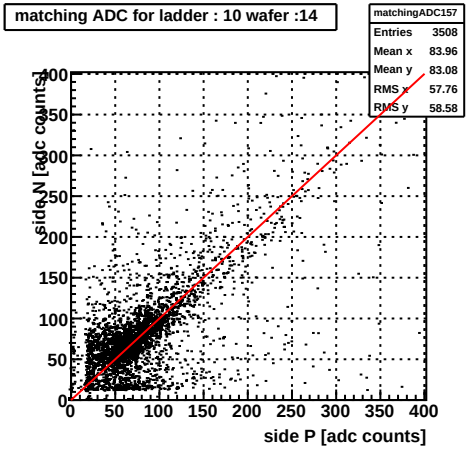

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

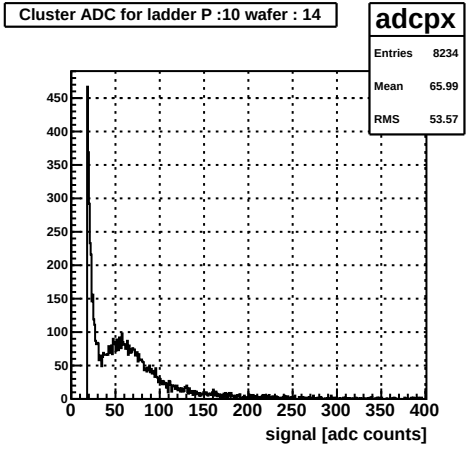

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

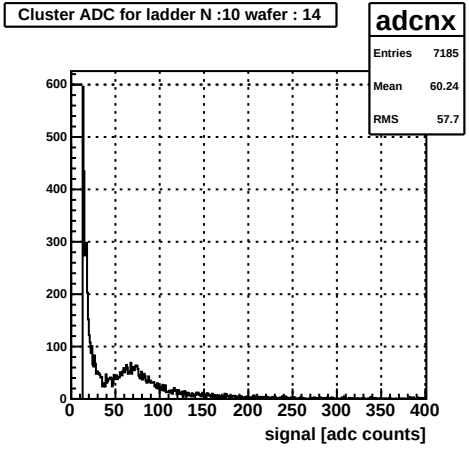

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 16002
Mean 40.55
RMS 41.16
signal [adc counts]

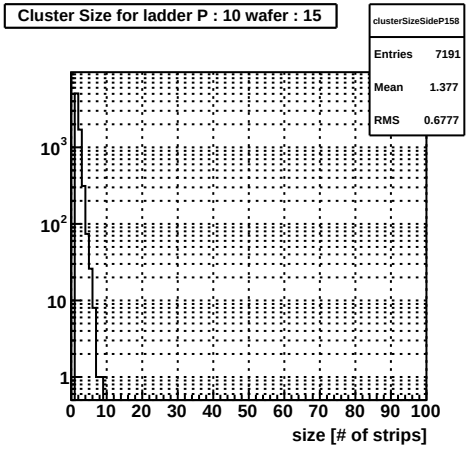

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 8234
Mean 1.318
RMS 0.6203
size [# of strips]

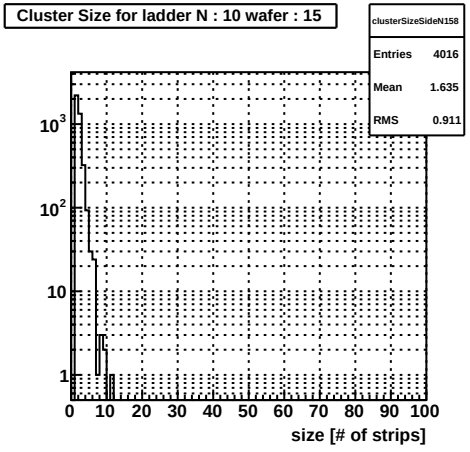

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 7185
Mean 1.499
RMS 0.8395
size [# of strips]

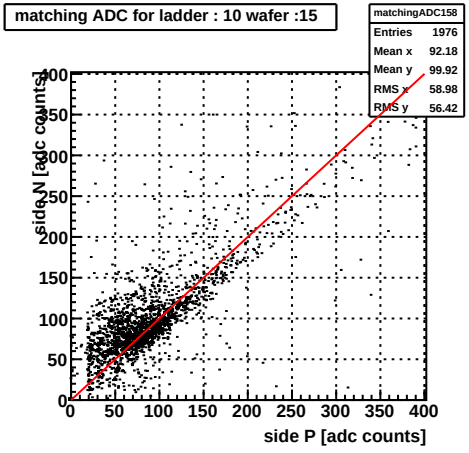

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3508
Mean x 83.96
Mean y 83.08
RMS x 57.76
RMS y 58.58
side N [adc counts]
side P [adc counts]

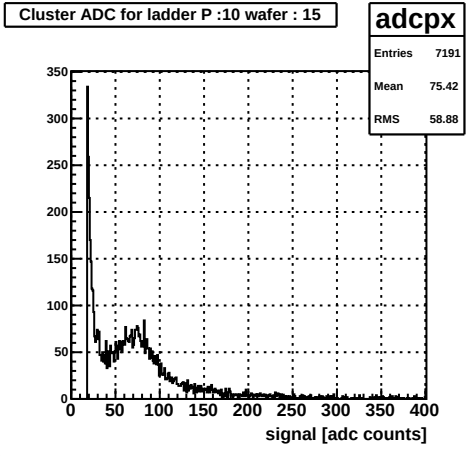

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 8234
Mean 65.99
RMS 53.57
signal [adc counts]

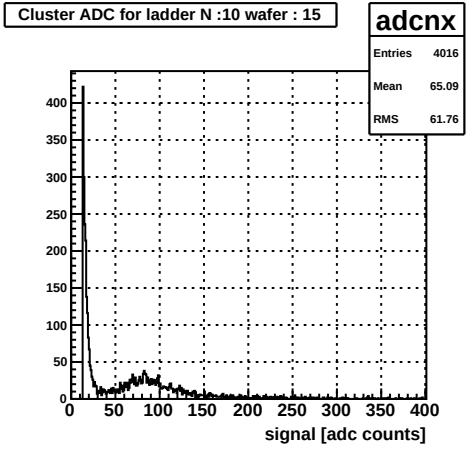

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 7185
Mean 60.24
RMS 57.7
signal [adc counts]

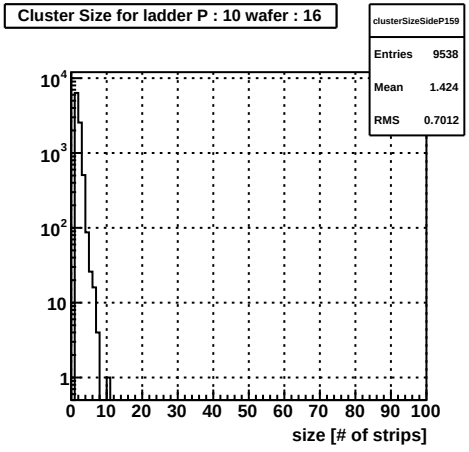

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 7191
Mean 1.377
RMS 0.6777
size [# of strips]

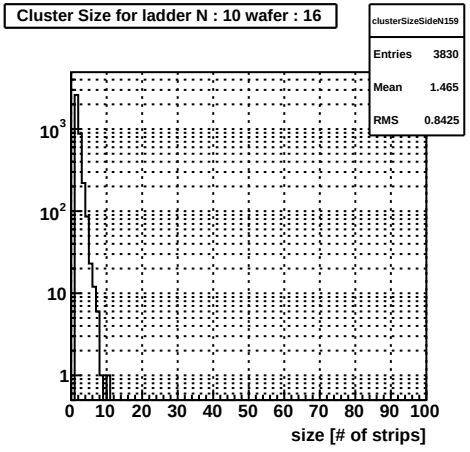

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 4016
Mean 1.635
RMS 0.911
size [# of strips]

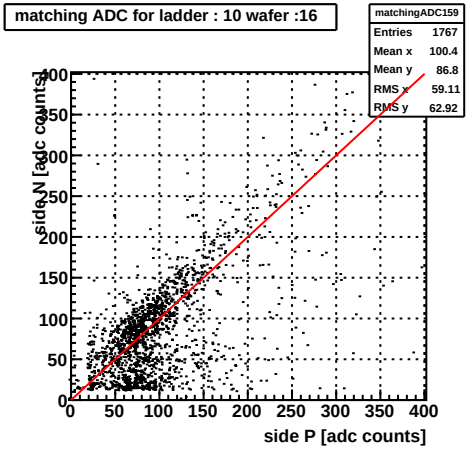

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1976
Mean x 92.18
Mean y 99.92
RMS x 58.98
RMS y 56.42
side N [adc counts]
side P [adc counts]

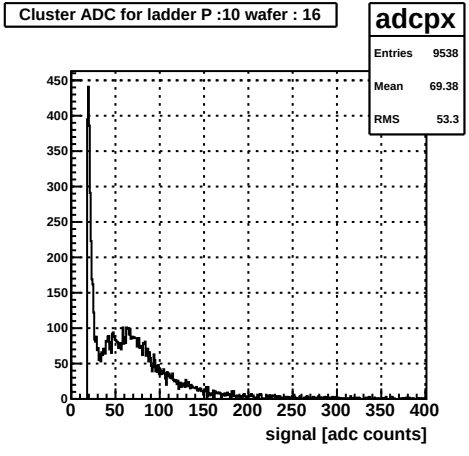

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 7191
Mean 75.42
RMS 58.88
signal [adc counts]

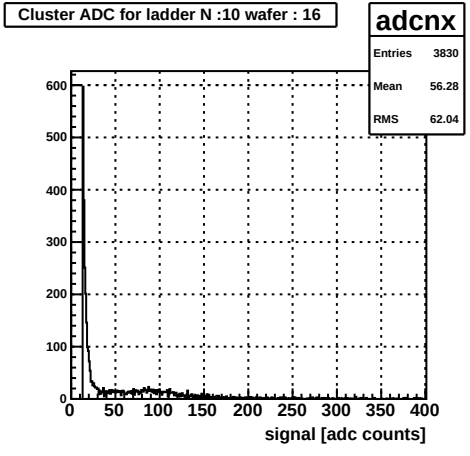

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 4016
Mean 65.09
RMS 61.76
signal [adc counts]

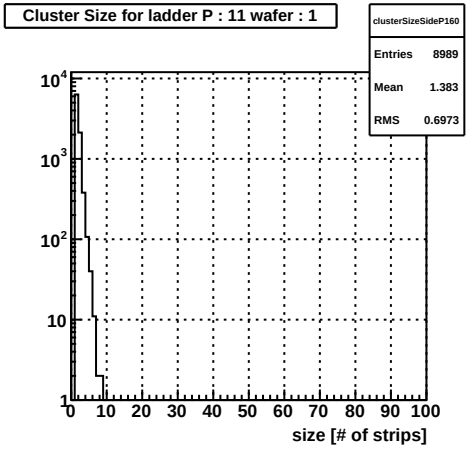

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 9538
Mean 1.424
RMS 0.7012
size [# of strips]

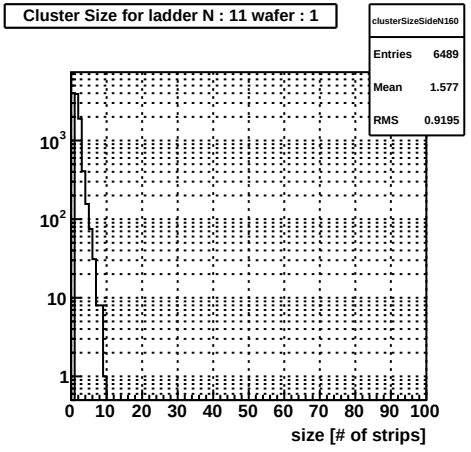

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 3830
Mean 1.465
RMS 0.8425
size [# of strips]

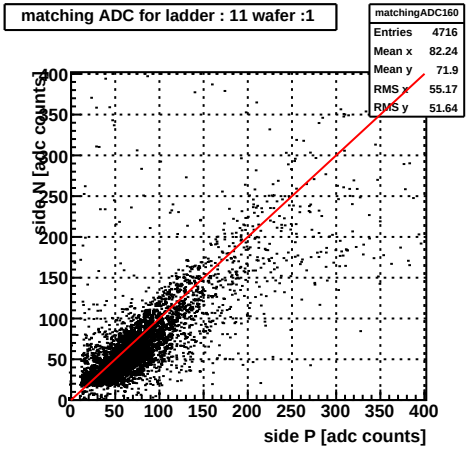

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1767
Mean x 100.4
Mean y 86.8
RMS x 59.11
RMS y 62.92
side N [adc counts]
side P [adc counts]

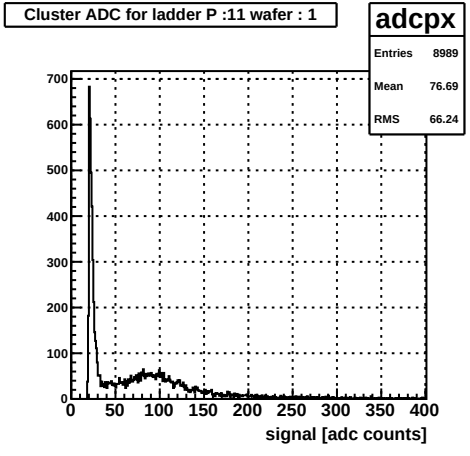

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 9538
Mean 69.38
RMS 53.3
signal [adc counts]

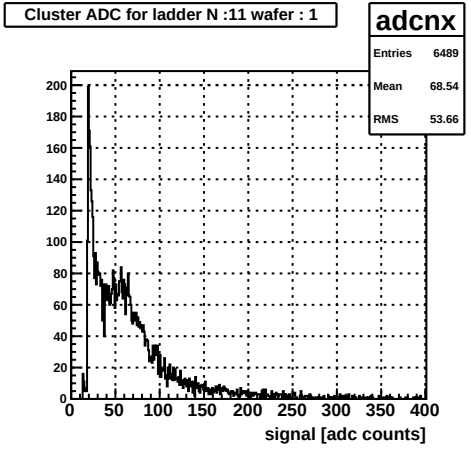

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 3830
Mean 56.28
RMS 62.04
signal [adc counts]

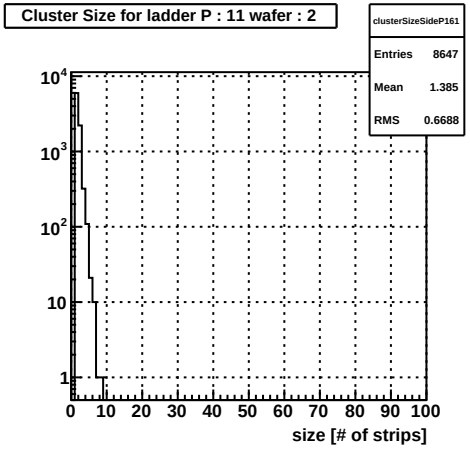

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8989
Mean 1.383
RMS 0.6973
size [# of strips]

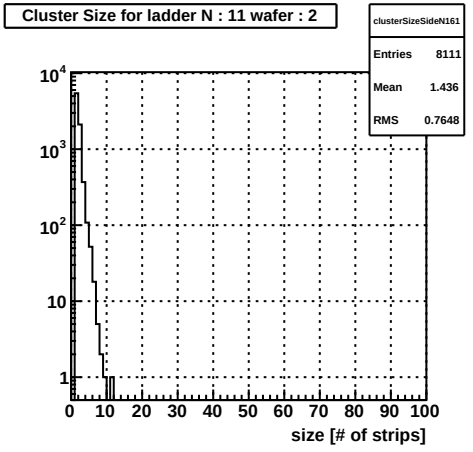

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 6489
Mean 1.577
RMS 0.9195
size [# of strips]

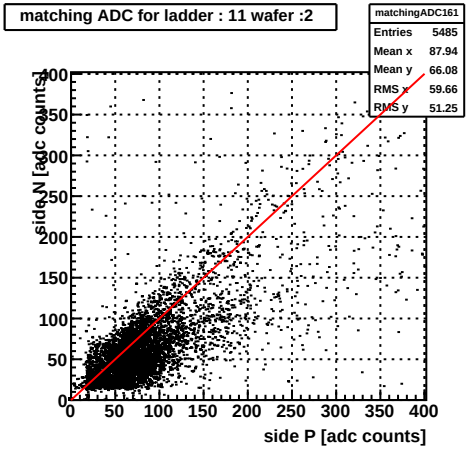

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 4716
Mean x 82.24
Mean y 71.9
RMS x 55.17
RMS y 51.64
side N [adc counts]
side P [adc counts]

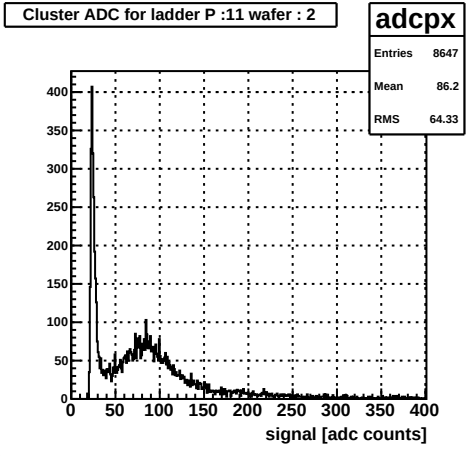

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8989
Mean 76.69
RMS 66.24
signal [adc counts]

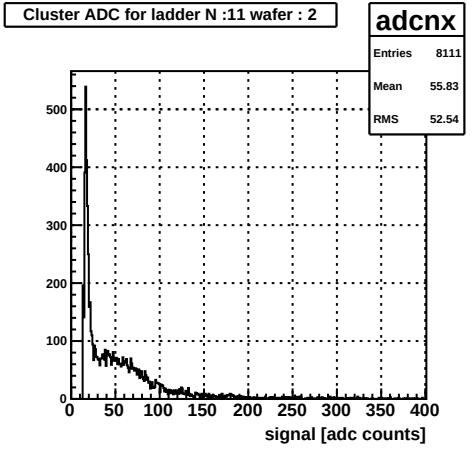

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 6489
Mean 68.54
RMS 53.66
signal [adc counts]

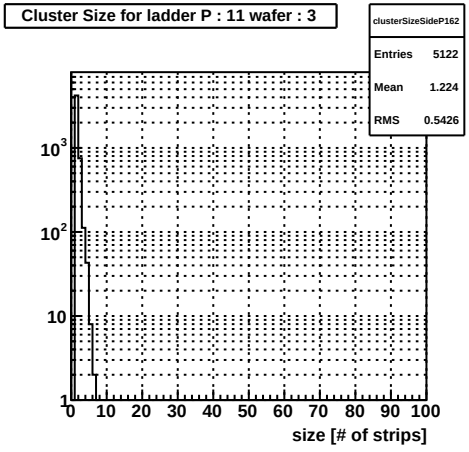

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 8647
Mean 1.385
RMS 0.6688
size [# of strips]

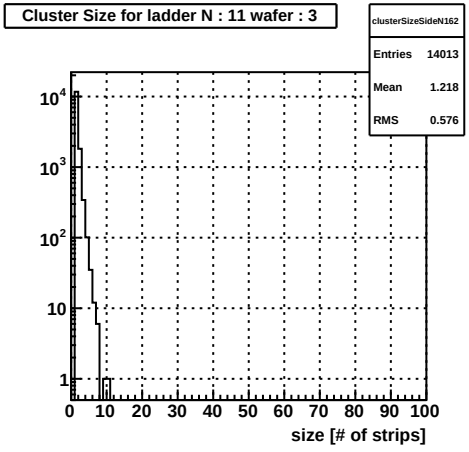

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 8111
Mean 1.436
RMS 0.7648
size [# of strips]

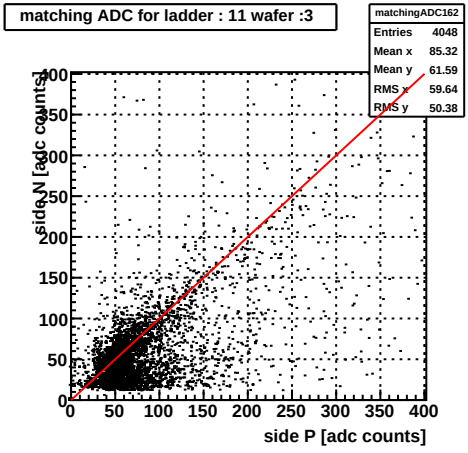

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 5485
Mean x 87.94
Mean y 66.08
RMS x 59.66
RMS y 51.25
side N [adc counts]
side P [adc counts]

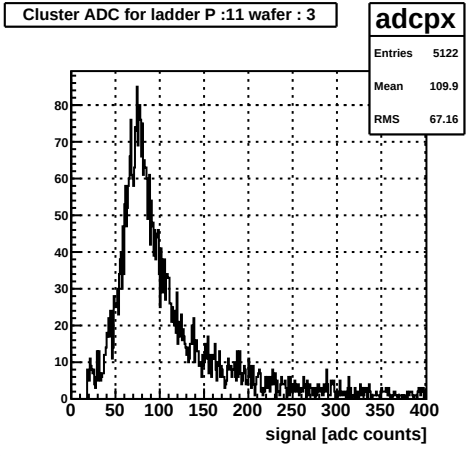

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 8647
Mean 86.2
RMS 64.33
signal [adc counts]

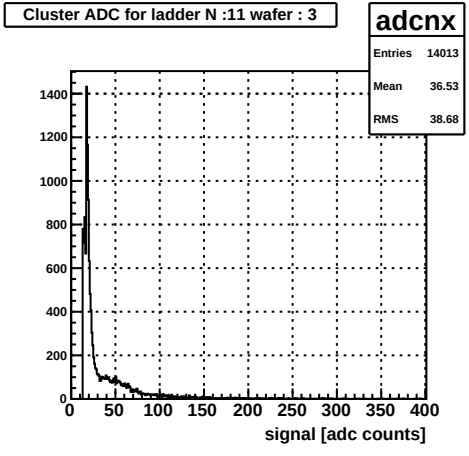

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 8111
Mean 55.83
RMS 52.54
signal [adc counts]

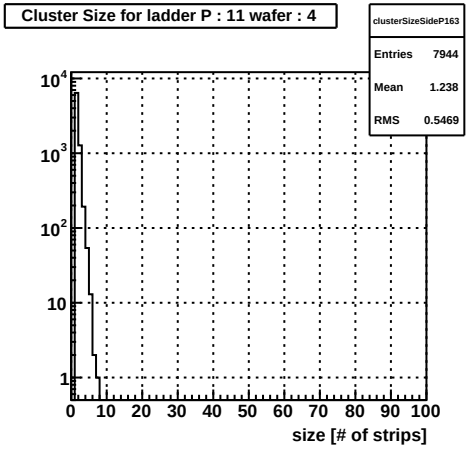

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 5122
Mean 1.224
RMS 0.5426
size [# of strips]

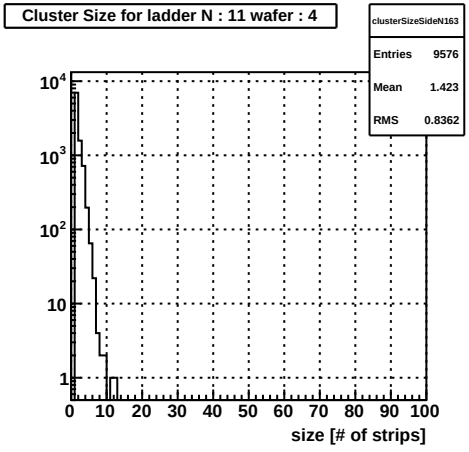

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 14013
Mean 1.218
RMS 0.576
size [# of strips]

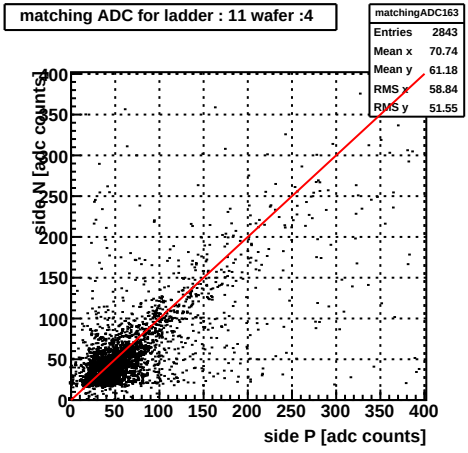

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 4048
Mean x 85.32
Mean y 61.59
RMS x 59.64
RMS y 50.38
side N [adc counts]
side P [adc counts]

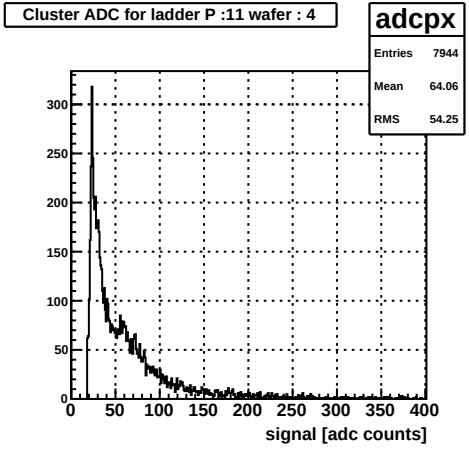

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 5122
Mean 109.9
RMS 67.16
signal [adc counts]

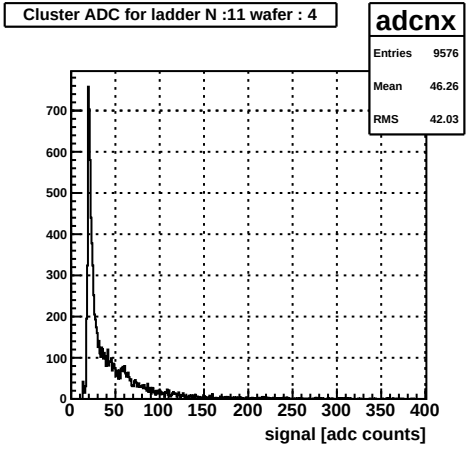

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 14013
Mean 36.53
RMS 38.68
signal [adc counts]

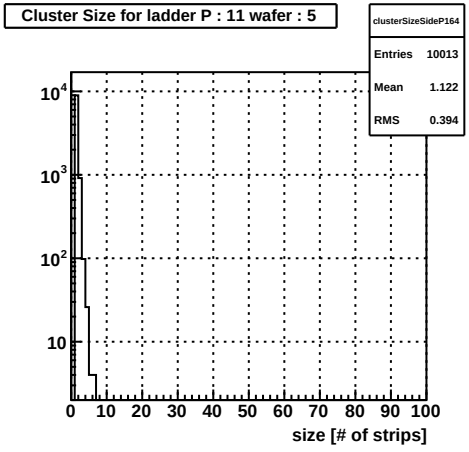

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 7944
Mean 1.238
RMS 0.5469
size [# of strips]

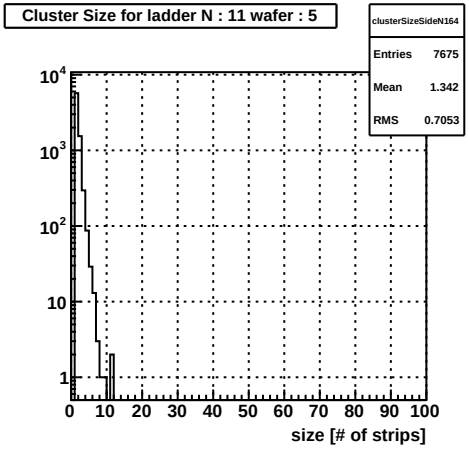

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9576
Mean 1.423
RMS 0.8362
size [# of strips]

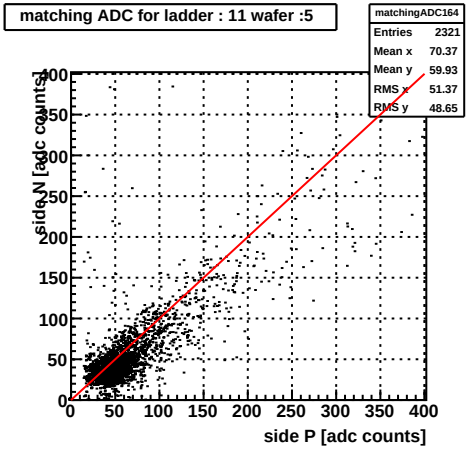

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 2843
Mean x 70.74
Mean y 61.18
RMS x 58.84
RMS y 51.55
side N [adc counts]
side P [adc counts]

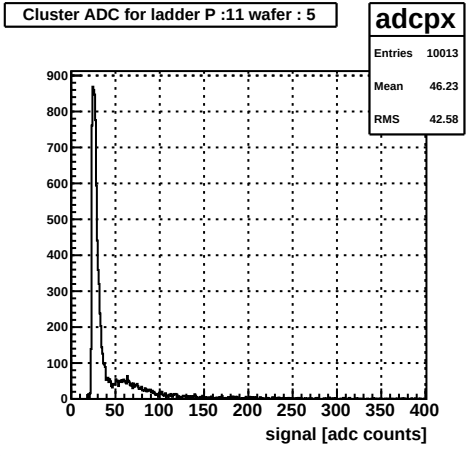

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 7944
Mean 64.06
RMS 54.25
signal [adc counts]

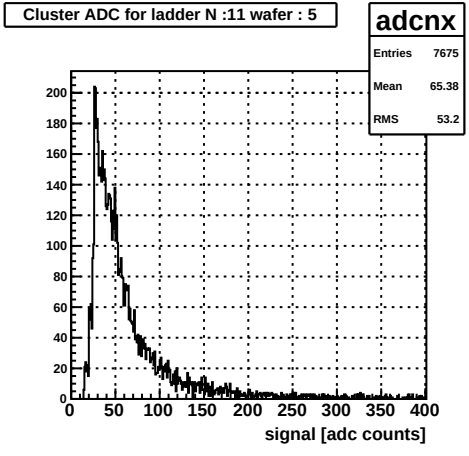

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9576
Mean 46.26
RMS 42.03
signal [adc counts]

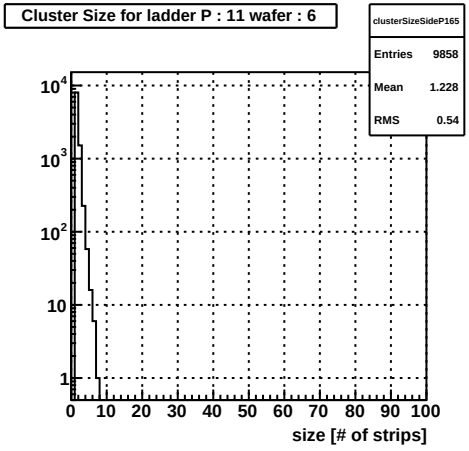

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 10013
Mean 1.122
RMS 0.394
size [# of strips]

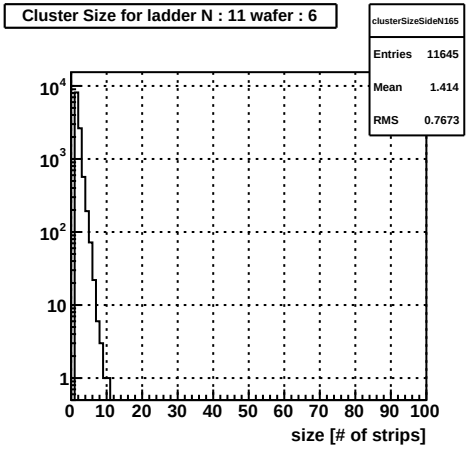

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 7675
Mean 1.342
RMS 0.7053
size [# of strips]

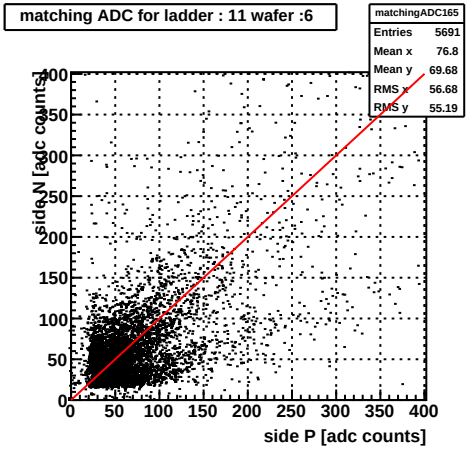

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2321
Mean x 70.37
Mean y 59.93
RMS x 51.37
RMS y 48.65
side N [adc counts]
side P [adc counts]

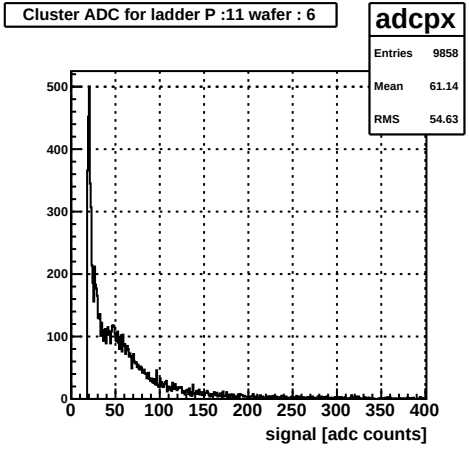

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 10013
Mean 46.23
RMS 42.58
signal [adc counts]

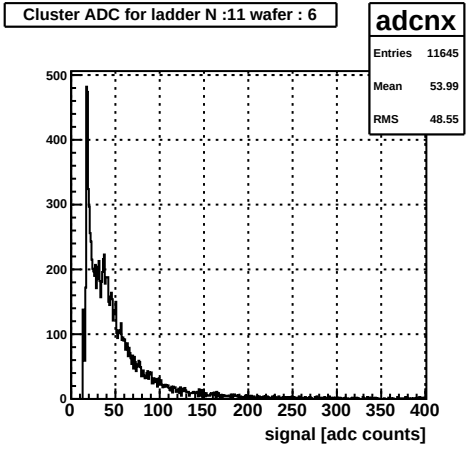

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 7675
Mean 65.38
RMS 53.2
signal [adc counts]

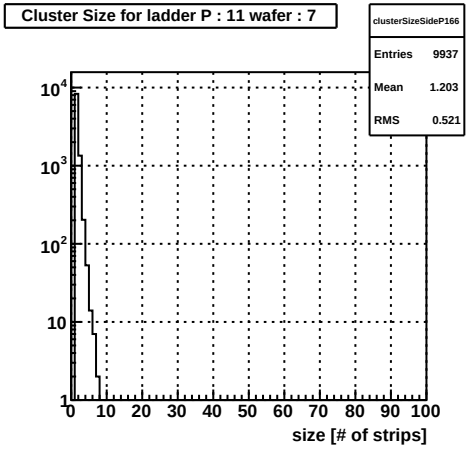

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 9858
Mean 1.228
RMS 0.54
size [# of strips]

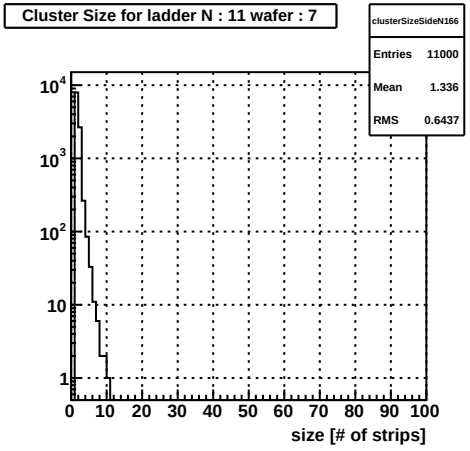

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 11645
Mean 1.414
RMS 0.7673
size [# of strips]

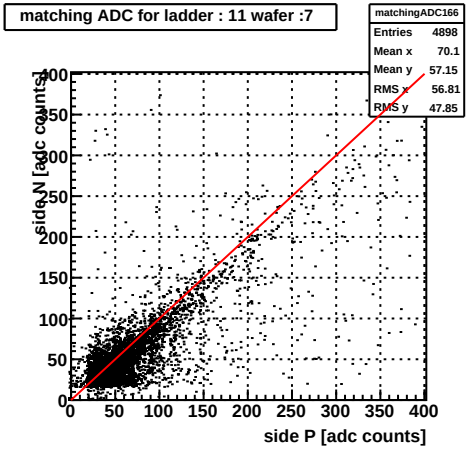

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 5691
Mean x 76.8
Mean y 69.68
RMS x 56.68
RMS y 55.19
side N [adc counts]
side P [adc counts]

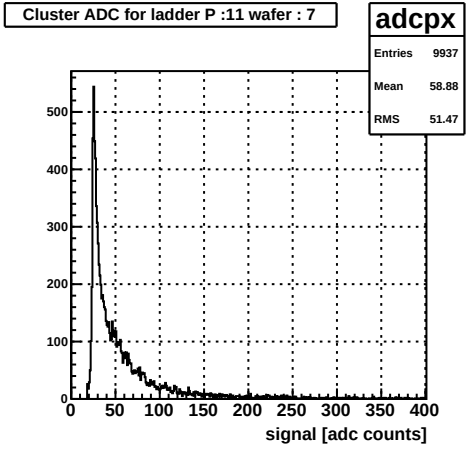

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 9858
Mean 61.14
RMS 54.63
signal [adc counts]

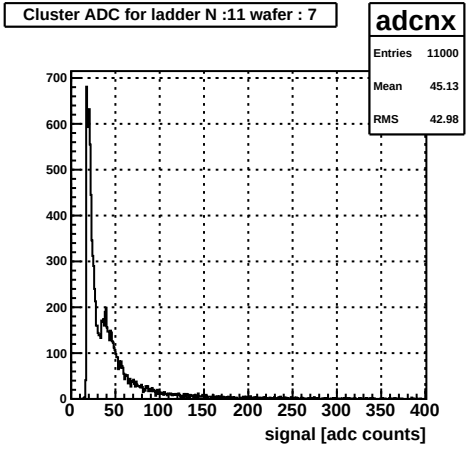

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 11645
Mean 53.99
RMS 48.55
signal [adc counts]

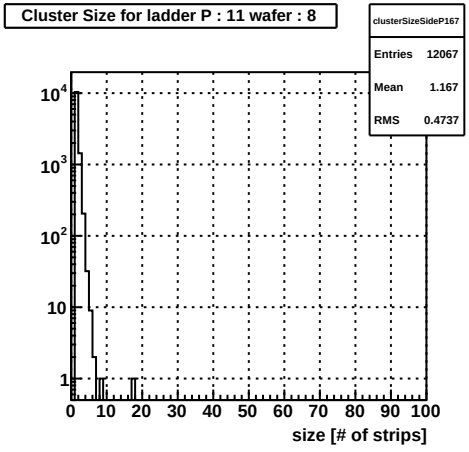

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9937
Mean 1.203
RMS 0.521
size [# of strips]

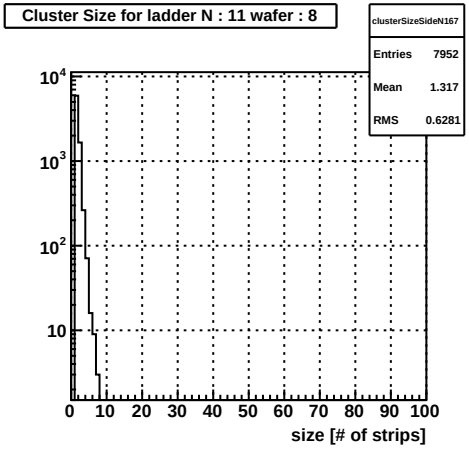

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11000
Mean 1.336
RMS 0.6437
size [# of strips]

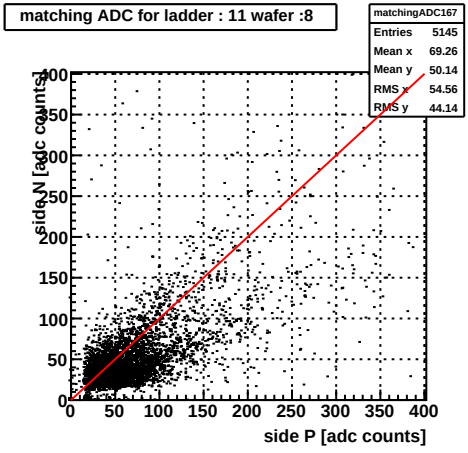

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 4898
Mean x 70.1
Mean y 57.15
RMS x 56.81
RMS y 47.85
side N [adc counts]
side P [adc counts]

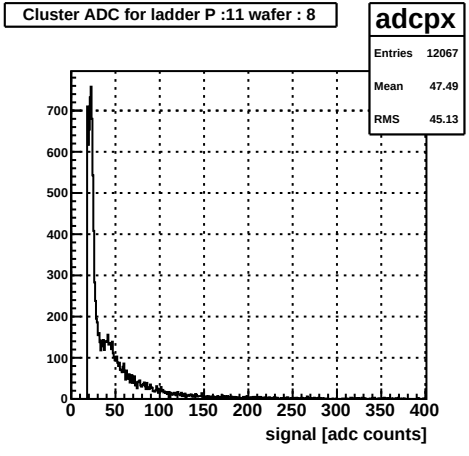

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9937
Mean 58.88
RMS 51.47
signal [adc counts]

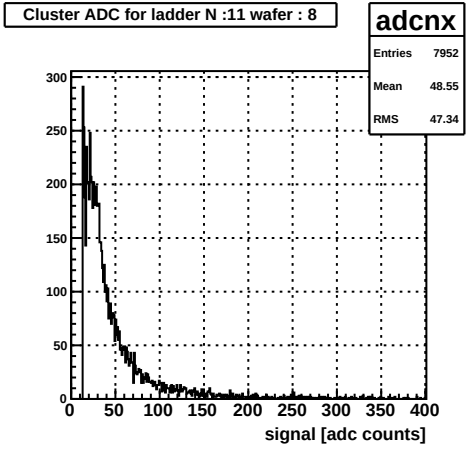

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11000
Mean 45.13
RMS 42.98
signal [adc counts]

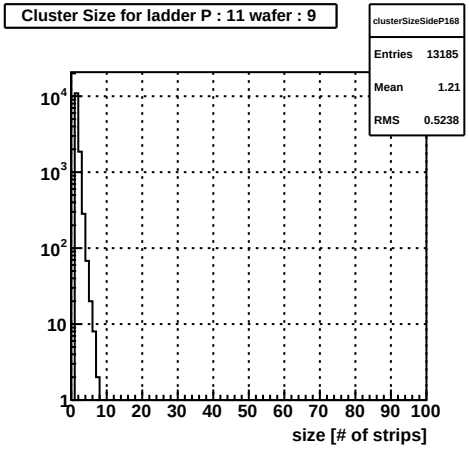

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 12067
Mean 1.167
RMS 0.4737
size [# of strips]

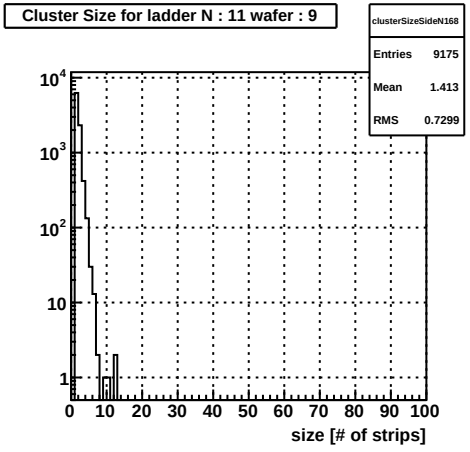

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 7952
Mean 1.317
RMS 0.6281
size [# of strips]

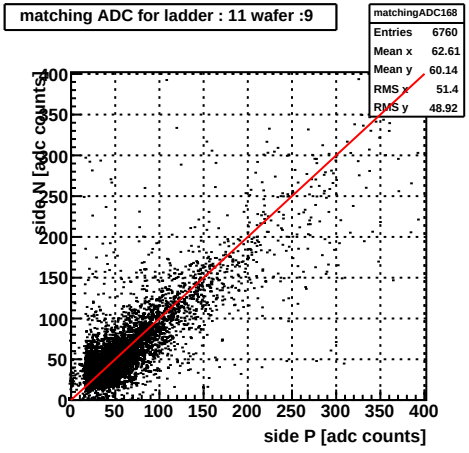

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 5145
Mean x 69.26
Mean y 50.14
RMS x 54.56
RMS y 44.14
side N [adc counts]
side P [adc counts]

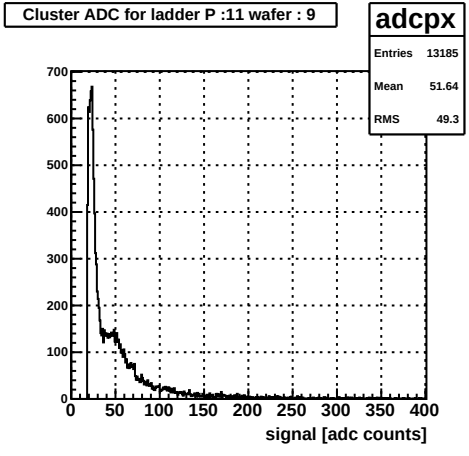

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 12067
Mean 47.49
RMS 45.13
signal [adc counts]

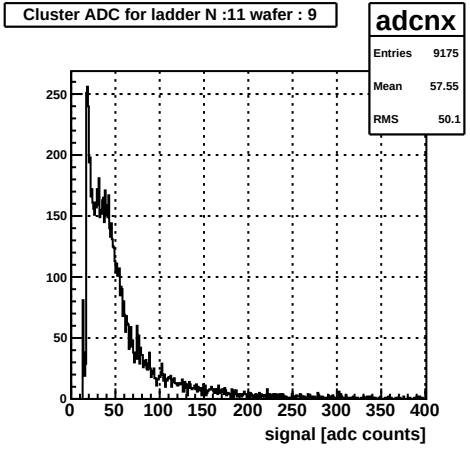

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 7952
Mean 48.55
RMS 47.34
signal [adc counts]

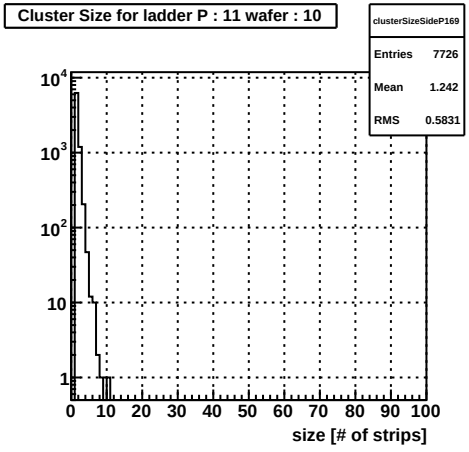

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 13185
Mean 1.21
RMS 0.5238
size [# of strips]

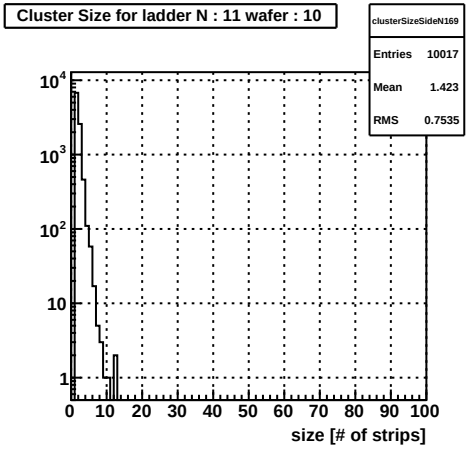

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 9175
Mean 1.413
RMS 0.7299
size [# of strips]

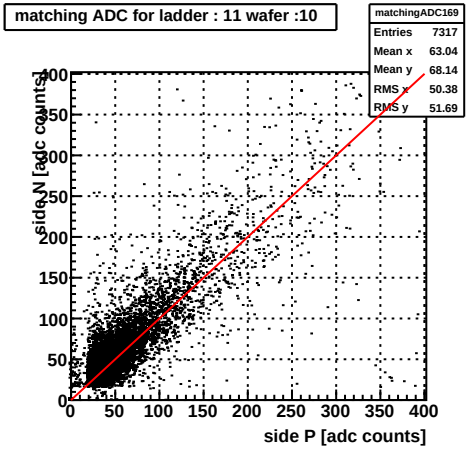

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 6760
Mean x 62.61
Mean y 60.14
RMS x 51.4
RMS y 48.92
side N [adc counts]
side P [adc counts]

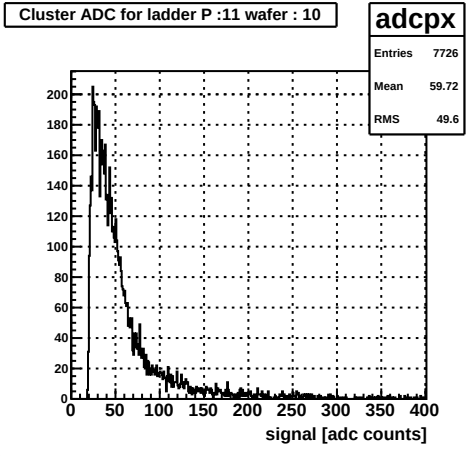

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 13185
Mean 51.64
RMS 49.3
signal [adc counts]

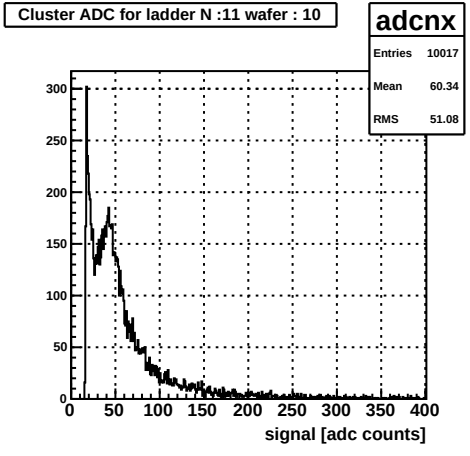

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 9175
Mean 57.55
RMS 50.1
signal [adc counts]

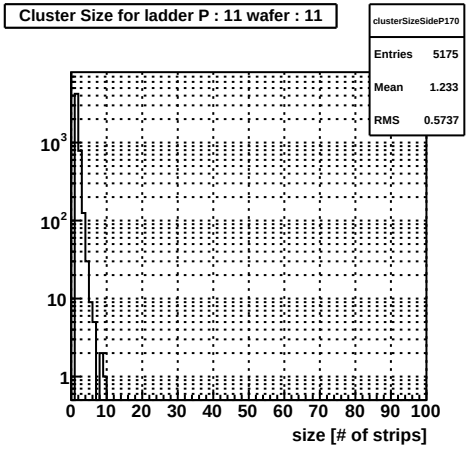

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 7726
Mean 1.242
RMS 0.5831
size [# of strips]

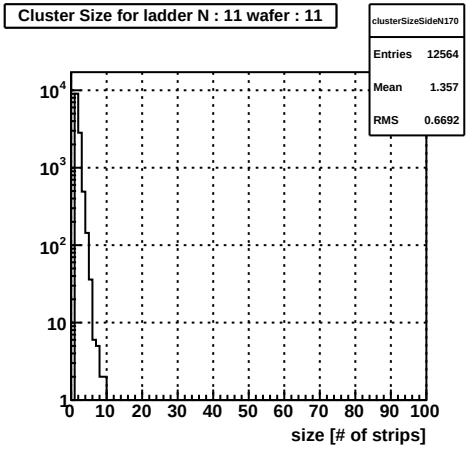

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 10017
Mean 1.423
RMS 0.7535
size [# of strips]

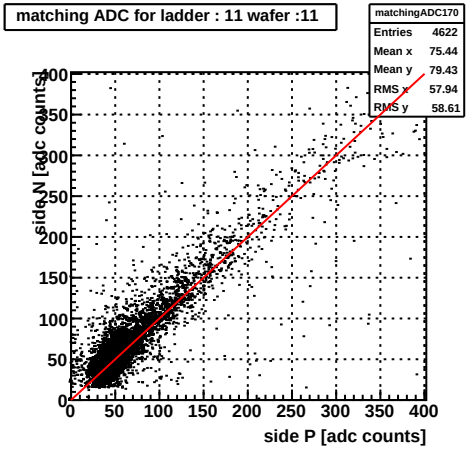

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 7317
Mean x 63.04
Mean y 68.14
RMS x 50.38
RMS y 51.69
side N [adc counts]
side P [adc counts]

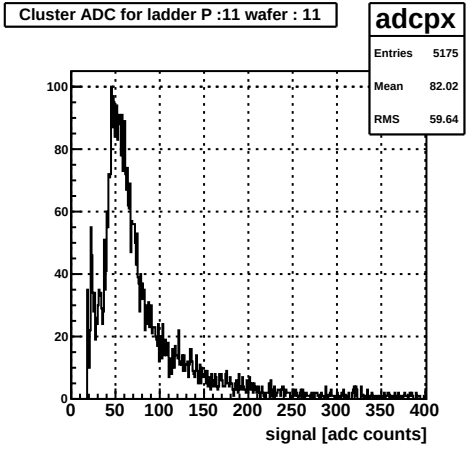

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 7726
Mean 59.72
RMS 49.6
signal [adc counts]

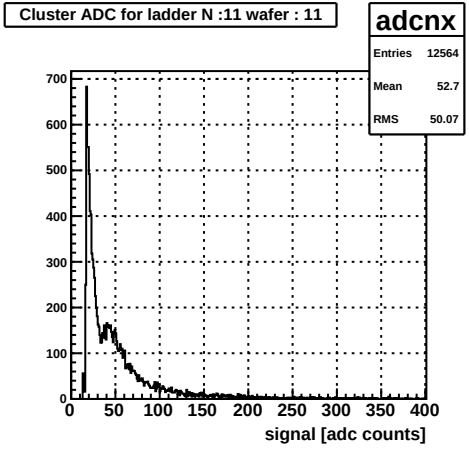

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 10017
Mean 60.34
RMS 51.08
signal [adc counts]

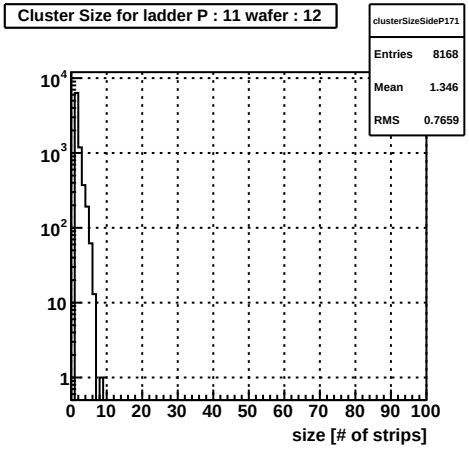

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 5175
Mean 1.233
RMS 0.5737
size [# of strips]

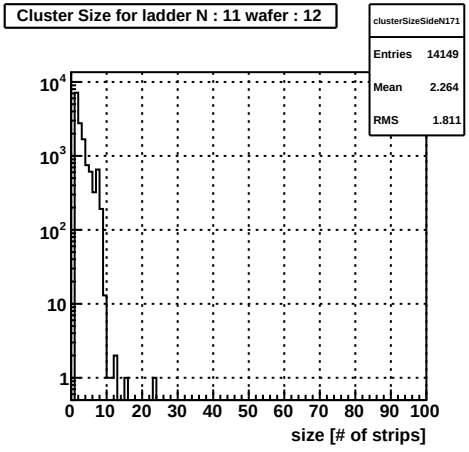

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 12564
Mean 1.357
RMS 0.6692
size [# of strips]

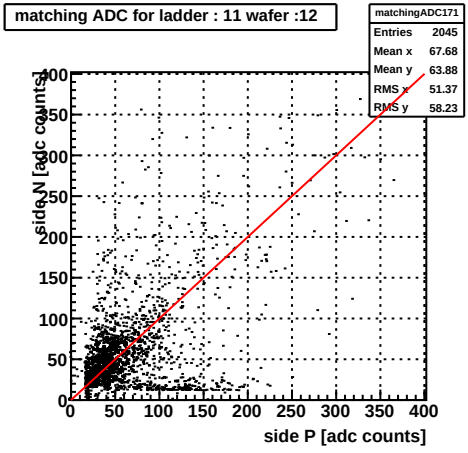

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 4622
Mean x 75.44
Mean y 79.43
RMS x 57.94
RMS y 58.61
side N [adc counts]
side P [adc counts]

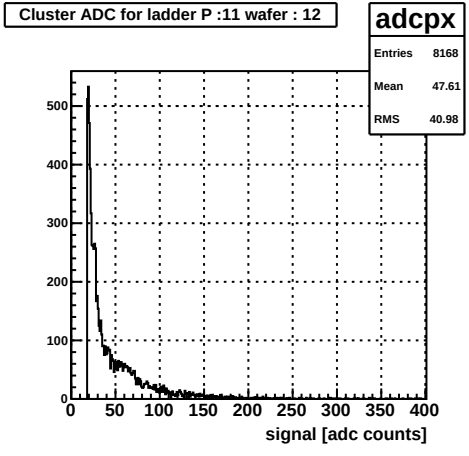

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 5175
Mean 82.02
RMS 59.64
signal [adc counts]

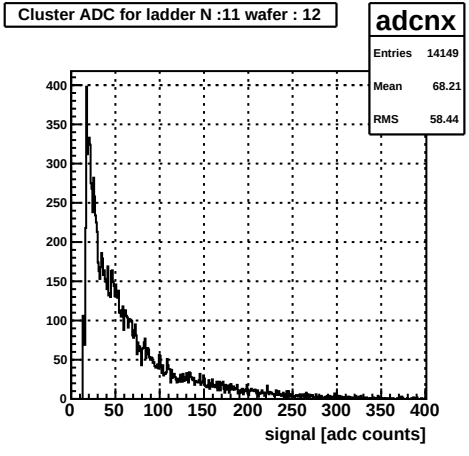

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 12564
Mean 52.7
RMS 50.07
signal [adc counts]

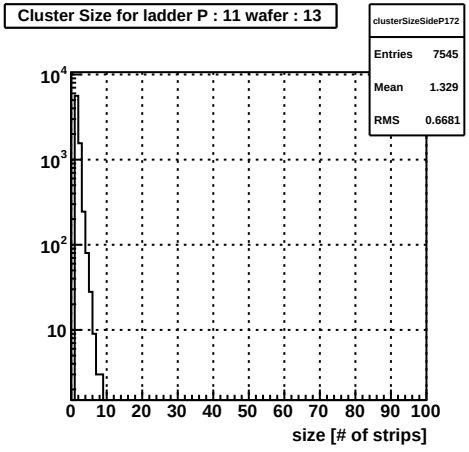

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8168
Mean 1.346
RMS 0.7659
size [# of strips]

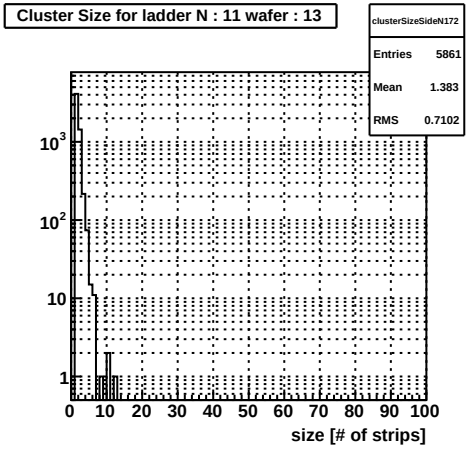

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14149
Mean 2.264
RMS 1.811
size [# of strips]

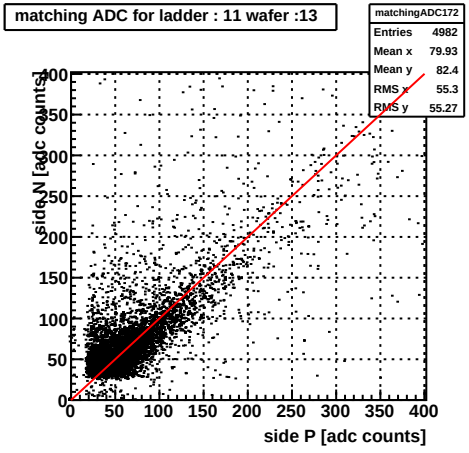

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 2045
Mean x 67.68
Mean y 63.88
RMS x 51.37
RMS y 58.23
side N [adc counts]
side P [adc counts]

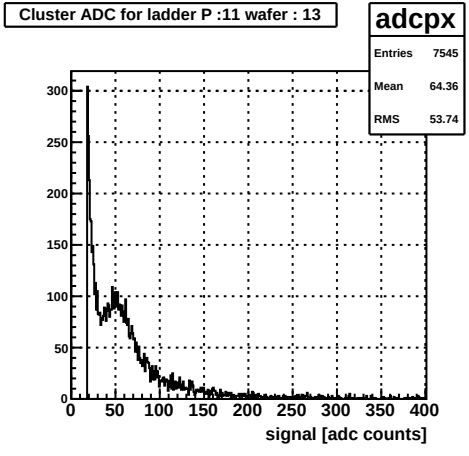

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8168
Mean 47.61
RMS 40.98
signal [adc counts]

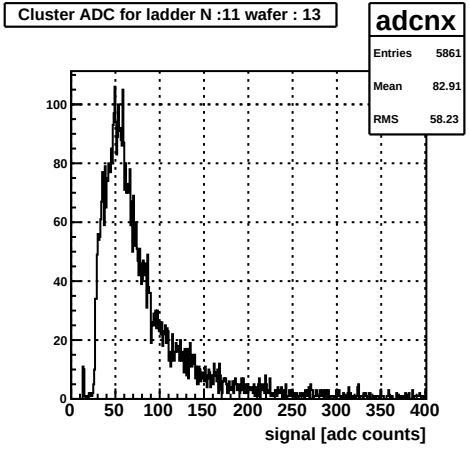

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14149
Mean 68.21
RMS 58.44
signal [adc counts]

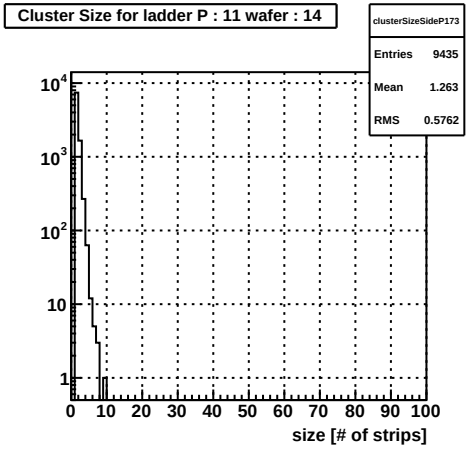

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 7545
Mean 1.329
RMS 0.6681
size [# of strips]

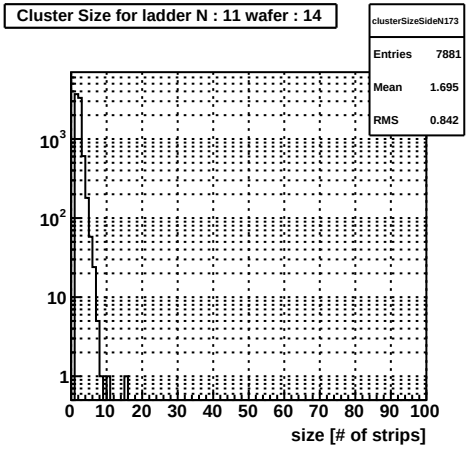

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 5861
Mean 1.383
RMS 0.7102
size [# of strips]

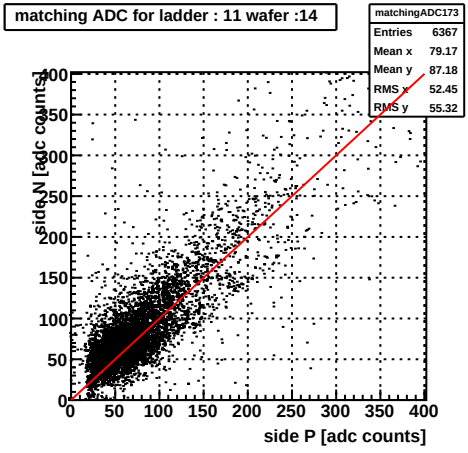

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 4982
Mean x 79.93
Mean y 82.4
RMS x 55.3
RMS y 55.27
side N [adc counts]
side P [adc counts]

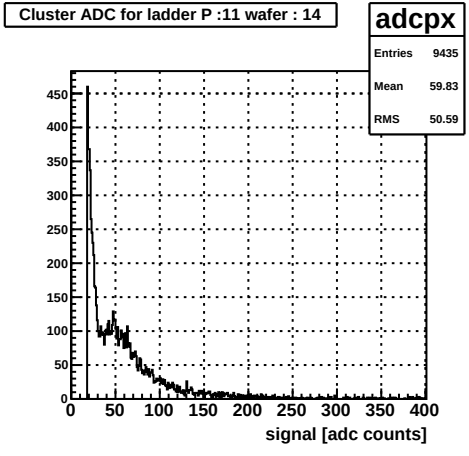

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 7545
Mean 64.36
RMS 53.74
signal [adc counts]

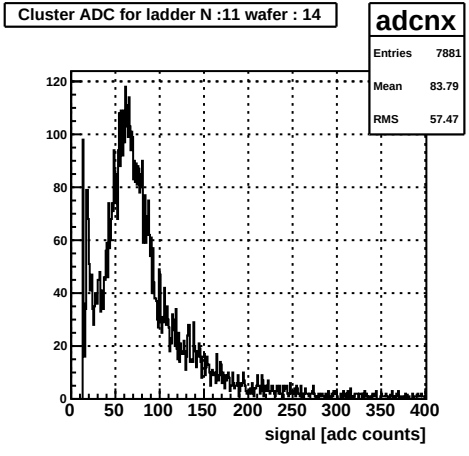

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 5861
Mean 82.91
RMS 58.23
signal [adc counts]

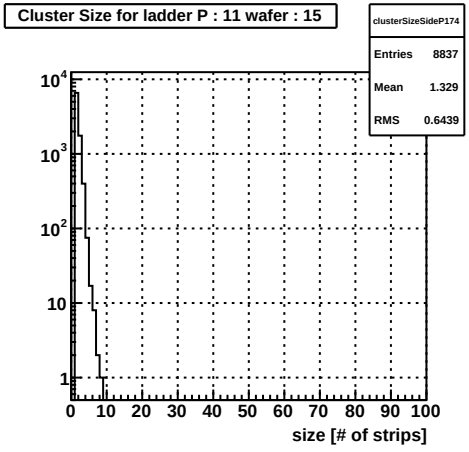

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 9435
Mean 1.263
RMS 0.5762
size [# of strips]

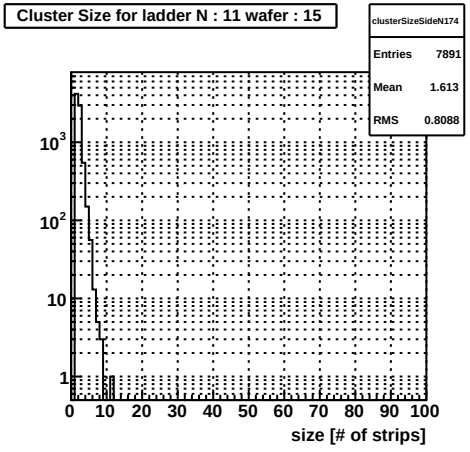

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 7881
Mean 1.695
RMS 0.842
size [# of strips]

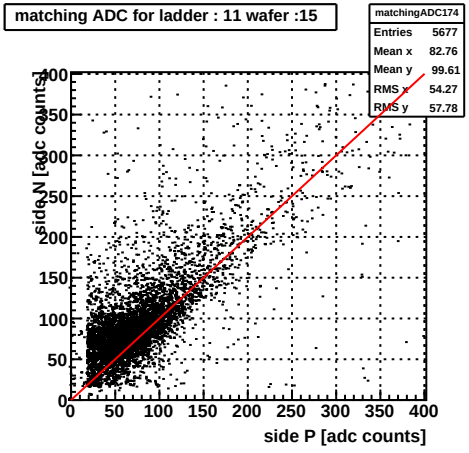

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 6367
Mean x 79.17
Mean y 87.18
RMS x 52.45
RMS y 55.32
side N [adc counts]
side P [adc counts]

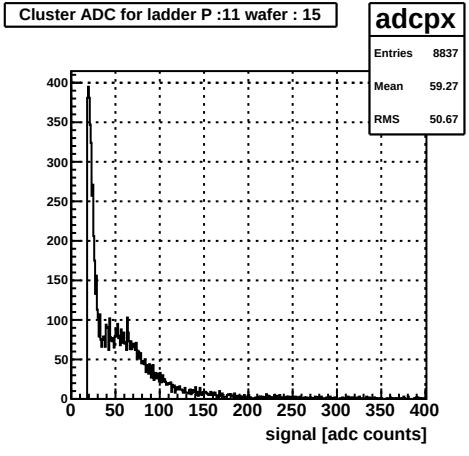

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 9435
Mean 59.83
RMS 50.59
signal [adc counts]

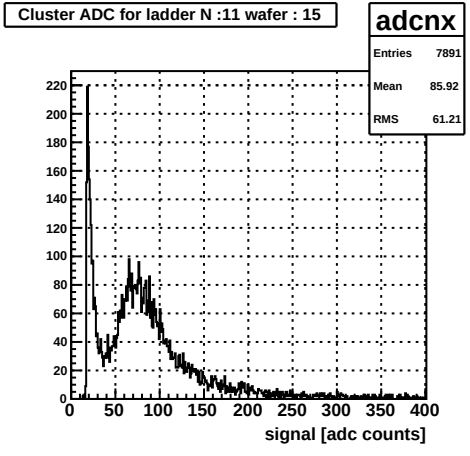

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 7881
Mean 83.79
RMS 57.47
signal [adc counts]

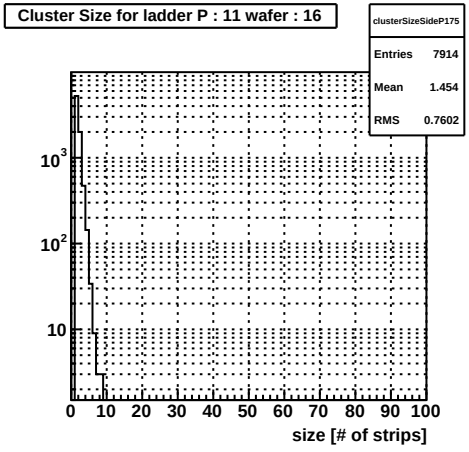

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 8837
Mean 1.329
RMS 0.6439
size [# of strips]

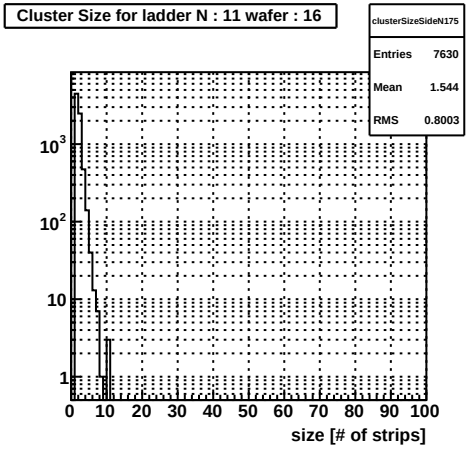

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 7891
Mean 1.613
RMS 0.8088
size [# of strips]

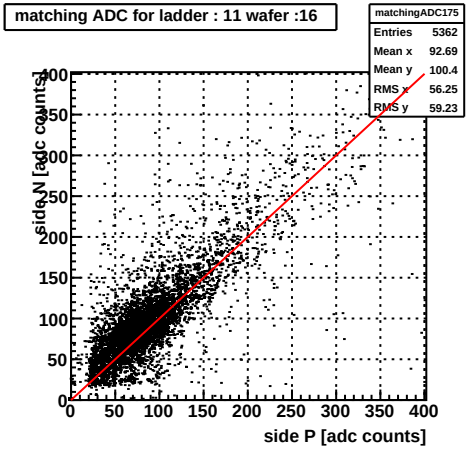

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 5677
Mean x 82.76
Mean y 99.61
RMS x 54.27
RMS y 57.78
side N [adc counts]
side P [adc counts]

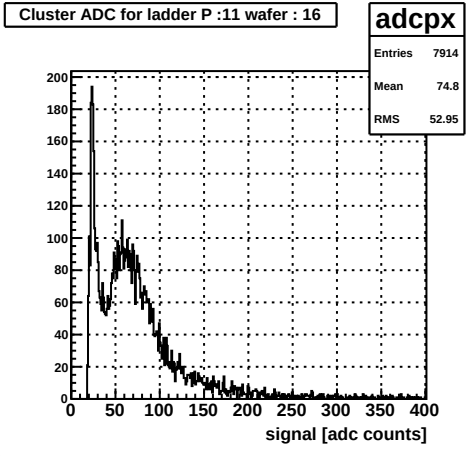

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 8837
Mean 59.27
RMS 50.67
signal [adc counts]

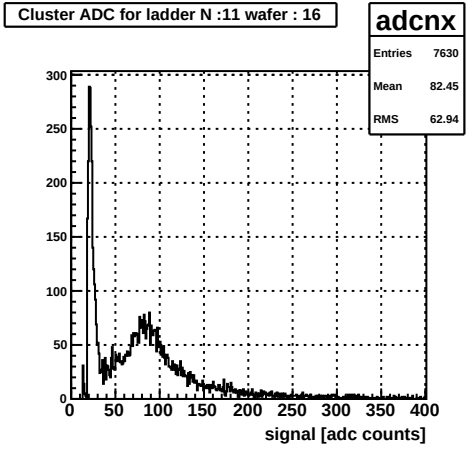

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 7891
Mean 85.92
RMS 61.21
signal [adc counts]

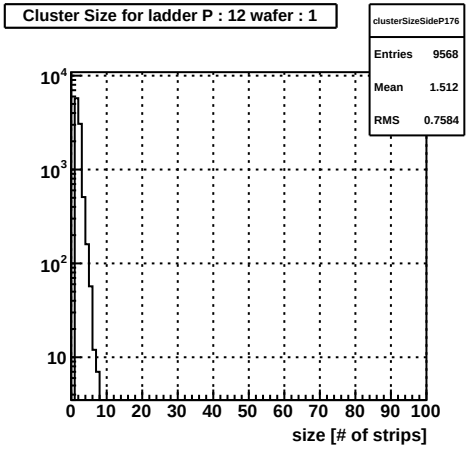

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 7914
Mean 1.454
RMS 0.7602
size [# of strips]

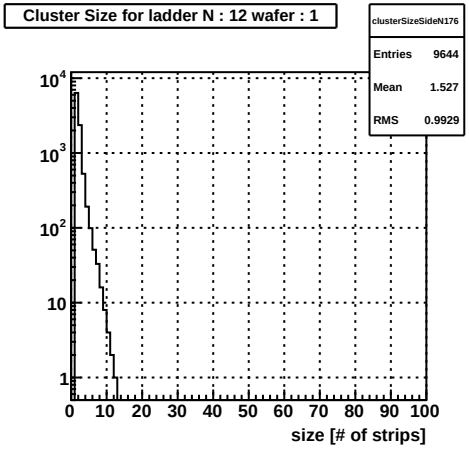

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 7630
Mean 1.544
RMS 0.8003
size [# of strips]

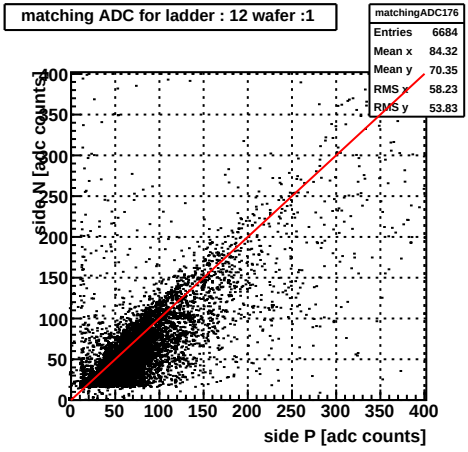

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 5362
Mean x 92.69
Mean y 100.4
RMS x 56.25
RMS y 59.23
side N [adc counts]
side P [adc counts]

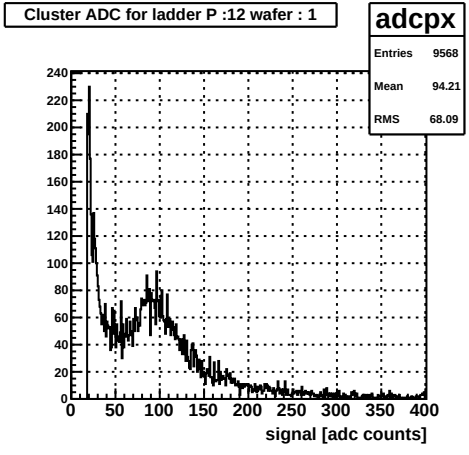

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 7914
Mean 74.8
RMS 52.95
signal [adc counts]

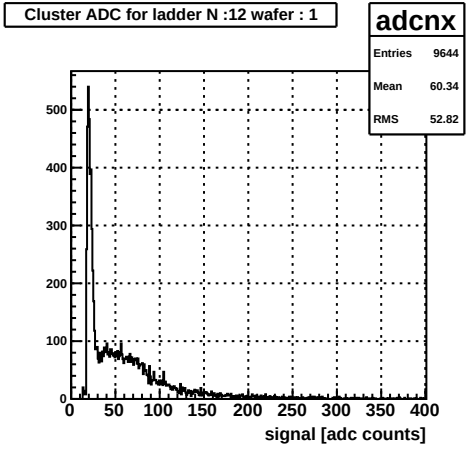

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 7630
Mean 82.45
RMS 62.94
signal [adc counts]

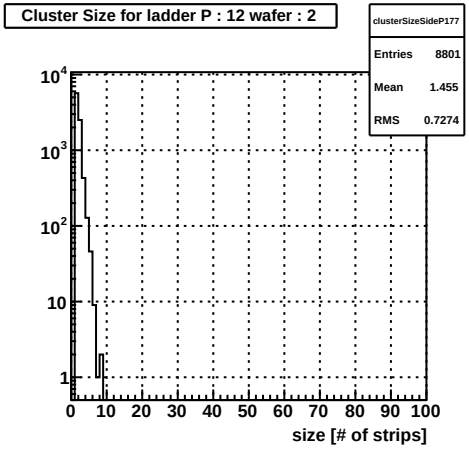

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 9568
Mean 1.512
RMS 0.7584
size [# of strips]

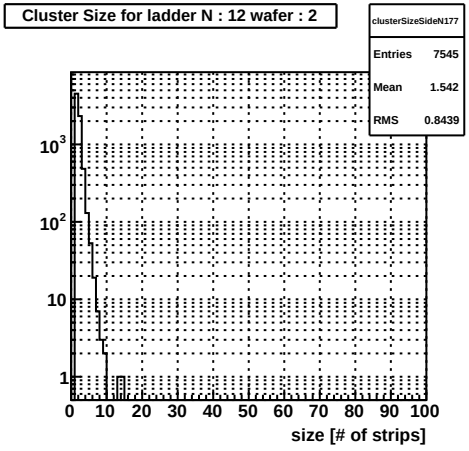

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 9644
Mean 1.527
RMS 0.9929
size [# of strips]

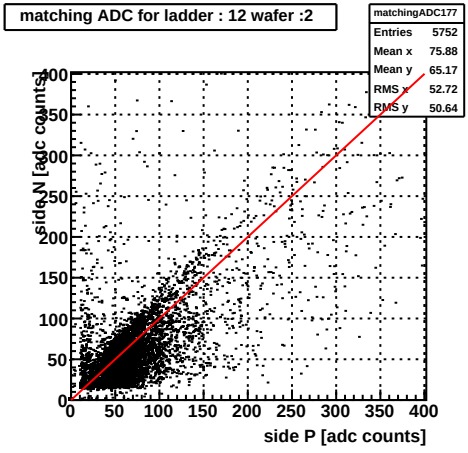

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 6684
Mean x 84.32
Mean y 70.35
RMS x 58.23
RMS y 53.83
side N [adc counts]
side P [adc counts]

