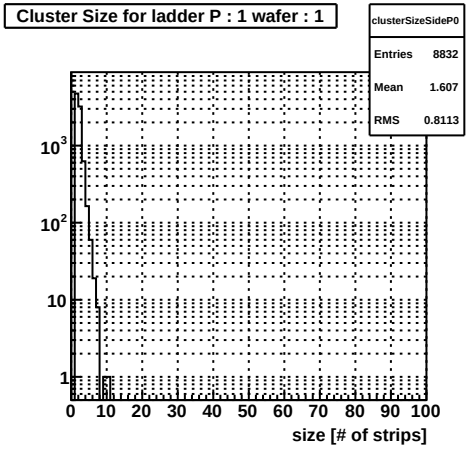
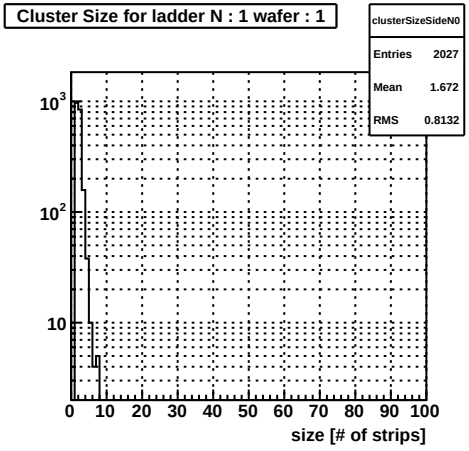
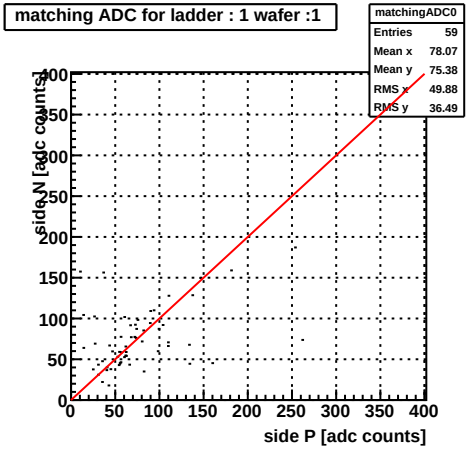
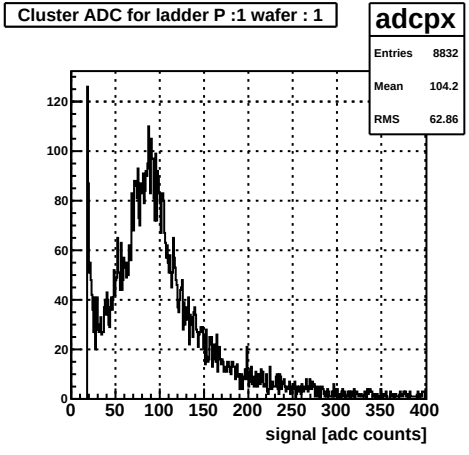
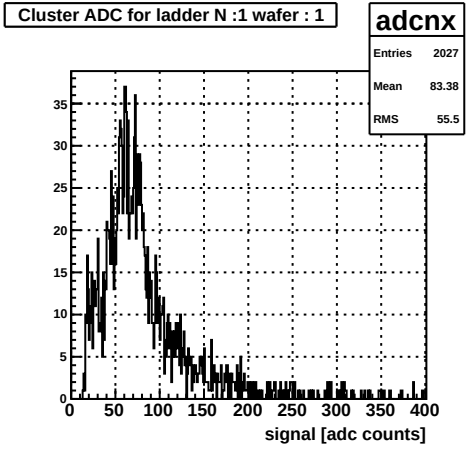
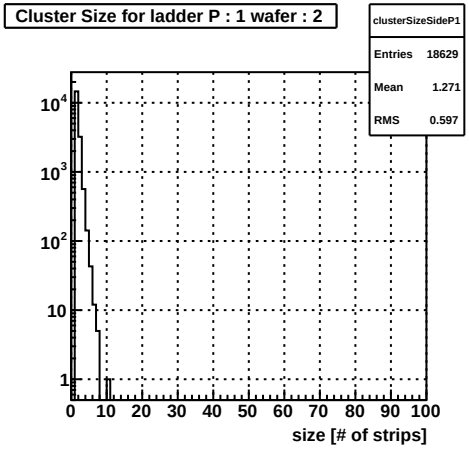

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8832
Mean 1.607
RMS 0.8113
size [# of strips]

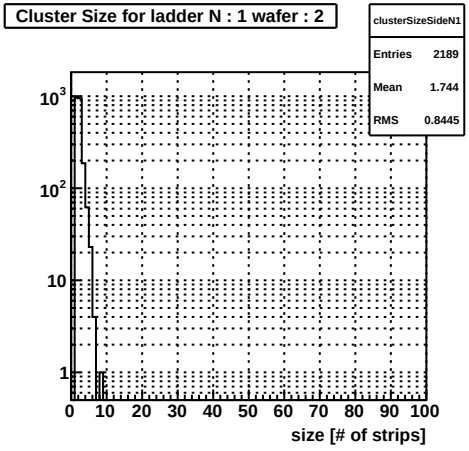

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2027
Mean 1.672
RMS 0.8132
size [# of strips]

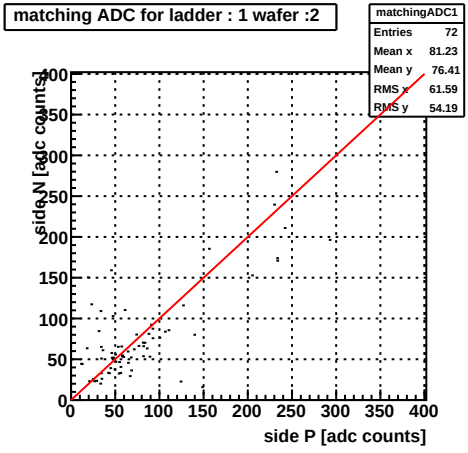

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 59
Mean x 78.07
Mean y 75.38
RMS x 49.88
RMS y 36.49
side N [adc counts]
side P [adc counts]

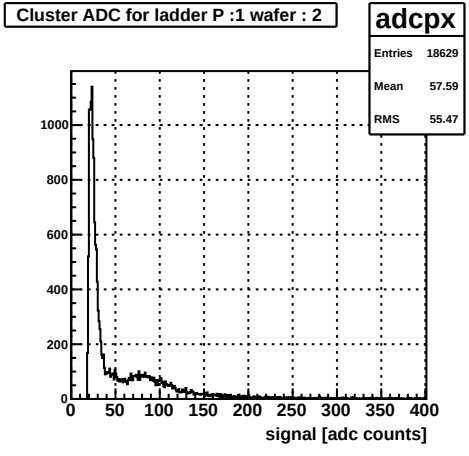

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8832
Mean 104.2
RMS 62.86
signal [adc counts]

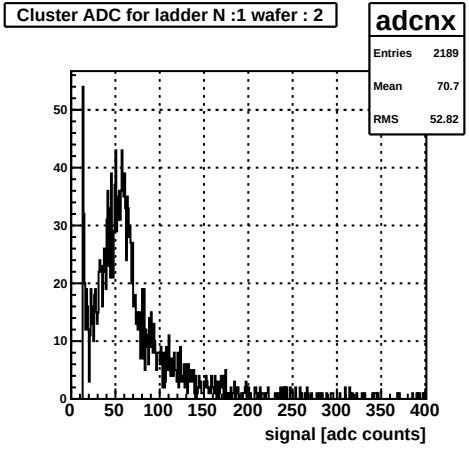

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2027
Mean 83.38
RMS 55.5
signal [adc counts]

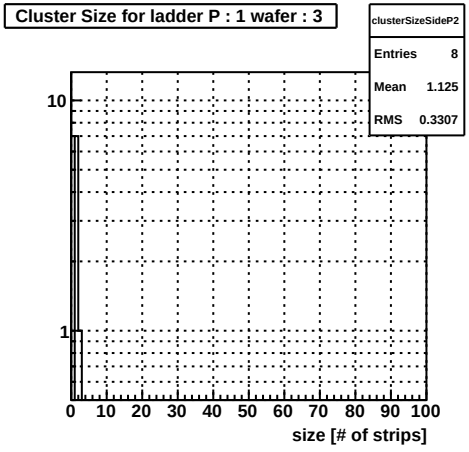

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 18629
Mean 1.271
RMS 0.597
size [# of strips]

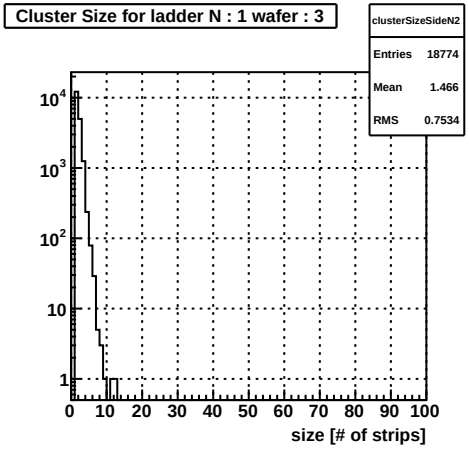

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2189
Mean 1.744
RMS 0.8445
size [# of strips]

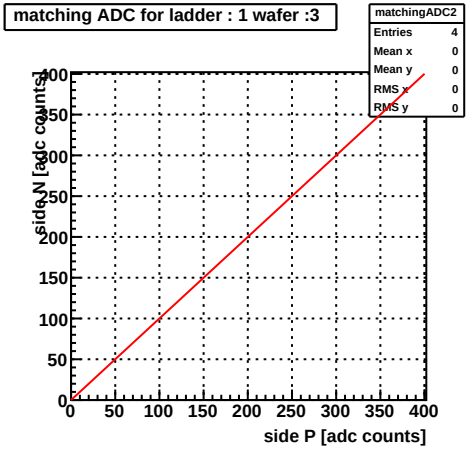

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 72
Mean x 81.23
Mean y 76.41
RMS x 61.59
RMS y 54.19
side N [adc counts]
side P [adc counts]

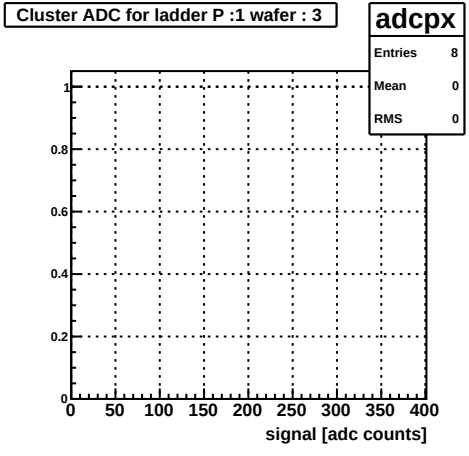

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 18629
Mean 57.59
RMS 55.47
signal [adc counts]

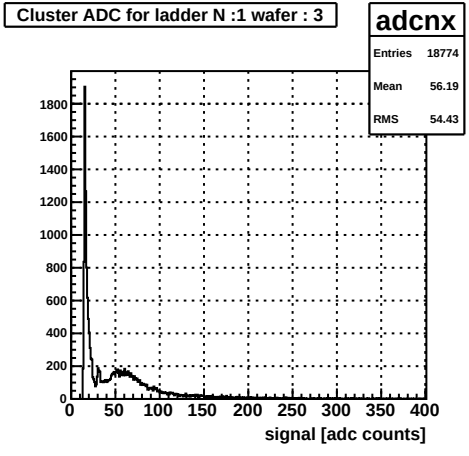

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2189
Mean 70.7
RMS 52.82
signal [adc counts]

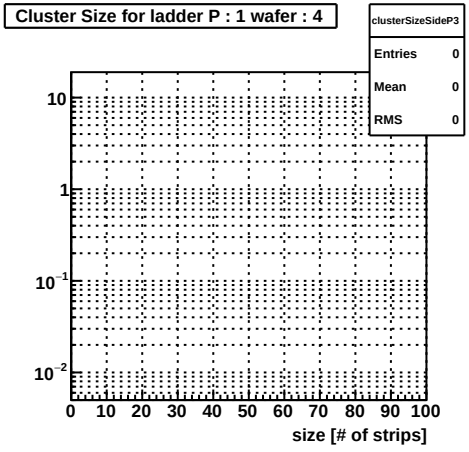

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

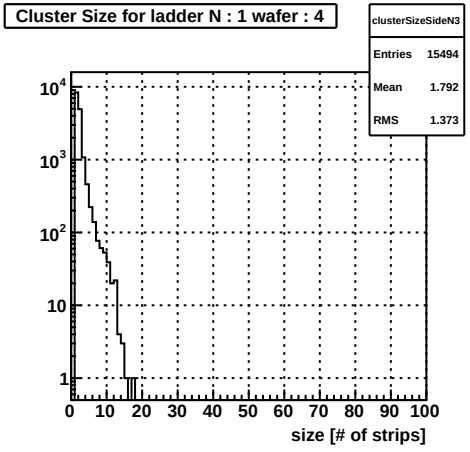

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 18774
Mean 1.466
RMS 0.7534
size [# of strips]

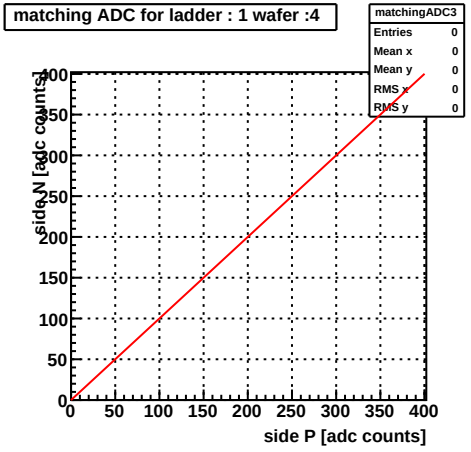

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

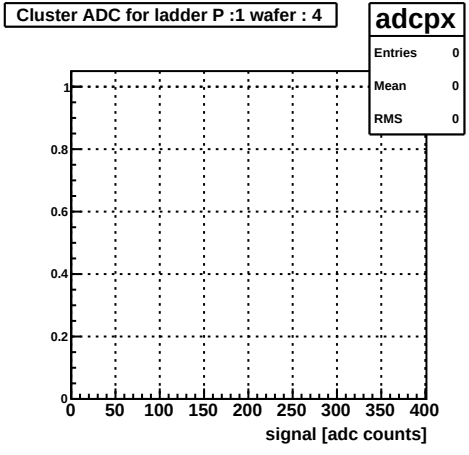

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

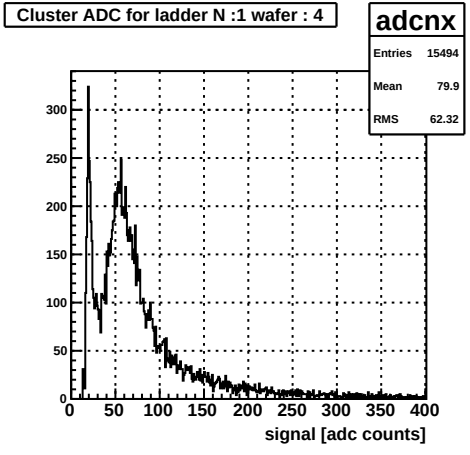

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 18774
Mean 56.19
RMS 54.43
signal [adc counts]

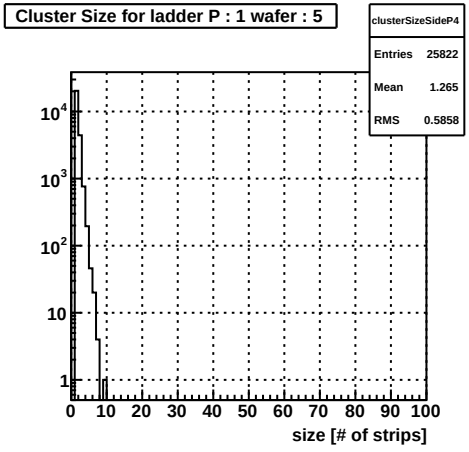

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

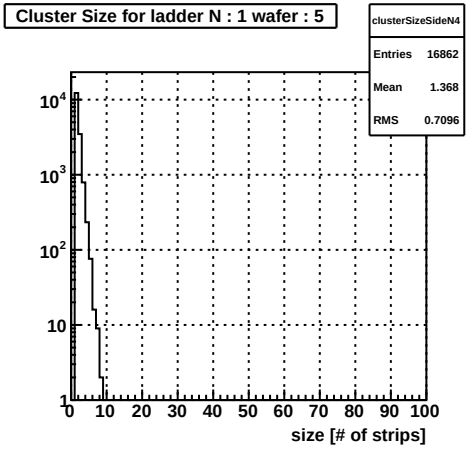

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 15494
Mean 1.792
RMS 1.373
size [# of strips]

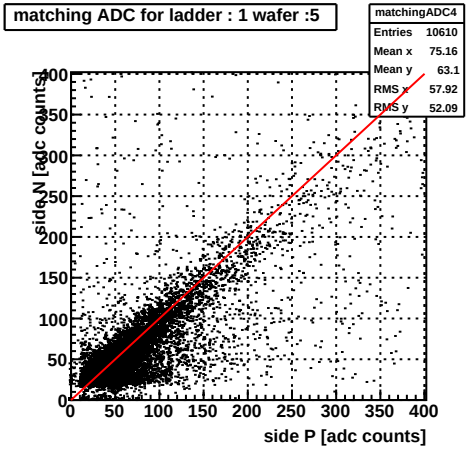

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

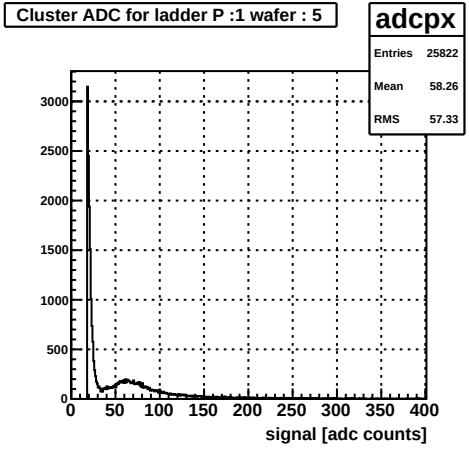

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

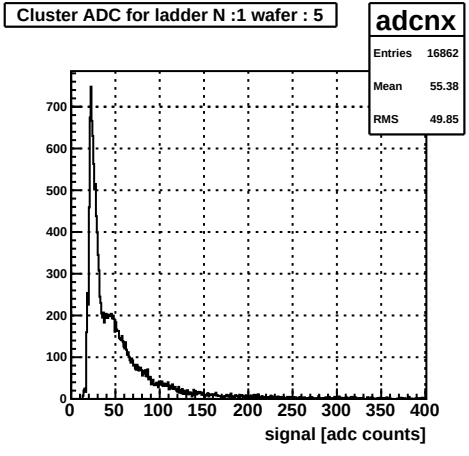

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 15494
Mean 79.9
RMS 62.32
signal [adc counts]

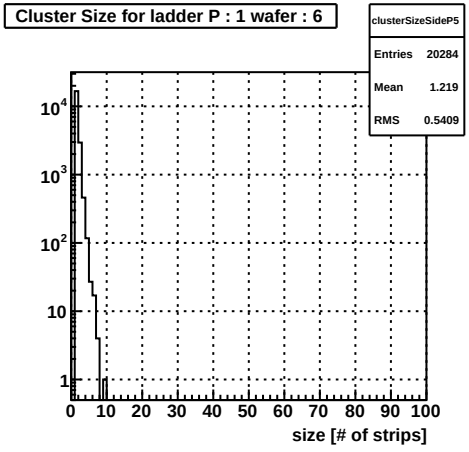

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25822
Mean 1.265
RMS 0.5858
size [# of strips]

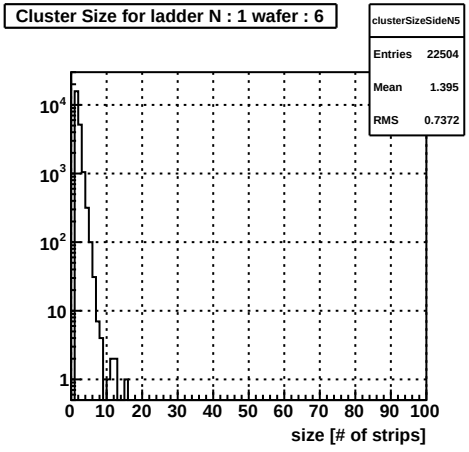

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 16862
Mean 1.368
RMS 0.7096
size [# of strips]

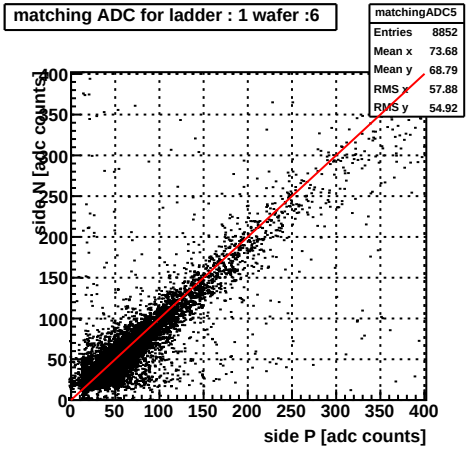

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10610
Mean x 75.16
Mean y 63.1
RMS x 57.92
RMS y 52.09
side N [adc counts]
side P [adc counts]

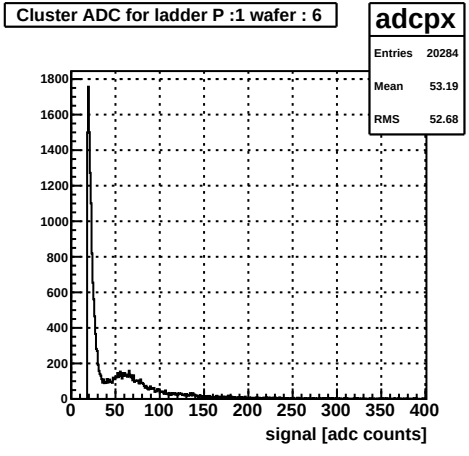

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25822
Mean 58.26
RMS 57.33
signal [adc counts]

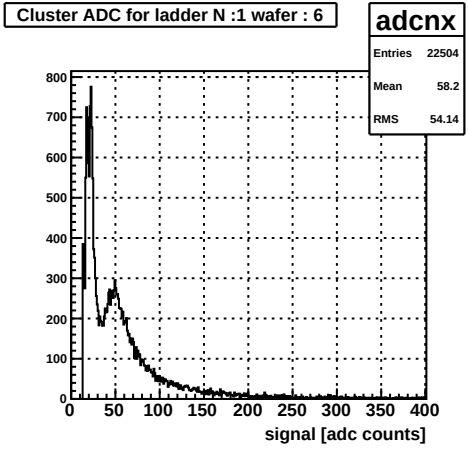

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 16862
Mean 55.38
RMS 49.85
signal [adc counts]

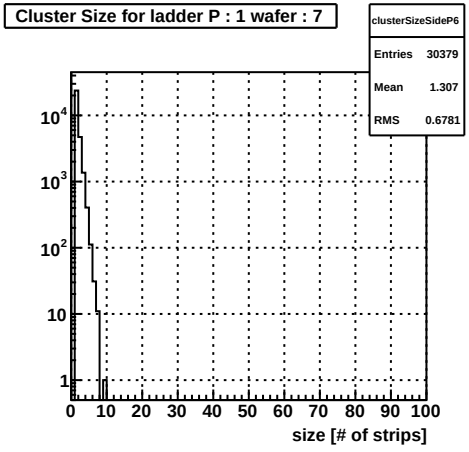

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 20284
Mean 1.219
RMS 0.5409
size [# of strips]

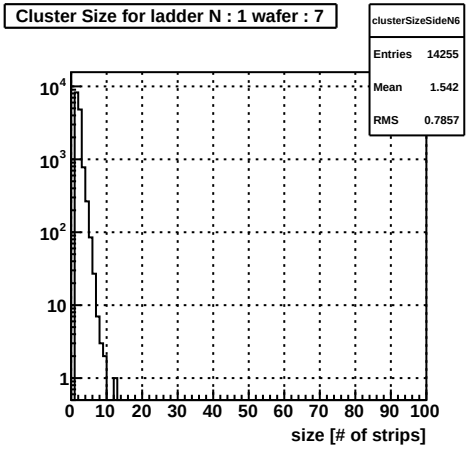

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 22504
Mean 1.395
RMS 0.7372
size [# of strips]

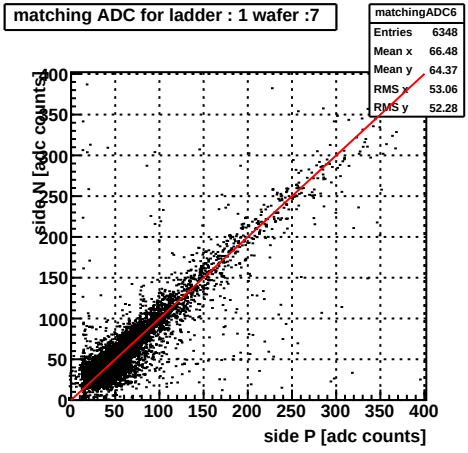

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 8852
Mean x 73.68
Mean y 68.79
RMS x 57.88
RMS y 54.92
side N [adc counts]
side P [adc counts]

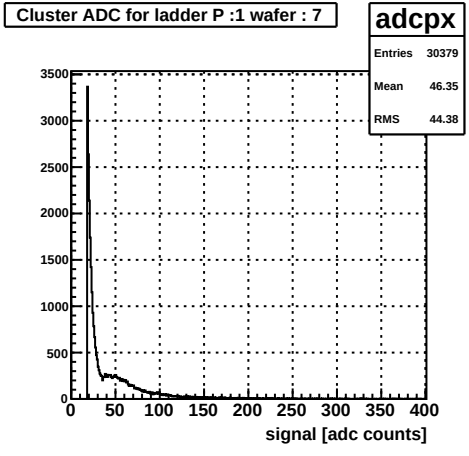

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 20284
Mean 53.19
RMS 52.68
signal [adc counts]

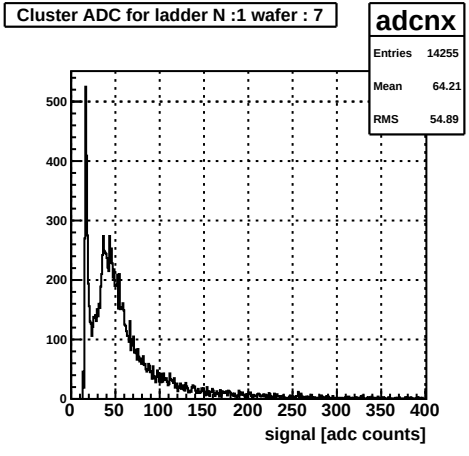

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 22504
Mean 58.2
RMS 54.14
signal [adc counts]

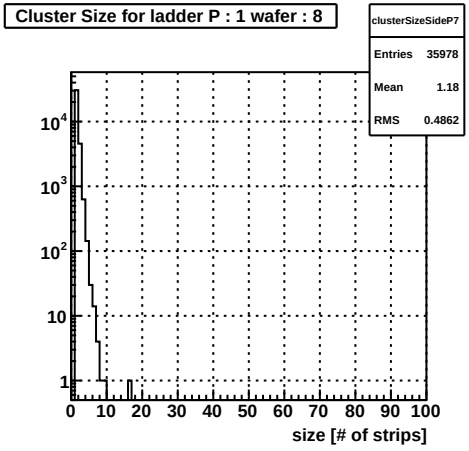

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 30379
Mean 1.307
RMS 0.6781
size [# of strips]

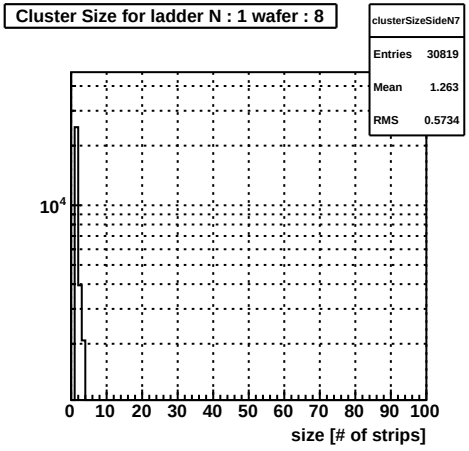

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 14255
Mean 1.542
RMS 0.7857
size [# of strips]

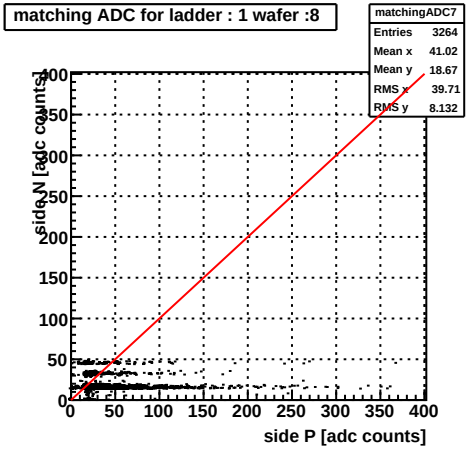

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6348
Mean x 66.48
Mean y 64.37
RMS x 53.06
RMS y 52.28
side N [adc counts]
side P [adc counts]

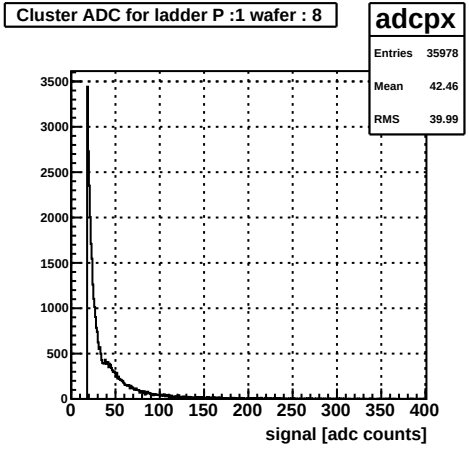

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 30379
Mean 46.35
RMS 44.38
signal [adc counts]