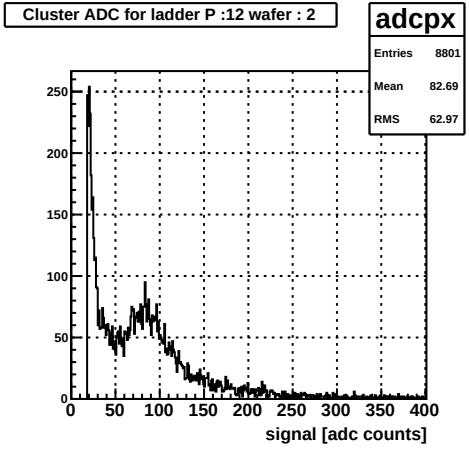

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 9568
Mean 94.21
RMS 68.09
signal [adc counts]

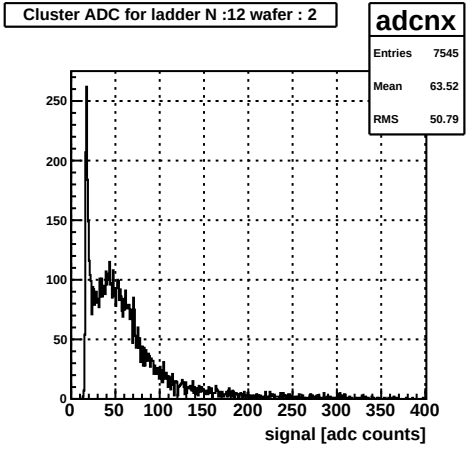

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 9644
Mean 60.34
RMS 52.82
signal [adc counts]

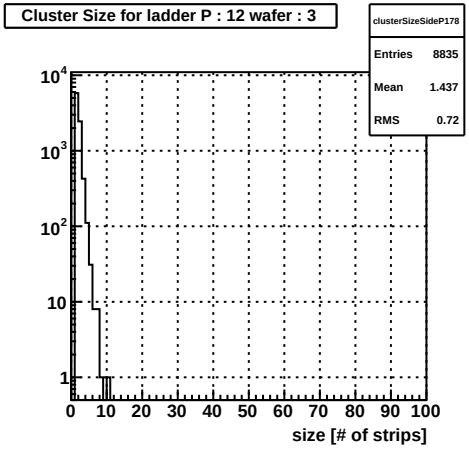

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 8801
Mean 1.455
RMS 0.7274
size [# of strips]

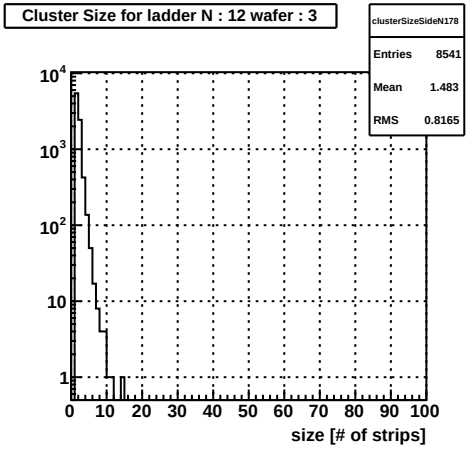

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 7545
Mean 1.542
RMS 0.8439
size [# of strips]

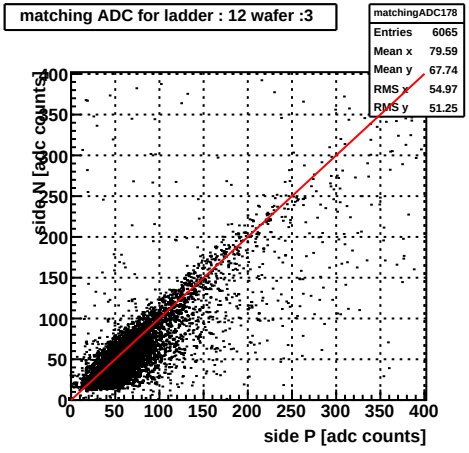

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 5752
Mean x 75.88
Mean y 65.17
RMS x 52.72
RMS y 50.64
side N [adc counts]
side P [adc counts]

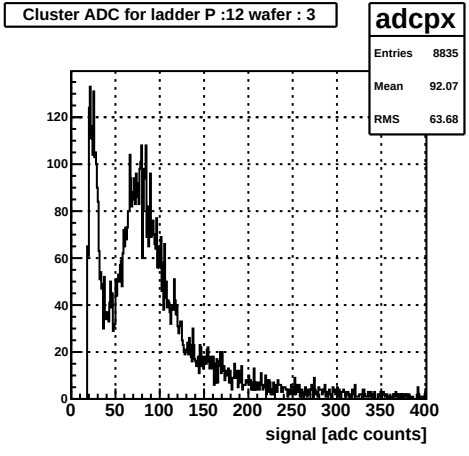

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 8801
Mean 82.69
RMS 62.97
signal [adc counts]

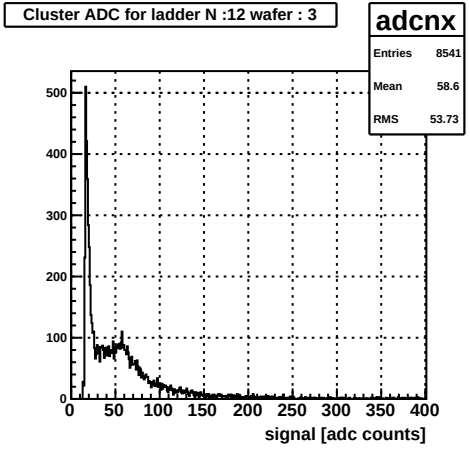

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 7545
Mean 63.52
RMS 50.79
signal [adc counts]

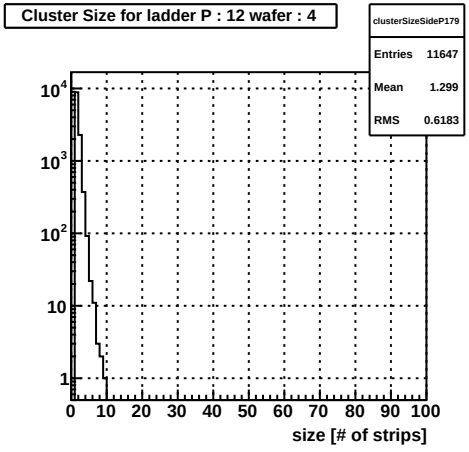

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 8835
Mean 1.437
RMS 0.72
size [# of strips]

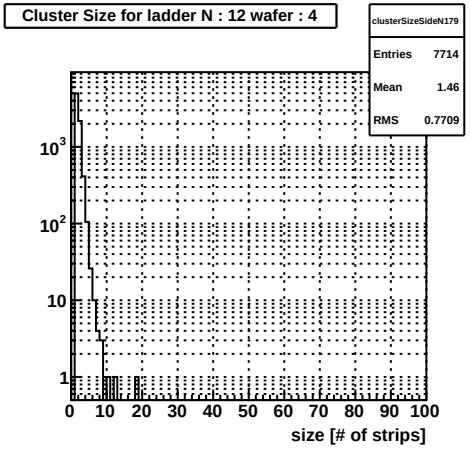

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 8541
Mean 1.483
RMS 0.8165
size [# of strips]

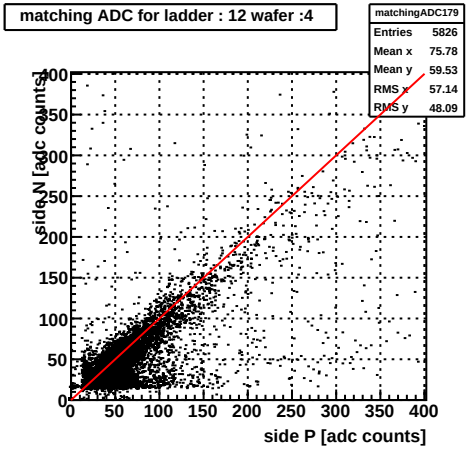

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 6065
Mean x 79.59
Mean y 67.74
RMS x 54.97
RMS y 51.25
side N [adc counts]
side P [adc counts]

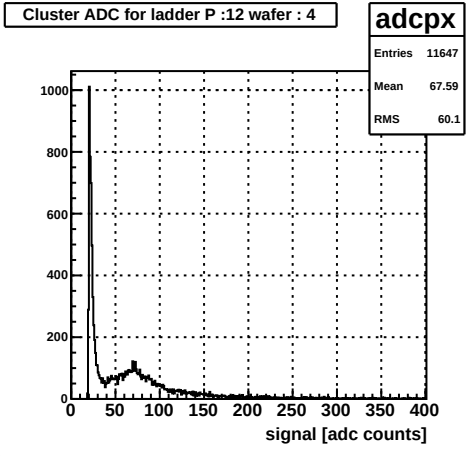

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 8835
Mean 92.07
RMS 63.68
signal [adc counts]

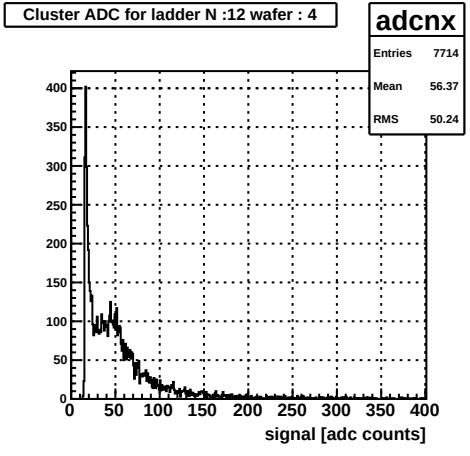

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 8541
Mean 58.6
RMS 53.73
signal [adc counts]

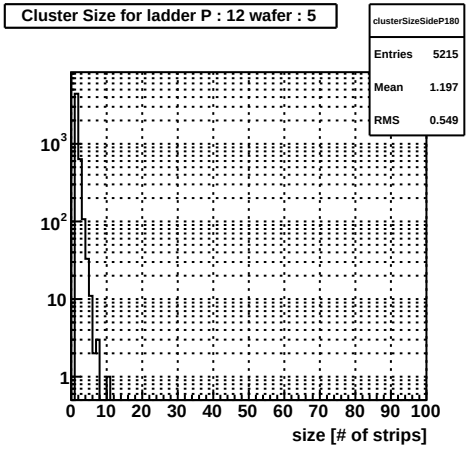

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 11647
Mean 1.299
RMS 0.6183
size [# of strips]

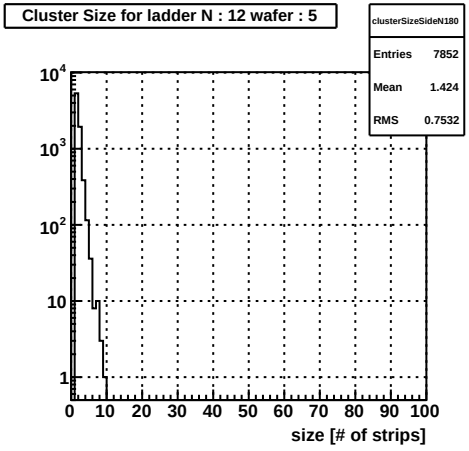

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 7714
Mean 1.46
RMS 0.7709
size [# of strips]

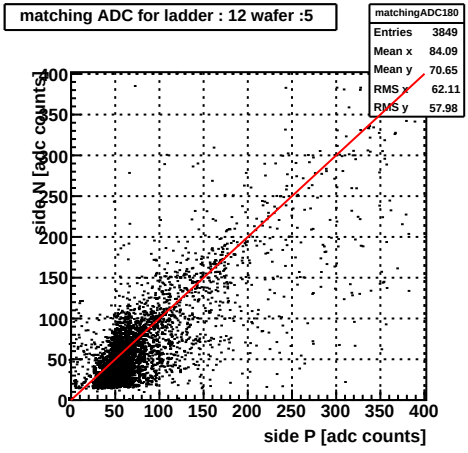

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 5826
Mean x 75.78
Mean y 59.53
RMS x 57.14
RMS y 48.09
side N [adc counts]
side P [adc counts]

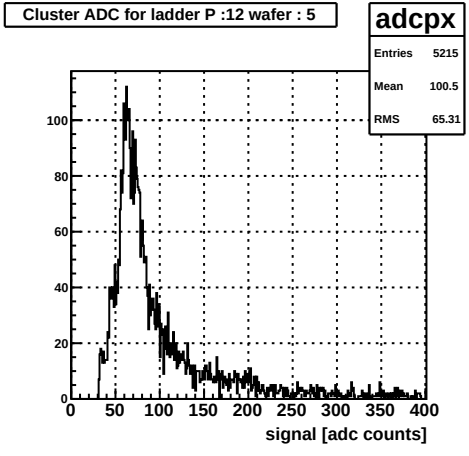

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 11647
Mean 67.59
RMS 60.1
signal [adc counts]

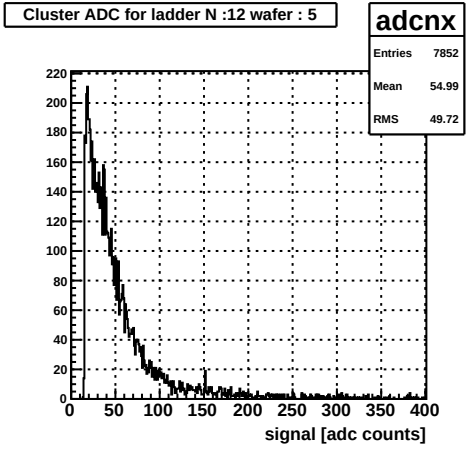

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 7714
Mean 56.37
RMS 50.24
signal [adc counts]

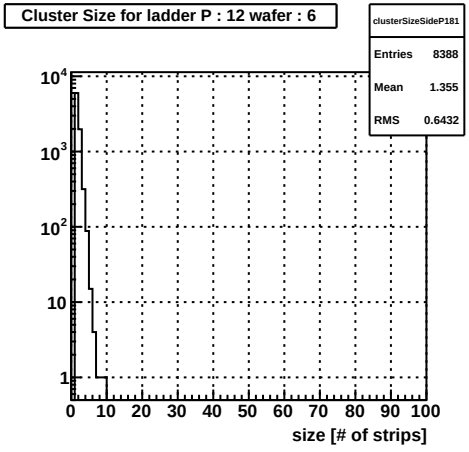

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 5215
Mean 1.197
RMS 0.549
size [# of strips]

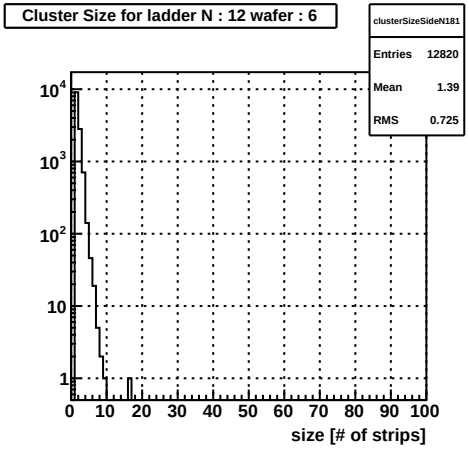

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7852
Mean 1.424
RMS 0.7532
size [# of strips]

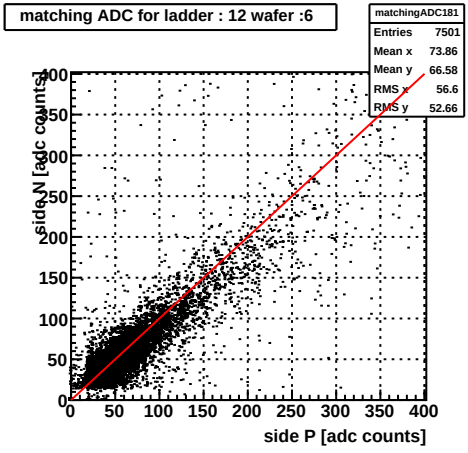

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 3849
Mean x 84.09
Mean y 70.65
RMS x 62.11
RMS y 57.98
side N [adc counts]
side P [adc counts]

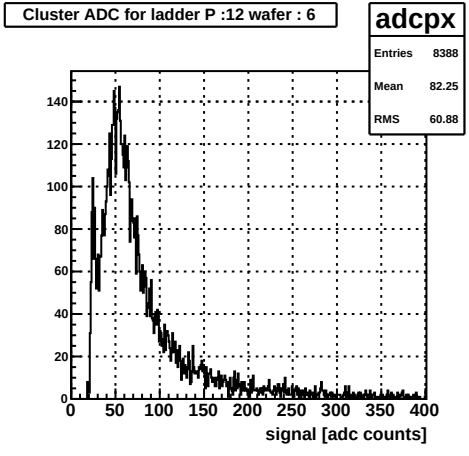

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 5215
Mean 100.5
RMS 65.31
signal [adc counts]

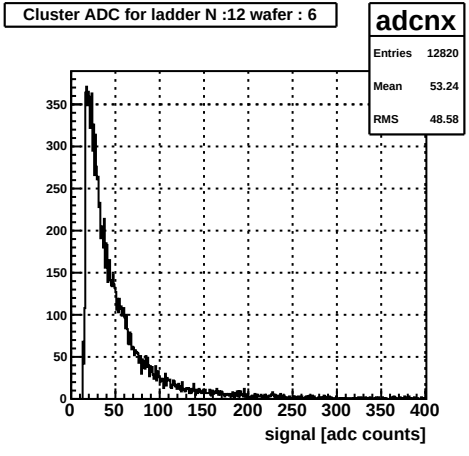

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7852
Mean 54.99
RMS 49.72
signal [adc counts]

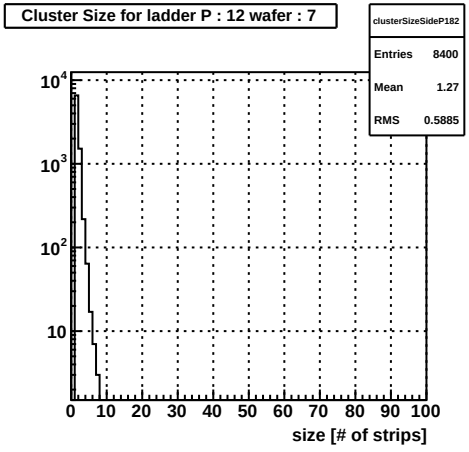

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 8388
Mean 1.355
RMS 0.6432
size [# of strips]

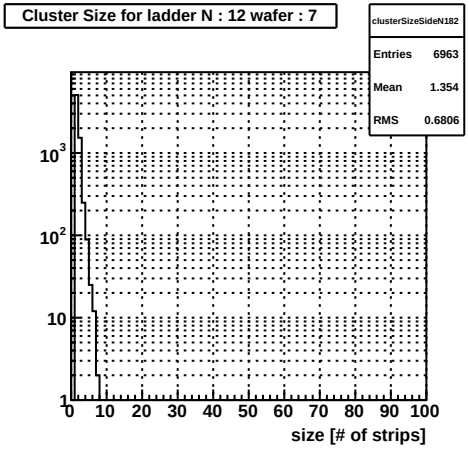

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 12820
Mean 1.39
RMS 0.725
size [# of strips]

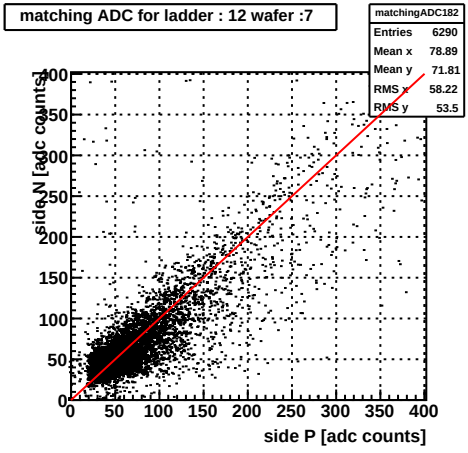

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 7501
Mean x 73.86
Mean y 66.58
RMS x 56.6
RMS y 52.66
side N [adc counts]
side P [adc counts]

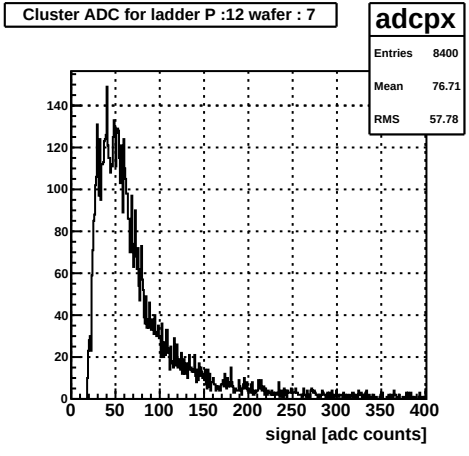

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 8388
Mean 82.25
RMS 60.88
signal [adc counts]

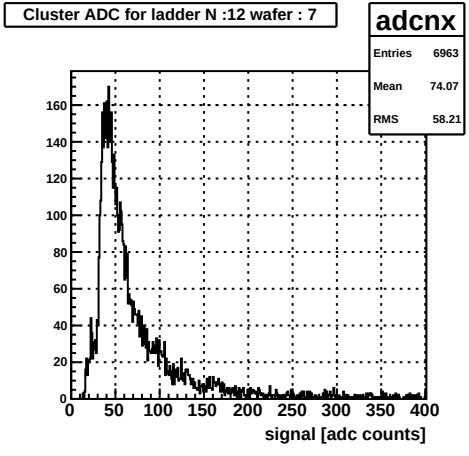

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 12820
Mean 53.24
RMS 48.58
signal [adc counts]

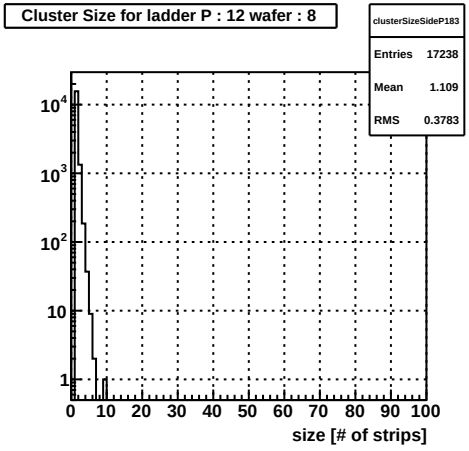

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 8400
Mean 1.27
RMS 0.5885
size [# of strips]

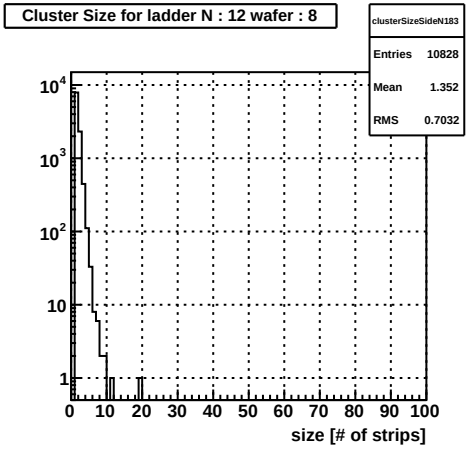

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 6963
Mean 1.354
RMS 0.6806
size [# of strips]

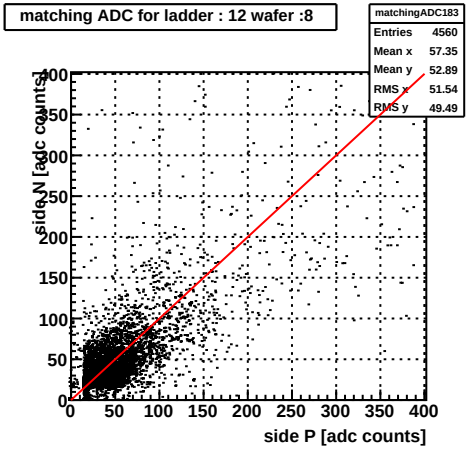

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 6290
Mean x 78.89
Mean y 71.81
RMS x 58.22
RMS y 53.5
side N [adc counts]
side P [adc counts]

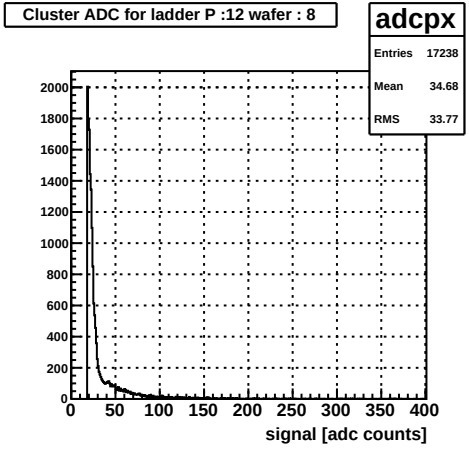

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 8400
Mean 76.71
RMS 57.78
signal [adc counts]

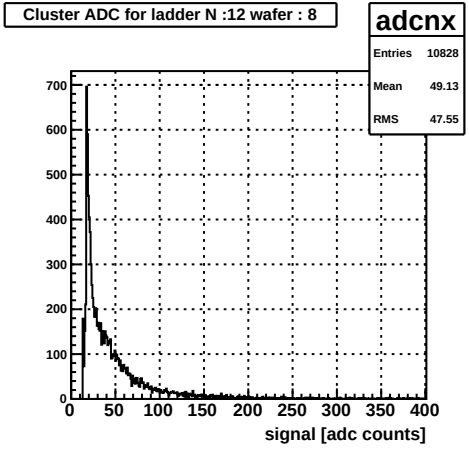

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 6963
Mean 74.07
RMS 58.21
signal [adc counts]

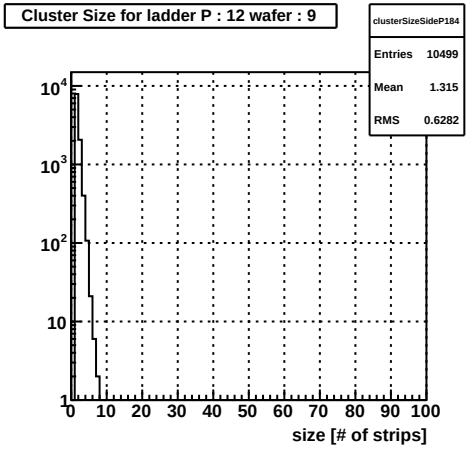

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 17238
Mean 1.109
RMS 0.3783
size [# of strips]

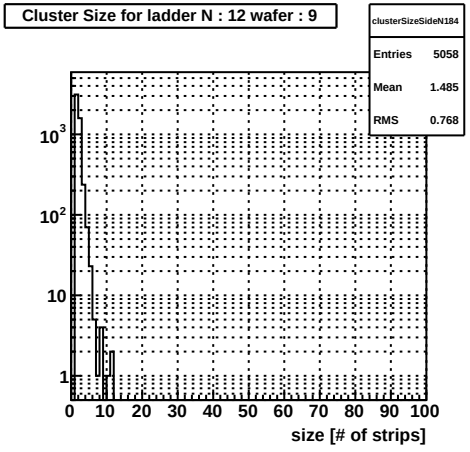

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 10828
Mean 1.352
RMS 0.7032
size [# of strips]

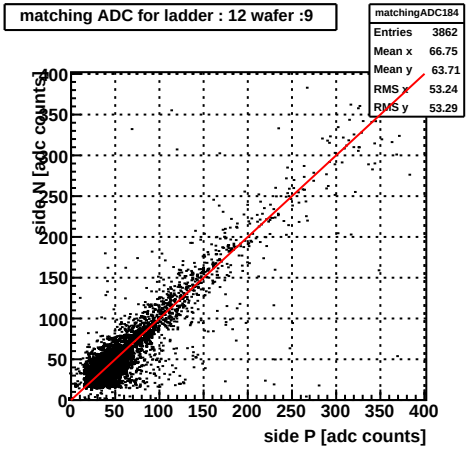

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 4560
Mean x 57.35
Mean y 52.89
RMS x 51.54
RMS y 49.49
side N [adc counts]
side P [adc counts]

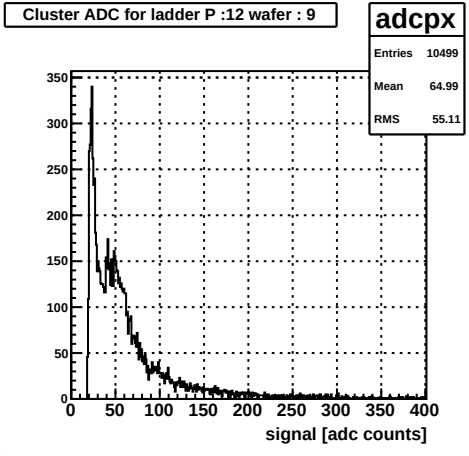

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 17238
Mean 34.68
RMS 33.77
signal [adc counts]

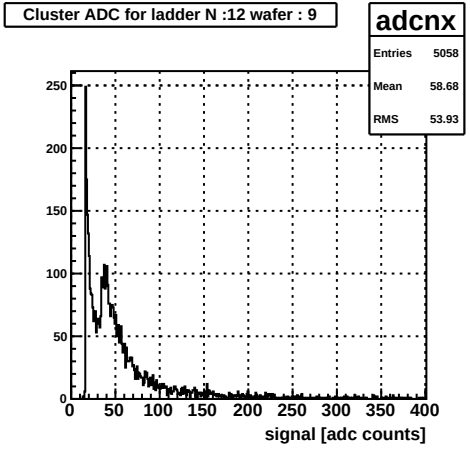

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 10828
Mean 49.13
RMS 47.55
signal [adc counts]

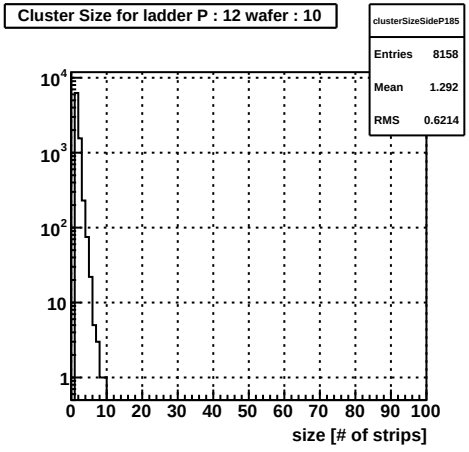

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 10499
Mean 1.315
RMS 0.6282
size [# of strips]

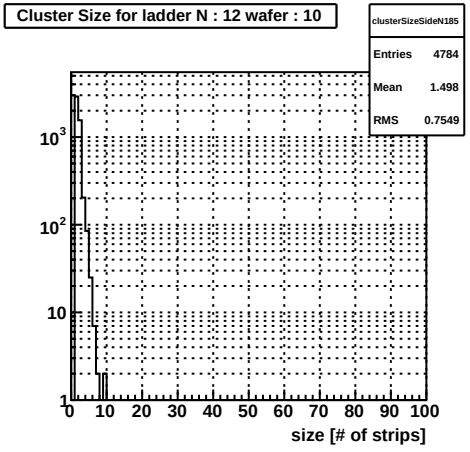

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5058
Mean 1.485
RMS 0.768
size [# of strips]

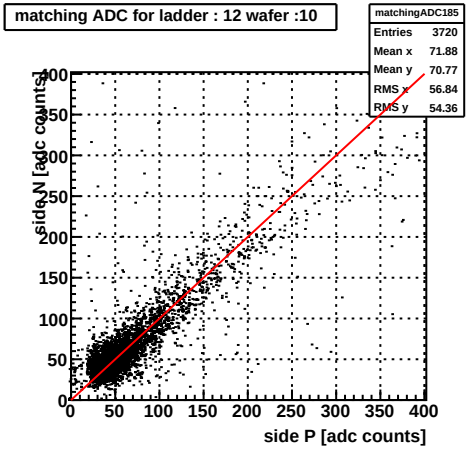

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 3862
Mean x 66.75
Mean y 63.71
RMS x 53.24
RMS y 53.29
side N [adc counts]
side P [adc counts]

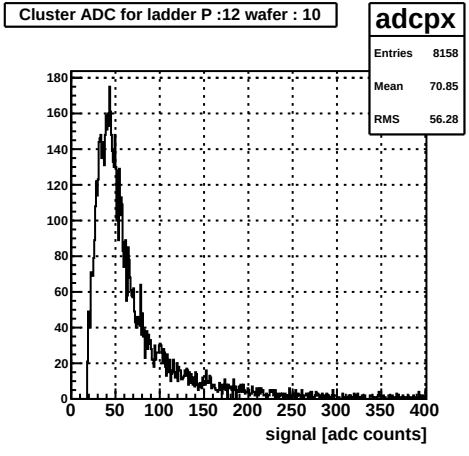

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 10499
Mean 64.99
RMS 55.11
signal [adc counts]

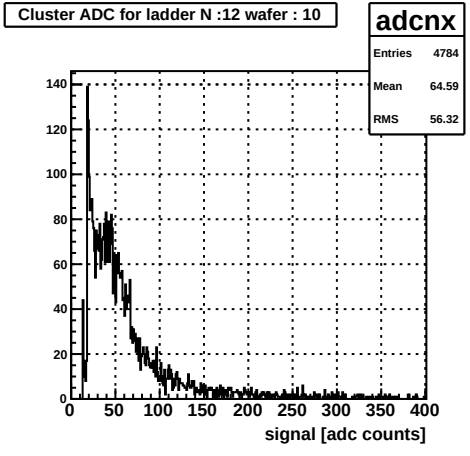

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5058
Mean 58.68
RMS 53.93
signal [adc counts]

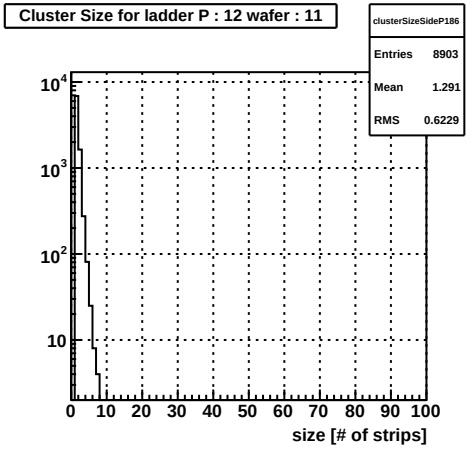

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 8158
Mean 1.292
RMS 0.6214
size [# of strips]

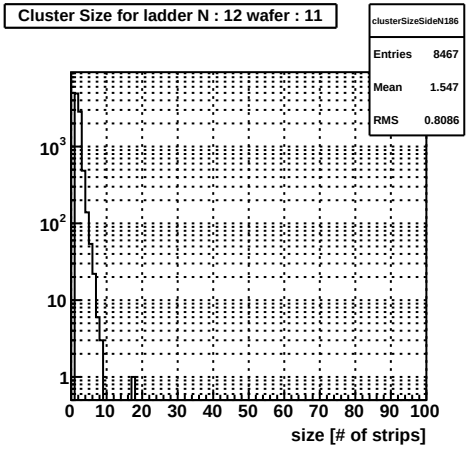

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4784
Mean 1.498
RMS 0.7549
size [# of strips]

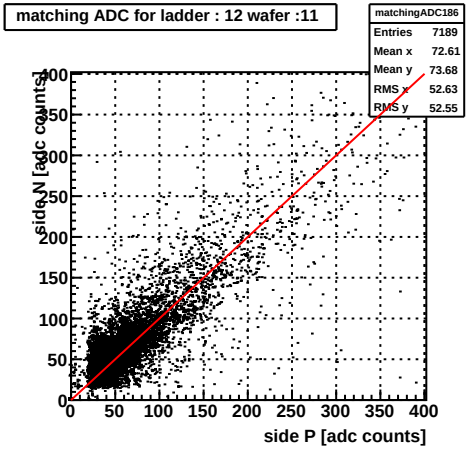

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 3720
Mean x 71.88
Mean y 70.77
RMS x 56.84
RMS y 54.36
side N [adc counts]
side P [adc counts]

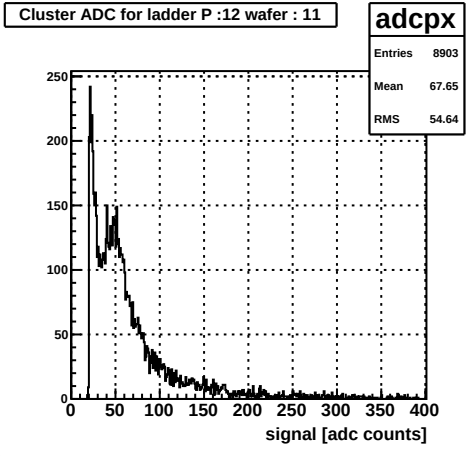

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 8158
Mean 70.85
RMS 56.28
signal [adc counts]

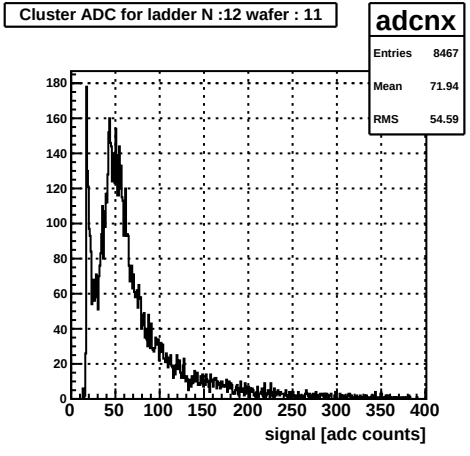

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4784
Mean 64.59
RMS 56.32
signal [adc counts]

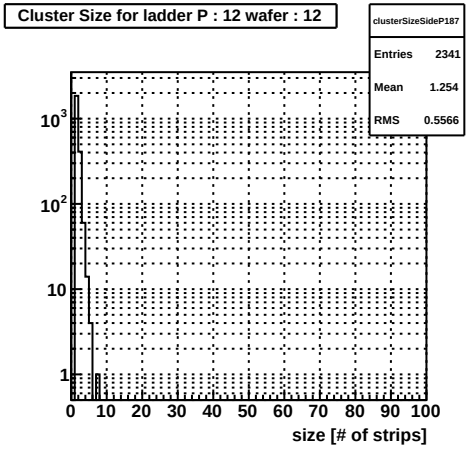

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8903
Mean 1.291
RMS 0.6229
size [# of strips]

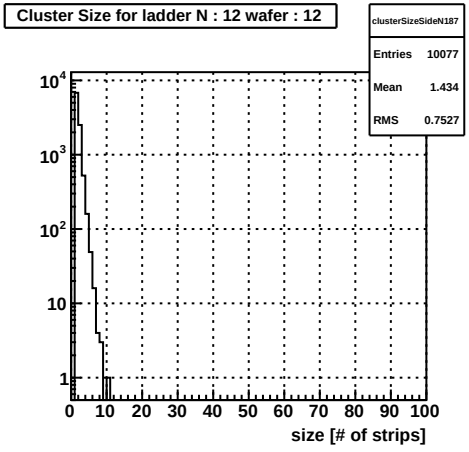

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 8467
Mean 1.547
RMS 0.8086
size [# of strips]

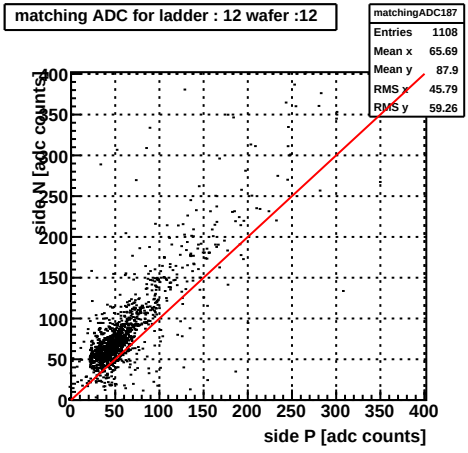

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 7189
Mean x 72.61
Mean y 73.68
RMS x 52.63
RMS y 52.55
side N [adc counts]
side P [adc counts]

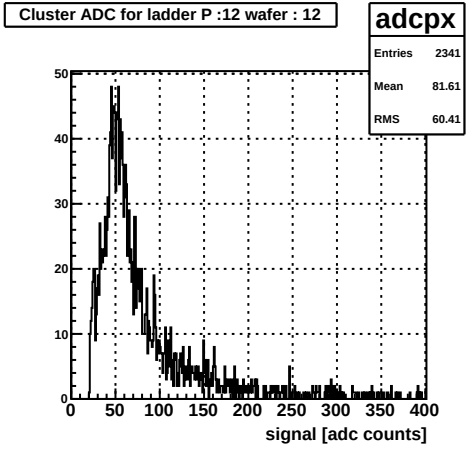

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8903
Mean 67.65
RMS 54.64
signal [adc counts]

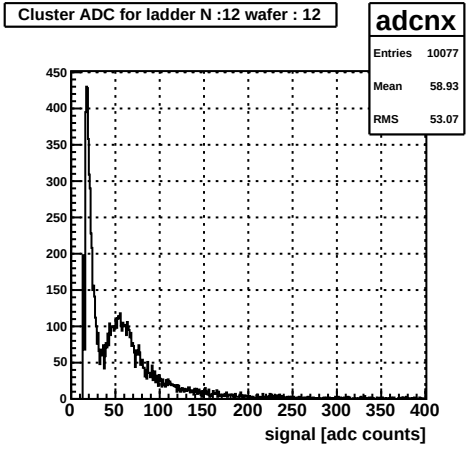

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 8467
Mean 71.94
RMS 54.59
signal [adc counts]

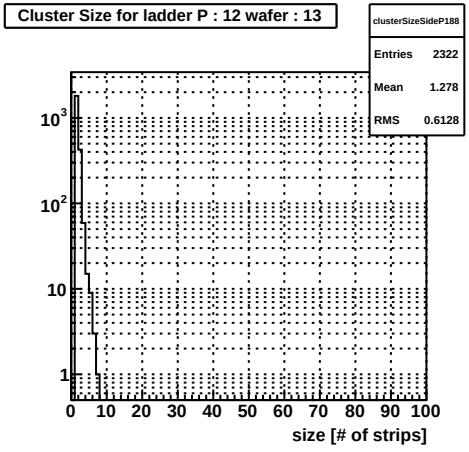

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2341
Mean 1.254
RMS 0.5566
size [# of strips]

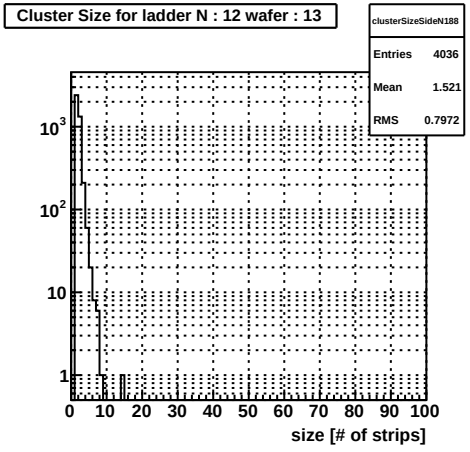

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 10077
Mean 1.434
RMS 0.7527
size [# of strips]

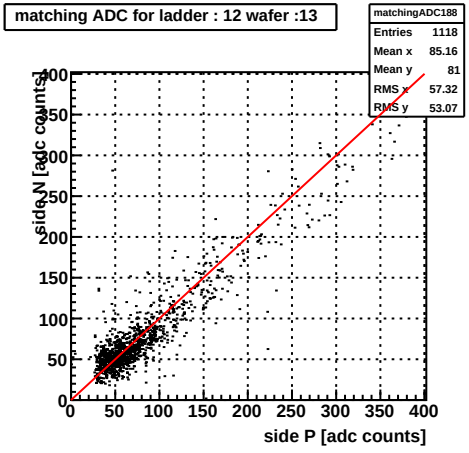

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1108
Mean x 65.69
Mean y 87.9
RMS x 45.79
RMS y 59.26
side N [adc counts]
side P [adc counts]

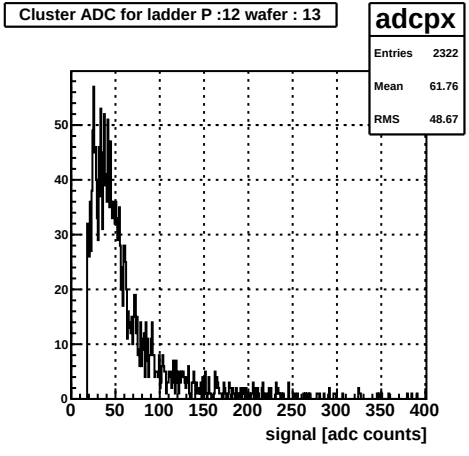

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2341
Mean 81.61
RMS 60.41
signal [adc counts]

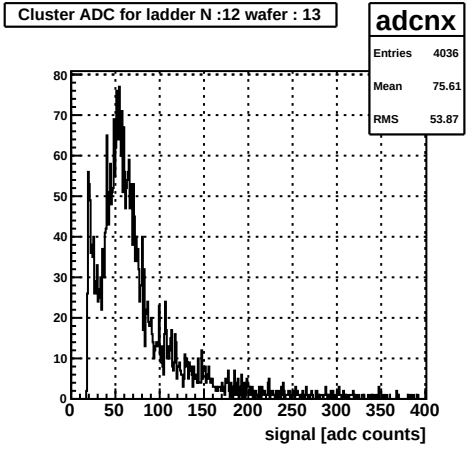

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 10077
Mean 58.93
RMS 53.07
signal [adc counts]

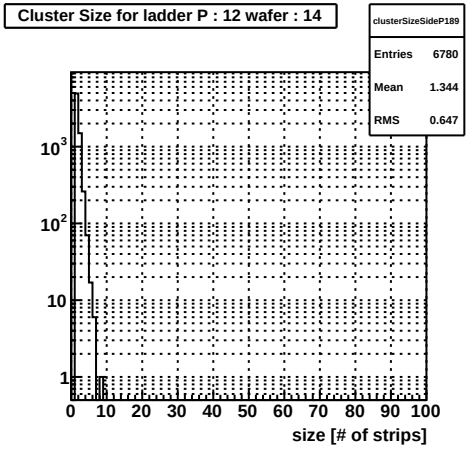

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2322
Mean 1.278
RMS 0.6128
size [# of strips]

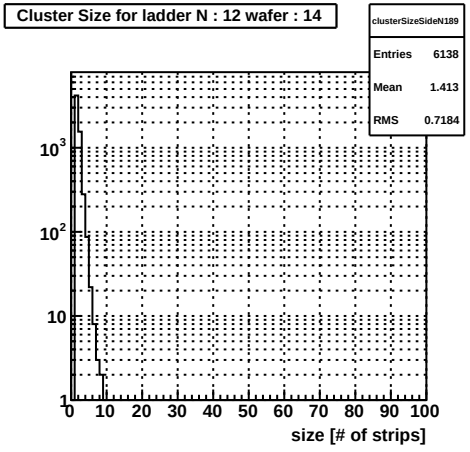

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 4036
Mean 1.521
RMS 0.7972
size [# of strips]

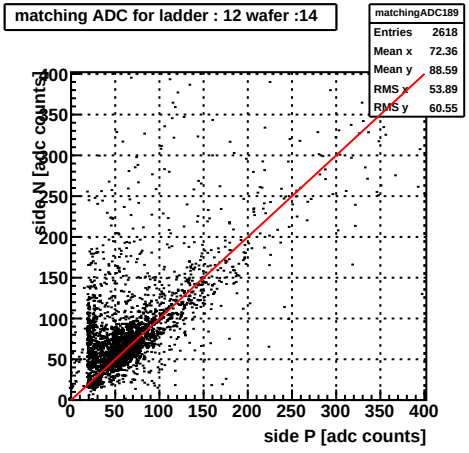

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1118
Mean x 85.16
Mean y 81
RMS x 57.32
RMS y 53.07
side N [adc counts]
side P [adc counts]

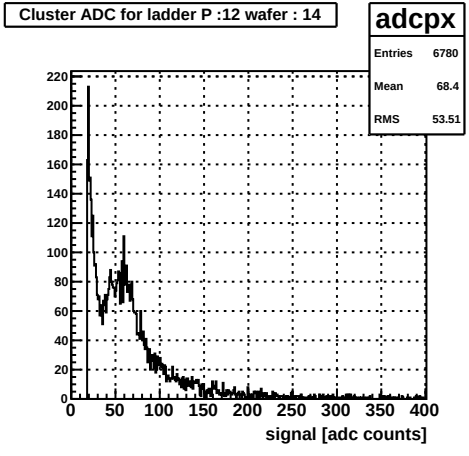

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2322
Mean 61.76
RMS 48.67
signal [adc counts]

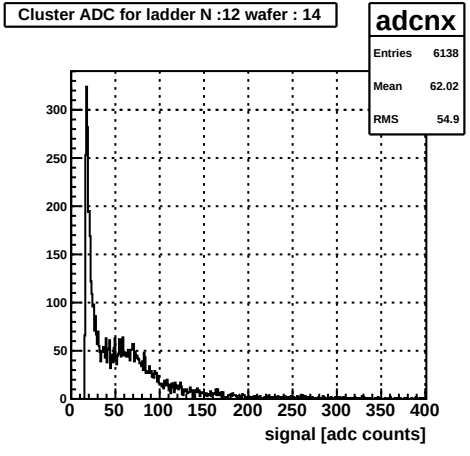

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 4036
Mean 75.61
RMS 53.87
signal [adc counts]

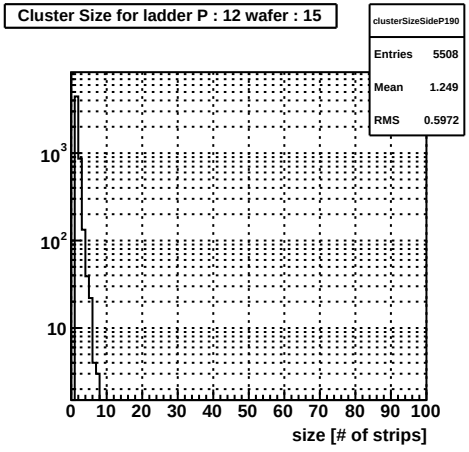

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 6780
Mean 1.344
RMS 0.647
size [# of strips]

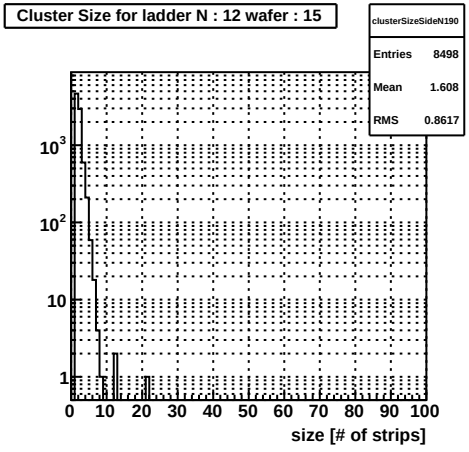

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 6138
Mean 1.413
RMS 0.7184
size [# of strips]

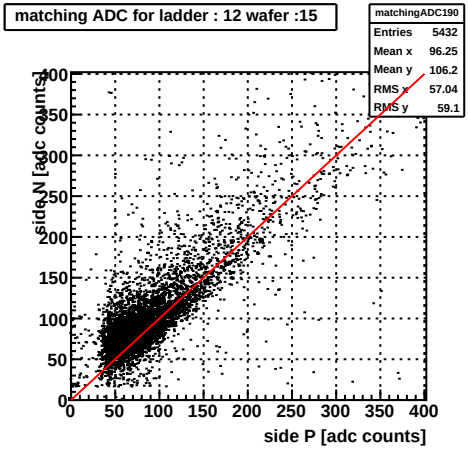

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2618
Mean x 72.36
Mean y 88.59
RMS x 53.89
RMS y 60.55
side N [adc counts]
side P [adc counts]

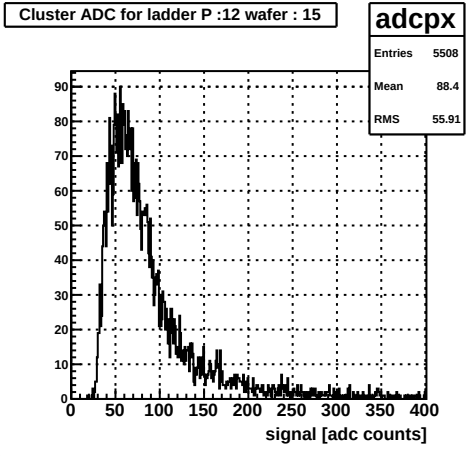

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 6780
Mean 68.4
RMS 53.51
signal [adc counts]

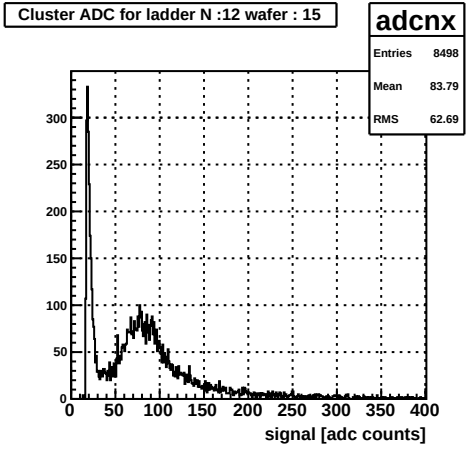

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 6138
Mean 62.02
RMS 54.9
signal [adc counts]

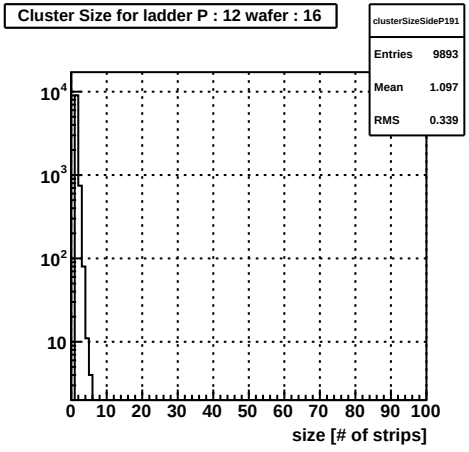

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 5508
Mean 1.249
RMS 0.5972
size [# of strips]

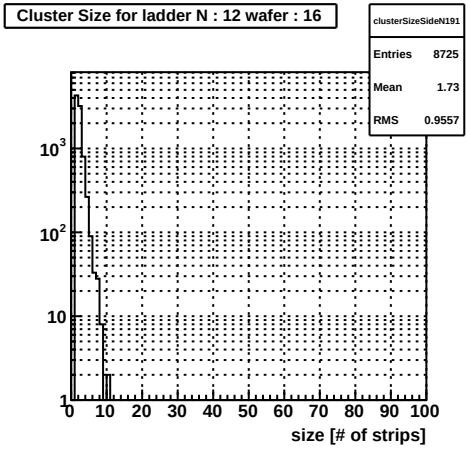

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 8498
Mean 1.608
RMS 0.8617
size [# of strips]

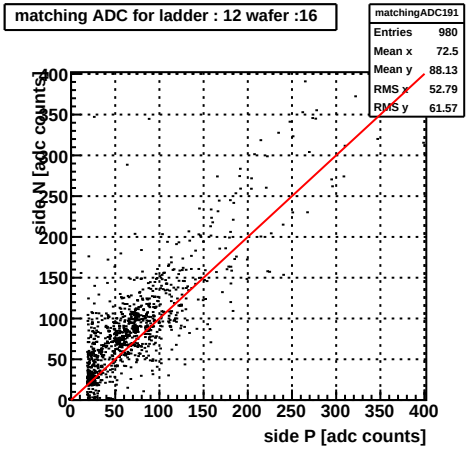

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 5432
Mean x 96.25
Mean y 106.2
RMS x 57.04
RMS y 59.1
side N [adc counts]
side P [adc counts]

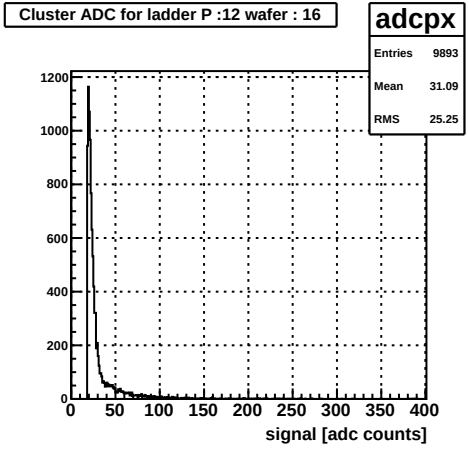

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 5508
Mean 88.4
RMS 55.91
signal [adc counts]

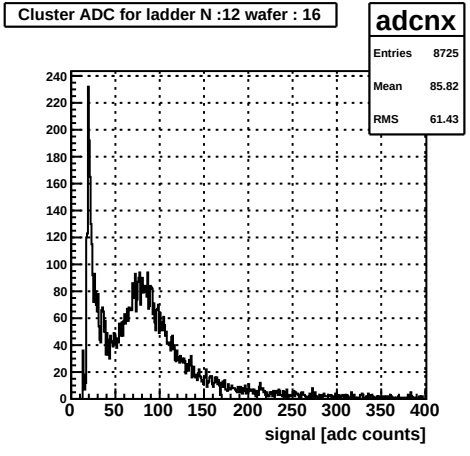

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 8498
Mean 83.79
RMS 62.69
signal [adc counts]

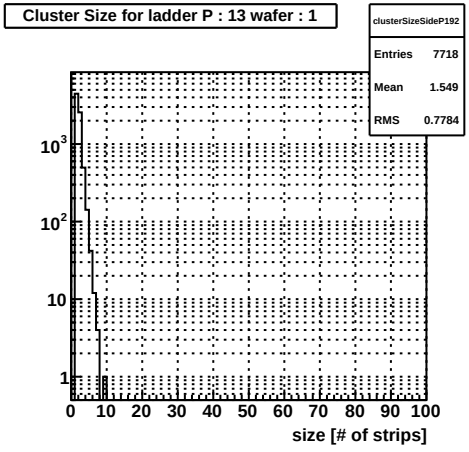

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 9893
Mean 1.097
RMS 0.339
size [# of strips]

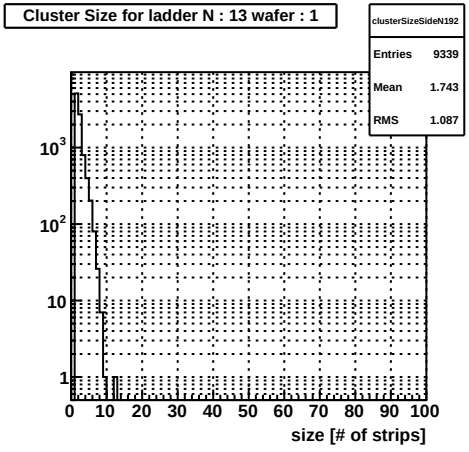

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 8725
Mean 1.73
RMS 0.9557
size [# of strips]

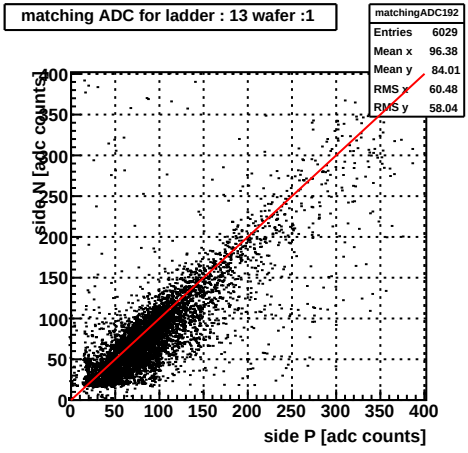

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 980
Mean x 72.5
Mean y 88.13
RMS x 52.79
RMS y 61.57
side N [adc counts]
side P [adc counts]

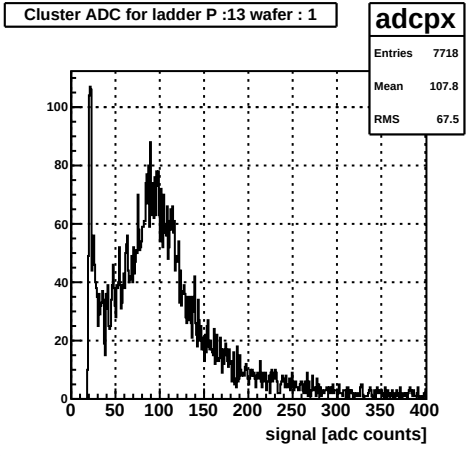

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 9893
Mean 31.09
RMS 25.25
signal [adc counts]

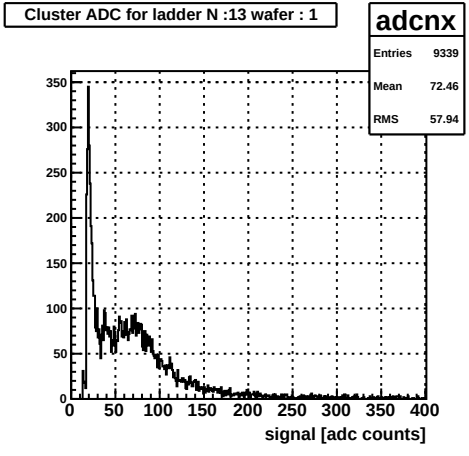

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 8725
Mean 85.82
RMS 61.43
signal [adc counts]

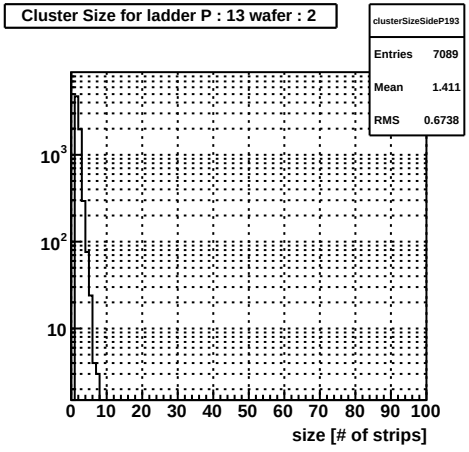

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 7718
Mean 1.549
RMS 0.7784
size [# of strips]

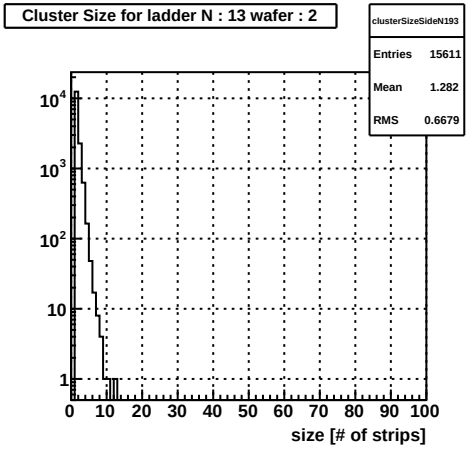

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 9339
Mean 1.743
RMS 1.087
size [# of strips]

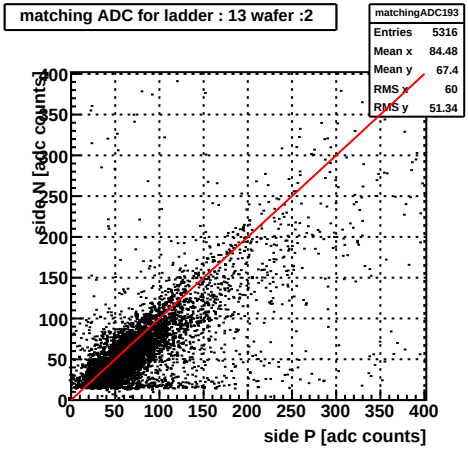

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 6029
Mean x 96.38
Mean y 84.01
RMS x 60.48
RMS y 58.04
side N [adc counts]
side P [adc counts]

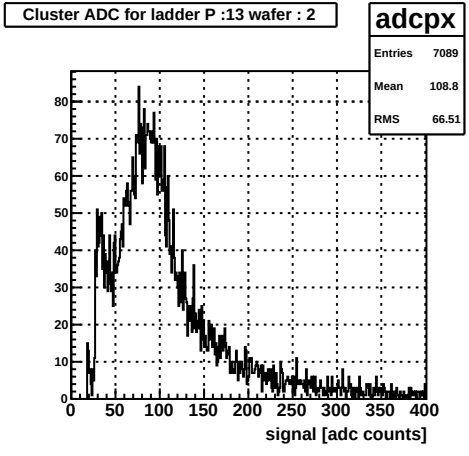

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 7718
Mean 107.8
RMS 67.5
signal [adc counts]

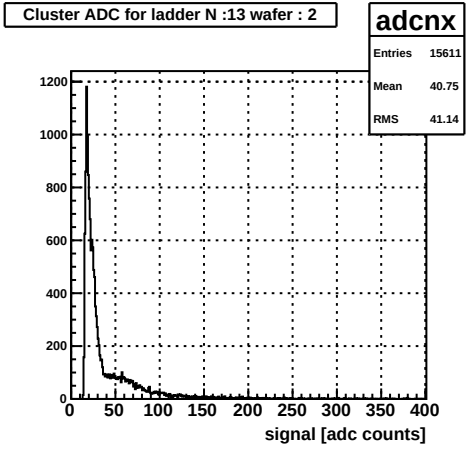

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 9339
Mean 72.46
RMS 57.94
signal [adc counts]

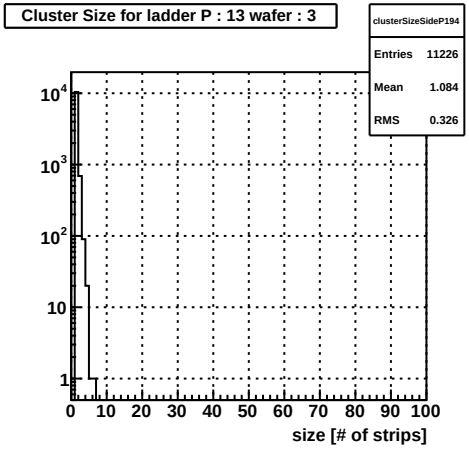

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 7089
Mean 1.411
RMS 0.6738
size [# of strips]

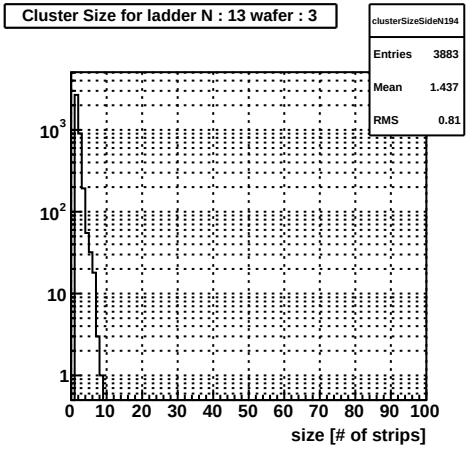

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 15611
Mean 1.282
RMS 0.6679
size [# of strips]

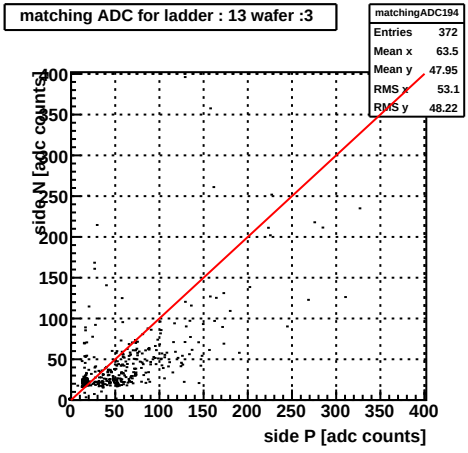

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 5316
Mean x 84.48
Mean y 67.4
RMS x 60
RMS y 51.34
side N [adc counts]
side P [adc counts]

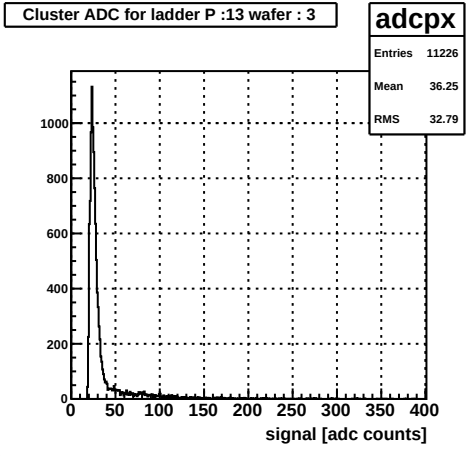

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 7089
Mean 108.8
RMS 66.51
signal [adc counts]

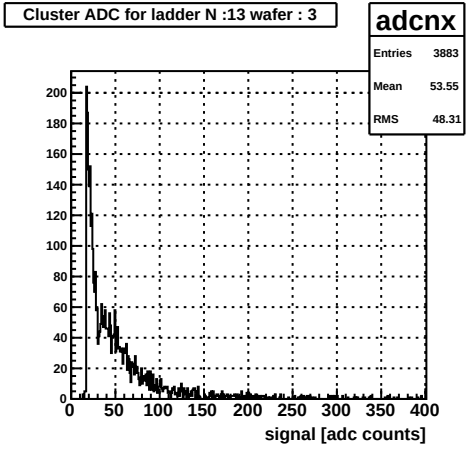

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 15611
Mean 40.75
RMS 41.14
signal [adc counts]

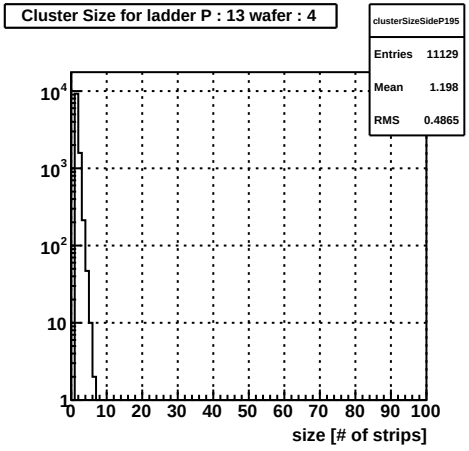

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 11226
Mean 1.084
RMS 0.326
size [# of strips]

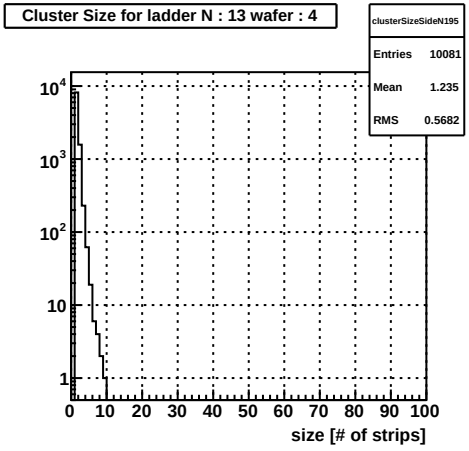

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3883
Mean 1.437
RMS 0.81
size [# of strips]

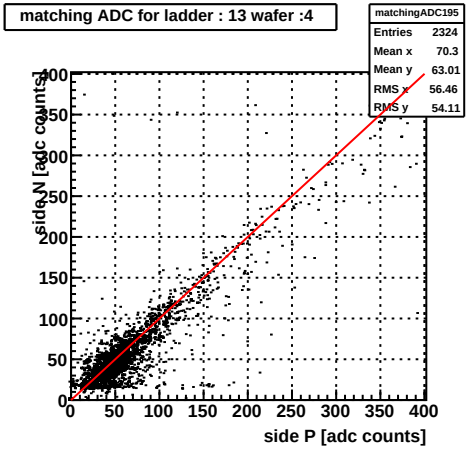

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 372
Mean x 63.5
Mean y 47.95
RMS x 53.1
RMS y 48.22
side N [adc counts]
side P [adc counts]

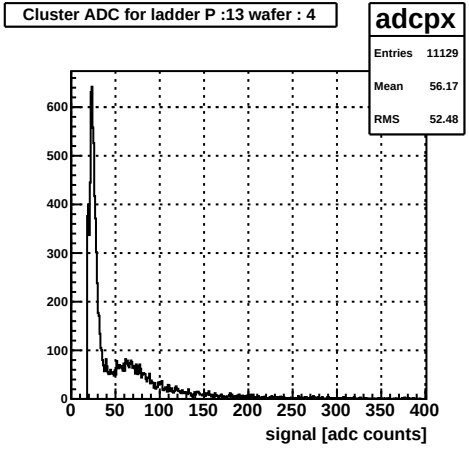

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 11226
Mean 36.25
RMS 32.79
signal [adc counts]

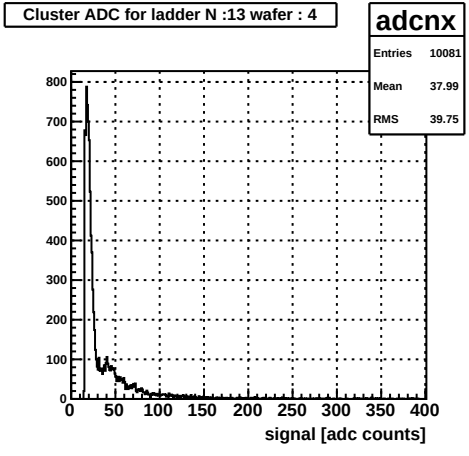

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3883
Mean 53.55
RMS 48.31
signal [adc counts]

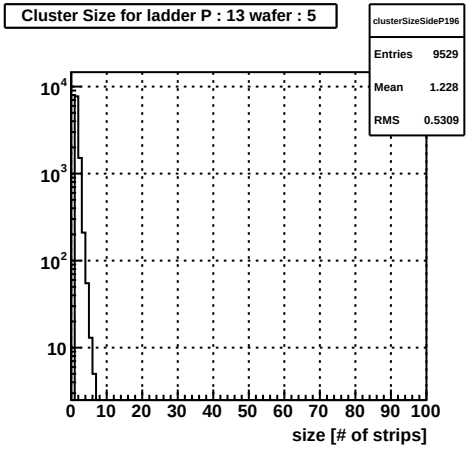

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 11129
Mean 1.198
RMS 0.4865
size [# of strips]

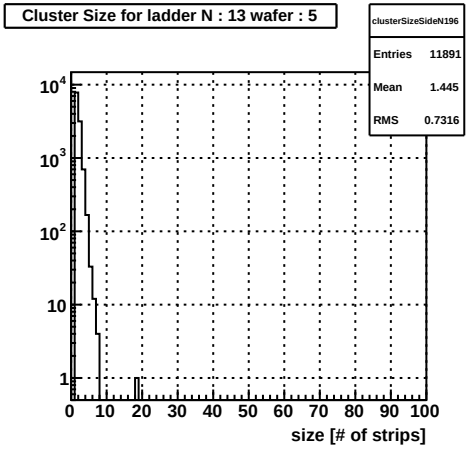

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 10081
Mean 1.235
RMS 0.5682
size [# of strips]

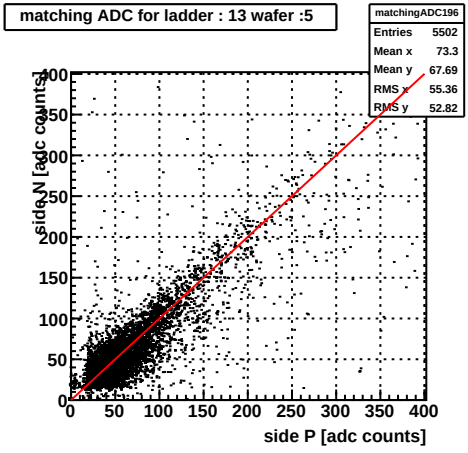

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 2324
Mean x 70.3
Mean y 63.01
RMS x 56.46
RMS y 54.11
side N [adc counts]
side P [adc counts]

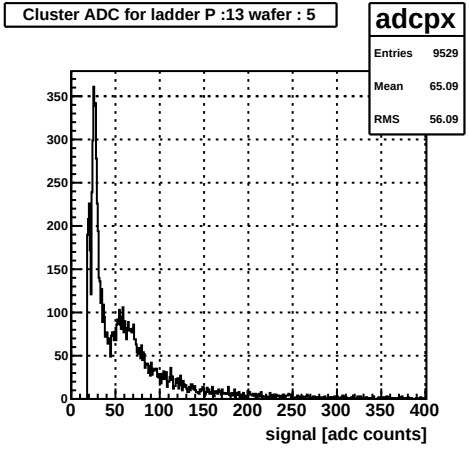

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 11129
Mean 56.17
RMS 52.48
signal [adc counts]

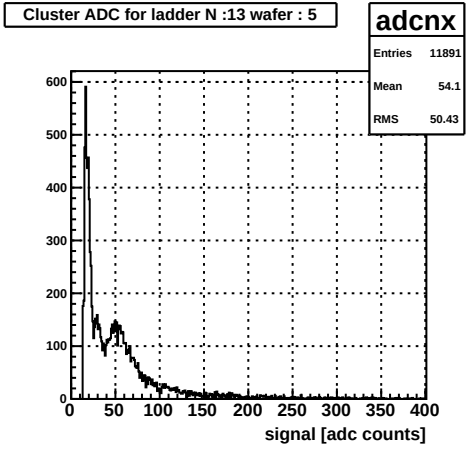

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 10081
Mean 37.99
RMS 39.75
signal [adc counts]

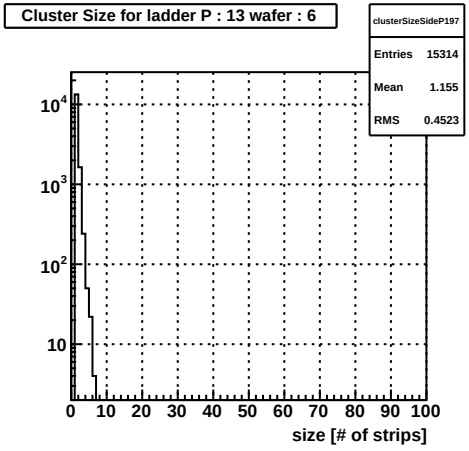

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9529
Mean 1.228
RMS 0.5309
size [# of strips]

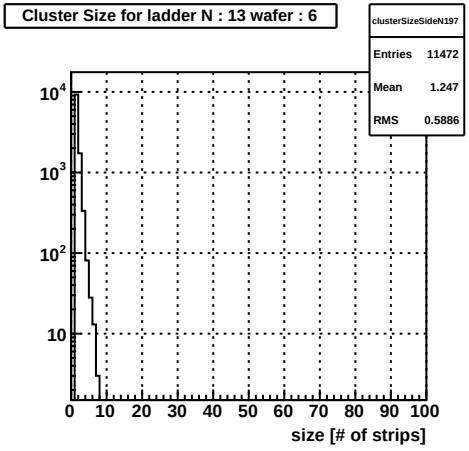

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 11891
Mean 1.445
RMS 0.7316
size [# of strips]

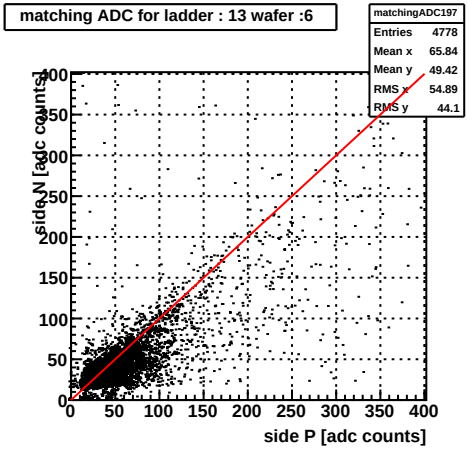

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 5502
Mean x 73.3
Mean y 67.69
RMS x 55.36
RMS y 52.82
side N [adc counts]
side P [adc counts]

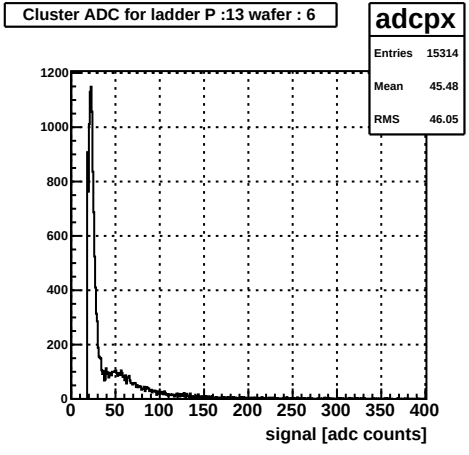

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9529
Mean 65.09
RMS 56.09
signal [adc counts]

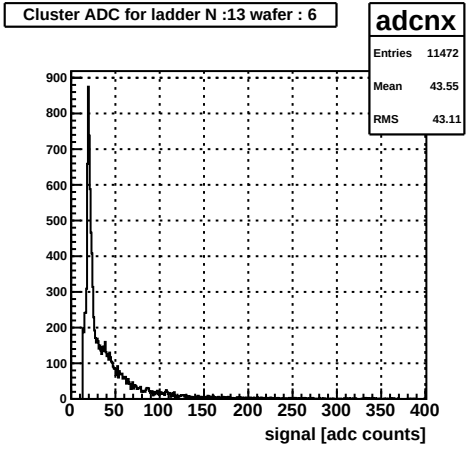

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 11891
Mean 54.1
RMS 50.43
signal [adc counts]

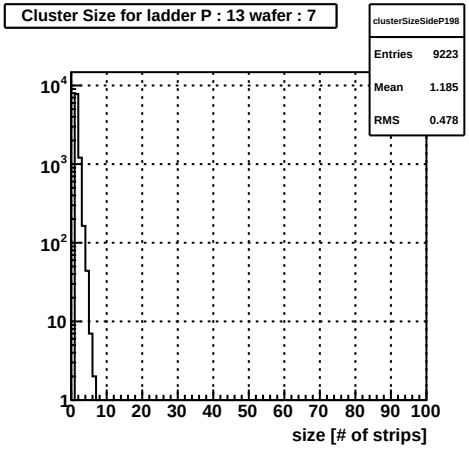

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15314
Mean 1.155
RMS 0.4523
size [# of strips]

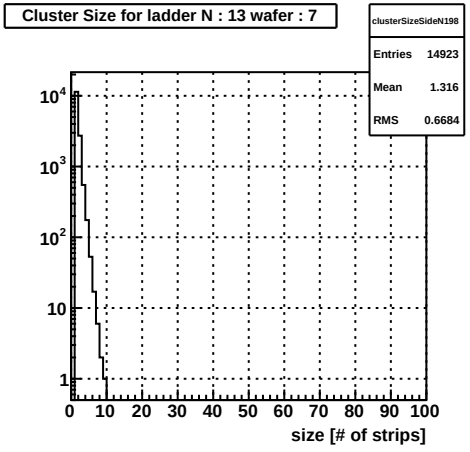

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 11472
Mean 1.247
RMS 0.5886
size [# of strips]

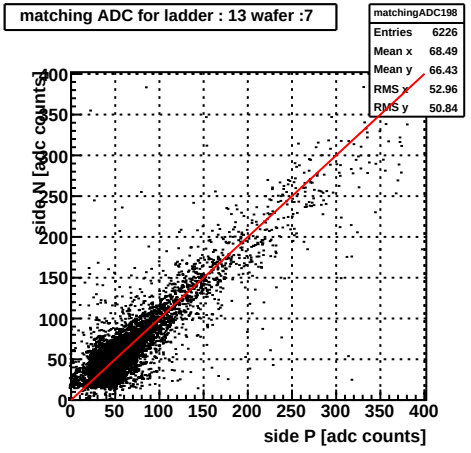

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 4778
Mean x 65.84
Mean y 49.42
RMS x 54.89
RMS y 44.1
side N [adc counts]
side P [adc counts]

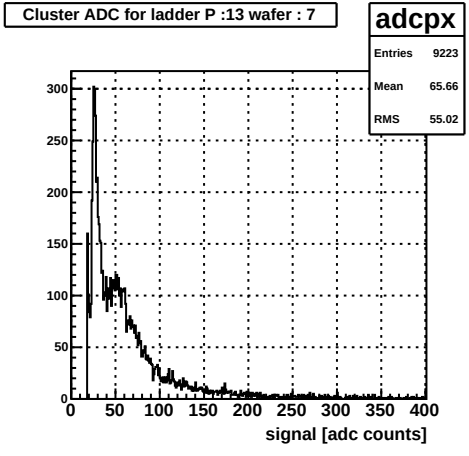

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15314
Mean 45.48
RMS 46.05
signal [adc counts]

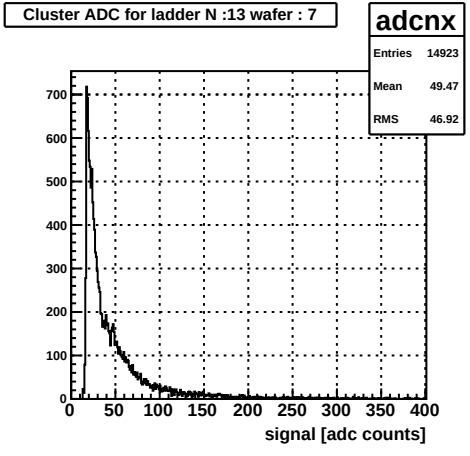

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 11472
Mean 43.55
RMS 43.11
signal [adc counts]

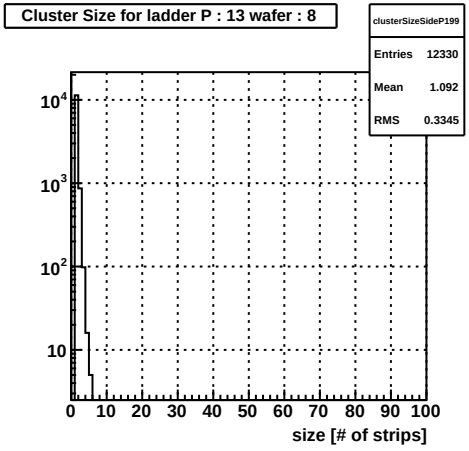

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 9223
Mean 1.185
RMS 0.478
size [# of strips]

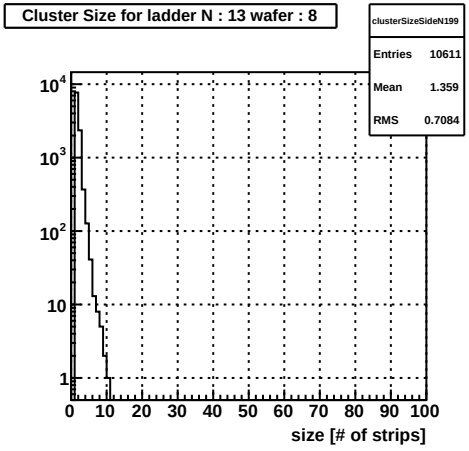

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 14923
Mean 1.316
RMS 0.6684
size [# of strips]

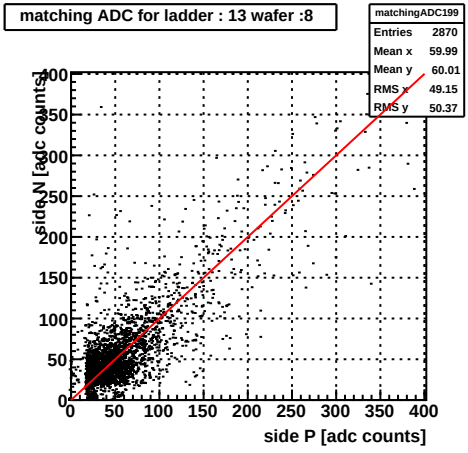

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 6226
Mean x 68.49
Mean y 66.43
RMS x 52.96
RMS y 50.84
side N [adc counts]
side P [adc counts]

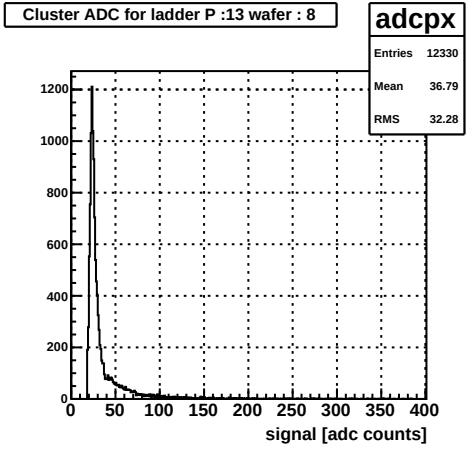

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 9223
Mean 65.66
RMS 55.02
signal [adc counts]

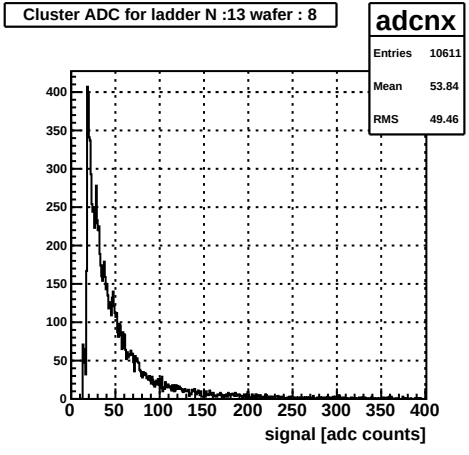

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 14923
Mean 49.47
RMS 46.92
signal [adc counts]

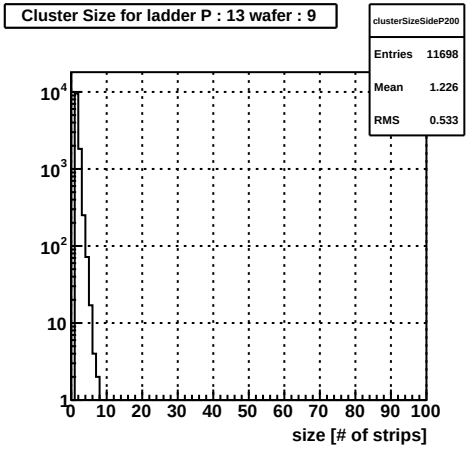

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 12330
Mean 1.092
RMS 0.3345
size [# of strips]

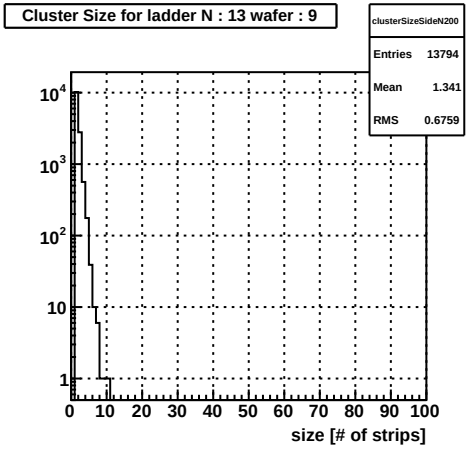

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 10611
Mean 1.359
RMS 0.7084
size [# of strips]

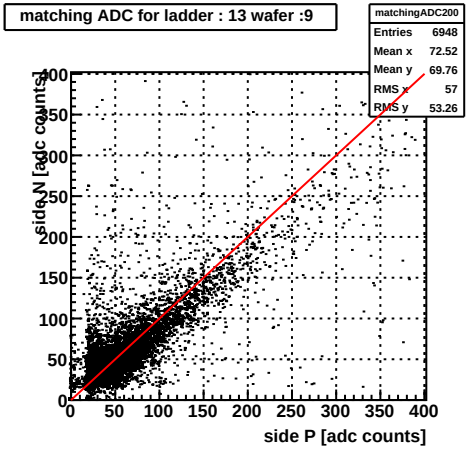

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 2870
Mean x 59.99
Mean y 60.01
RMS x 49.15
RMS y 50.37
side N [adc counts]
side P [adc counts]

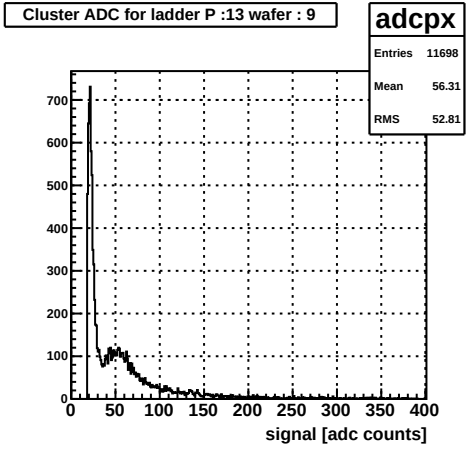

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 12330
Mean 36.79
RMS 32.28
signal [adc counts]

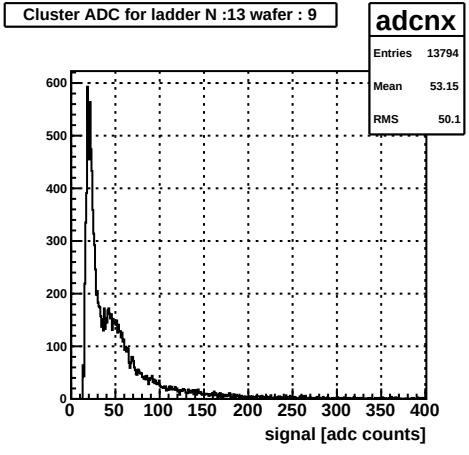

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 10611
Mean 53.84
RMS 49.46
signal [adc counts]

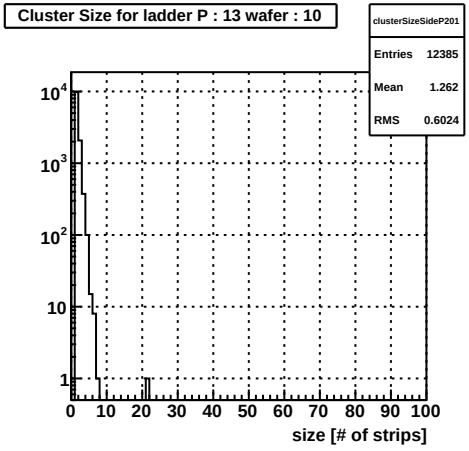

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 11698
Mean 1.226
RMS 0.533
size [# of strips]

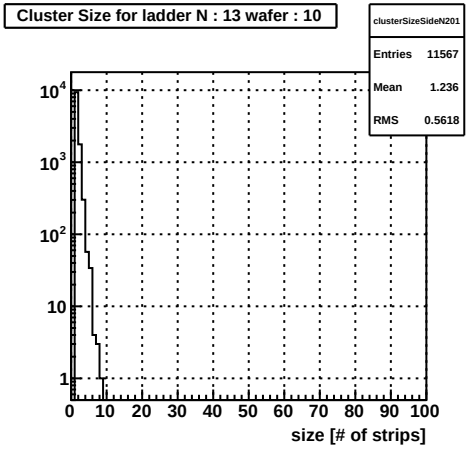

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 13794
Mean 1.341
RMS 0.6759
size [# of strips]

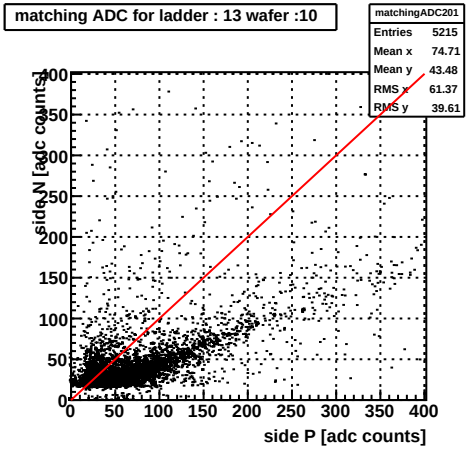

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 6948
Mean x 72.52
Mean y 69.76
RMS x 57
RMS y 53.26
side N [adc counts]
side P [adc counts]

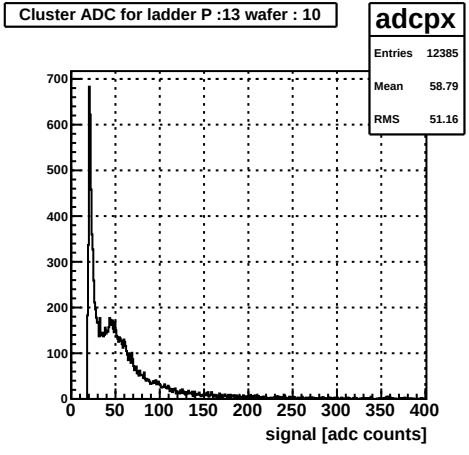

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 11698
Mean 56.31
RMS 52.81
signal [adc counts]

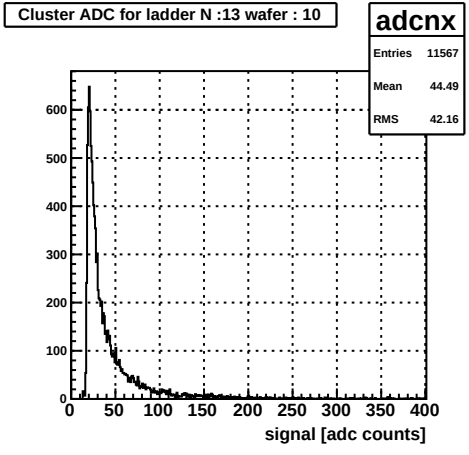

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 13794
Mean 53.15
RMS 50.1
signal [adc counts]

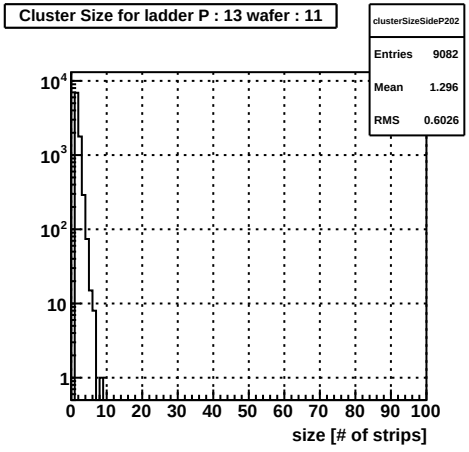

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 12385
Mean 1.262
RMS 0.6024
size [# of strips]

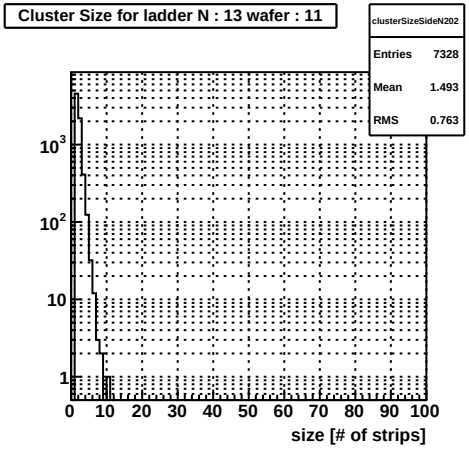

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 11567
Mean 1.236
RMS 0.5618
size [# of strips]

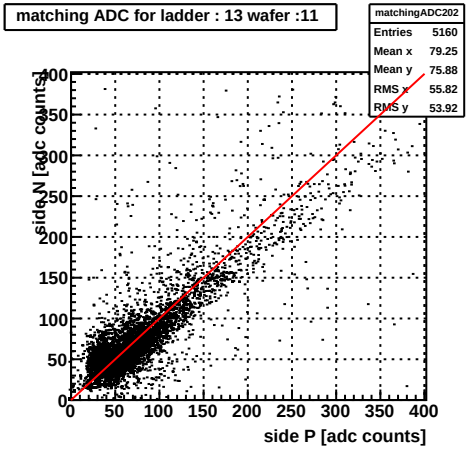

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 5215
Mean x 74.71
Mean y 43.48
RMS x 61.37
RMS y 39.61
side N [adc counts]
side P [adc counts]

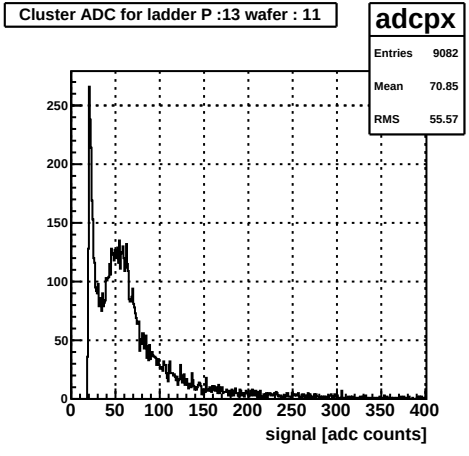

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 12385
Mean 58.79
RMS 51.16
signal [adc counts]

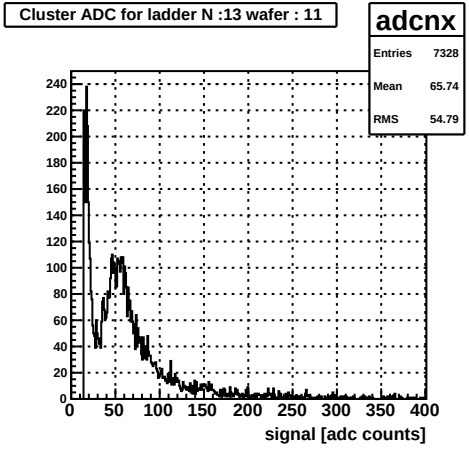

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 11567
Mean 44.49
RMS 42.16
signal [adc counts]

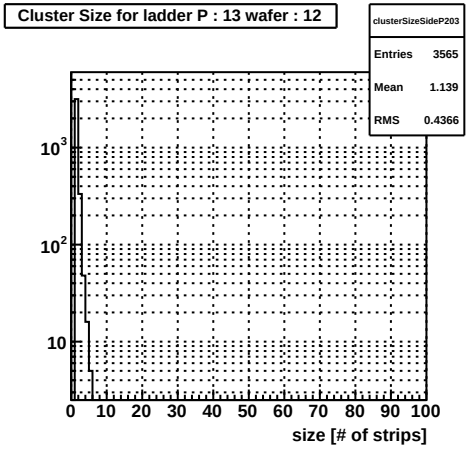

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 9082
Mean 1.296
RMS 0.6026
size [# of strips]

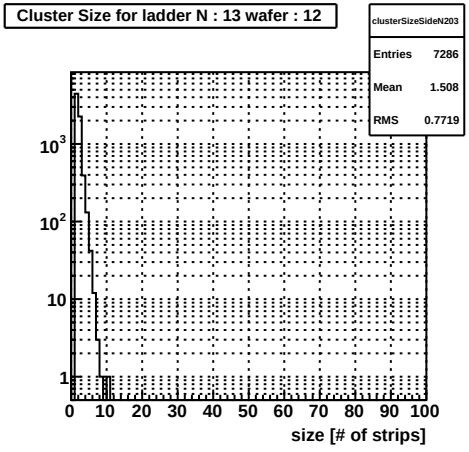

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 7328
Mean 1.493
RMS 0.763
size [# of strips]

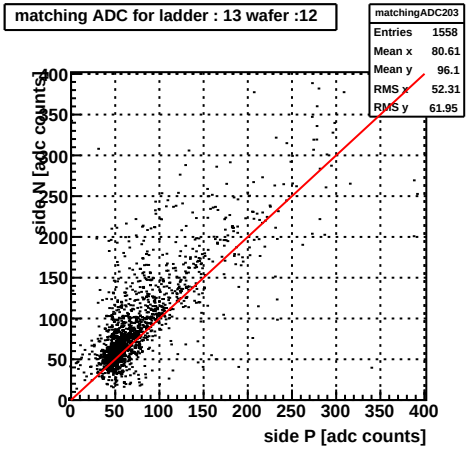

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 5160
Mean x 79.25
Mean y 75.88
RMS x 55.82
RMS y 53.92
side N [adc counts]
side P [adc counts]

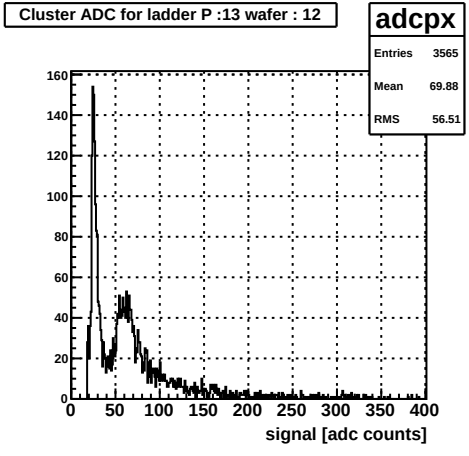

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 9082
Mean 70.85
RMS 55.57
signal [adc counts]

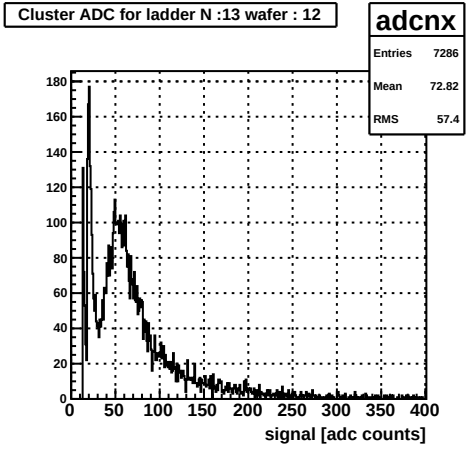

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 7328
Mean 65.74
RMS 54.79
signal [adc counts]

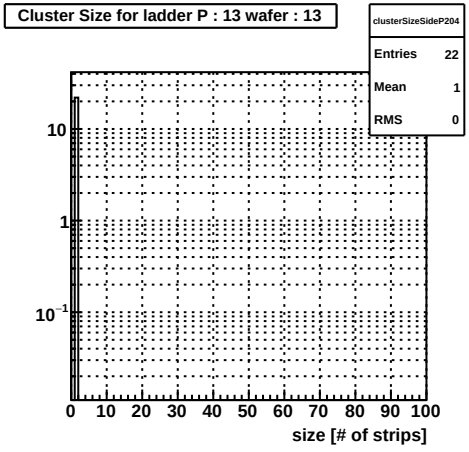

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3565
Mean 1.139
RMS 0.4366
size [# of strips]

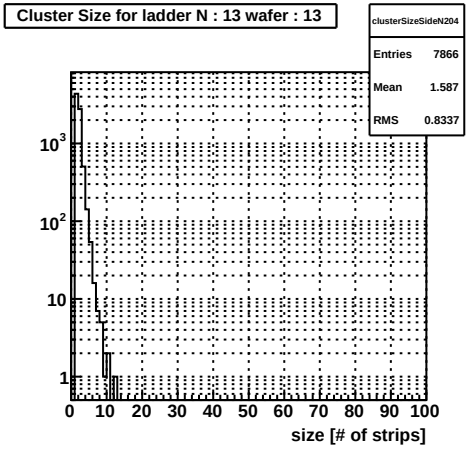

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 7286
Mean 1.508
RMS 0.7719
size [# of strips]

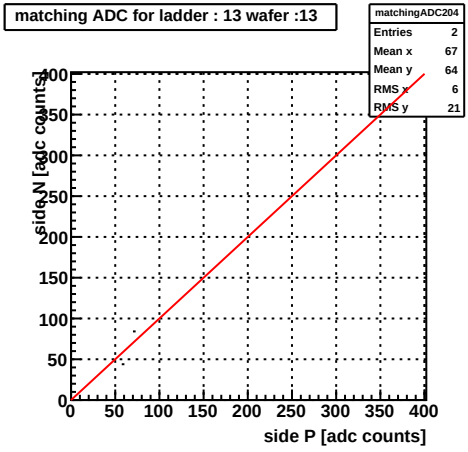

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1558
Mean x 80.61
Mean y 96.1
RMS x 52.31
RMS y 61.95
side N [adc counts]
side P [adc counts]

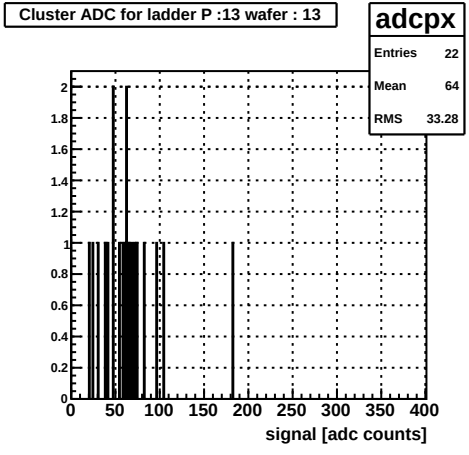

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3565
Mean 69.88
RMS 56.51
signal [adc counts]

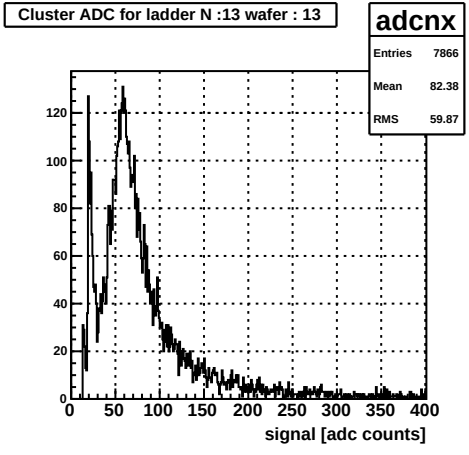

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 7286
Mean 72.82
RMS 57.4
signal [adc counts]

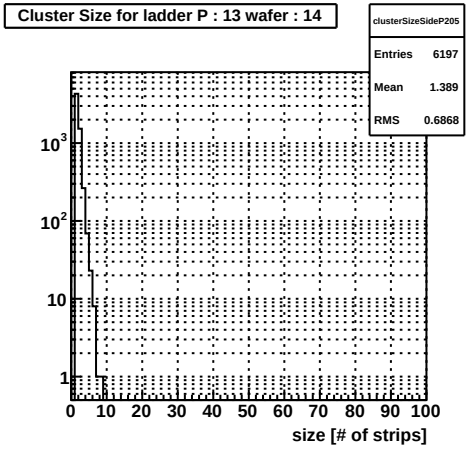

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 22
Mean 1
RMS 0
size [# of strips]

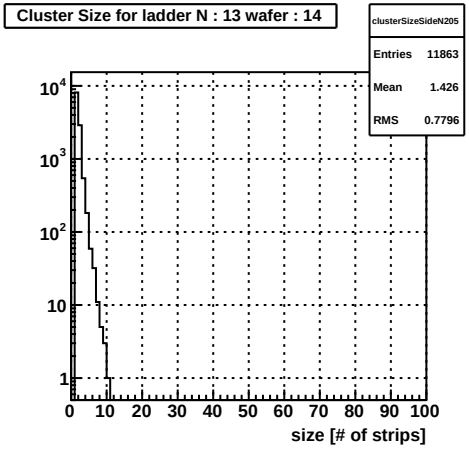

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 7866
Mean 1.587
RMS 0.8337
size [# of strips]

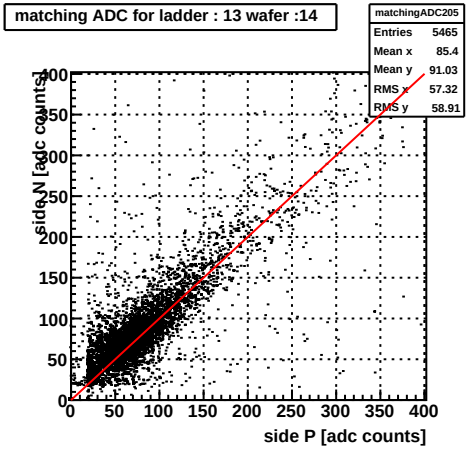

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 67
Mean y 64
RMS x 6
RMS y 21
side N [adc counts]
side P [adc counts]

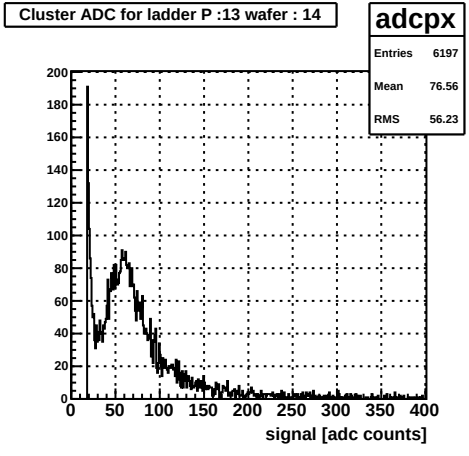

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 22
Mean 64
RMS 33.28
signal [adc counts]

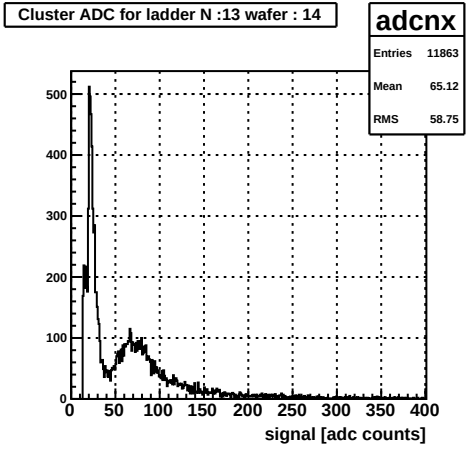

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 7866
Mean 82.38
RMS 59.87
signal [adc counts]

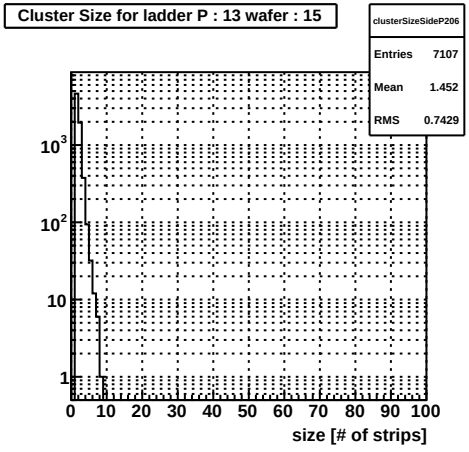

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 6197
Mean 1.389
RMS 0.6868
size [# of strips]

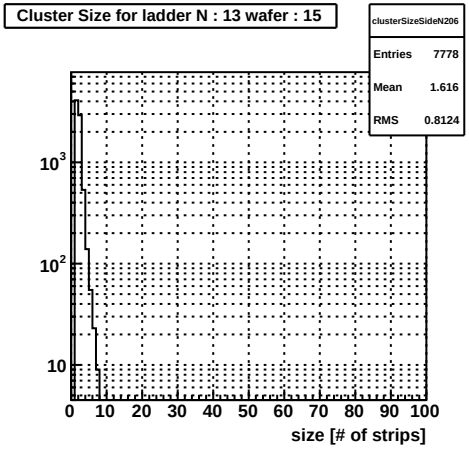

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 11863
Mean 1.426
RMS 0.7796
size [# of strips]

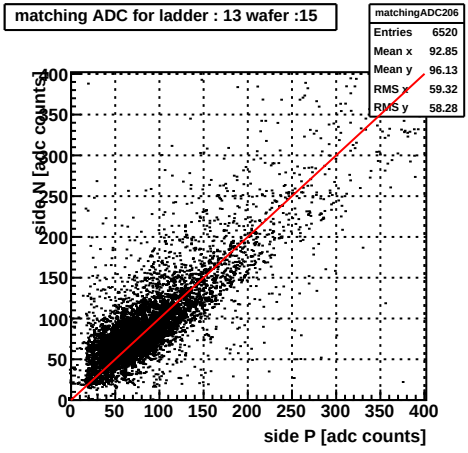

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 5465
Mean x 85.4
Mean y 91.03
RMS x 57.32
RMS y 58.91
side N [adc counts]
side P [adc counts]

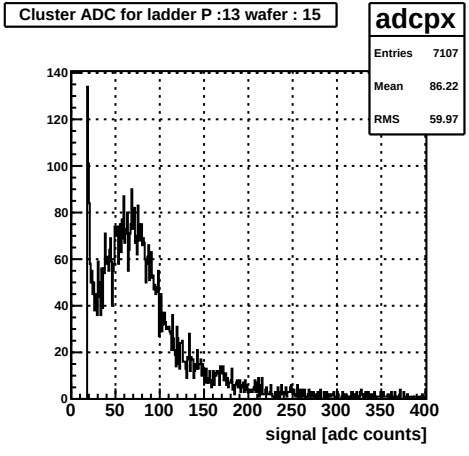

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 6197
Mean 76.56
RMS 56.23
signal [adc counts]

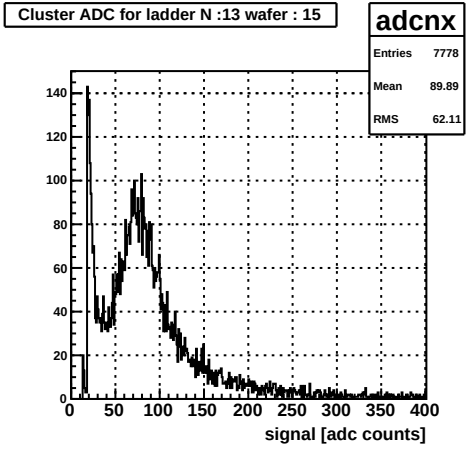

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 11863
Mean 65.12
RMS 58.75
signal [adc counts]

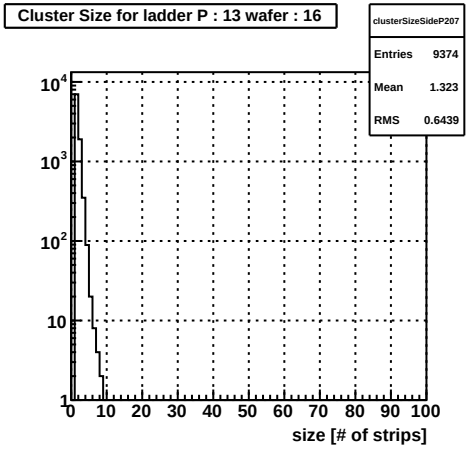

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 7107
Mean 1.452
RMS 0.7429
size [# of strips]

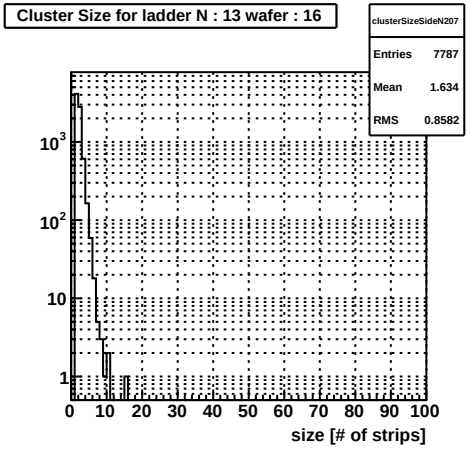

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 7778
Mean 1.616
RMS 0.8124
size [# of strips]

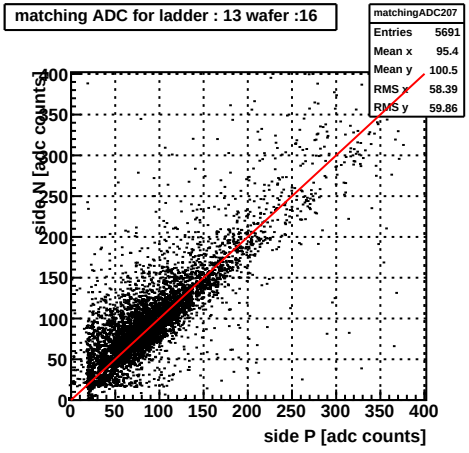

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 6520
Mean x 92.85
Mean y 96.13
RMS x 59.32
RMS y 58.28
side N [adc counts]
side P [adc counts]

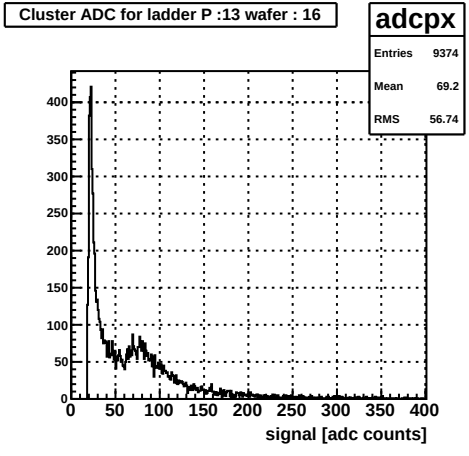

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 7107
Mean 86.22
RMS 59.97
signal [adc counts]

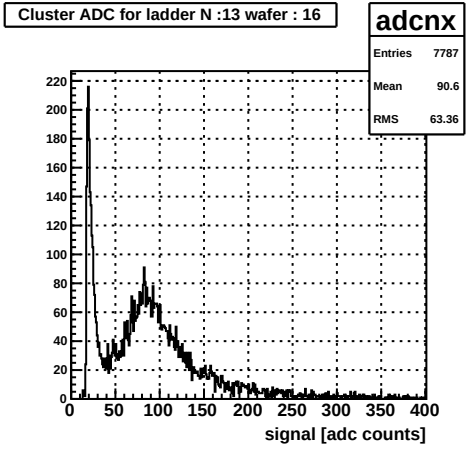

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 7778
Mean 89.89
RMS 62.11
signal [adc counts]

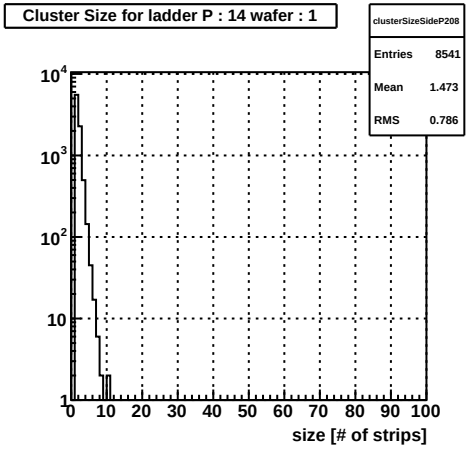

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 9374
Mean 1.323
RMS 0.6439
size [# of strips]

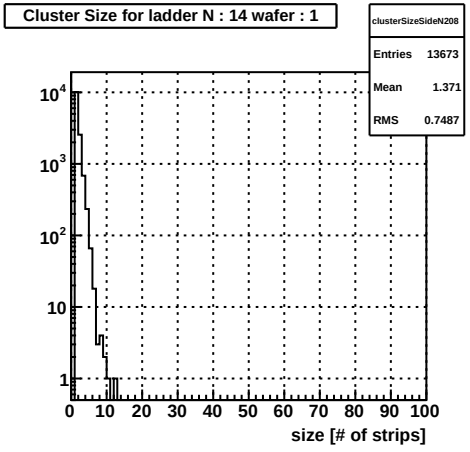

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 7787
Mean 1.634
RMS 0.8582
size [# of strips]

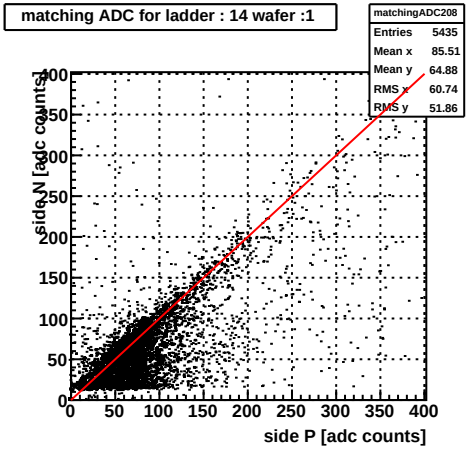

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 5691
Mean x 95.4
Mean y 100.5
RMS x 58.39
RMS y 59.86
side N [adc counts]
side P [adc counts]

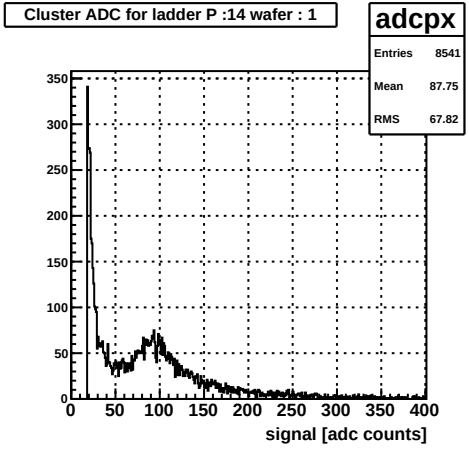

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 9374
Mean 69.2
RMS 56.74
signal [adc counts]

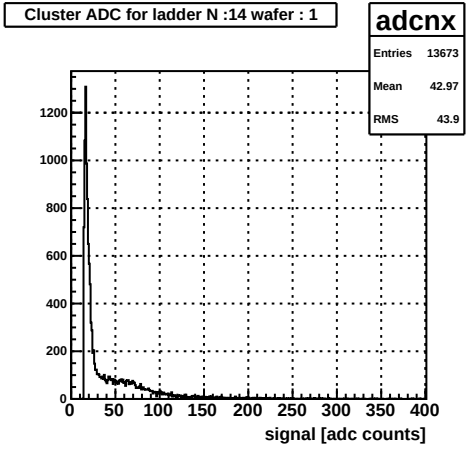

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 7787
Mean 90.6
RMS 63.36
signal [adc counts]

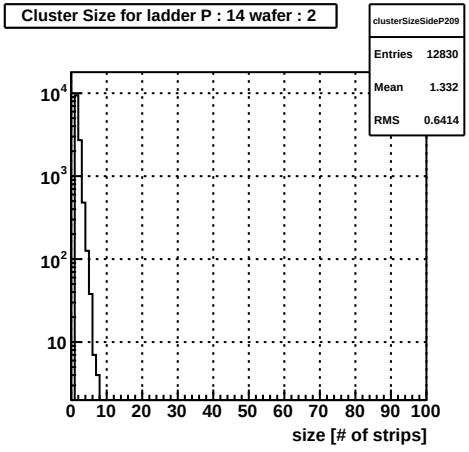

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 8541
Mean 1.473
RMS 0.786
size [# of strips]

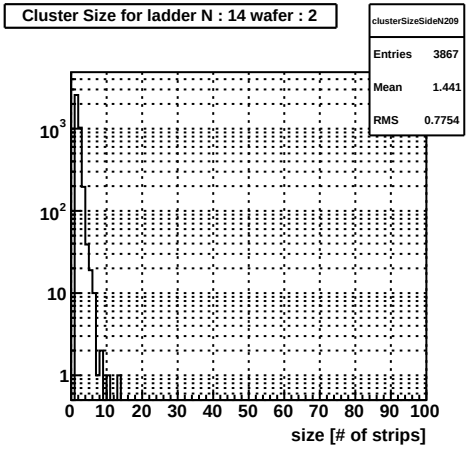

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 13673
Mean 1.371
RMS 0.7487
size [# of strips]

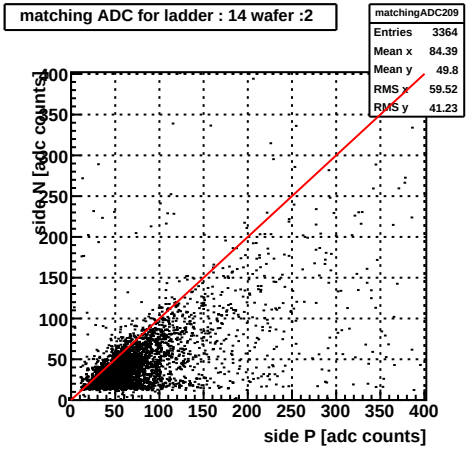

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 5435
Mean x 85.51
Mean y 64.88
RMS x 60.74
RMS y 51.86
side N [adc counts]
side P [adc counts]

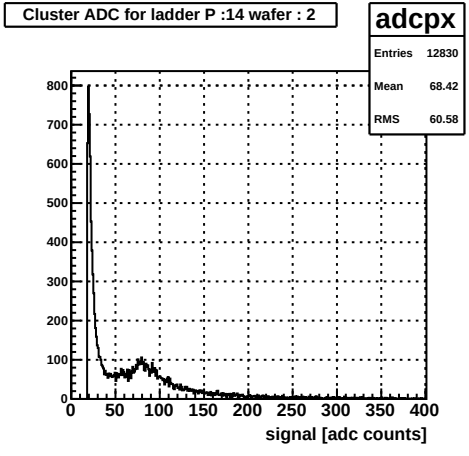

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 8541
Mean 87.75
RMS 67.82
signal [adc counts]

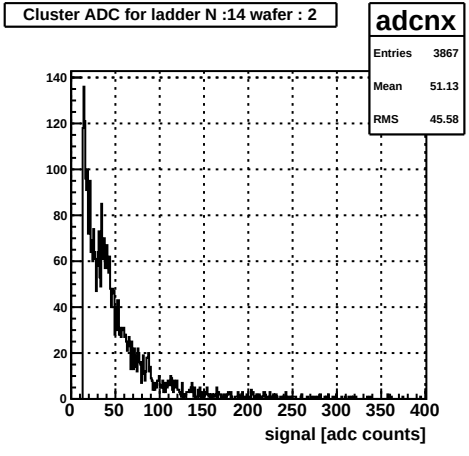

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 13673
Mean 42.97
RMS 43.9
signal [adc counts]

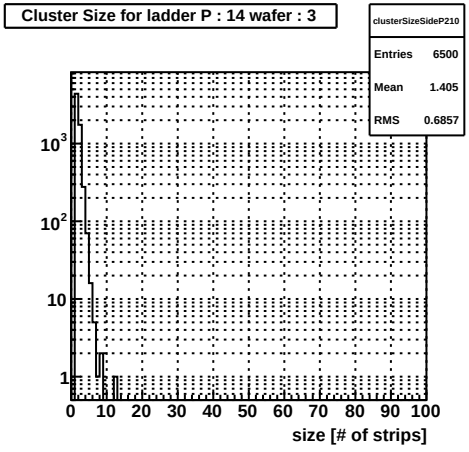

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 12830
Mean 1.332
RMS 0.6414
size [# of strips]

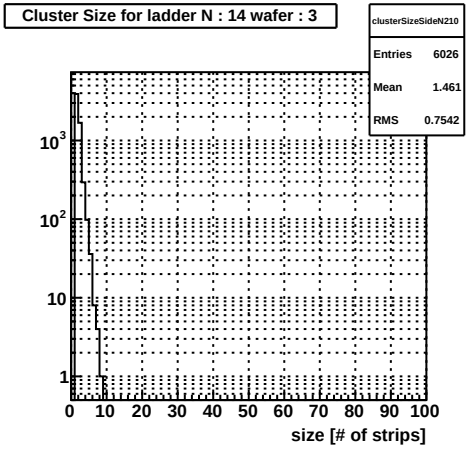

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 3867
Mean 1.441
RMS 0.7754
size [# of strips]

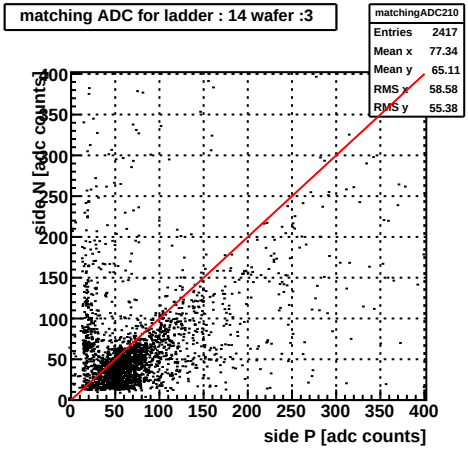

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 3364
Mean x 84.39
Mean y 49.8
RMS x 59.52
RMS y 41.23
side N [adc counts]
side P [adc counts]

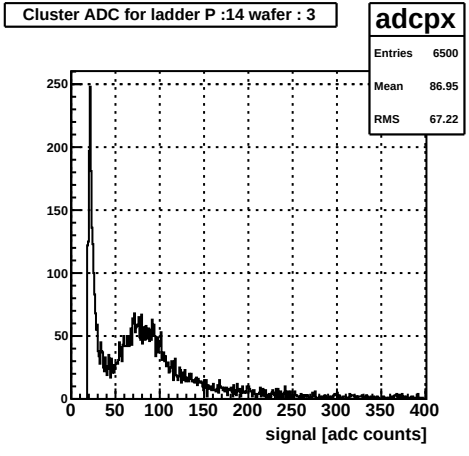

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 12830
Mean 68.42
RMS 60.58
signal [adc counts]

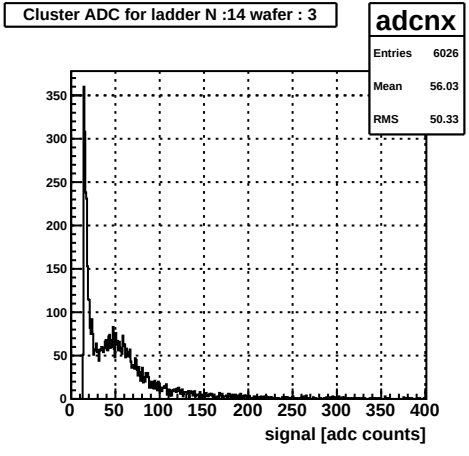

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 3867
Mean 51.13
RMS 45.58
signal [adc counts]

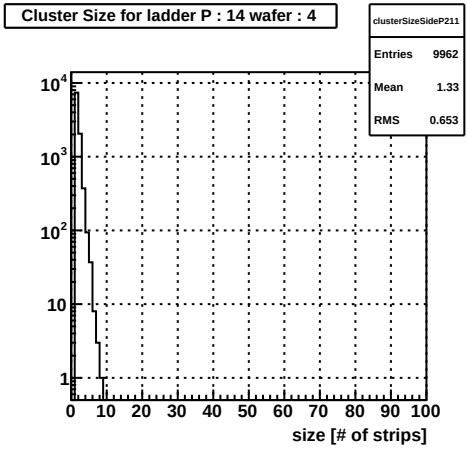

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 6500
Mean 1.405
RMS 0.6857
size [# of strips]

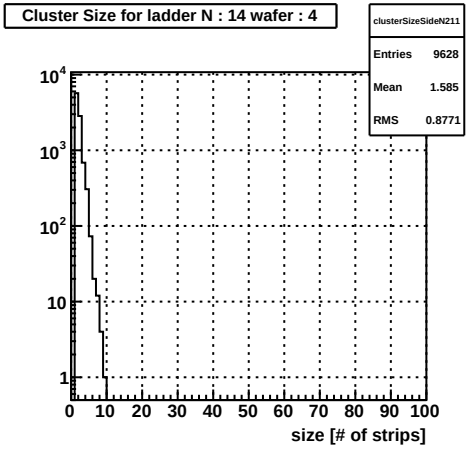

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 6026
Mean 1.461
RMS 0.7542
size [# of strips]

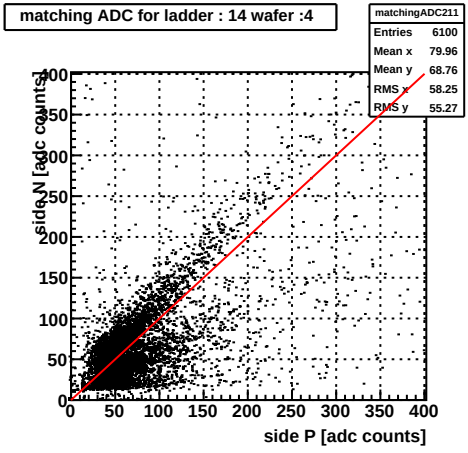

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2417
Mean x 77.34
Mean y 65.11
RMS x 58.58
RMS y 55.38
side N [adc counts]
side P [adc counts]

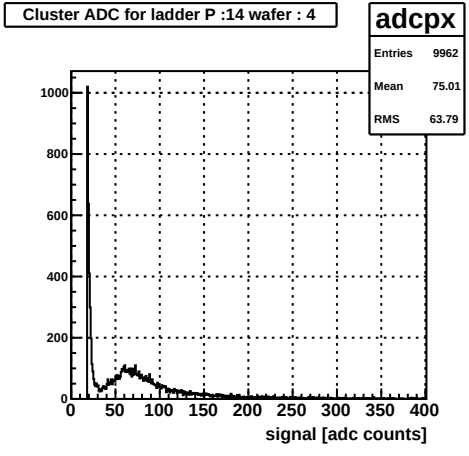

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 6500
Mean 86.95
RMS 67.22
signal [adc counts]

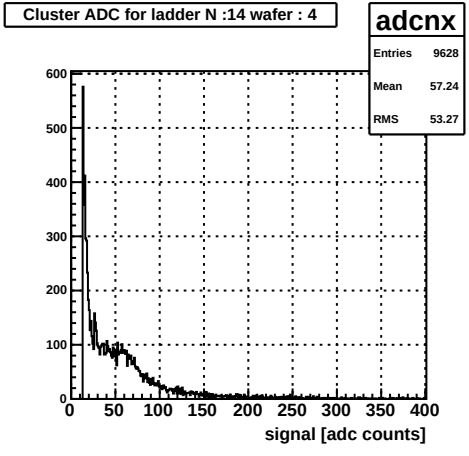

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 6026
Mean 56.03
RMS 50.33
signal [adc counts]

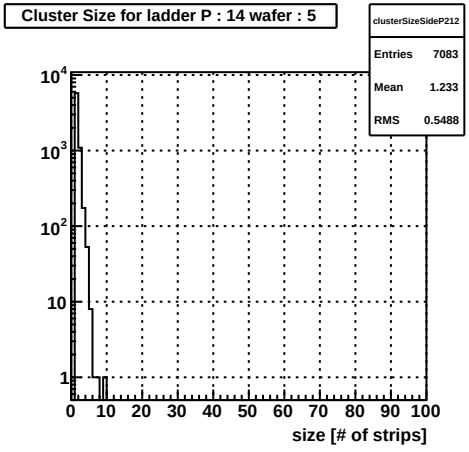

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 9962
Mean 1.33
RMS 0.653
size [# of strips]

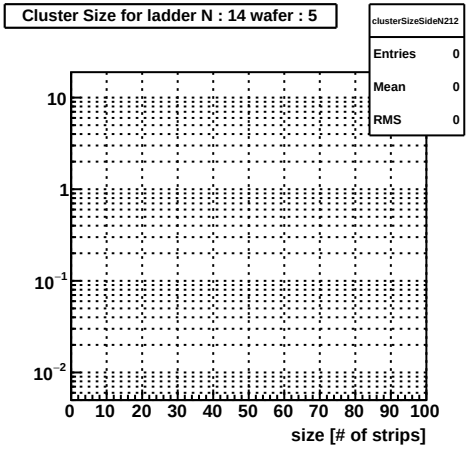

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 9628
Mean 1.585
RMS 0.8771
size [# of strips]

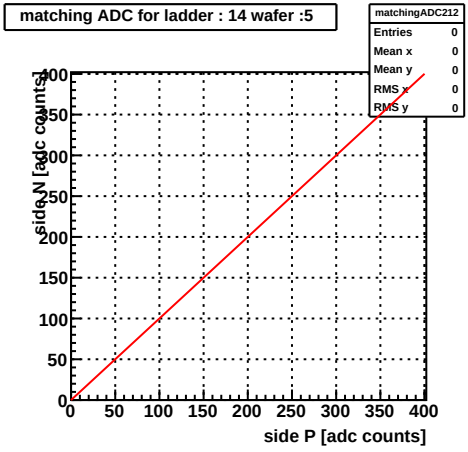

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 6100
Mean x 79.96
Mean y 68.76
RMS x 58.25
RMS y 55.27
side N [adc counts]
side P [adc counts]

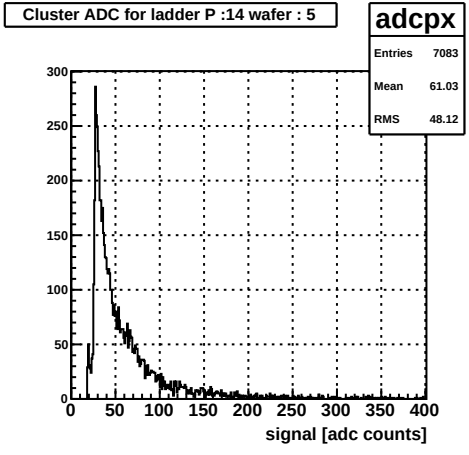

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 9962
Mean 75.01
RMS 63.79
signal [adc counts]

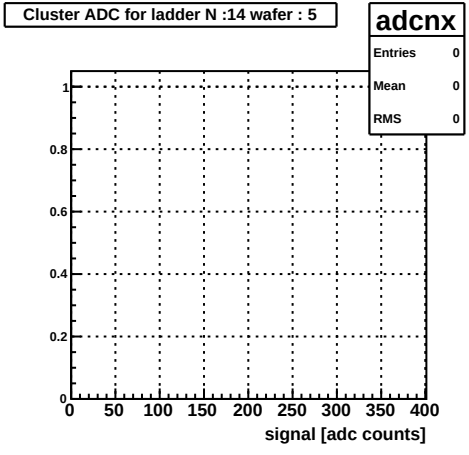

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 9628
Mean 57.24
RMS 53.27
signal [adc counts]

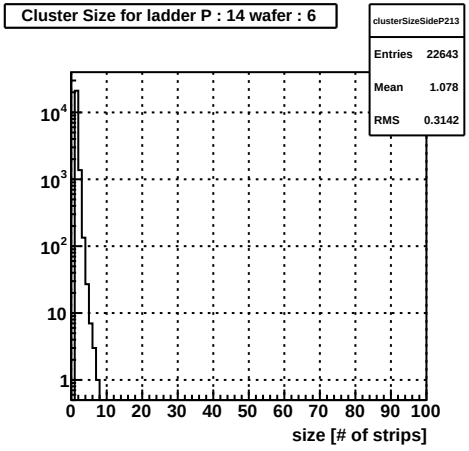

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7083
Mean 1.233
RMS 0.5488
size [# of strips]

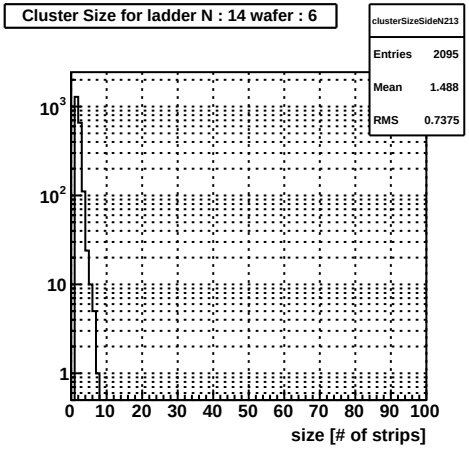

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

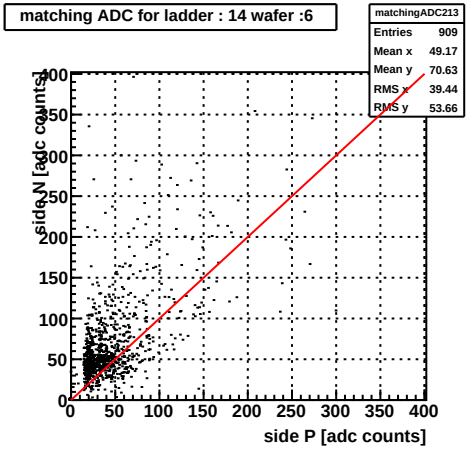

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

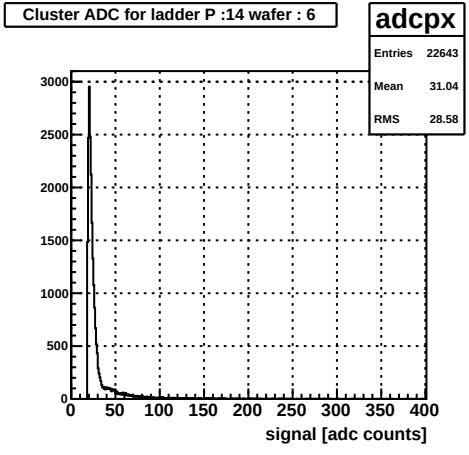

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7083
Mean 61.03
RMS 48.12
signal [adc counts]

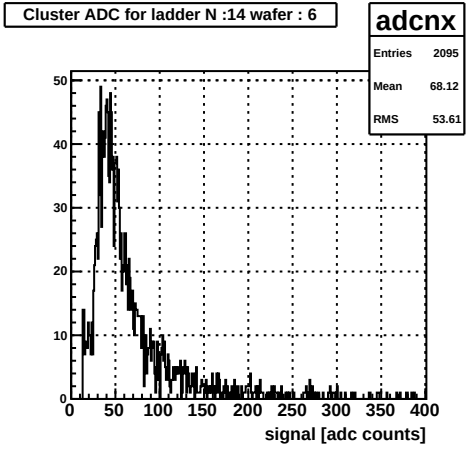

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

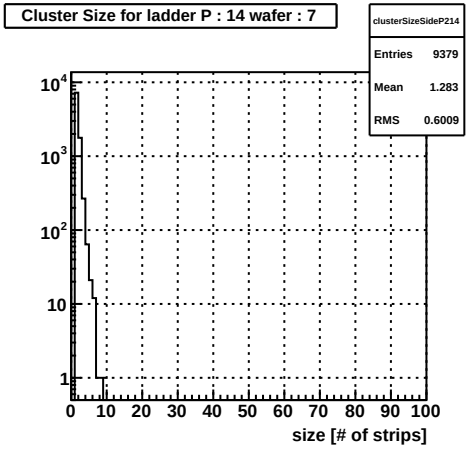

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 22643
Mean 1.078
RMS 0.3142
size [# of strips]

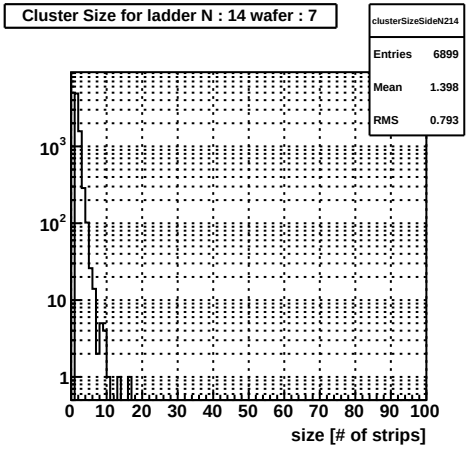

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2095
Mean 1.488
RMS 0.7375
size [# of strips]

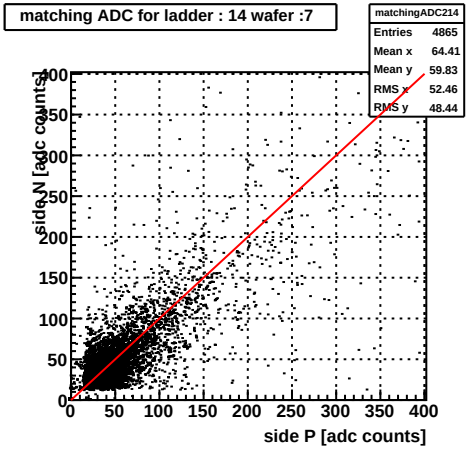

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 909
Mean x 49.17
Mean y 70.63
RMS x 39.44
RMS y 53.66
side N [adc counts]
side P [adc counts]

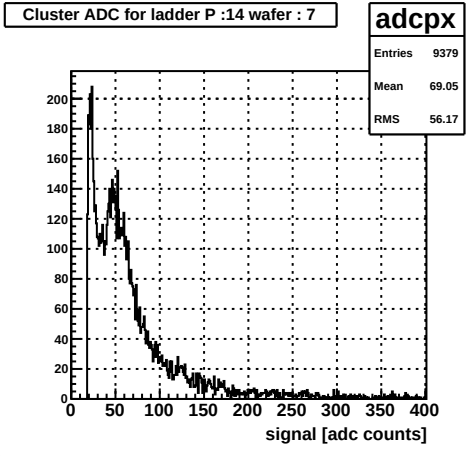

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 22643
Mean 31.04
RMS 28.58
signal [adc counts]

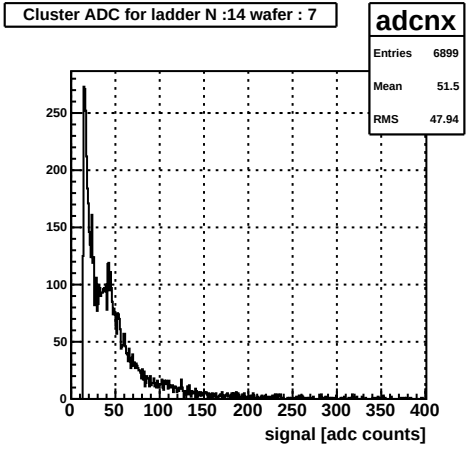

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2095
Mean 68.12
RMS 53.61
signal [adc counts]

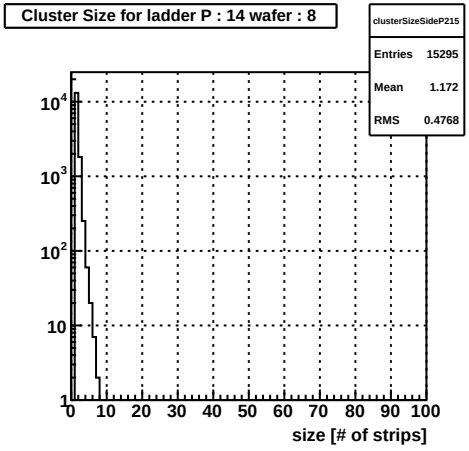

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 9379
Mean 1.283
RMS 0.6009
size [# of strips]

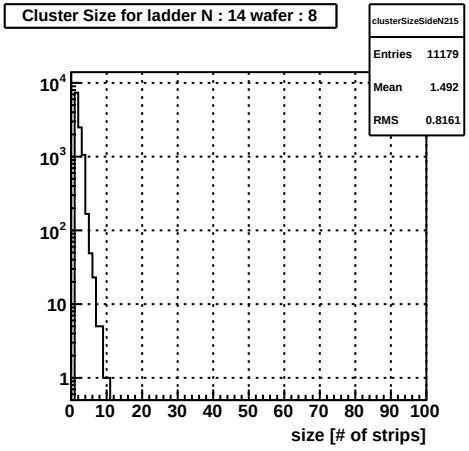

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6899
Mean 1.398
RMS 0.793
size [# of strips]

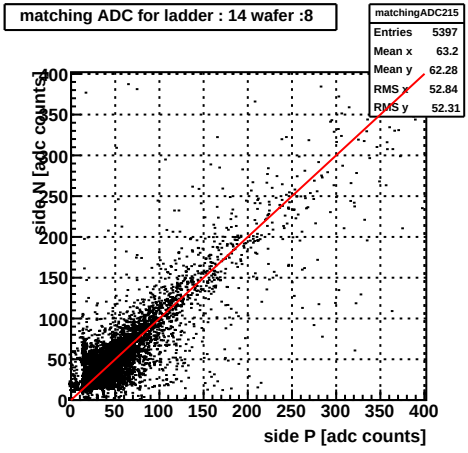

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4865
Mean x 64.41
Mean y 59.83
RMS x 52.46
RMS y 48.44
side N [adc counts]
side P [adc counts]

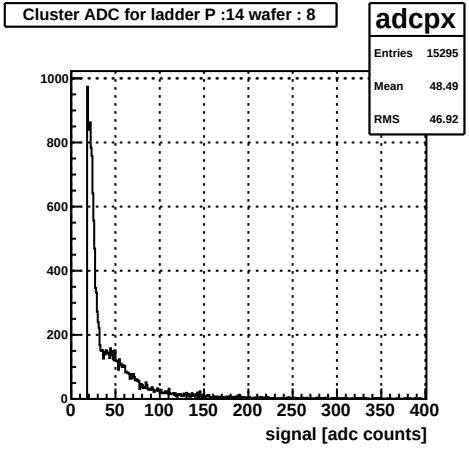

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 9379
Mean 69.05
RMS 56.17
signal [adc counts]

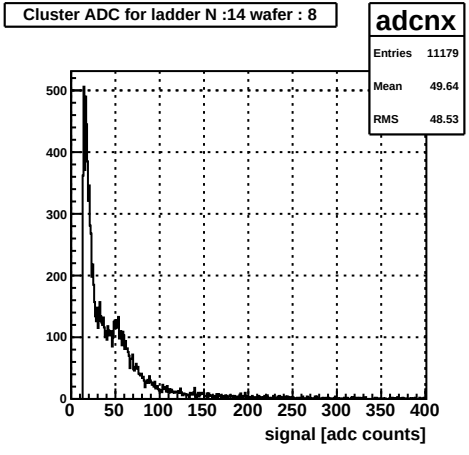

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6899
Mean 51.5
RMS 47.94
signal [adc counts]

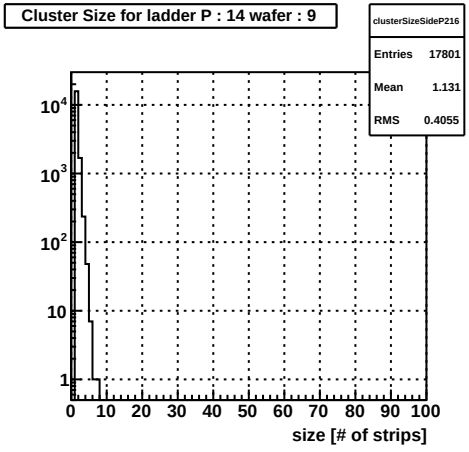

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 15295
Mean 1.172
RMS 0.4768
size [# of strips]

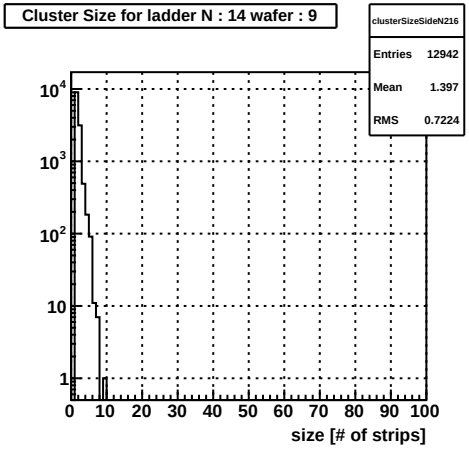

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 11179
Mean 1.492
RMS 0.8161
size [# of strips]

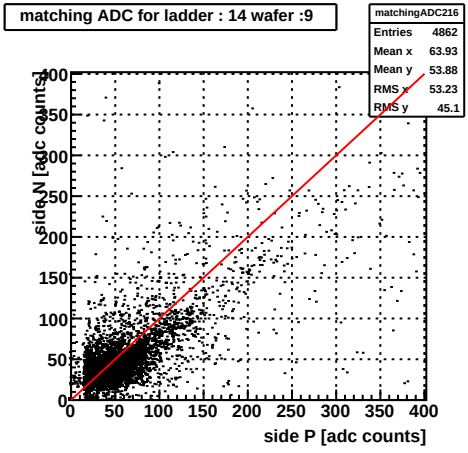

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 5397
Mean x 63.2
Mean y 62.28
RMS x 52.84
RMS y 52.31
side N [adc counts]
side P [adc counts]

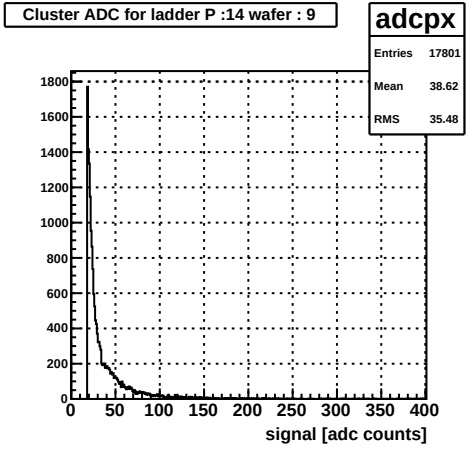

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 15295
Mean 48.49
RMS 46.92
signal [adc counts]

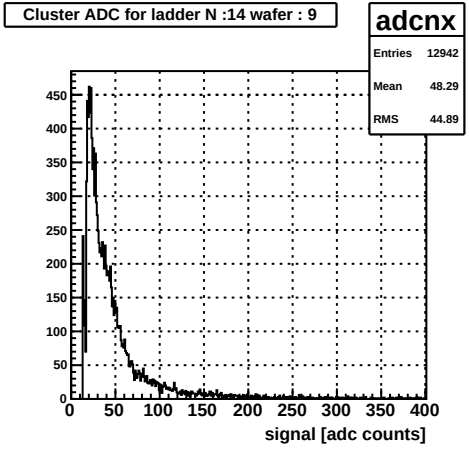

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 11179
Mean 49.64
RMS 48.53
signal [adc counts]

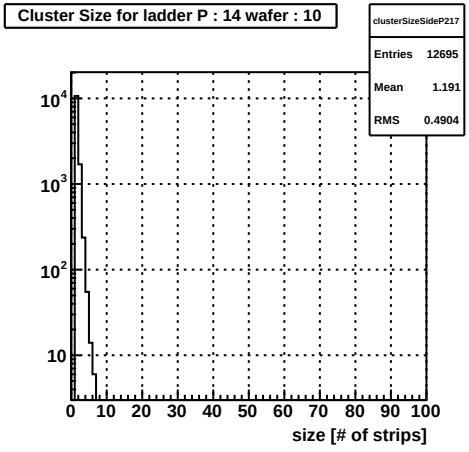

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 17801
Mean 1.131
RMS 0.4055
size [# of strips]

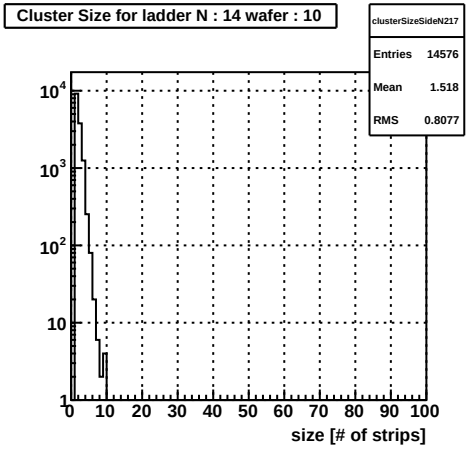

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 12942
Mean 1.397
RMS 0.7224
size [# of strips]

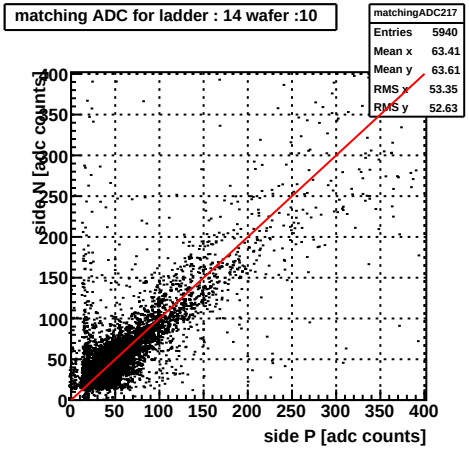

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 4862
Mean x 63.93
Mean y 53.88
RMS x 53.23
RMS y 45.1
side N [adc counts]
side P [adc counts]

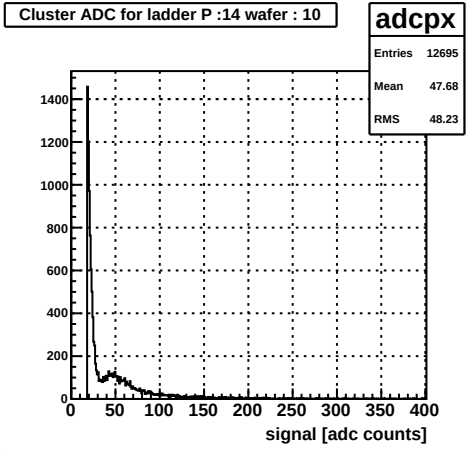

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 17801
Mean 38.62
RMS 35.48
signal [adc counts]

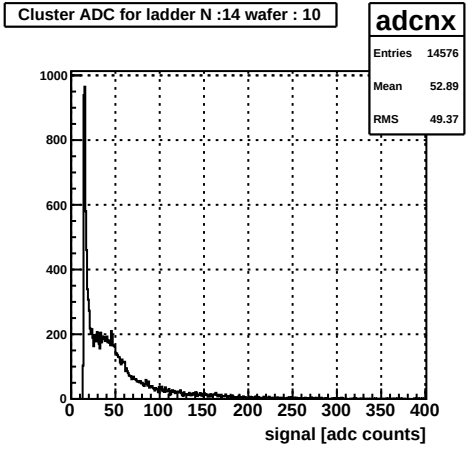

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 12942
Mean 48.29
RMS 44.89
signal [adc counts]

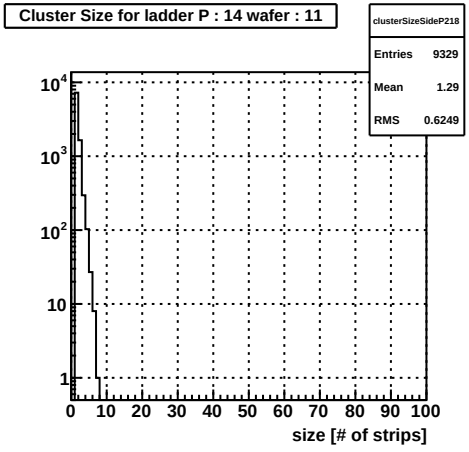

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 12695
Mean 1.191
RMS 0.4904
size [# of strips]