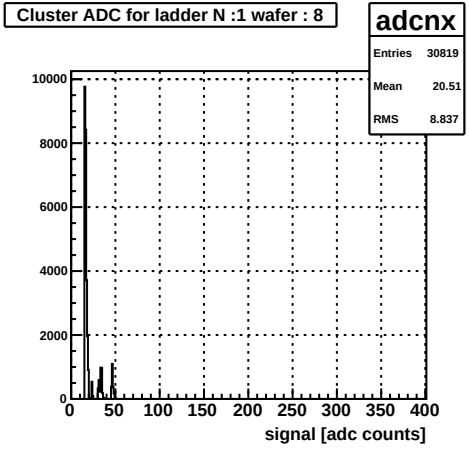

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 14255
Mean 64.21
RMS 54.89
signal [adc counts]

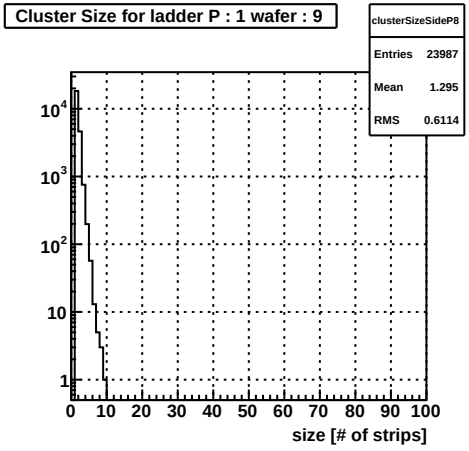

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 35978
Mean 1.18
RMS 0.4862
size [# of strips]

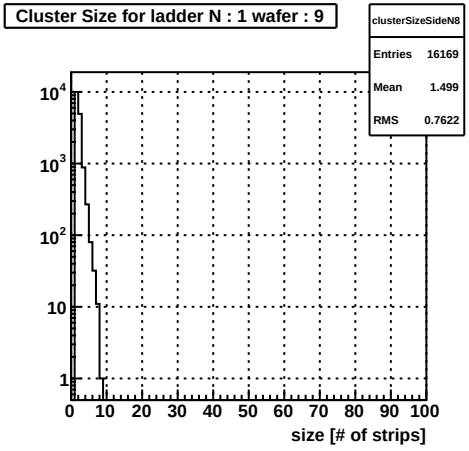

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 30819
Mean 1.263
RMS 0.5734
size [# of strips]

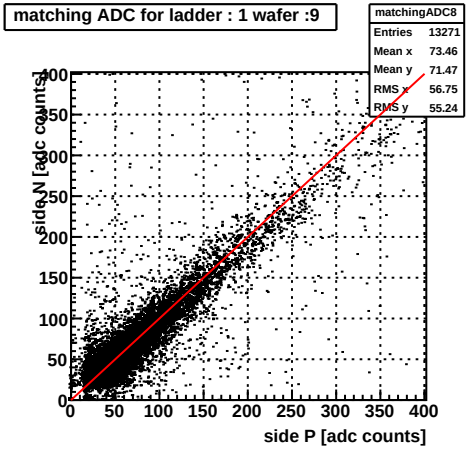

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 3264
Mean x 41.02
Mean y 18.67
RMS x 39.71
RMS y 8.132
side N [adc counts]
side P [adc counts]

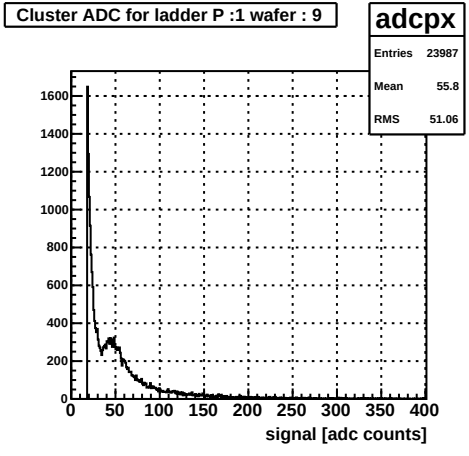

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 35978
Mean 42.46
RMS 39.99
signal [adc counts]

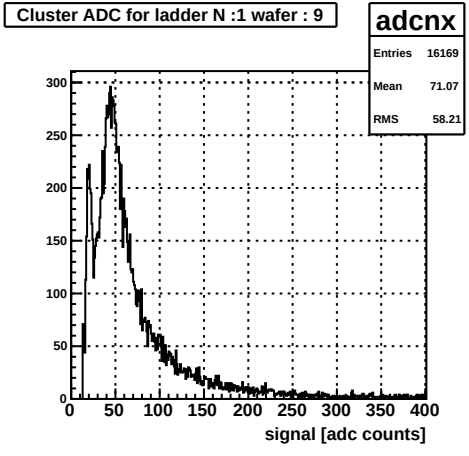

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 30819
Mean 20.51
RMS 8.837
signal [adc counts]

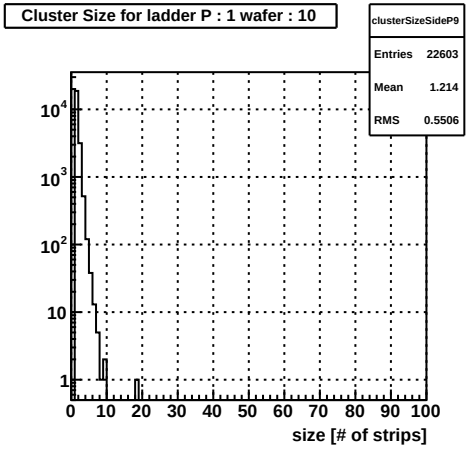

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 23987
Mean 1.295
RMS 0.6114
size [# of strips]

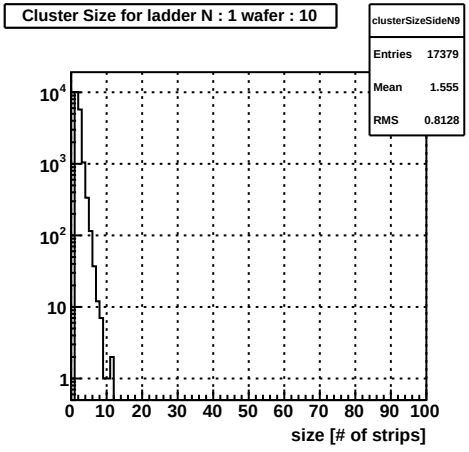

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 16169
Mean 1.499
RMS 0.7622
size [# of strips]

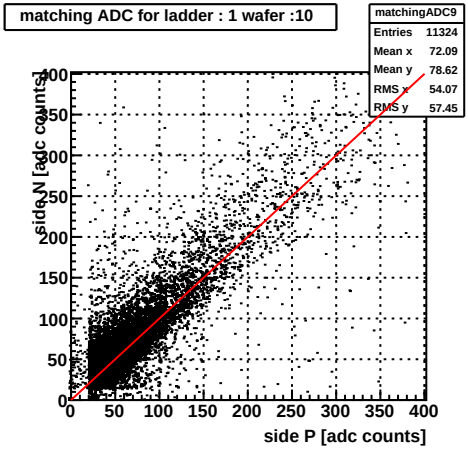

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 13271
Mean x 73.46
Mean y 71.47
RMS x 56.75
RMS y 55.24
side N [adc counts]
side P [adc counts]

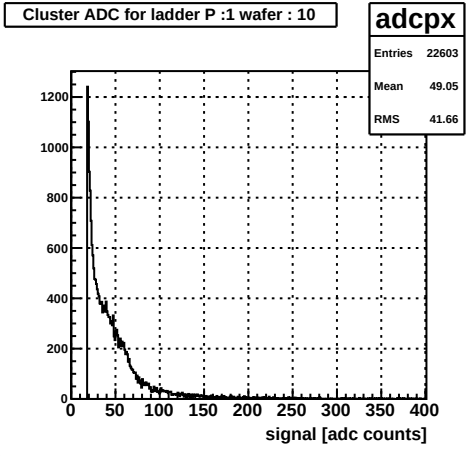

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 23987
Mean 55.8
RMS 51.06
signal [adc counts]

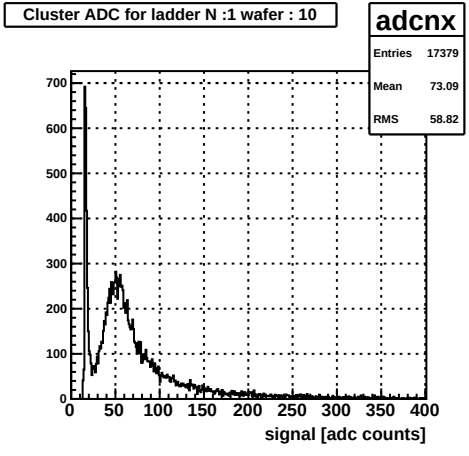

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 16169
Mean 71.07
RMS 58.21
signal [adc counts]

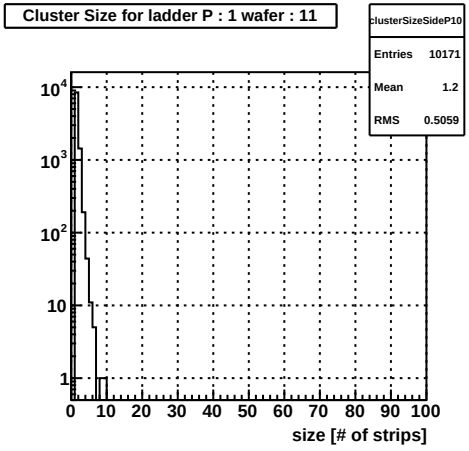

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 22603
Mean 1.214
RMS 0.5506
size [# of strips]

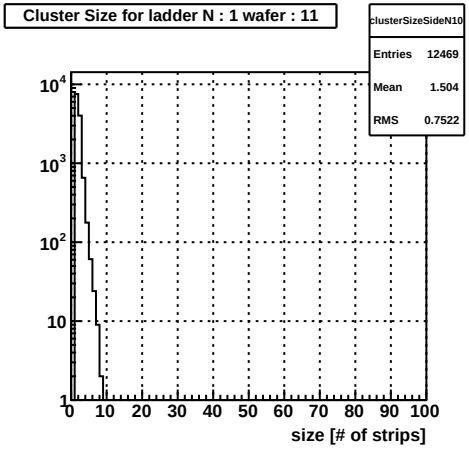

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 17379
Mean 1.555
RMS 0.8128
size [# of strips]

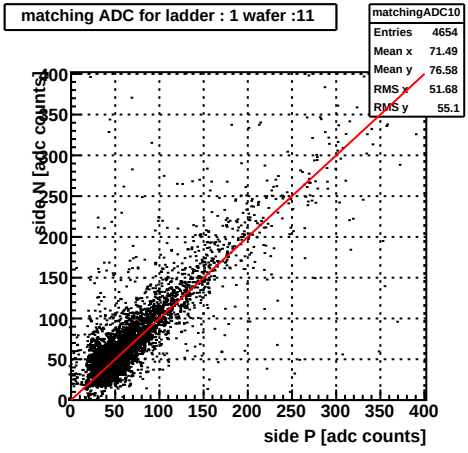

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 11324
Mean x 72.09
Mean y 78.62
RMS x 54.07
RMS y 57.45
side N [adc counts]
side P [adc counts]

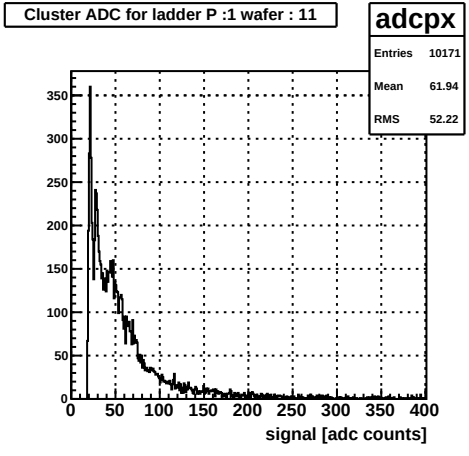

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 22603
Mean 49.05
RMS 41.66
signal [adc counts]

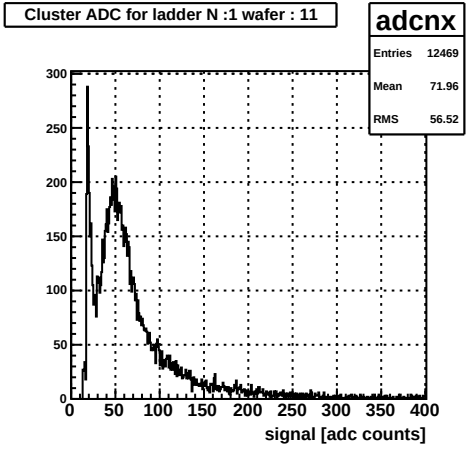

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 17379
Mean 73.09
RMS 58.82
signal [adc counts]

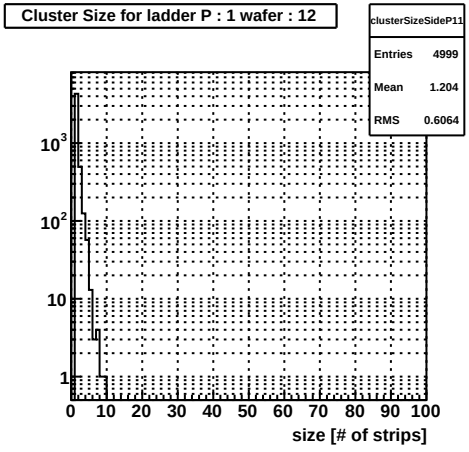

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10171
Mean 1.2
RMS 0.5059
size [# of strips]

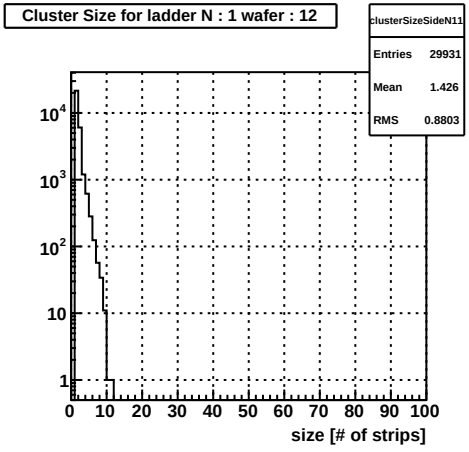

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 12469
Mean 1.504
RMS 0.7522
size [# of strips]

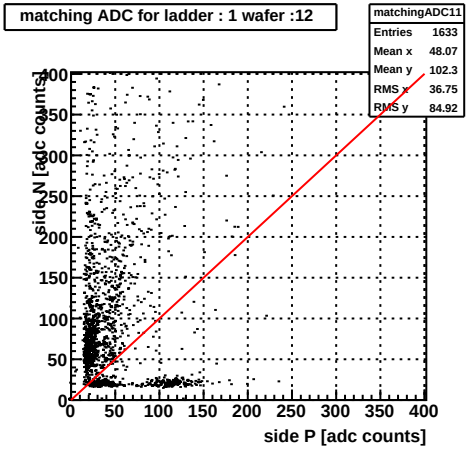

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4654
Mean x 71.49
Mean y 76.58
RMS x 51.68
RMS y 55.1
side N [adc counts]
side P [adc counts]

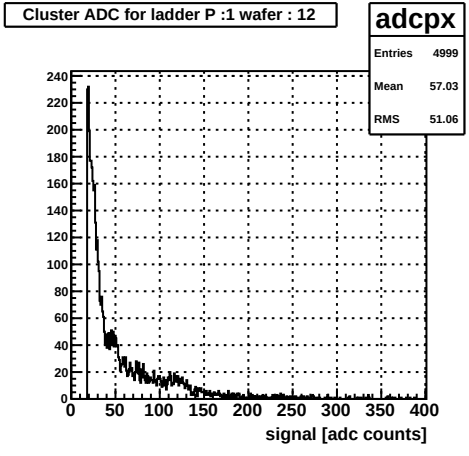

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10171
Mean 61.94
RMS 52.22
signal [adc counts]

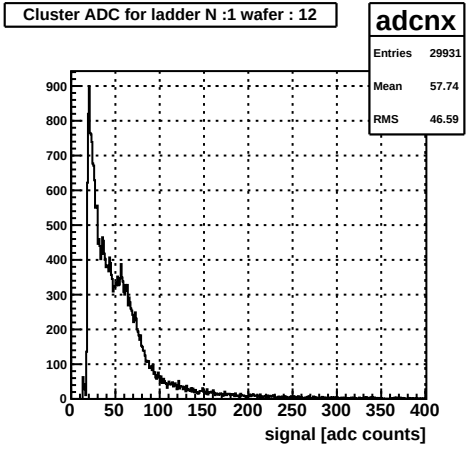

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 12469
Mean 71.96
RMS 56.52
signal [adc counts]

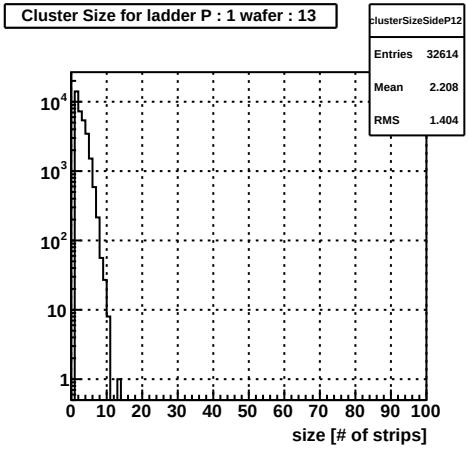

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4999
Mean 1.204
RMS 0.6064
size [# of strips]

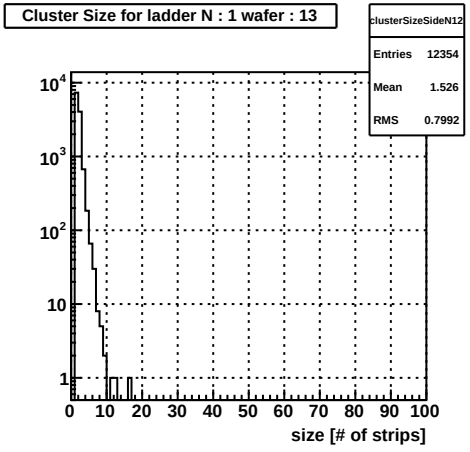

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 29931
Mean 1.426
RMS 0.8803
size [# of strips]

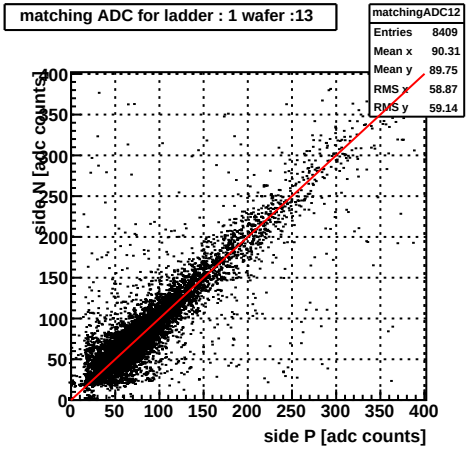

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1633
Mean x 48.07
Mean y 102.3
RMS x 36.75
RMS y 84.92
side N [adc counts]
side P [adc counts]

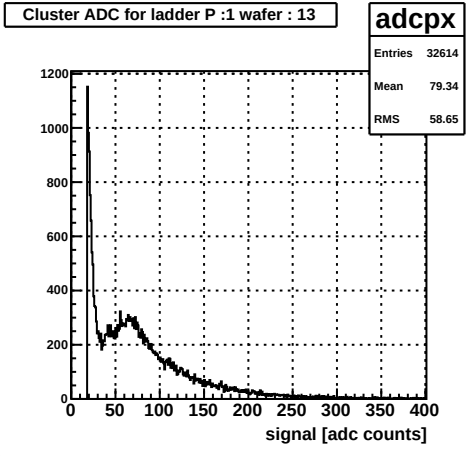

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4999
Mean 57.03
RMS 51.06
signal [adc counts]

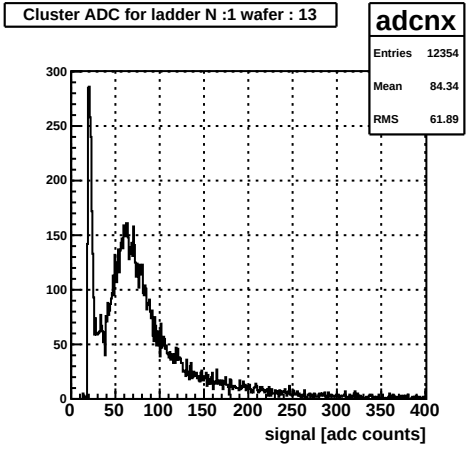

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 29931
Mean 57.74
RMS 46.59
signal [adc counts]

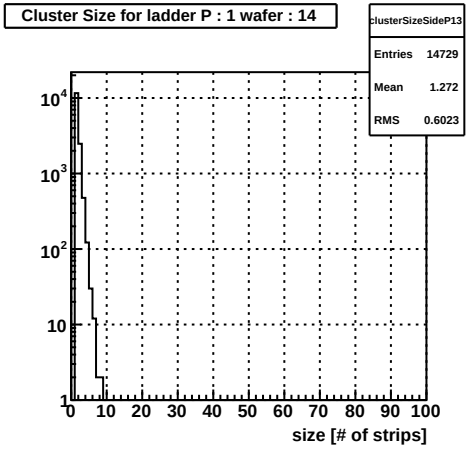

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 32614
Mean 2.208
RMS 1.404
size [# of strips]

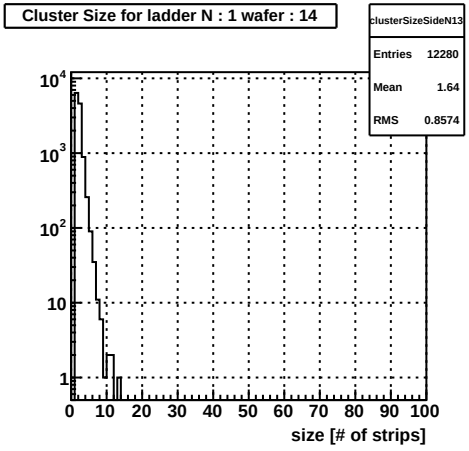

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12354
Mean 1.526
RMS 0.7992
size [# of strips]

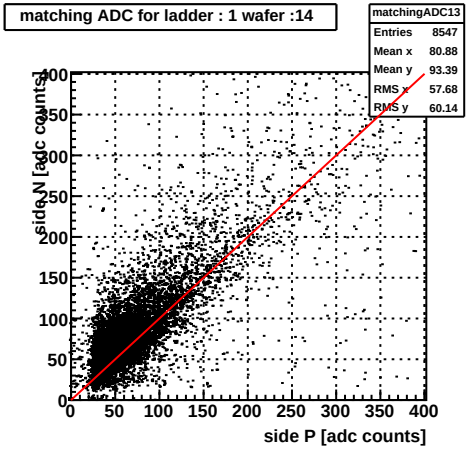

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8409
Mean x 90.31
Mean y 89.75
RMS x 58.87
RMS y 59.14
side N [adc counts]
side P [adc counts]

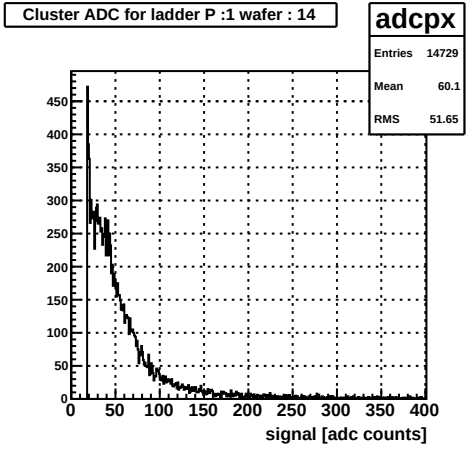

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 32614
Mean 79.34
RMS 58.65
signal [adc counts]

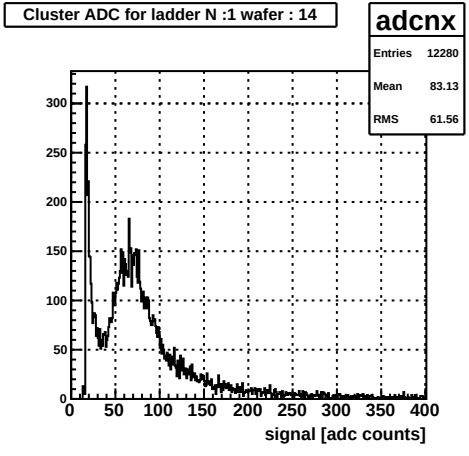

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12354
Mean 84.34
RMS 61.89
signal [adc counts]

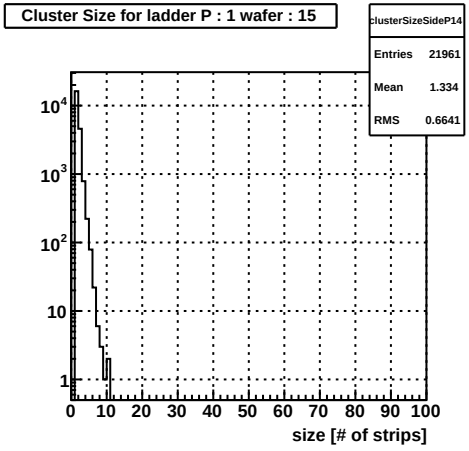

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 14729
Mean 1.272
RMS 0.6023
size [# of strips]

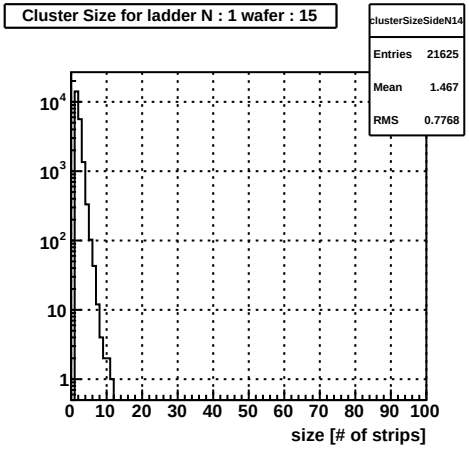

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 12280
Mean 1.64
RMS 0.8574
size [# of strips]

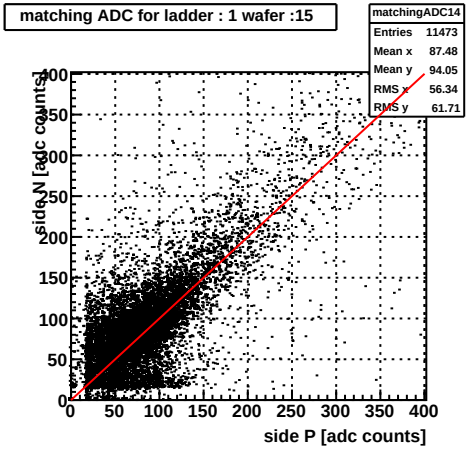

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8547
Mean x 80.88
Mean y 93.39
RMS x 57.68
RMS y 60.14
side N [adc counts]
side P [adc counts]

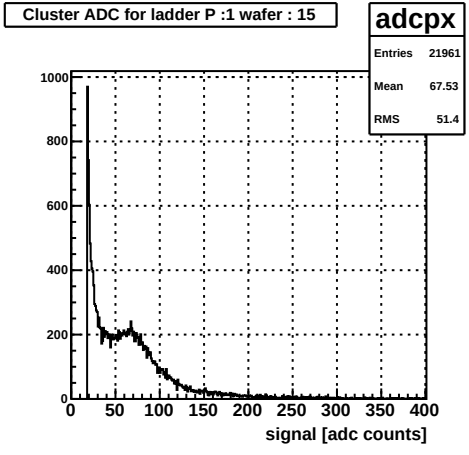

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 14729
Mean 60.1
RMS 51.65
signal [adc counts]

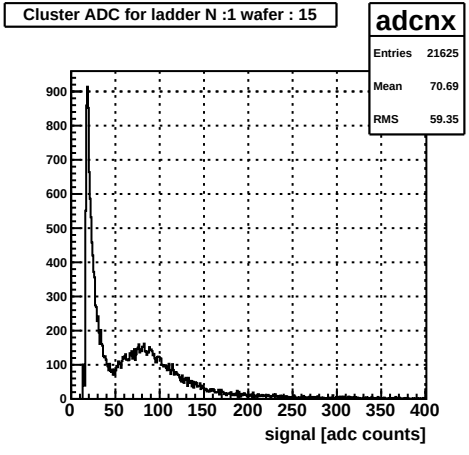

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 12280
Mean 83.13
RMS 61.56
signal [adc counts]

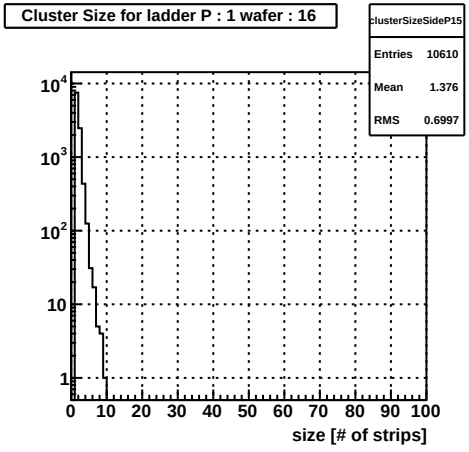

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 21961
Mean 1.334
RMS 0.6641
size [# of strips]

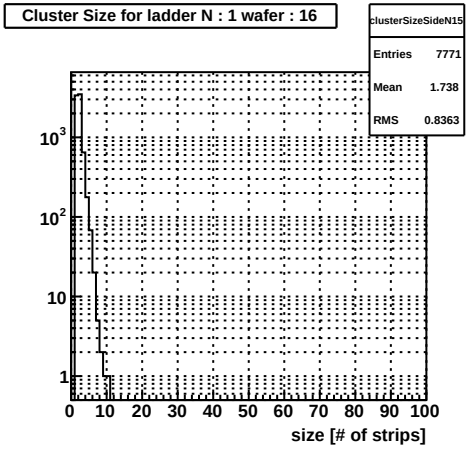

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 21625
Mean 1.467
RMS 0.7768
size [# of strips]