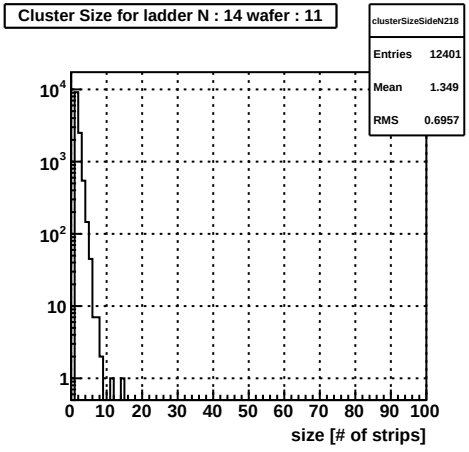

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 14576
Mean 1.518
RMS 0.8077
size [# of strips]

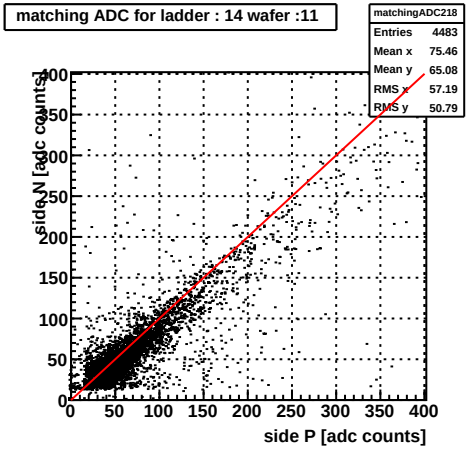

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 5940
Mean x 63.41
Mean y 63.61
RMS x 53.35
RMS y 52.63
side N [adc counts]
side P [adc counts]

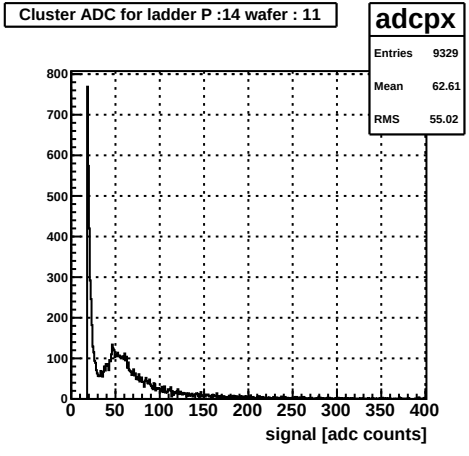

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 12695
Mean 47.68
RMS 48.23
signal [adc counts]

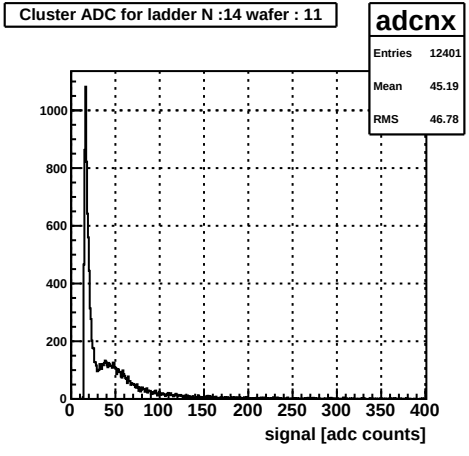

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 14576
Mean 52.89
RMS 49.37
signal [adc counts]

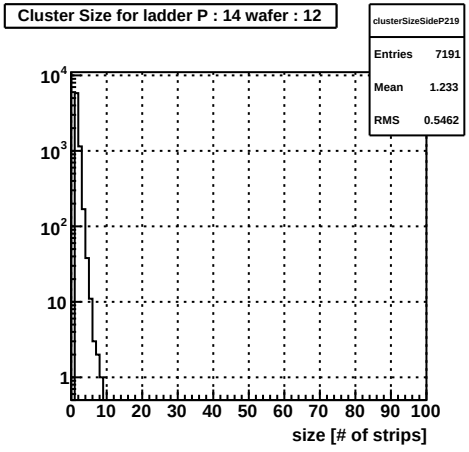

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 9329
Mean 1.29
RMS 0.6249
size [# of strips]

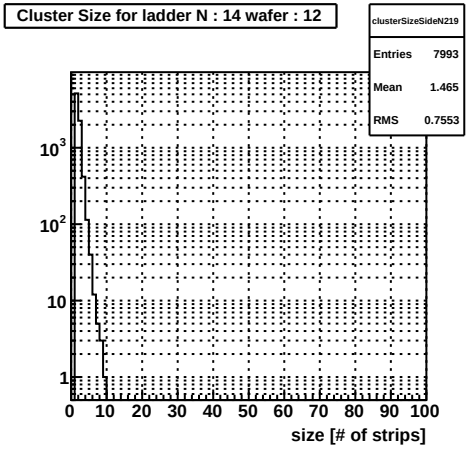

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 12401
Mean 1.349
RMS 0.6957
size [# of strips]

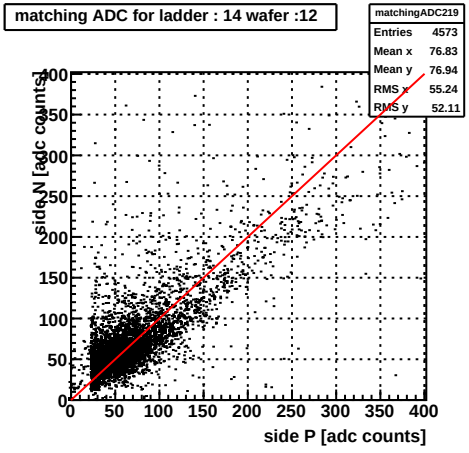

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 4483
Mean x 75.46
Mean y 65.08
RMS x 57.19
RMS y 50.79
side N [adc counts]
side P [adc counts]

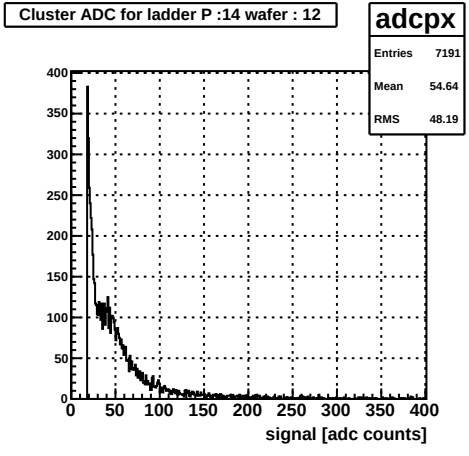

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 9329
Mean 62.61
RMS 55.02
signal [adc counts]

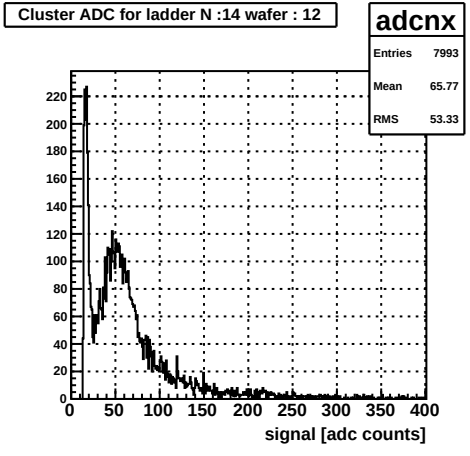

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 12401
Mean 45.19
RMS 46.78
signal [adc counts]

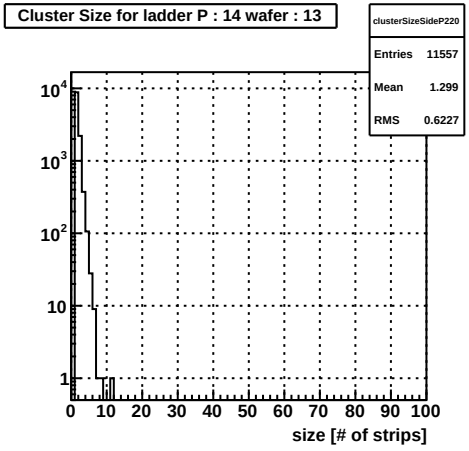

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 7191
Mean 1.233
RMS 0.5462
size [# of strips]

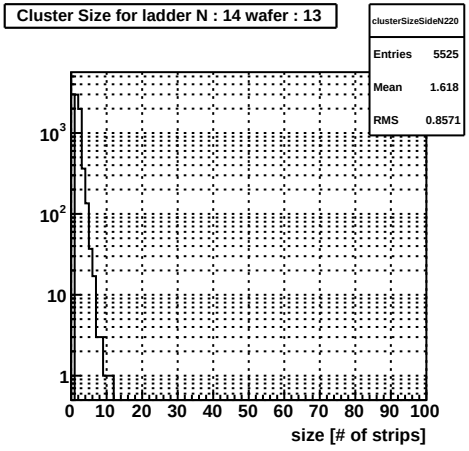

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 7993
Mean 1.465
RMS 0.7553
size [# of strips]

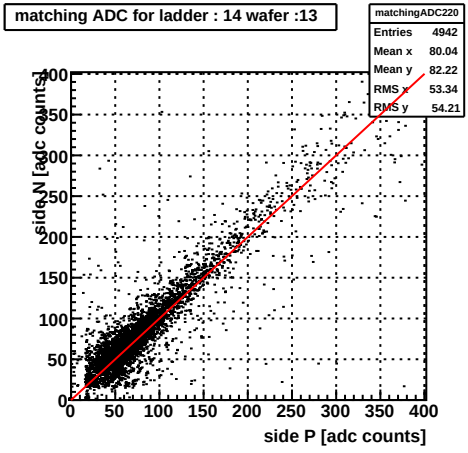

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 4573
Mean x 76.83
Mean y 76.94
RMS x 55.24
RMS y 52.11
side N [adc counts]
side P [adc counts]

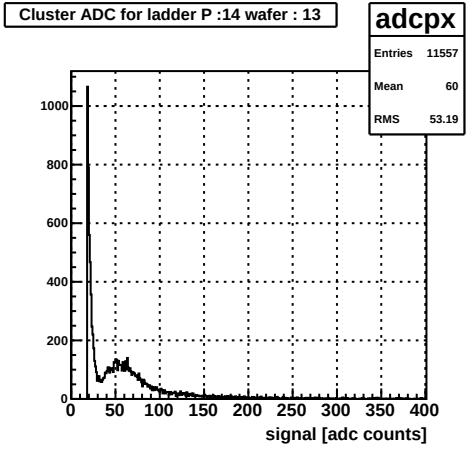

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 7191
Mean 54.64
RMS 48.19
signal [adc counts]

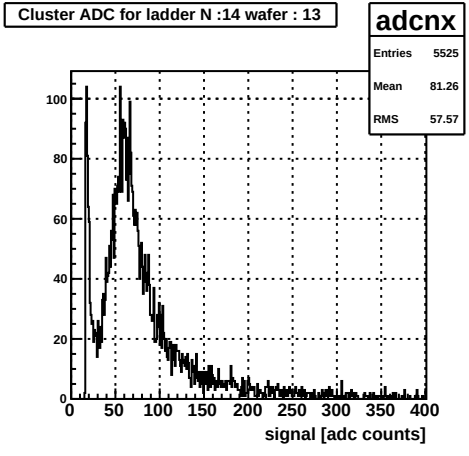

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 7993
Mean 65.77
RMS 53.33
signal [adc counts]

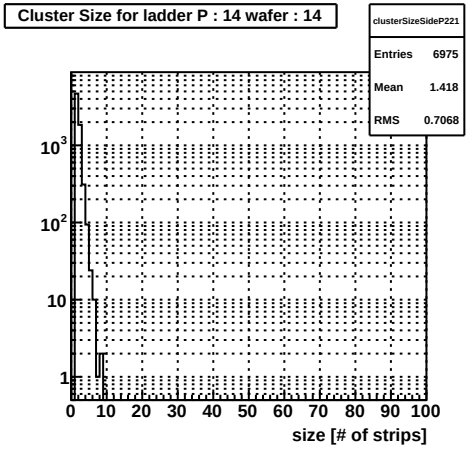

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11557
Mean 1.299
RMS 0.6227
size [# of strips]

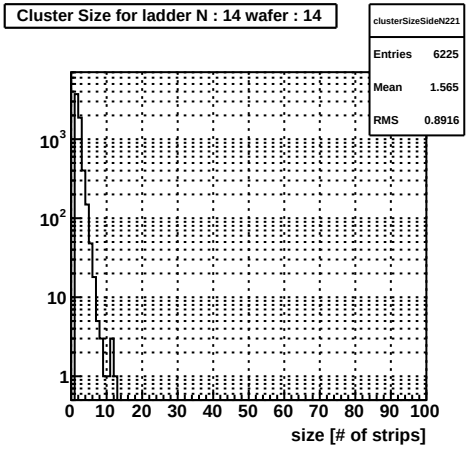

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 5525
Mean 1.618
RMS 0.8571
size [# of strips]

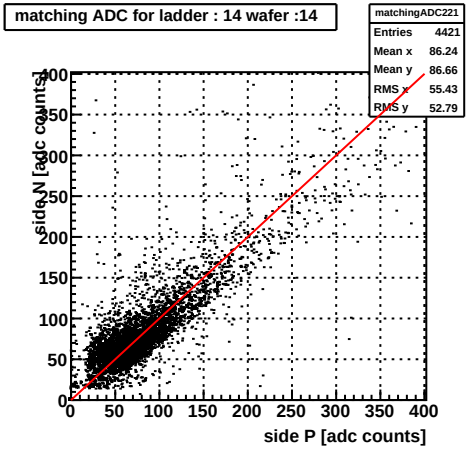

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 4942
Mean x 80.04
Mean y 82.22
RMS x 53.34
RMS y 54.21
side N [adc counts]
side P [adc counts]

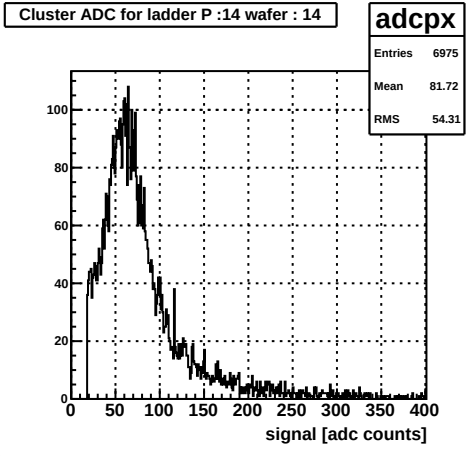

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11557
Mean 60
RMS 53.19
signal [adc counts]

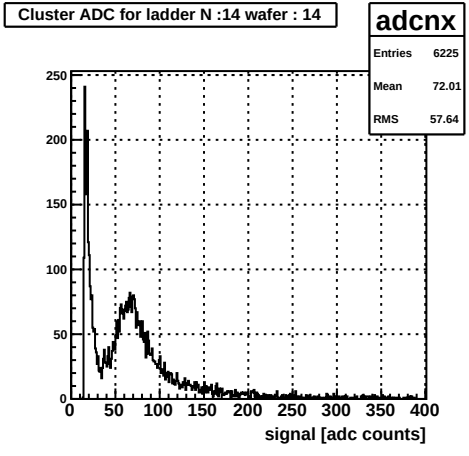

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 5525
Mean 81.26
RMS 57.57
signal [adc counts]

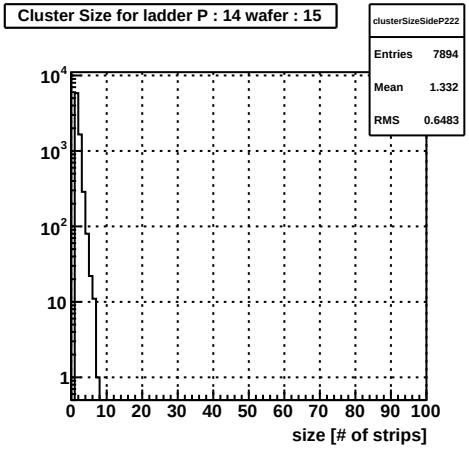

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 6975
Mean 1.418
RMS 0.7068
size [# of strips]

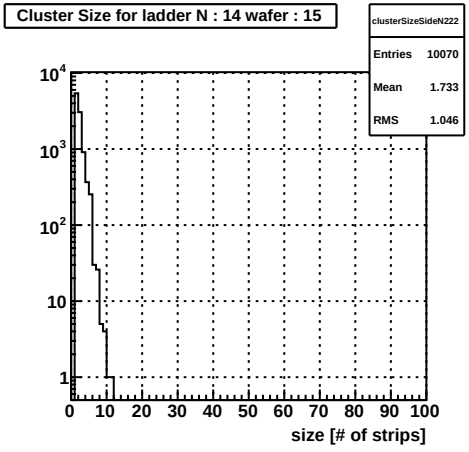

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 6225
Mean 1.565
RMS 0.8916
size [# of strips]

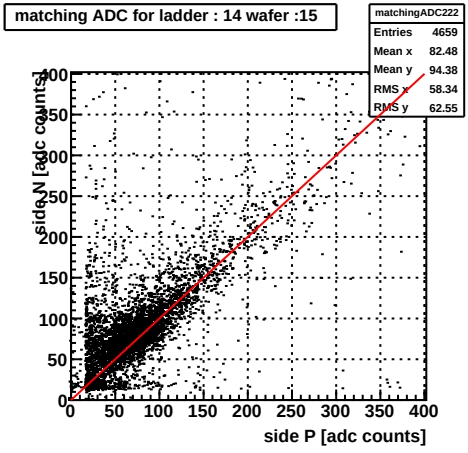

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 4421
Mean x 86.24
Mean y 86.66
RMS x 55.43
RMS y 52.79
side N [adc counts]
side P [adc counts]

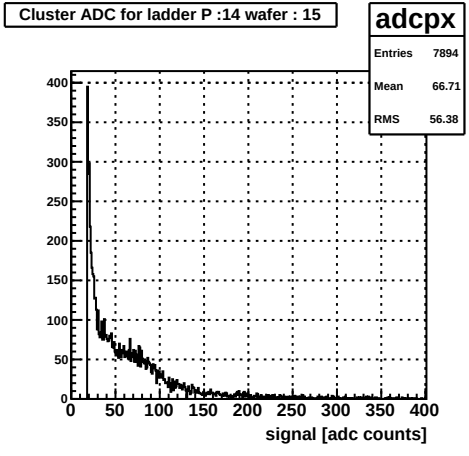

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 6975
Mean 81.72
RMS 54.31
signal [adc counts]

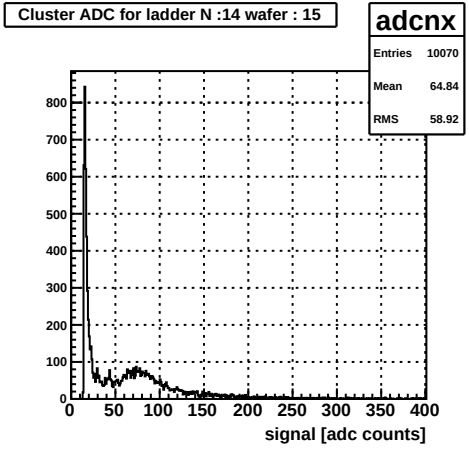

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 6225
Mean 72.01
RMS 57.64
signal [adc counts]

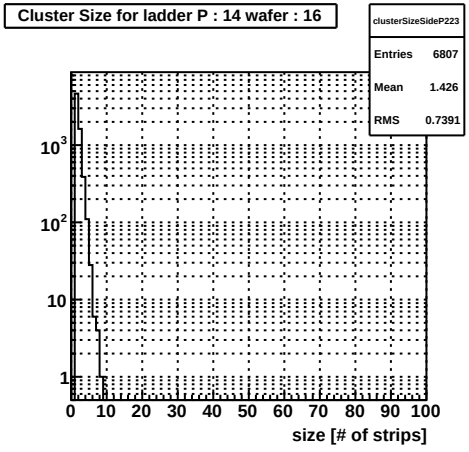

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 7894
Mean 1.332
RMS 0.6483
size [# of strips]

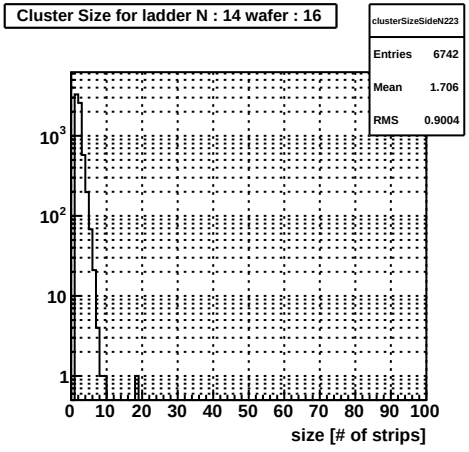

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 10070
Mean 1.733
RMS 1.046
size [# of strips]

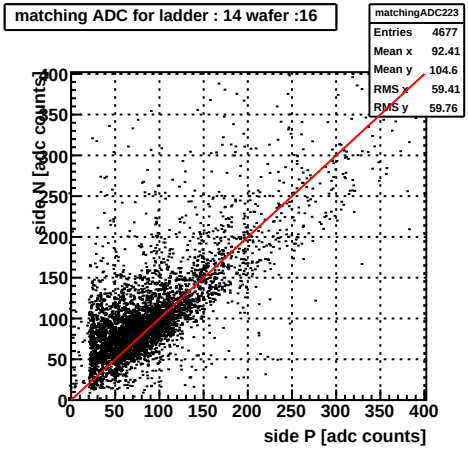

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 4659
Mean x 82.48
Mean y 94.38
RMS x 58.34
RMS y 62.55
side N [adc counts]
side P [adc counts]

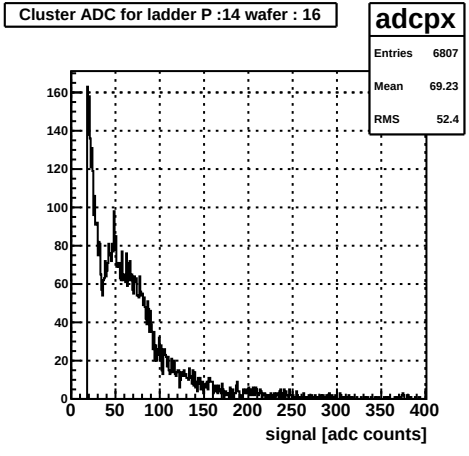

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 7894
Mean 66.71
RMS 56.38
signal [adc counts]

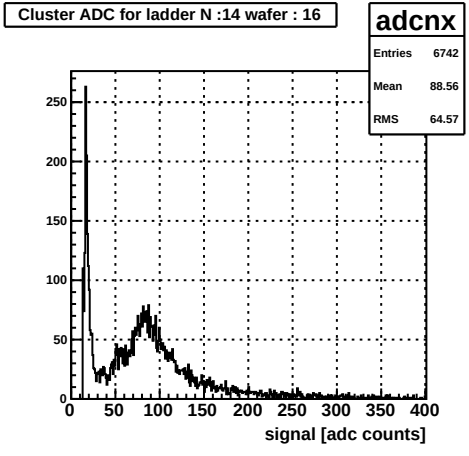

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 10070
Mean 64.84
RMS 58.92
signal [adc counts]

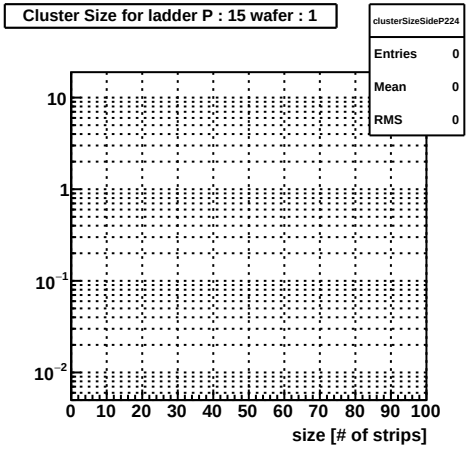

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 6807
Mean 1.426
RMS 0.7391
size [# of strips]

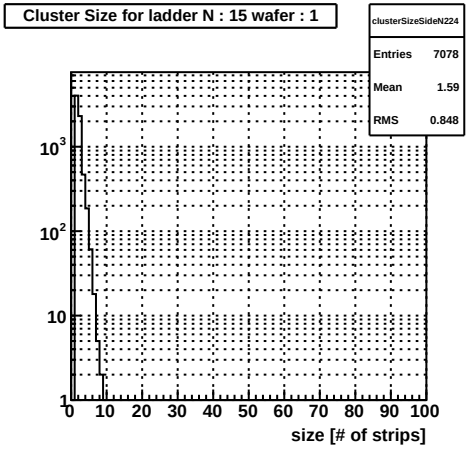

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 6742
Mean 1.706
RMS 0.9004
size [# of strips]

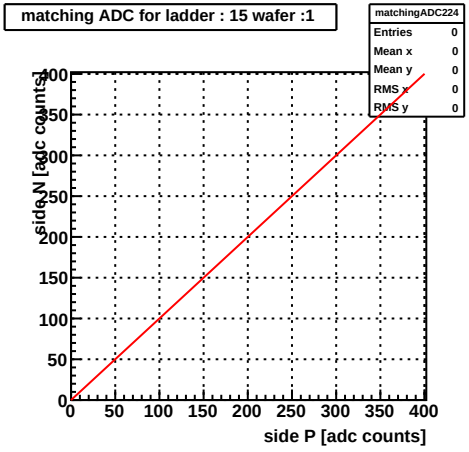

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 4677
Mean x 92.41
Mean y 104.6
RMS x 59.41
RMS y 59.76
side N [adc counts]
side P [adc counts]

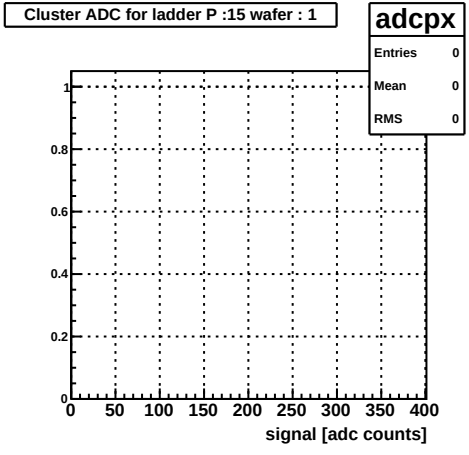

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 6807
Mean 69.23
RMS 52.4
signal [adc counts]

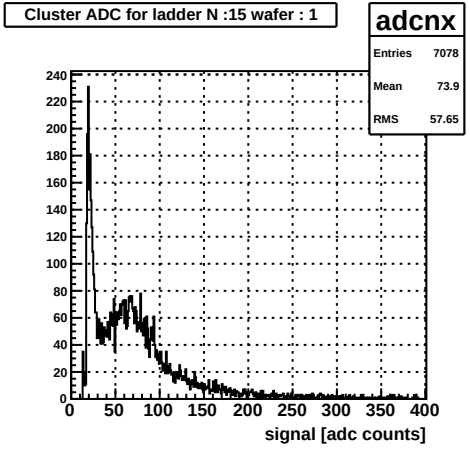

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 6742
Mean 88.56
RMS 64.57
signal [adc counts]

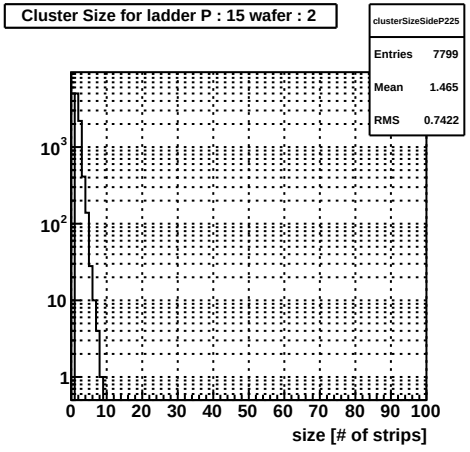

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

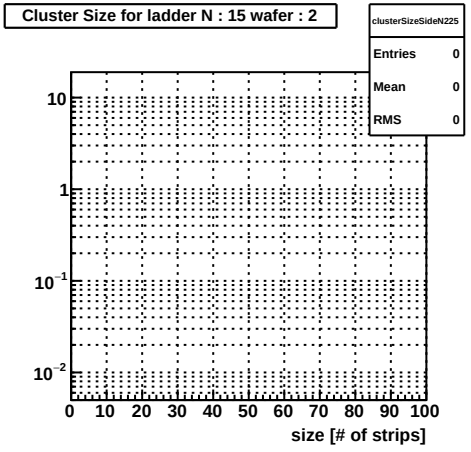

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 7078
Mean 1.59
RMS 0.848
size [# of strips]

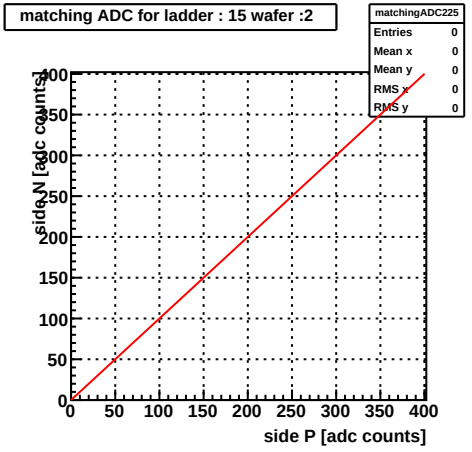

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

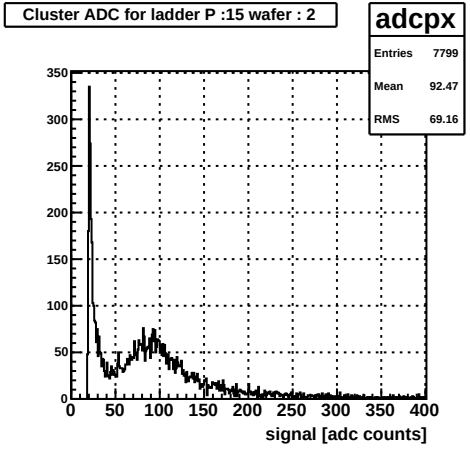

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

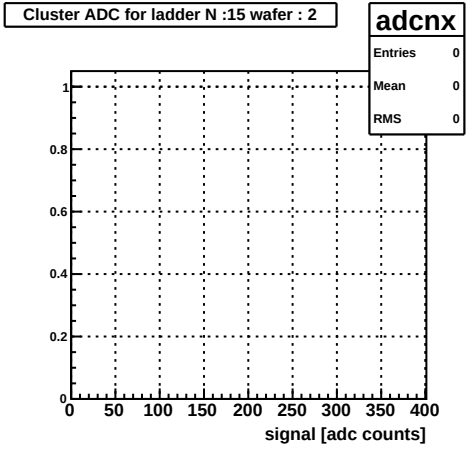

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 7078
Mean 73.9
RMS 57.65
signal [adc counts]

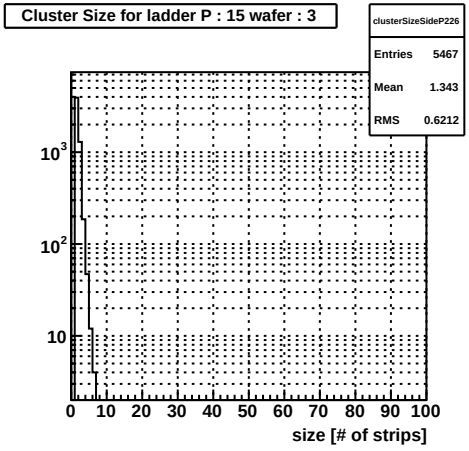

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 7799
Mean 1.465
RMS 0.7422
size [# of strips]

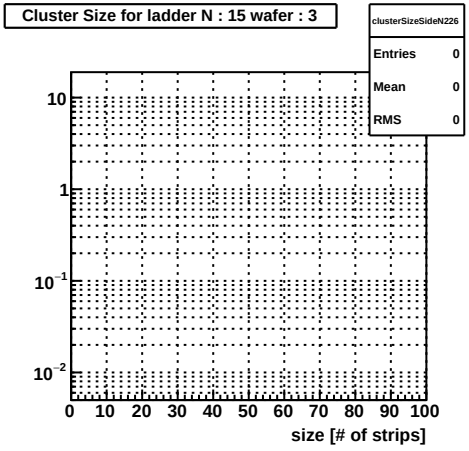

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

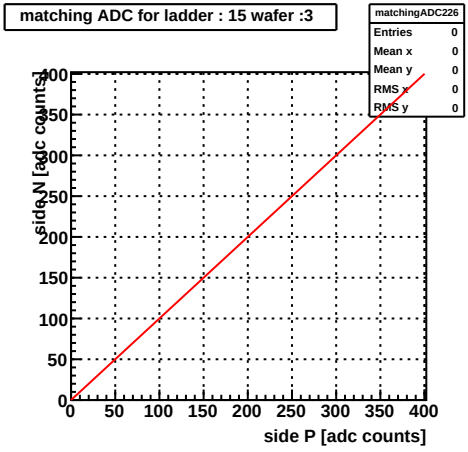

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

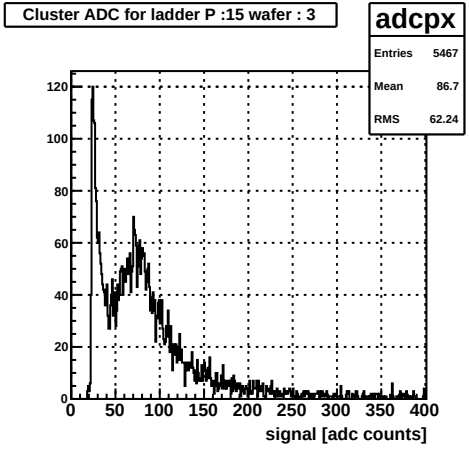

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 7799
Mean 92.47
RMS 69.16
signal [adc counts]

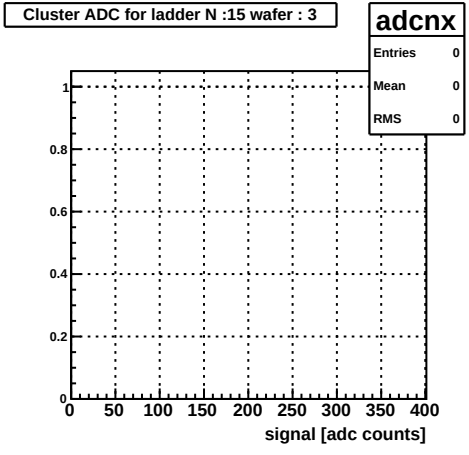

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

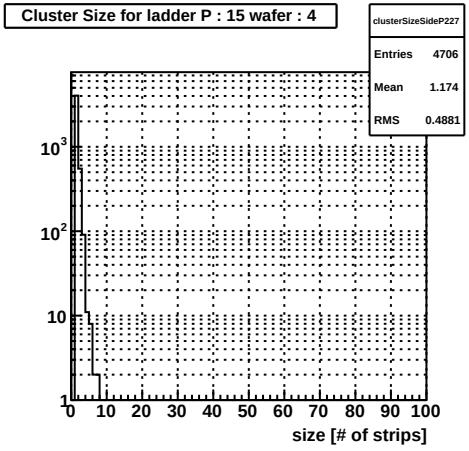

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5467
Mean 1.343
RMS 0.6212
size [# of strips]

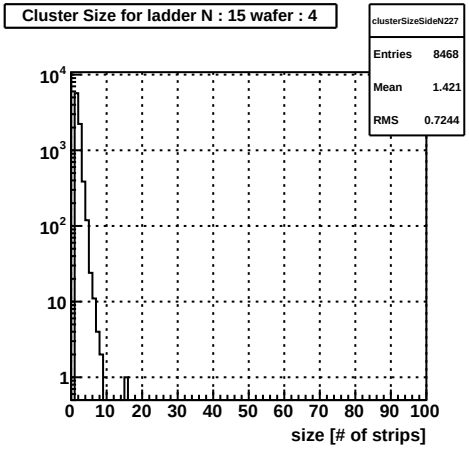

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

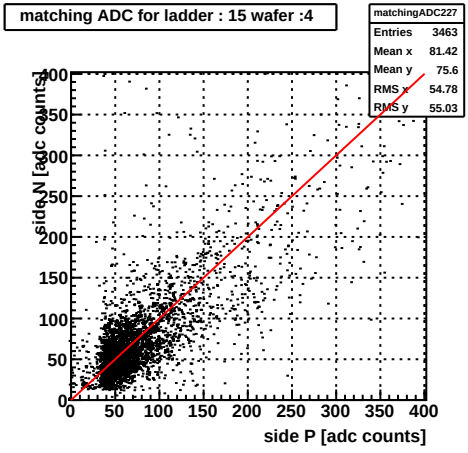

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

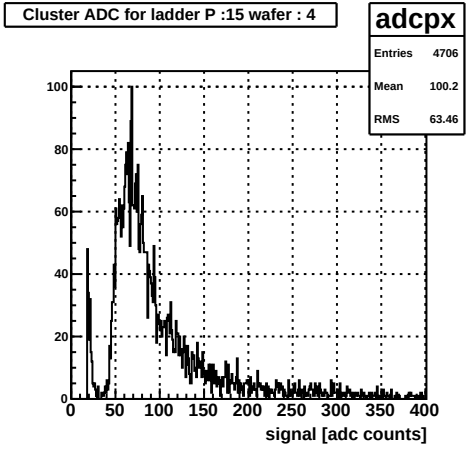

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5467
Mean 86.7
RMS 62.24
signal [adc counts]

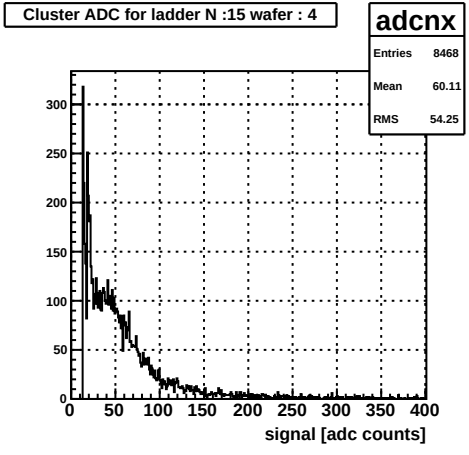

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

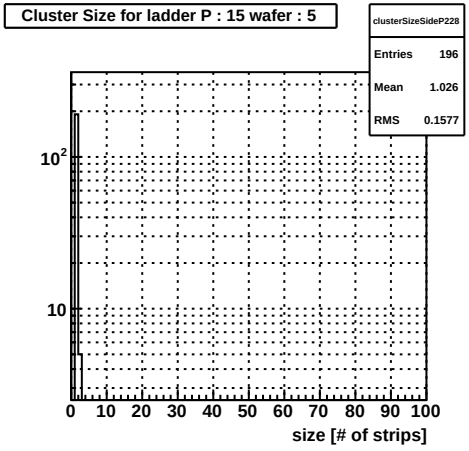

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 4706
Mean 1.174
RMS 0.4881
size [# of strips]

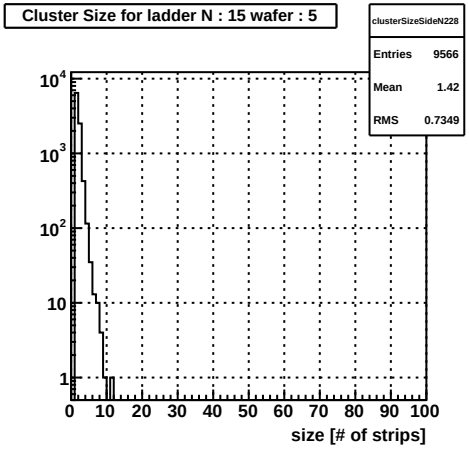

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 8468
Mean 1.421
RMS 0.7244
size [# of strips]

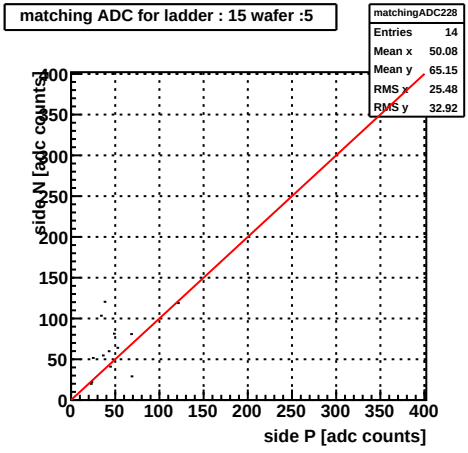

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 3463
Mean x 81.42
Mean y 75.6
RMS x 54.78
RMS y 55.03
side N [adc counts]
side P [adc counts]

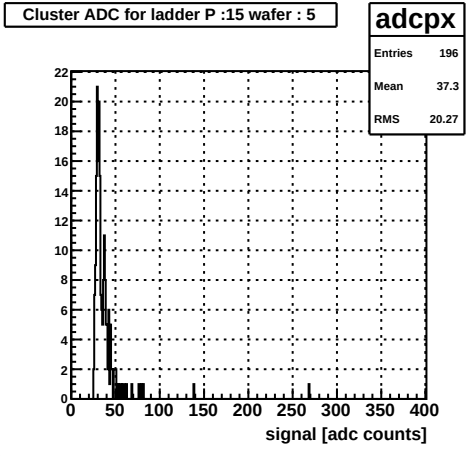

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 4706
Mean 100.2
RMS 63.46
signal [adc counts]

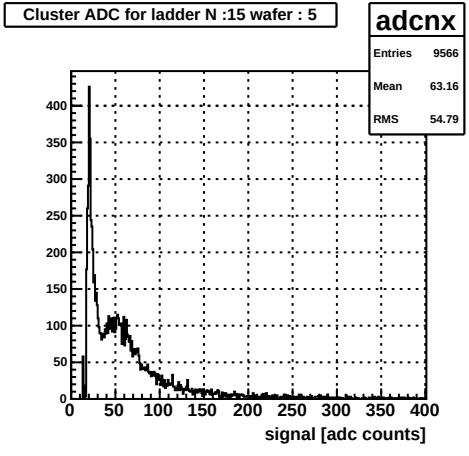

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 8468
Mean 60.11
RMS 54.25
signal [adc counts]

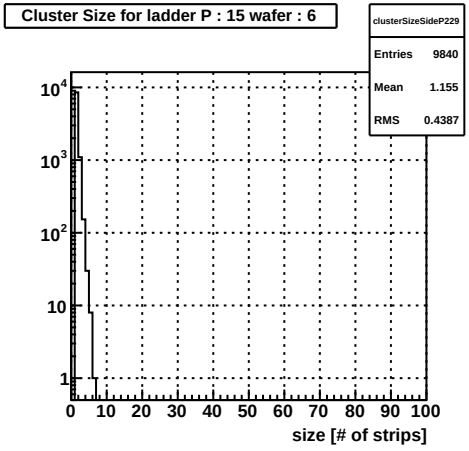

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 196
Mean 1.026
RMS 0.1577
size [# of strips]

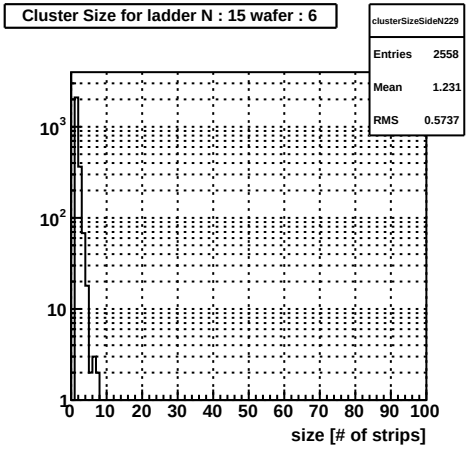

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 9566
Mean 1.42
RMS 0.7349
size [# of strips]

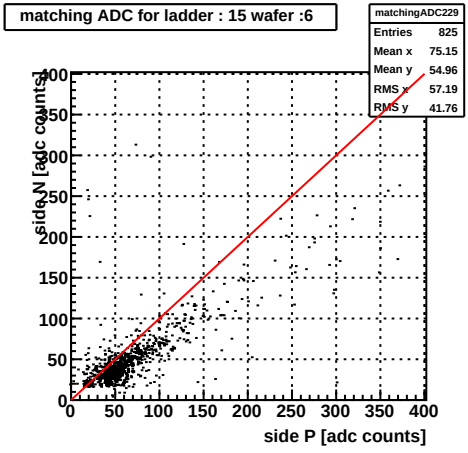

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 14
Mean x 50.08
Mean y 65.15
RMS x 25.48
RMS y 32.92
side N [adc counts]
side P [adc counts]

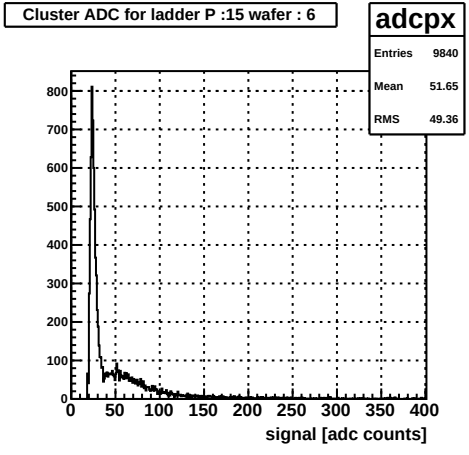

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 196
Mean 37.3
RMS 20.27
signal [adc counts]

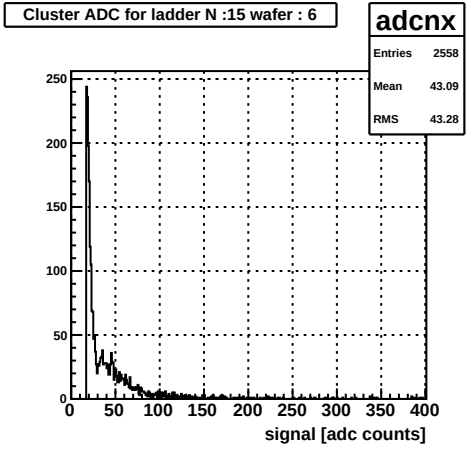

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 9566
Mean 63.16
RMS 54.79
signal [adc counts]

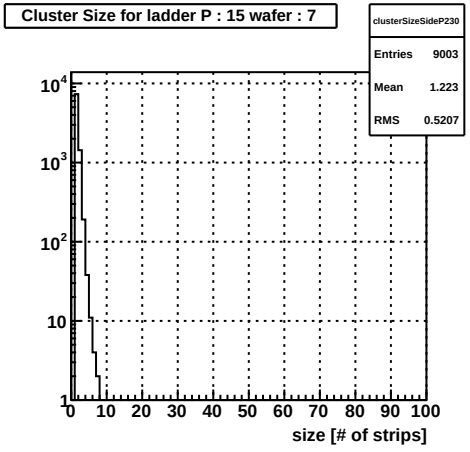

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9840
Mean 1.155
RMS 0.4387
size [# of strips]

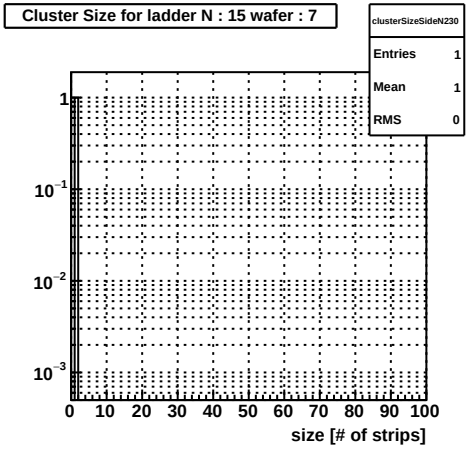

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2558
Mean 1.231
RMS 0.5737
size [# of strips]

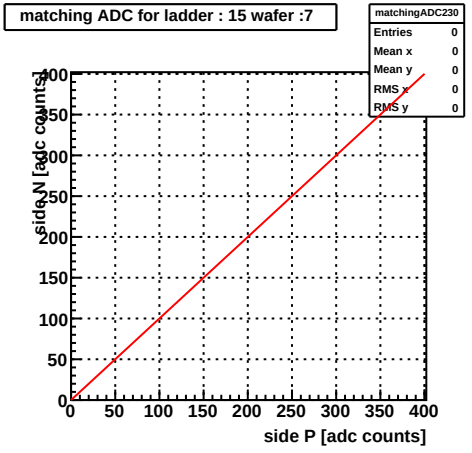

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 825
Mean x 75.15
Mean y 54.96
RMS x 57.19
RMS y 41.76
side N [adc counts]
side P [adc counts]

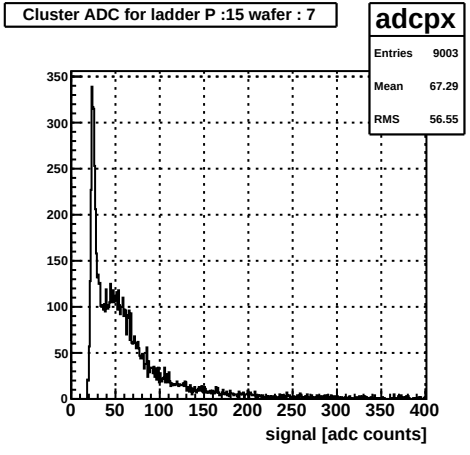

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9840
Mean 51.65
RMS 49.36
signal [adc counts]

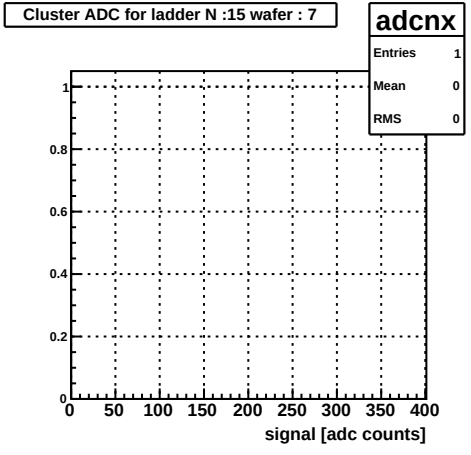

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2558
Mean 43.09
RMS 43.28
signal [adc counts]

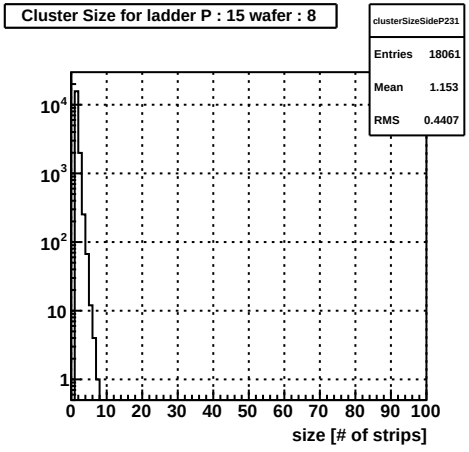

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 9003
Mean 1.223
RMS 0.5207
size [# of strips]

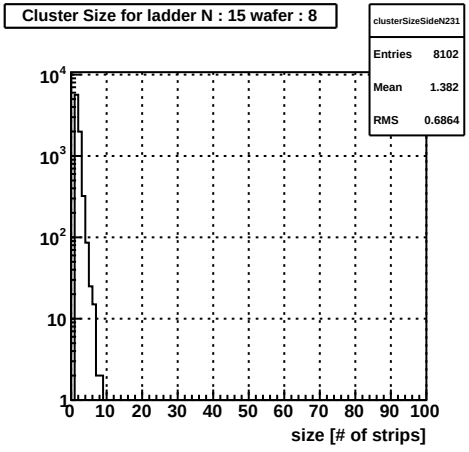

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

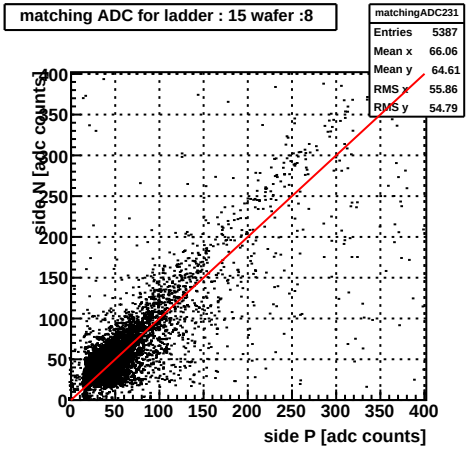

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

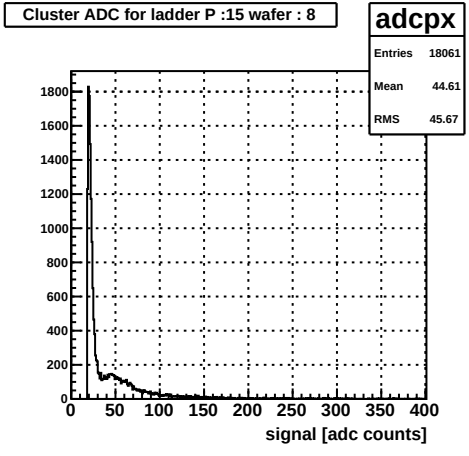

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 9003
Mean 67.29
RMS 56.55
signal [adc counts]

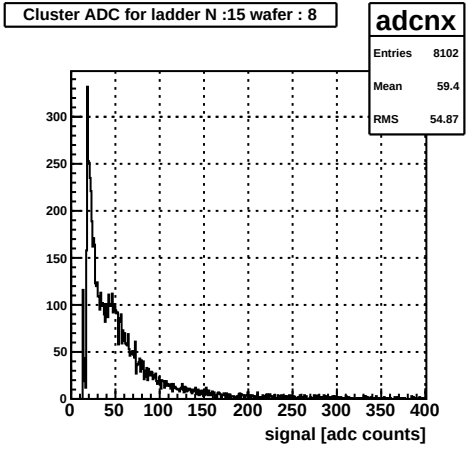

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

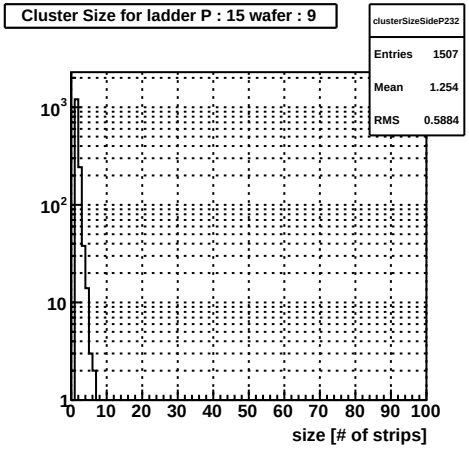

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 18061
Mean 1.153
RMS 0.4407
size [# of strips]

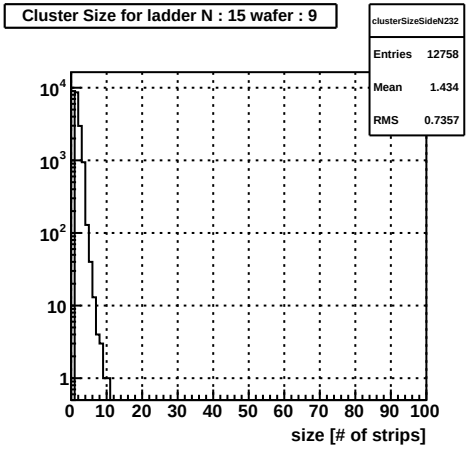

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 8102
Mean 1.382
RMS 0.6864
size [# of strips]

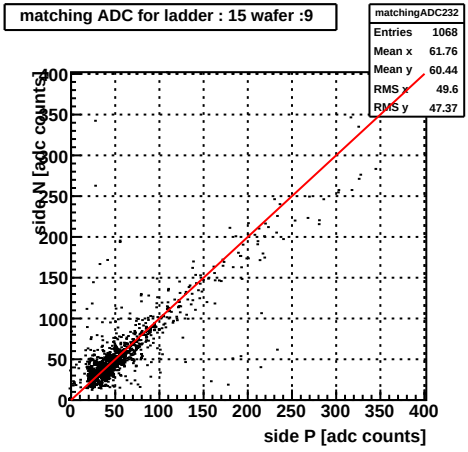

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 5387
Mean x 66.06
Mean y 64.61
RMS x 55.86
RMS y 54.79
side N [adc counts]
side P [adc counts]

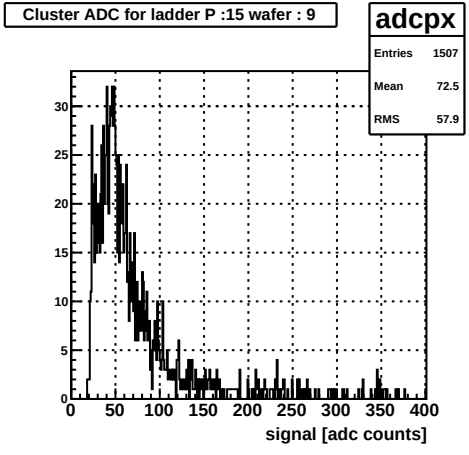

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 18061
Mean 44.61
RMS 45.67
signal [adc counts]

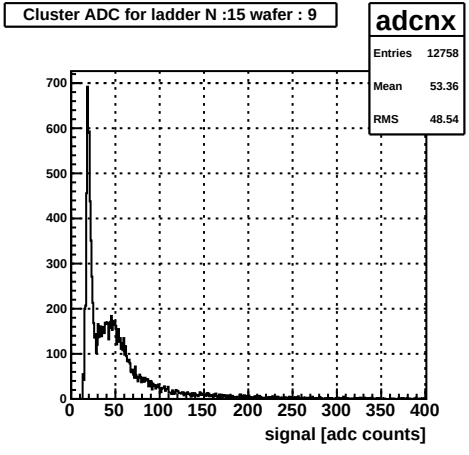

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 8102
Mean 59.4
RMS 54.87
signal [adc counts]

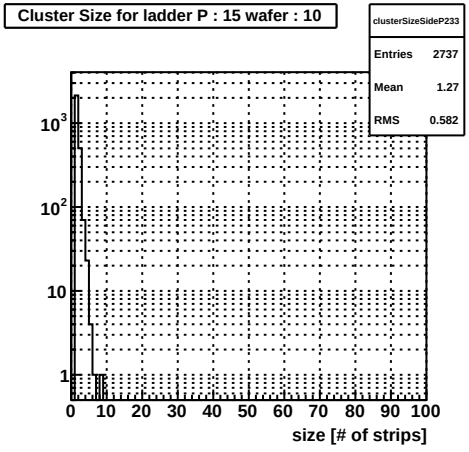

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1507
Mean 1.254
RMS 0.5884
size [# of strips]

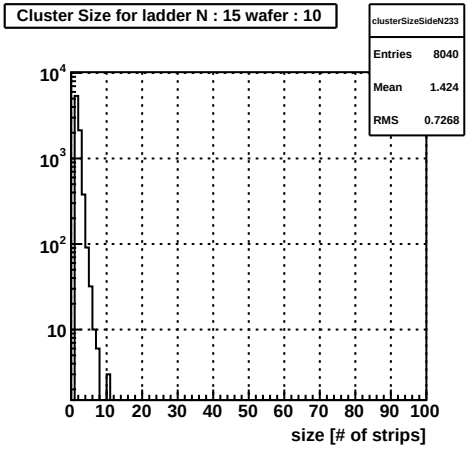

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 12758
Mean 1.434
RMS 0.7357
size [# of strips]

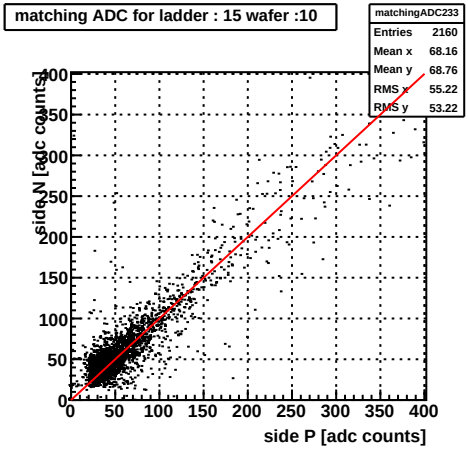

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1068
Mean x 61.76
Mean y 60.44
RMS x 49.6
RMS y 47.37
side N [adc counts]
side P [adc counts]

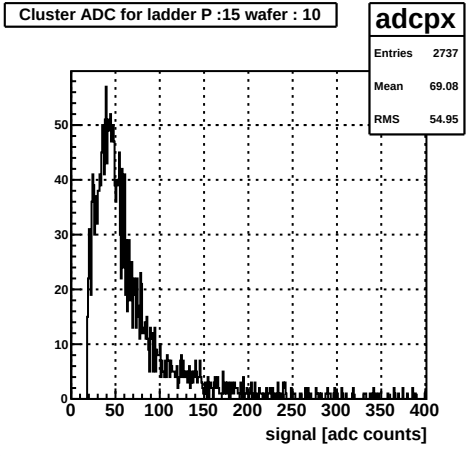

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1507
Mean 72.5
RMS 57.9
signal [adc counts]

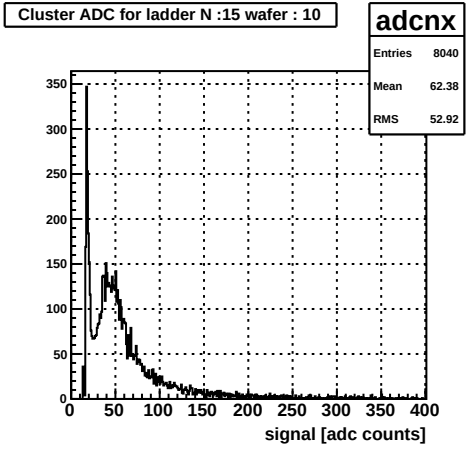

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 12758
Mean 53.36
RMS 48.54
signal [adc counts]

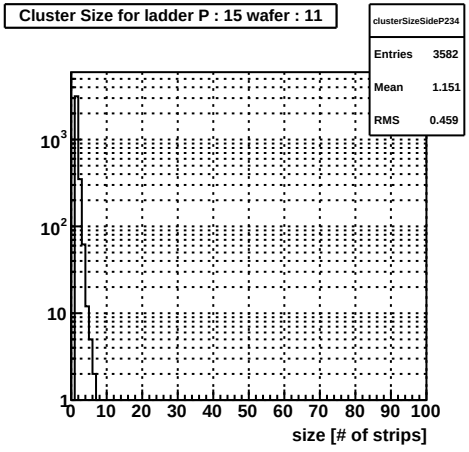

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2737
Mean 1.27
RMS 0.582
size [# of strips]

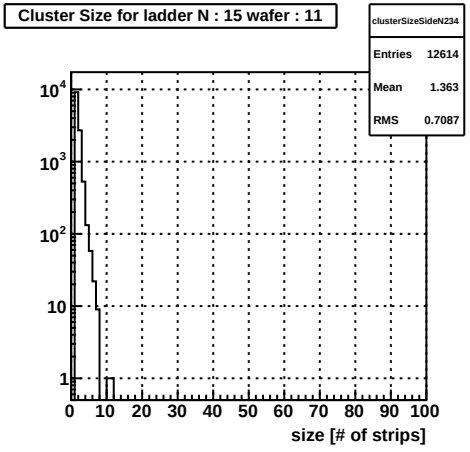

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 8040
Mean 1.424
RMS 0.7268
size [# of strips]

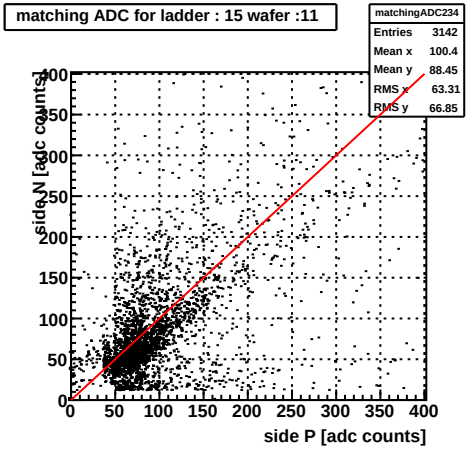

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2160
Mean x 68.16
Mean y 68.76
RMS x 55.22
RMS y 53.22
side N [adc counts]
side P [adc counts]

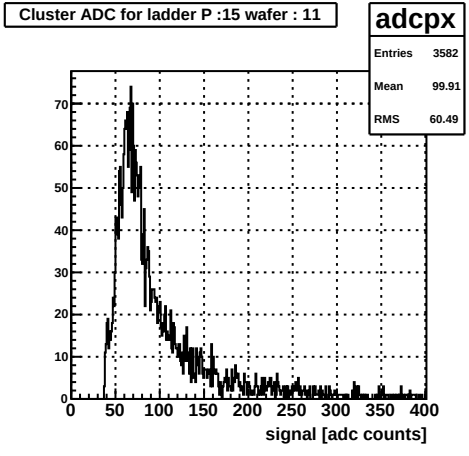

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2737
Mean 69.08
RMS 54.95
signal [adc counts]

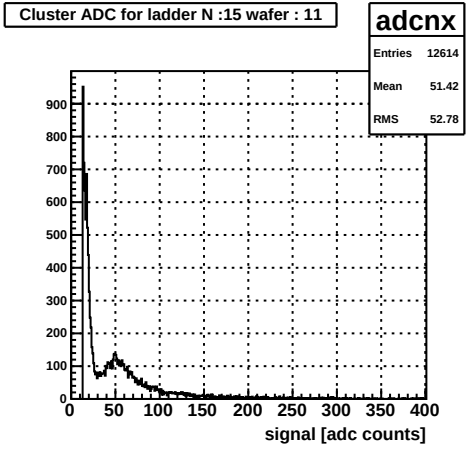

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 8040
Mean 62.38
RMS 52.92
signal [adc counts]

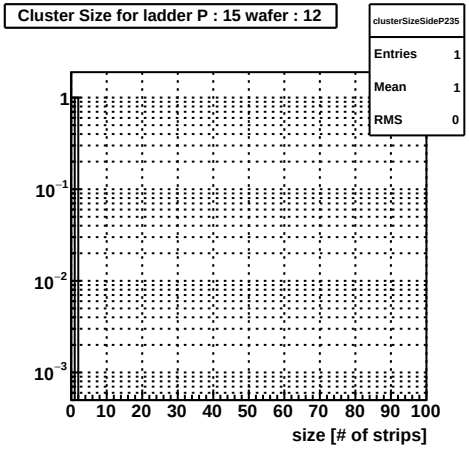

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 3582
Mean 1.151
RMS 0.459
size [# of strips]

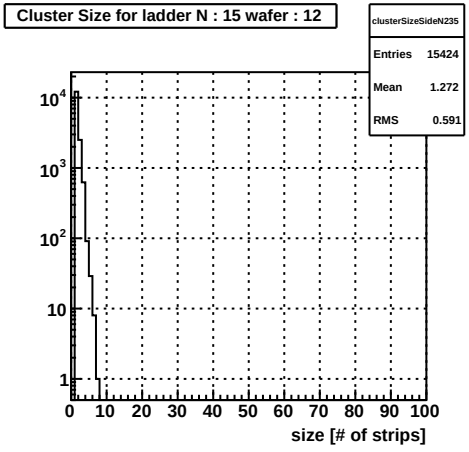

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 12614
Mean 1.363
RMS 0.7087
size [# of strips]

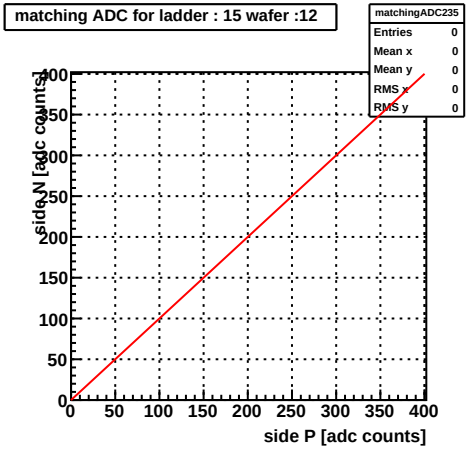

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 3142
Mean x 100.4
Mean y 88.45
RMS x 63.31
RMS y 66.85
side N [adc counts]
side P [adc counts]

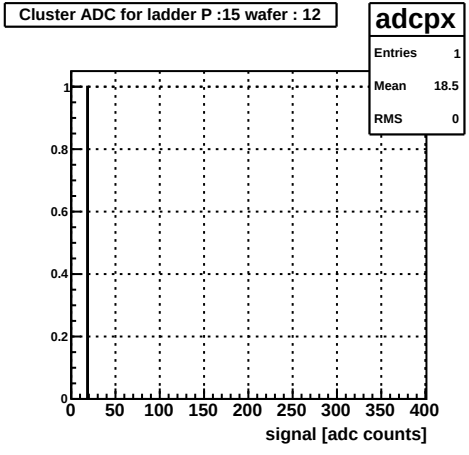

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 3582
Mean 99.91
RMS 60.49
signal [adc counts]

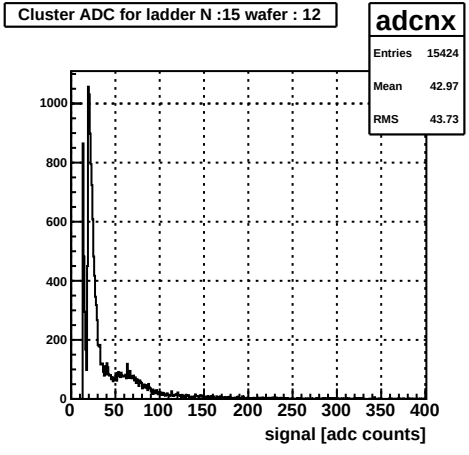

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 12614
Mean 51.42
RMS 52.78
signal [adc counts]

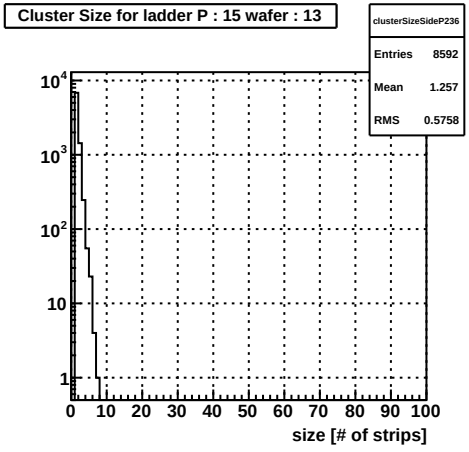

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1
Mean 1
RMS 0
size [# of strips]

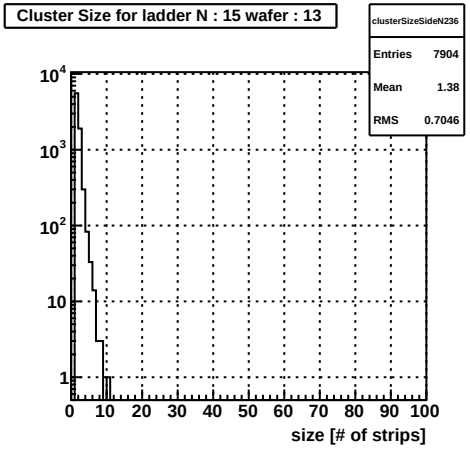

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 15424
Mean 1.272
RMS 0.591
size [# of strips]

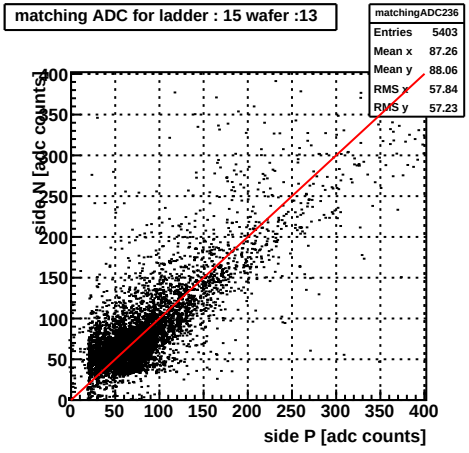

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

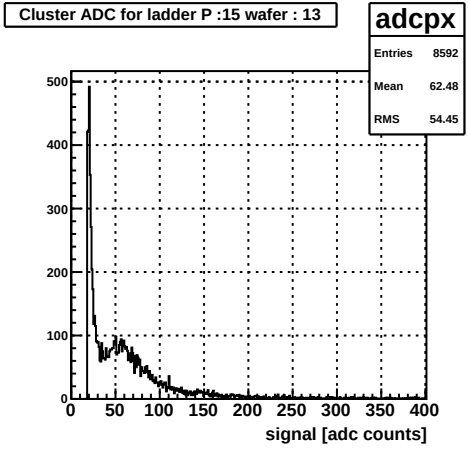

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

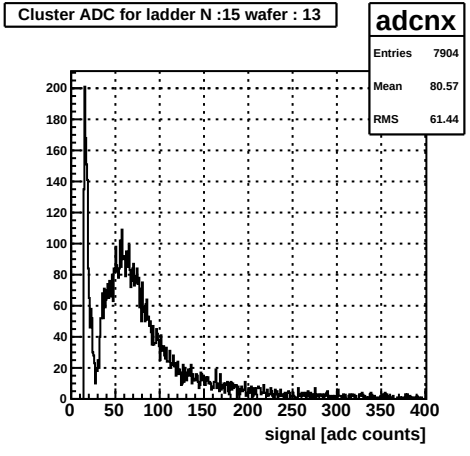

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 15424
Mean 42.97
RMS 43.73
signal [adc counts]

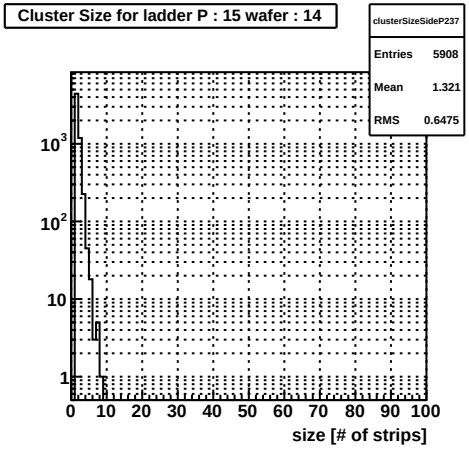

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 8592
Mean 1.257
RMS 0.5758
size [# of strips]

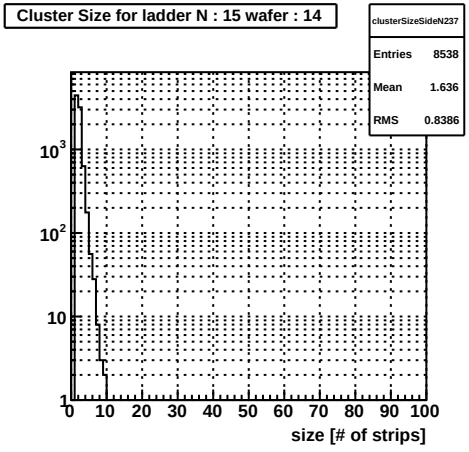

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 7904
Mean 1.38
RMS 0.7046
size [# of strips]

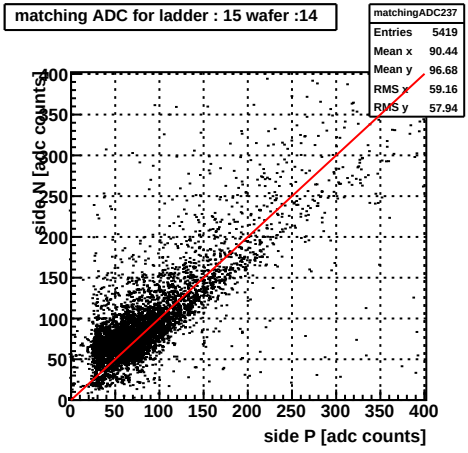

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 5403
Mean x 87.26
Mean y 88.06
RMS x 57.84
RMS y 57.23
side N [adc counts]
side P [adc counts]

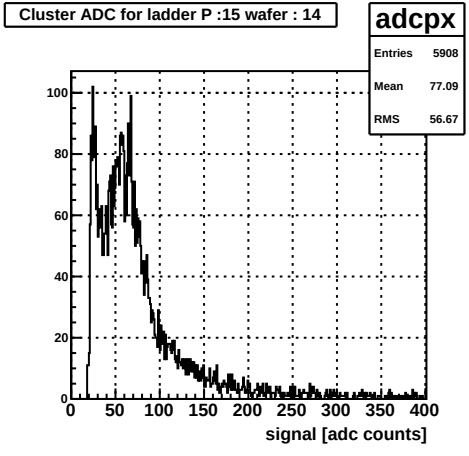

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 8592
Mean 62.48
RMS 54.45
signal [adc counts]

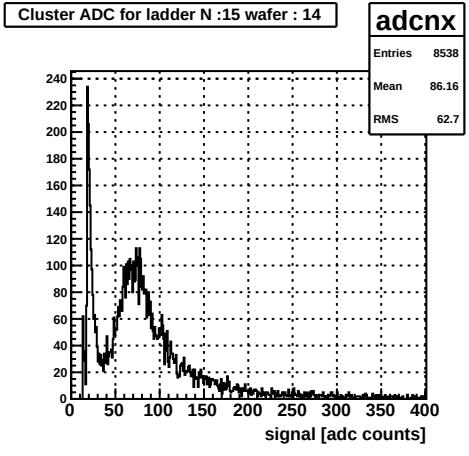

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 7904
Mean 80.57
RMS 61.44
signal [adc counts]

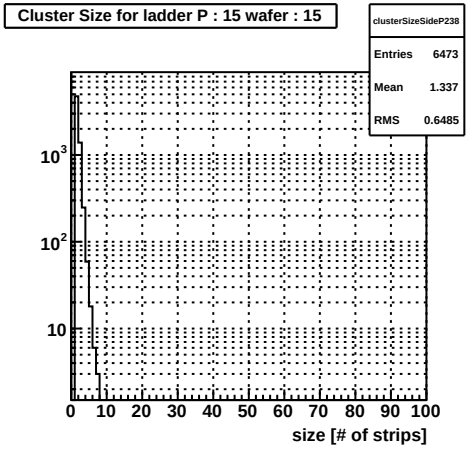

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 5908
Mean 1.321
RMS 0.6475
size [# of strips]

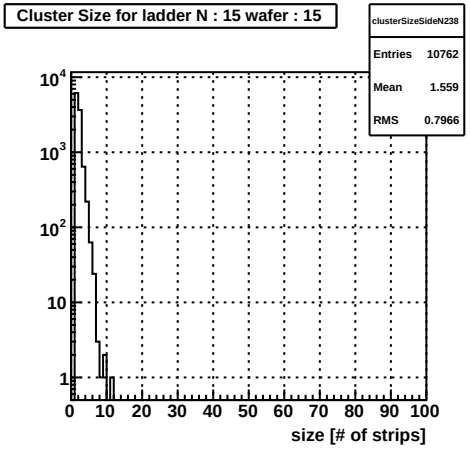

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 8538
Mean 1.636
RMS 0.8386
size [# of strips]

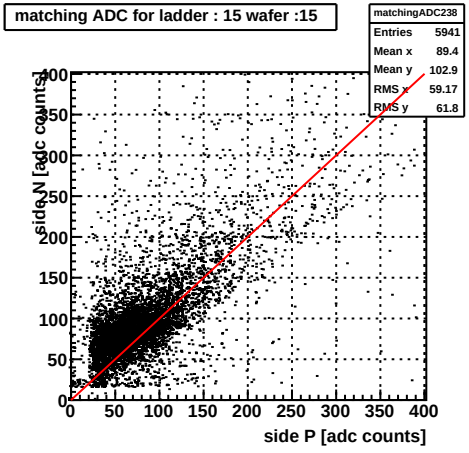

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 5419
Mean x 90.44
Mean y 96.68
RMS x 59.16
RMS y 57.94
side N [adc counts]
side P [adc counts]

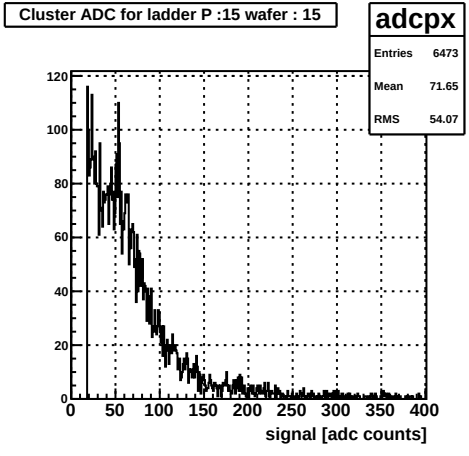

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 5908
Mean 77.09
RMS 56.67
signal [adc counts]

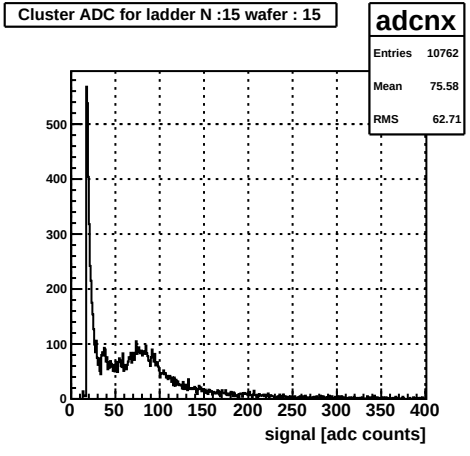

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 8538
Mean 86.16
RMS 62.7
signal [adc counts]

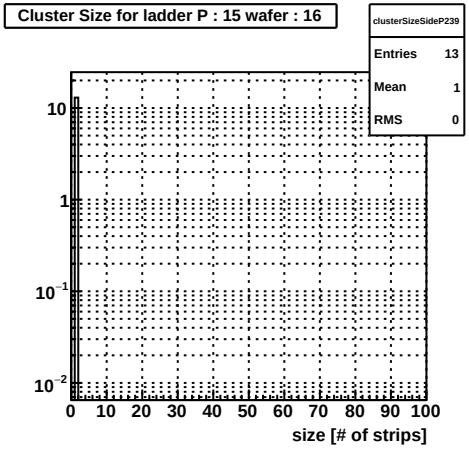

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 6473
Mean 1.337
RMS 0.6485
size [# of strips]

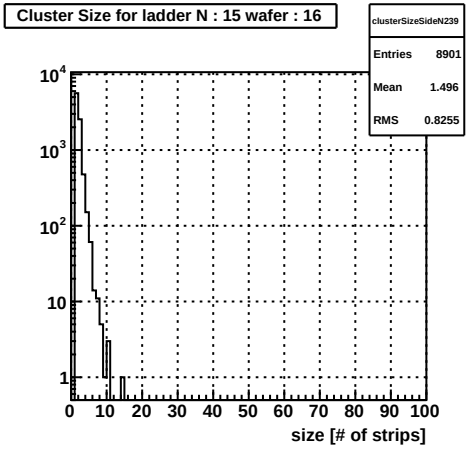

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 10762
Mean 1.559
RMS 0.7966
size [# of strips]

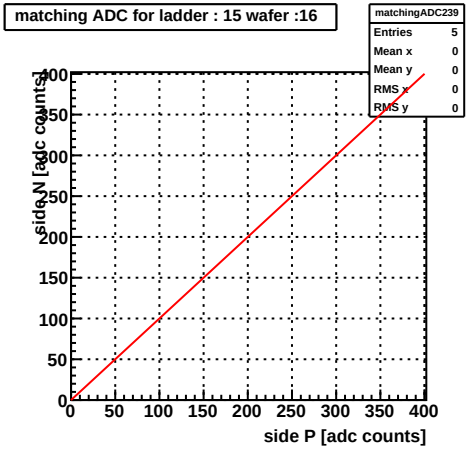

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 5941
Mean x 89.4
Mean y 102.9
RMS x 59.17
RMS y 61.8
side N [adc counts]
side P [adc counts]

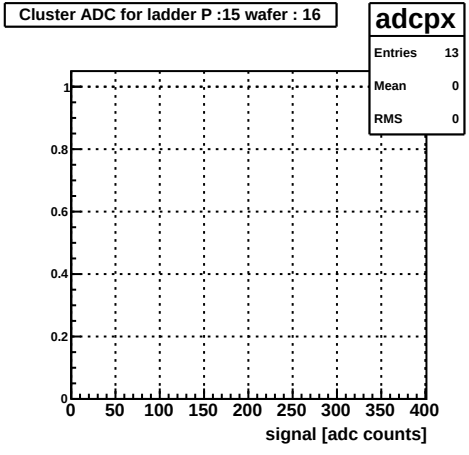

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 6473
Mean 71.65
RMS 54.07
signal [adc counts]

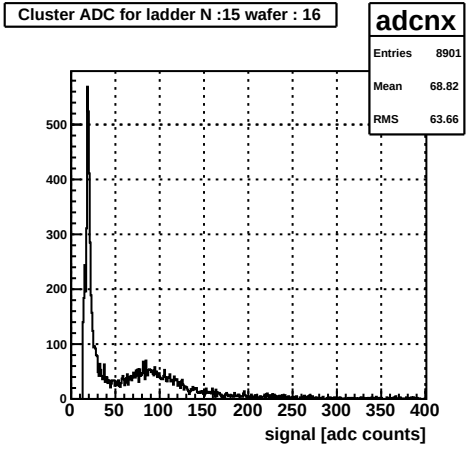

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 10762
Mean 75.58
RMS 62.71
signal [adc counts]

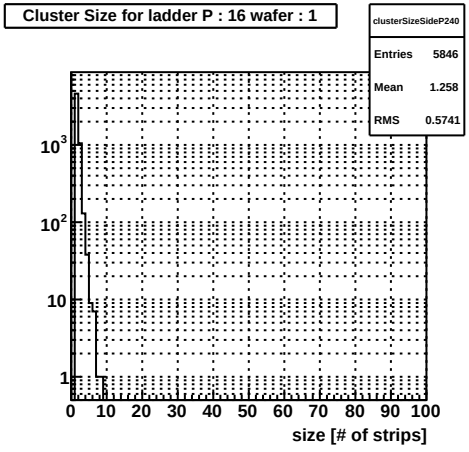

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 13
Mean 1
RMS 0
size [# of strips]

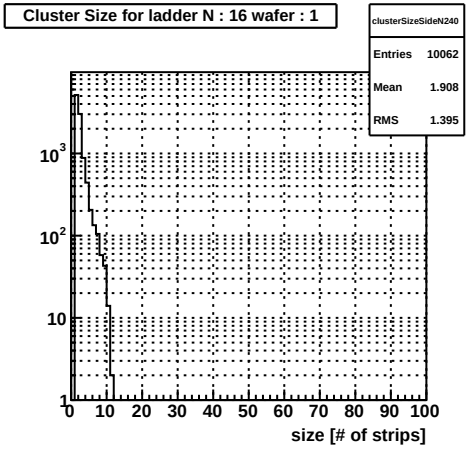

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 8901
Mean 1.496
RMS 0.8255
size [# of strips]

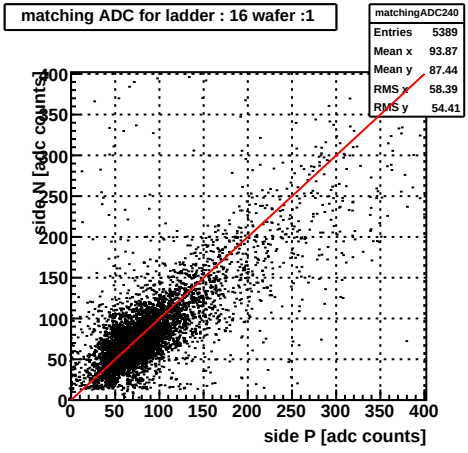

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

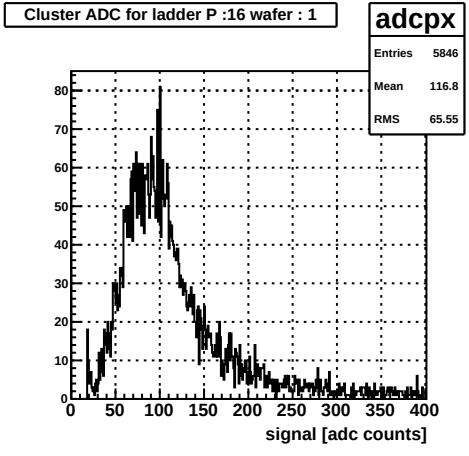

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

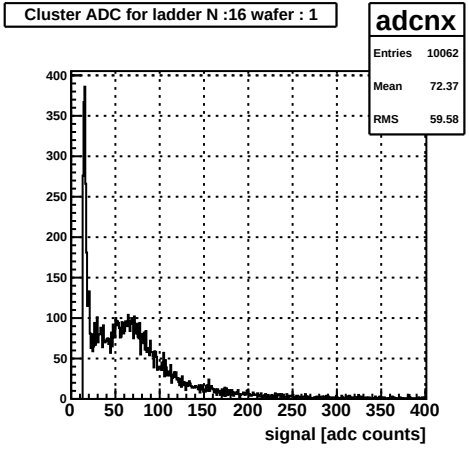

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 8901
Mean 68.82
RMS 63.66
signal [adc counts]

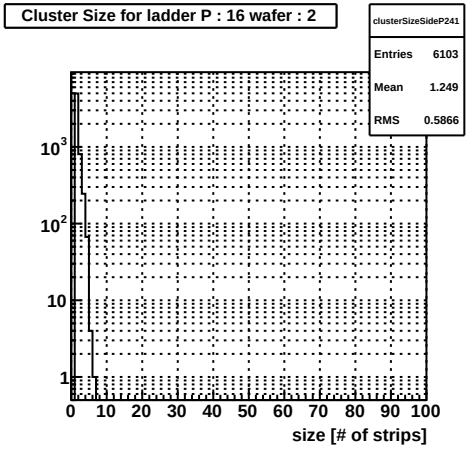

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 5846
Mean 1.258
RMS 0.5741
size [# of strips]

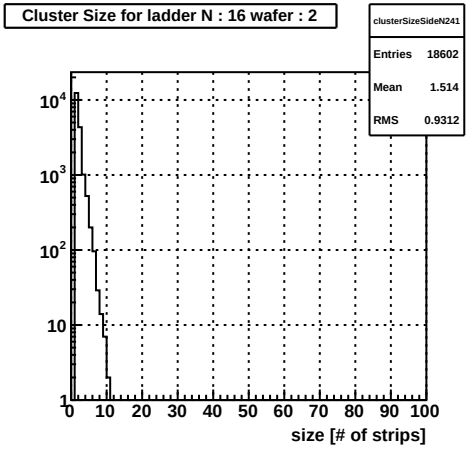

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 10062
Mean 1.908
RMS 1.395
size [# of strips]

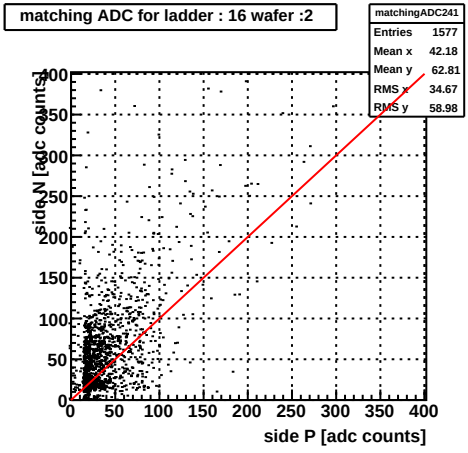

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 5389
Mean x 93.87
Mean y 87.44
RMS x 58.39
RMS y 54.41
side N [adc counts]
side P [adc counts]

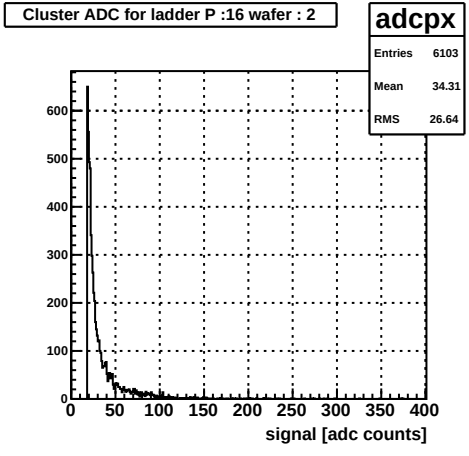

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 5846
Mean 116.8
RMS 65.55
signal [adc counts]

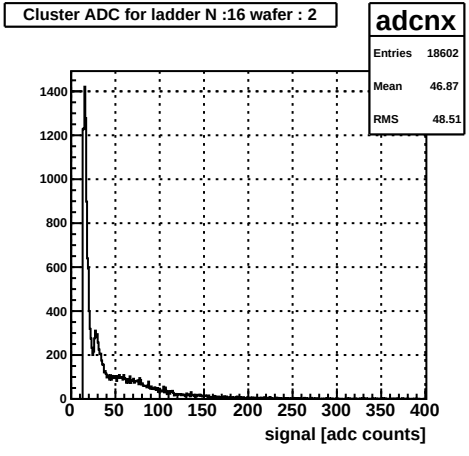

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 10062
Mean 72.37
RMS 59.58
signal [adc counts]

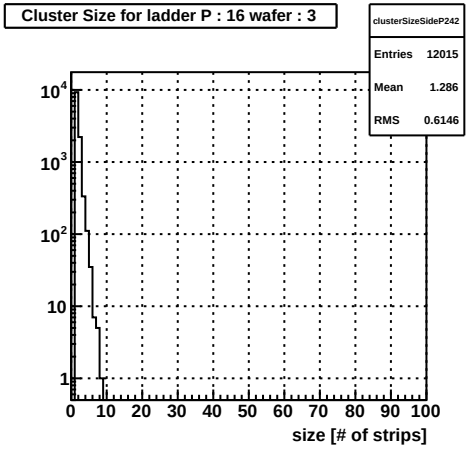

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 6103
Mean 1.249
RMS 0.5866
size [# of strips]

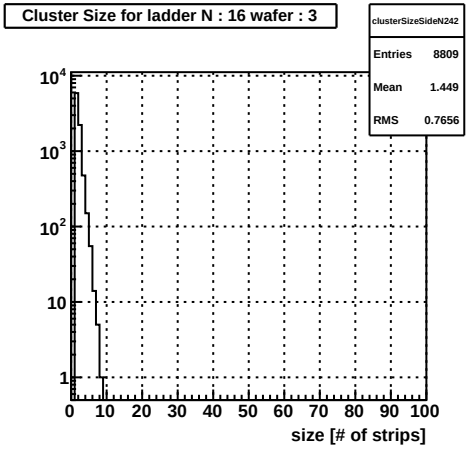

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 18602
Mean 1.514
RMS 0.9312
size [# of strips]

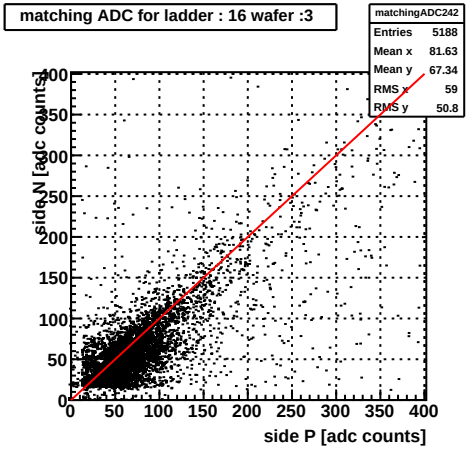

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1577
Mean x 42.18
Mean y 62.81
RMS x 34.67
RMS y 58.98
side N [adc counts]
side P [adc counts]

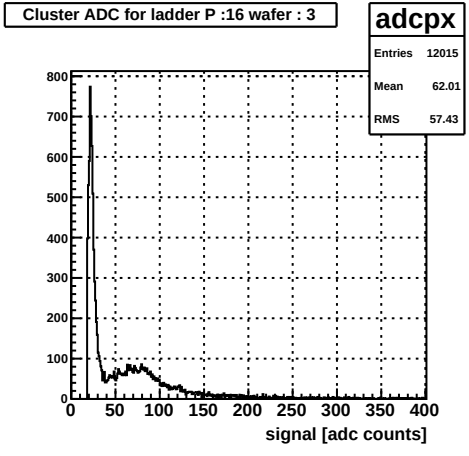

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 6103
Mean 34.31
RMS 26.64
signal [adc counts]

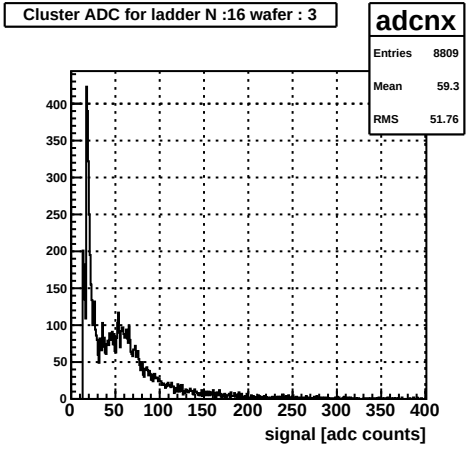

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 18602
Mean 46.87
RMS 48.51
signal [adc counts]

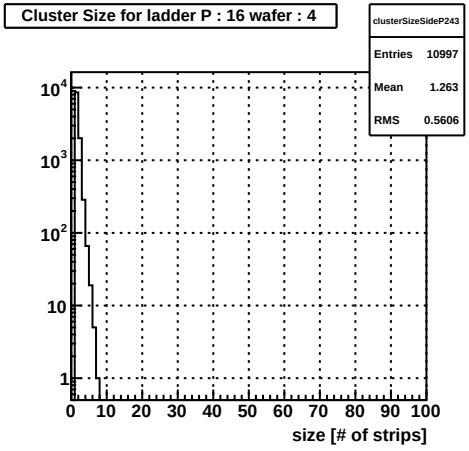

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 12015
Mean 1.286
RMS 0.6146
size [# of strips]

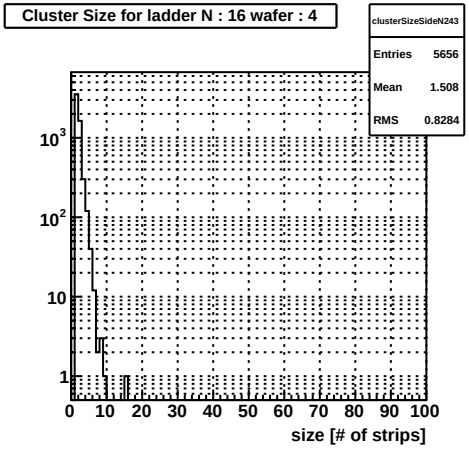

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 8809
Mean 1.449
RMS 0.7656
size [# of strips]

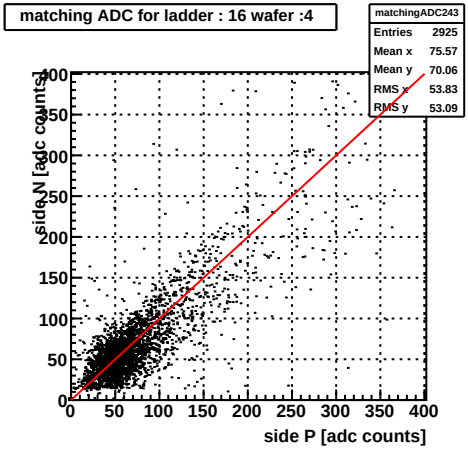

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 5188
Mean x 81.63
Mean y 67.34
RMS x 59
RMS y 50.8
side N [adc counts]
side P [adc counts]

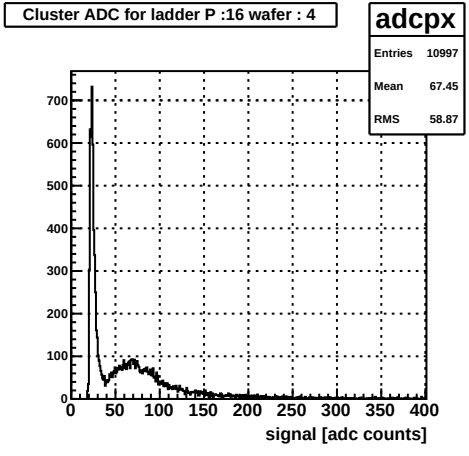

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 12015
Mean 62.01
RMS 57.43
signal [adc counts]

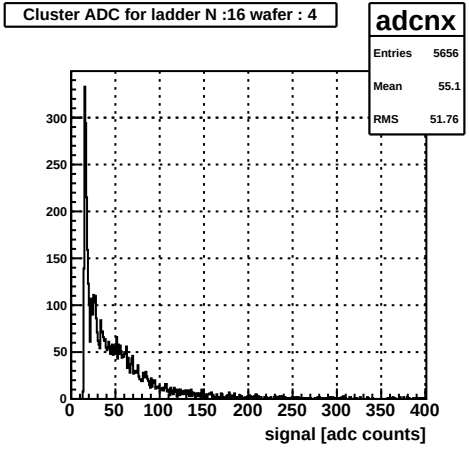

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 8809
Mean 59.3
RMS 51.76
signal [adc counts]

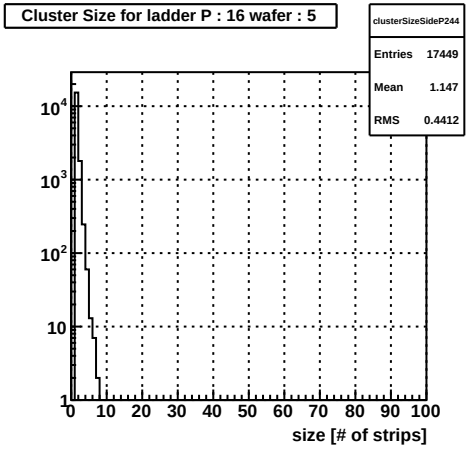

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 10997
Mean 1.263
RMS 0.5606
size [# of strips]

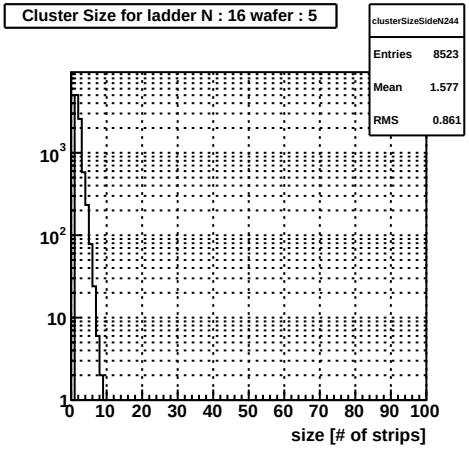

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 5656
Mean 1.508
RMS 0.8284
size [# of strips]

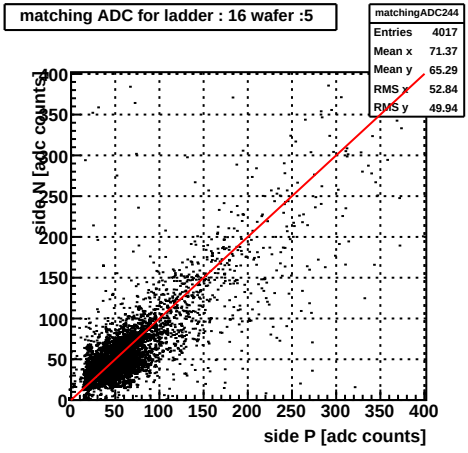

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 2925
Mean x 75.57
Mean y 70.06
RMS x 53.83
RMS y 53.09
side N [adc counts]
side P [adc counts]

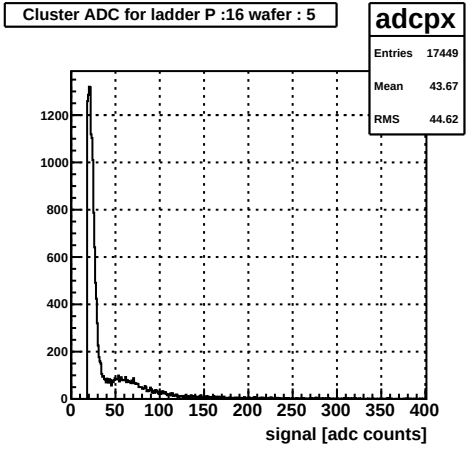

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 10997
Mean 67.45
RMS 58.87
signal [adc counts]

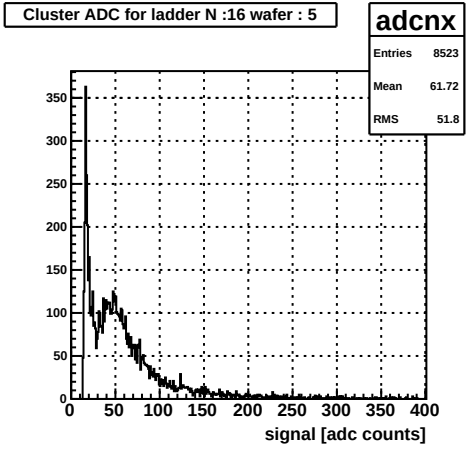

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 5656
Mean 55.1
RMS 51.76
signal [adc counts]

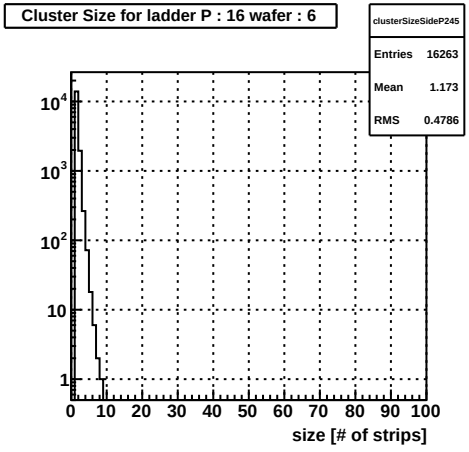

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 17449
Mean 1.147
RMS 0.4412
size [# of strips]

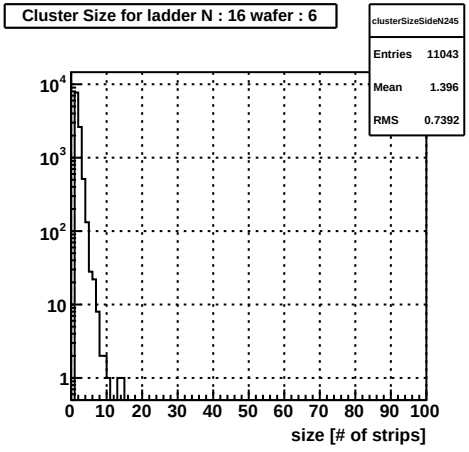

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 8523
Mean 1.577
RMS 0.861
size [# of strips]

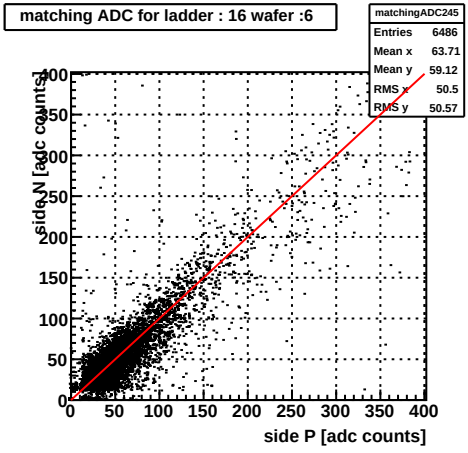

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 4017
Mean x 71.37
Mean y 65.29
RMS x 52.84
RMS y 49.94
side N [adc counts]
side P [adc counts]

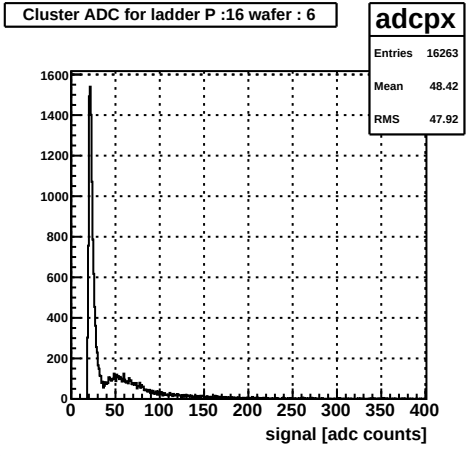

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 17449
Mean 43.67
RMS 44.62
signal [adc counts]

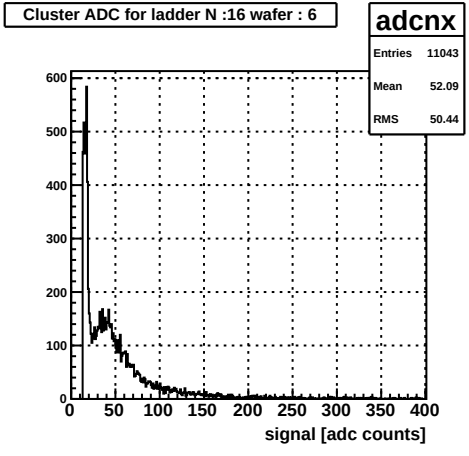

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 8523
Mean 61.72
RMS 51.8
signal [adc counts]

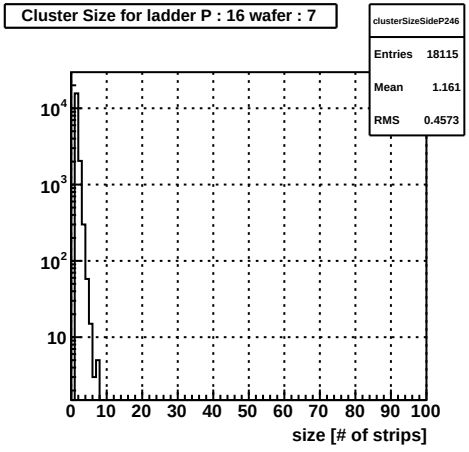

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 16263
Mean 1.173
RMS 0.4786
size [# of strips]

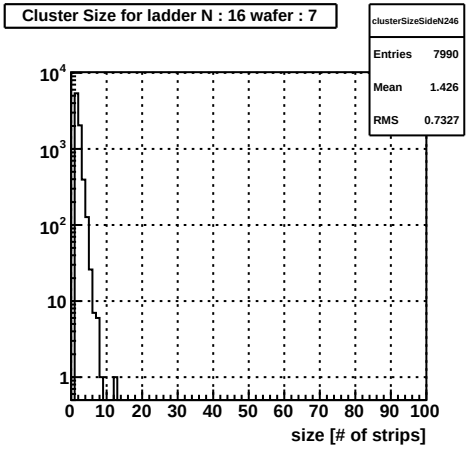

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 11043
Mean 1.396
RMS 0.7392
size [# of strips]

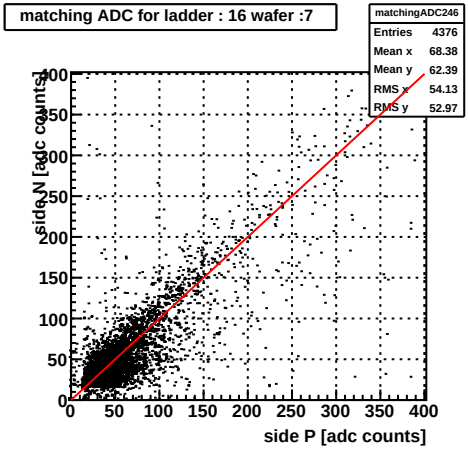

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 6486
Mean x 63.71
Mean y 59.12
RMS x 50.5
RMS y 50.57
side N [adc counts]
side P [adc counts]

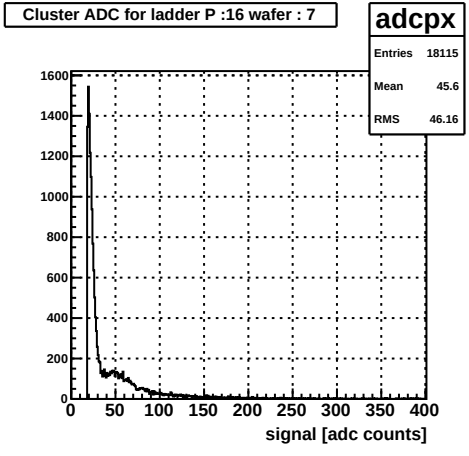

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 16263
Mean 48.42
RMS 47.92
signal [adc counts]

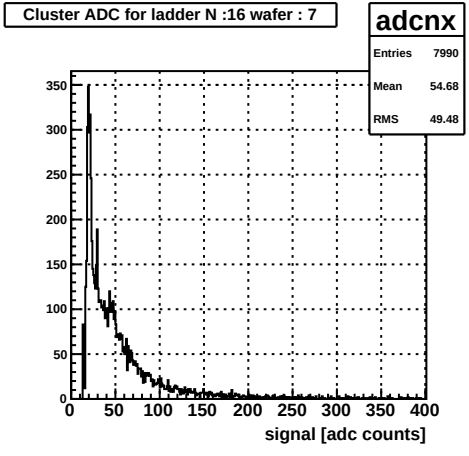

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 11043
Mean 52.09
RMS 50.44
signal [adc counts]

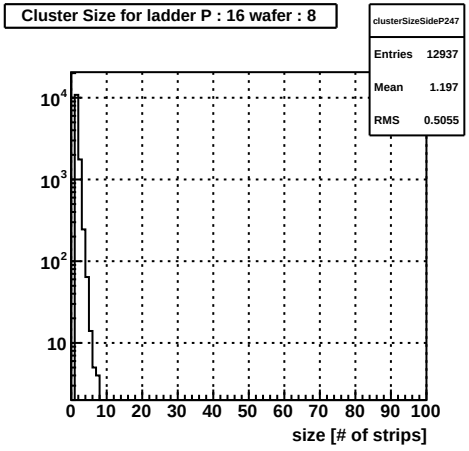

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18115
Mean 1.161
RMS 0.4573
size [# of strips]

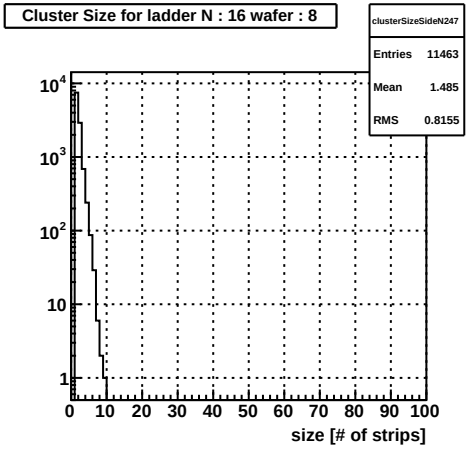

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 7990
Mean 1.426
RMS 0.7327
size [# of strips]

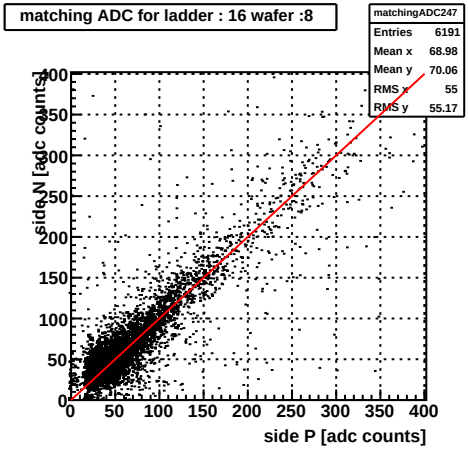

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 4376
Mean x 68.38
Mean y 62.39
RMS x 54.13
RMS y 52.97
side N [adc counts]
side P [adc counts]

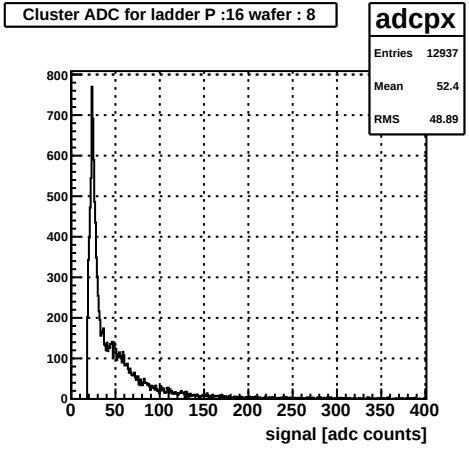

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18115
Mean 45.6
RMS 46.16
signal [adc counts]

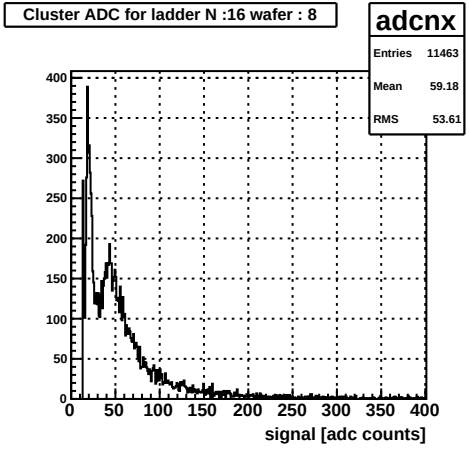

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 7990
Mean 54.68
RMS 49.48
signal [adc counts]

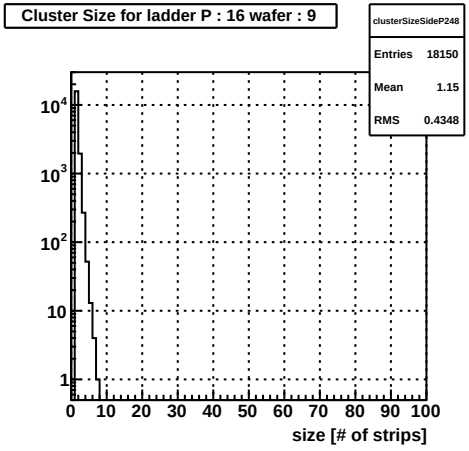

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12937
Mean 1.197
RMS 0.5055
size [# of strips]

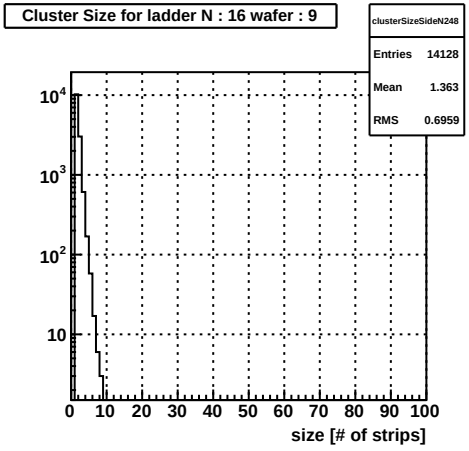

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 11463
Mean 1.485
RMS 0.8155
size [# of strips]

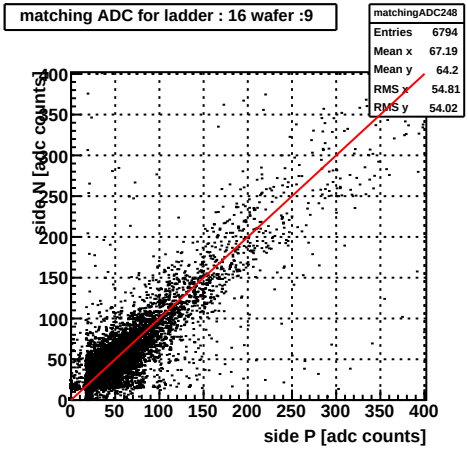

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 6191
Mean x 68.98
Mean y 70.06
RMS x 55
RMS y 55.17
side N [adc counts]
side P [adc counts]

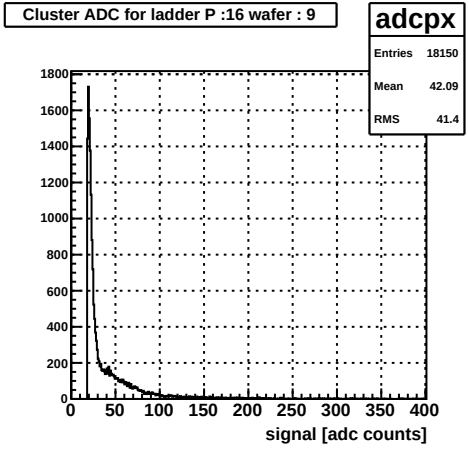

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12937
Mean 52.4
RMS 48.89
signal [adc counts]

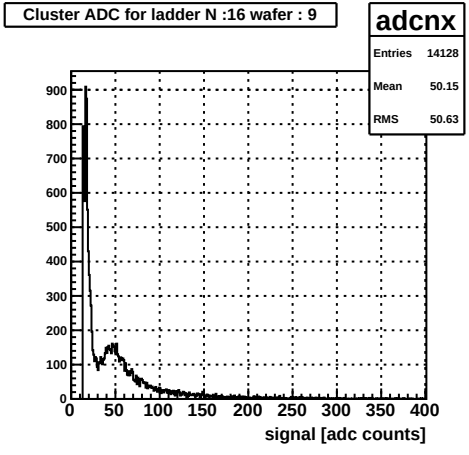

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 11463
Mean 59.18
RMS 53.61
signal [adc counts]

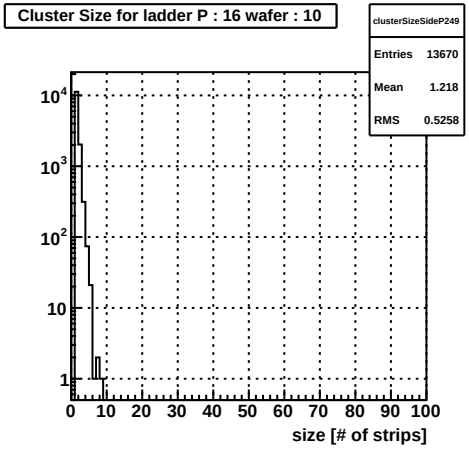

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 18150
Mean 1.15
RMS 0.4348
size [# of strips]

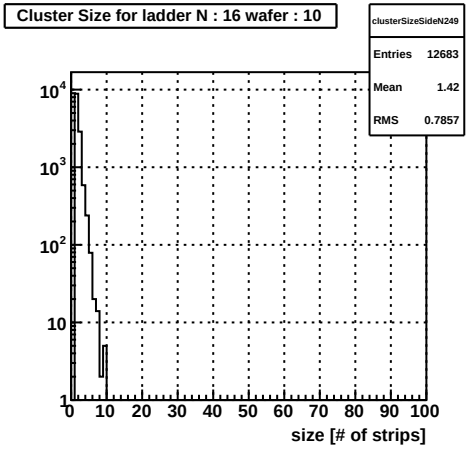

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 14128
Mean 1.363
RMS 0.6959
size [# of strips]

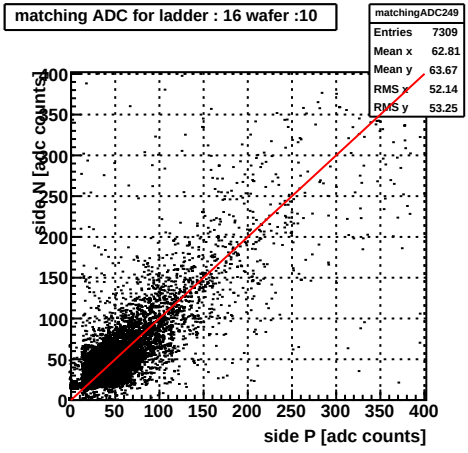

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 6794
Mean x 67.19
Mean y 64.2
RMS x 54.81
RMS y 54.02
side N [adc counts]
side P [adc counts]

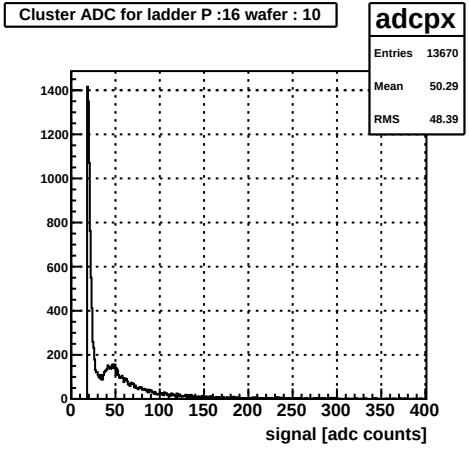

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 18150
Mean 42.09
RMS 41.4
signal [adc counts]

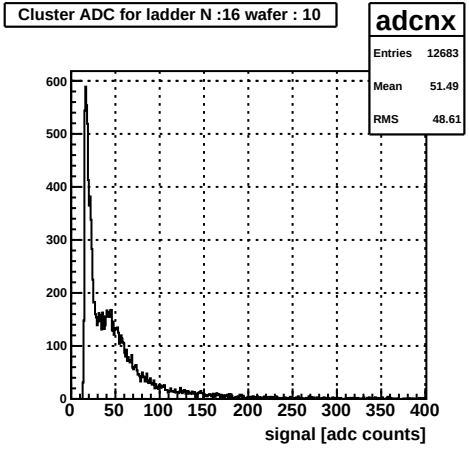

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 14128
Mean 50.15
RMS 50.63
signal [adc counts]

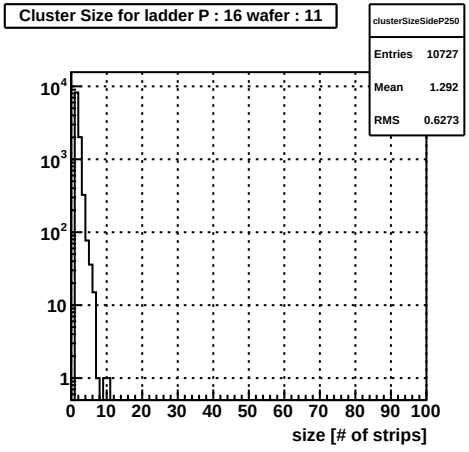

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 13670
Mean 1.218
RMS 0.5258
size [# of strips]

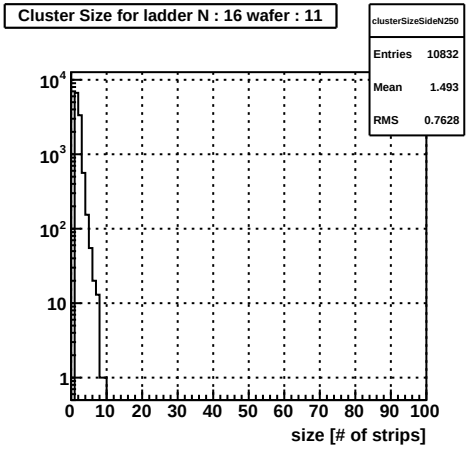

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 12683
Mean 1.42
RMS 0.7857
size [# of strips]

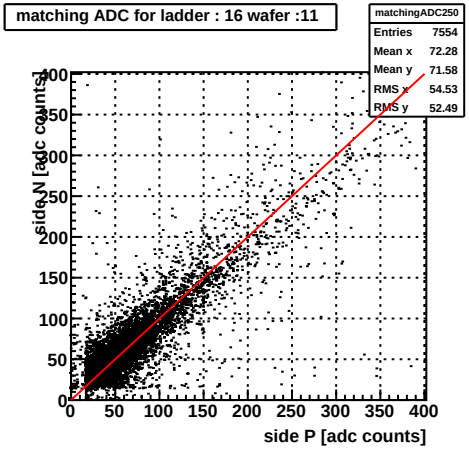

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 7309
Mean x 62.81
Mean y 63.67
RMS x 52.14
RMS y 53.25
side N [adc counts]
side P [adc counts]

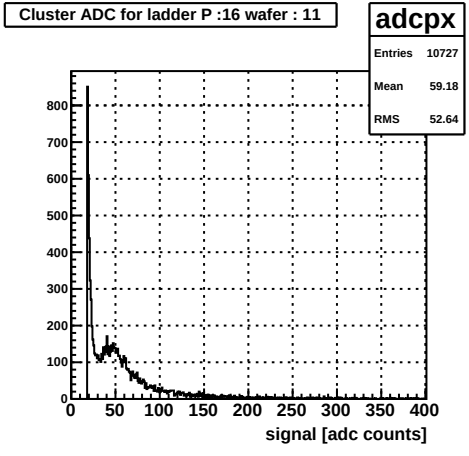

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 13670
Mean 50.29
RMS 48.39
signal [adc counts]

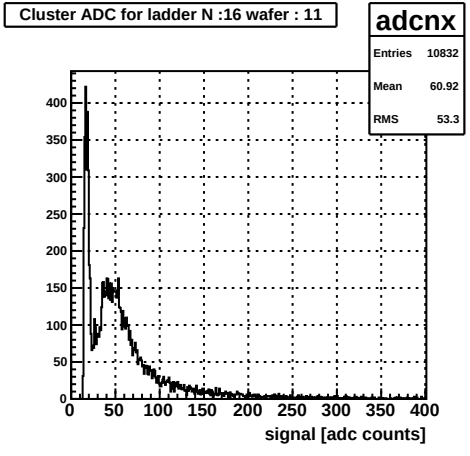

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 12683
Mean 51.49
RMS 48.61
signal [adc counts]

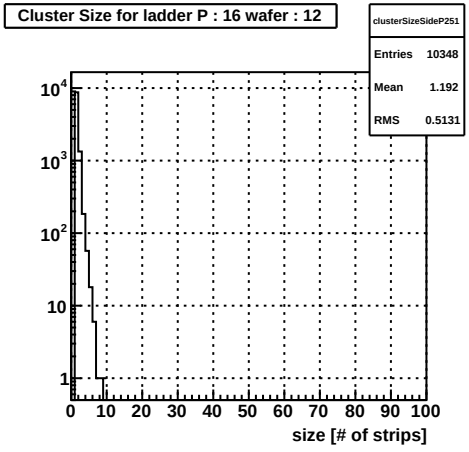

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 10727
Mean 1.292
RMS 0.6273
size [# of strips]

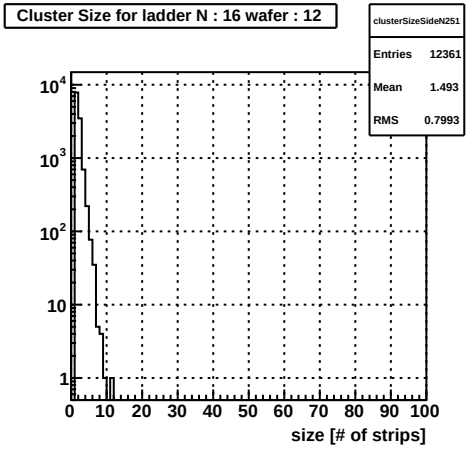

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 10832
Mean 1.493
RMS 0.7628
size [# of strips]

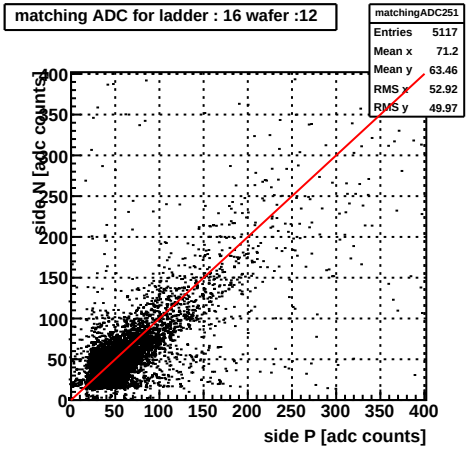

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 7554
Mean x 72.28
Mean y 71.58
RMS x 54.53
RMS y 52.49
side N [adc counts]
side P [adc counts]

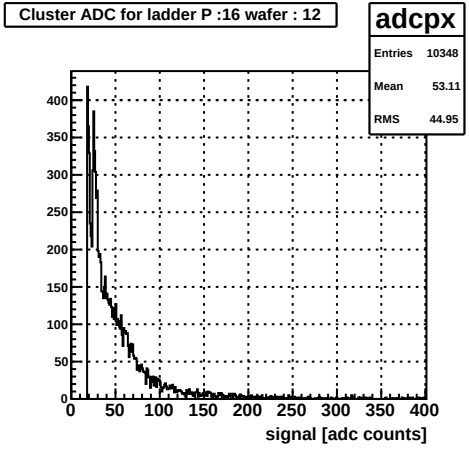

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 10727
Mean 59.18
RMS 52.64
signal [adc counts]

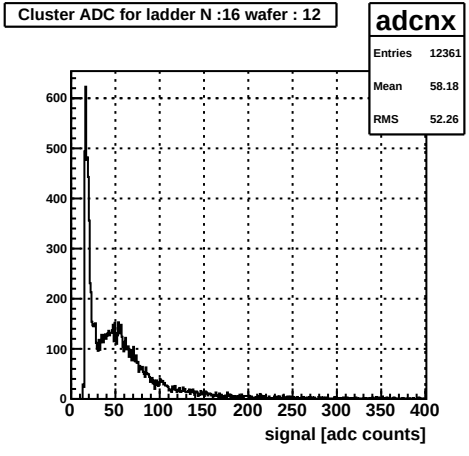

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 10832
Mean 60.92
RMS 53.3
signal [adc counts]

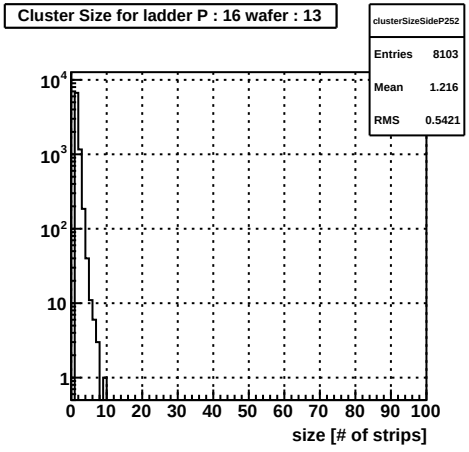

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 10348
Mean 1.192
RMS 0.5131
size [# of strips]

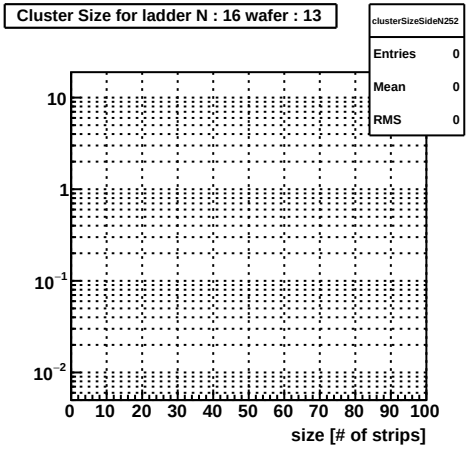

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 12361
Mean 1.493
RMS 0.7993
size [# of strips]

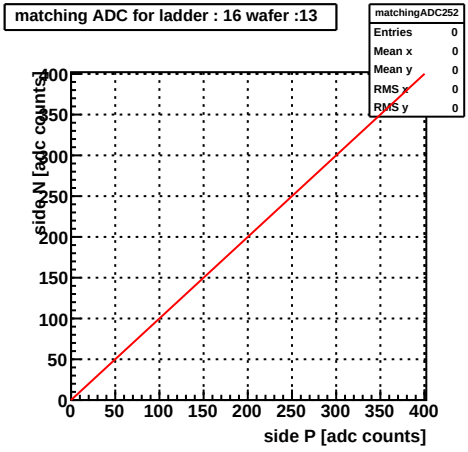

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 5117
Mean x 71.2
Mean y 63.46
RMS x 52.92
RMS y 49.97
side N [adc counts]
side P [adc counts]

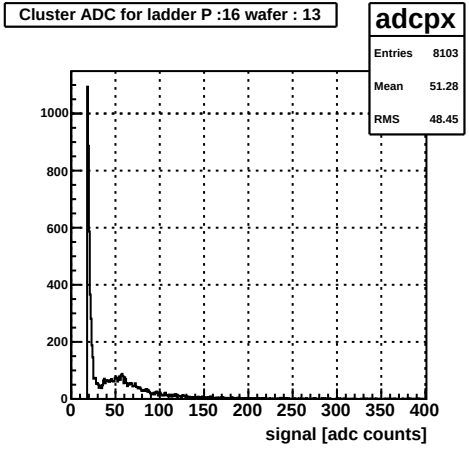

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 10348
Mean 53.11
RMS 44.95
signal [adc counts]

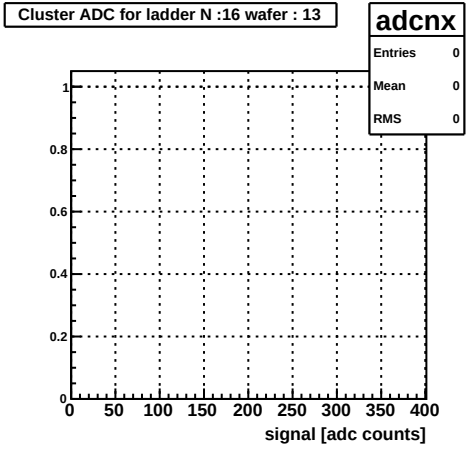

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 12361
Mean 58.18
RMS 52.26
signal [adc counts]

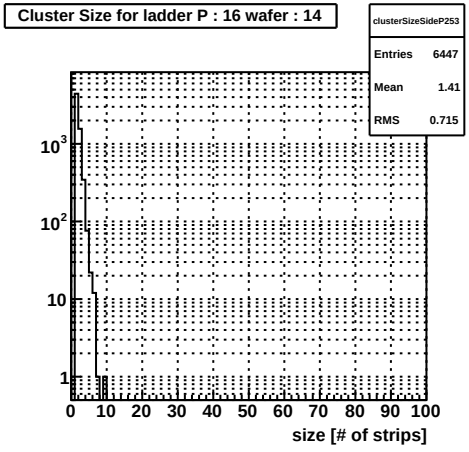

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 8103
Mean 1.216
RMS 0.5421
size [# of strips]

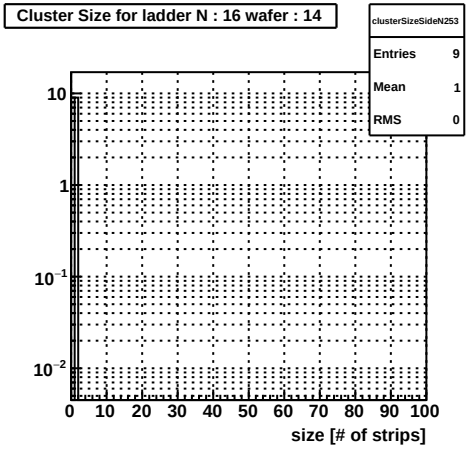

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

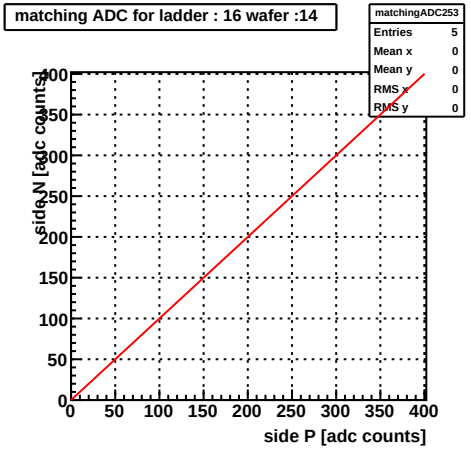

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

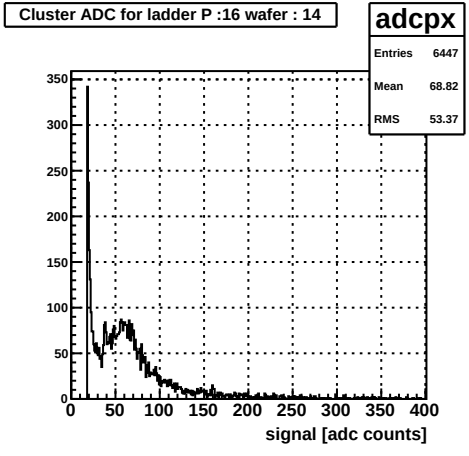

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 8103
Mean 51.28
RMS 48.45
signal [adc counts]

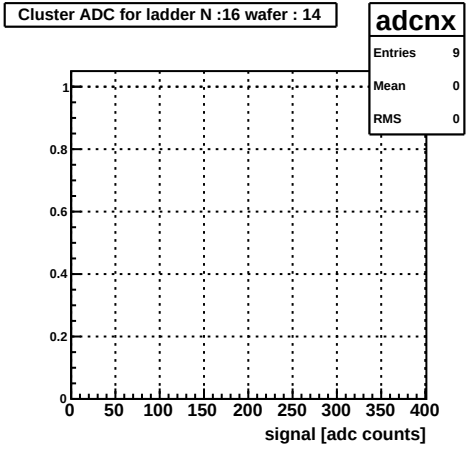

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

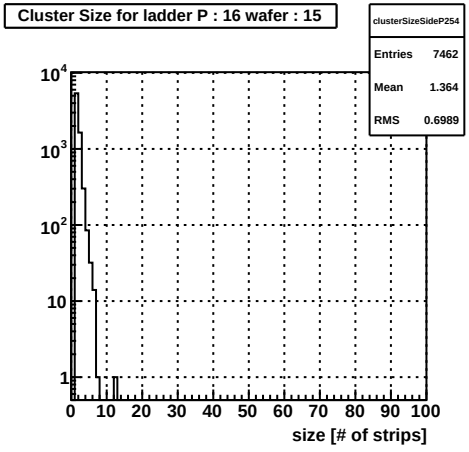

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 6447
Mean 1.41
RMS 0.715
size [# of strips]

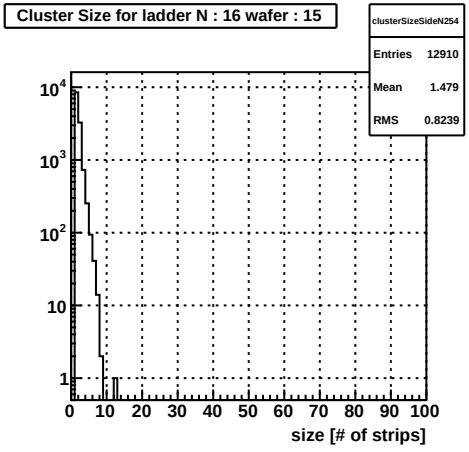

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 9
Mean 1
RMS 0
size [# of strips]

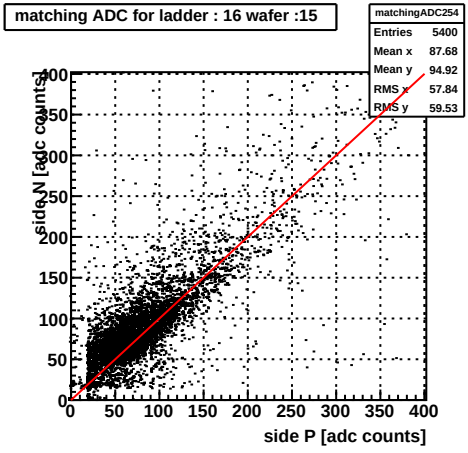

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

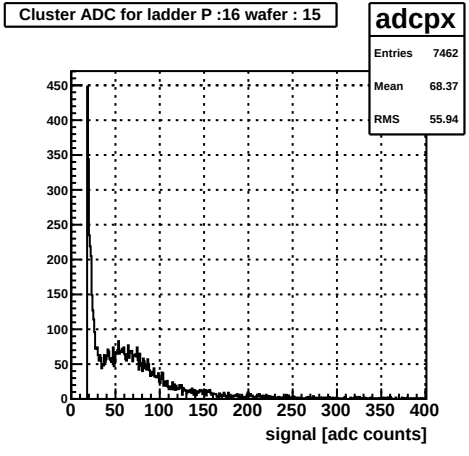

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 6447
Mean 68.82
RMS 53.37
signal [adc counts]

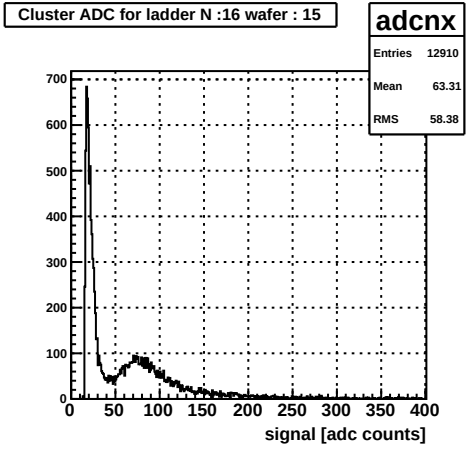

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 9
Mean 0
RMS 0
signal [adc counts]

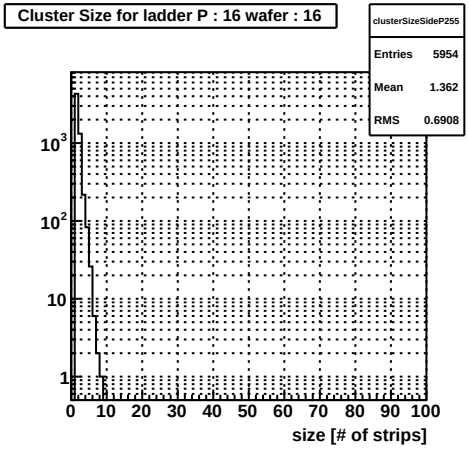

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 7462
Mean 1.364
RMS 0.6989
size [# of strips]

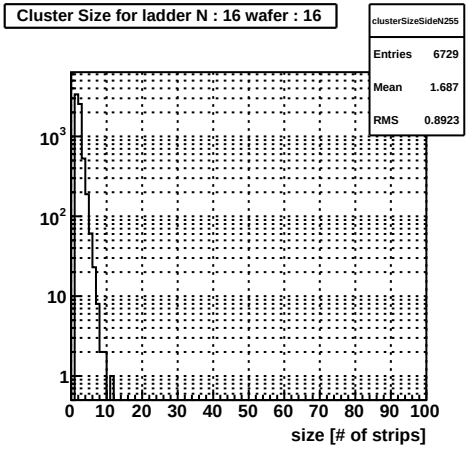

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 12910
Mean 1.479
RMS 0.8239
size [# of strips]

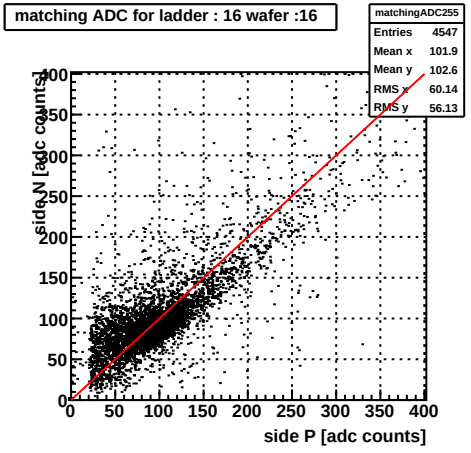

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 5400
Mean x 87.68
Mean y 94.92
RMS x 57.84
RMS y 59.53
side N [adc counts]
side P [adc counts]

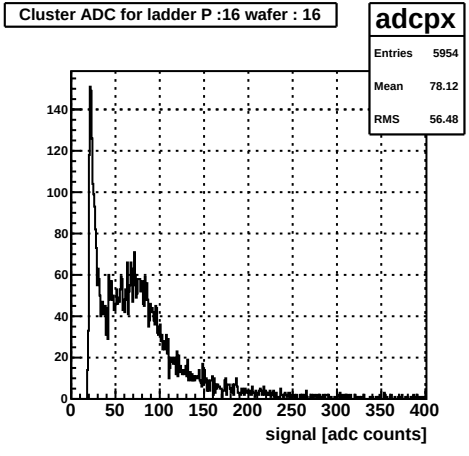

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 7462
Mean 68.37
RMS 55.94
signal [adc counts]

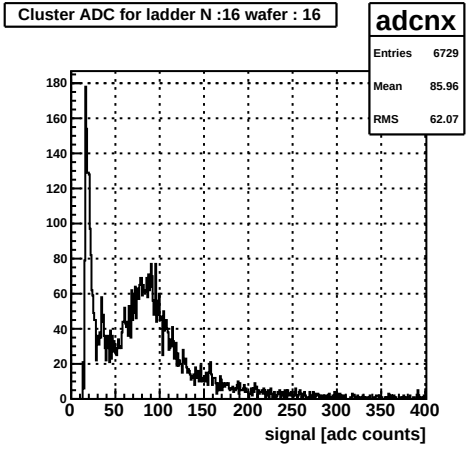

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 12910
Mean 63.31
RMS 58.38
signal [adc counts]

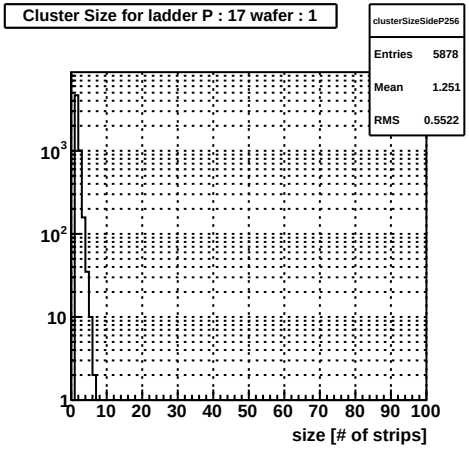

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 5954
Mean 1.362
RMS 0.6908
size [# of strips]

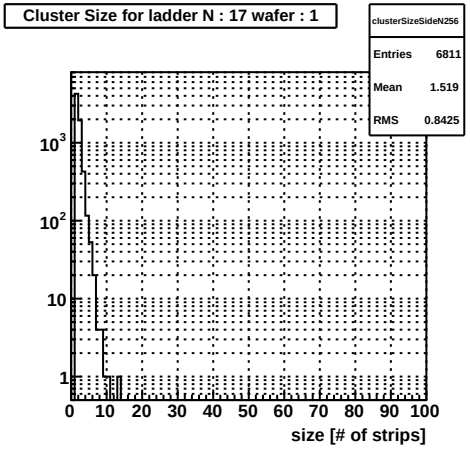

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 6729
Mean 1.687
RMS 0.8923
size [# of strips]

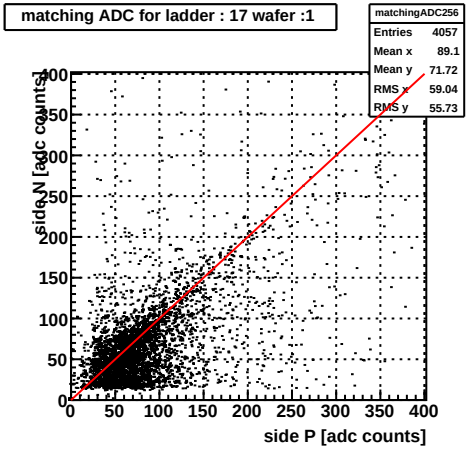

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 4547
Mean x 101.9
Mean y 102.6
RMS x 60.14
RMS y 56.13
side N [adc counts]
side P [adc counts]

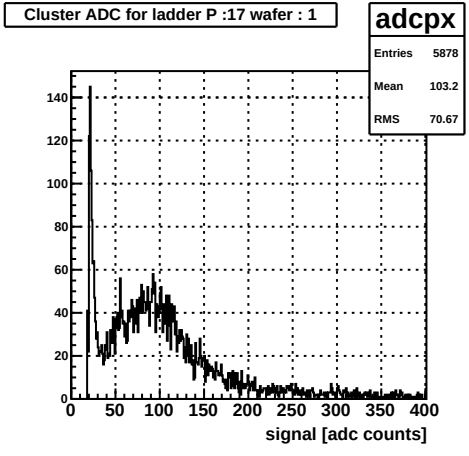

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 5954
Mean 78.12
RMS 56.48
signal [adc counts]

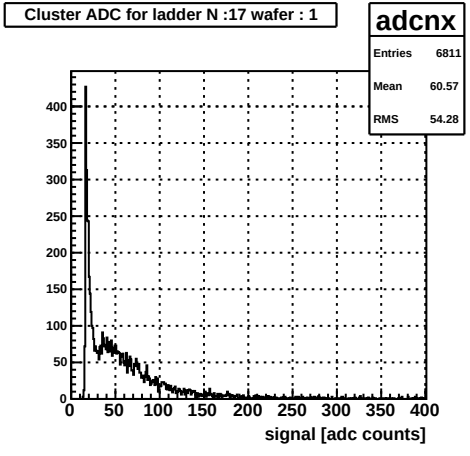

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 6729
Mean 85.96
RMS 62.07
signal [adc counts]

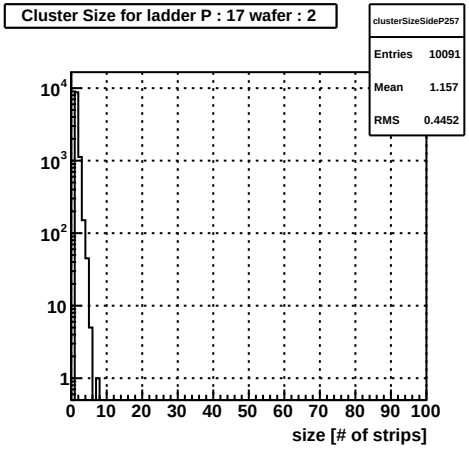

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 5878
Mean 1.251
RMS 0.5522
size [# of strips]

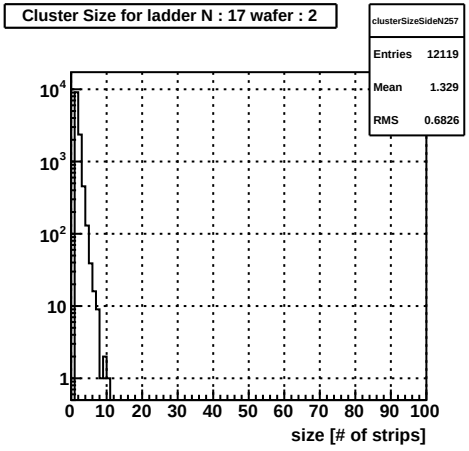

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 6811
Mean 1.519
RMS 0.8425
size [# of strips]

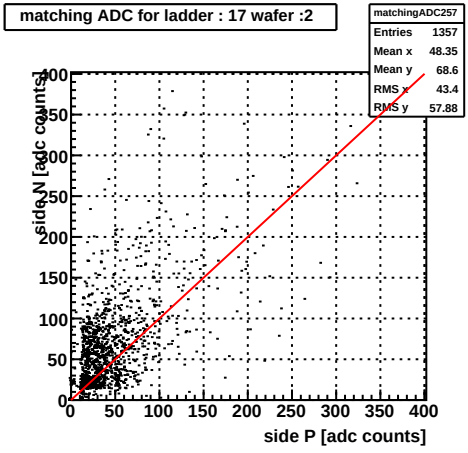

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 4057
Mean x 89.1
Mean y 71.72
RMS x 59.04
RMS y 55.73
side N [adc counts]
side P [adc counts]

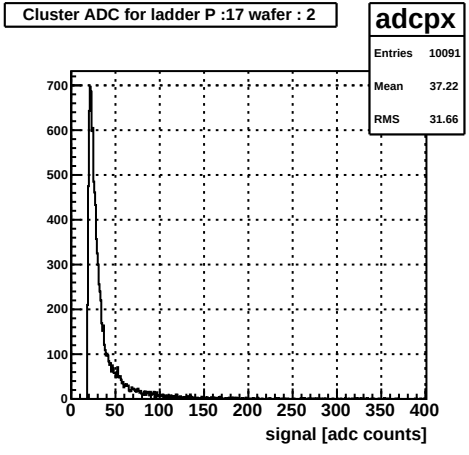

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 5878
Mean 103.2
RMS 70.67
signal [adc counts]

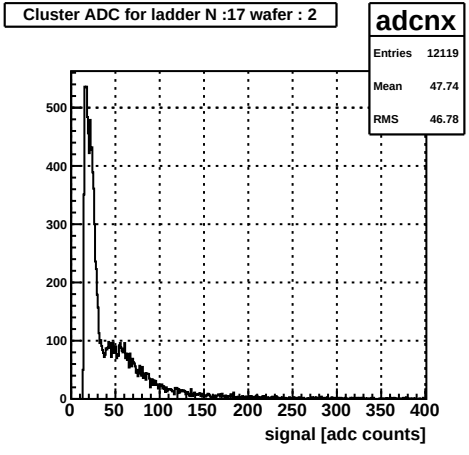

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 6811
Mean 60.57
RMS 54.28
signal [adc counts]

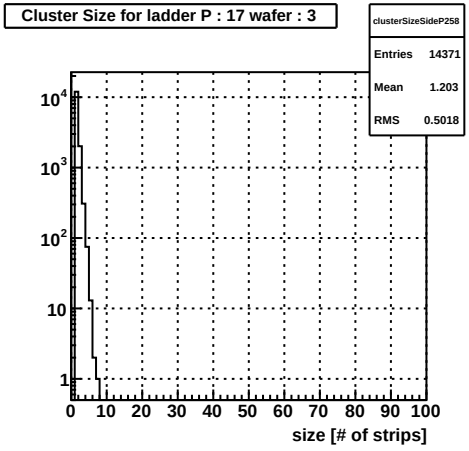

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 10091
Mean 1.157
RMS 0.4452
size [# of strips]

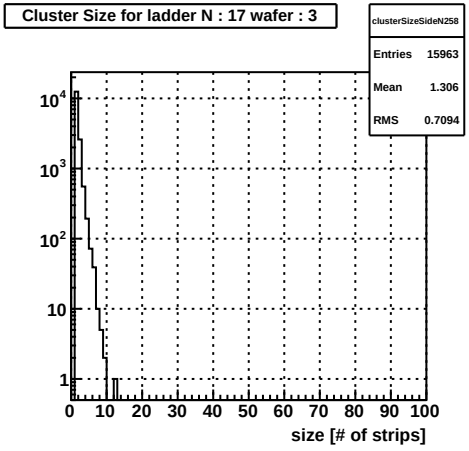

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 12119
Mean 1.329
RMS 0.6826
size [# of strips]

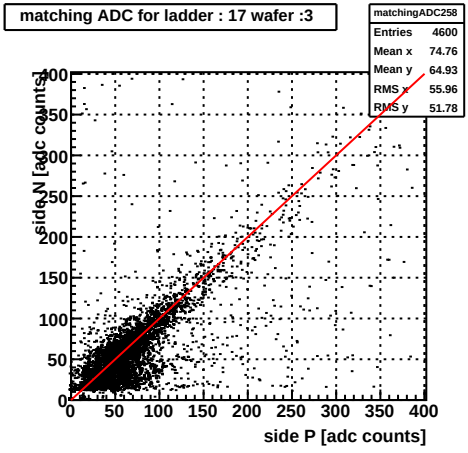

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1357
Mean x 48.35
Mean y 68.6
RMS x 43.4
RMS y 57.88
side N [adc counts]
side P [adc counts]

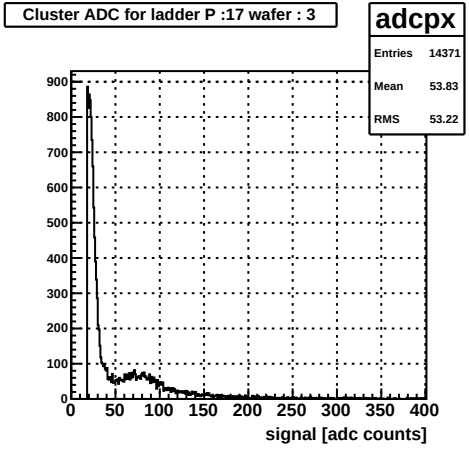

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 10091
Mean 37.22
RMS 31.66
signal [adc counts]

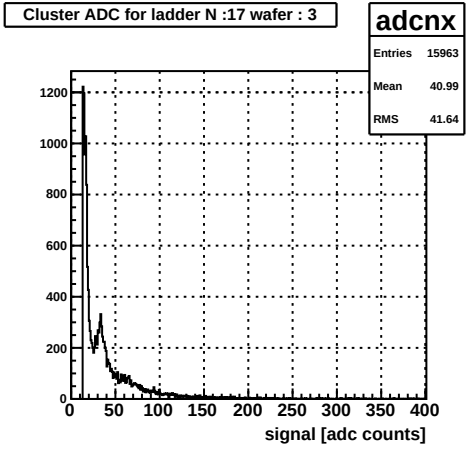

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 12119
Mean 47.74
RMS 46.78
signal [adc counts]

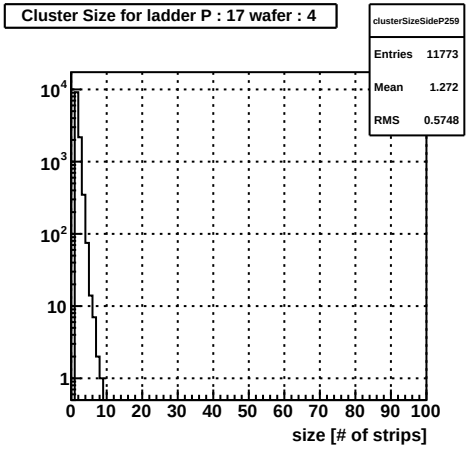

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 14371
Mean 1.203
RMS 0.5018
size [# of strips]