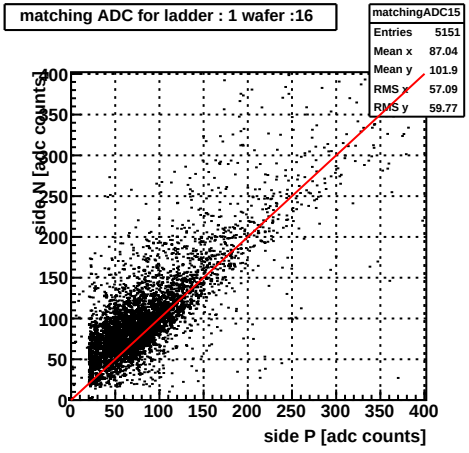

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 11473
Mean x 87.48
Mean y 94.05
RMS x 56.34
RMS y 61.71
side N [adc counts]
side P [adc counts]

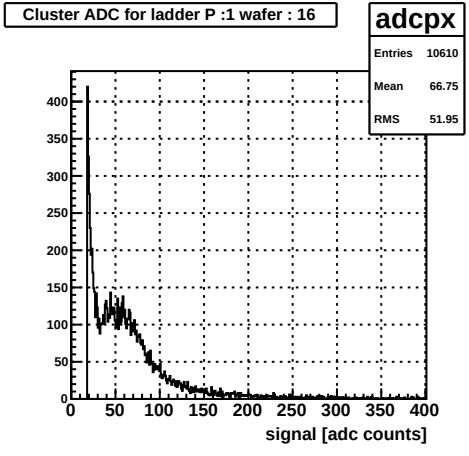

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 21961
Mean 67.53
RMS 51.4
signal [adc counts]

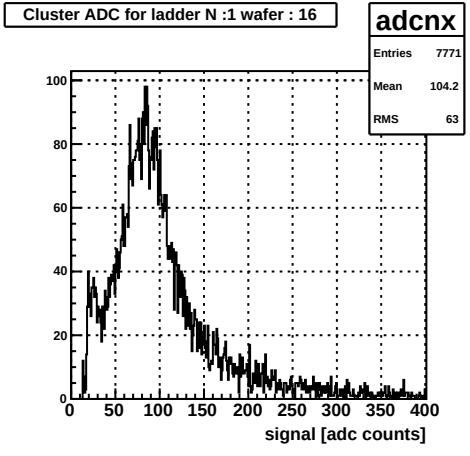

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 21625
Mean 70.69
RMS 59.35
signal [adc counts]

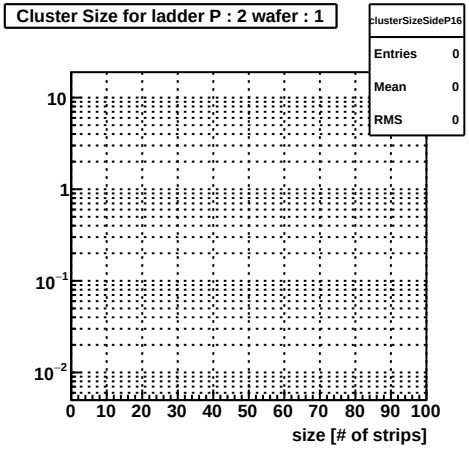

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 10610
Mean 1.376
RMS 0.6997
size [# of strips]

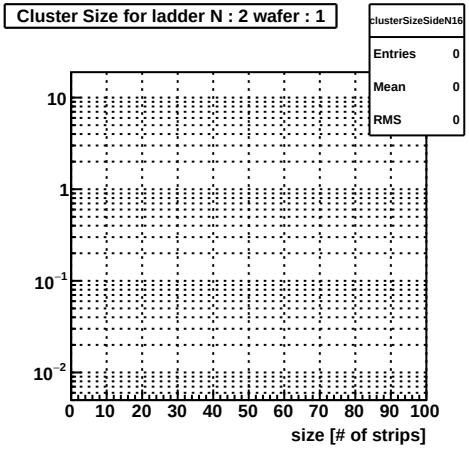

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7771
Mean 1.738
RMS 0.8363
size [# of strips]

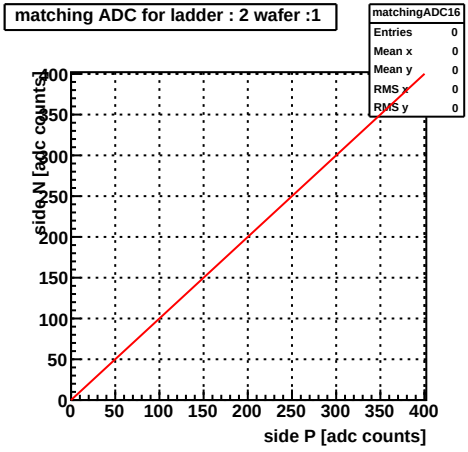

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5151
Mean x 87.04
Mean y 101.9
RMS x 57.09
RMS y 59.77
side N [adc counts]
side P [adc counts]

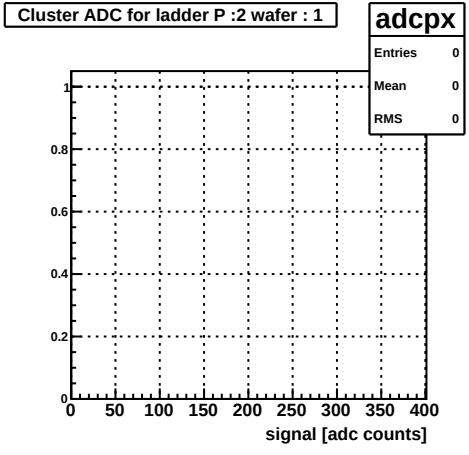

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 10610
Mean 66.75
RMS 51.95
signal [adc counts]

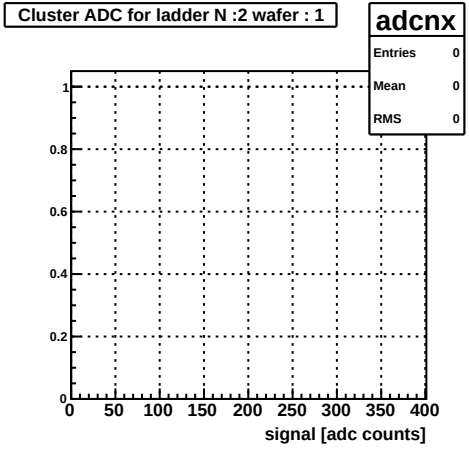

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7771
Mean 104.2
RMS 63
signal [adc counts]