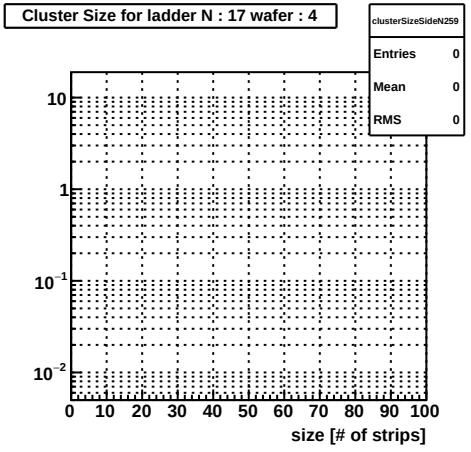

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15963
Mean 1.306
RMS 0.7094
size [# of strips]

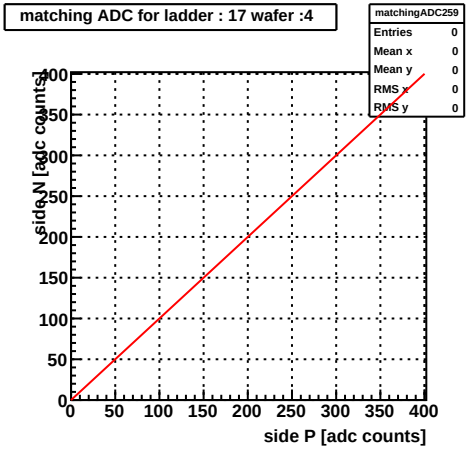

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 4600
Mean x 74.76
Mean y 64.93
RMS x 55.96
RMS y 51.78
side N [adc counts]
side P [adc counts]

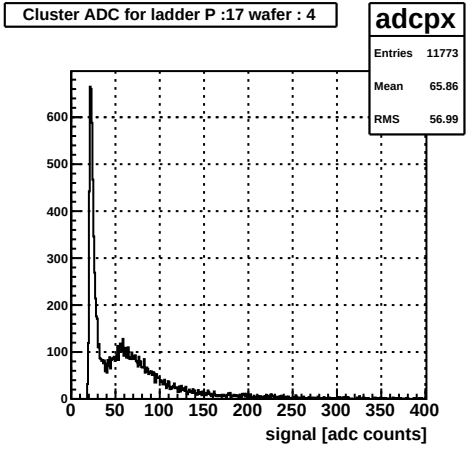

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 14371
Mean 53.83
RMS 53.22
signal [adc counts]

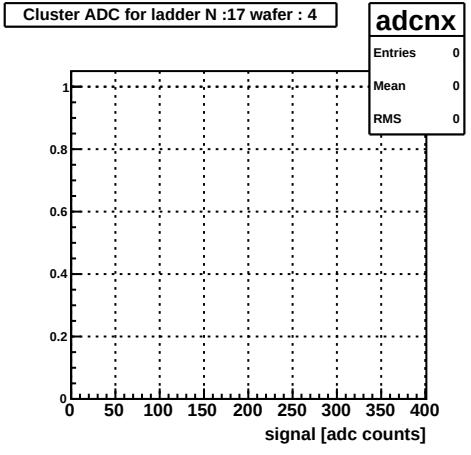

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15963
Mean 40.99
RMS 41.64
signal [adc counts]

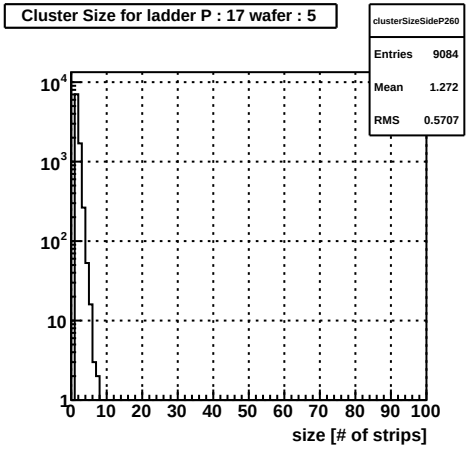

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11773
Mean 1.272
RMS 0.5748
size [# of strips]

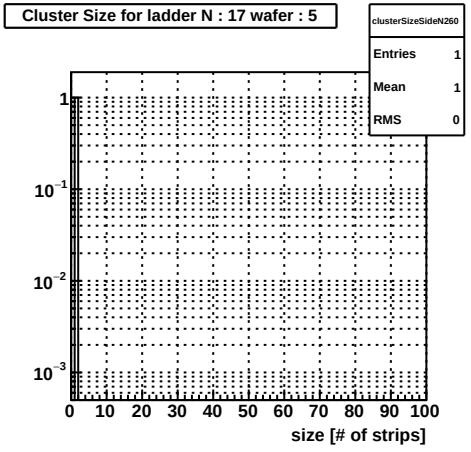

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

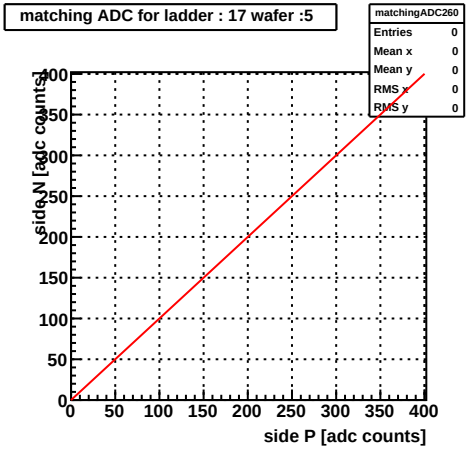

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

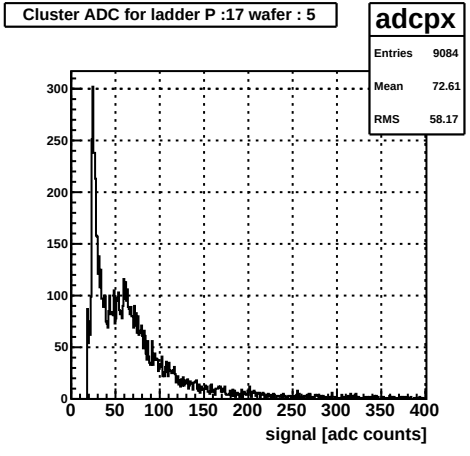

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11773
Mean 65.86
RMS 56.99
signal [adc counts]

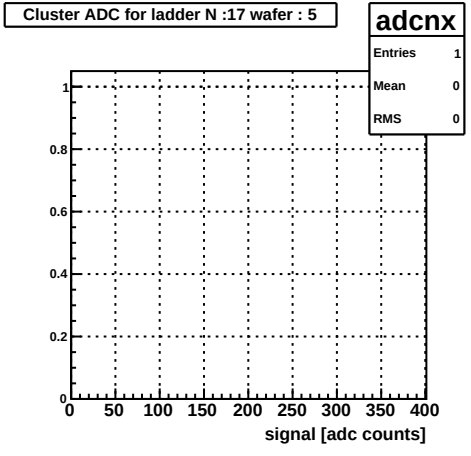

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

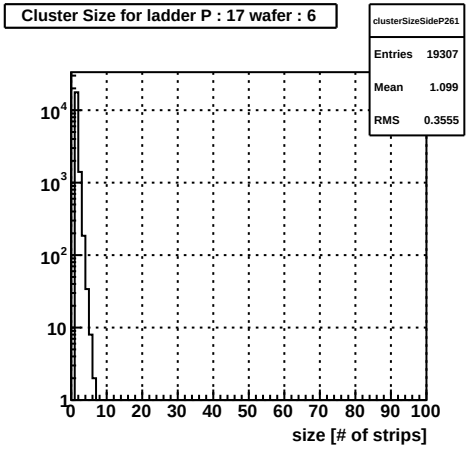

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 9084
Mean 1.272
RMS 0.5707
size [# of strips]

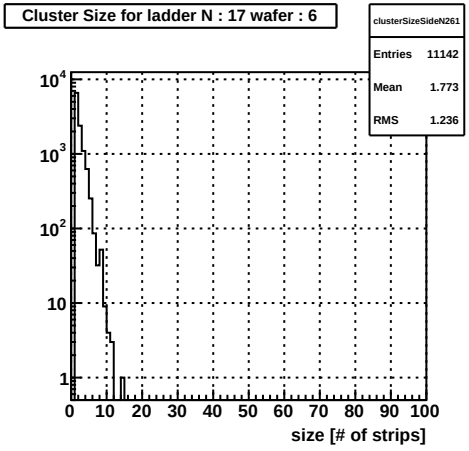

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

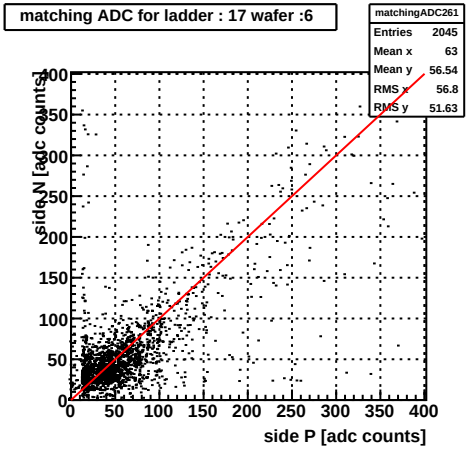

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

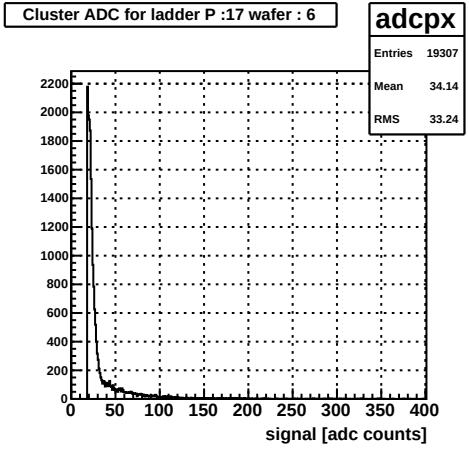

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 9084
Mean 72.61
RMS 58.17
signal [adc counts]

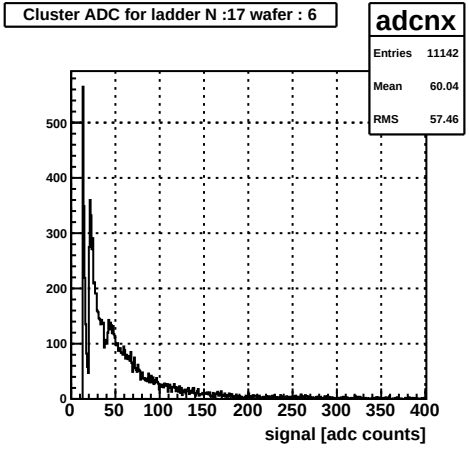

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

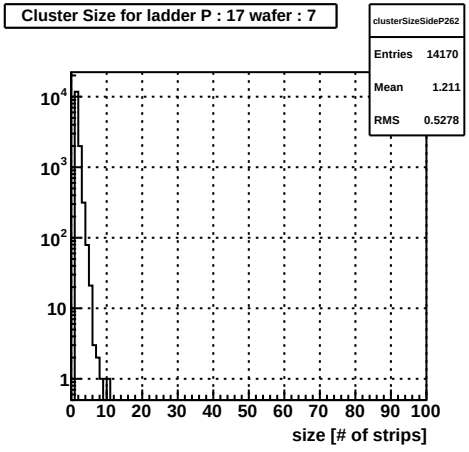

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 19307
Mean 1.099
RMS 0.3555
size [# of strips]

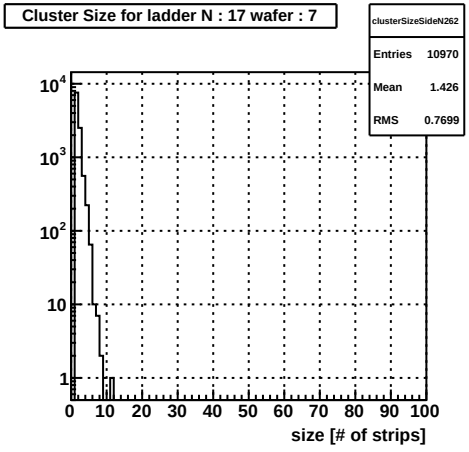

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 11142
Mean 1.773
RMS 1.236
size [# of strips]

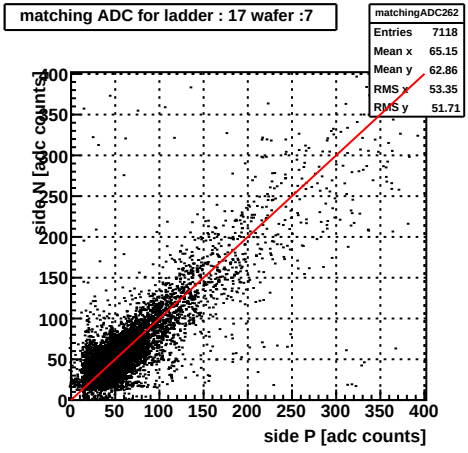

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2045
Mean x 63
Mean y 56.54
RMS x 56.8
RMS y 51.63
side N [adc counts]
side P [adc counts]

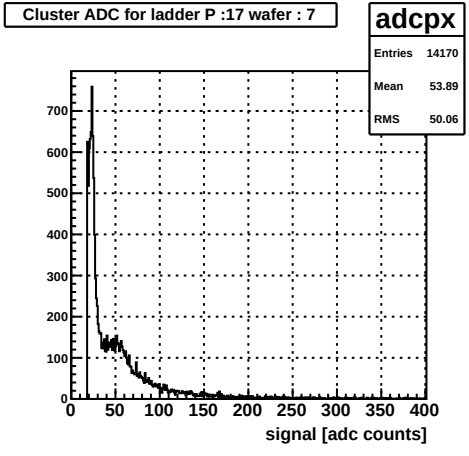

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 19307
Mean 34.14
RMS 33.24
signal [adc counts]

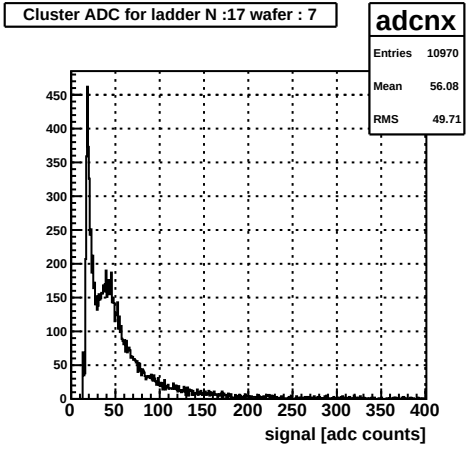

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 11142
Mean 60.04
RMS 57.46
signal [adc counts]

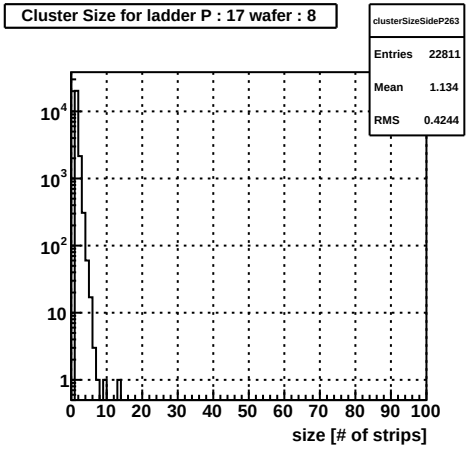

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 14170
Mean 1.211
RMS 0.5278
size [# of strips]

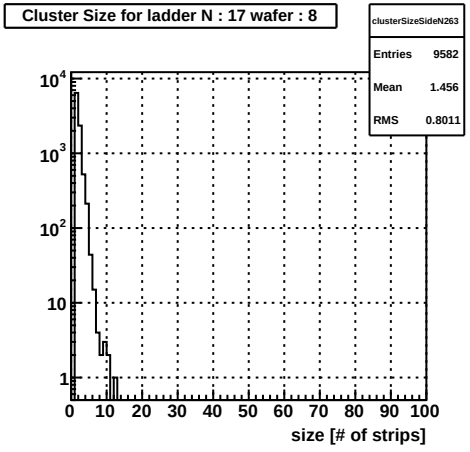

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 10970
Mean 1.426
RMS 0.7699
size [# of strips]

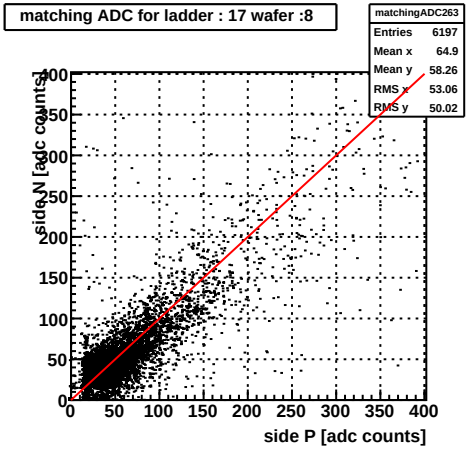

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 7118
Mean x 65.15
Mean y 62.86
RMS x 53.35
RMS y 51.71
side N [adc counts]
side P [adc counts]

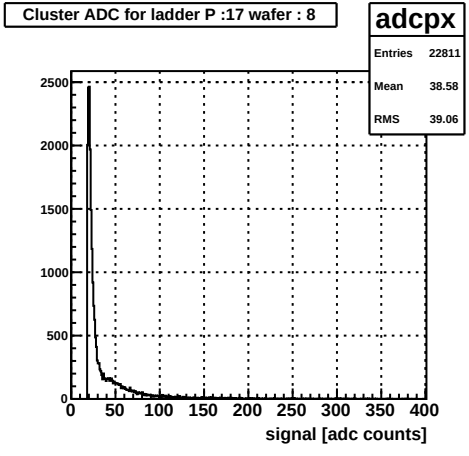

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 14170
Mean 53.89
RMS 50.06
signal [adc counts]

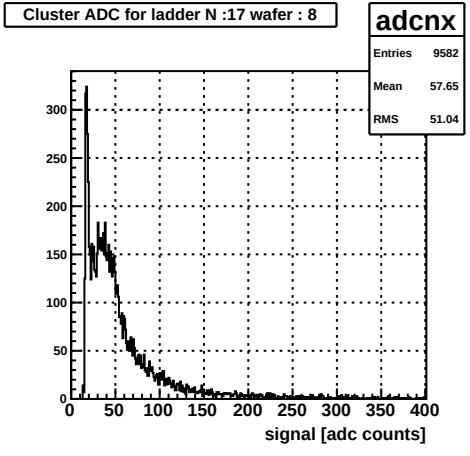

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 10970
Mean 56.08
RMS 49.71
signal [adc counts]

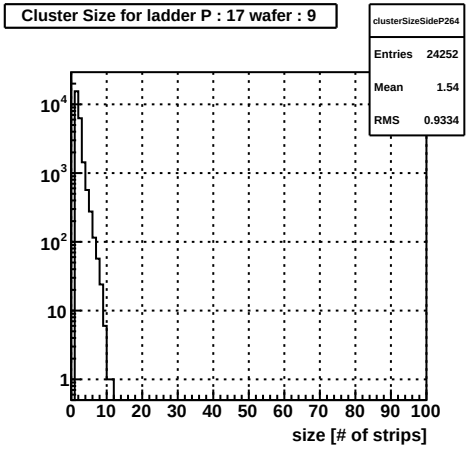

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 22811
Mean 1.134
RMS 0.4244
size [# of strips]

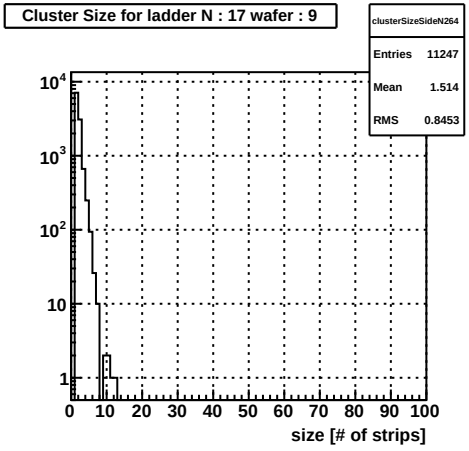

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 9582
Mean 1.456
RMS 0.8011
size [# of strips]

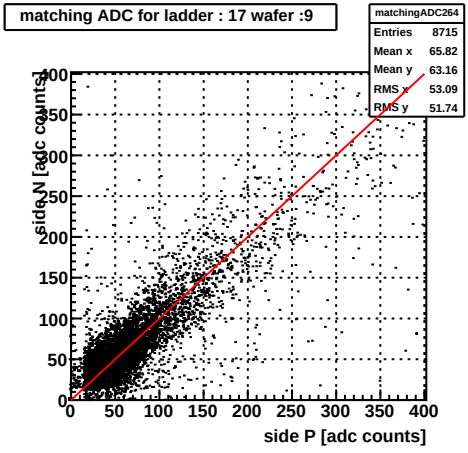

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 6197
Mean x 64.9
Mean y 58.26
RMS x 53.06
RMS y 50.02
side N [adc counts]
side P [adc counts]

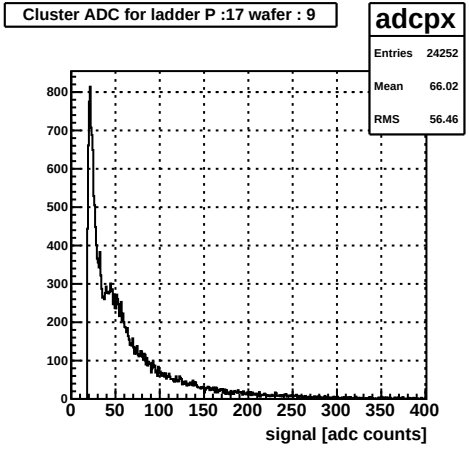

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 22811
Mean 38.58
RMS 39.06
signal [adc counts]

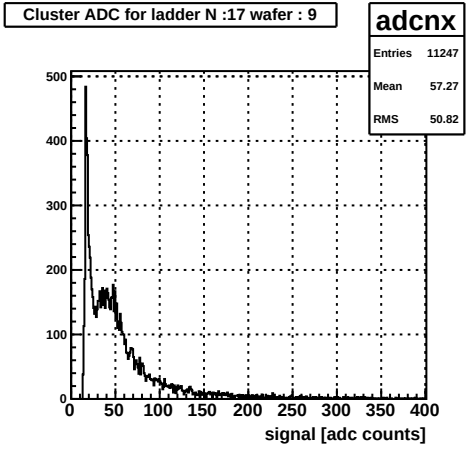

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 9582
Mean 57.65
RMS 51.04
signal [adc counts]

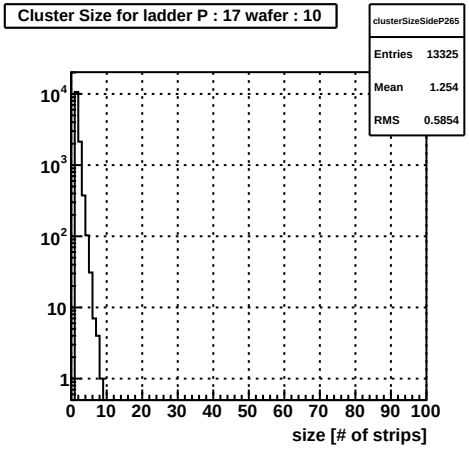

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 24252
Mean 1.54
RMS 0.9334
size [# of strips]

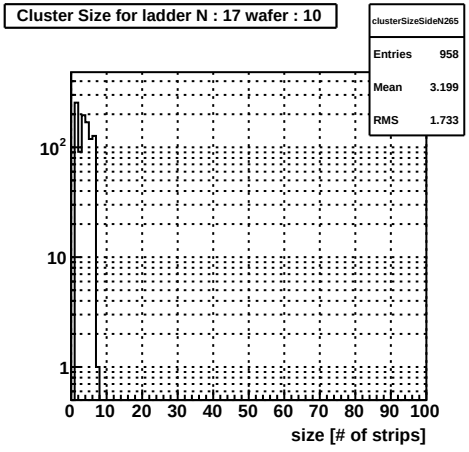

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 11247
Mean 1.514
RMS 0.8453
size [# of strips]

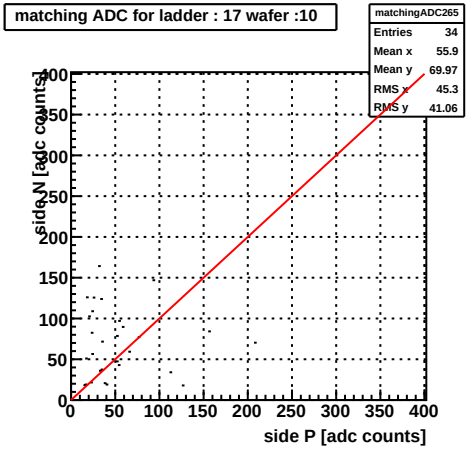

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 8715
Mean x 65.82
Mean y 63.16
RMS x 53.09
RMS y 51.74
side N [adc counts]
side P [adc counts]

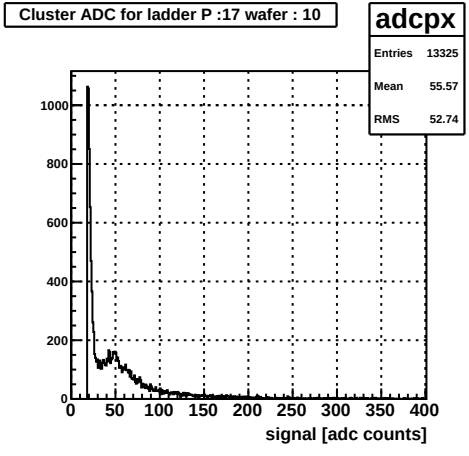

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 24252
Mean 66.02
RMS 56.46
signal [adc counts]

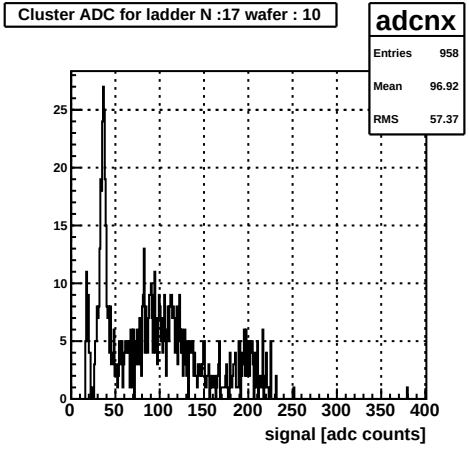

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 11247
Mean 57.27
RMS 50.82
signal [adc counts]

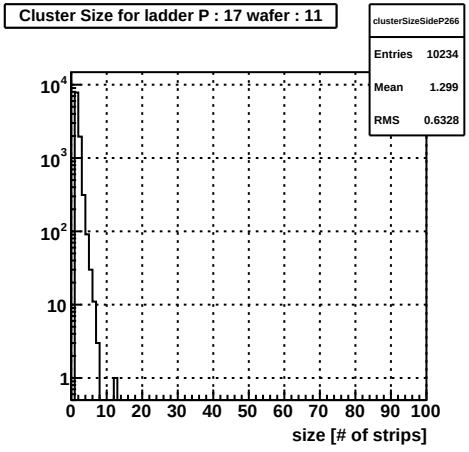

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 13325
Mean 1.254
RMS 0.5854
size [# of strips]

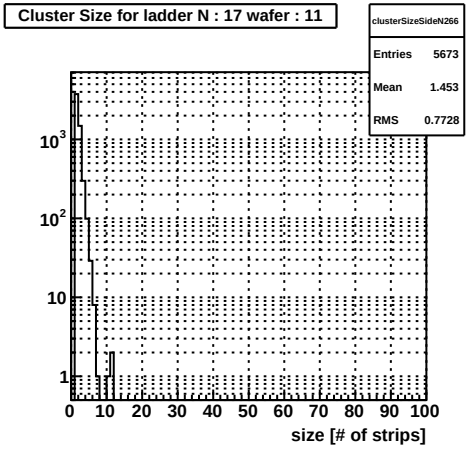

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 958
Mean 3.199
RMS 1.733
size [# of strips]

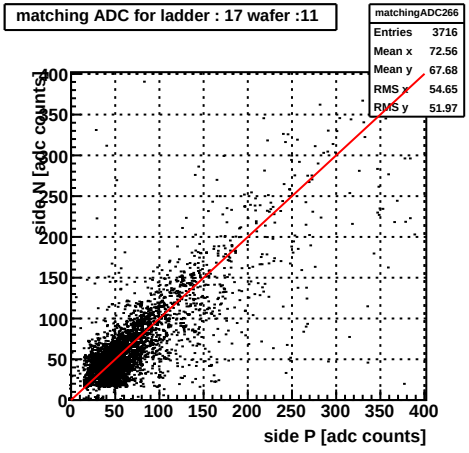

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 34
Mean x 55.9
Mean y 69.97
RMS x 45.3
RMS y 41.06
side N [adc counts]
side P [adc counts]

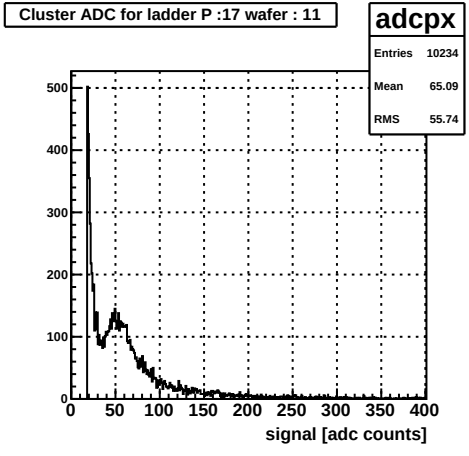

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 13325
Mean 55.57
RMS 52.74
signal [adc counts]

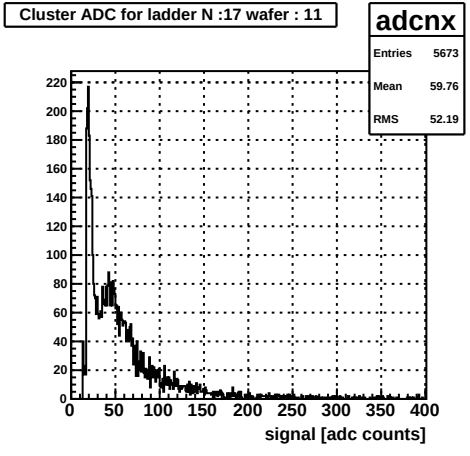

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 958
Mean 96.92
RMS 57.37
signal [adc counts]

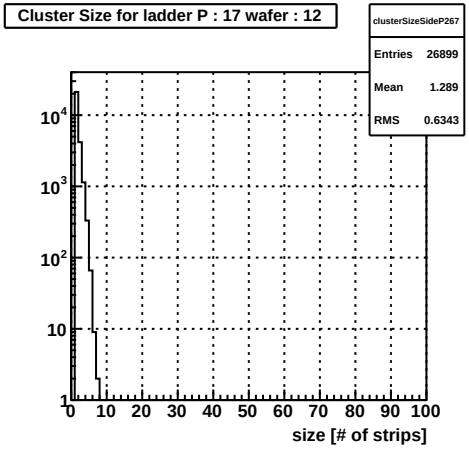

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 10234
Mean 1.299
RMS 0.6328
size [# of strips]

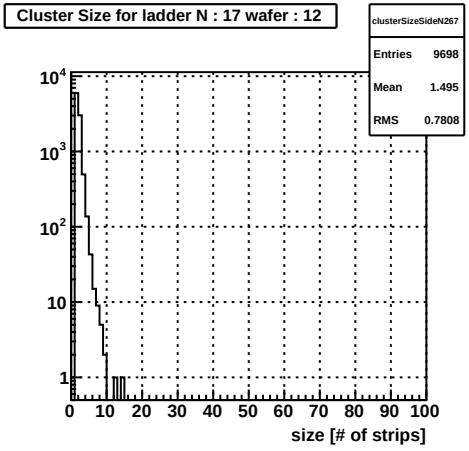

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 5673
Mean 1.453
RMS 0.7728
size [# of strips]

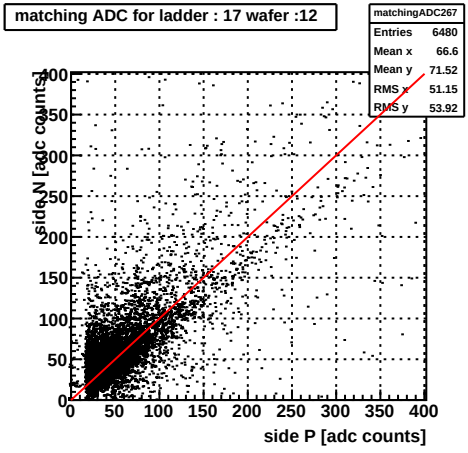

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 3716
Mean x 72.56
Mean y 67.68
RMS x 54.65
RMS y 51.97
side N [adc counts]
side P [adc counts]

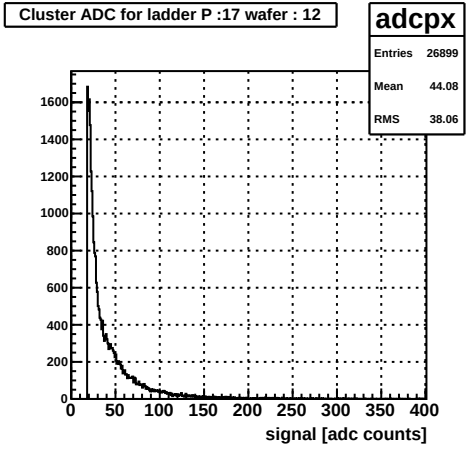

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 10234
Mean 65.09
RMS 55.74
signal [adc counts]

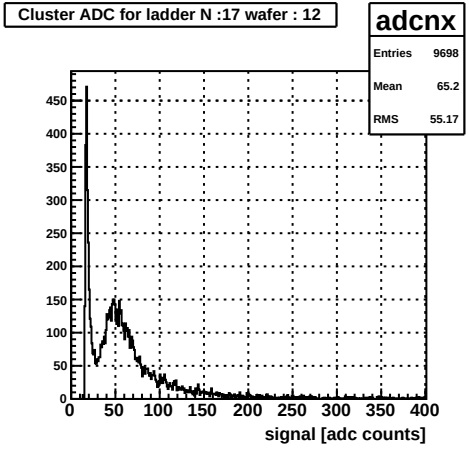

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 5673
Mean 59.76
RMS 52.19
signal [adc counts]

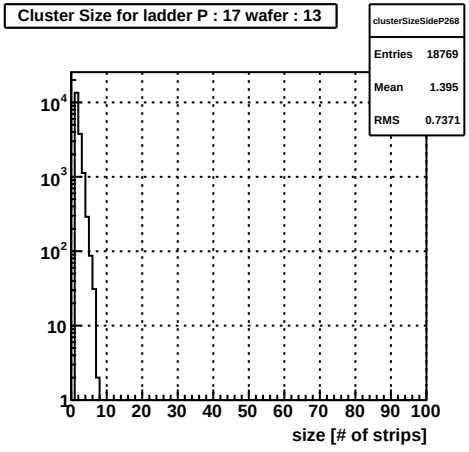

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 26899
Mean 1.289
RMS 0.6343
size [# of strips]

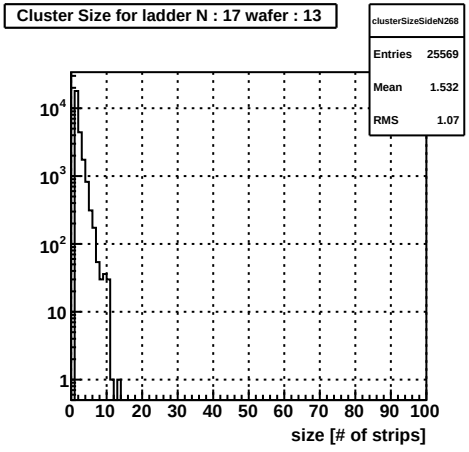

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 9698
Mean 1.495
RMS 0.7808
size [# of strips]

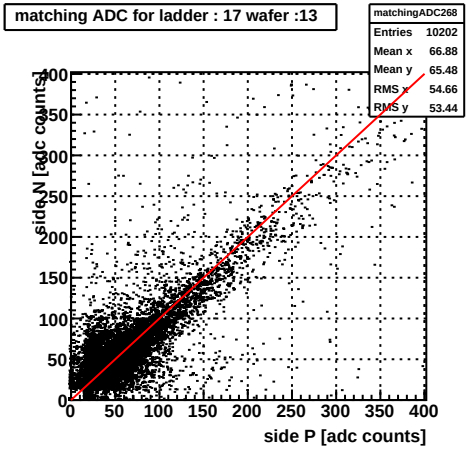

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6480
Mean x 66.6
Mean y 71.52
RMS x 51.15
RMS y 53.92
side N [adc counts]
side P [adc counts]

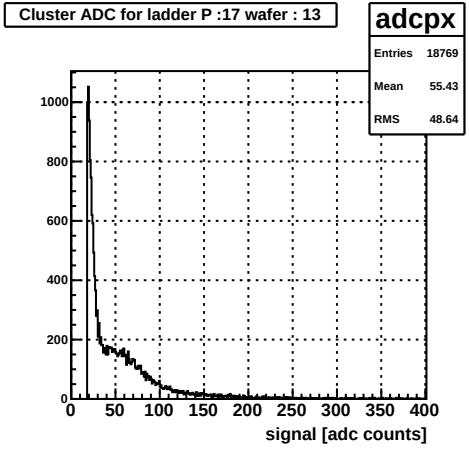

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 26899
Mean 44.08
RMS 38.06
signal [adc counts]

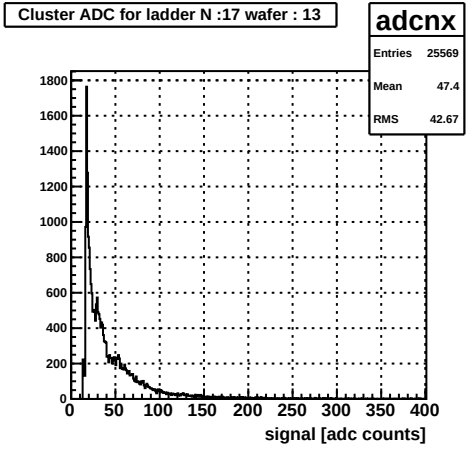

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 9698
Mean 65.2
RMS 55.17
signal [adc counts]

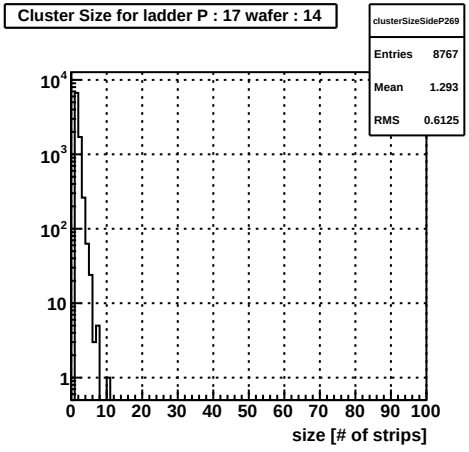

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 18769
Mean 1.395
RMS 0.7371
size [# of strips]

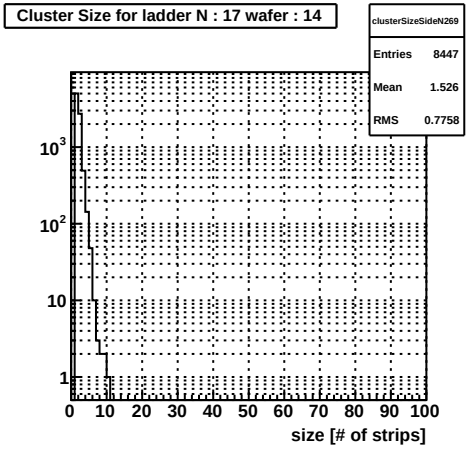

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 25569
Mean 1.532
RMS 1.07
size [# of strips]

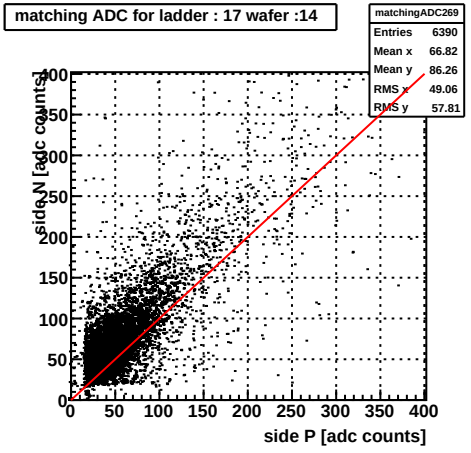

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 10202
Mean x 66.88
Mean y 65.48
RMS x 54.66
RMS y 53.44
side N [adc counts]
side P [adc counts]

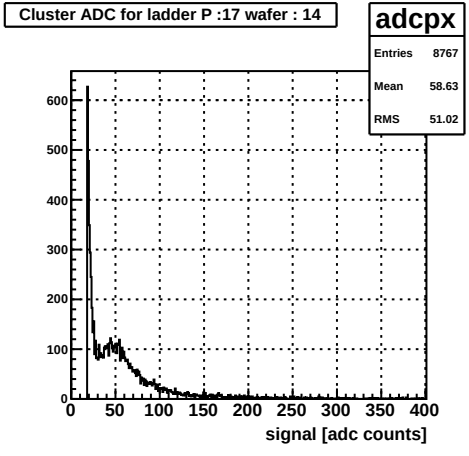

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 18769
Mean 55.43
RMS 48.64
signal [adc counts]

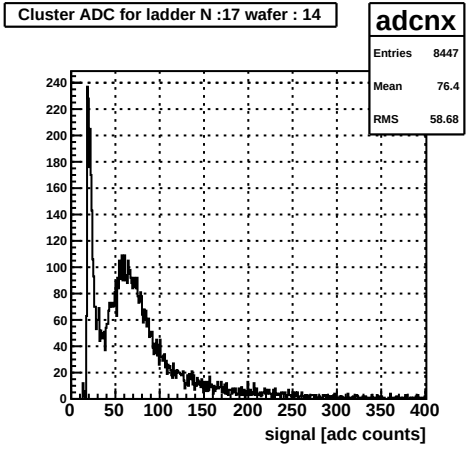

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 25569
Mean 47.4
RMS 42.67
signal [adc counts]

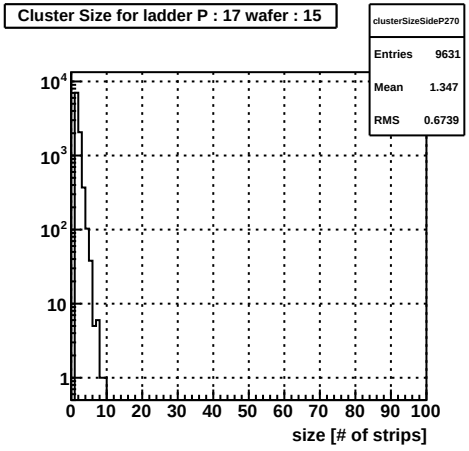

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 8767
Mean 1.293
RMS 0.6125
size [# of strips]

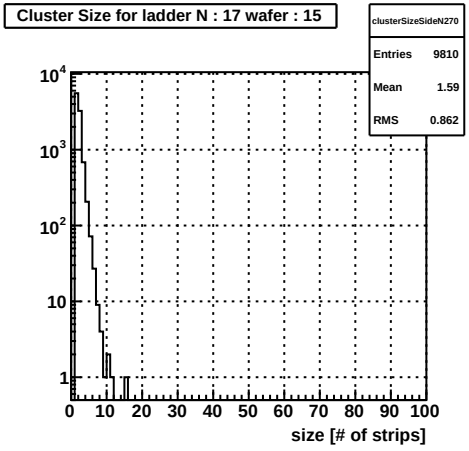

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 8447
Mean 1.526
RMS 0.7758
size [# of strips]

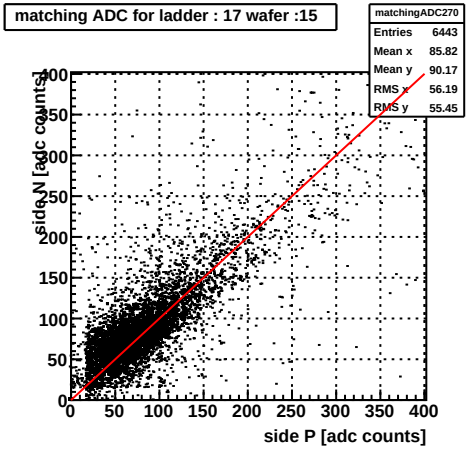

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 6390
Mean x 66.82
Mean y 86.26
RMS x 49.06
RMS y 57.81
side N [adc counts]
side P [adc counts]

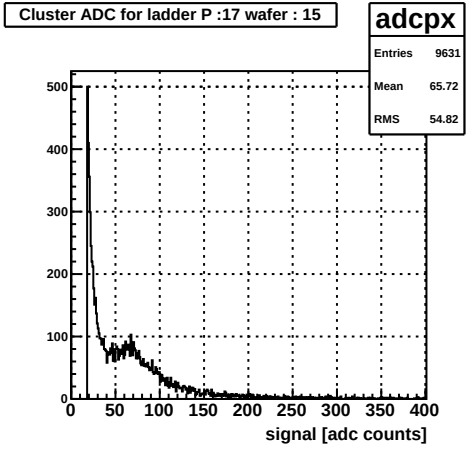

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 8767
Mean 58.63
RMS 51.02
signal [adc counts]

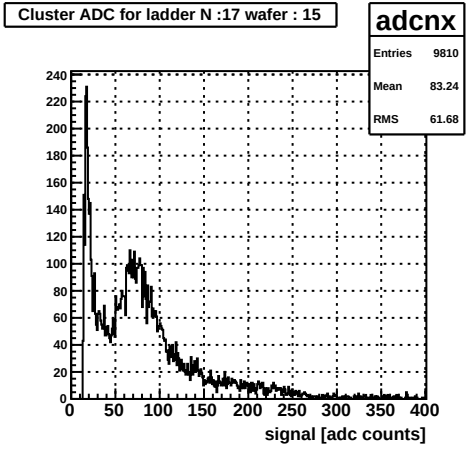

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 8447
Mean 76.4
RMS 58.68
signal [adc counts]

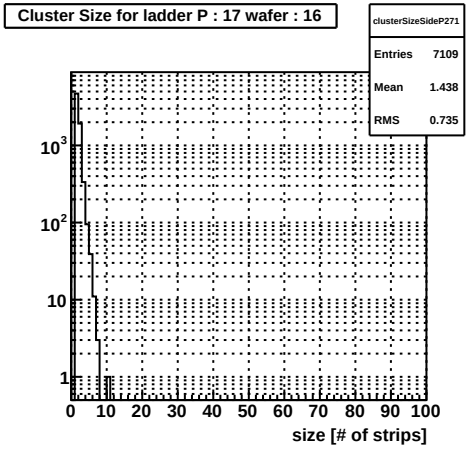

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 9631
Mean 1.347
RMS 0.6739
size [# of strips]

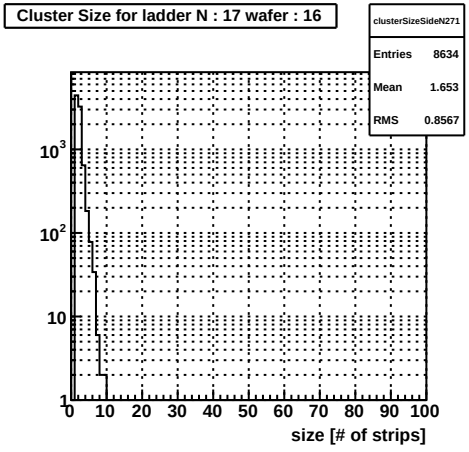

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 9810
Mean 1.59
RMS 0.862
size [# of strips]

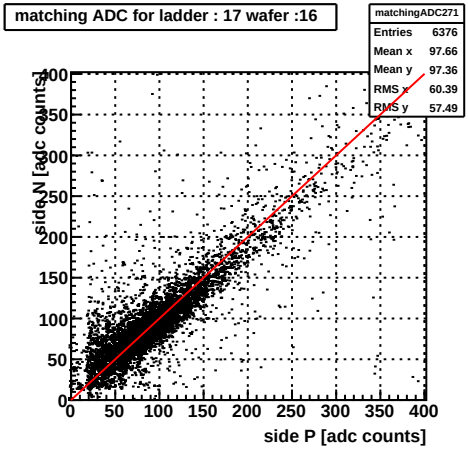

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 6443
Mean x 85.82
Mean y 90.17
RMS x 56.19
RMS y 55.45
side N [adc counts]
side P [adc counts]

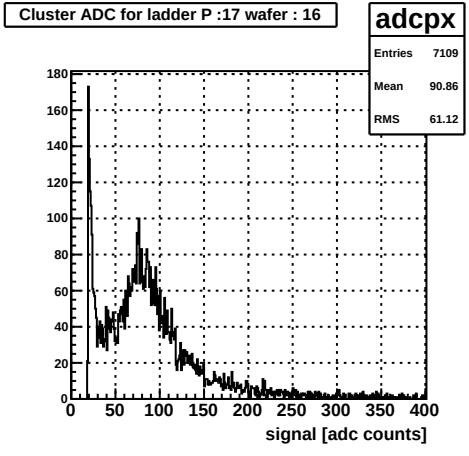

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 9631
Mean 65.72
RMS 54.82
signal [adc counts]

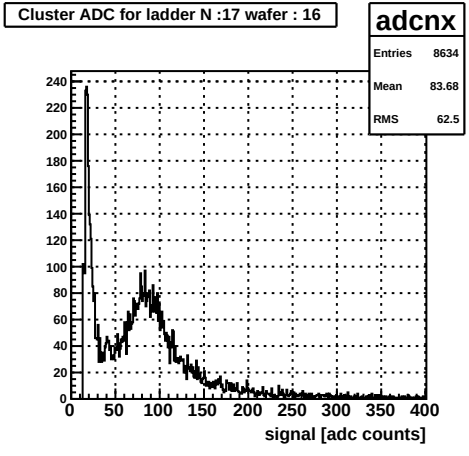

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 9810
Mean 83.24
RMS 61.68
signal [adc counts]

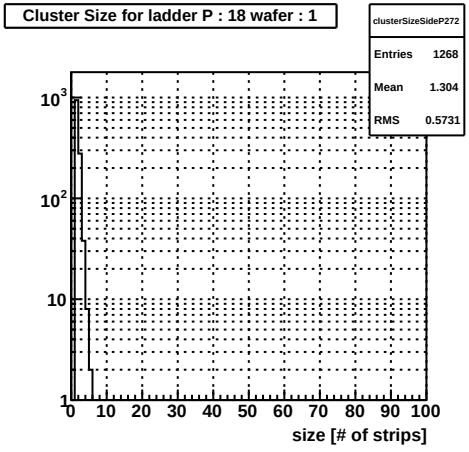

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 7109
Mean 1.438
RMS 0.735
size [# of strips]

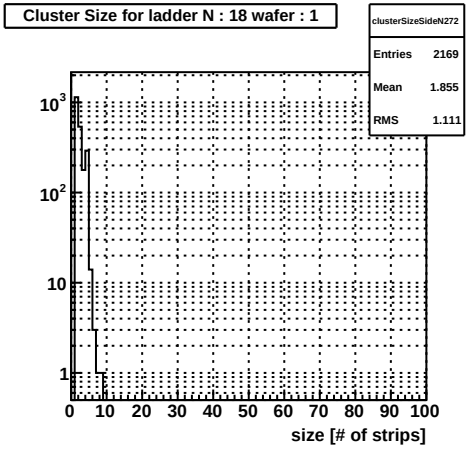

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 8634
Mean 1.653
RMS 0.8567
size [# of strips]

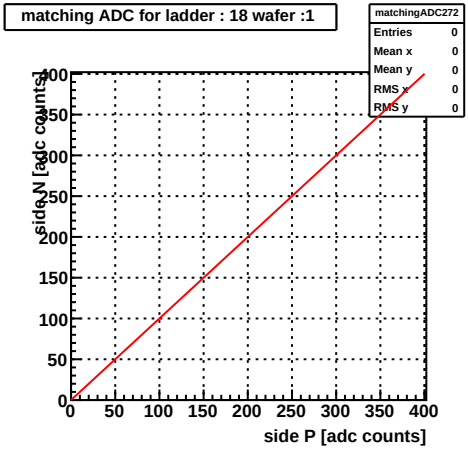

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 6376
Mean x 97.66
Mean y 97.36
RMS x 60.39
RMS y 57.49
side N [adc counts]
side P [adc counts]

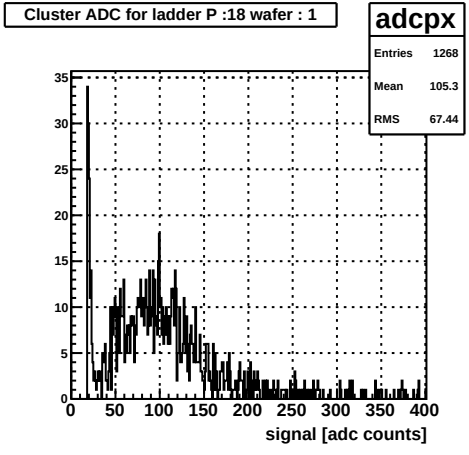

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 7109
Mean 90.86
RMS 61.12
signal [adc counts]

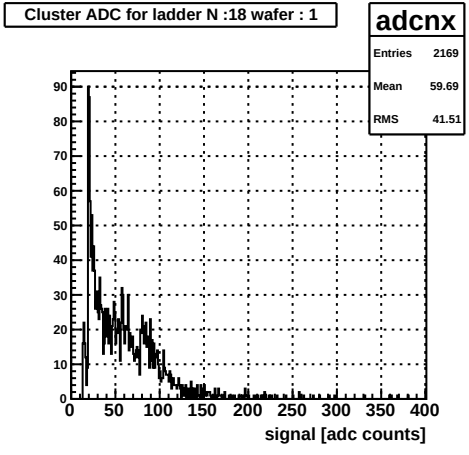

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 8634
Mean 83.68
RMS 62.5
signal [adc counts]

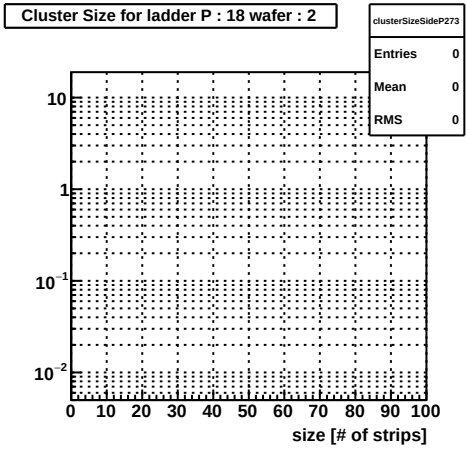

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 1268
Mean 1.304
RMS 0.5731
size [# of strips]

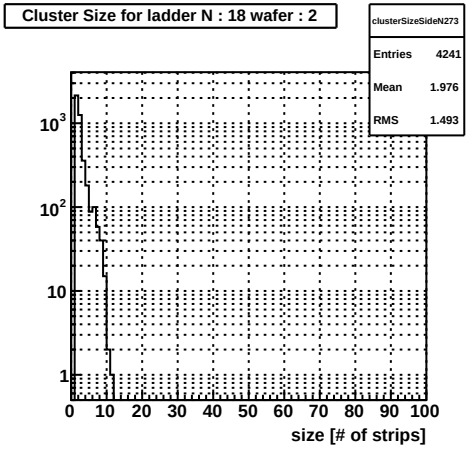

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2169
Mean 1.855
RMS 1.111
size [# of strips]

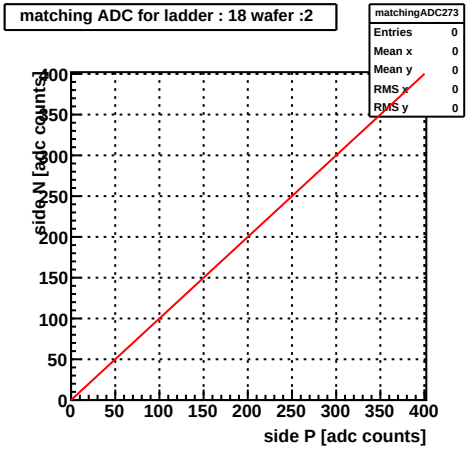

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

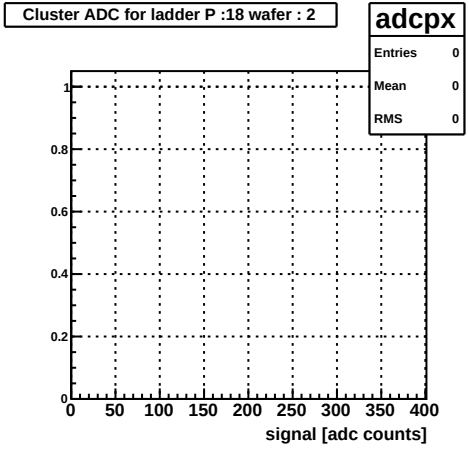

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 1268
Mean 105.3
RMS 67.44
signal [adc counts]

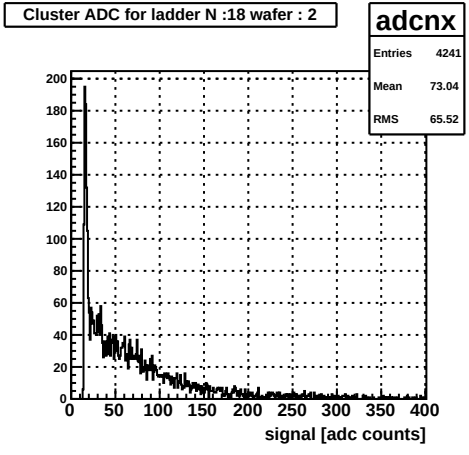

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2169
Mean 59.69
RMS 41.51
signal [adc counts]

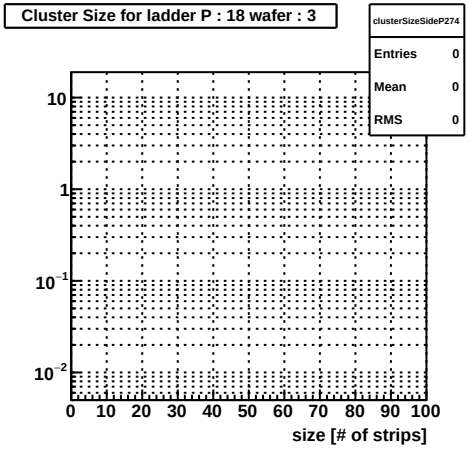

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

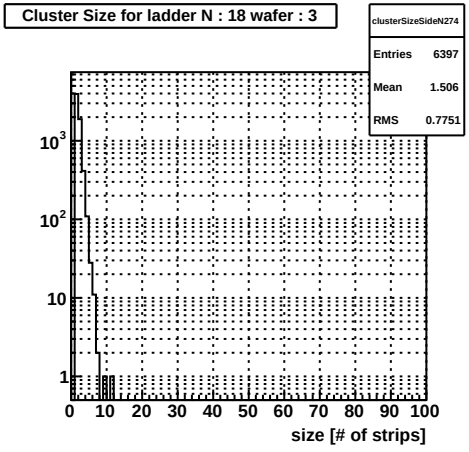

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 4241
Mean 1.976
RMS 1.493
size [# of strips]

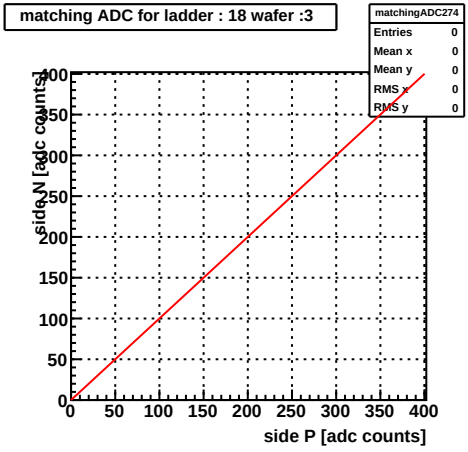

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

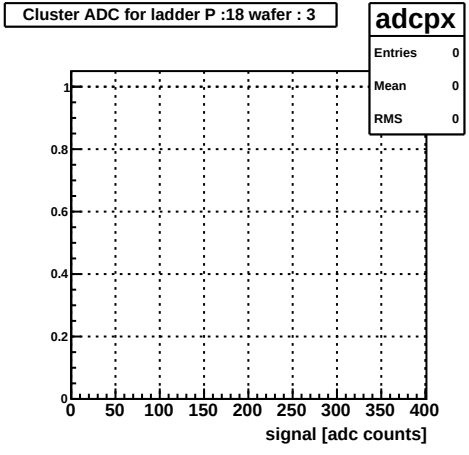

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

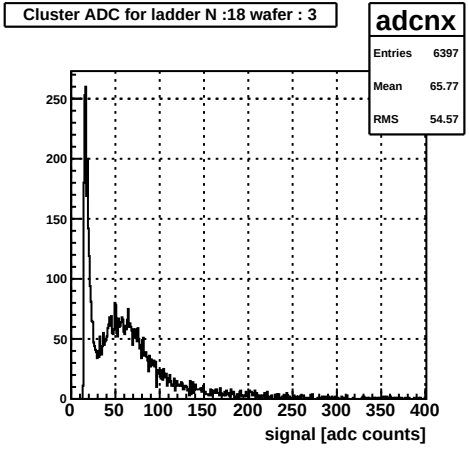

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 4241
Mean 73.04
RMS 65.52
signal [adc counts]

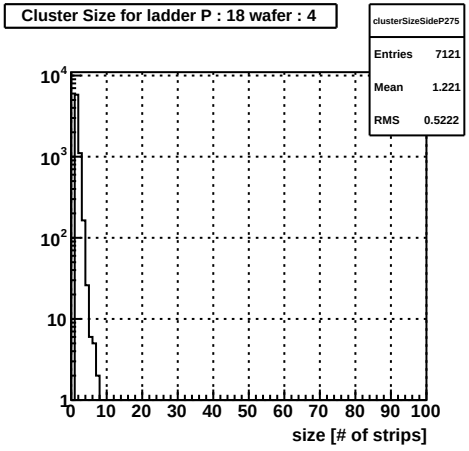

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

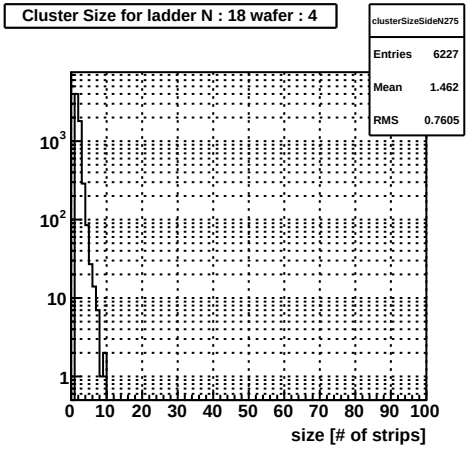

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 6397
Mean 1.506
RMS 0.7751
size [# of strips]

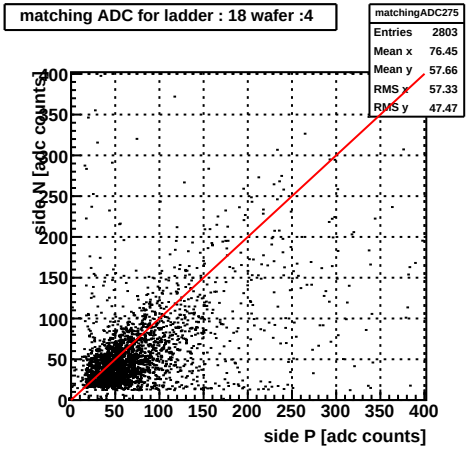

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

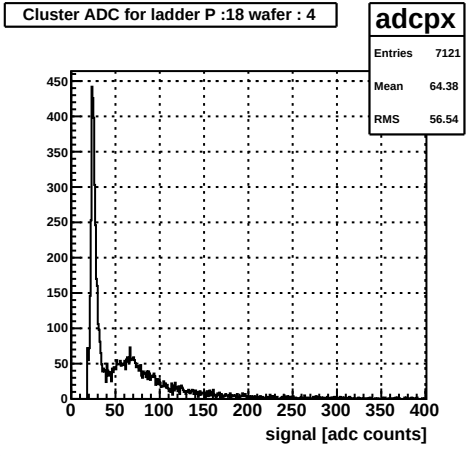

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

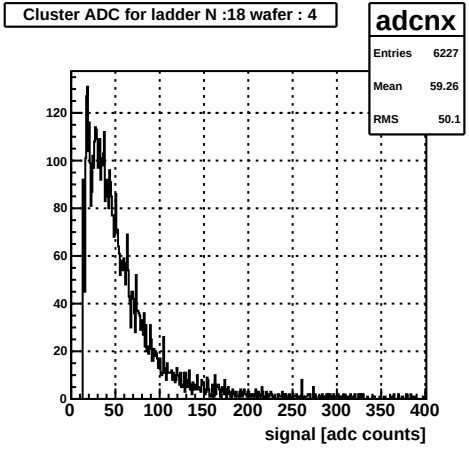

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 6397
Mean 65.77
RMS 54.57
signal [adc counts]

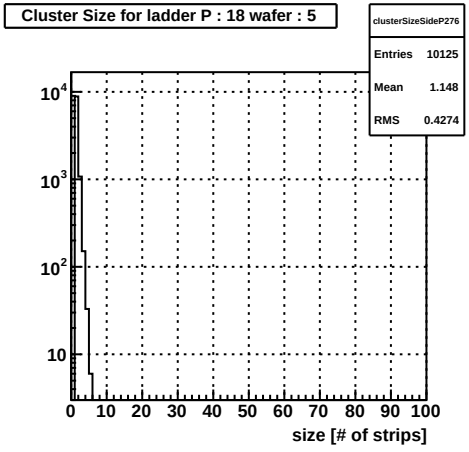

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 7121
Mean 1.221
RMS 0.5222
size [# of strips]

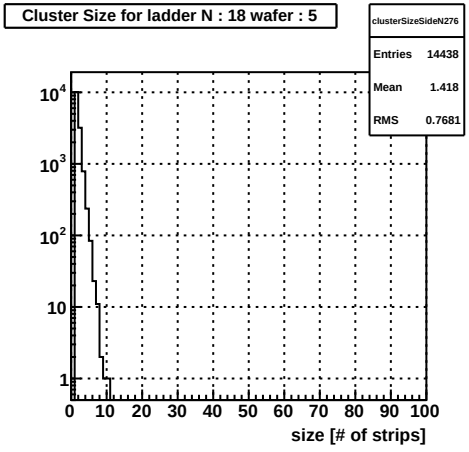

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 6227
Mean 1.462
RMS 0.7605
size [# of strips]

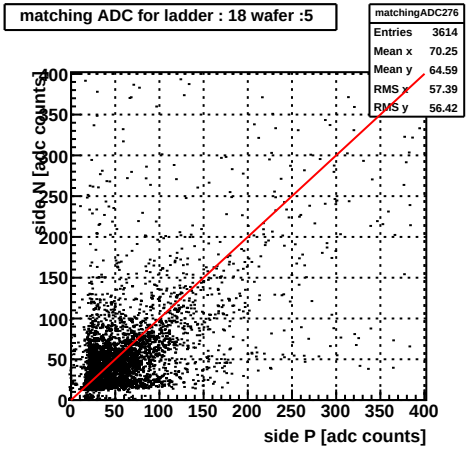

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 2803
Mean x 76.45
Mean y 57.66
RMS x 57.33
RMS y 47.47
side N [adc counts]
side P [adc counts]

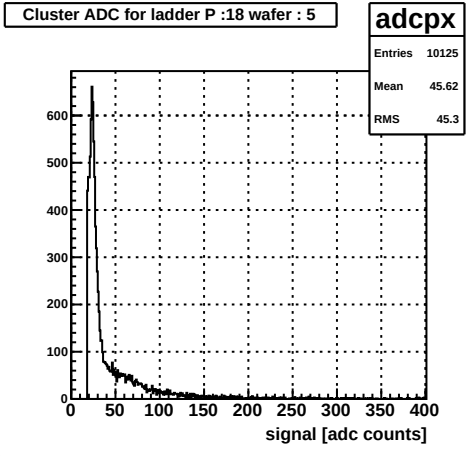

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 7121
Mean 64.38
RMS 56.54
signal [adc counts]

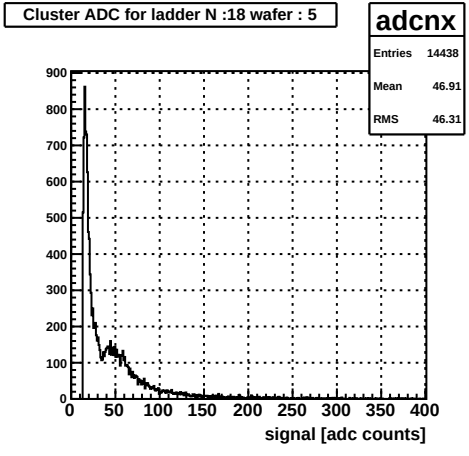

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 6227
Mean 59.26
RMS 50.1
signal [adc counts]

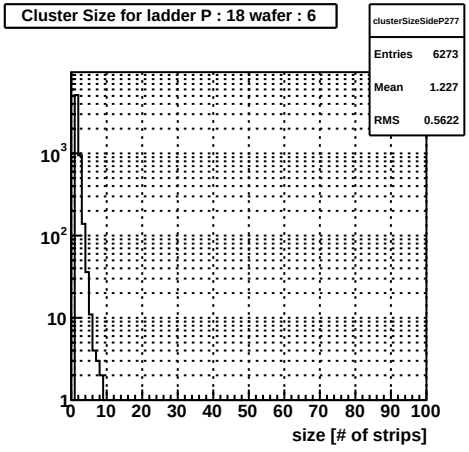

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10125
Mean 1.148
RMS 0.4274
size [# of strips]

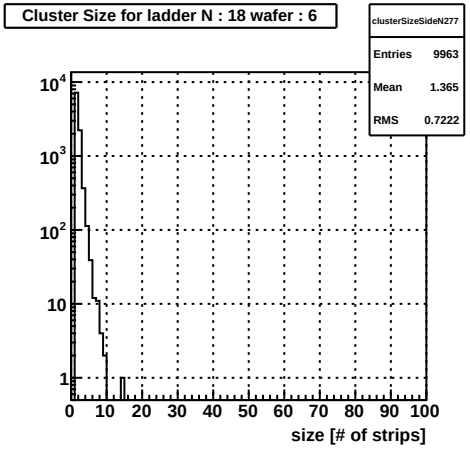

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 14438
Mean 1.418
RMS 0.7681
size [# of strips]

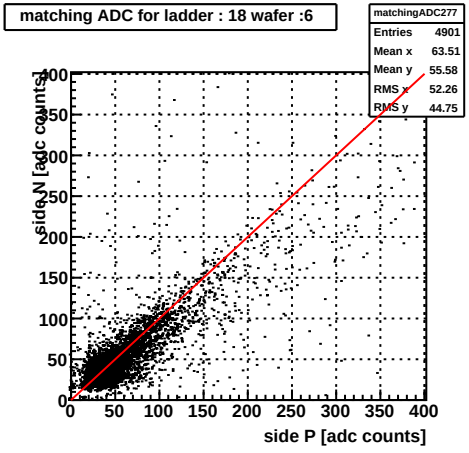

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 3614
Mean x 70.25
Mean y 64.59
RMS x 57.39
RMS y 56.42
side N [adc counts]
side P [adc counts]

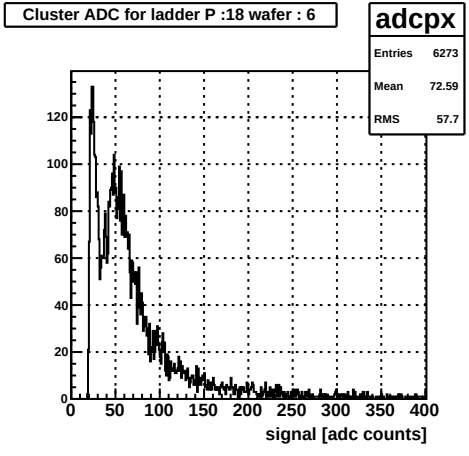

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10125
Mean 45.62
RMS 45.3
signal [adc counts]

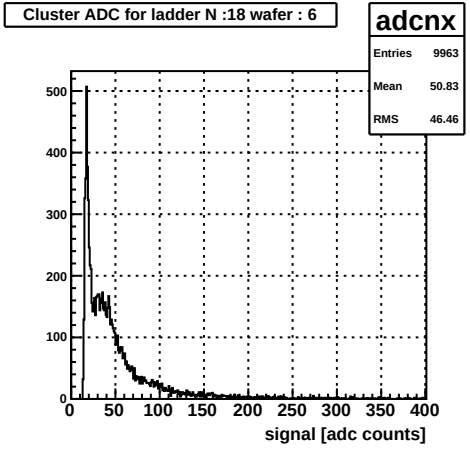

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 14438
Mean 46.91
RMS 46.31
signal [adc counts]

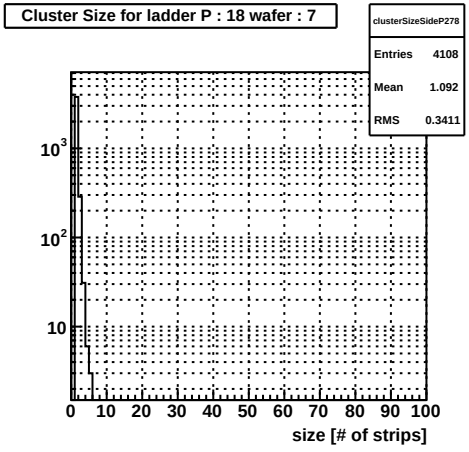

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 6273
Mean 1.227
RMS 0.5622
size [# of strips]

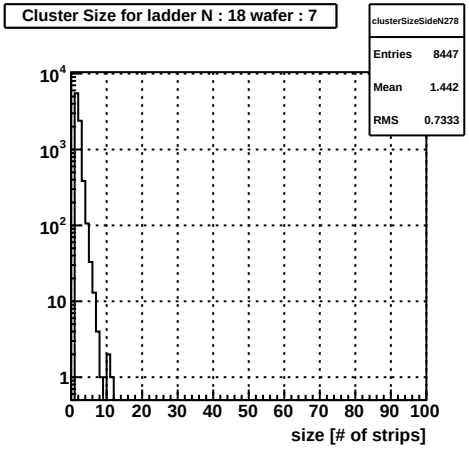

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 9963
Mean 1.365
RMS 0.7222
size [# of strips]

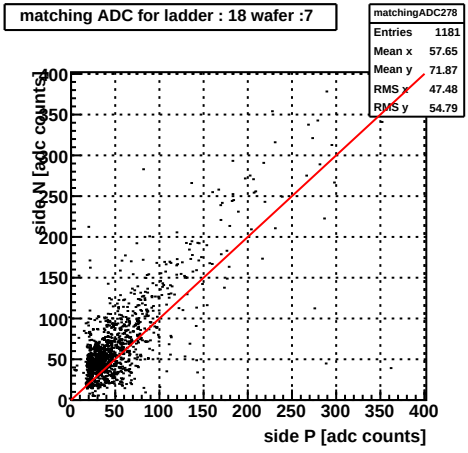

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 4901
Mean x 63.51
Mean y 55.58
RMS x 52.26
RMS y 44.75
side N [adc counts]
side P [adc counts]

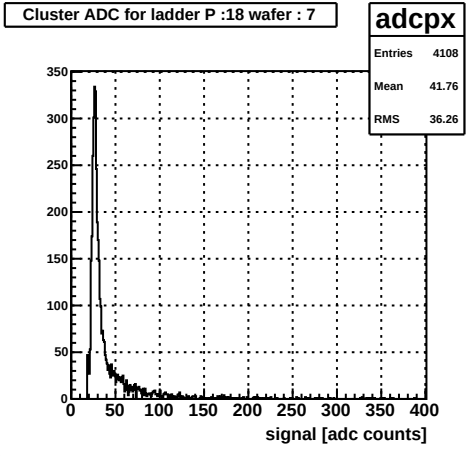

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 6273
Mean 72.59
RMS 57.7
signal [adc counts]

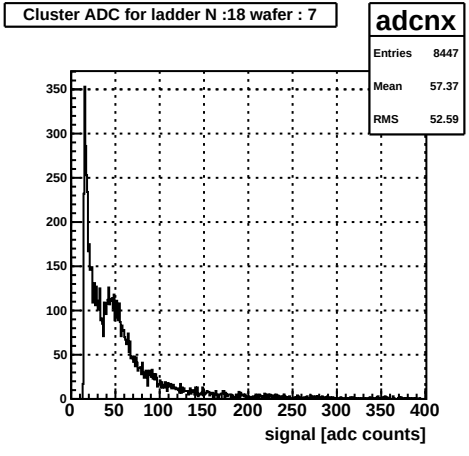

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 9963
Mean 50.83
RMS 46.46
signal [adc counts]

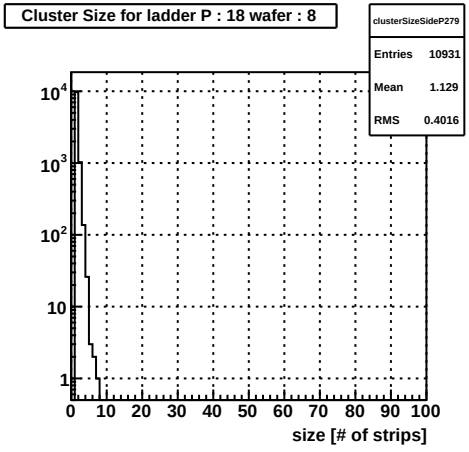

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4108
Mean 1.092
RMS 0.3411
size [# of strips]

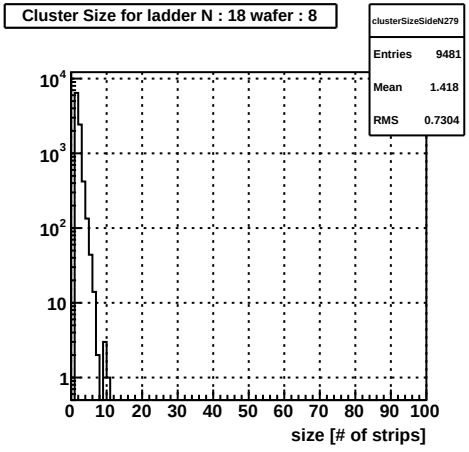

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 8447
Mean 1.442
RMS 0.7333
size [# of strips]

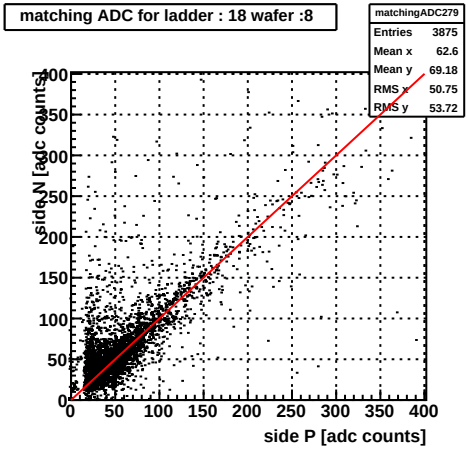

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1181
Mean x 57.65
Mean y 71.87
RMS x 47.48
RMS y 54.79
side N [adc counts]
side P [adc counts]

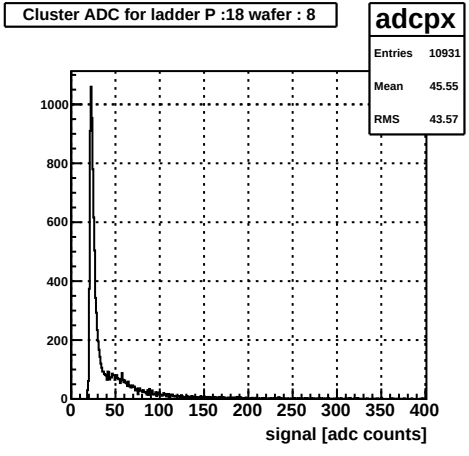

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4108
Mean 41.76
RMS 36.26
signal [adc counts]

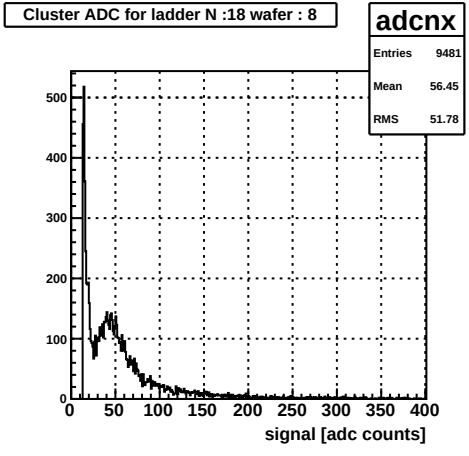

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 8447
Mean 57.37
RMS 52.59
signal [adc counts]

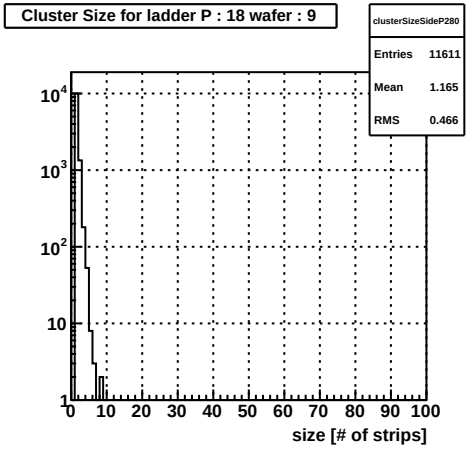

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10931
Mean 1.129
RMS 0.4016
size [# of strips]

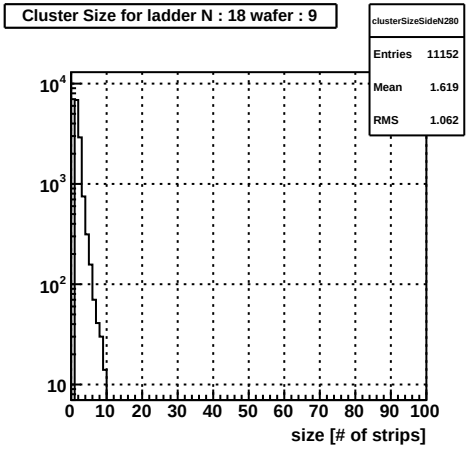

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 9481
Mean 1.418
RMS 0.7304
size [# of strips]

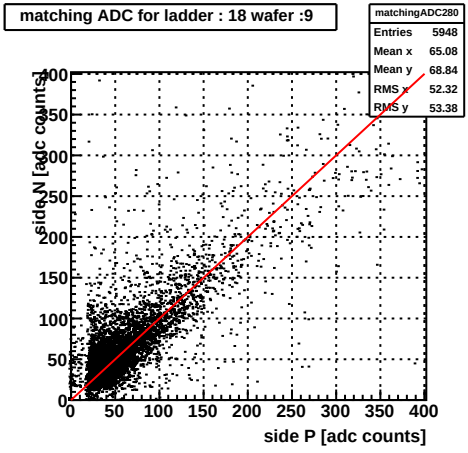

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 3875
Mean x 62.6
Mean y 69.18
RMS x 50.75
RMS y 53.72
side N [adc counts]
side P [adc counts]

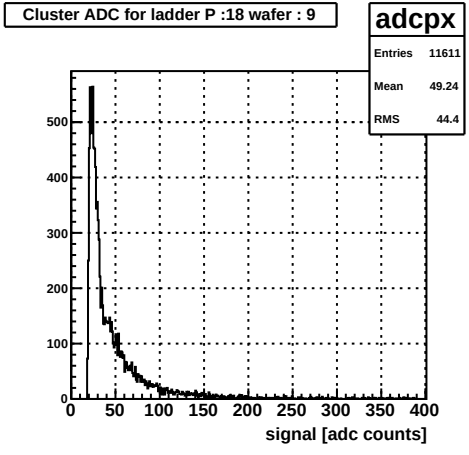

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10931
Mean 45.55
RMS 43.57
signal [adc counts]

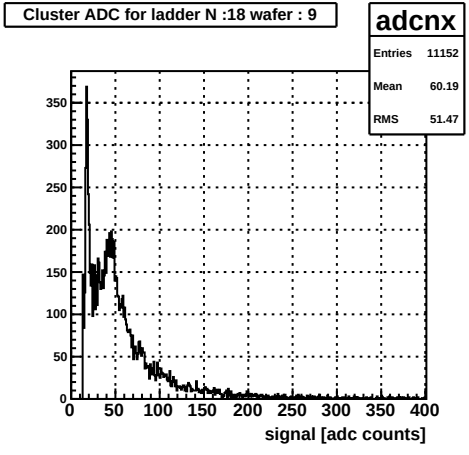

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 9481
Mean 56.45
RMS 51.78
signal [adc counts]

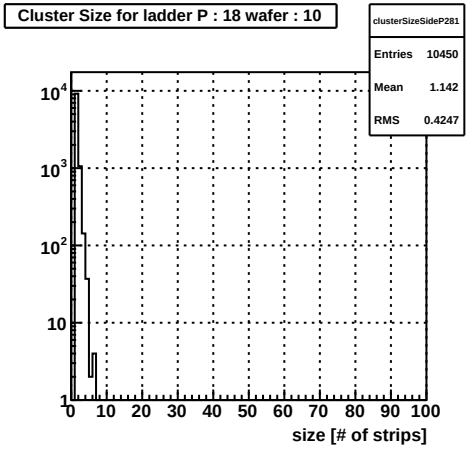

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11611
Mean 1.165
RMS 0.466
size [# of strips]

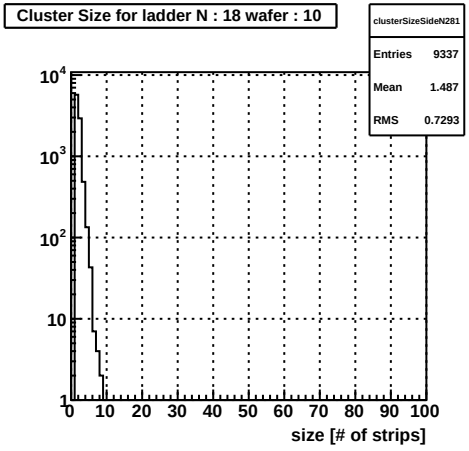

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 11152
Mean 1.619
RMS 1.062
size [# of strips]

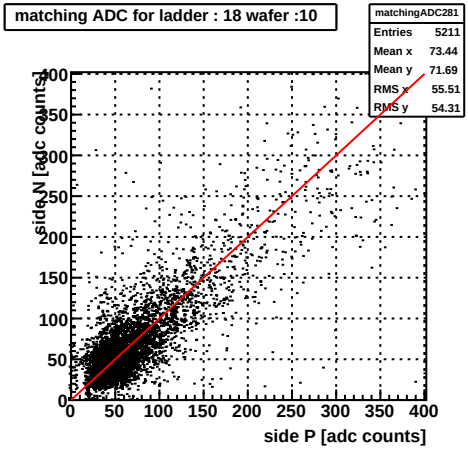

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 5948
Mean x 65.08
Mean y 68.84
RMS x 52.32
RMS y 53.38
side N [adc counts]
side P [adc counts]

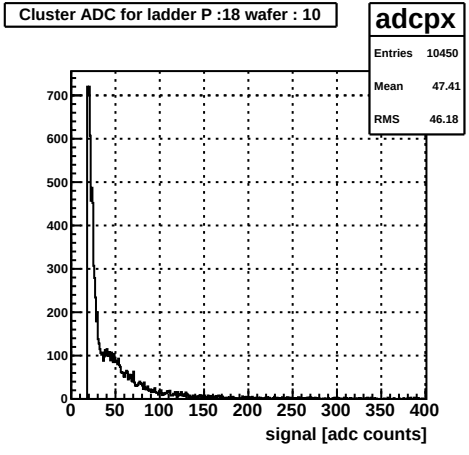

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11611
Mean 49.24
RMS 44.4
signal [adc counts]

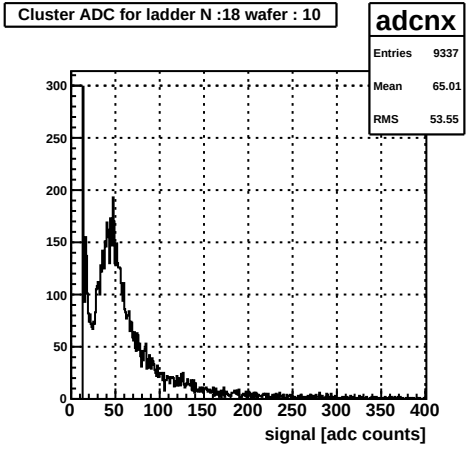

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 11152
Mean 60.19
RMS 51.47
signal [adc counts]

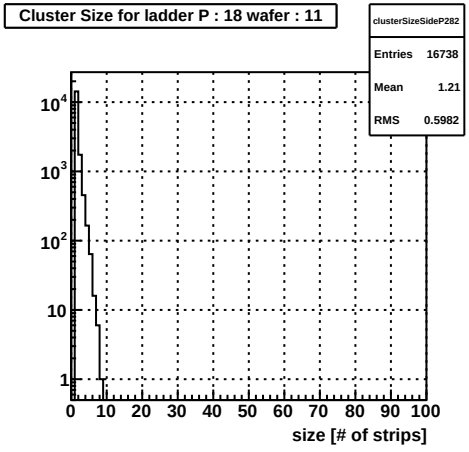

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 10450
Mean 1.142
RMS 0.4247
size [# of strips]

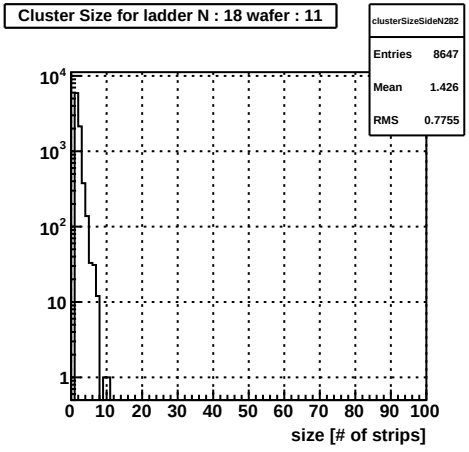

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 9337
Mean 1.487
RMS 0.7293
size [# of strips]

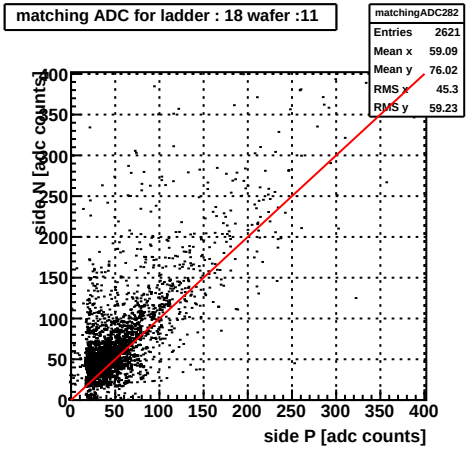

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 5211
Mean x 73.44
Mean y 71.69
RMS x 55.51
RMS y 54.31
side N [adc counts]
side P [adc counts]

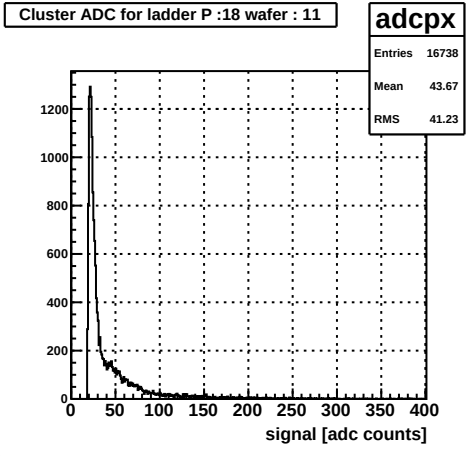

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 10450
Mean 47.41
RMS 46.18
signal [adc counts]

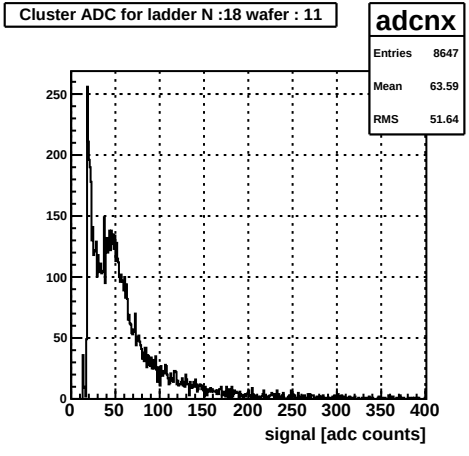

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 9337
Mean 65.01
RMS 53.55
signal [adc counts]

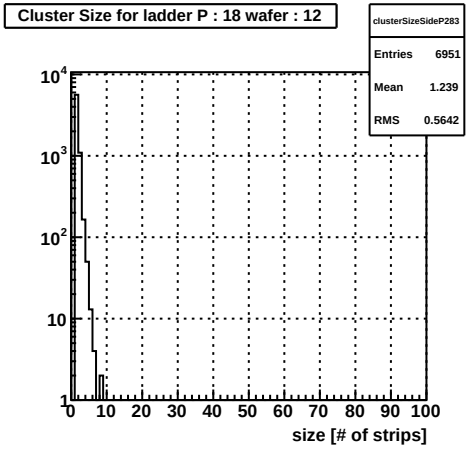

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 16738
Mean 1.21
RMS 0.5982
size [# of strips]

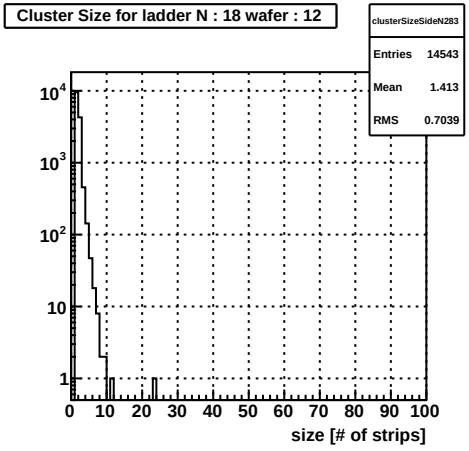

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 8647
Mean 1.426
RMS 0.7755
size [# of strips]

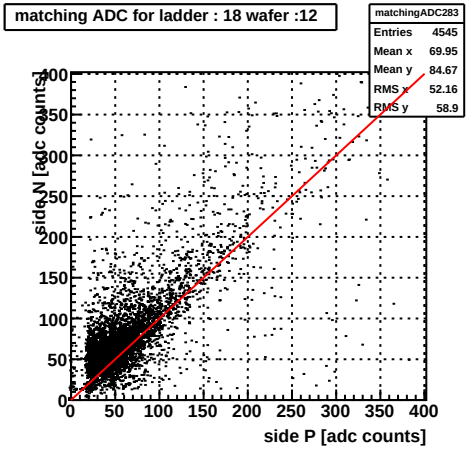

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 2621
Mean x 59.09
Mean y 76.02
RMS x 45.3
RMS y 59.23
side N [adc counts]
side P [adc counts]

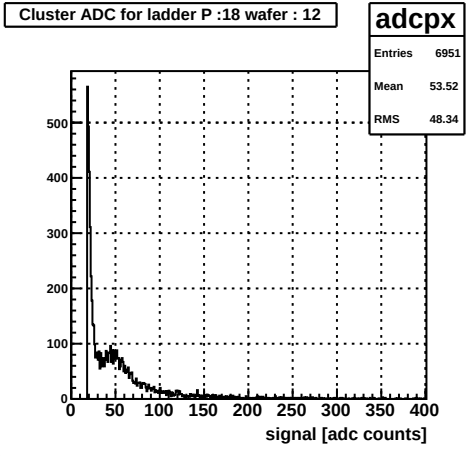

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 16738
Mean 43.67
RMS 41.23
signal [adc counts]

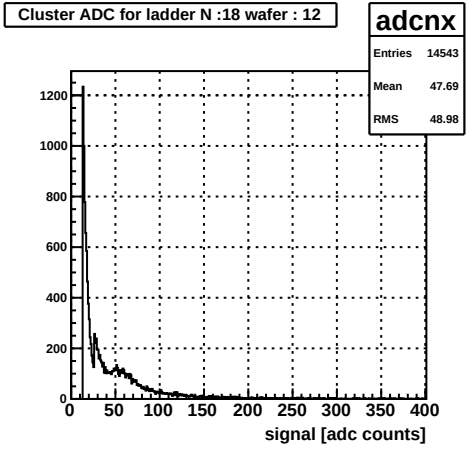

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 8647
Mean 63.59
RMS 51.64
signal [adc counts]

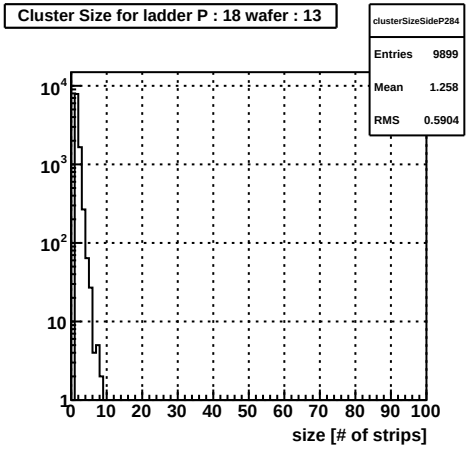

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 6951
Mean 1.239
RMS 0.5642
size [# of strips]

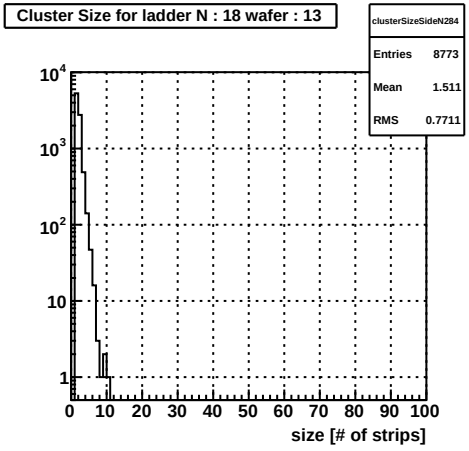

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 14543
Mean 1.413
RMS 0.7039
size [# of strips]

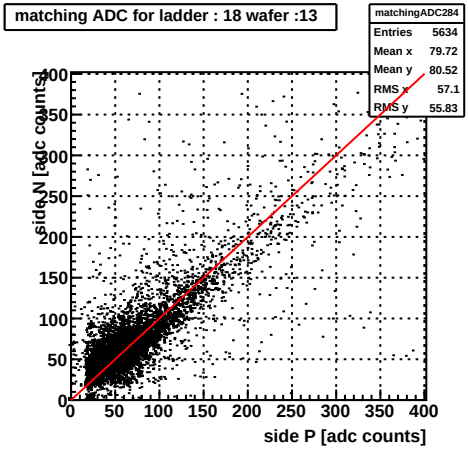

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 4545
Mean x 69.95
Mean y 84.67
RMS x 52.16
RMS y 58.9
side N [adc counts]
side P [adc counts]

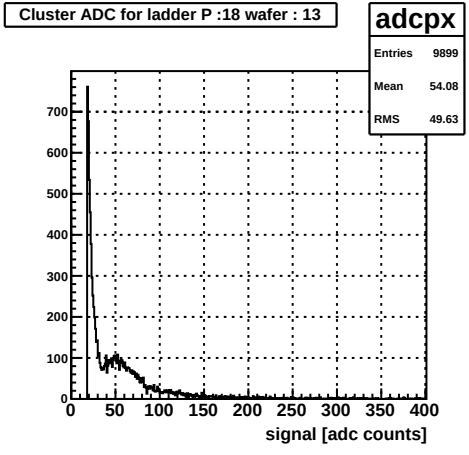

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 6951
Mean 53.52
RMS 48.34
signal [adc counts]

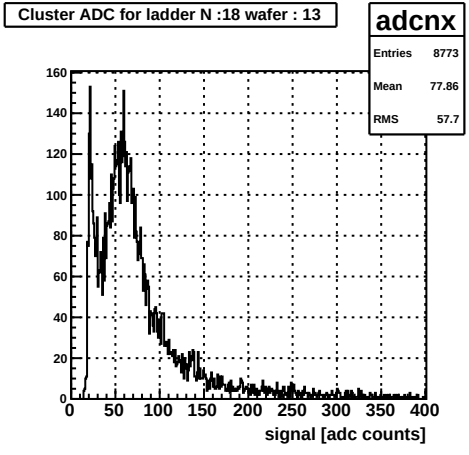

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 14543
Mean 47.69
RMS 48.98
signal [adc counts]

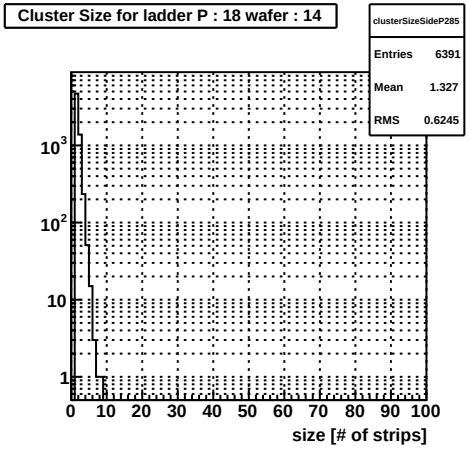

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 9899
Mean 1.258
RMS 0.5904
size [# of strips]

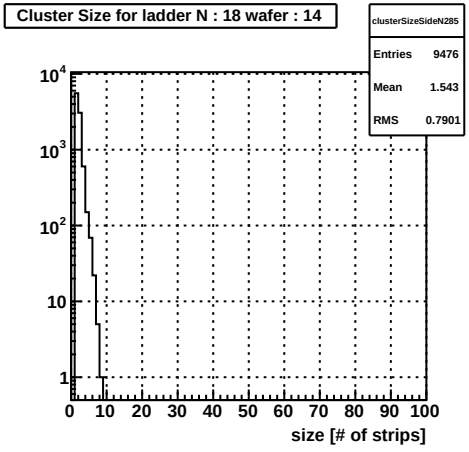

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 8773
Mean 1.511
RMS 0.7711
size [# of strips]

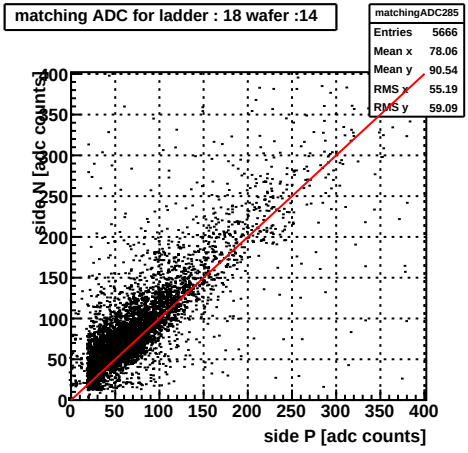

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 5634
Mean x 79.72
Mean y 80.52
RMS x 57.1
RMS y 55.83
side N [adc counts]
side P [adc counts]

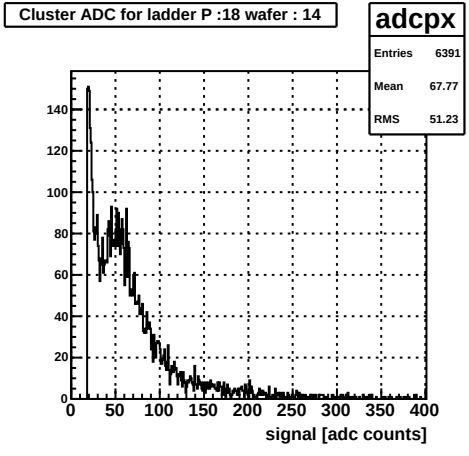

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 9899
Mean 54.08
RMS 49.63
signal [adc counts]

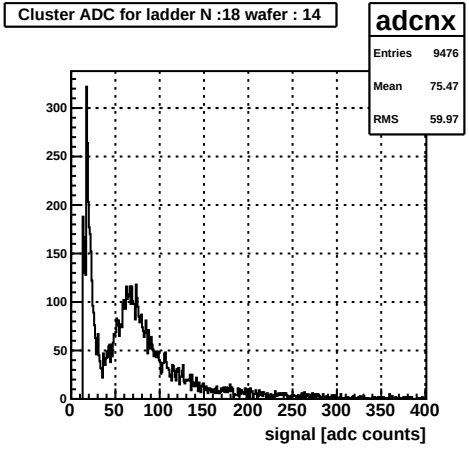

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 8773
Mean 77.86
RMS 57.7
signal [adc counts]

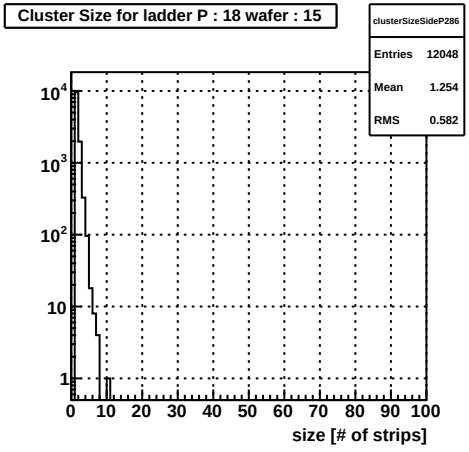

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 6391
Mean 1.327
RMS 0.6245
size [# of strips]

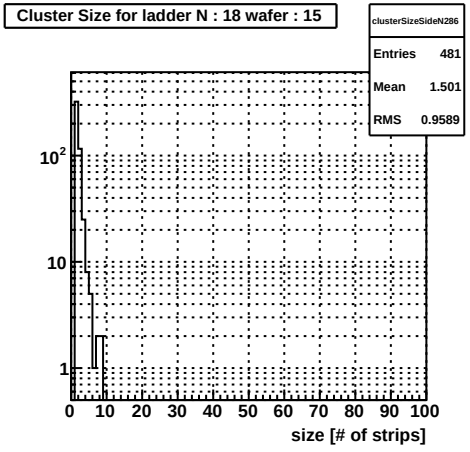

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 9476
Mean 1.543
RMS 0.7901
size [# of strips]

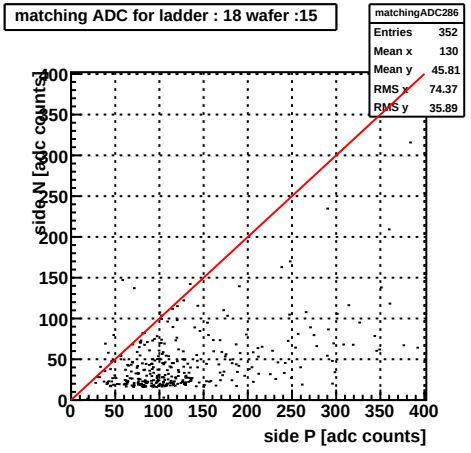

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 5666
Mean x 78.06
Mean y 90.54
RMS x 55.19
RMS y 59.09
side N [adc counts]
side P [adc counts]

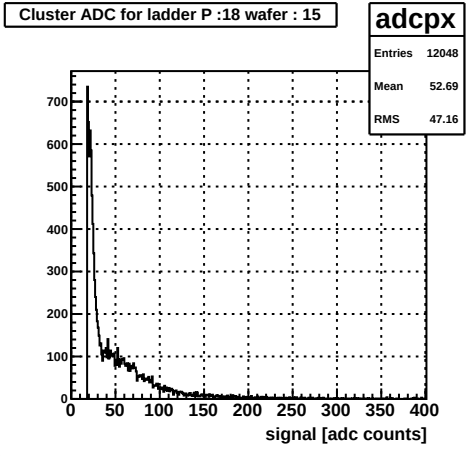

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 6391
Mean 67.77
RMS 51.23
signal [adc counts]

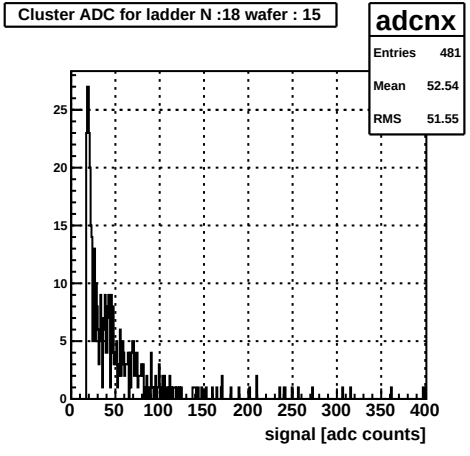

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 9476
Mean 75.47
RMS 59.97
signal [adc counts]

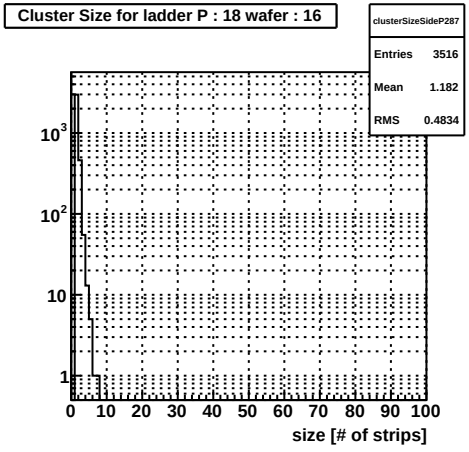

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12048
Mean 1.254
RMS 0.582
size [# of strips]

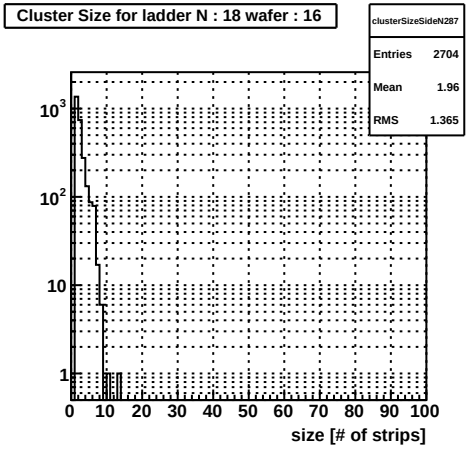

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 481
Mean 1.501
RMS 0.9589
size [# of strips]

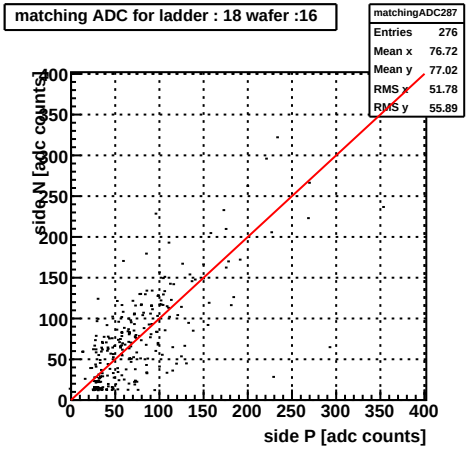

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 352
Mean x 130
Mean y 45.81
RMS x 74.37
RMS y 35.89
side N [adc counts]
side P [adc counts]

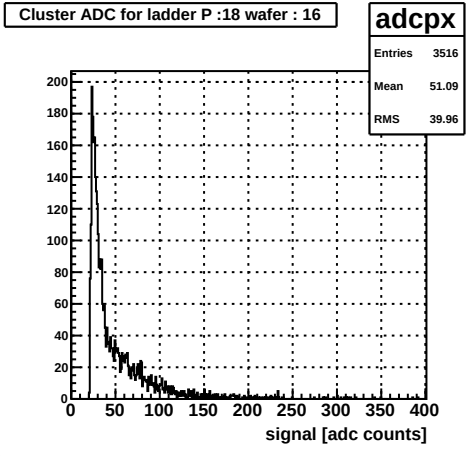

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12048
Mean 52.69
RMS 47.16
signal [adc counts]

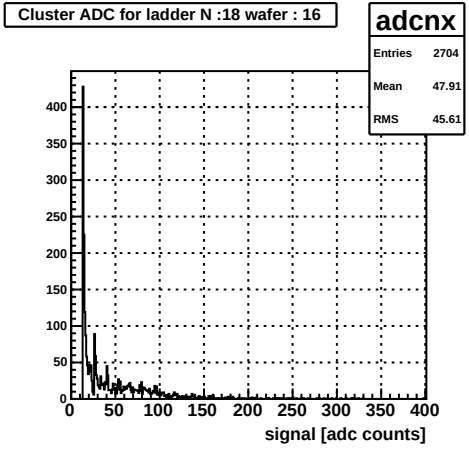

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 481
Mean 52.54
RMS 51.55
signal [adc counts]

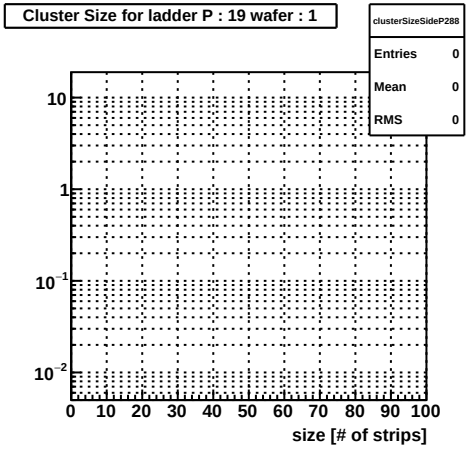

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3516
Mean 1.182
RMS 0.4834
size [# of strips]

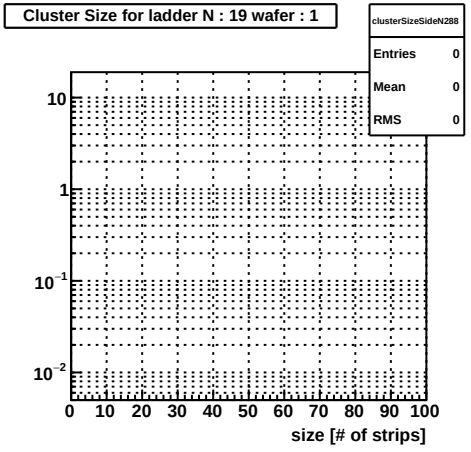

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2704
Mean 1.96
RMS 1.365
size [# of strips]

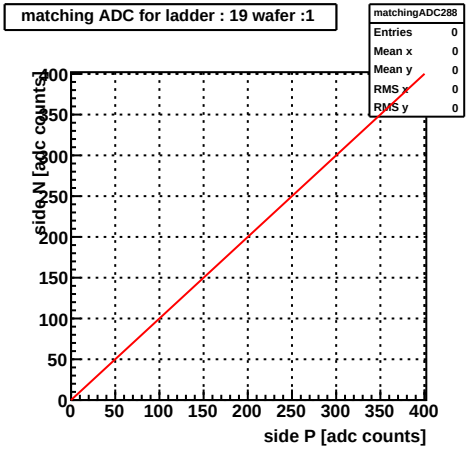

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 276
Mean x 76.72
Mean y 77.02
RMS x 51.78
RMS y 55.89
side N [adc counts]
side P [adc counts]

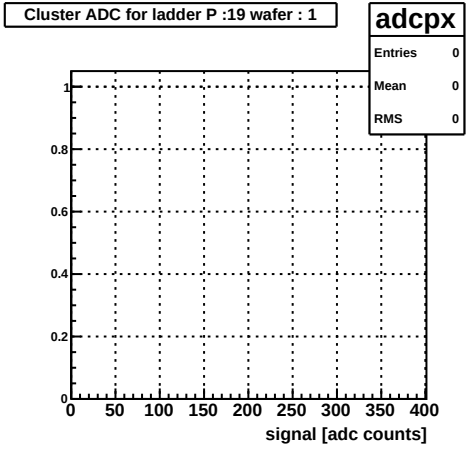

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3516
Mean 51.09
RMS 39.96
signal [adc counts]

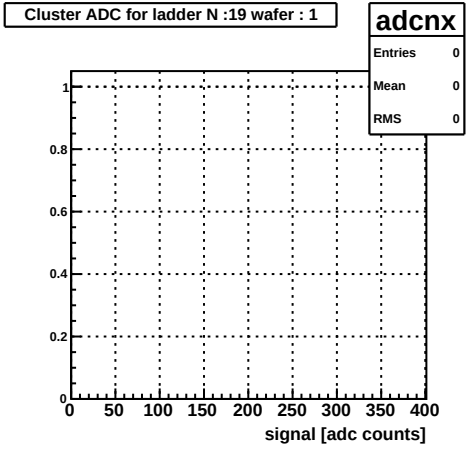

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2704
Mean 47.91
RMS 45.61
signal [adc counts]