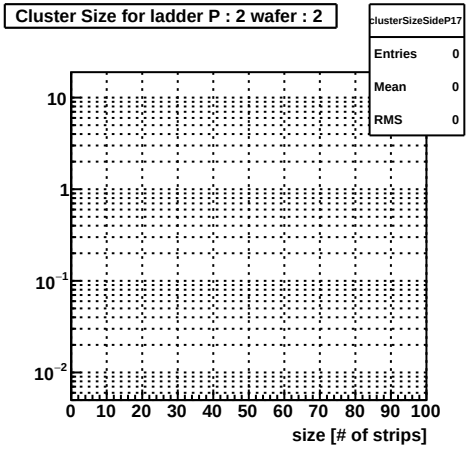

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

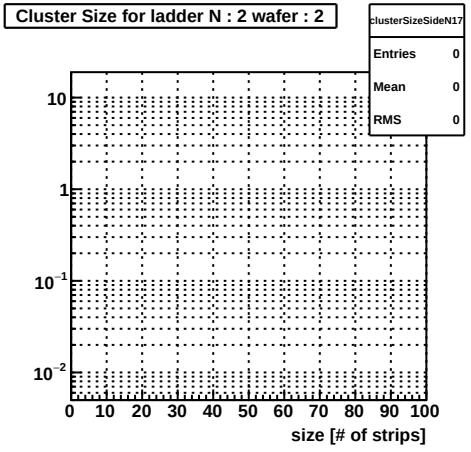

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

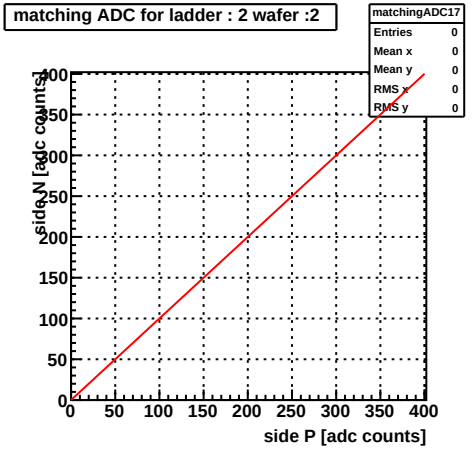

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

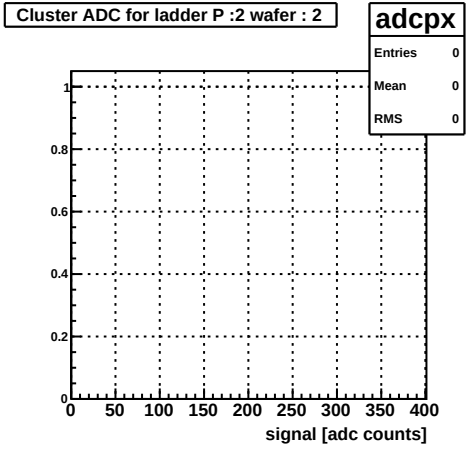

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

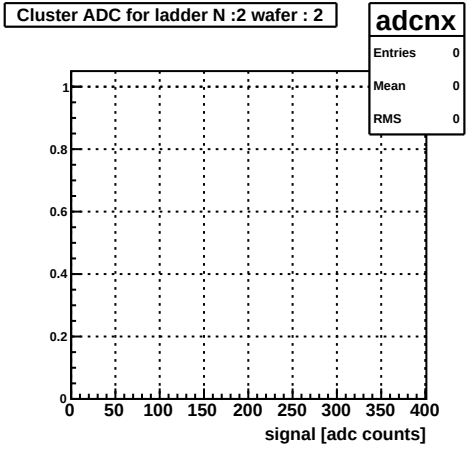

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

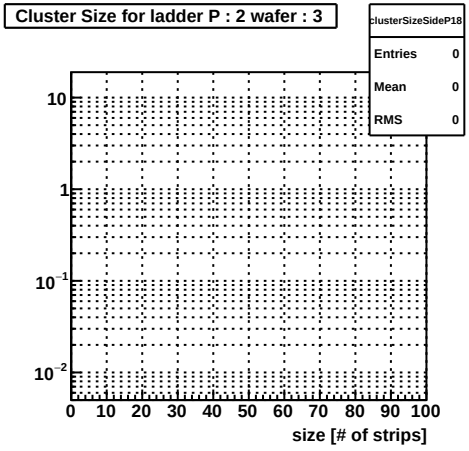

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

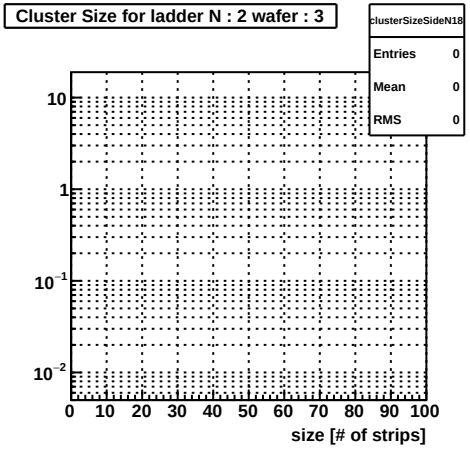

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

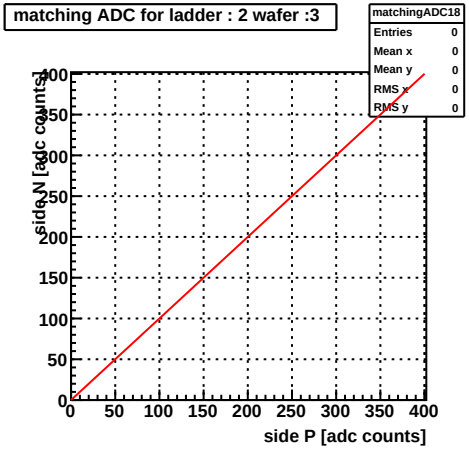

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

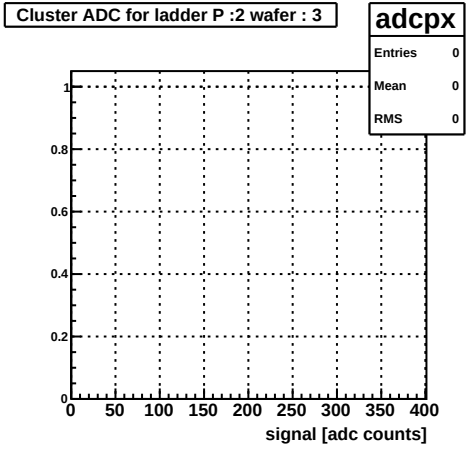

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

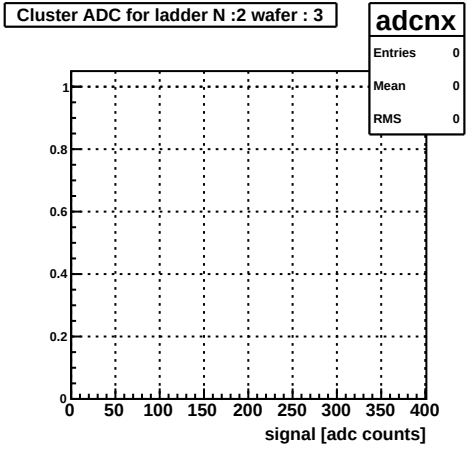

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

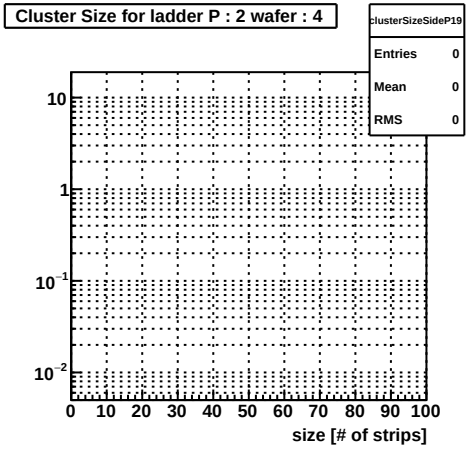

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

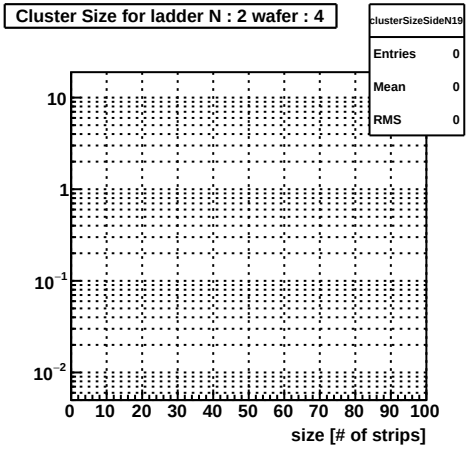

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

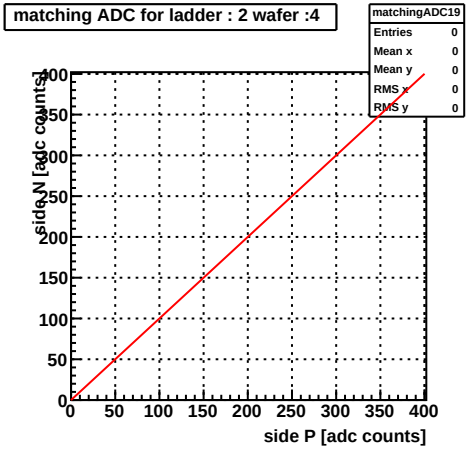

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

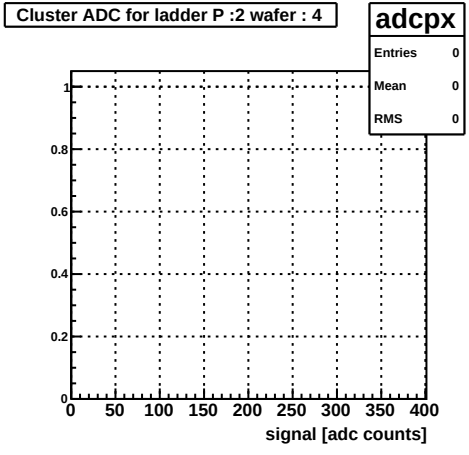

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

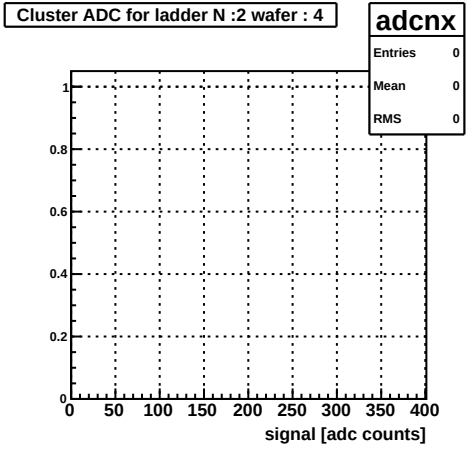

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

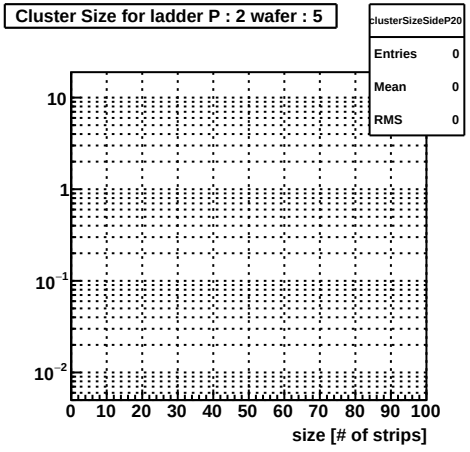

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

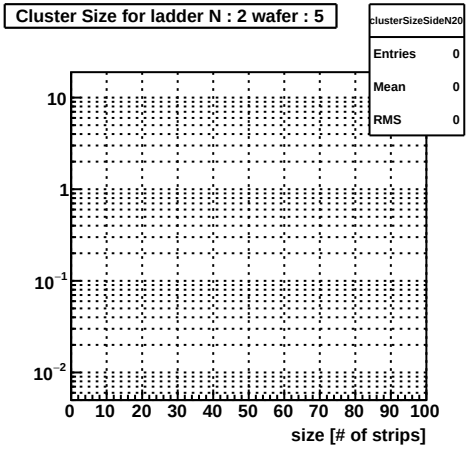

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

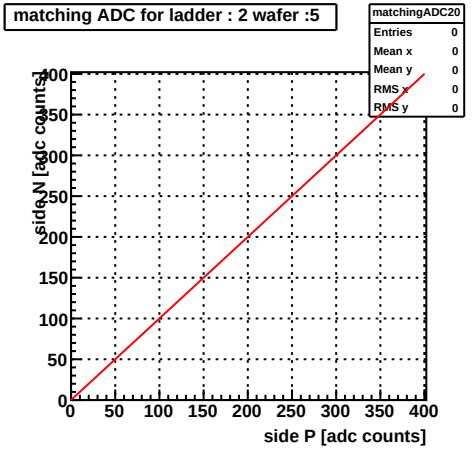

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

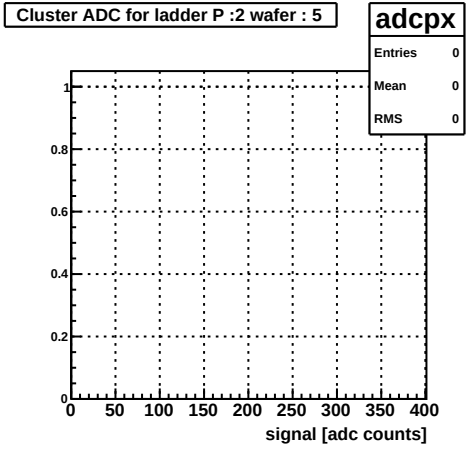

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

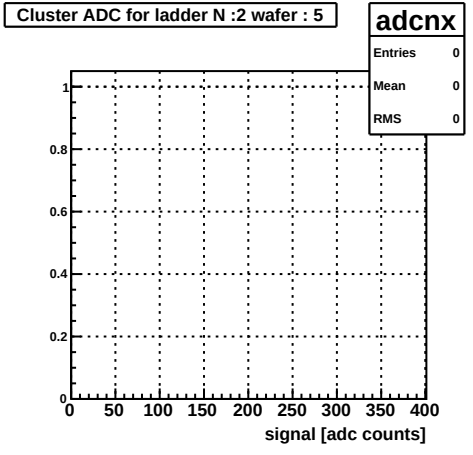

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

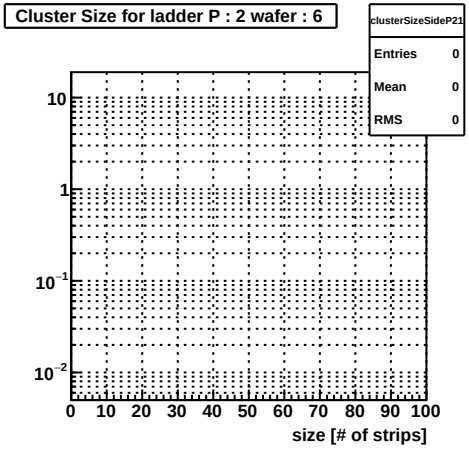

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

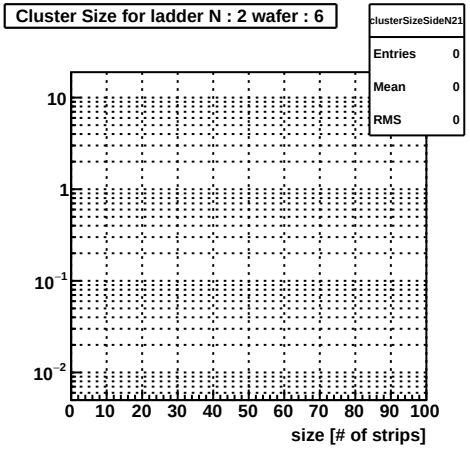

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

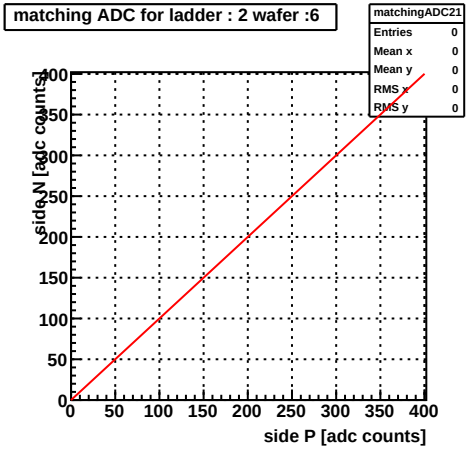

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

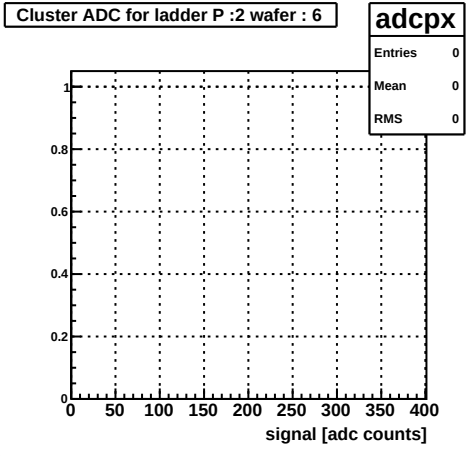

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

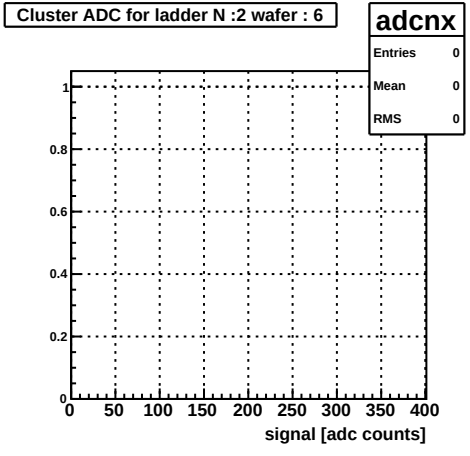

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

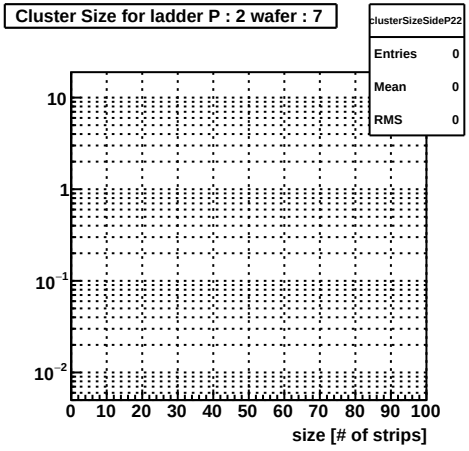

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

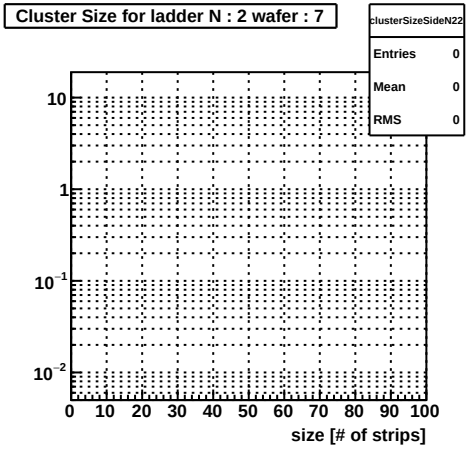

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

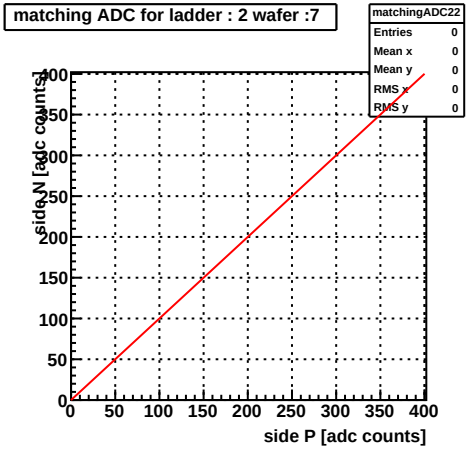

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

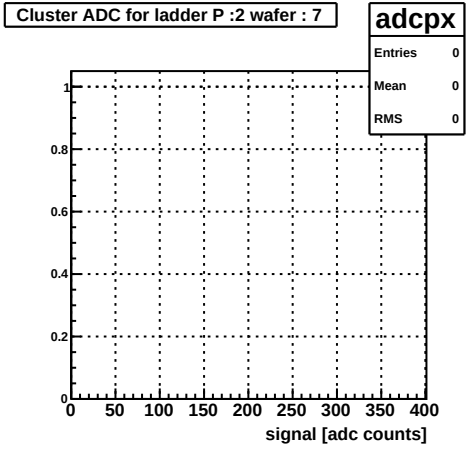

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

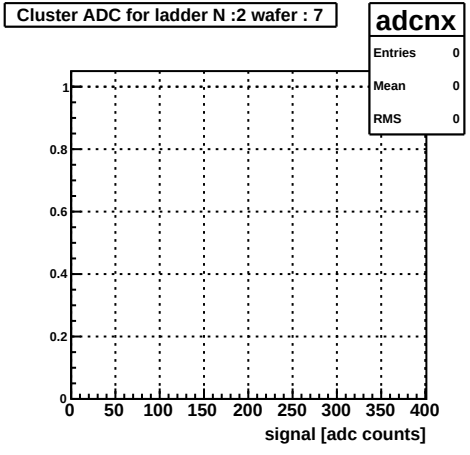

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

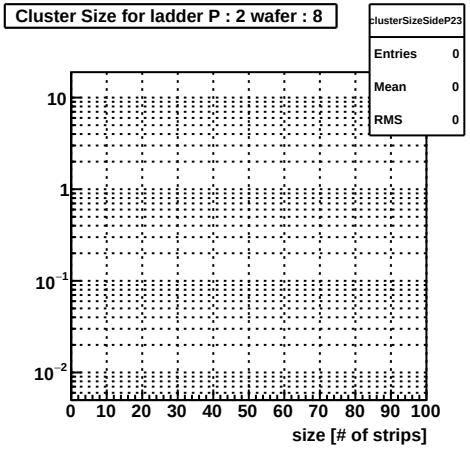

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

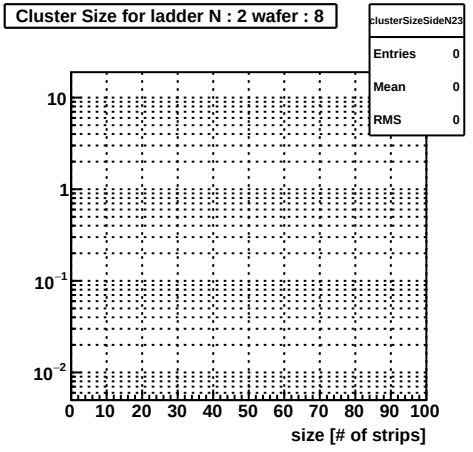

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

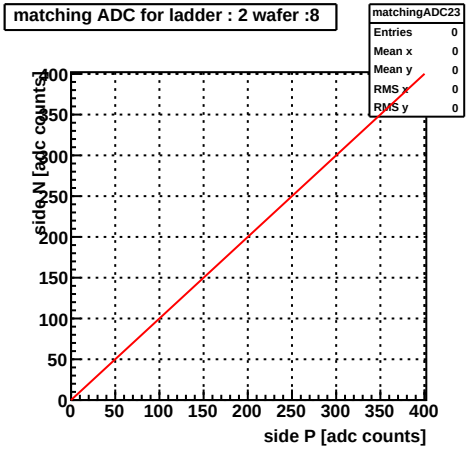

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

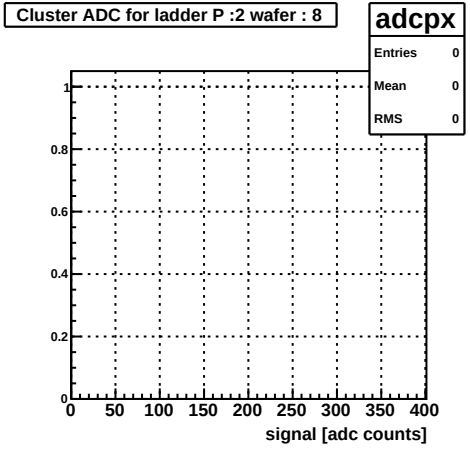

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

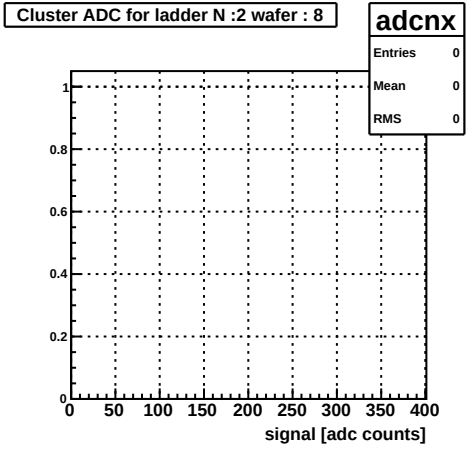

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

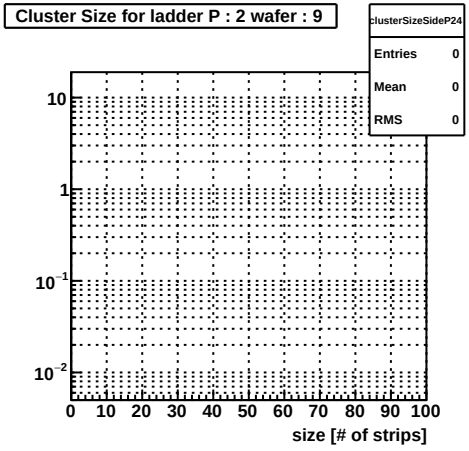

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

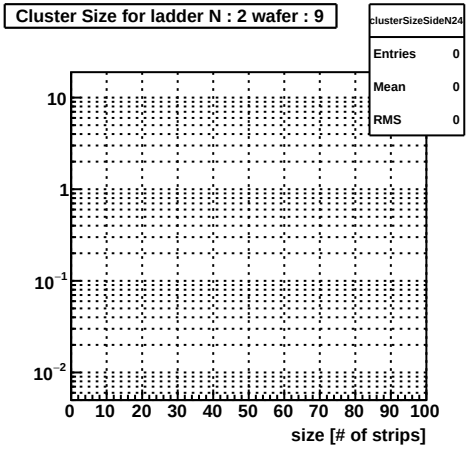

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

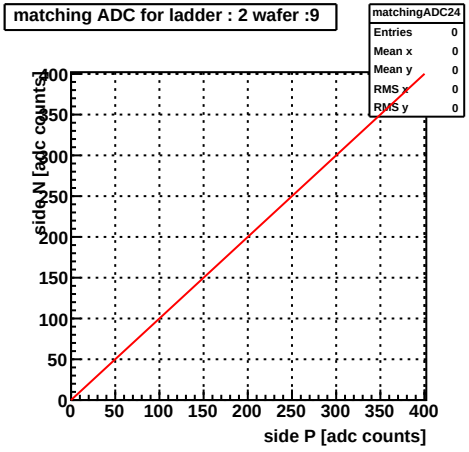

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

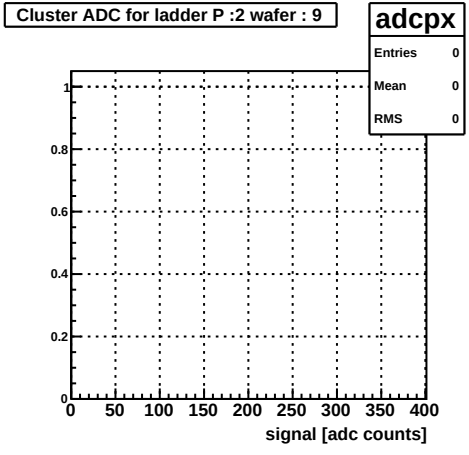

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

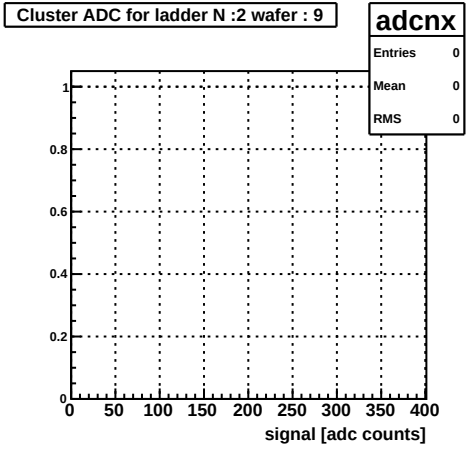

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

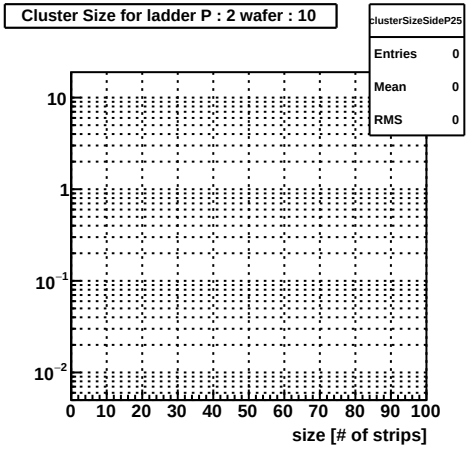

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

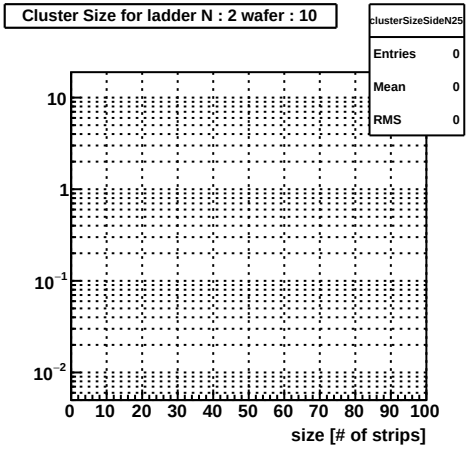

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

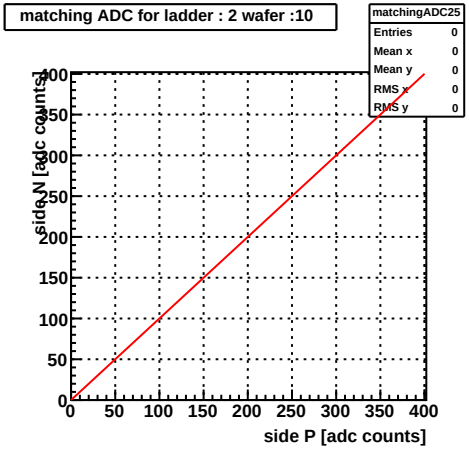

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

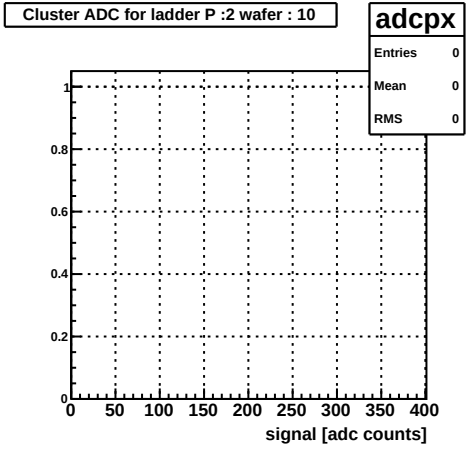

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

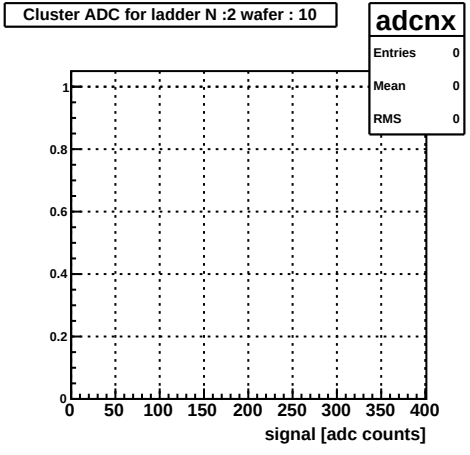

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

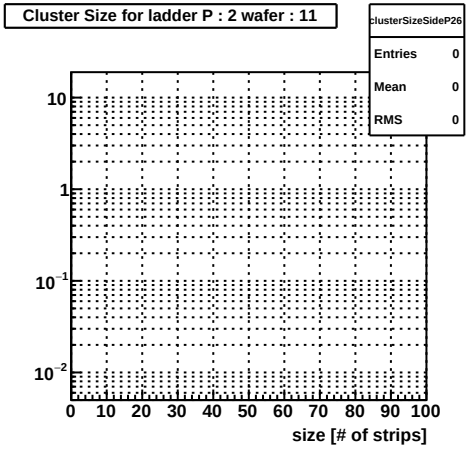

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

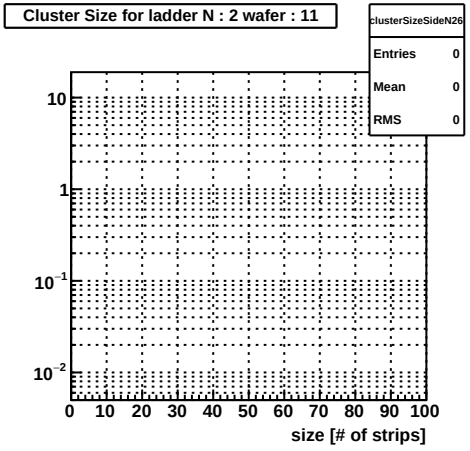

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

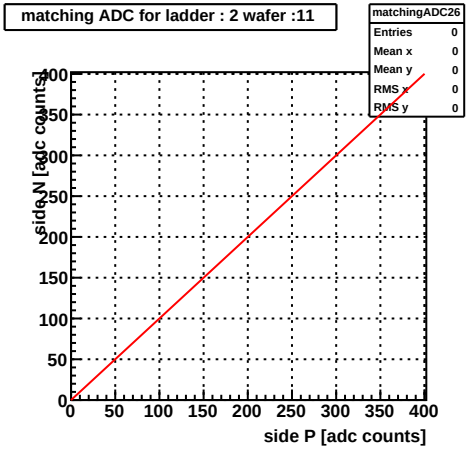

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

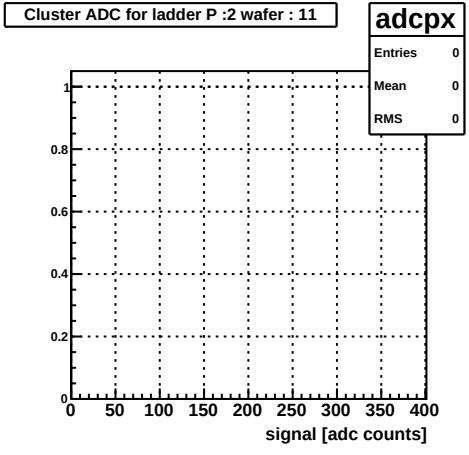

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

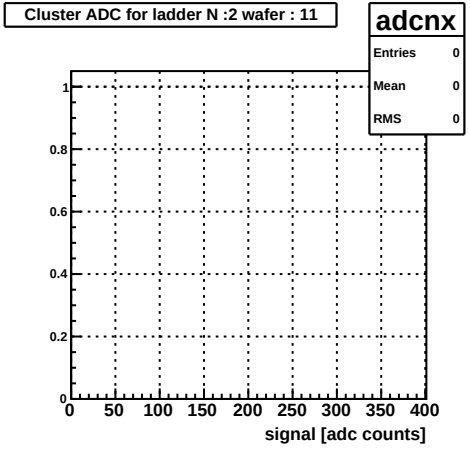

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

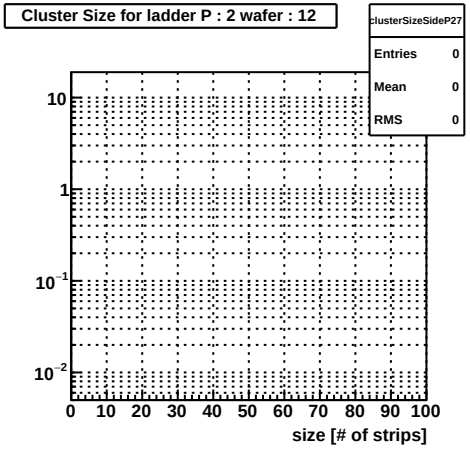

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

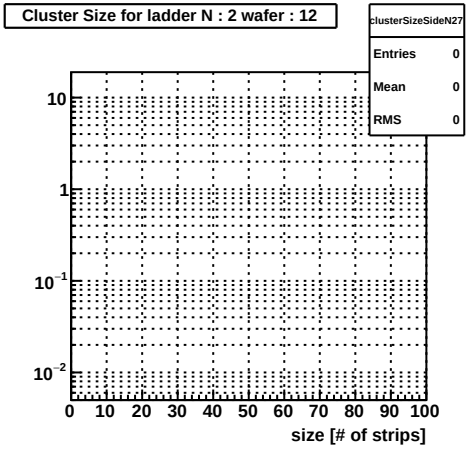

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

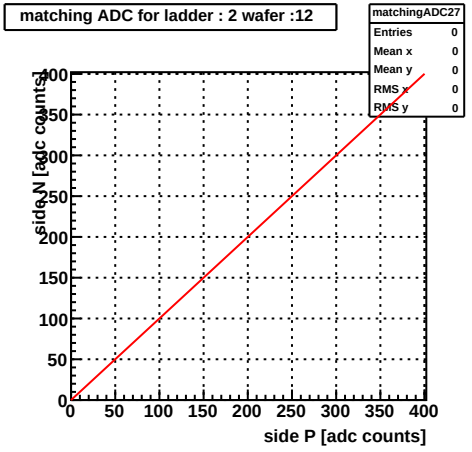

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

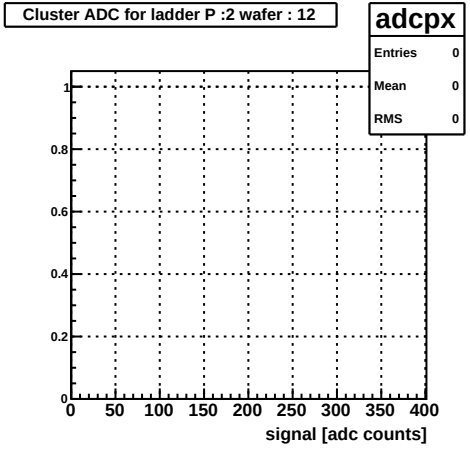

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

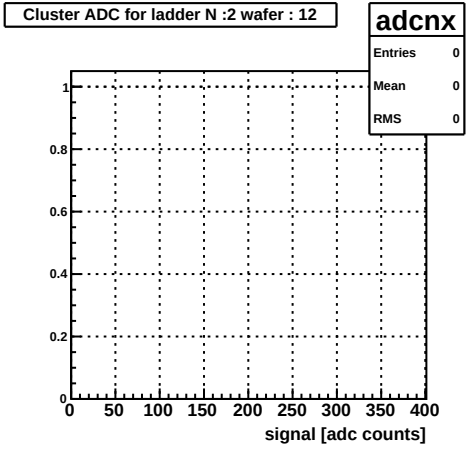

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

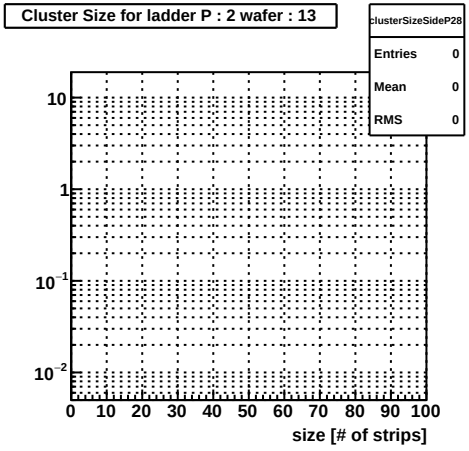

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

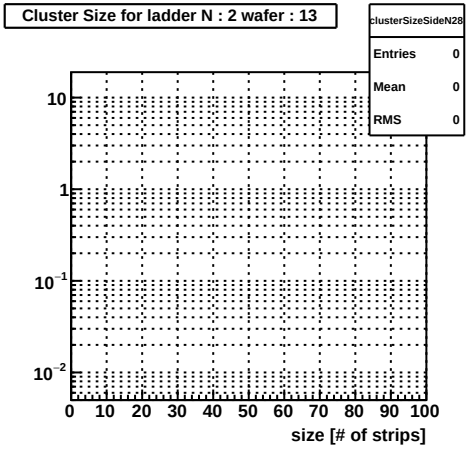

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

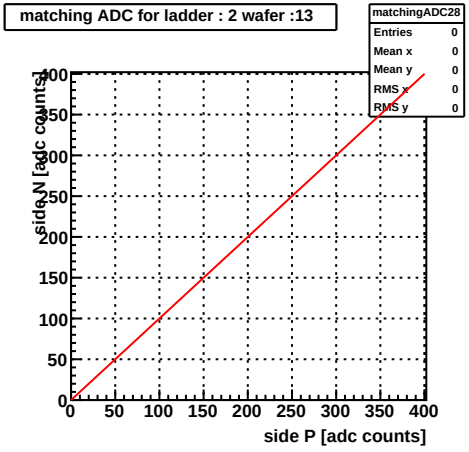

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

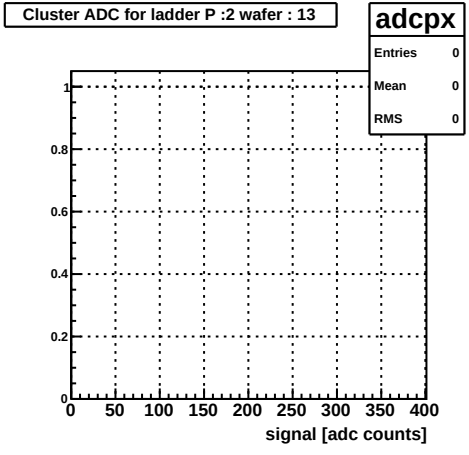

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

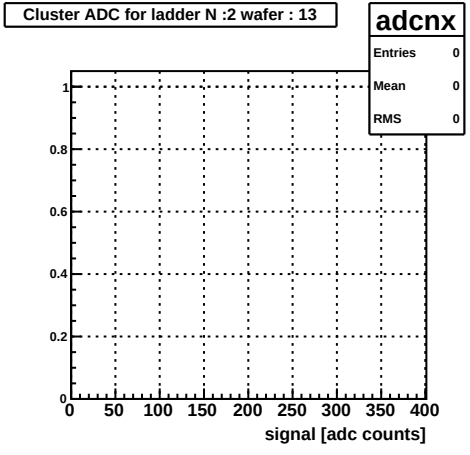

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

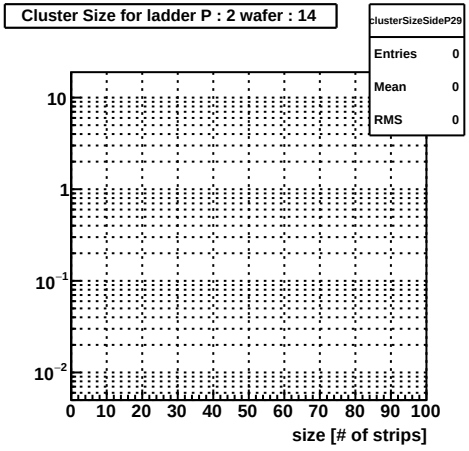

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

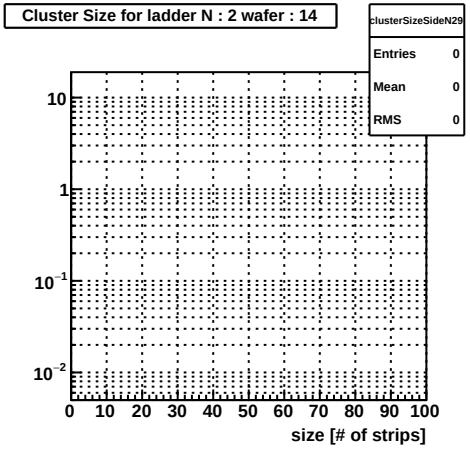

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

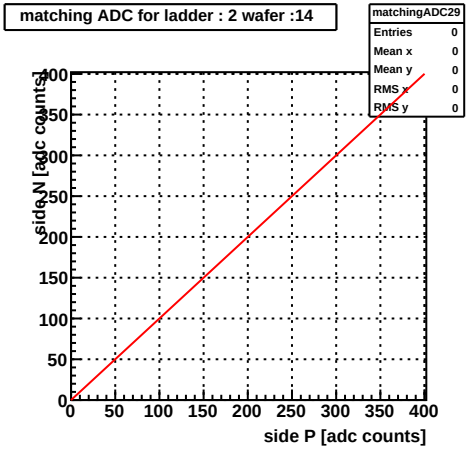

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

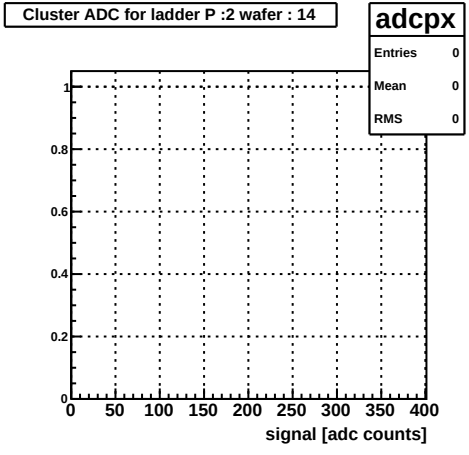

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

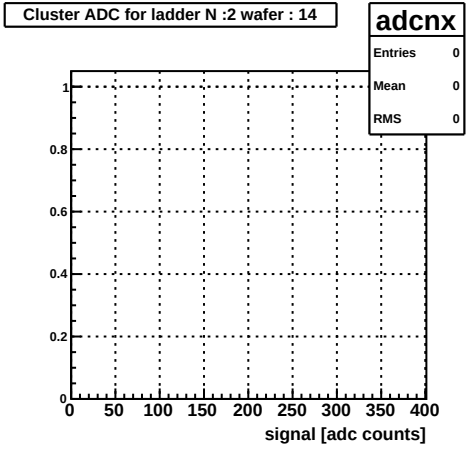

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

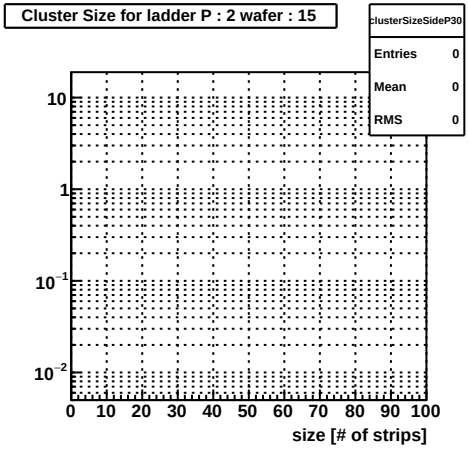

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

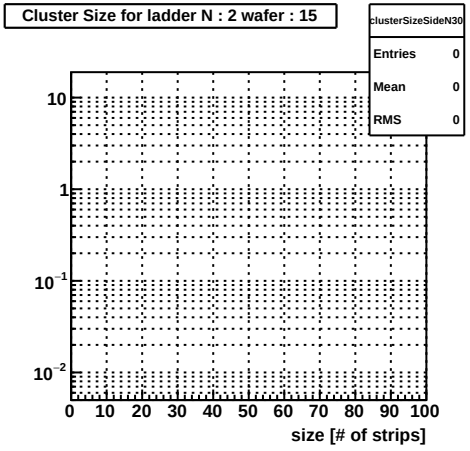

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

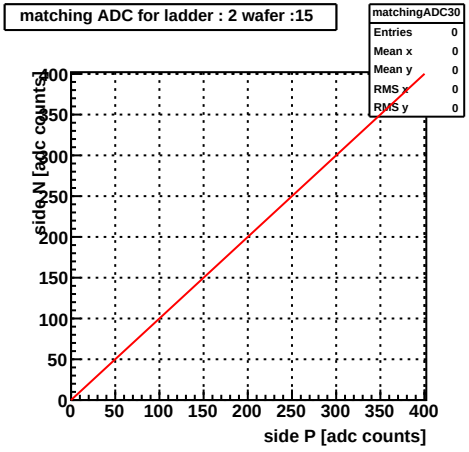

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

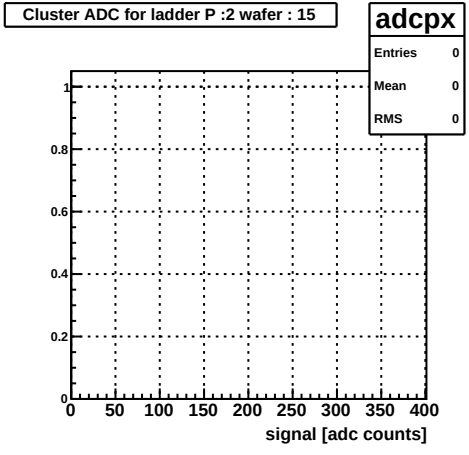

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

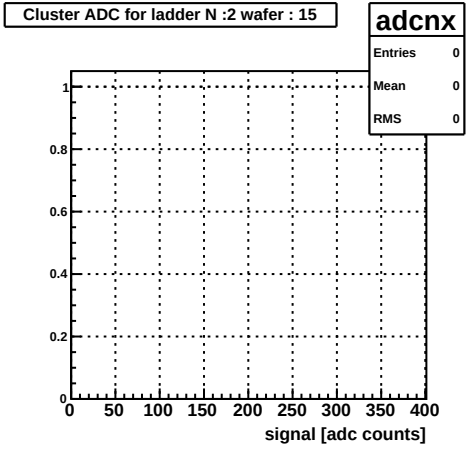

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

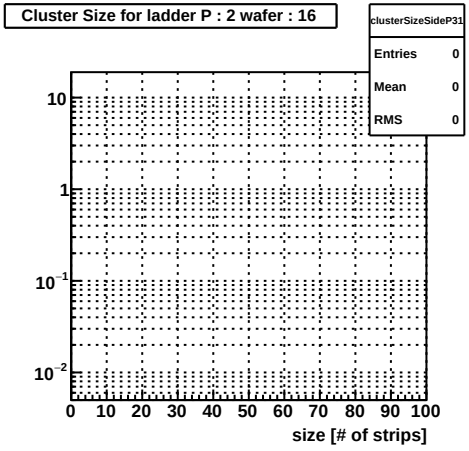

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

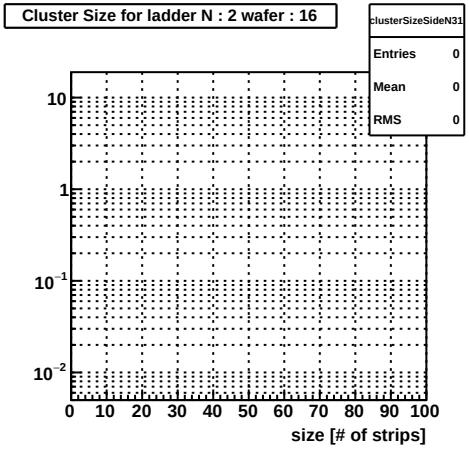

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

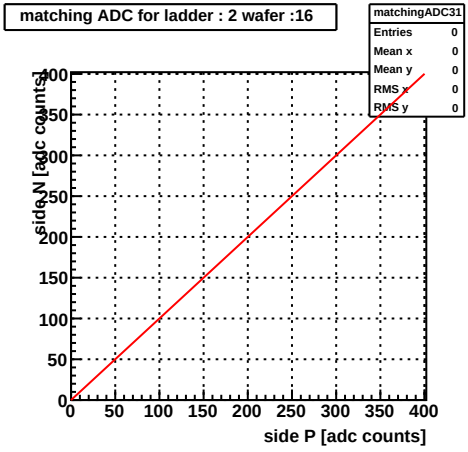

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

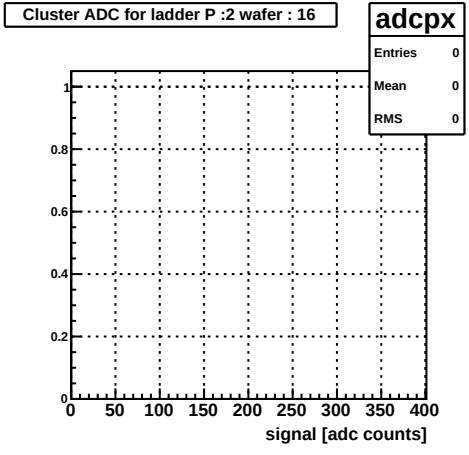

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

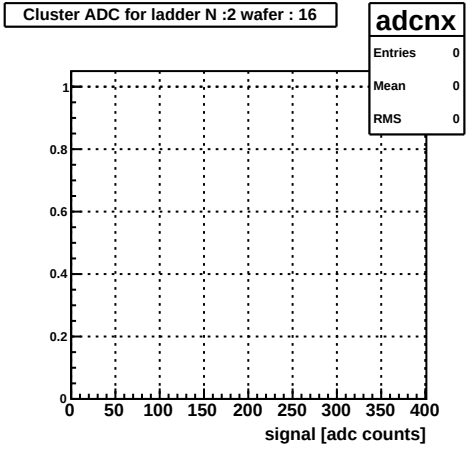

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

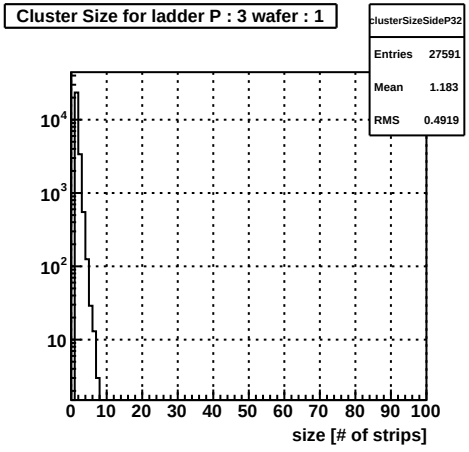

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

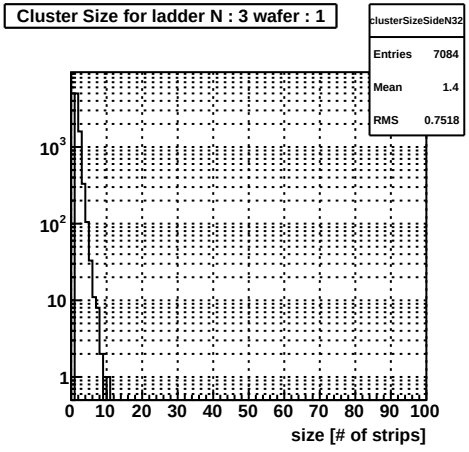

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

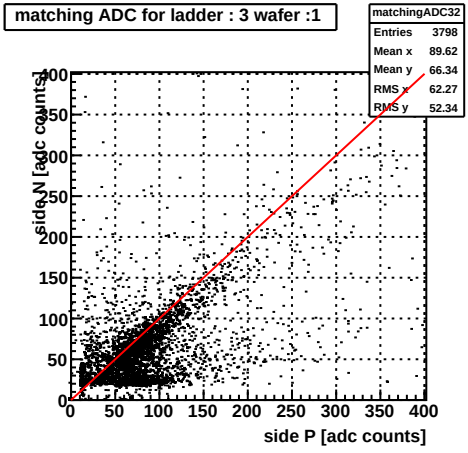

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

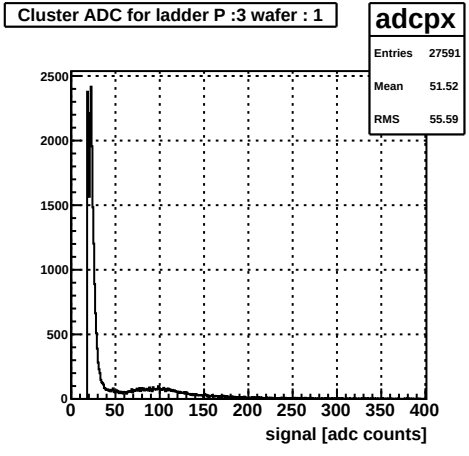

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

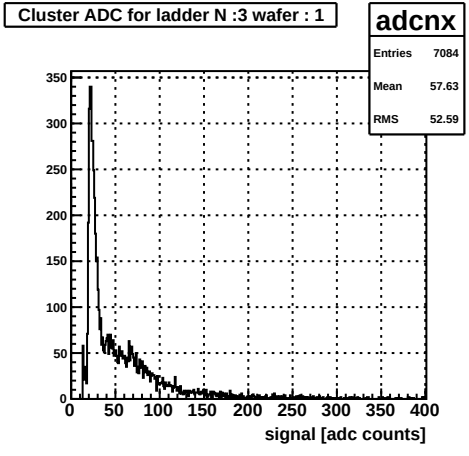

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

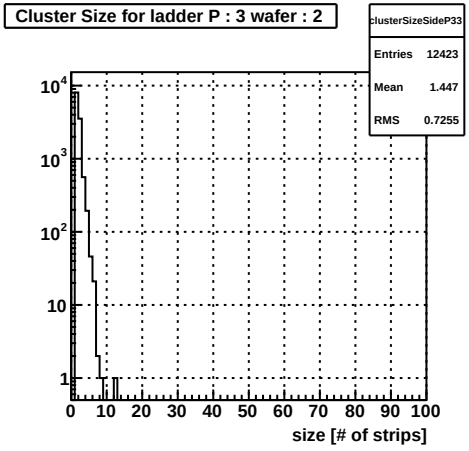

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 27591
Mean 1.183
RMS 0.4919
size [# of strips]

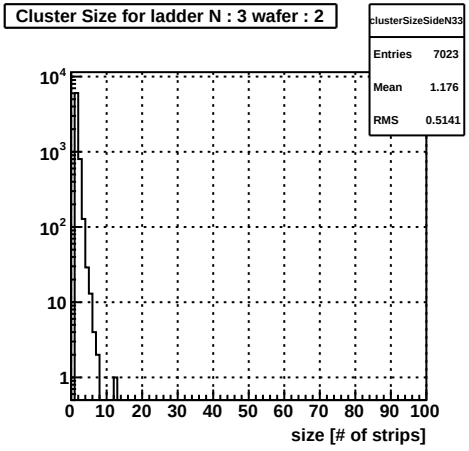

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7084
Mean 1.4
RMS 0.7518
size [# of strips]

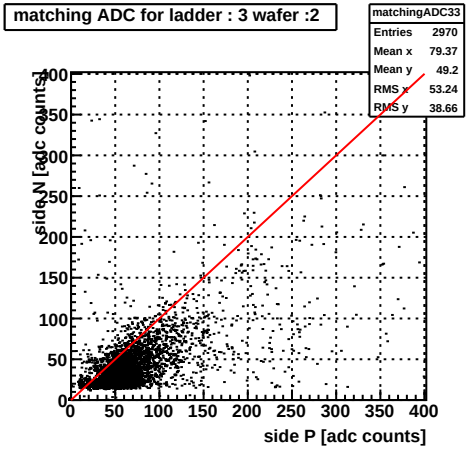

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3798
Mean x 89.62
Mean y 66.34
RMS x 62.27
RMS y 52.34
side N [adc counts]
side P [adc counts]

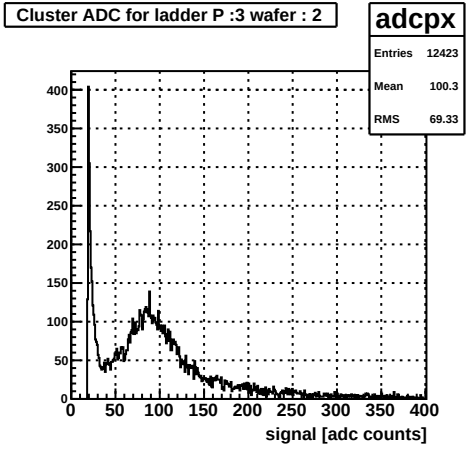

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 27591
Mean 51.52
RMS 55.59
signal [adc counts]

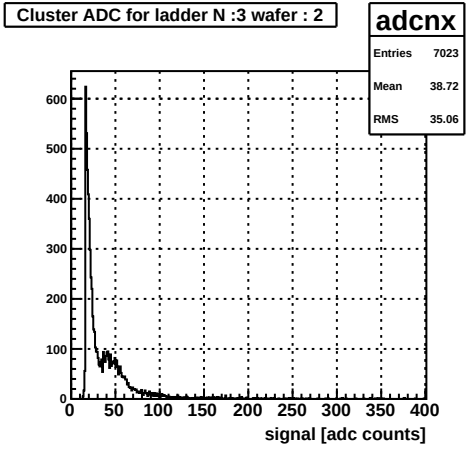

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7084
Mean 57.63
RMS 52.59
signal [adc counts]

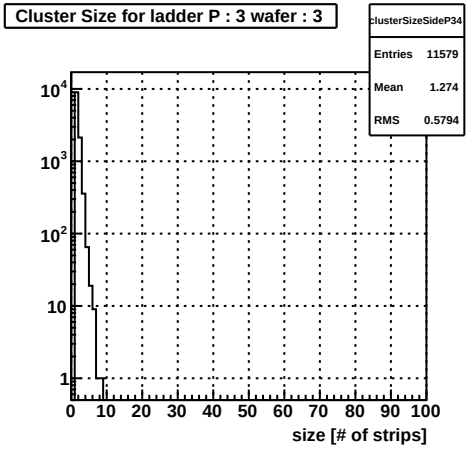

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12423
Mean 1.447
RMS 0.7255
size [# of strips]

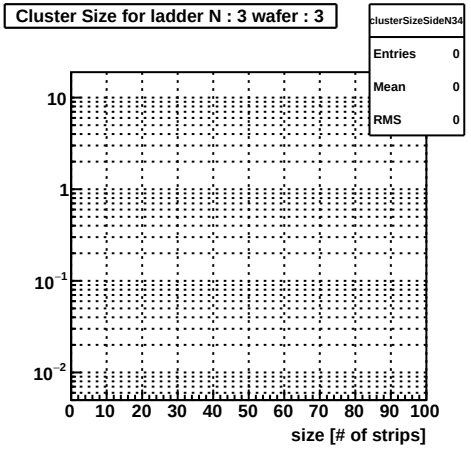

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7023
Mean 1.176
RMS 0.5141
size [# of strips]

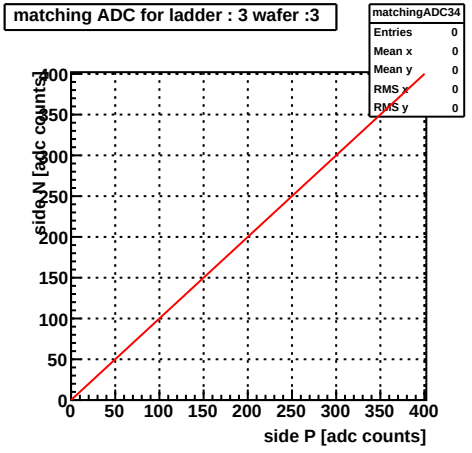

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2970
Mean x 79.37
Mean y 49.2
RMS x 53.24
RMS y 38.66
side N [adc counts]
side P [adc counts]

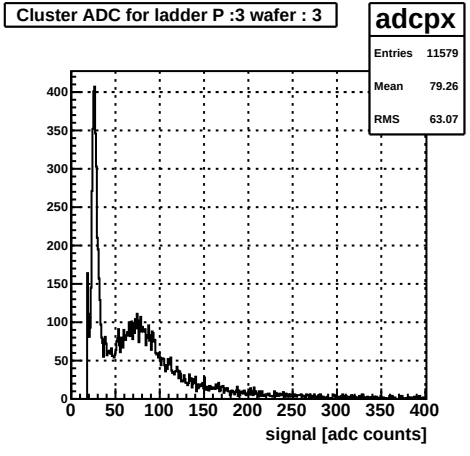

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12423
Mean 100.3
RMS 69.33
signal [adc counts]

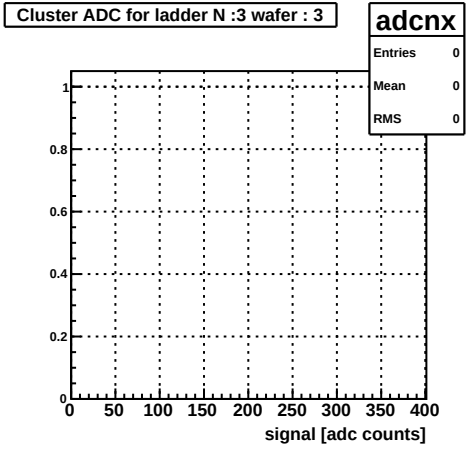

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7023
Mean 38.72
RMS 35.06
signal [adc counts]

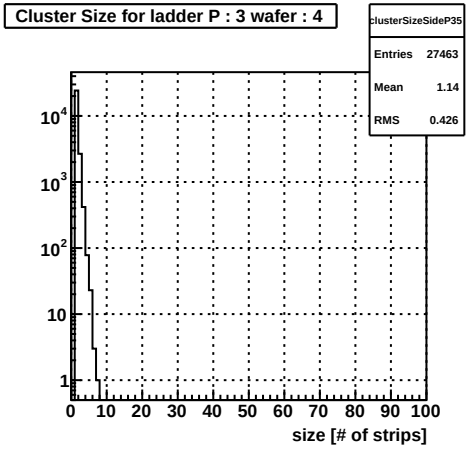

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 11579
Mean 1.274
RMS 0.5794
size [# of strips]

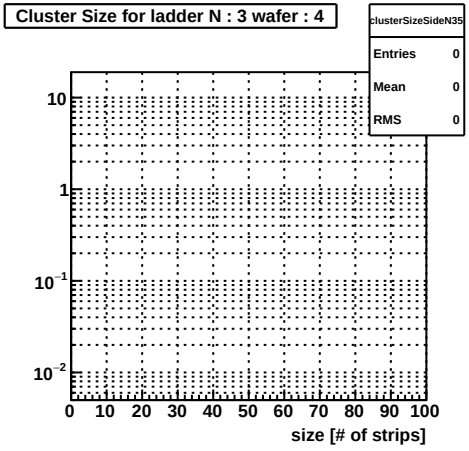

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

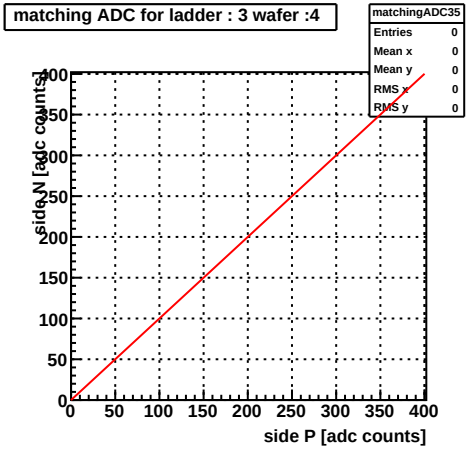

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

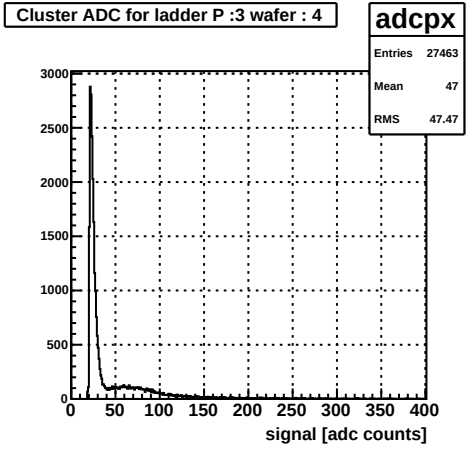

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 11579
Mean 79.26
RMS 63.07
signal [adc counts]

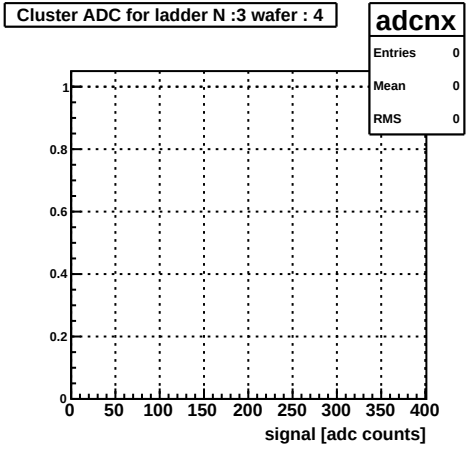

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

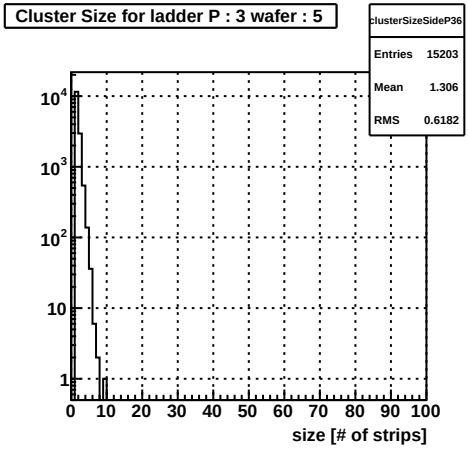

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 27463
Mean 1.14
RMS 0.426
size [# of strips]

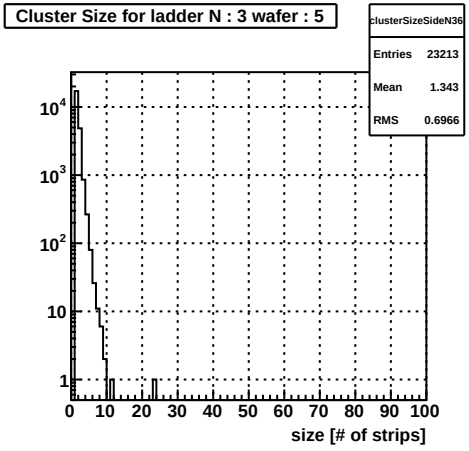

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

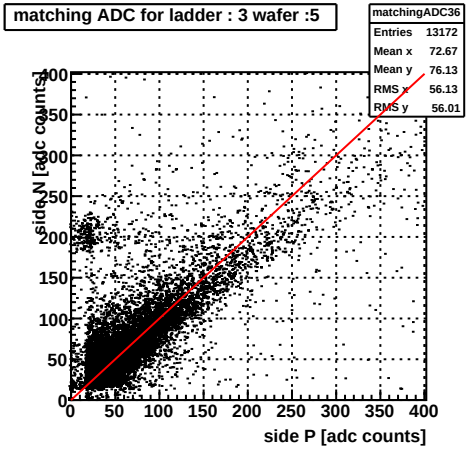

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

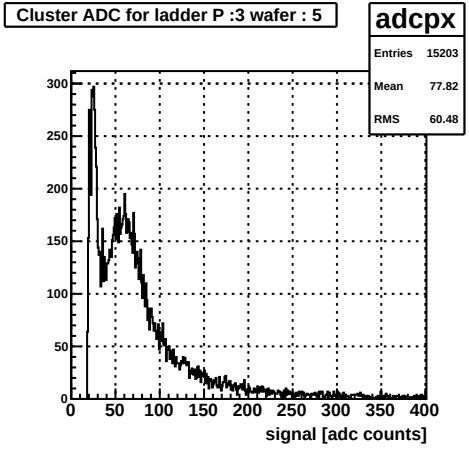

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 27463
Mean 47
RMS 47.47
signal [adc counts]

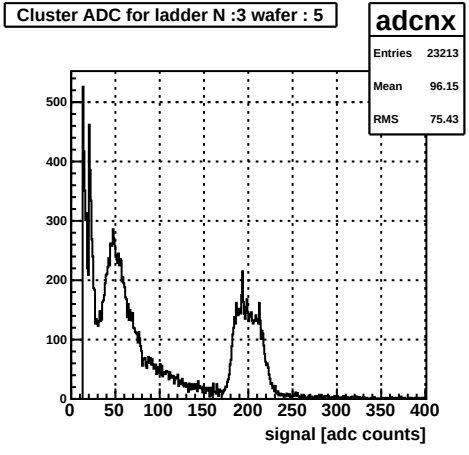

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

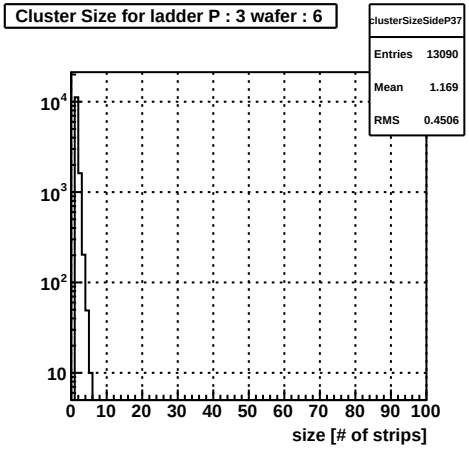

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 15203
Mean 1.306
RMS 0.6182
size [# of strips]

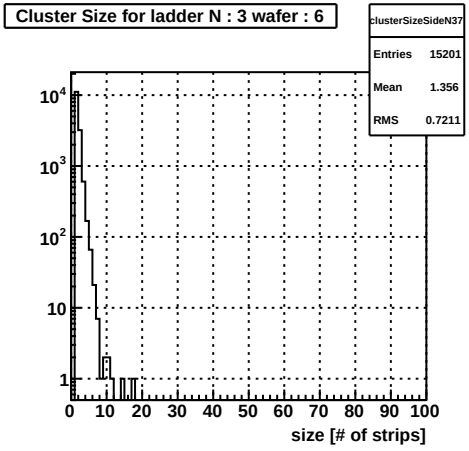

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 23213
Mean 1.343
RMS 0.6966
size [# of strips]

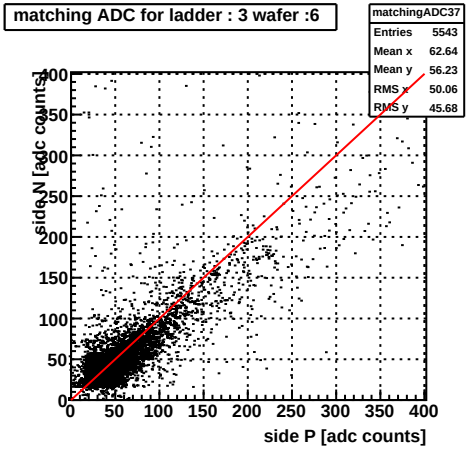

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13172
Mean x 72.67
Mean y 76.13
RMS x 56.13
RMS y 56.01
side N [adc counts]
side P [adc counts]

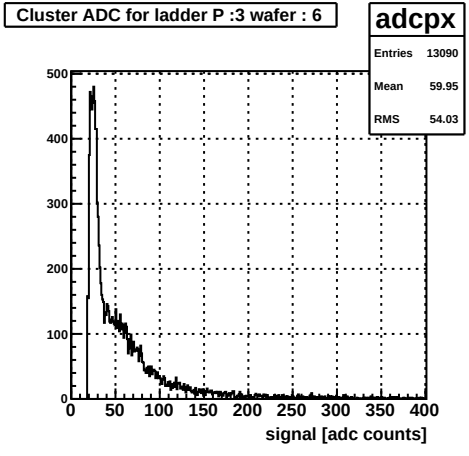

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 15203
Mean 77.82
RMS 60.48
signal [adc counts]

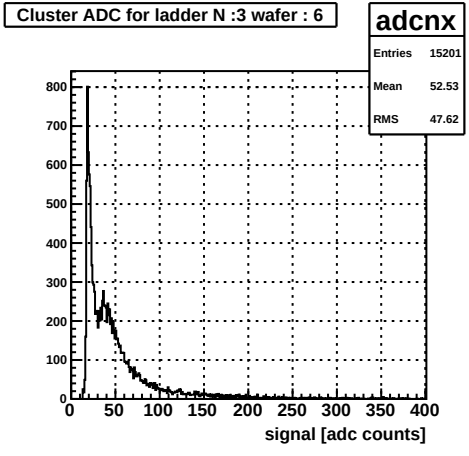

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 23213
Mean 96.15
RMS 75.43
signal [adc counts]

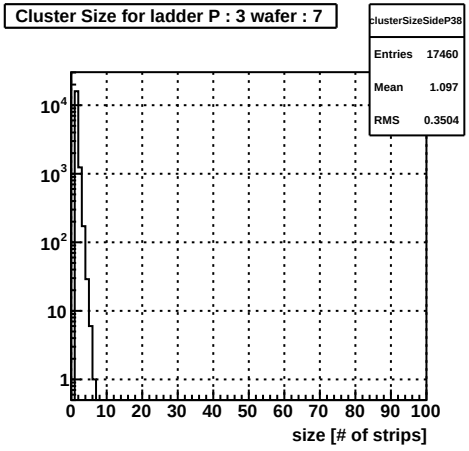

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 13090
Mean 1.169
RMS 0.4506
size [# of strips]

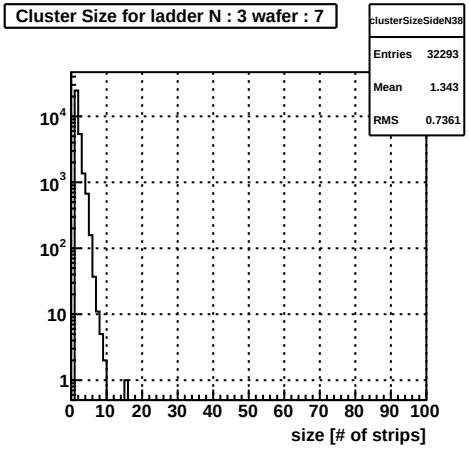

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 15201
Mean 1.356
RMS 0.7211
size [# of strips]

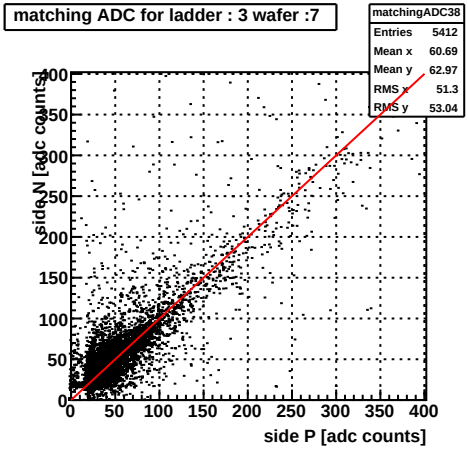

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 5543
Mean x 62.64
Mean y 56.23
RMS x 50.06
RMS y 45.68
side N [adc counts]
side P [adc counts]

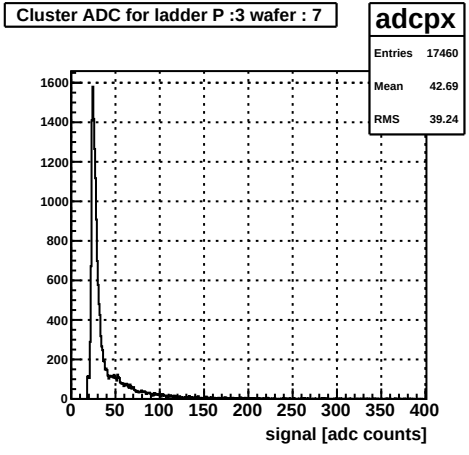

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 13090
Mean 59.95
RMS 54.03
signal [adc counts]

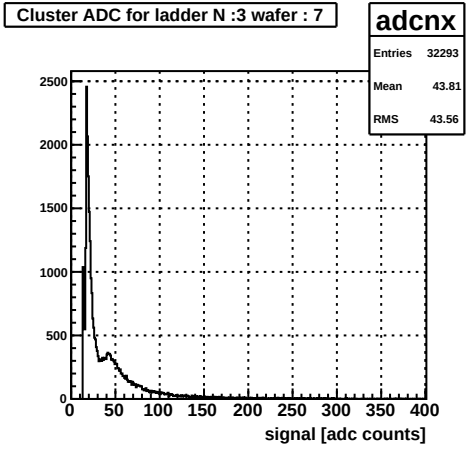

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 15201
Mean 52.53
RMS 47.62
signal [adc counts]

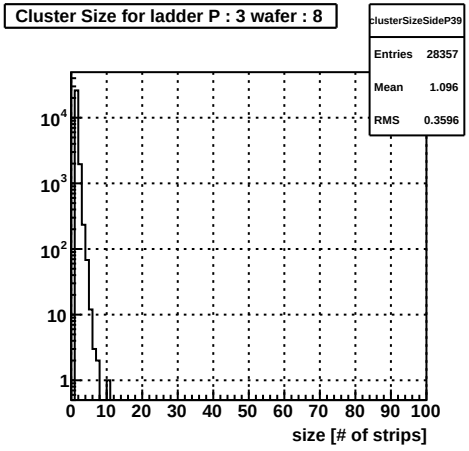

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17460
Mean 1.097
RMS 0.3504
size [# of strips]

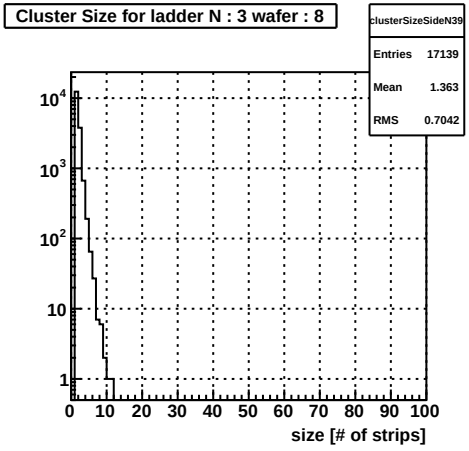

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 32293
Mean 1.343
RMS 0.7361
size [# of strips]

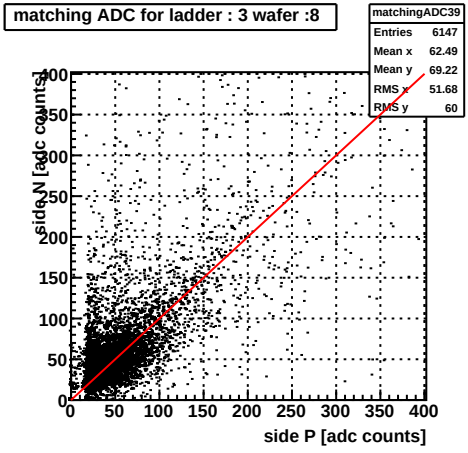

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5412
Mean x 60.69
Mean y 62.97
RMS x 51.3
RMS y 53.04
side N [adc counts]
side P [adc counts]

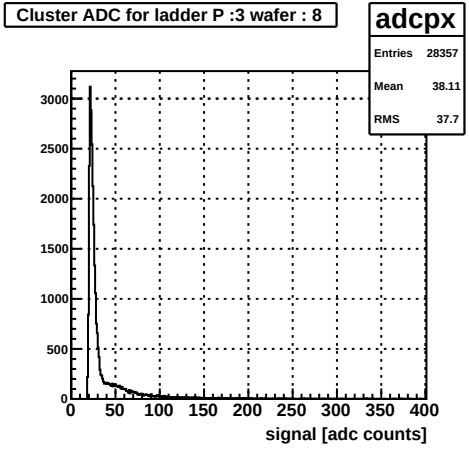

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17460
Mean 42.69
RMS 39.24
signal [adc counts]

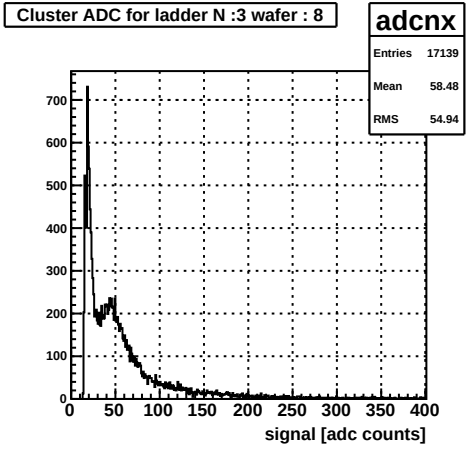

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 32293
Mean 43.81
RMS 43.56
signal [adc counts]

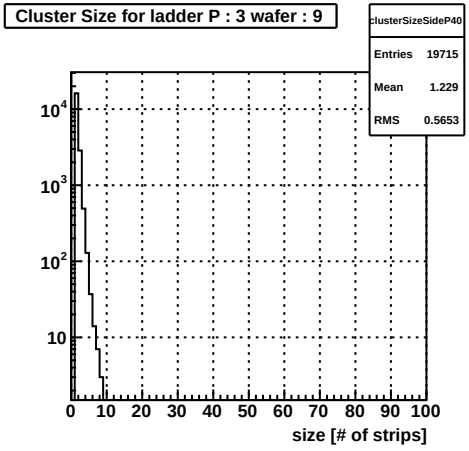

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 28357
Mean 1.096
RMS 0.3596
size [# of strips]