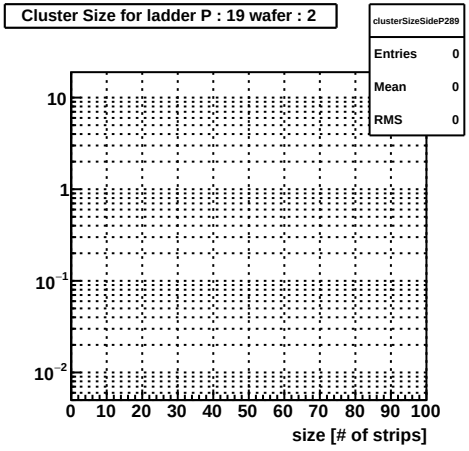

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

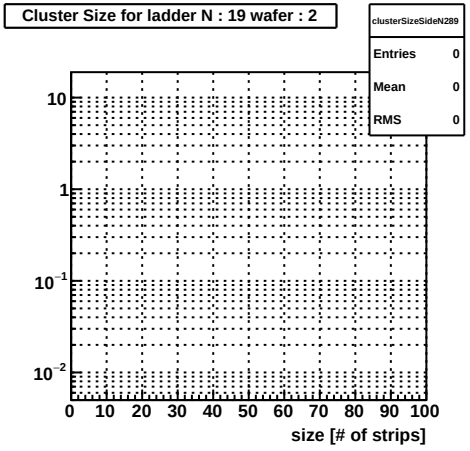

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

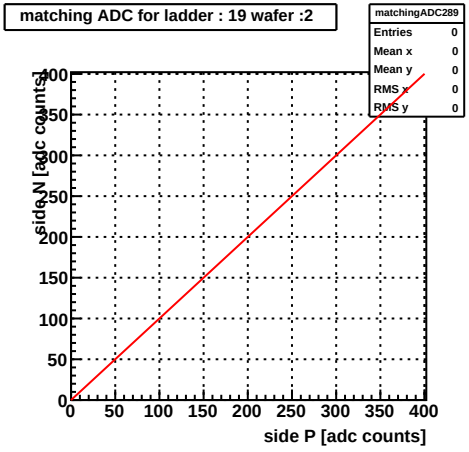

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

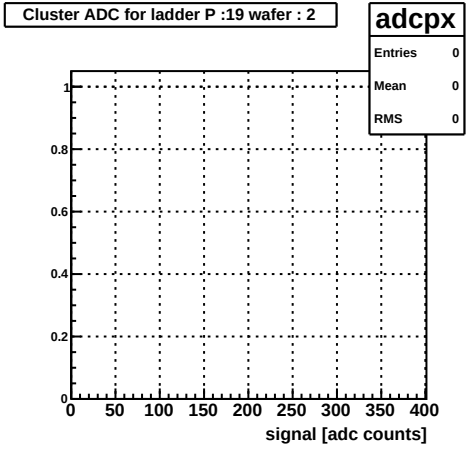

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

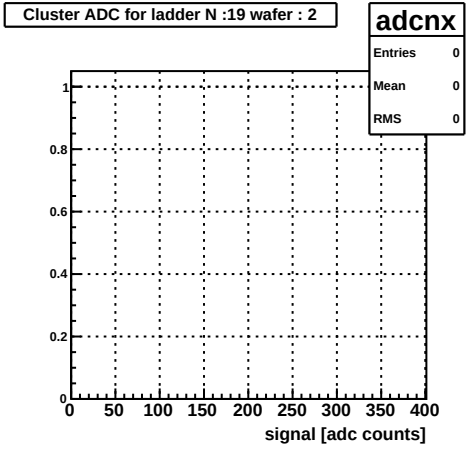

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

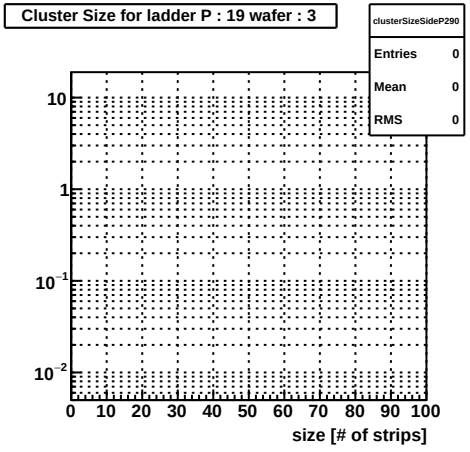

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

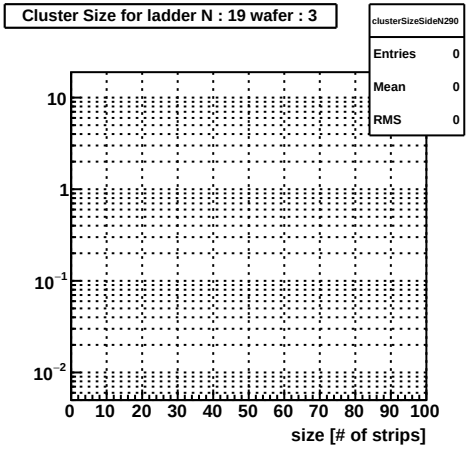

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

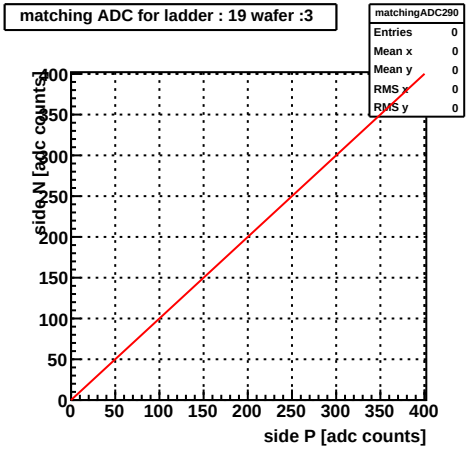

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

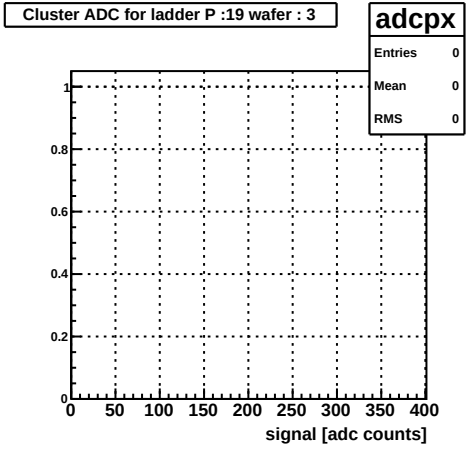

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

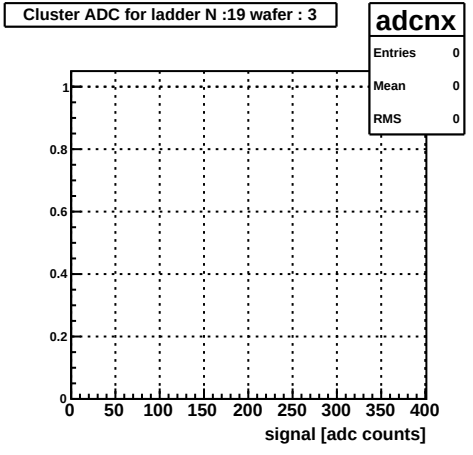

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

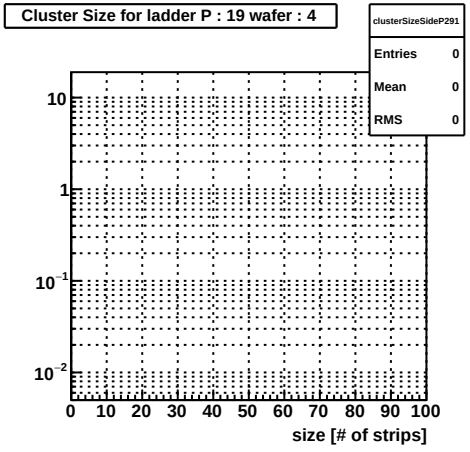

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

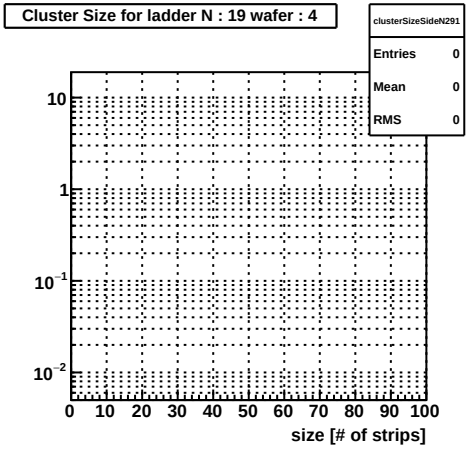

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

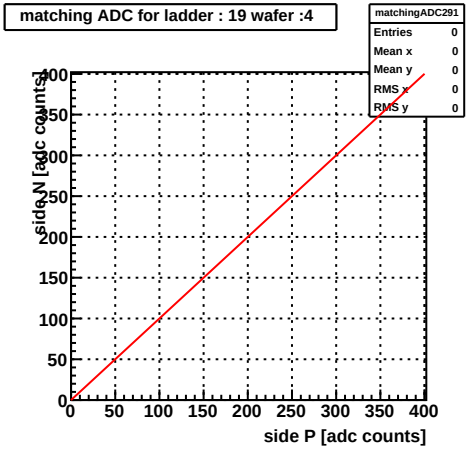

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

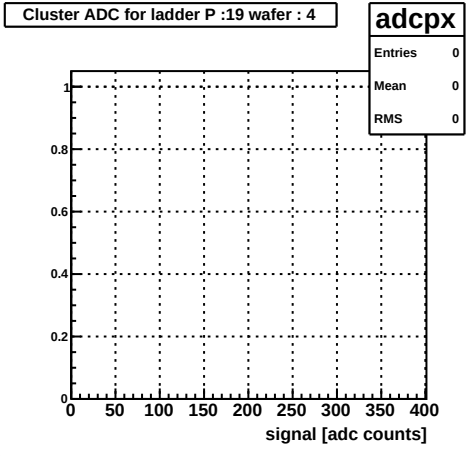

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

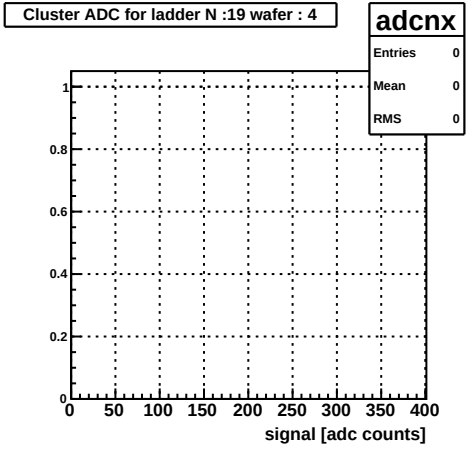

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

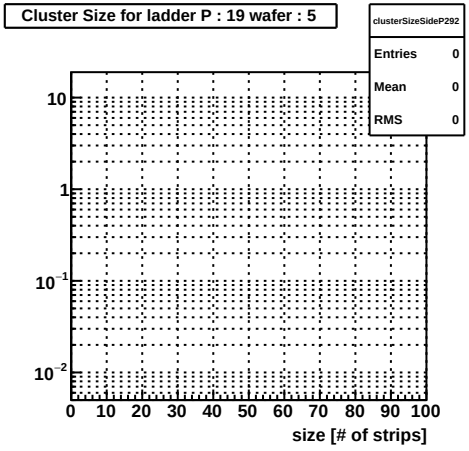

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

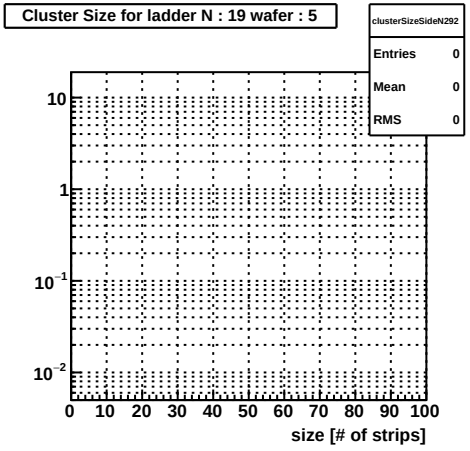

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

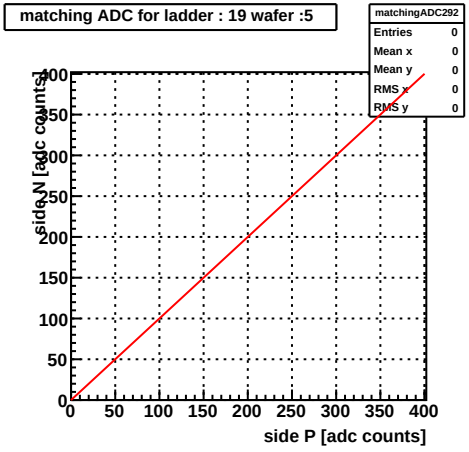

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

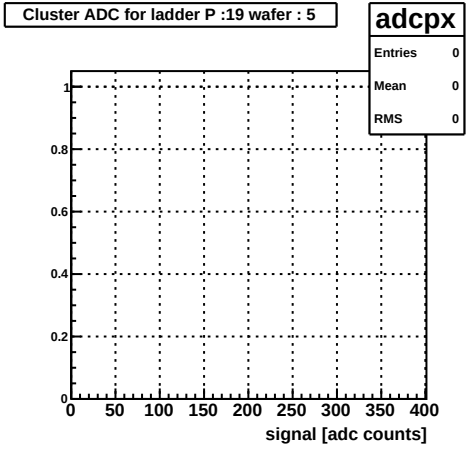

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

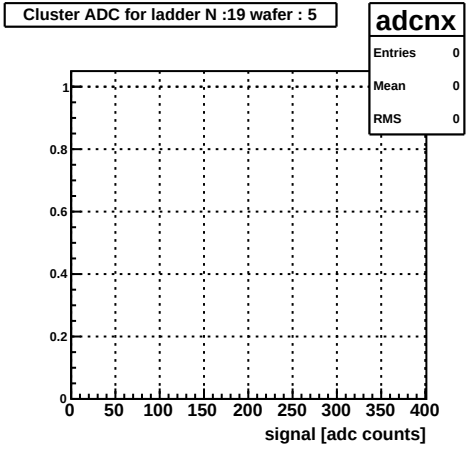

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

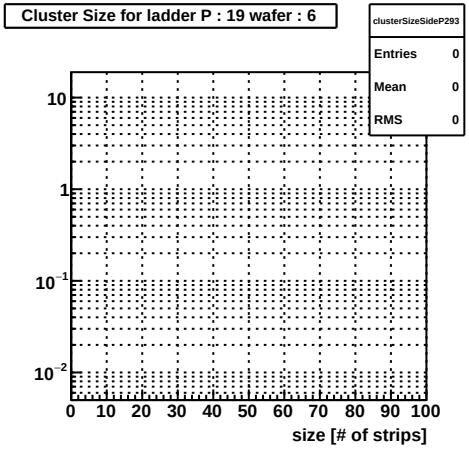

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

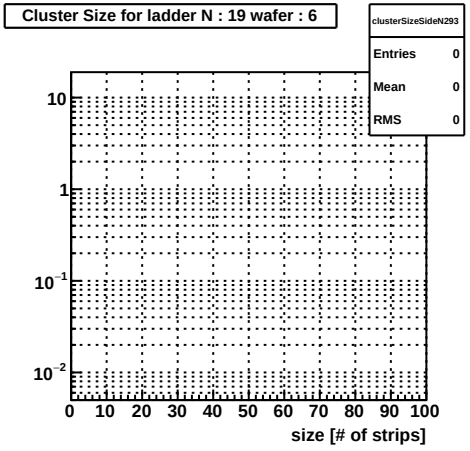

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

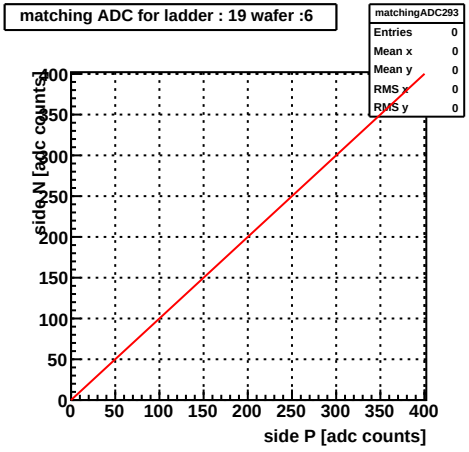

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

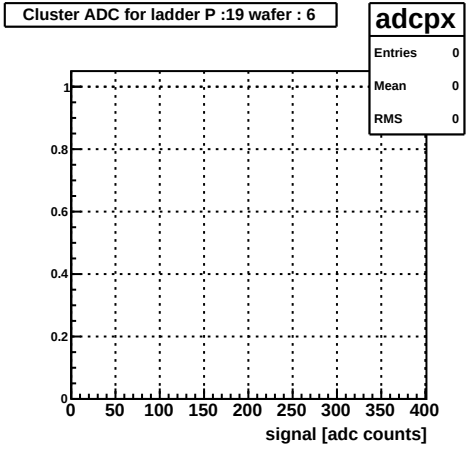

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

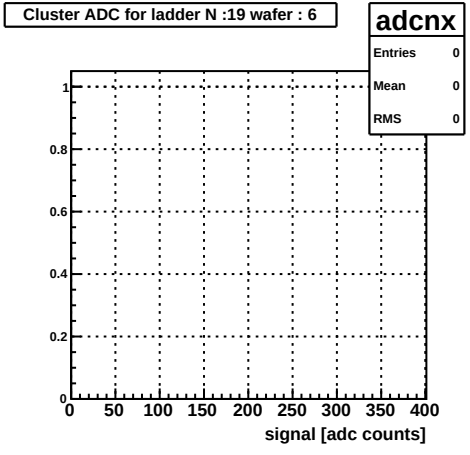

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

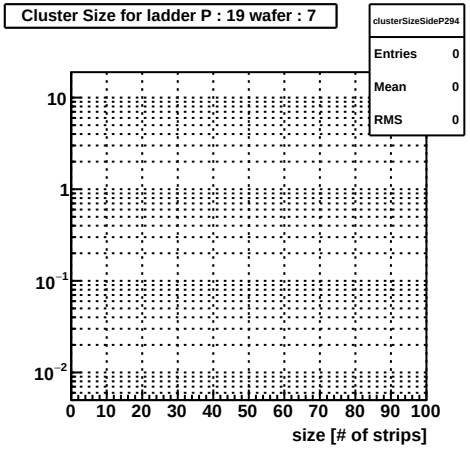

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

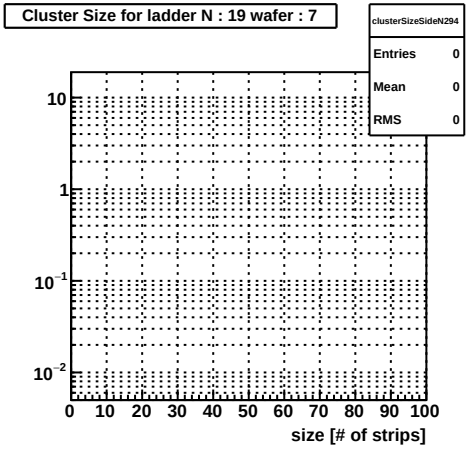

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

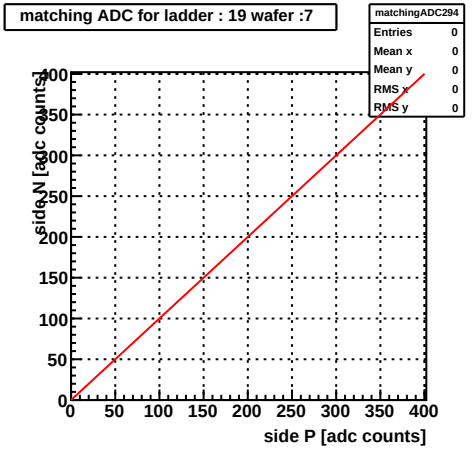

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

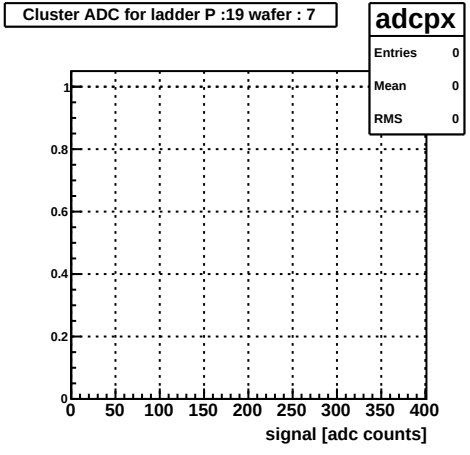

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

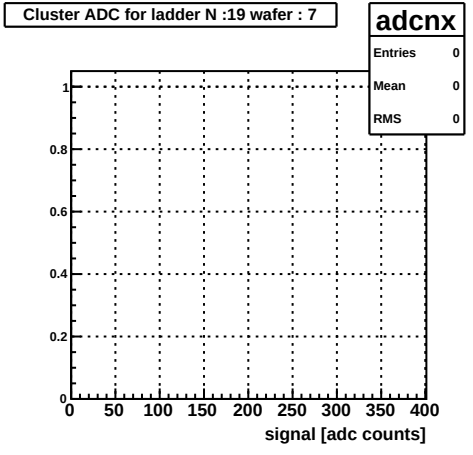

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

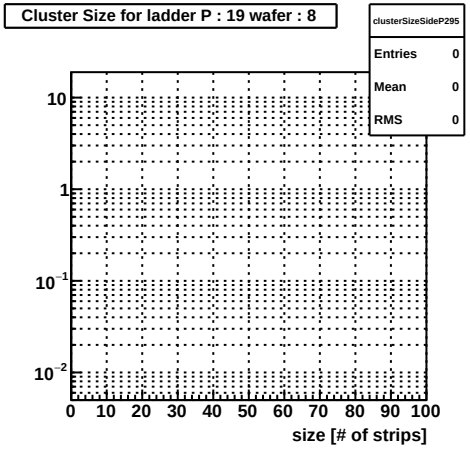

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

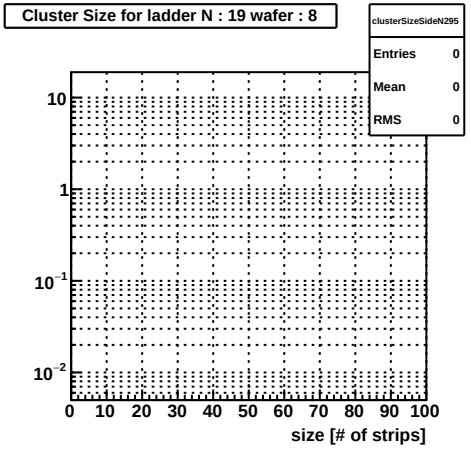

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

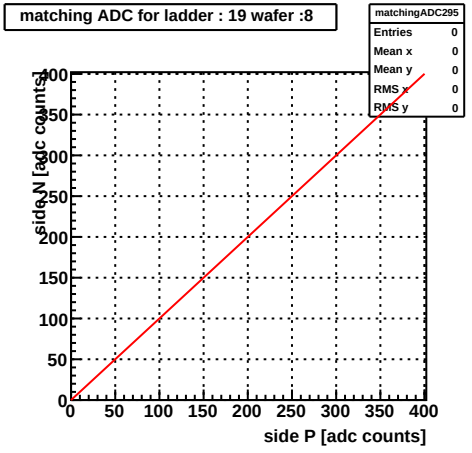

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

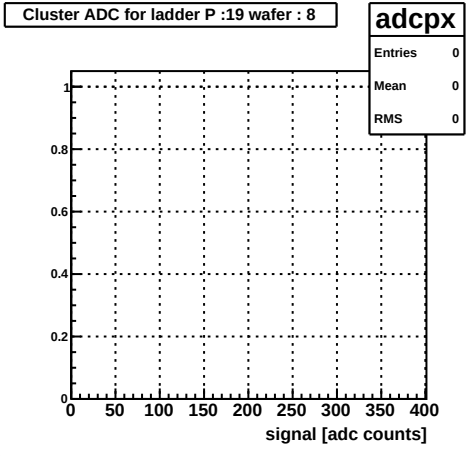

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

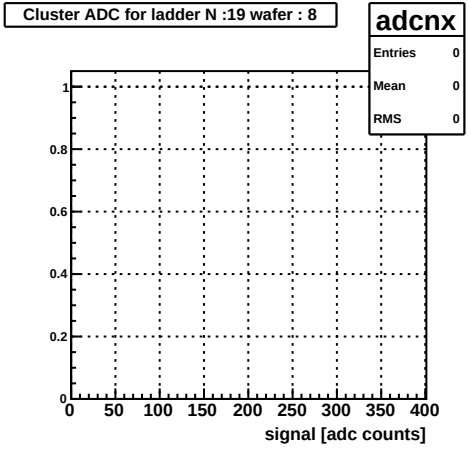

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

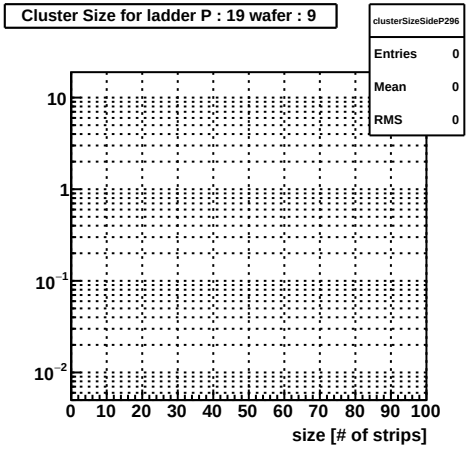

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

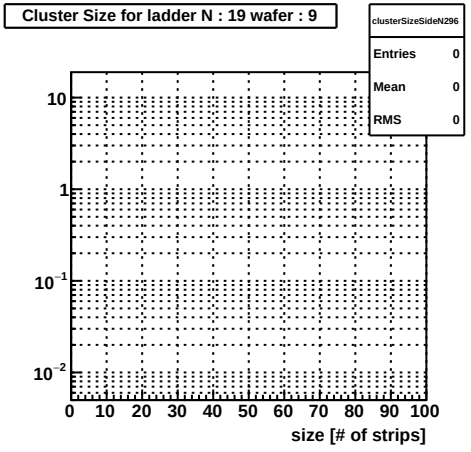

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

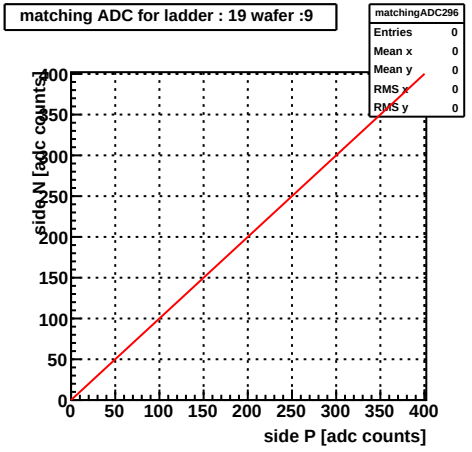

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

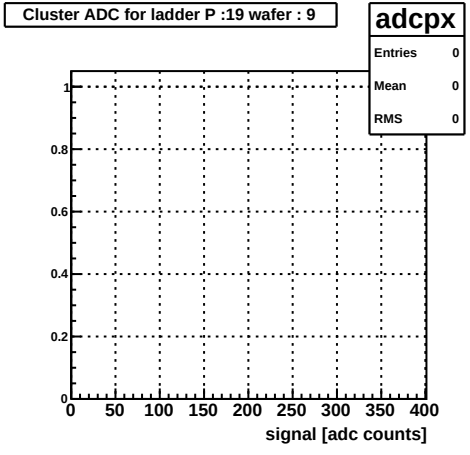

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

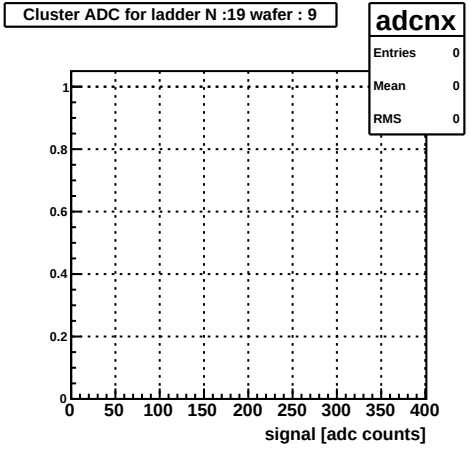

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

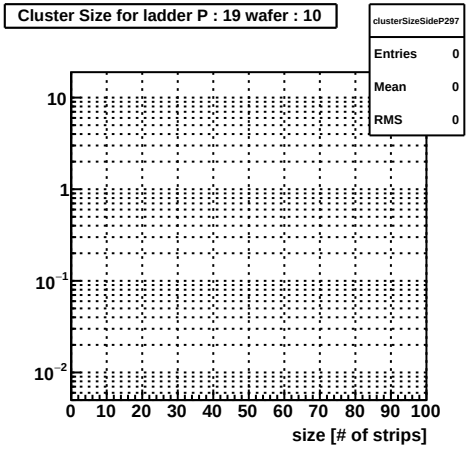

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

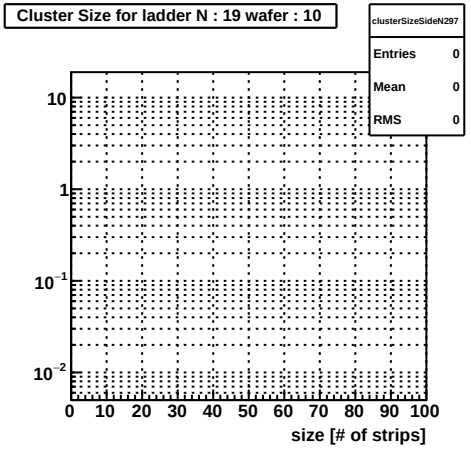

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

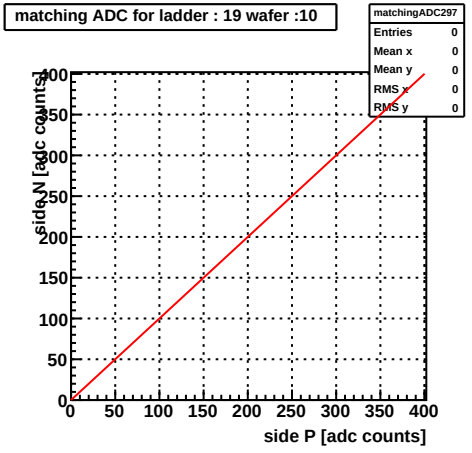

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

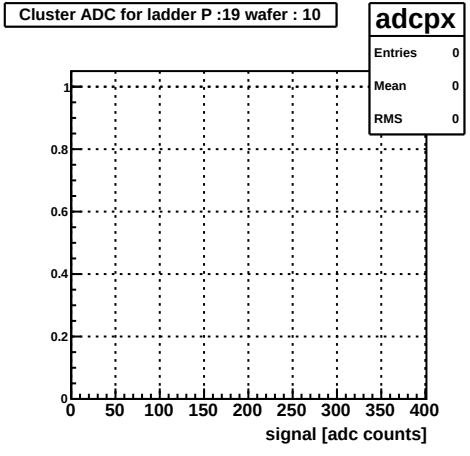

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

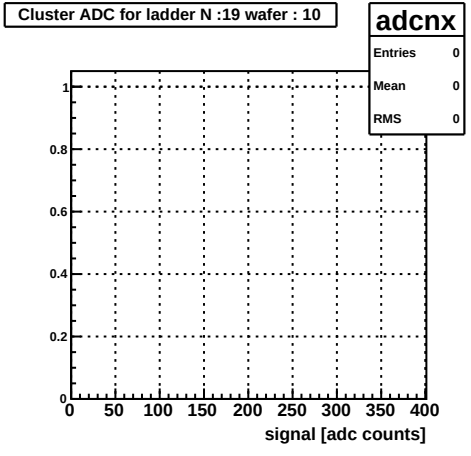

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

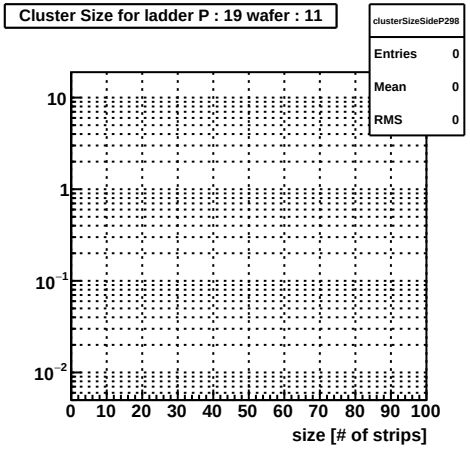

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

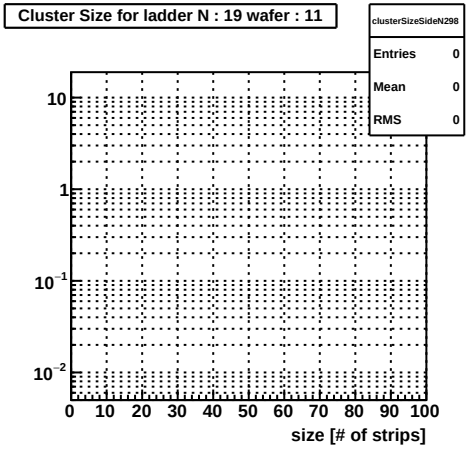

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

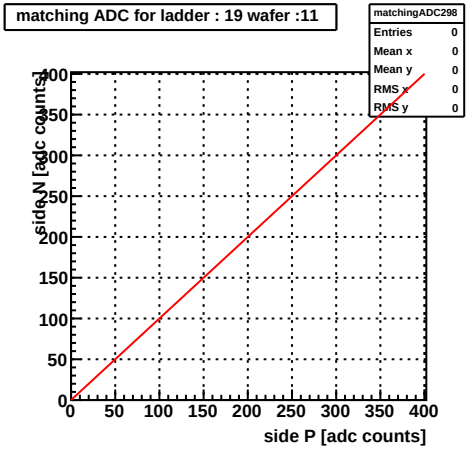

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

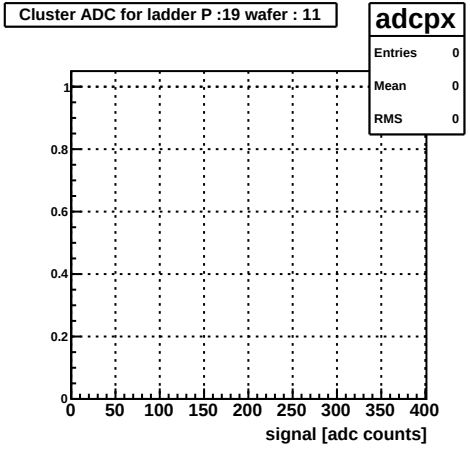

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

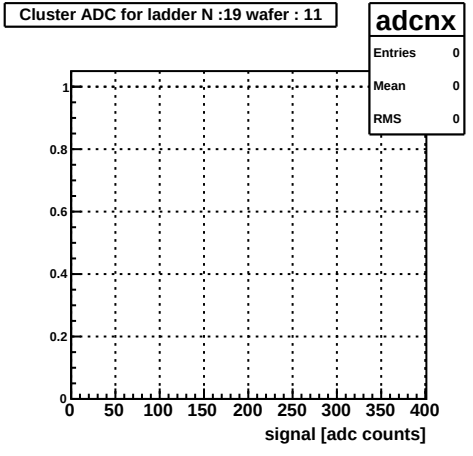

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

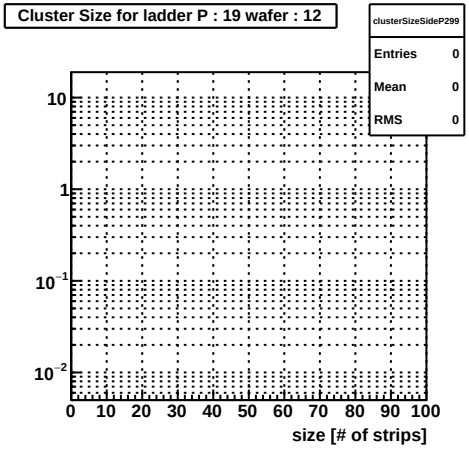

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

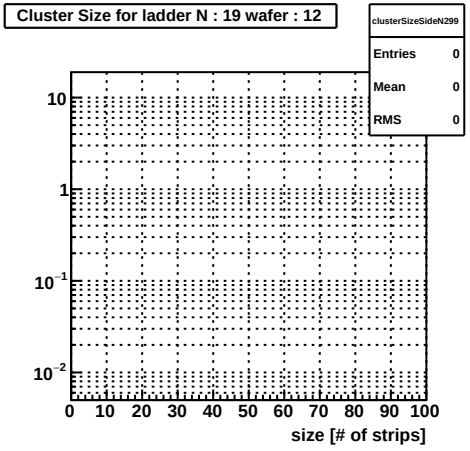

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

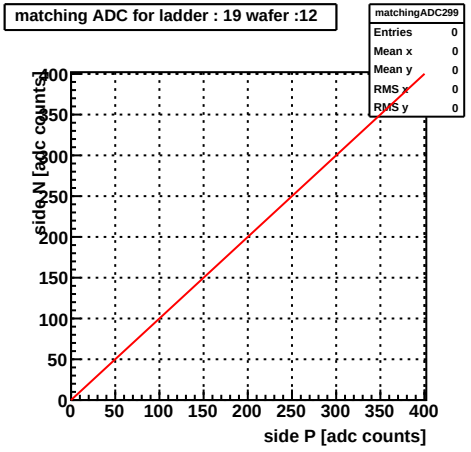

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

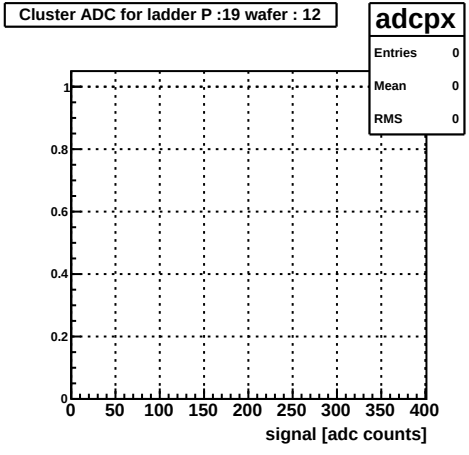

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

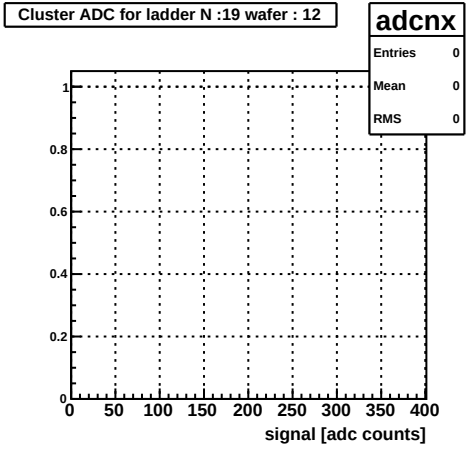

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

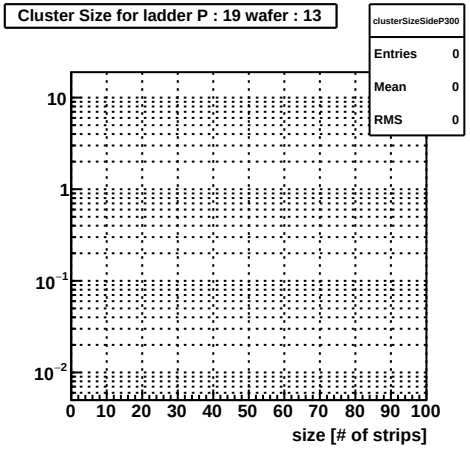

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

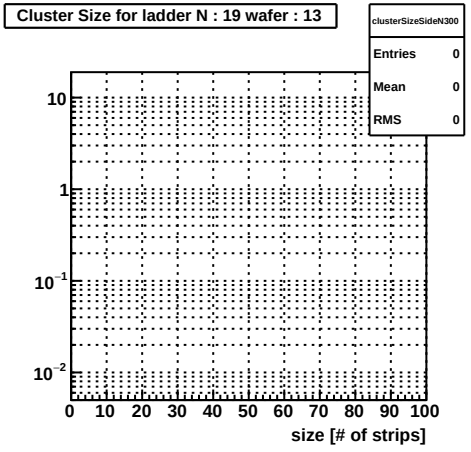

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

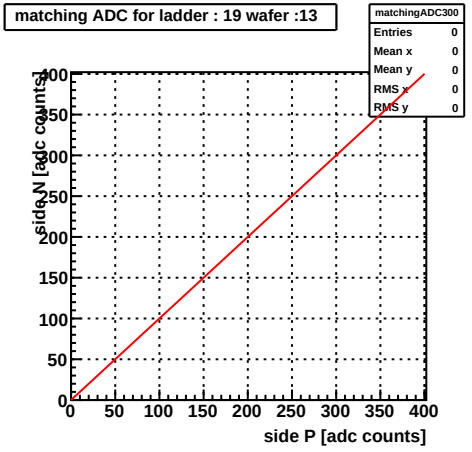

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

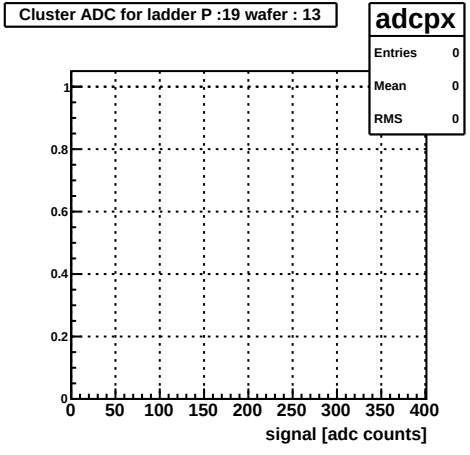

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

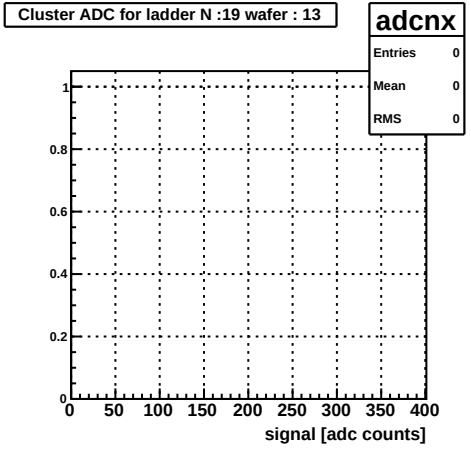

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

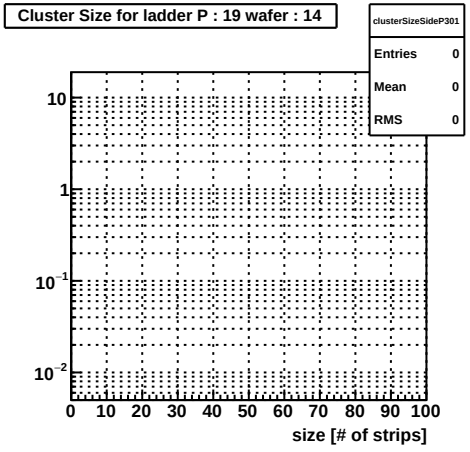

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

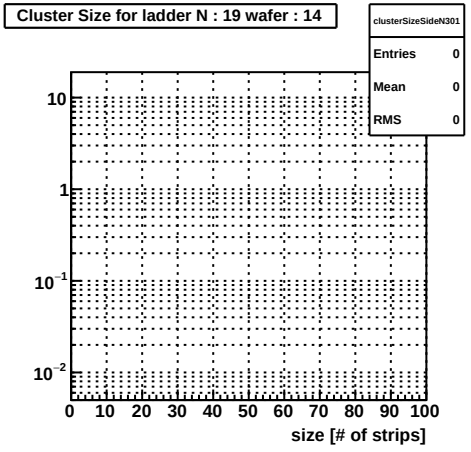

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

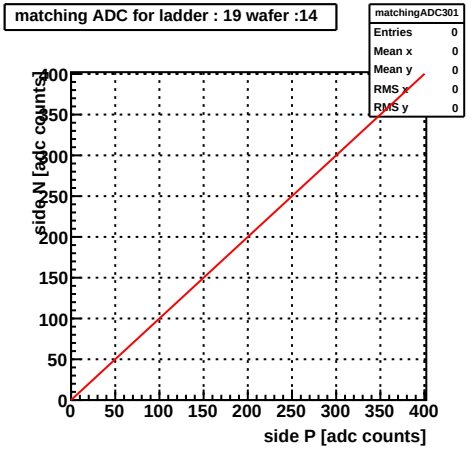

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

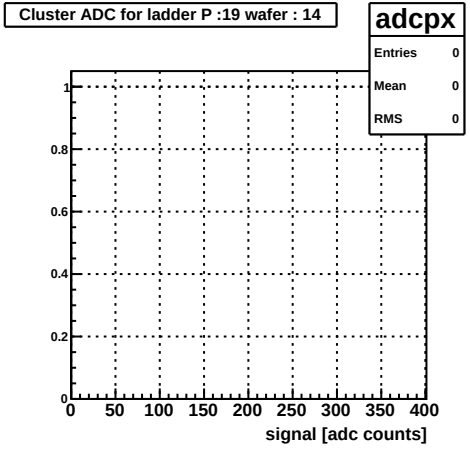

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

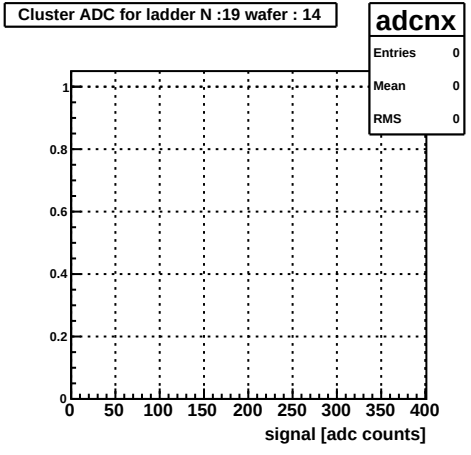

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

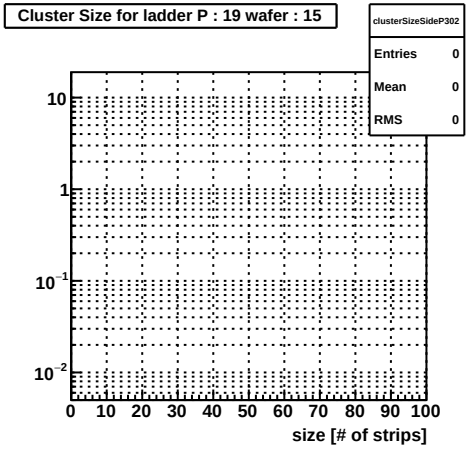

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

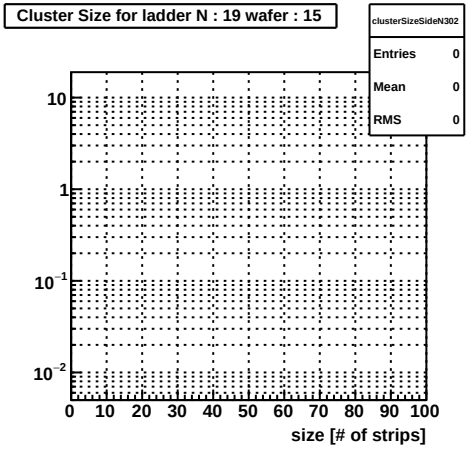

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

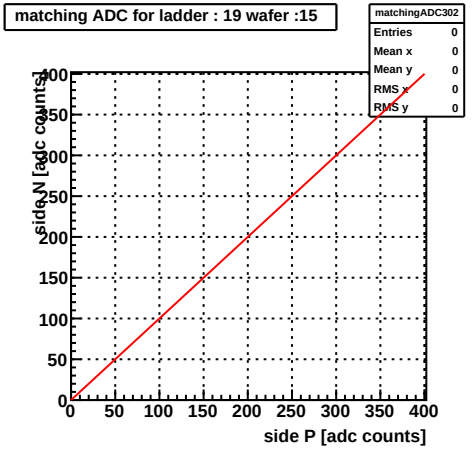

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

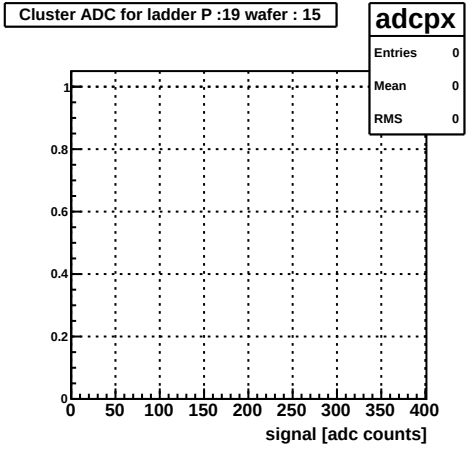

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

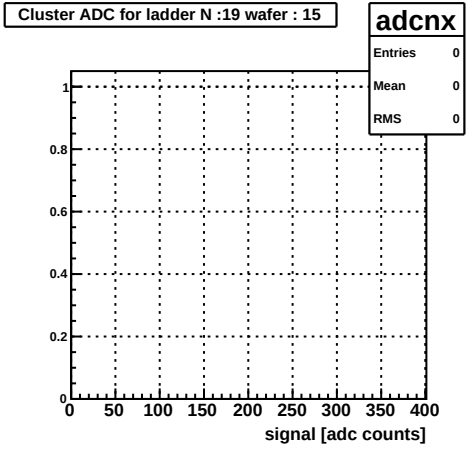

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

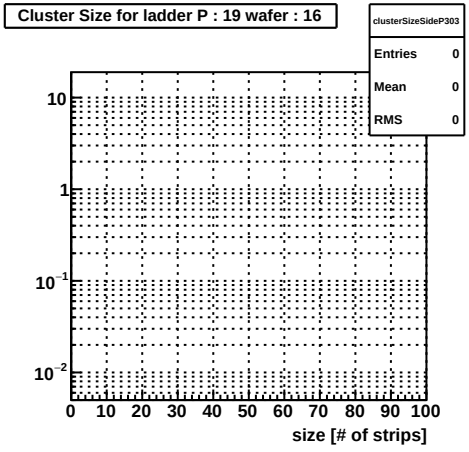

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

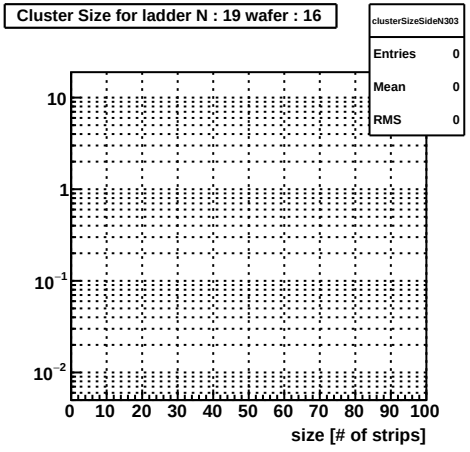

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

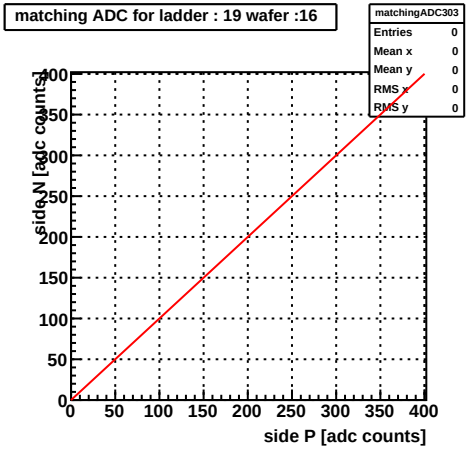

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

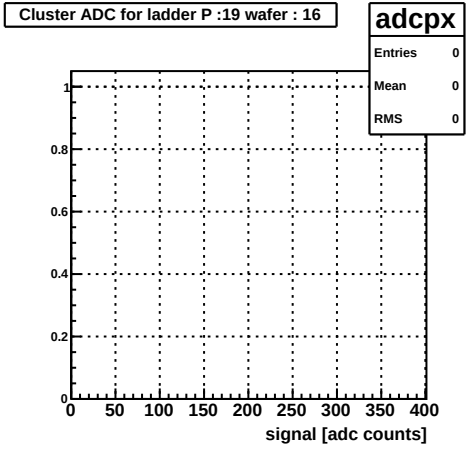

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

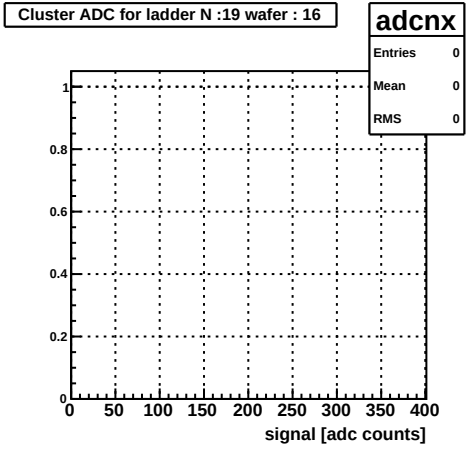

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

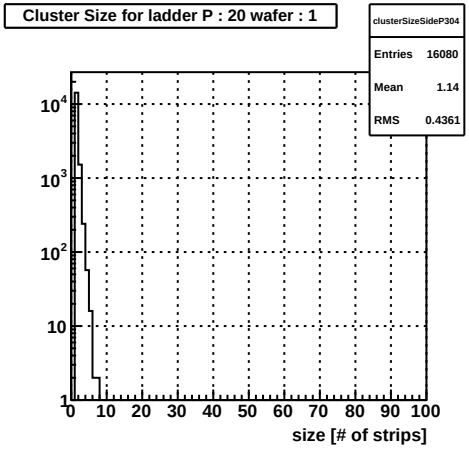

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

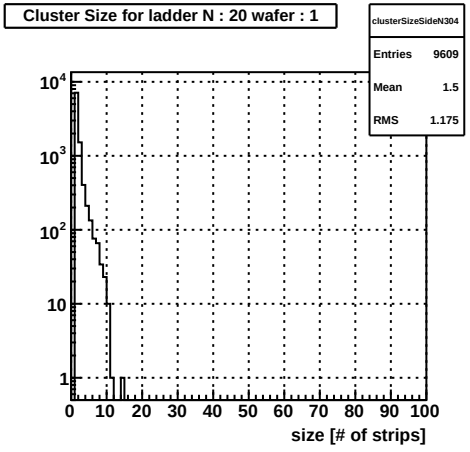

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

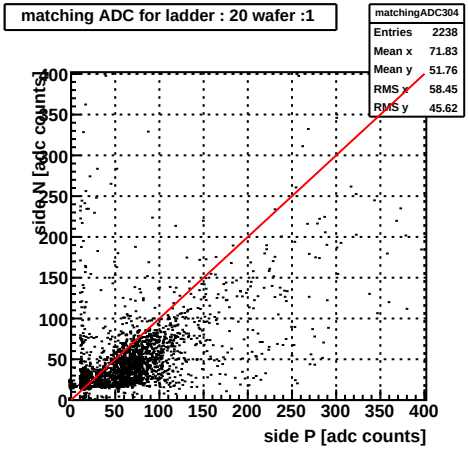

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

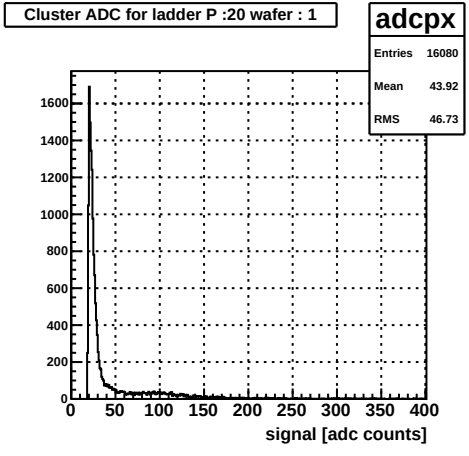

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

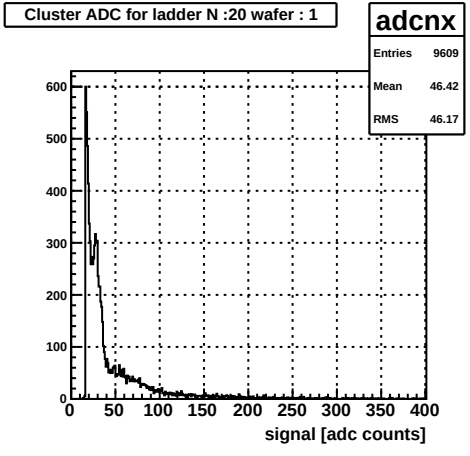

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

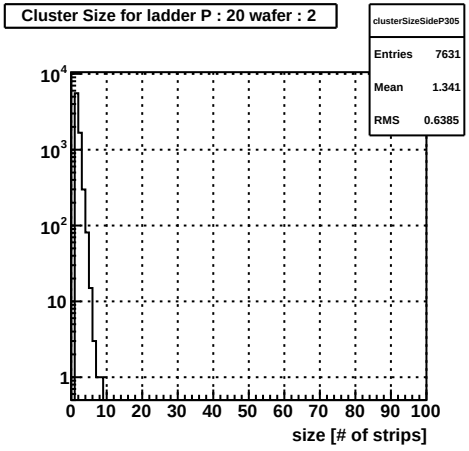

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 16080
Mean 1.14
RMS 0.4361
size [# of strips]

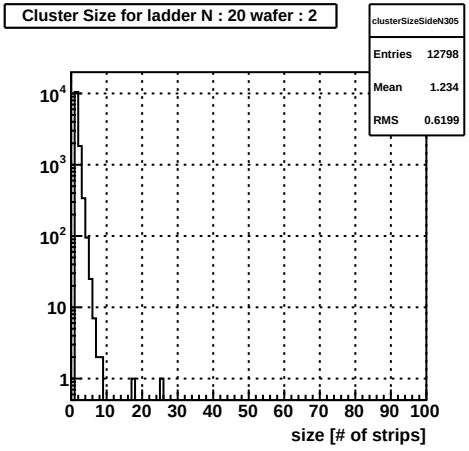

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 9609
Mean 1.5
RMS 1.175
size [# of strips]

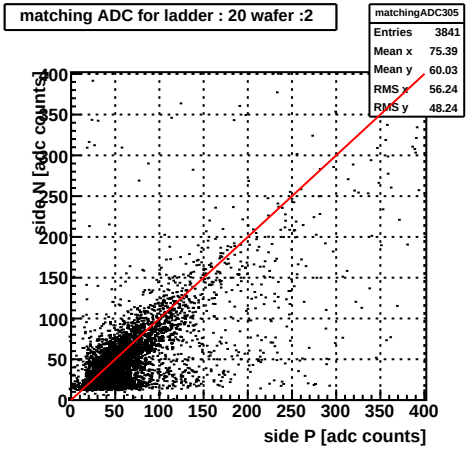

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 2238
Mean x 71.83
Mean y 51.76
RMS x 58.45
RMS y 45.62
side N [adc counts]
side P [adc counts]

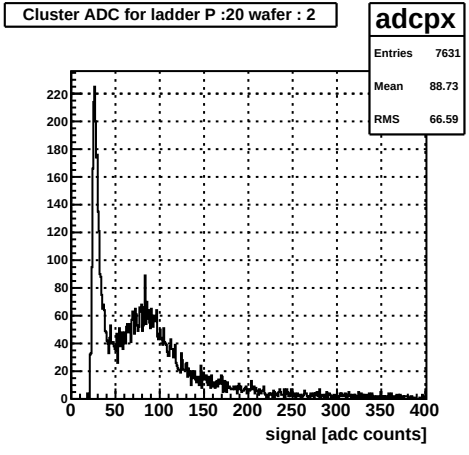

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 16080
Mean 43.92
RMS 46.73
signal [adc counts]

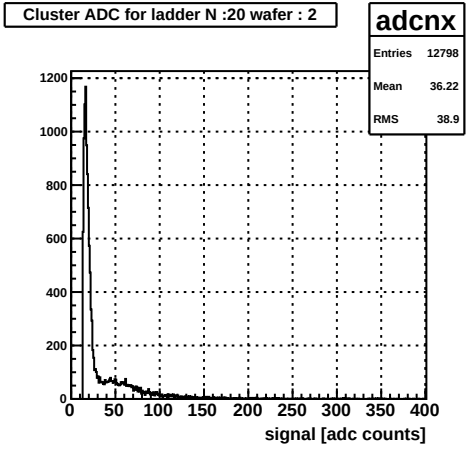

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 9609
Mean 46.42
RMS 46.17
signal [adc counts]

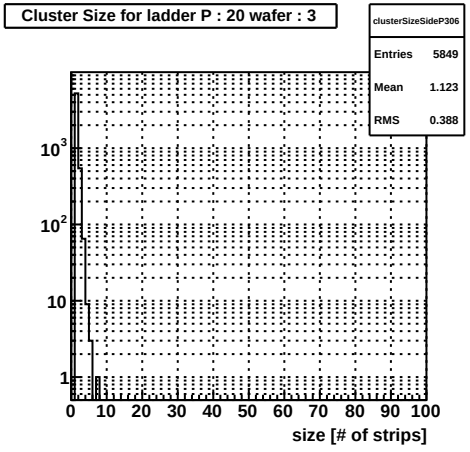

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 7631
Mean 1.341
RMS 0.6385
size [# of strips]

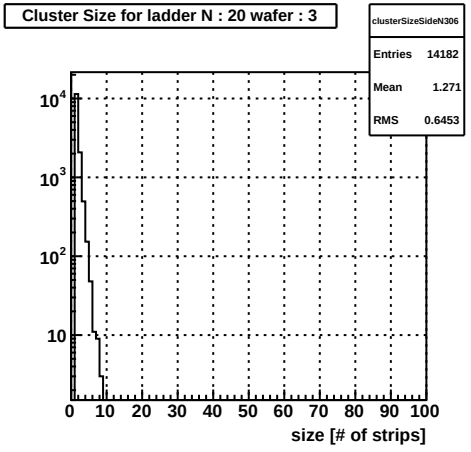

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 12798
Mean 1.234
RMS 0.6199
size [# of strips]

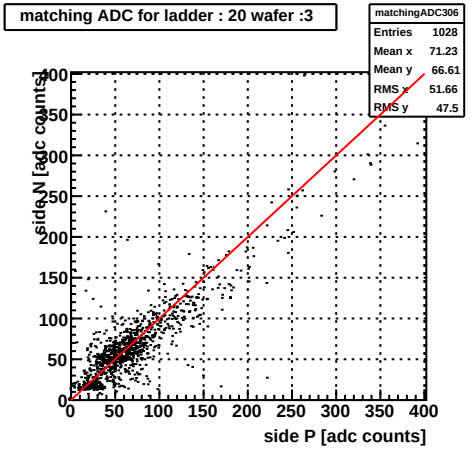

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 3841
Mean x 75.39
Mean y 60.03
RMS x 56.24
RMS y 48.24
side N [adc counts]
side P [adc counts]

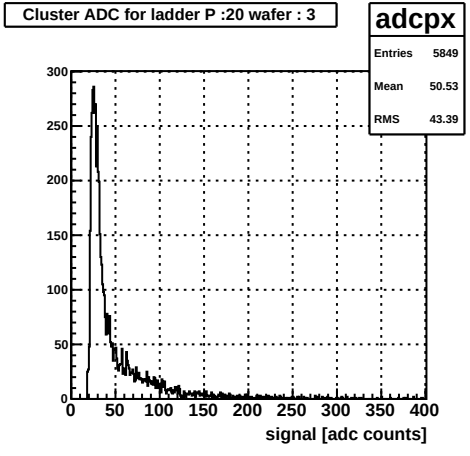

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 7631
Mean 88.73
RMS 66.59
signal [adc counts]

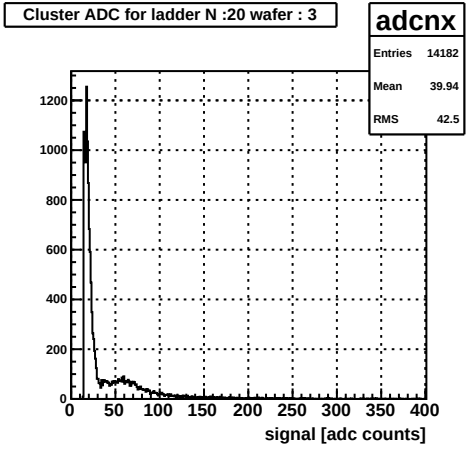

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 12798
Mean 36.22
RMS 38.9
signal [adc counts]

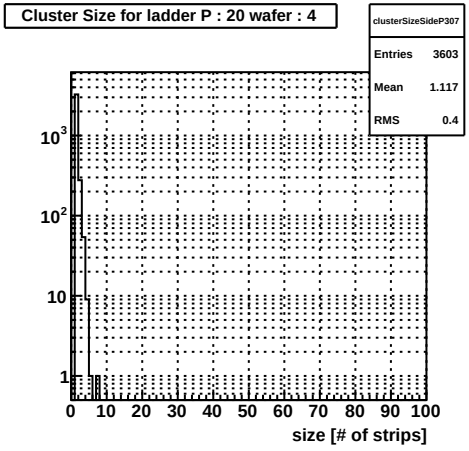

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5849
Mean 1.123
RMS 0.388
size [# of strips]

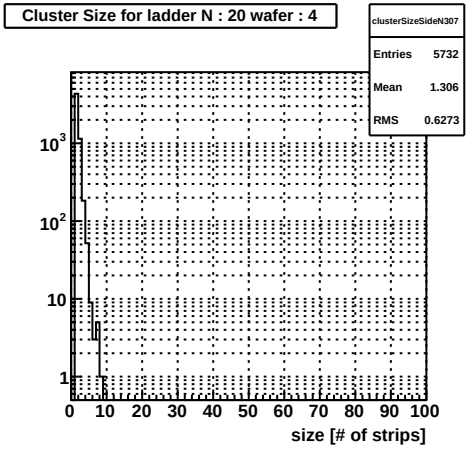

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 14182
Mean 1.271
RMS 0.6453
size [# of strips]

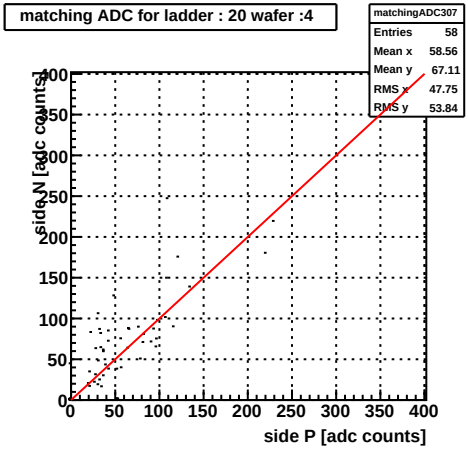

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1028
Mean x 71.23
Mean y 66.61
RMS x 51.66
RMS y 47.5
side N [adc counts]
side P [adc counts]

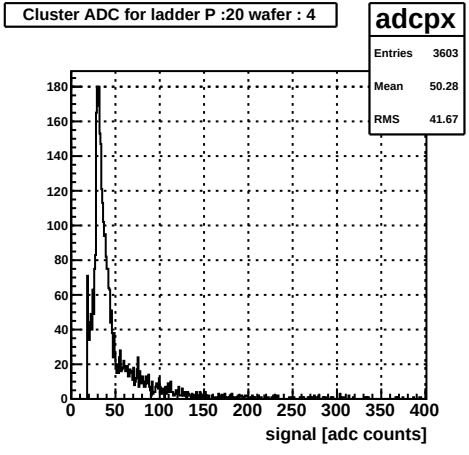

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5849
Mean 50.53
RMS 43.39
signal [adc counts]

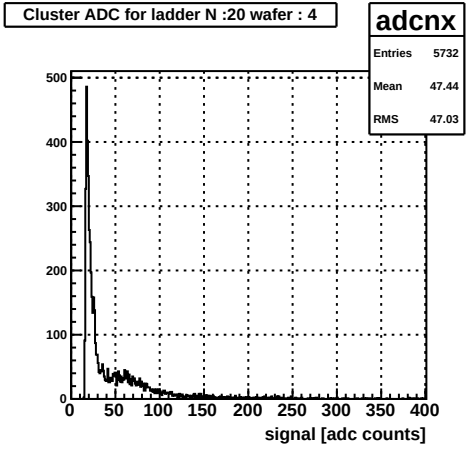

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 14182
Mean 39.94
RMS 42.5
signal [adc counts]

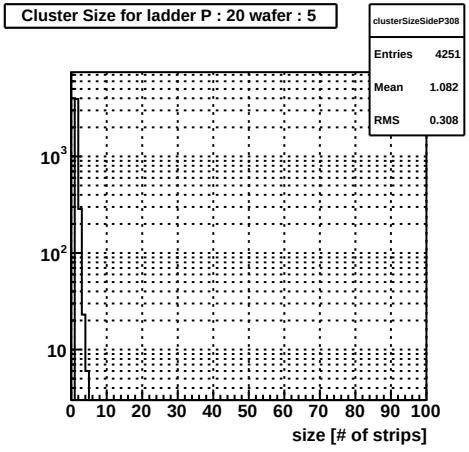

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3603
Mean 1.117
RMS 0.4
size [# of strips]

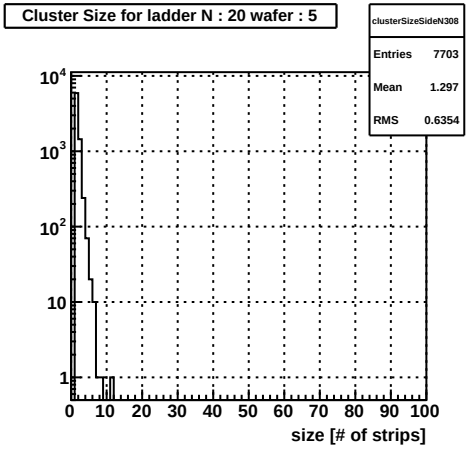

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 5732
Mean 1.306
RMS 0.6273
size [# of strips]

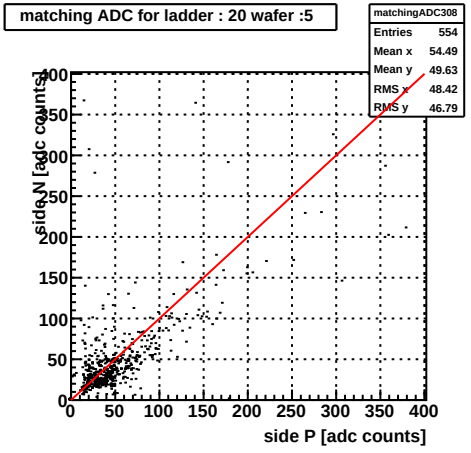

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 58
Mean x 58.56
Mean y 67.11
RMS x 47.75
RMS y 53.84
side N [adc counts]
side P [adc counts]

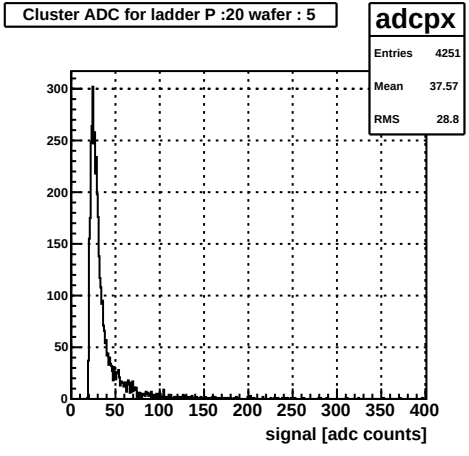

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3603
Mean 50.28
RMS 41.67
signal [adc counts]

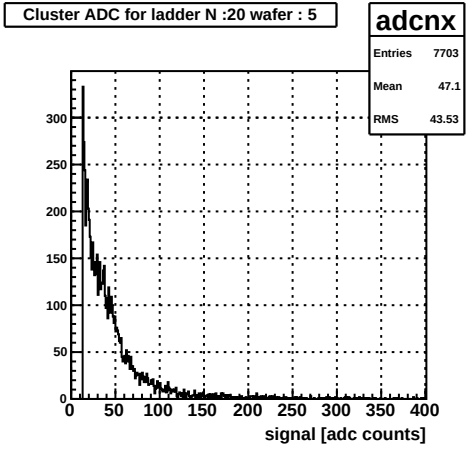

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 5732
Mean 47.44
RMS 47.03
signal [adc counts]

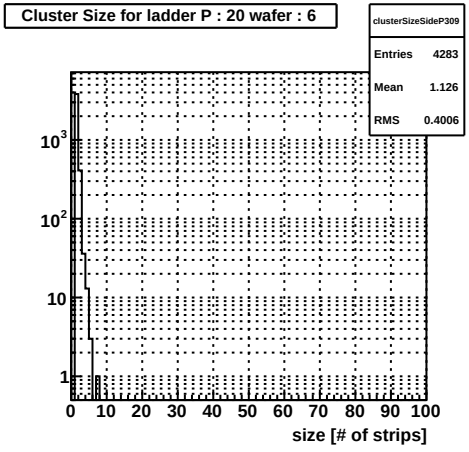

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4251
Mean 1.082
RMS 0.308
size [# of strips]

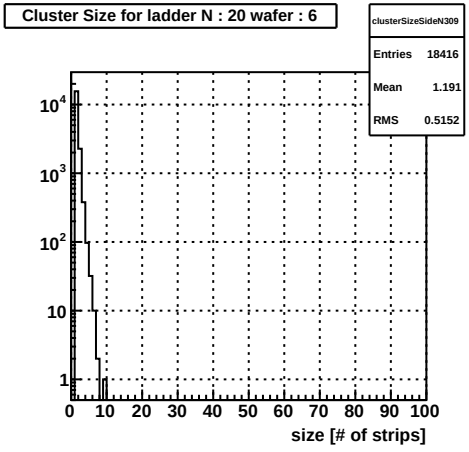

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 7703
Mean 1.297
RMS 0.6354
size [# of strips]

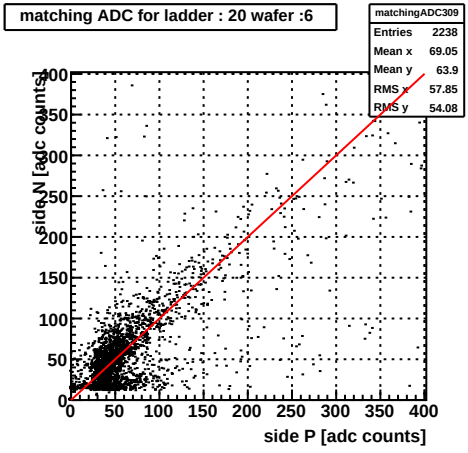

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 554
Mean x 54.49
Mean y 49.63
RMS x 48.42
RMS y 46.79
side N [adc counts]
side P [adc counts]

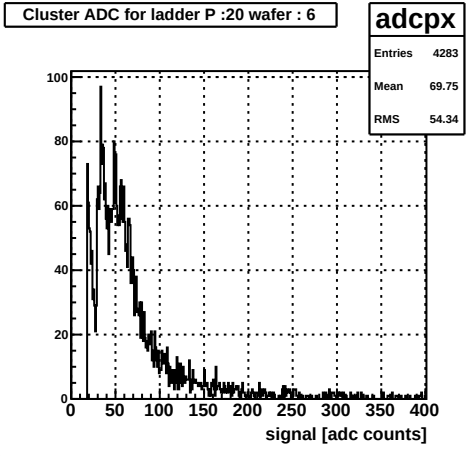

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4251
Mean 37.57
RMS 28.8
signal [adc counts]

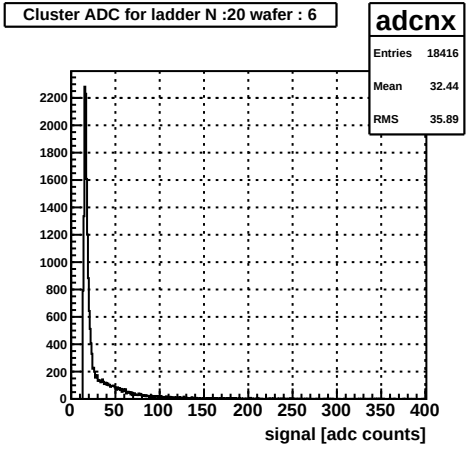

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 7703
Mean 47.1
RMS 43.53
signal [adc counts]

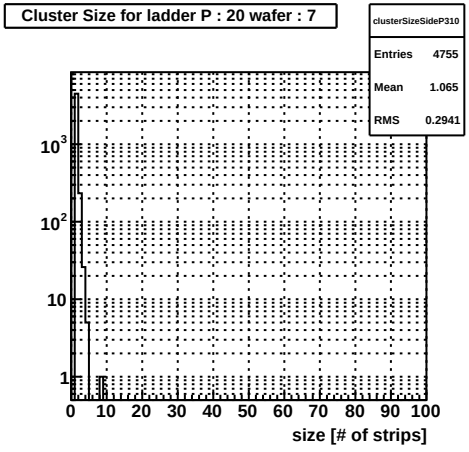

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4283
Mean 1.126
RMS 0.4006
size [# of strips]

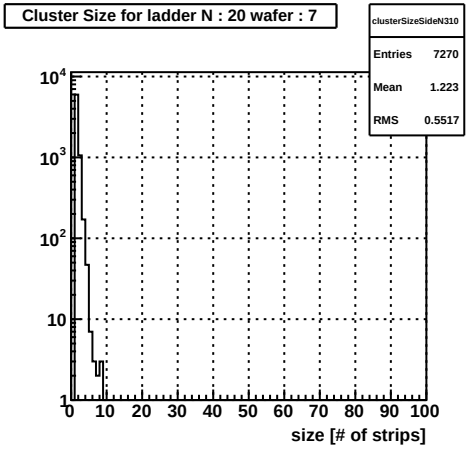

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 18416
Mean 1.191
RMS 0.5152
size [# of strips]

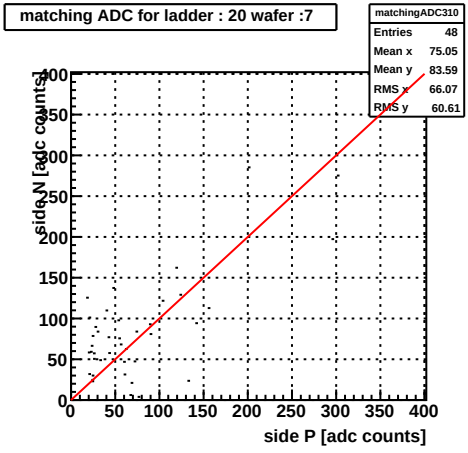

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 2238
Mean x 69.05
Mean y 63.9
RMS x 57.85
RMS y 54.08
side N [adc counts]
side P [adc counts]

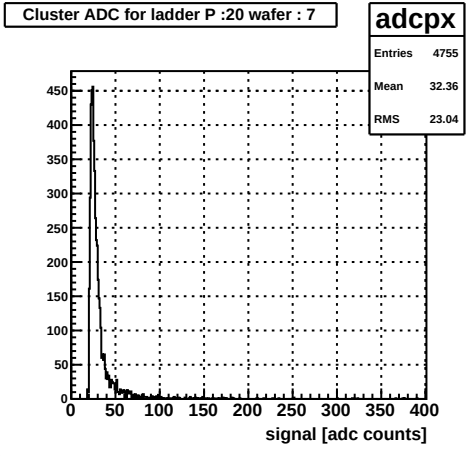

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4283
Mean 69.75
RMS 54.34
signal [adc counts]

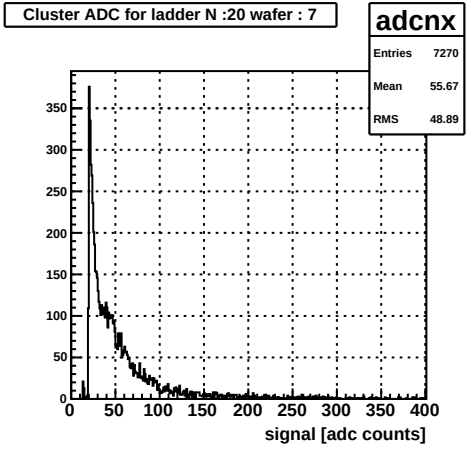

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 18416
Mean 32.44
RMS 35.89
signal [adc counts]

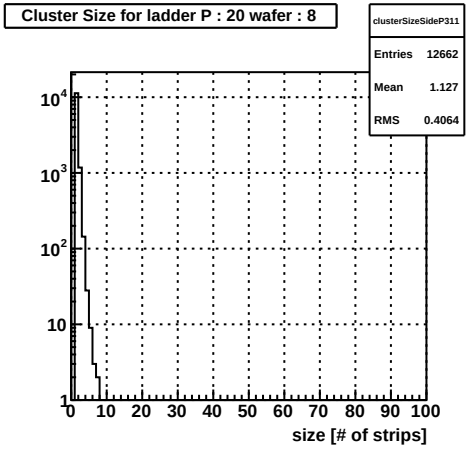

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4755
Mean 1.065
RMS 0.2941
size [# of strips]

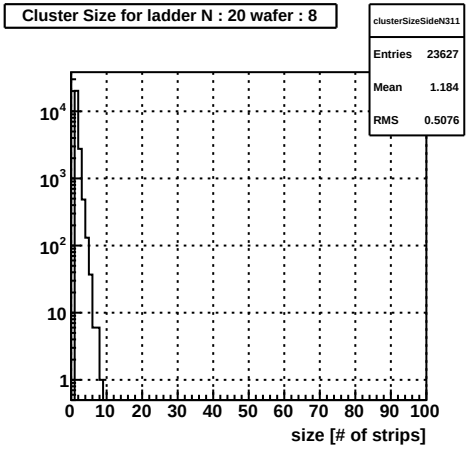

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 7270
Mean 1.223
RMS 0.5517
size [# of strips]

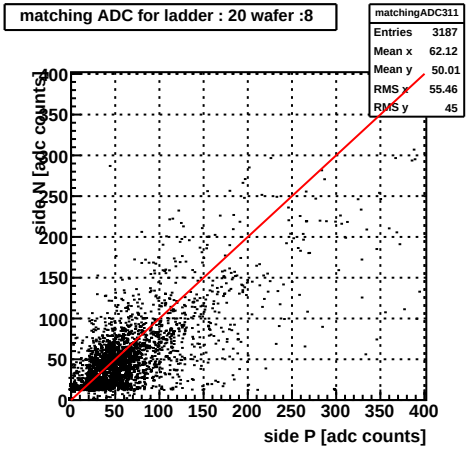

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 48
Mean x 75.05
Mean y 83.59
RMS x 66.07
RMS y 60.61
side N [adc counts]
side P [adc counts]

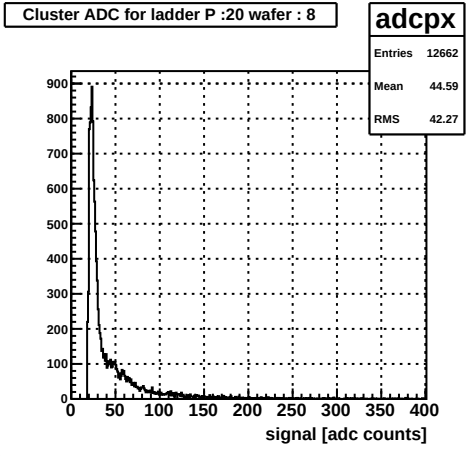

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4755
Mean 32.36
RMS 23.04
signal [adc counts]

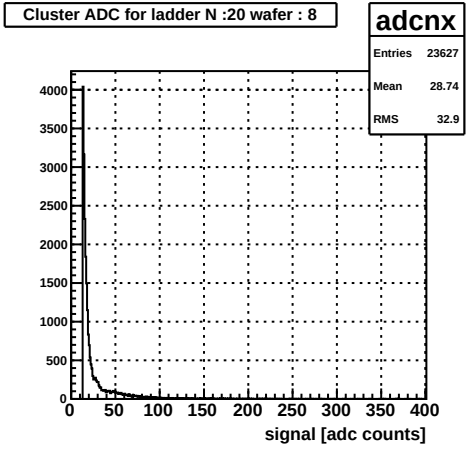

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 7270
Mean 55.67
RMS 48.89
signal [adc counts]

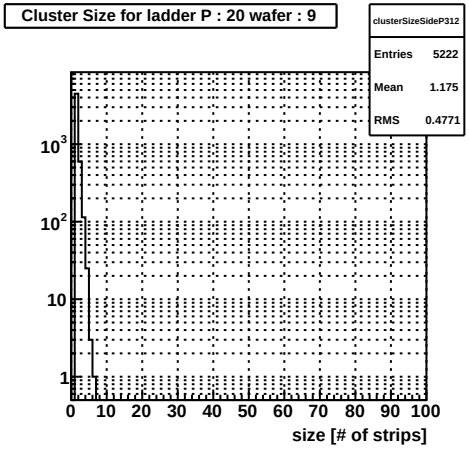

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 12662
Mean 1.127
RMS 0.4064
size [# of strips]

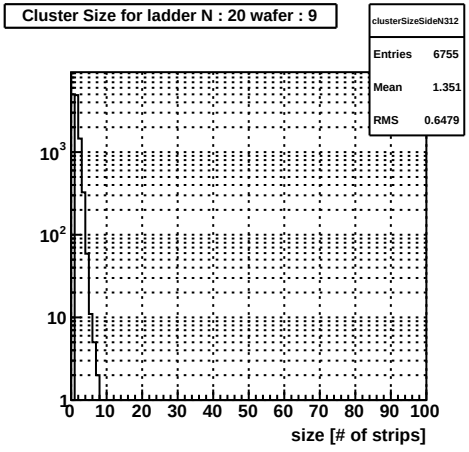

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 23627
Mean 1.184
RMS 0.5076
size [# of strips]

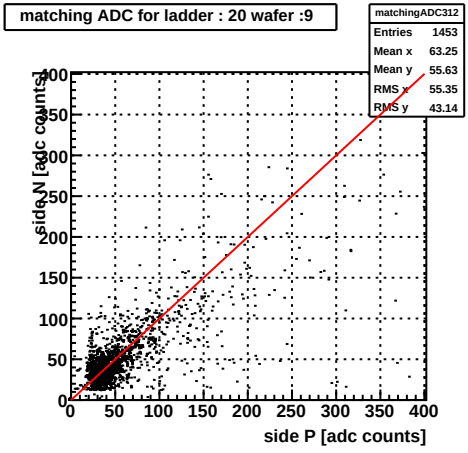

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3187
Mean x 62.12
Mean y 50.01
RMS x 55.46
RMS y 45
side N [adc counts]
side P [adc counts]

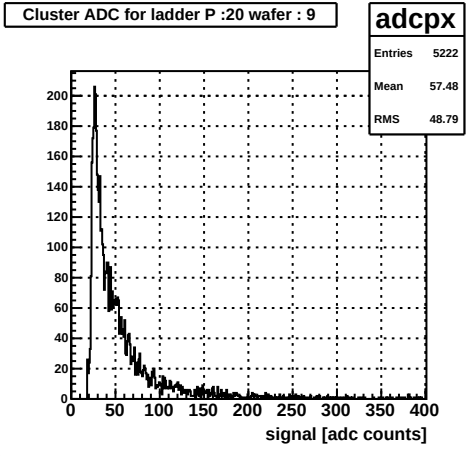

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 12662
Mean 44.59
RMS 42.27
signal [adc counts]

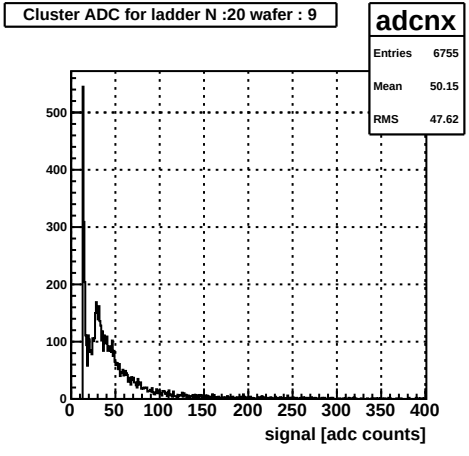

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 23627
Mean 28.74
RMS 32.9
signal [adc counts]

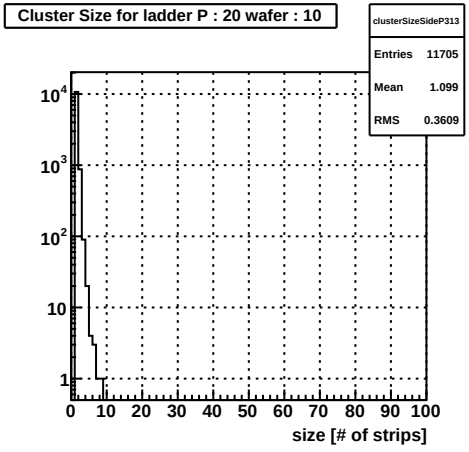

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5222
Mean 1.175
RMS 0.4771
size [# of strips]

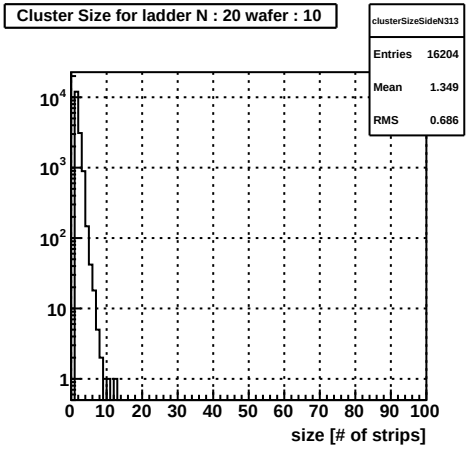

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 6755
Mean 1.351
RMS 0.6479
size [# of strips]

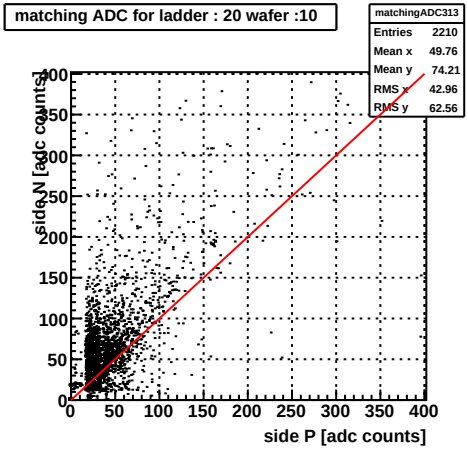

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1453
Mean x 63.25
Mean y 55.63
RMS x 55.35
RMS y 43.14
side N [adc counts]
side P [adc counts]

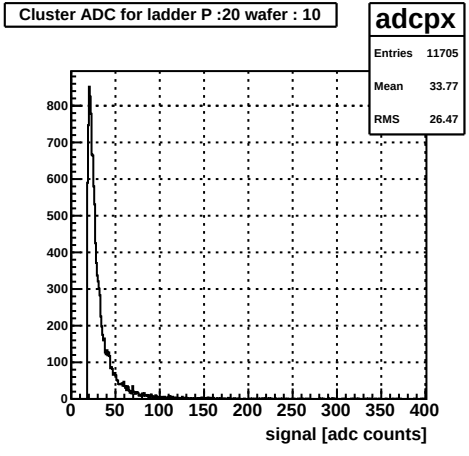

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5222
Mean 57.48
RMS 48.79
signal [adc counts]

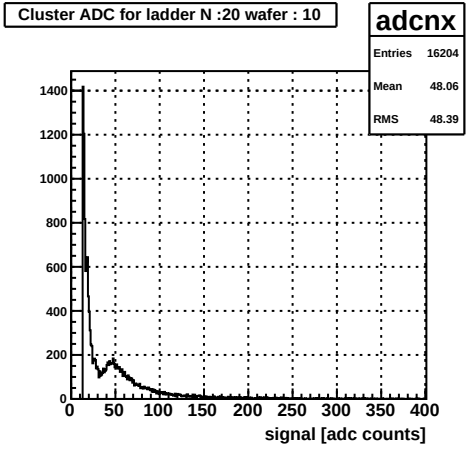

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 6755
Mean 50.15
RMS 47.62
signal [adc counts]

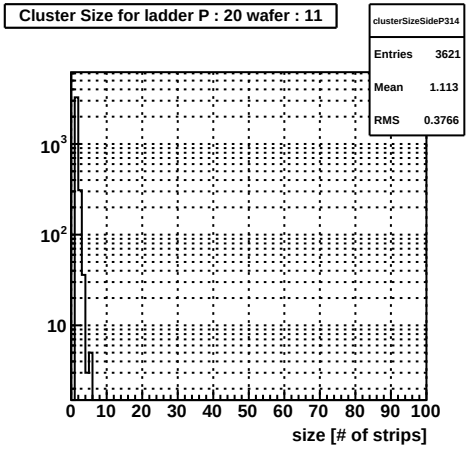

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11705
Mean 1.099
RMS 0.3609
size [# of strips]

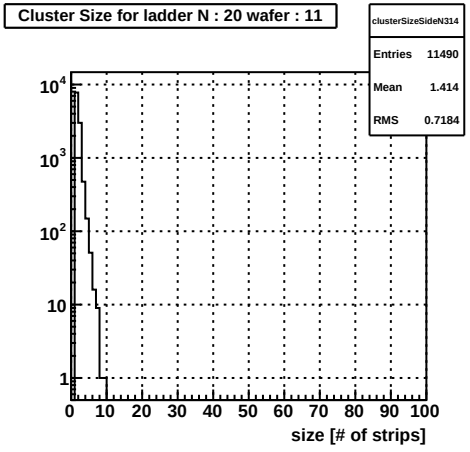

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 16204
Mean 1.349
RMS 0.686
size [# of strips]

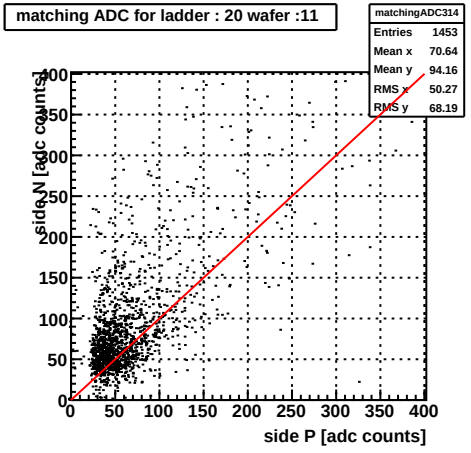

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 2210
Mean x 49.76
Mean y 74.21
RMS x 42.96
RMS y 62.56
side N [adc counts]
side P [adc counts]

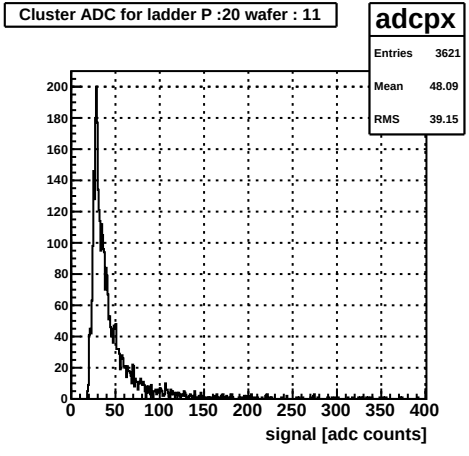

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11705
Mean 33.77
RMS 26.47
signal [adc counts]

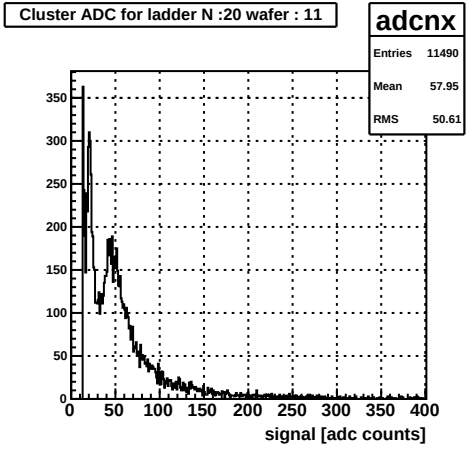

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 16204
Mean 48.06
RMS 48.39
signal [adc counts]

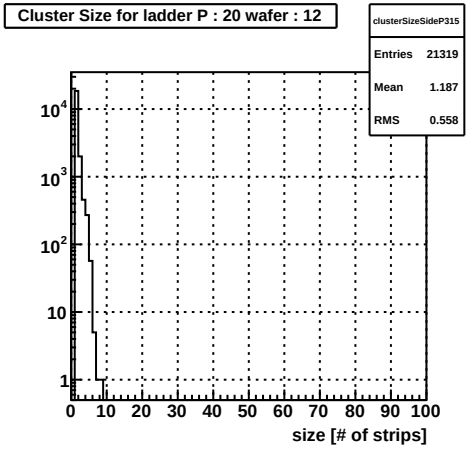

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3621
Mean 1.113
RMS 0.3766
size [# of strips]

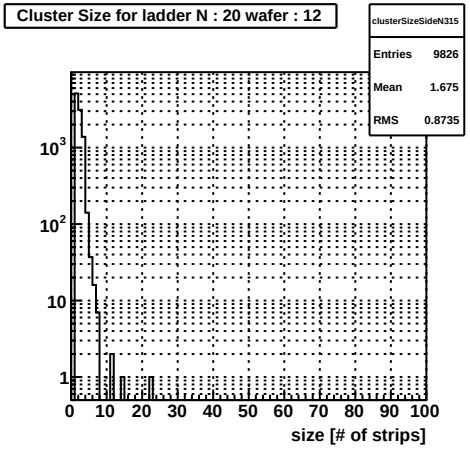

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 11490
Mean 1.414
RMS 0.7184
size [# of strips]

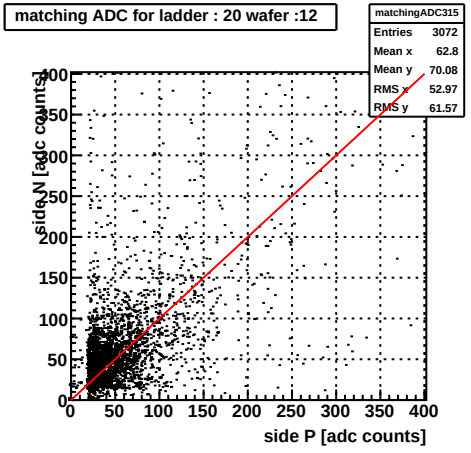

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1453
Mean x 70.64
Mean y 94.16
RMS x 50.27
RMS y 68.19
side N [adc counts]
side P [adc counts]

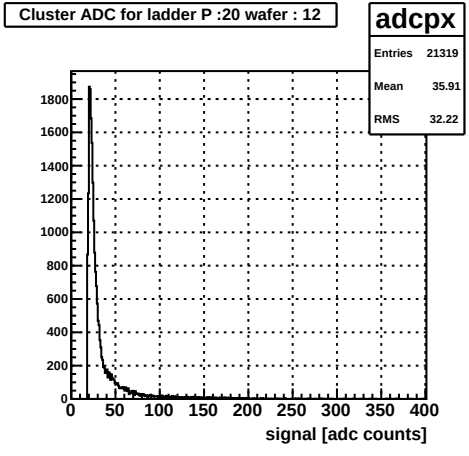

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3621
Mean 48.09
RMS 39.15
signal [adc counts]

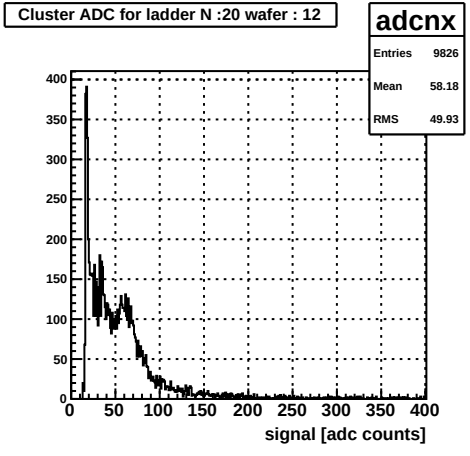

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 11490
Mean 57.95
RMS 50.61
signal [adc counts]

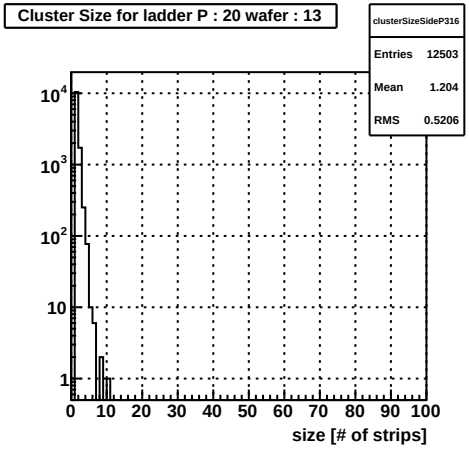

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 21319
Mean 1.187
RMS 0.558
size [# of strips]

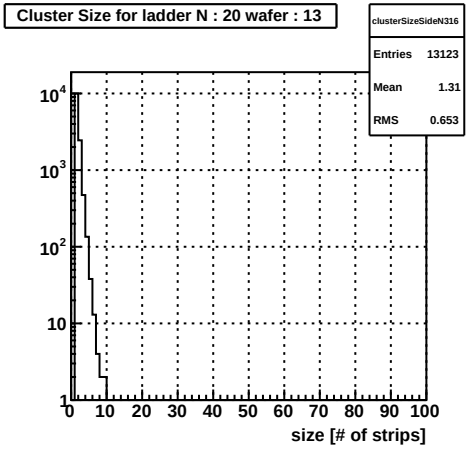

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 9826
Mean 1.675
RMS 0.8735
size [# of strips]

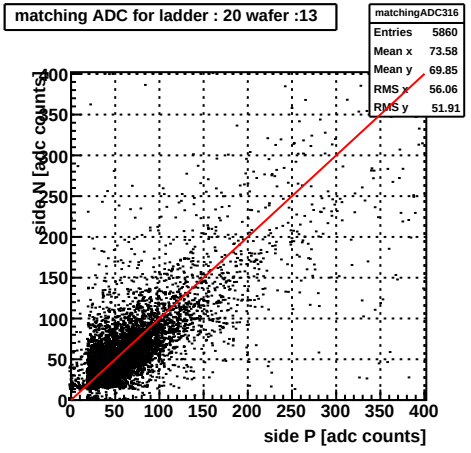

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3072
Mean x 62.8
Mean y 70.08
RMS x 52.97
RMS y 61.57
side N [adc counts]
side P [adc counts]

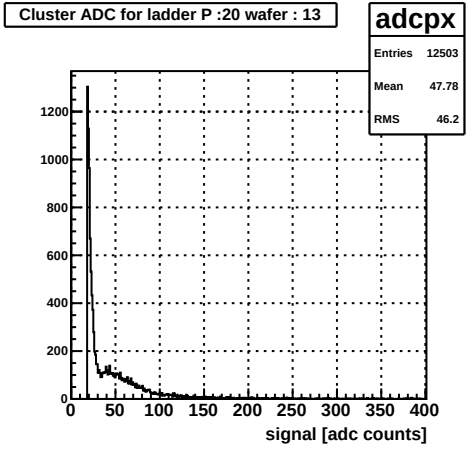

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 21319
Mean 35.91
RMS 32.22
signal [adc counts]

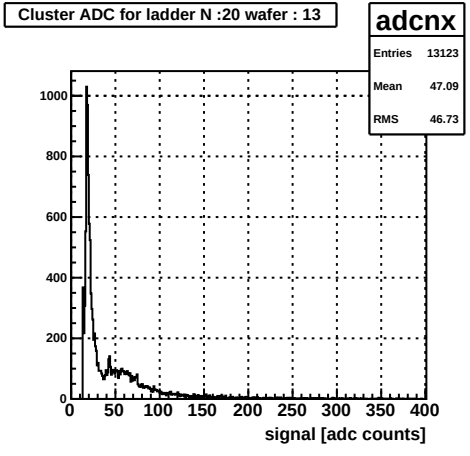

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 9826
Mean 58.18
RMS 49.93
signal [adc counts]

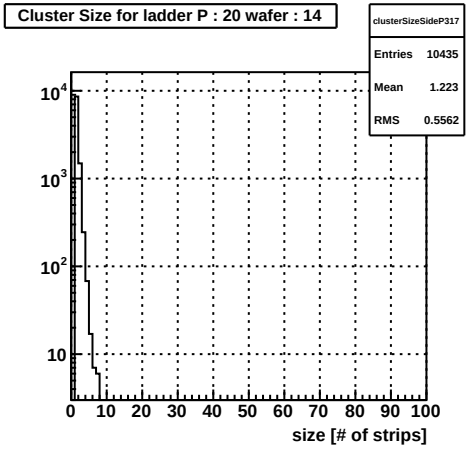

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 12503
Mean 1.204
RMS 0.5206
size [# of strips]

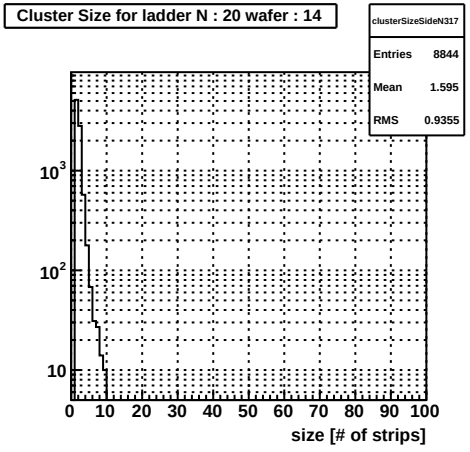

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 13123
Mean 1.31
RMS 0.653
size [# of strips]

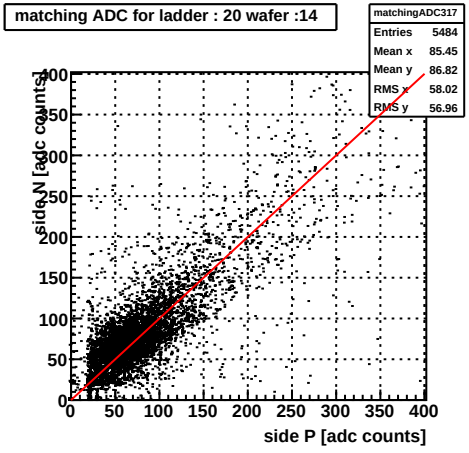

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 5860
Mean x 73.58
Mean y 69.85
RMS x 56.06
RMS y 51.91
side N [adc counts]
side P [adc counts]

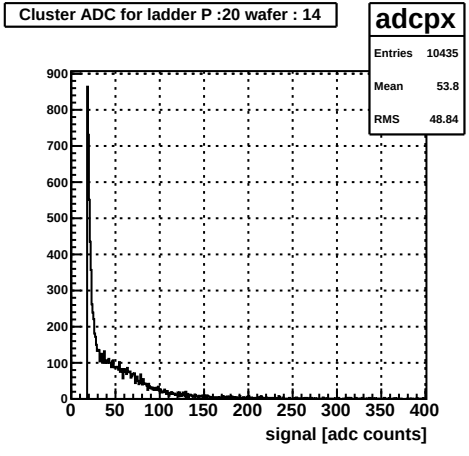

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 12503
Mean 47.78
RMS 46.2
signal [adc counts]

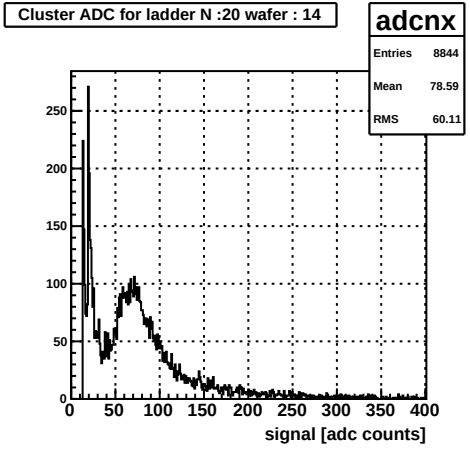

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 13123
Mean 47.09
RMS 46.73
signal [adc counts]

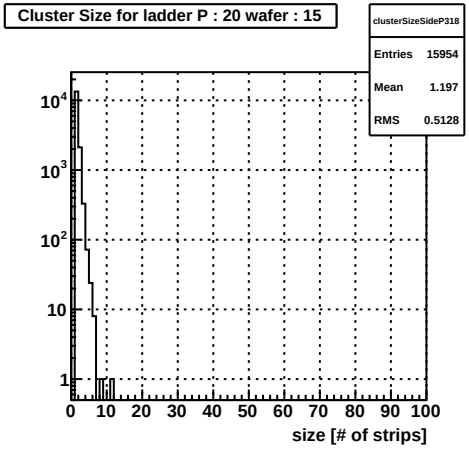

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 10435
Mean 1.223
RMS 0.5562
size [# of strips]

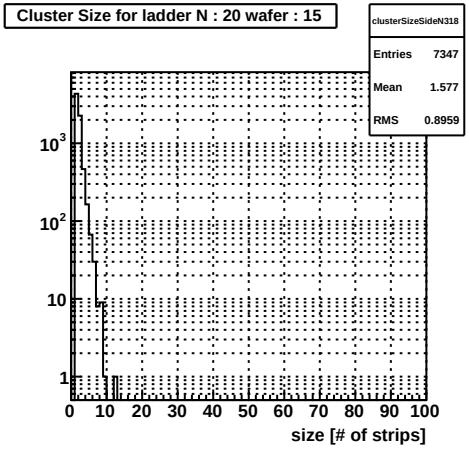

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 8844
Mean 1.595
RMS 0.9355
size [# of strips]

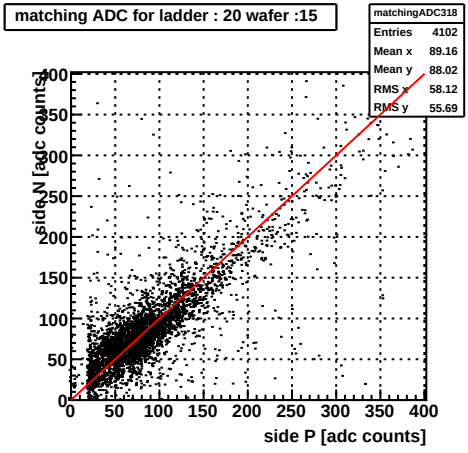

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 5484
Mean x 85.45
Mean y 86.82
RMS x 58.02
RMS y 56.96
side N [adc counts]
side P [adc counts]

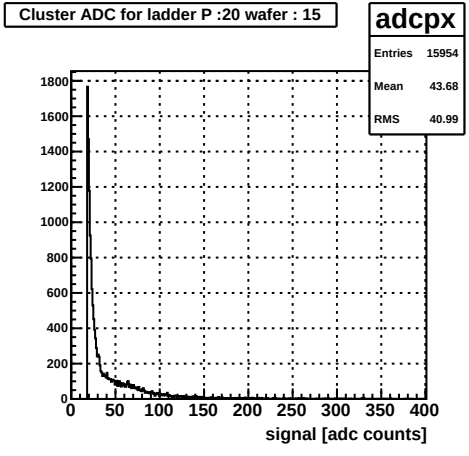

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 10435
Mean 53.8
RMS 48.84
signal [adc counts]

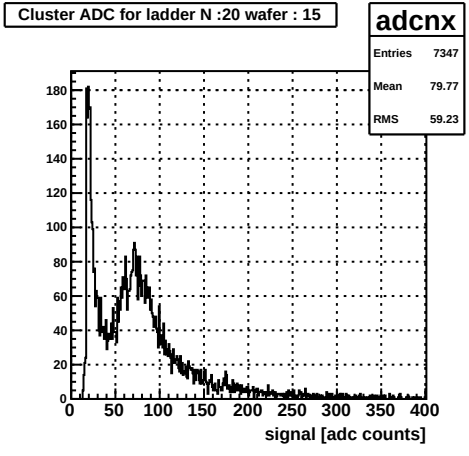

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 8844
Mean 78.59
RMS 60.11
signal [adc counts]

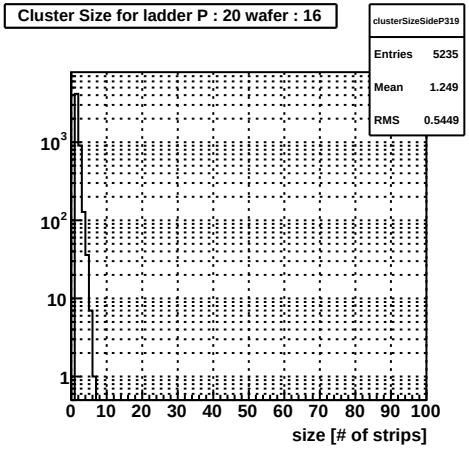

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 15954
Mean 1.197
RMS 0.5128
size [# of strips]

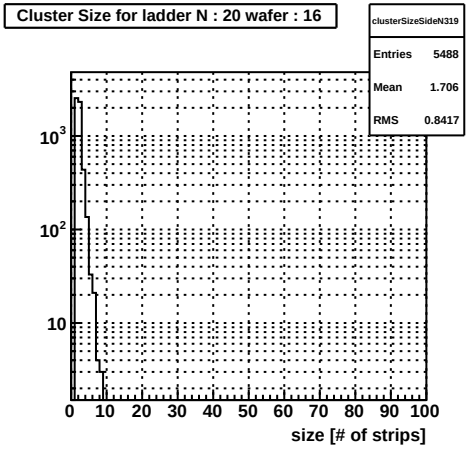

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 7347
Mean 1.577
RMS 0.8959
size [# of strips]

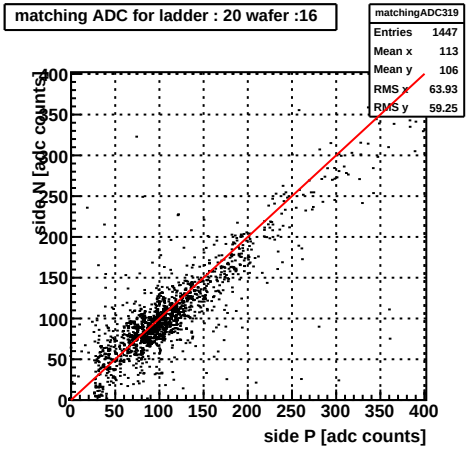

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 4102
Mean x 89.16
Mean y 88.02
RMS x 58.12
RMS y 55.69
side N [adc counts]
side P [adc counts]

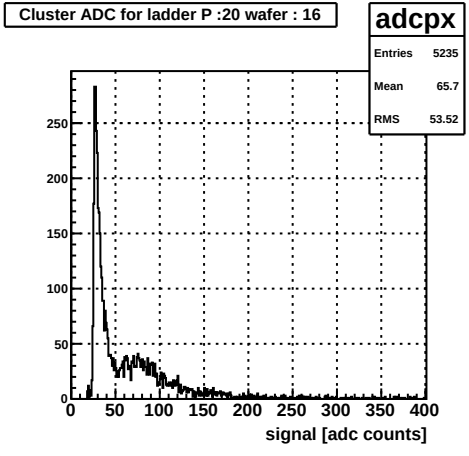

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 15954
Mean 43.68
RMS 40.99
signal [adc counts]

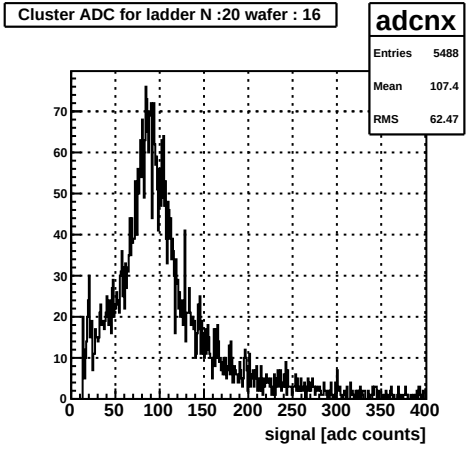

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 7347
Mean 79.77
RMS 59.23
signal [adc counts]

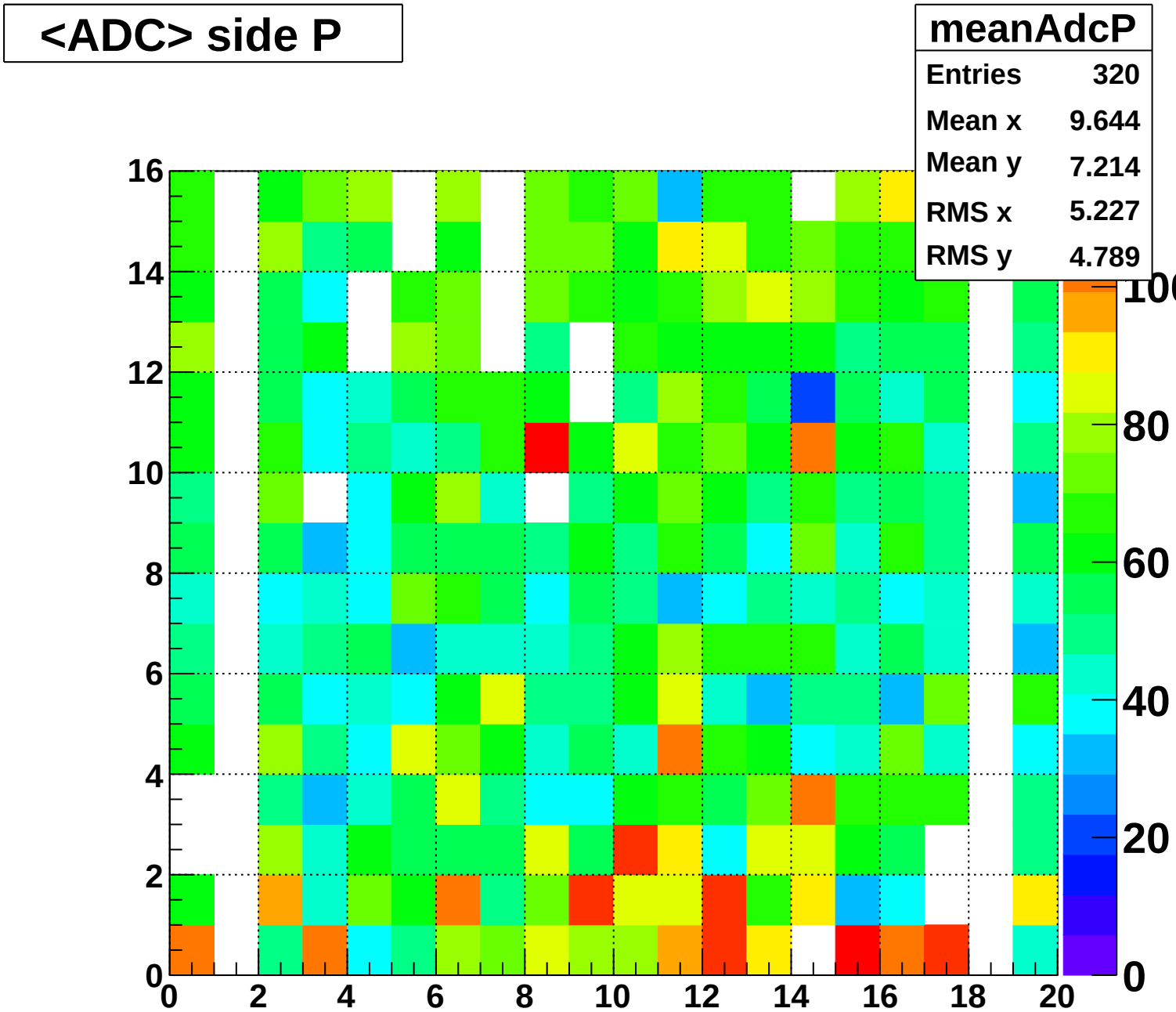

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 5235
Mean 1.249
RMS 0.5449
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5488
Mean 1.706
RMS 0.8417
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 1447
Mean x 113
Mean y 106
RMS x 63.93
RMS y 59.25
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 5235
Mean 65.7
RMS 53.52
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5488
Mean 107.4
RMS 62.47
signal [adc counts]

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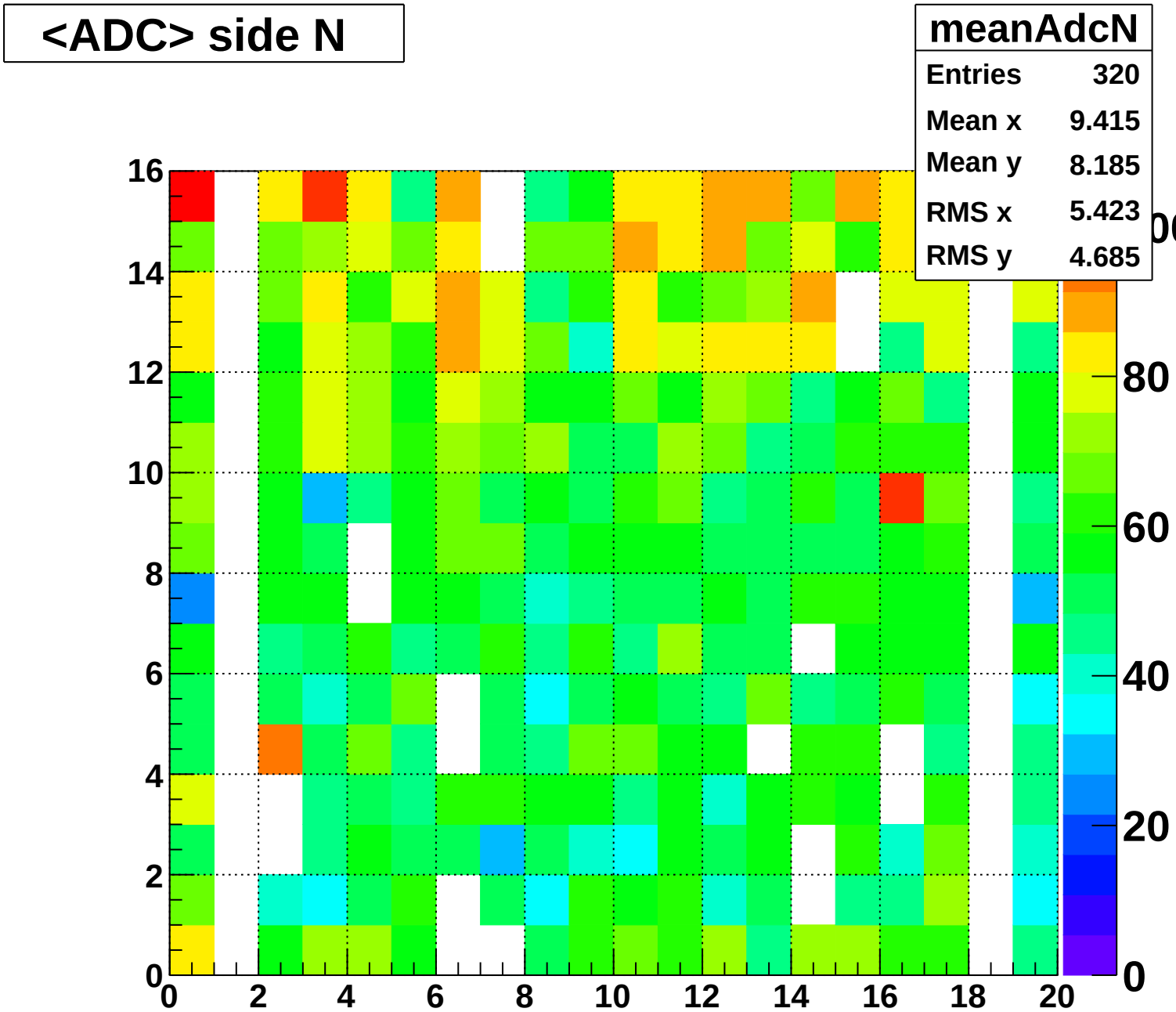


2016-06-23 09:57:22