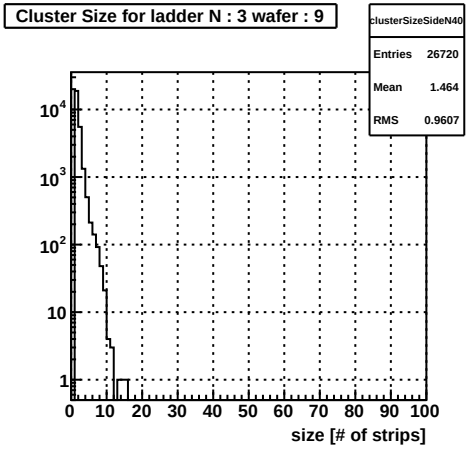

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 17139
Mean 1.363
RMS 0.7042
size [# of strips]

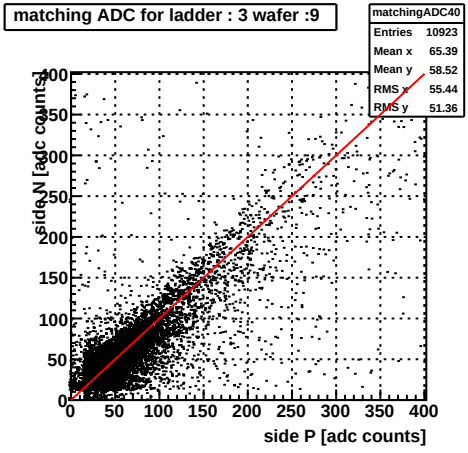

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 6147
Mean x 62.49
Mean y 69.22
RMS x 51.68
RMS y 60
side N [adc counts]
side P [adc counts]

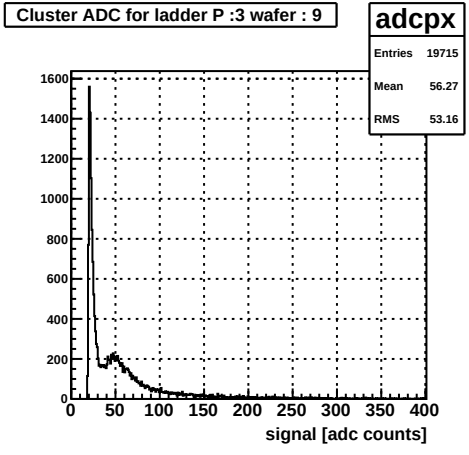

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 28357
Mean 38.11
RMS 37.7
signal [adc counts]

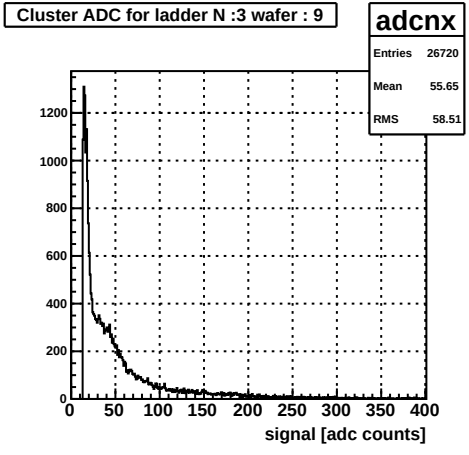

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 17139
Mean 58.48
RMS 54.94
signal [adc counts]

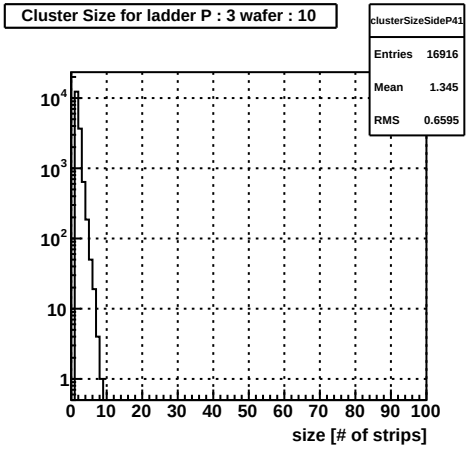

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 19715
Mean 1.229
RMS 0.5653
size [# of strips]

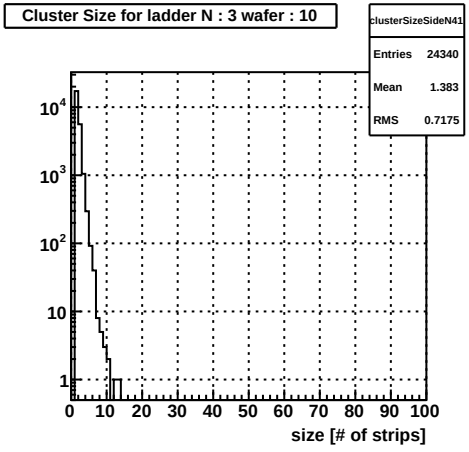

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 26720
Mean 1.464
RMS 0.9607
size [# of strips]

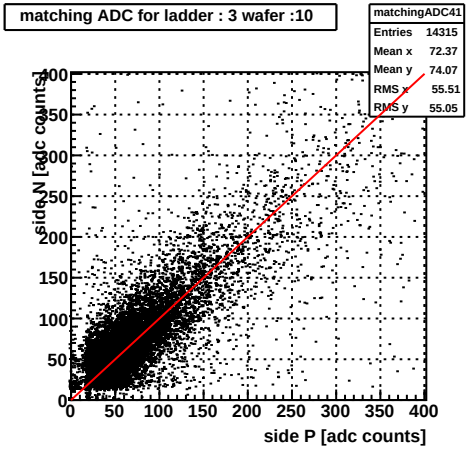

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10923
Mean x 65.39
Mean y 58.52
RMS x 55.44
RMS y 51.36
side N [adc counts]
side P [adc counts]

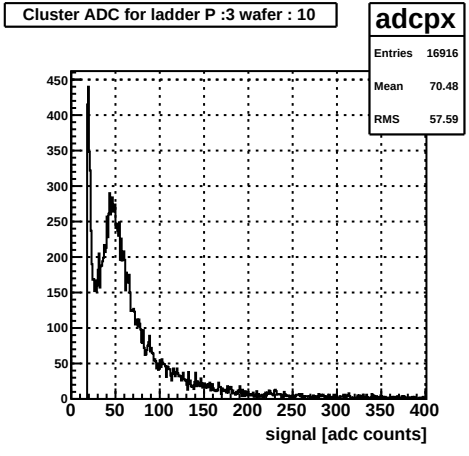

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 19715
Mean 56.27
RMS 53.16
signal [adc counts]

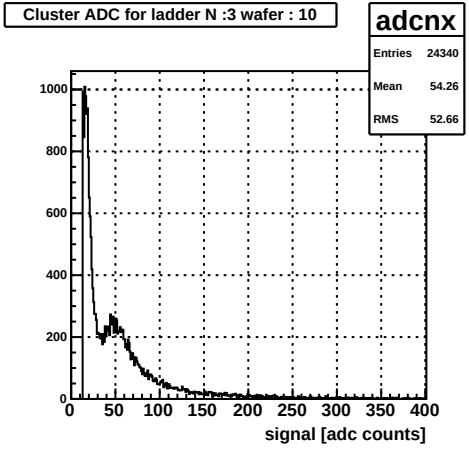

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 26720
Mean 55.65
RMS 58.51
signal [adc counts]

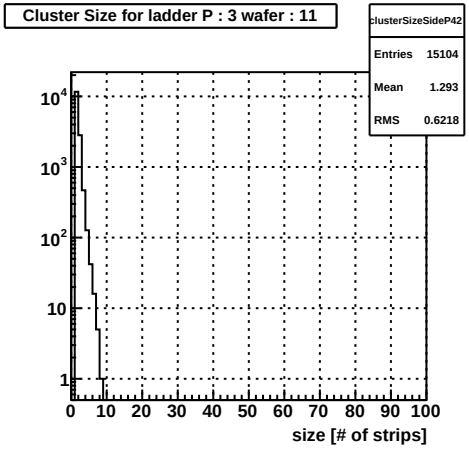

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 16916
Mean 1.345
RMS 0.6595
size [# of strips]

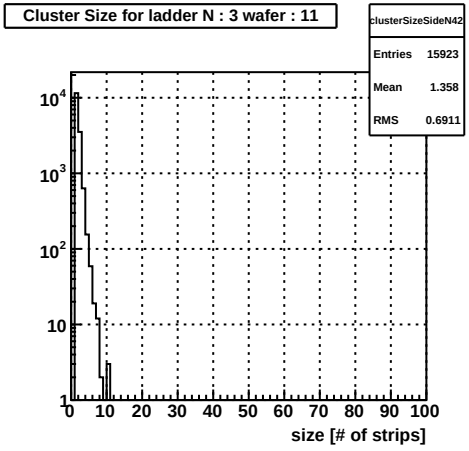

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 24340
Mean 1.383
RMS 0.7175
size [# of strips]

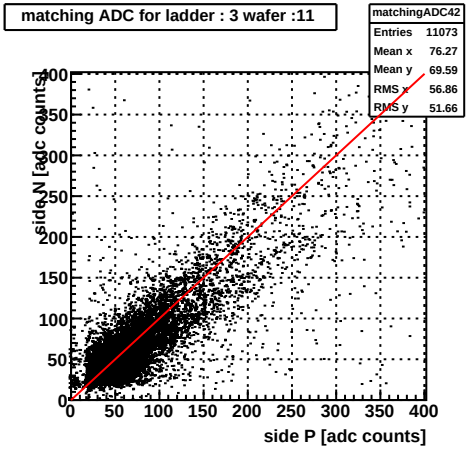

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 14315
Mean x 72.37
Mean y 74.07
RMS x 55.51
RMS y 55.05
side N [adc counts]
side P [adc counts]

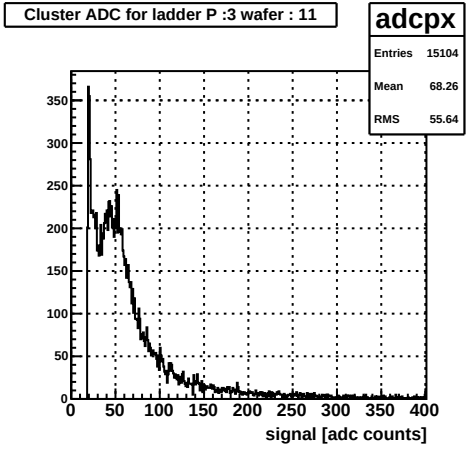

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 16916
Mean 70.48
RMS 57.59
signal [adc counts]

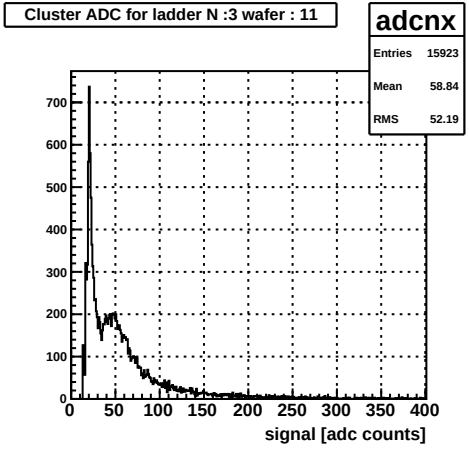

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 24340
Mean 54.26
RMS 52.66
signal [adc counts]

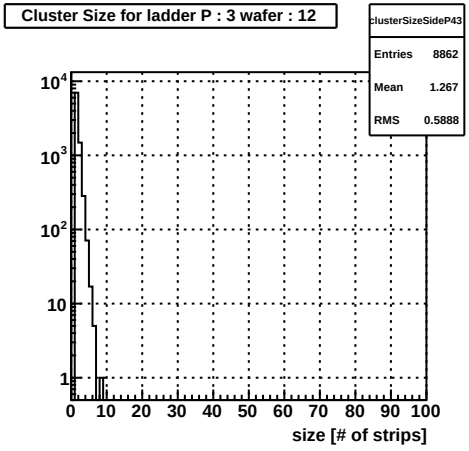

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15104
Mean 1.293
RMS 0.6218
size [# of strips]

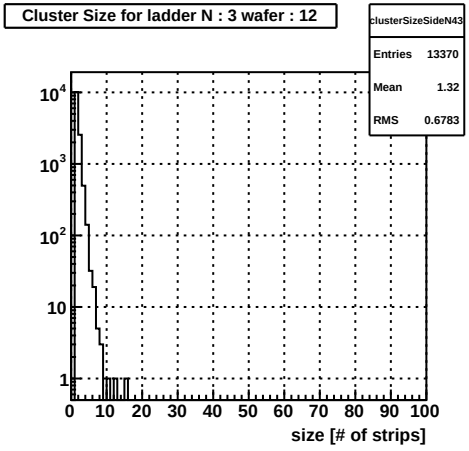

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 15923
Mean 1.358
RMS 0.6911
size [# of strips]

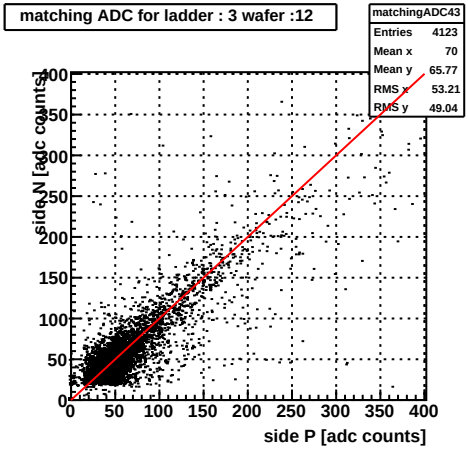

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 11073
Mean x 76.27
Mean y 69.59
RMS x 56.86
RMS y 51.66
side N [adc counts]
side P [adc counts]

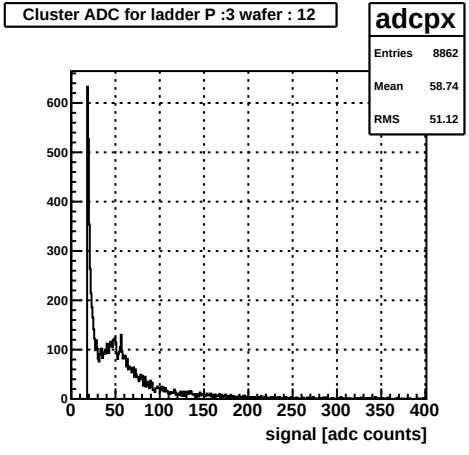

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15104
Mean 68.26
RMS 55.64
signal [adc counts]

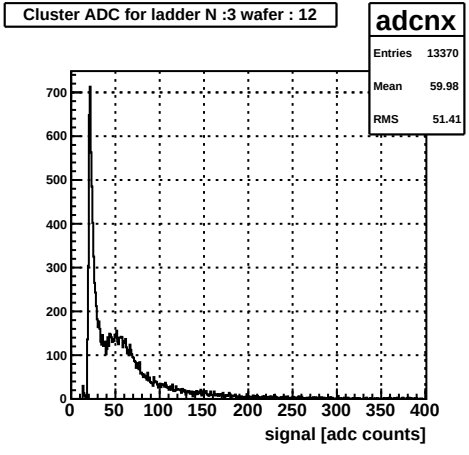

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 15923
Mean 58.84
RMS 52.19
signal [adc counts]

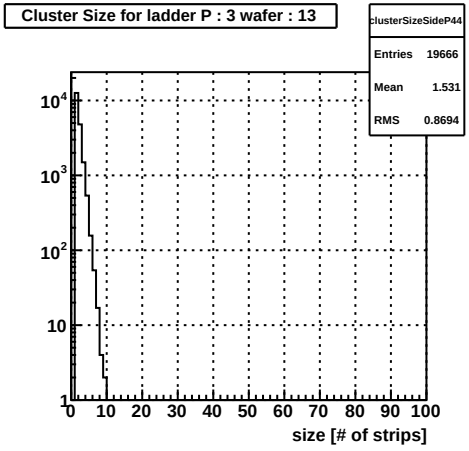

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 8862
Mean 1.267
RMS 0.5888
size [# of strips]

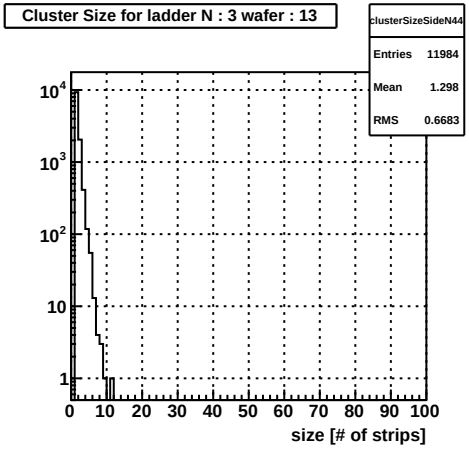

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 13370
Mean 1.32
RMS 0.6783
size [# of strips]

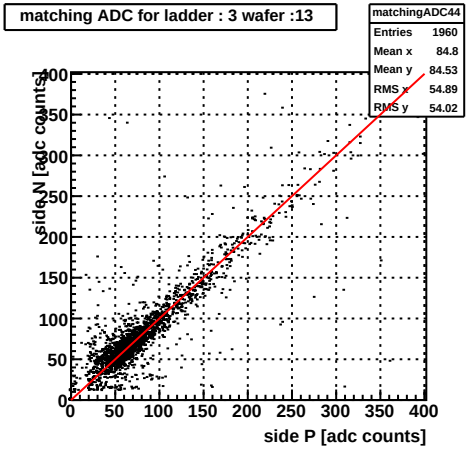

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4123
Mean x 70
Mean y 65.77
RMS x 53.21
RMS y 49.04
side N [adc counts]
side P [adc counts]

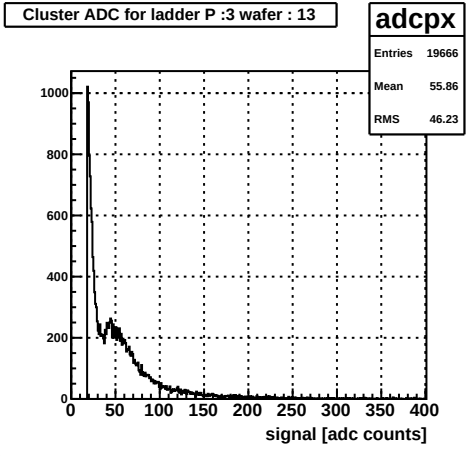

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 8862
Mean 58.74
RMS 51.12
signal [adc counts]

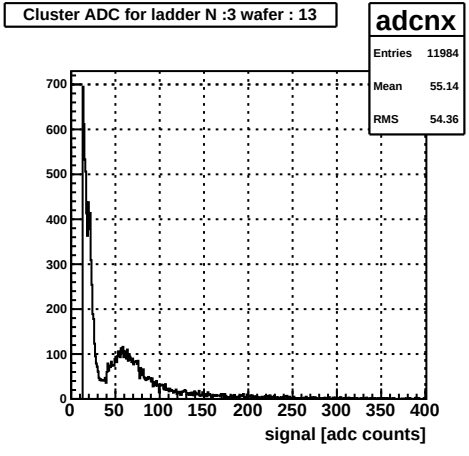

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 13370
Mean 59.98
RMS 51.41
signal [adc counts]

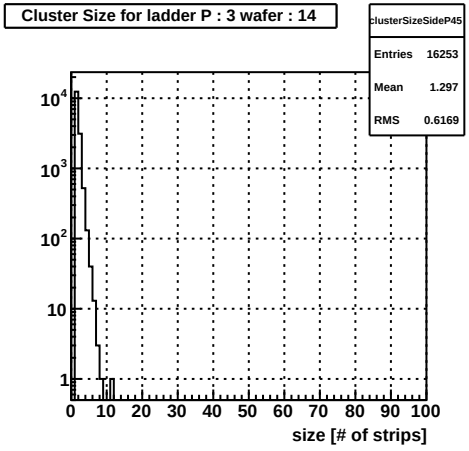

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 19666
Mean 1.531
RMS 0.8694
size [# of strips]

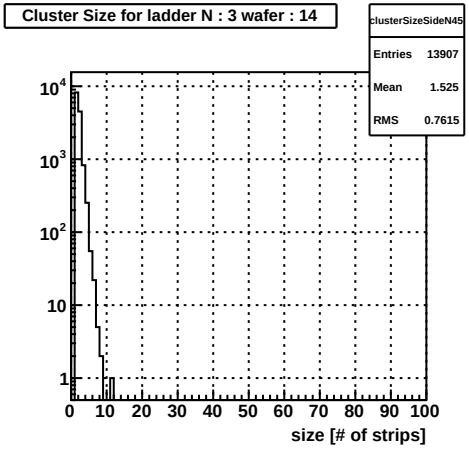

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 11984
Mean 1.298
RMS 0.6683
size [# of strips]

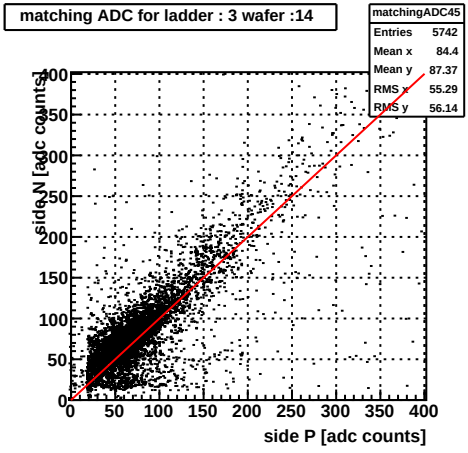

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1960
Mean x 84.8
Mean y 84.53
RMS x 54.89
RMS y 54.02
side N [adc counts]
side P [adc counts]

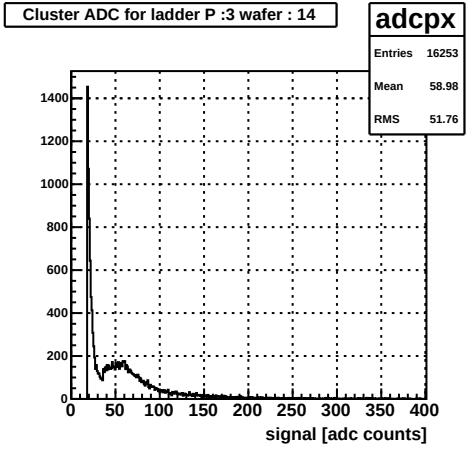

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 19666
Mean 55.86
RMS 46.23
signal [adc counts]

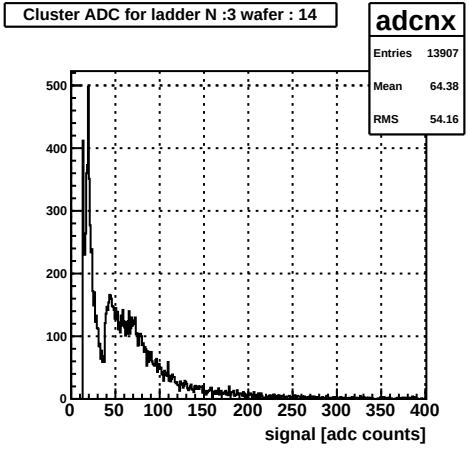

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 11984
Mean 55.14
RMS 54.36
signal [adc counts]

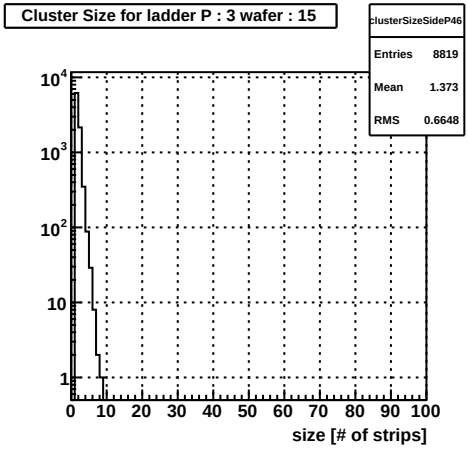

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 16253
Mean 1.297
RMS 0.6169
size [# of strips]

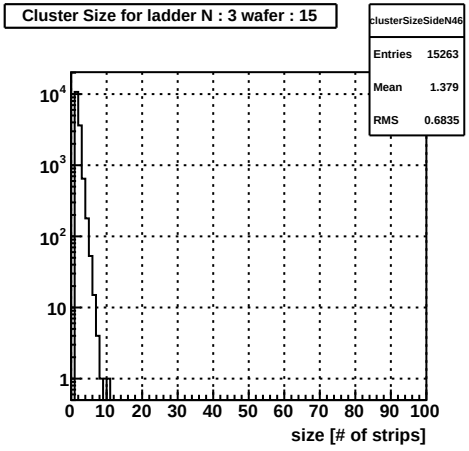

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 13907
Mean 1.525
RMS 0.7615
size [# of strips]

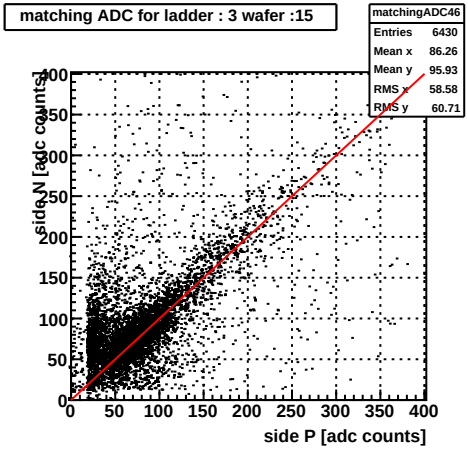

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5742
Mean x 84.4
Mean y 87.37
RMS x 55.29
RMS y 56.14
side N [adc counts]
side P [adc counts]

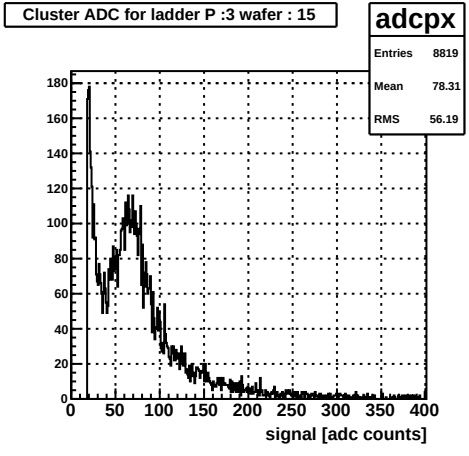

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 16253
Mean 58.98
RMS 51.76
signal [adc counts]

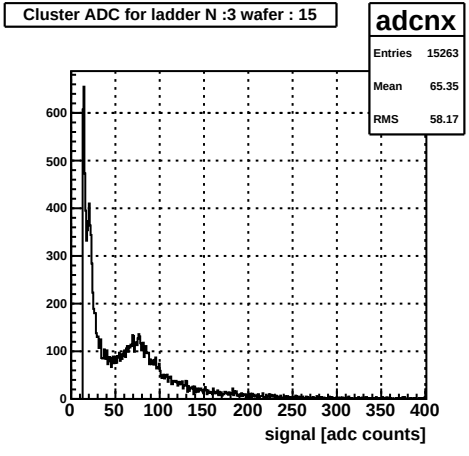

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 13907
Mean 64.38
RMS 54.16
signal [adc counts]

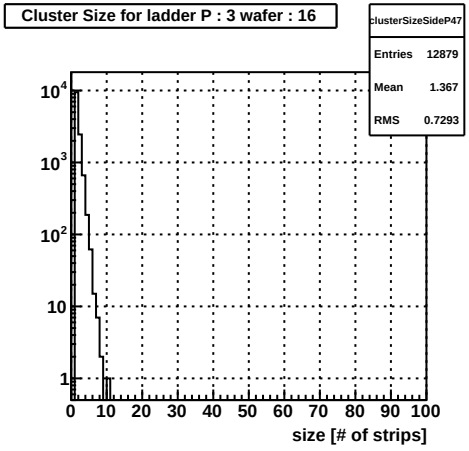

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 8819
Mean 1.373
RMS 0.6648
size [# of strips]

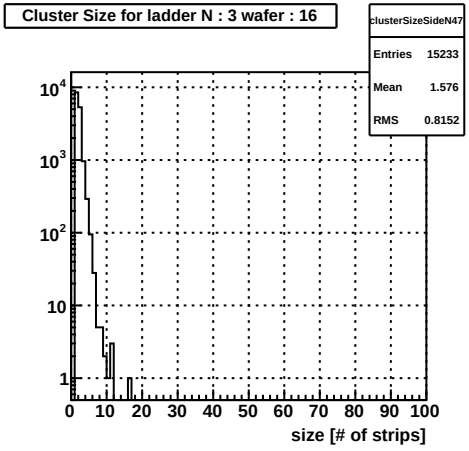

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15263
Mean 1.379
RMS 0.6835
size [# of strips]

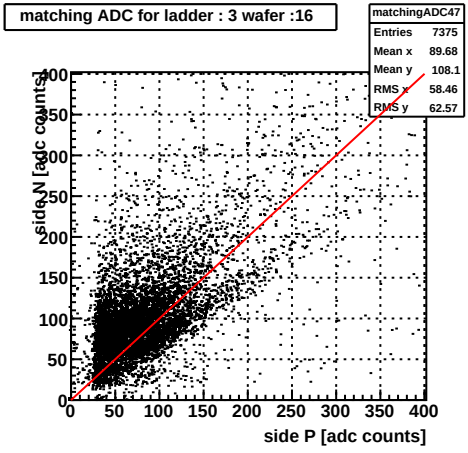

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6430
Mean x 86.26
Mean y 95.93
RMS x 58.58
RMS y 60.71
side N [adc counts]
side P [adc counts]

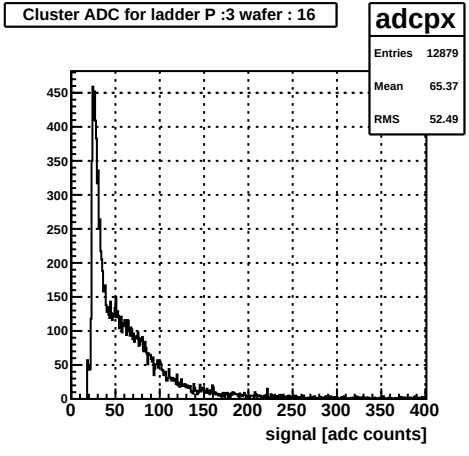

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 8819
Mean 78.31
RMS 56.19
signal [adc counts]

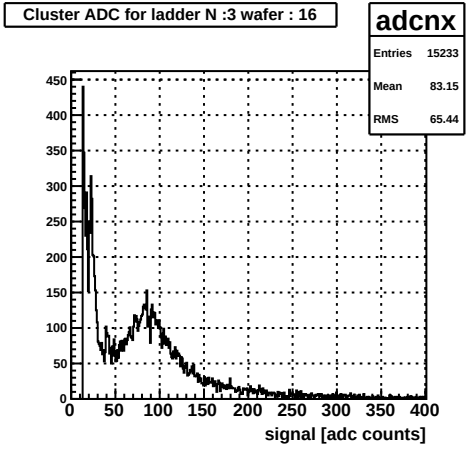

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15263
Mean 65.35
RMS 58.17
signal [adc counts]

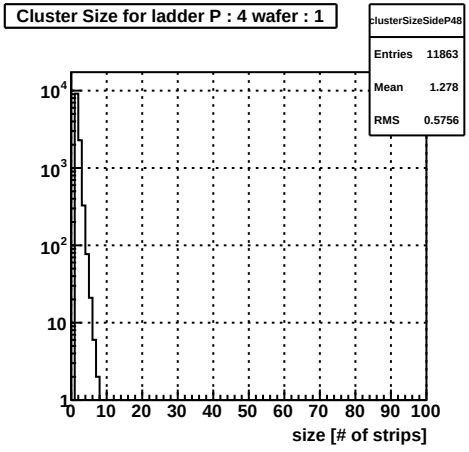

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 12879
Mean 1.367
RMS 0.7293
size [# of strips]

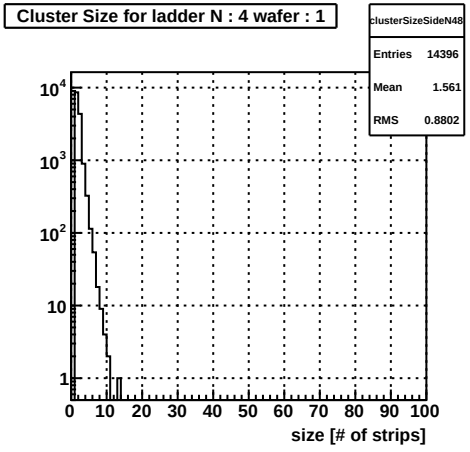

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 15233
Mean 1.576
RMS 0.8152
size [# of strips]

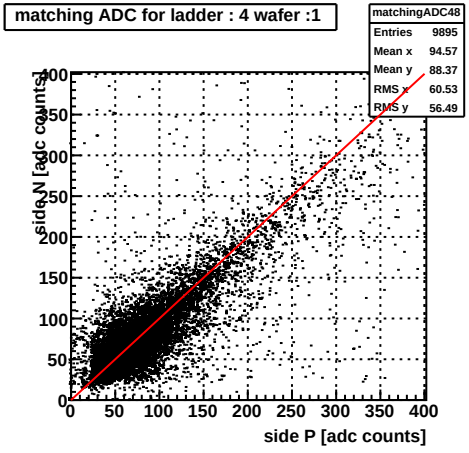

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 7375
Mean x 89.68
Mean y 108.1
RMS x 58.46
RMS y 62.57
side N [adc counts]
side P [adc counts]

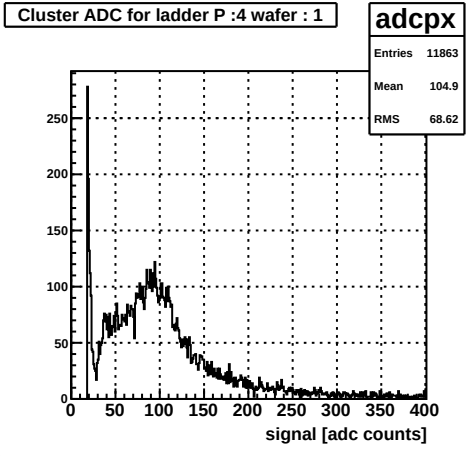

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 12879
Mean 65.37
RMS 52.49
signal [adc counts]

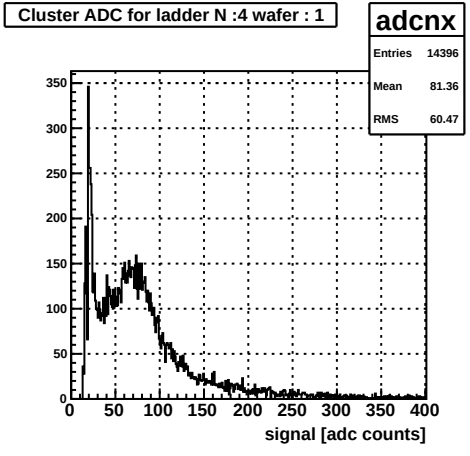

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 15233
Mean 83.15
RMS 65.44
signal [adc counts]

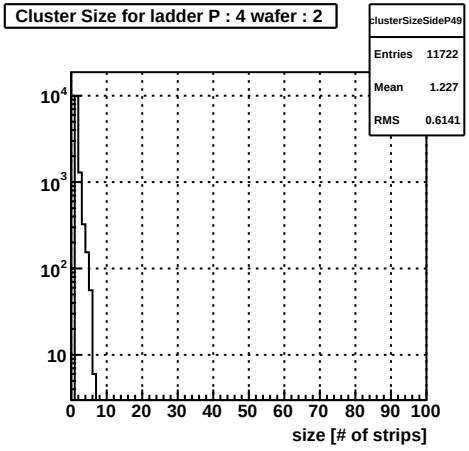

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 11863
Mean 1.278
RMS 0.5756
size [# of strips]

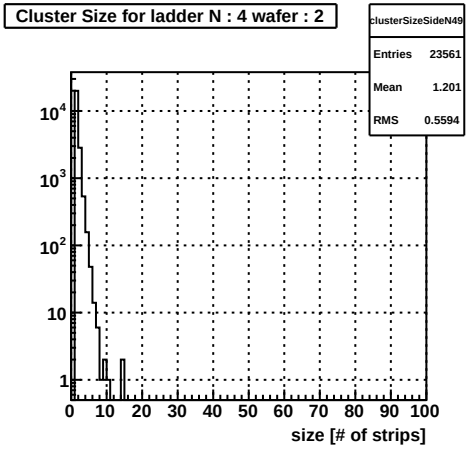

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 14396
Mean 1.561
RMS 0.8802
size [# of strips]

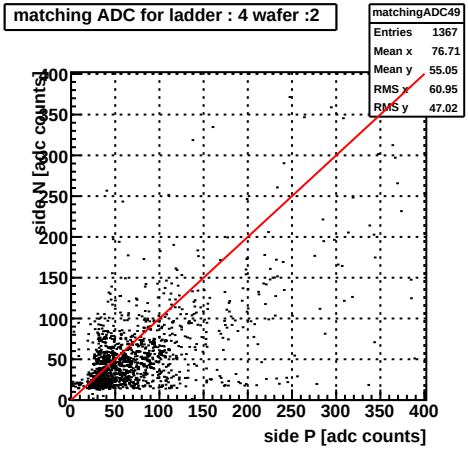

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9895
Mean x 94.57
Mean y 88.37
RMS x 60.53
RMS y 56.49
side N [adc counts]
side P [adc counts]

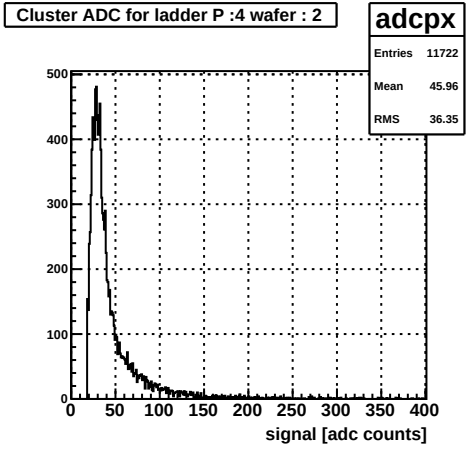

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 11863
Mean 104.9
RMS 68.62
signal [adc counts]

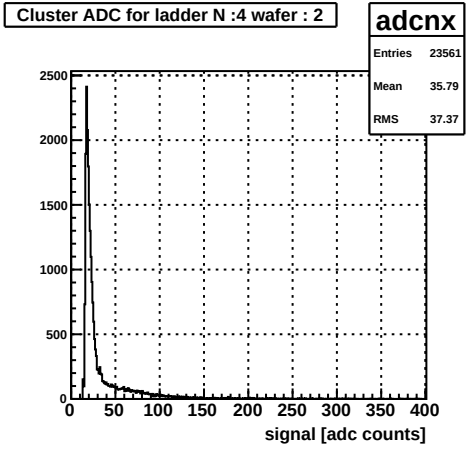

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 14396
Mean 81.36
RMS 60.47
signal [adc counts]

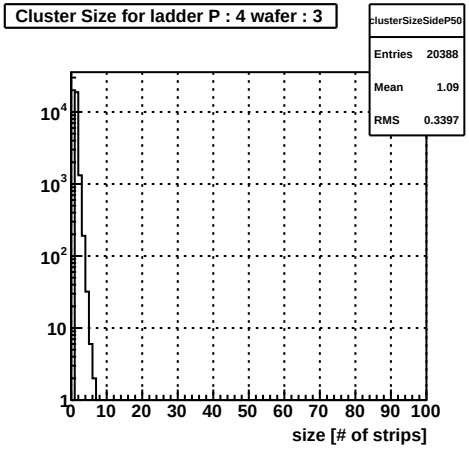

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 11722
Mean 1.227
RMS 0.6141
size [# of strips]

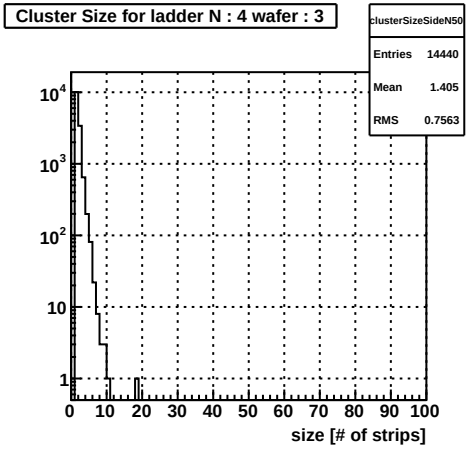

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23561
Mean 1.201
RMS 0.5594
size [# of strips]

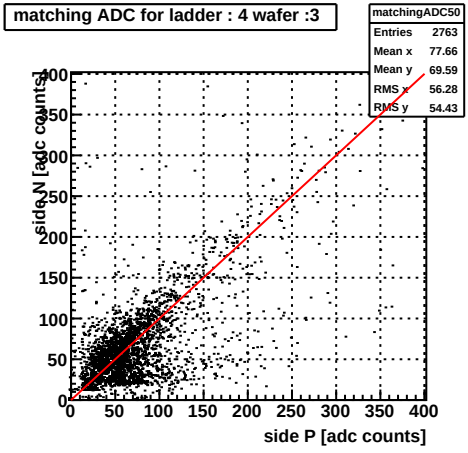

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1367
Mean x 76.71
Mean y 55.05
RMS x 60.95
RMS y 47.02
side N [adc counts]
side P [adc counts]

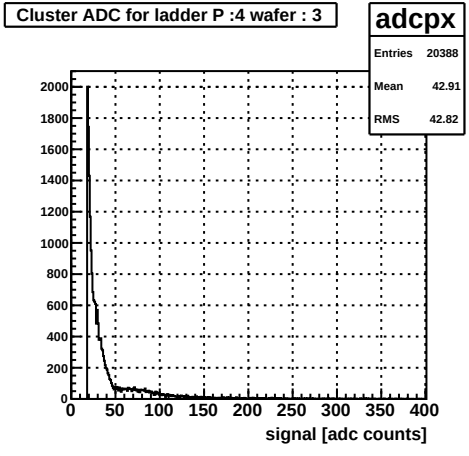

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 11722
Mean 45.96
RMS 36.35
signal [adc counts]

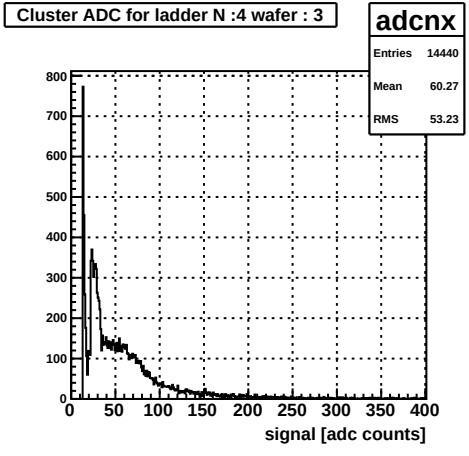

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23561
Mean 35.79
RMS 37.37
signal [adc counts]

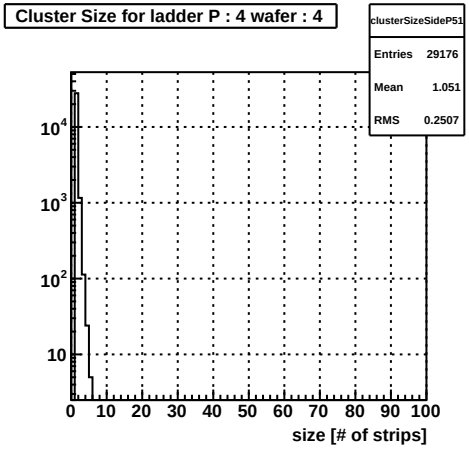

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 20388
Mean 1.09
RMS 0.3397
size [# of strips]

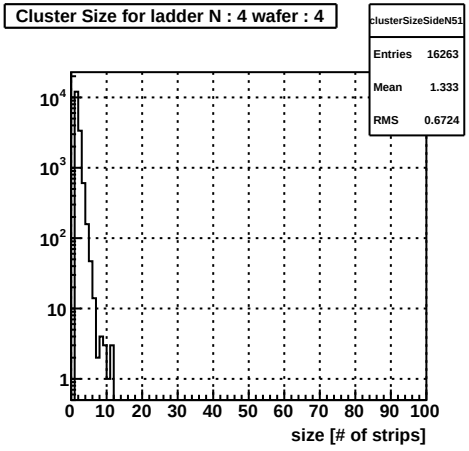

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 14440
Mean 1.405
RMS 0.7563
size [# of strips]

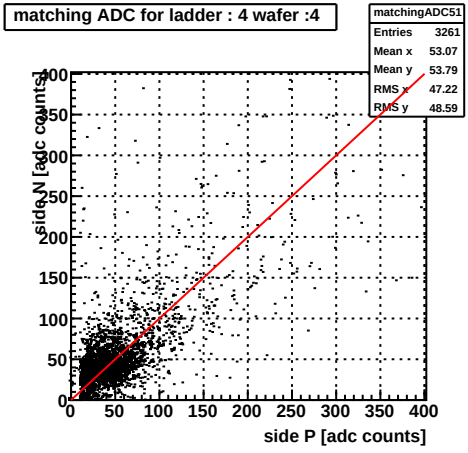

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2763
Mean x 77.66
Mean y 69.59
RMS x 56.28
RMS y 54.43
side N [adc counts]
side P [adc counts]

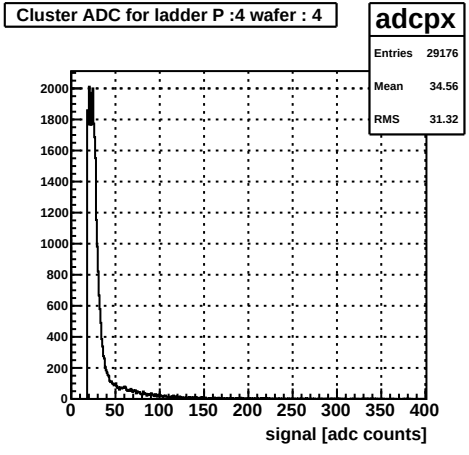

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 20388
Mean 42.91
RMS 42.82
signal [adc counts]

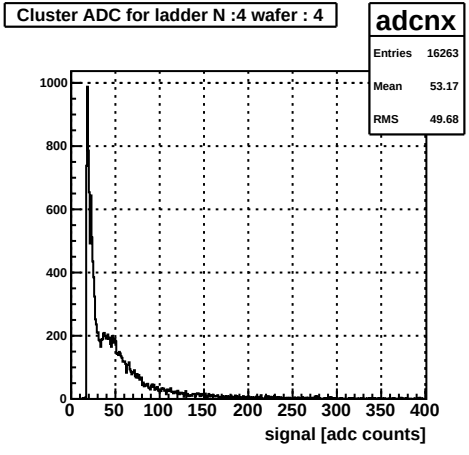

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 14440
Mean 60.27
RMS 53.23
signal [adc counts]

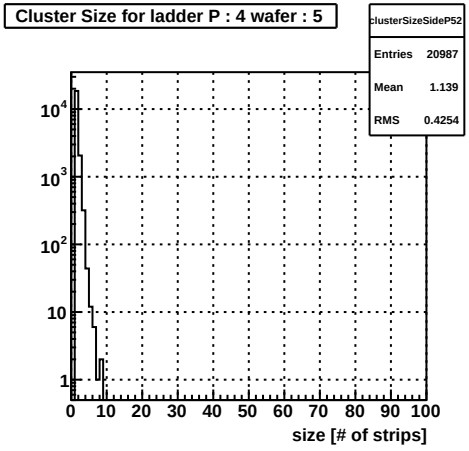

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 29176
Mean 1.051
RMS 0.2507
size [# of strips]

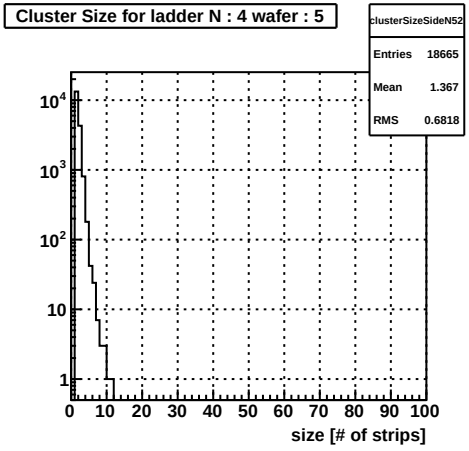

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 16263
Mean 1.333
RMS 0.6724
size [# of strips]

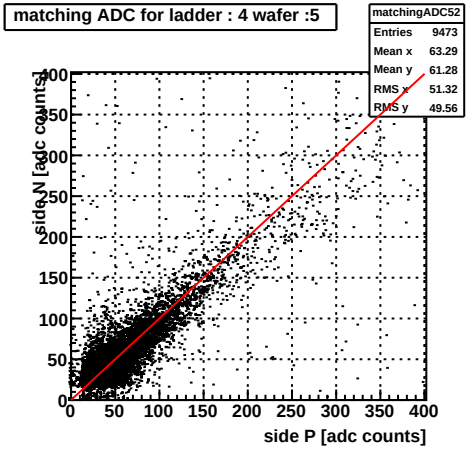

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3261
Mean x 53.07
Mean y 53.79
RMS x 47.22
RMS y 48.59
side N [adc counts]
side P [adc counts]

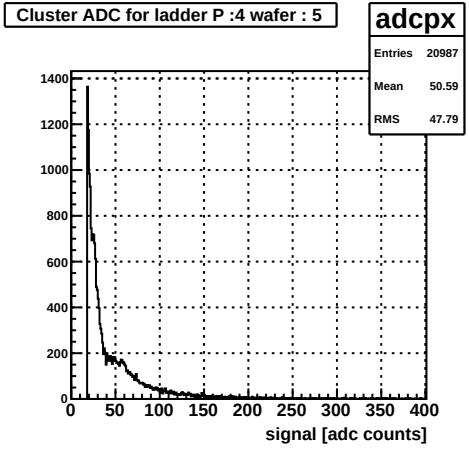

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 29176
Mean 34.56
RMS 31.32
signal [adc counts]

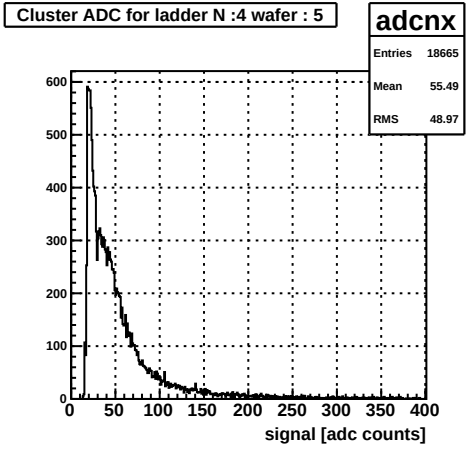

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 16263
Mean 53.17
RMS 49.68
signal [adc counts]

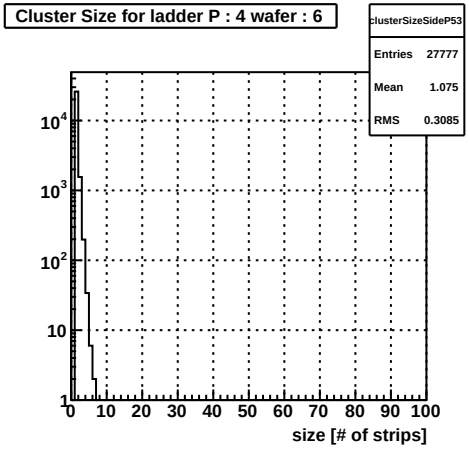

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 20987
Mean 1.139
RMS 0.4254
size [# of strips]

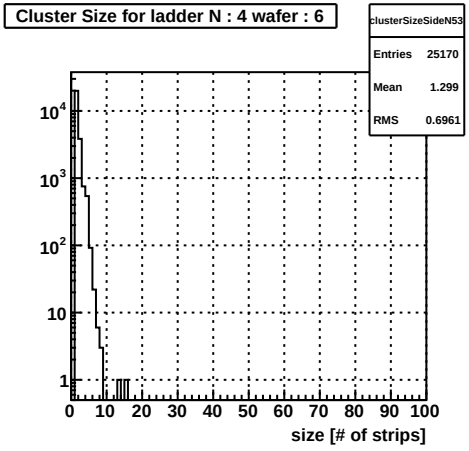

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 18665
Mean 1.367
RMS 0.6818
size [# of strips]

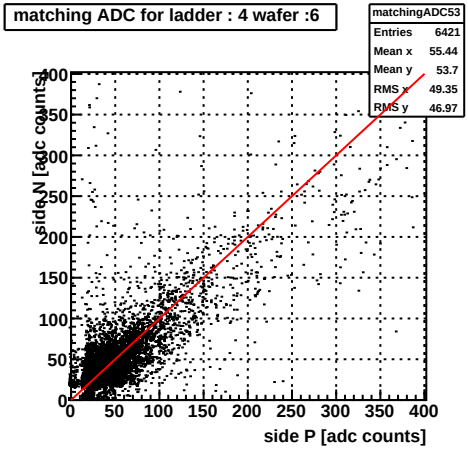

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9473
Mean x 63.29
Mean y 61.28
RMS x 51.32
RMS y 49.56
side N [adc counts]
side P [adc counts]

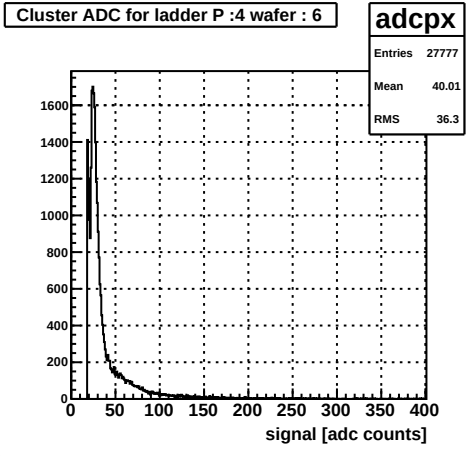

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 20987
Mean 50.59
RMS 47.79
signal [adc counts]

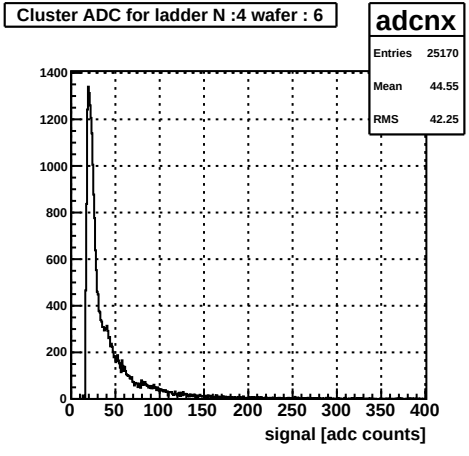

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 18665
Mean 55.49
RMS 48.97
signal [adc counts]

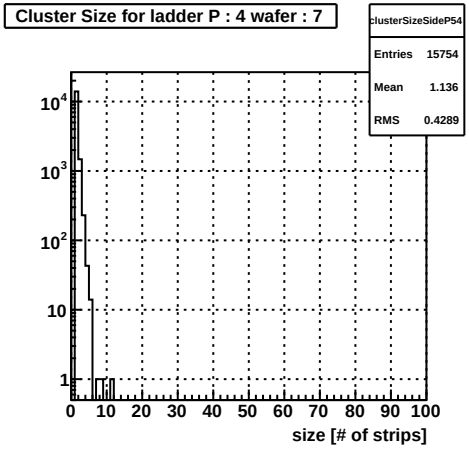

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 27777
Mean 1.075
RMS 0.3085
size [# of strips]

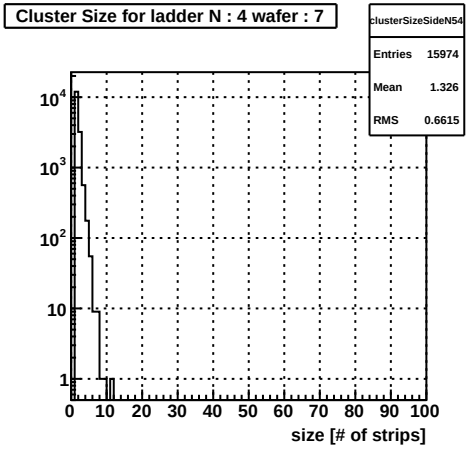

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 25170
Mean 1.299
RMS 0.6961
size [# of strips]

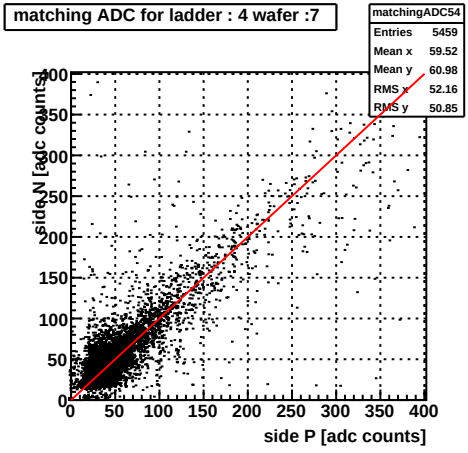

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6421
Mean x 55.44
Mean y 53.7
RMS x 49.35
RMS y 46.97
side N [adc counts]
side P [adc counts]

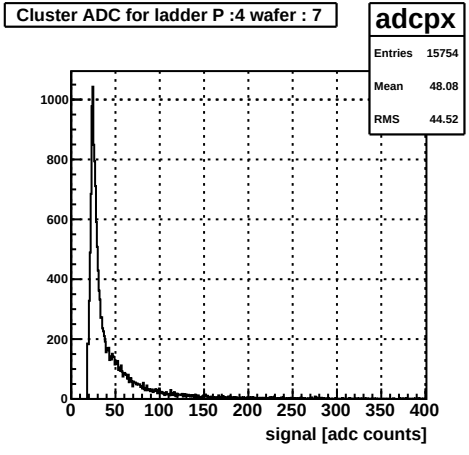

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 27777
Mean 40.01
RMS 36.3
signal [adc counts]

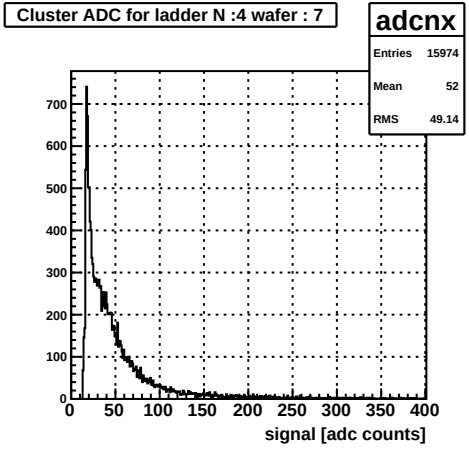

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 25170
Mean 44.55
RMS 42.25
signal [adc counts]

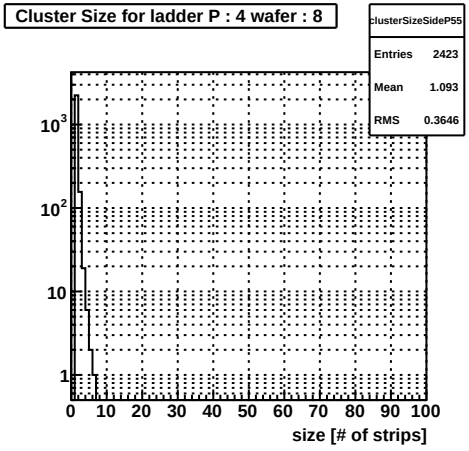

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 15754
Mean 1.136
RMS 0.4289
size [# of strips]

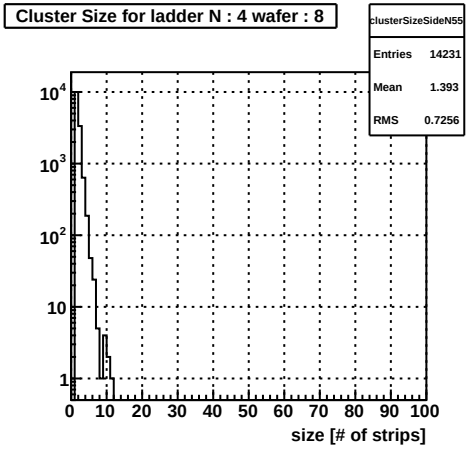

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 15974
Mean 1.326
RMS 0.6615
size [# of strips]

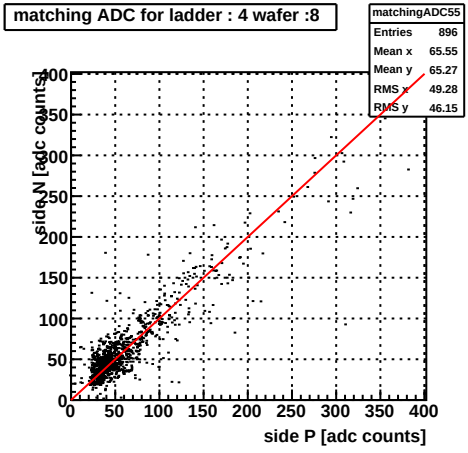

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5459
Mean x 59.52
Mean y 60.98
RMS x 52.16
RMS y 50.85
side N [adc counts]
side P [adc counts]

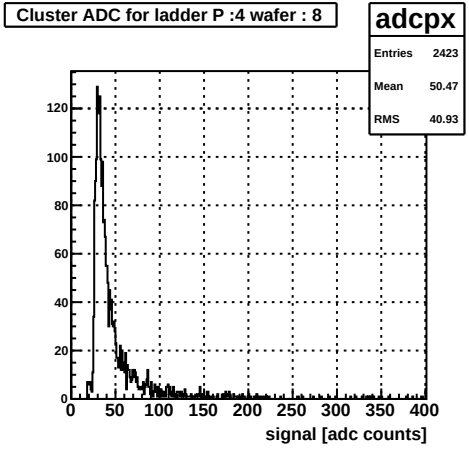

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 15754
Mean 48.08
RMS 44.52
signal [adc counts]

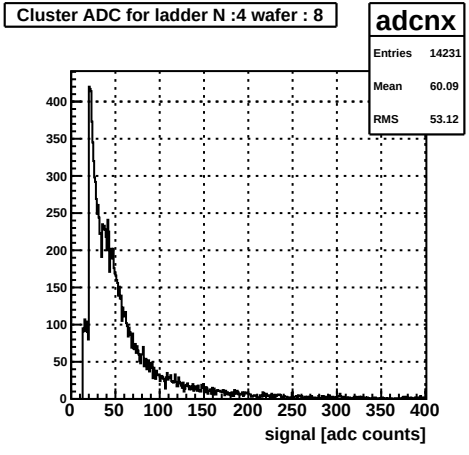

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 15974
Mean 52
RMS 49.14
signal [adc counts]

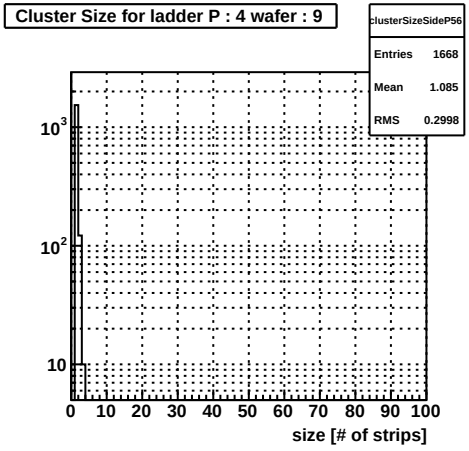

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2423
Mean 1.093
RMS 0.3646
size [# of strips]

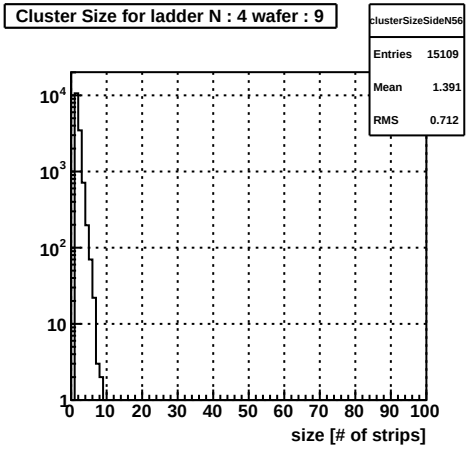

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 14231
Mean 1.393
RMS 0.7256
size [# of strips]

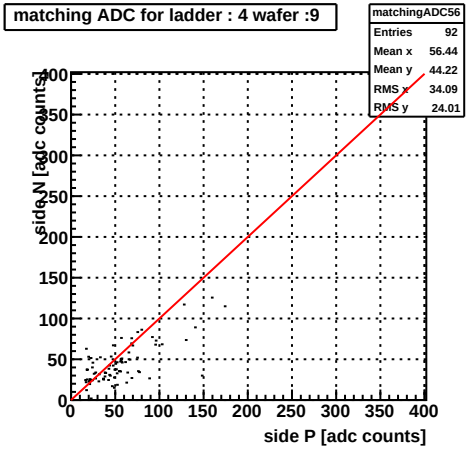

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 896
Mean x 65.55
Mean y 65.27
RMS x 49.28
RMS y 46.15
side N [adc counts]
side P [adc counts]

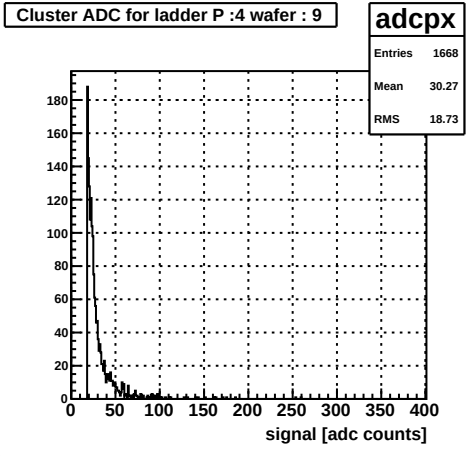

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2423
Mean 50.47
RMS 40.93
signal [adc counts]

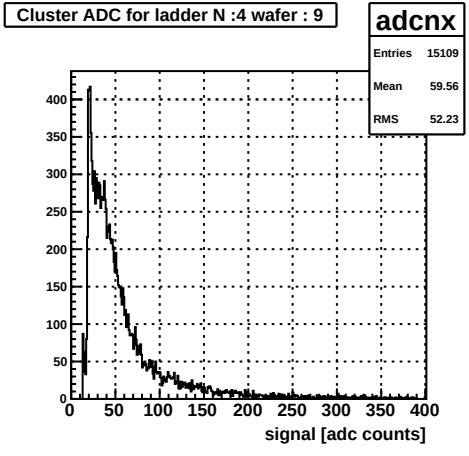

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 14231
Mean 60.09
RMS 53.12
signal [adc counts]

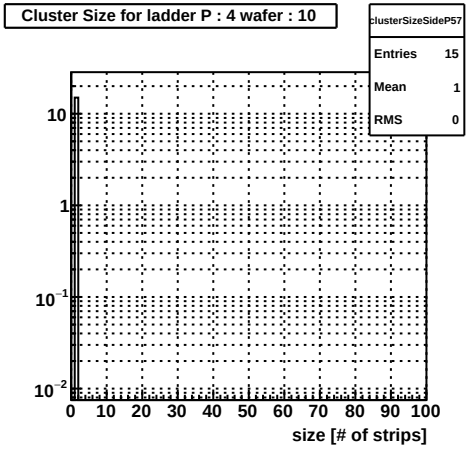

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1668
Mean 1.085
RMS 0.2998
size [# of strips]

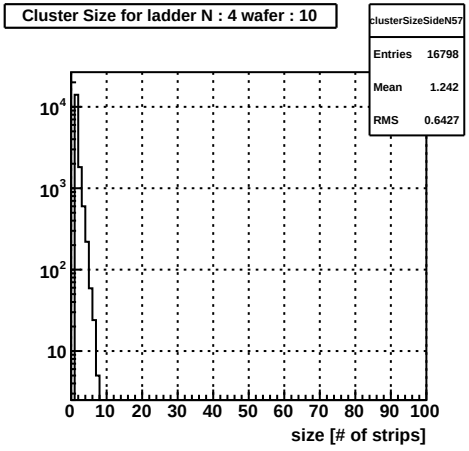

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 15109
Mean 1.391
RMS 0.712
size [# of strips]

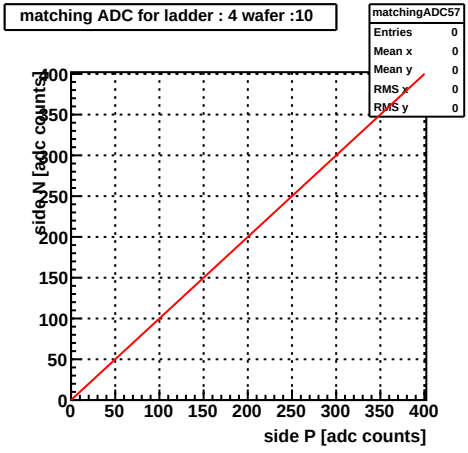

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 92
Mean x 56.44
Mean y 44.22
RMS x 34.09
RMS y 24.01
side N [adc counts]
side P [adc counts]

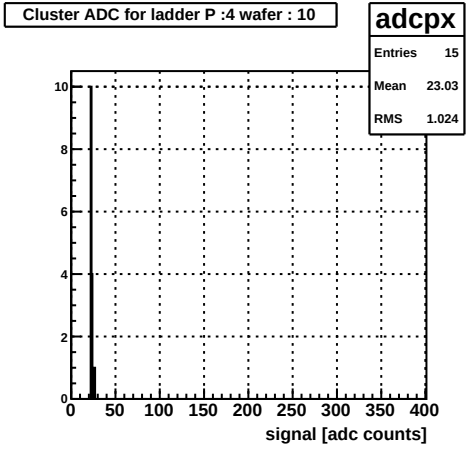

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1668
Mean 30.27
RMS 18.73
signal [adc counts]

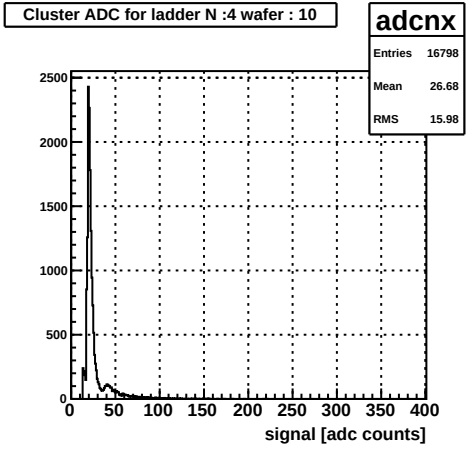

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 15109
Mean 59.56
RMS 52.23
signal [adc counts]

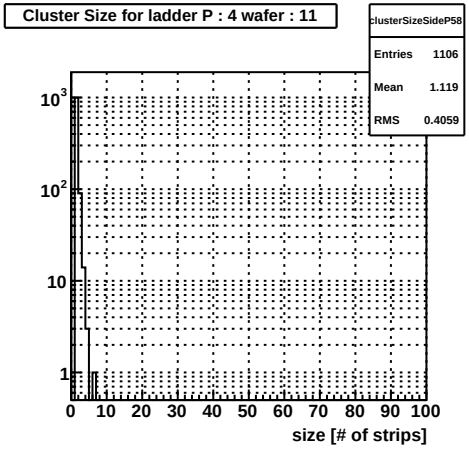

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 15
Mean 1
RMS 0
size [# of strips]

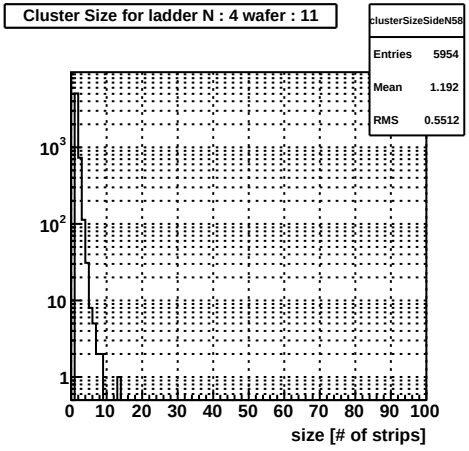

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16798
Mean 1.242
RMS 0.6427
size [# of strips]

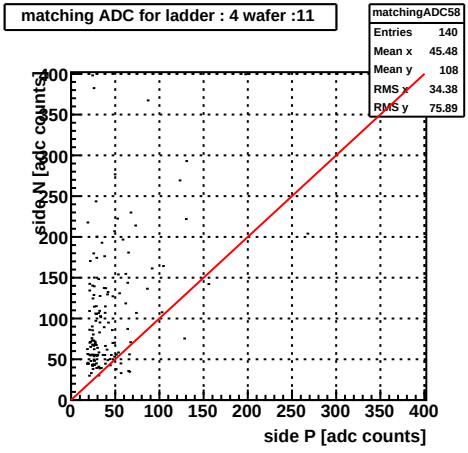

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

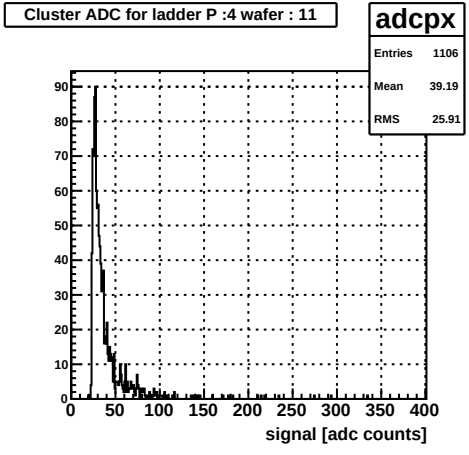

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 15
Mean 23.03
RMS 1.024
signal [adc counts]

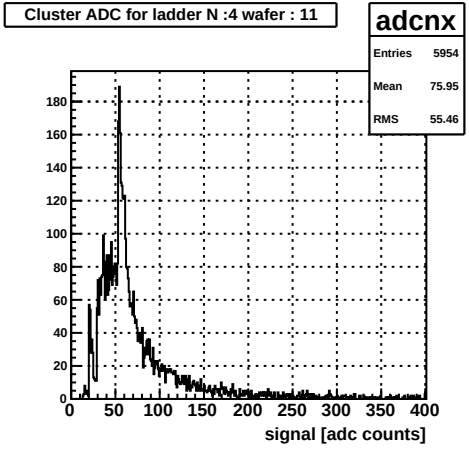

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16798
Mean 26.68
RMS 15.98
signal [adc counts]

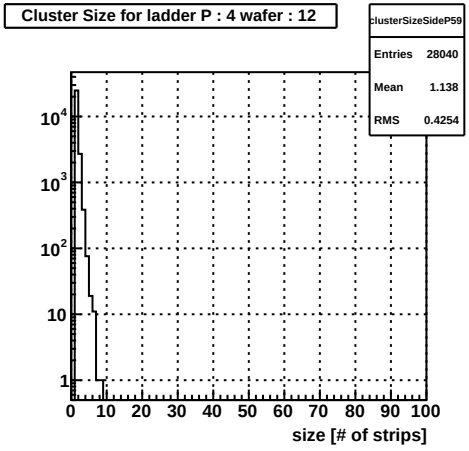

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1106
Mean 1.119
RMS 0.4059
size [# of strips]

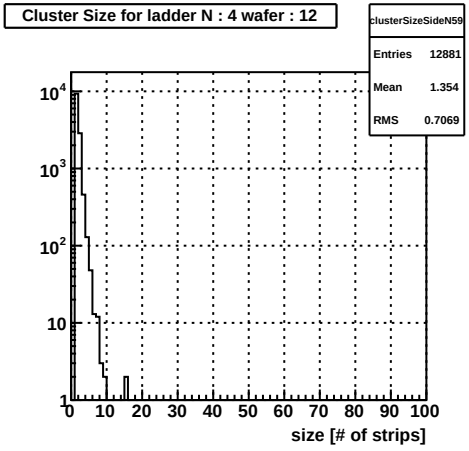

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 5954
Mean 1.192
RMS 0.5512
size [# of strips]

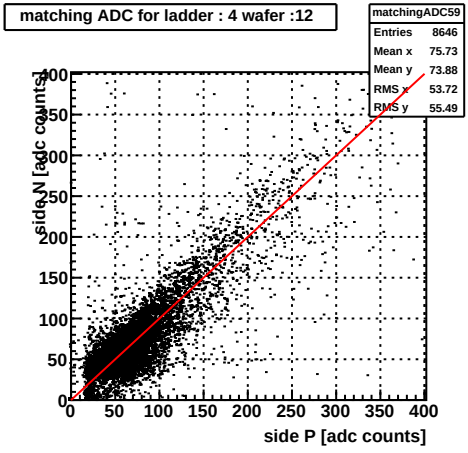

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 140
Mean x 45.48
Mean y 108
RMS x 34.38
RMS y 75.89
side N [adc counts]
side P [adc counts]

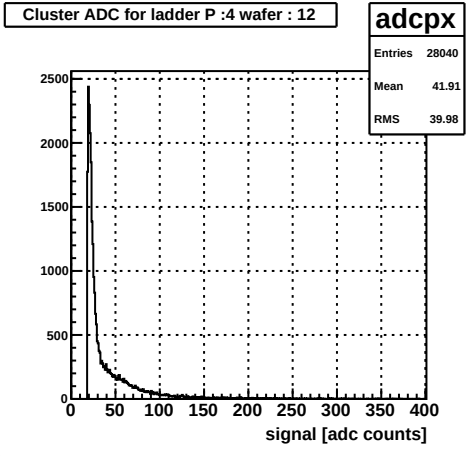

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1106
Mean 39.19
RMS 25.91
signal [adc counts]

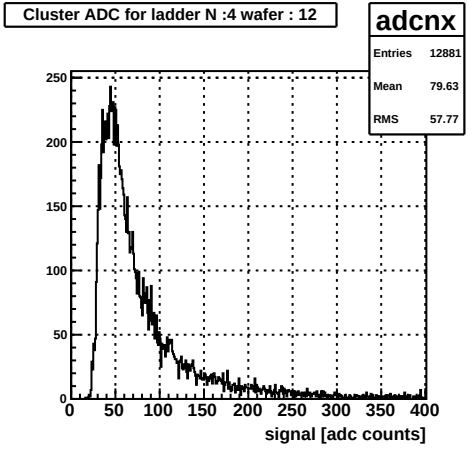

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 5954
Mean 75.95
RMS 55.46
signal [adc counts]

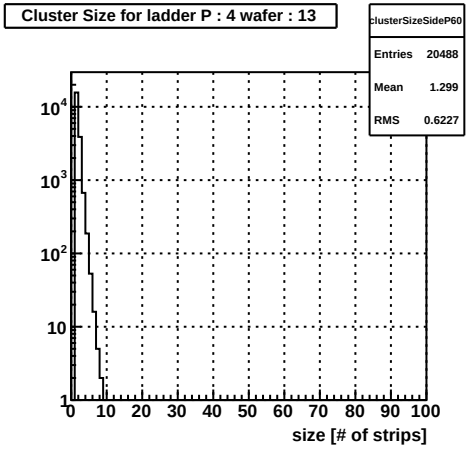

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 28040
Mean 1.138
RMS 0.4254
size [# of strips]

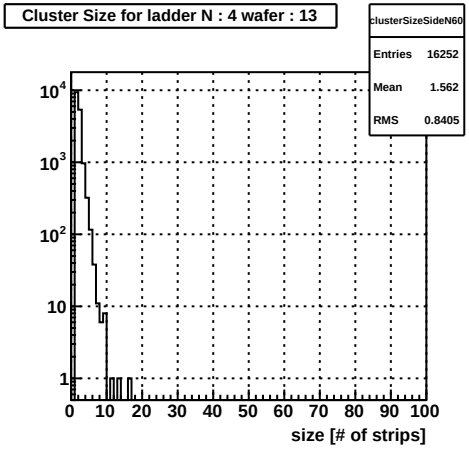

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 12881
Mean 1.354
RMS 0.7069
size [# of strips]

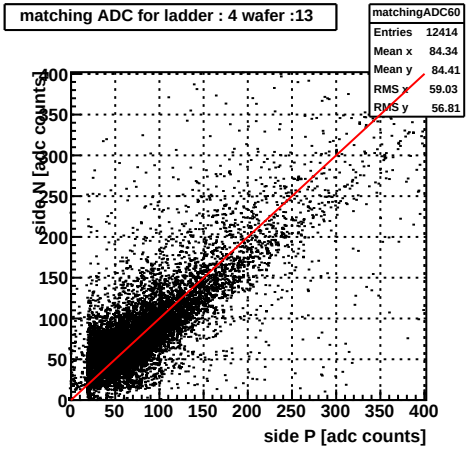

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 8646
Mean x 75.73
Mean y 73.88
RMS x 53.72
RMS y 55.49
side N [adc counts]
side P [adc counts]

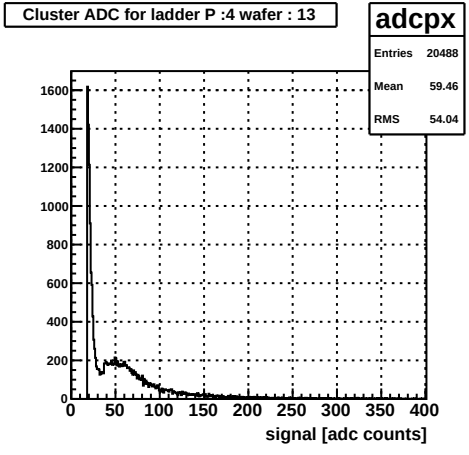

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 28040
Mean 41.91
RMS 39.98
signal [adc counts]

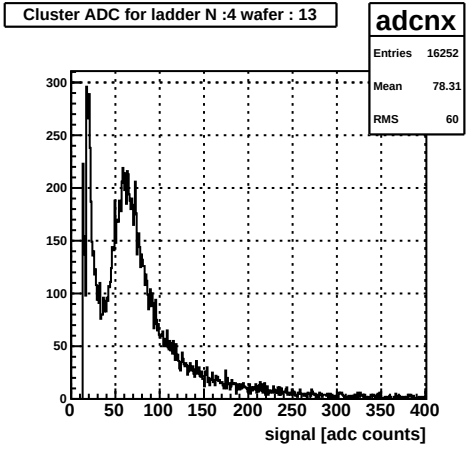

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 12881
Mean 79.63
RMS 57.77
signal [adc counts]

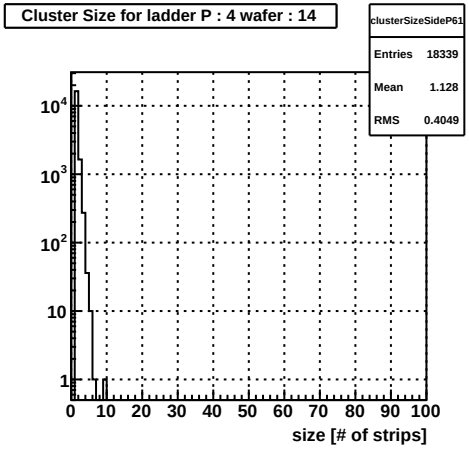

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 20488
Mean 1.299
RMS 0.6227
size [# of strips]

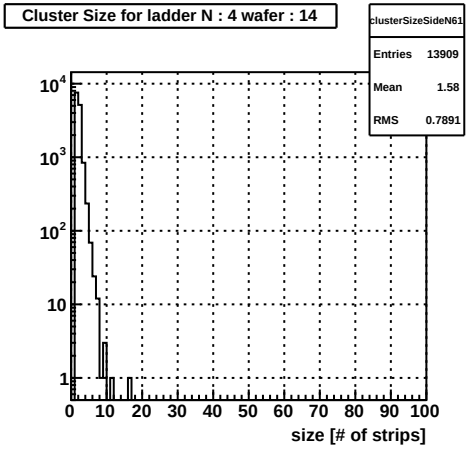

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 16252
Mean 1.562
RMS 0.8405
size [# of strips]

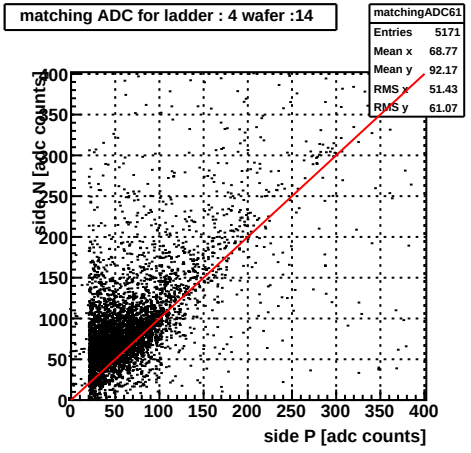

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 12414
Mean x 84.34
Mean y 84.41
RMS x 59.03
RMS y 56.81
side N [adc counts]
side P [adc counts]

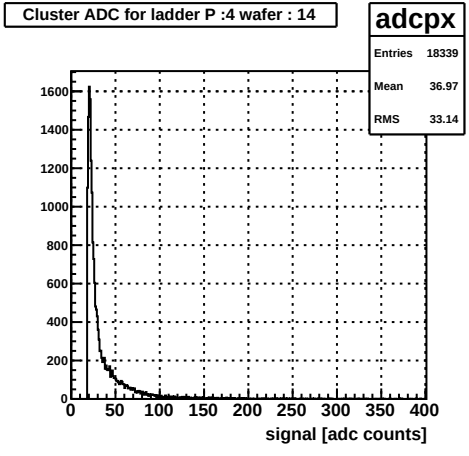

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 20488
Mean 59.46
RMS 54.04
signal [adc counts]

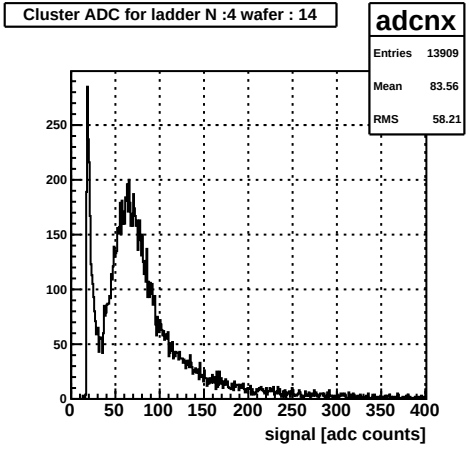

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 16252
Mean 78.31
RMS 60
signal [adc counts]

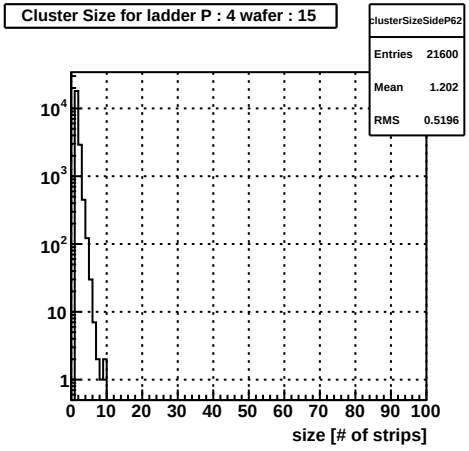

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 18339
Mean 1.128
RMS 0.4049
size [# of strips]

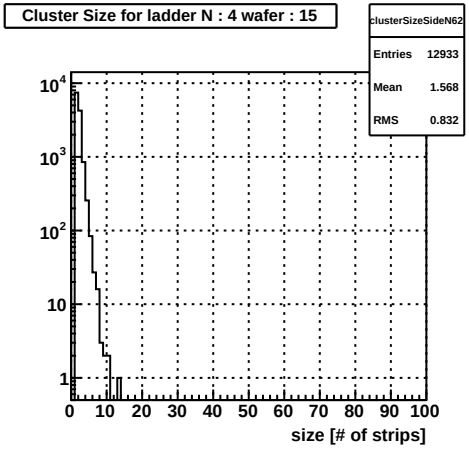

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 13909
Mean 1.58
RMS 0.7891
size [# of strips]

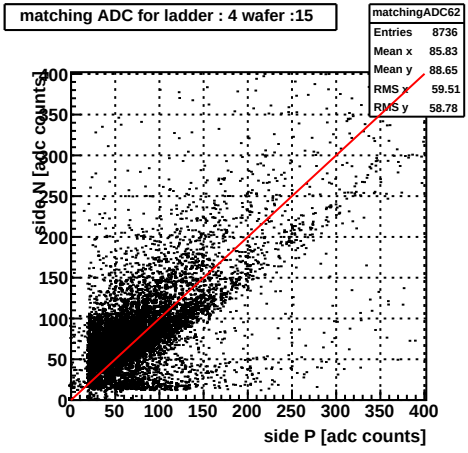

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5171
Mean x 68.77
Mean y 92.17
RMS x 51.43
RMS y 61.07
side N [adc counts]
side P [adc counts]

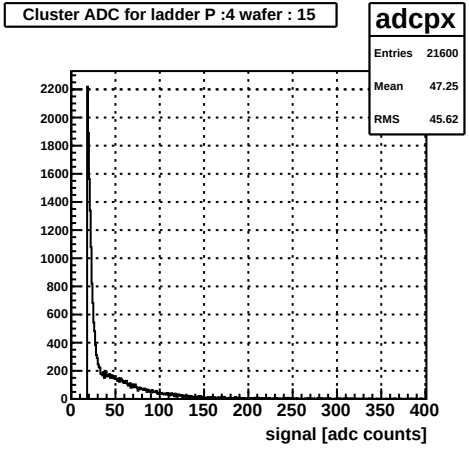

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 18339
Mean 36.97
RMS 33.14
signal [adc counts]

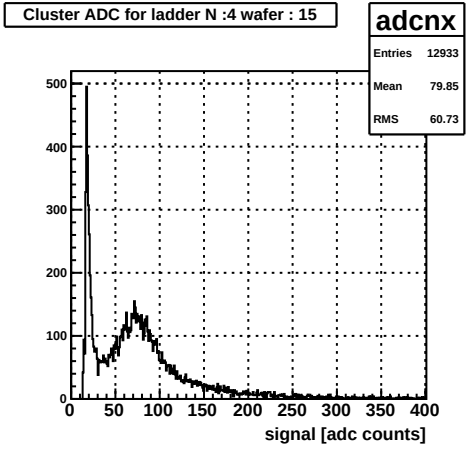

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 13909
Mean 83.56
RMS 58.21
signal [adc counts]

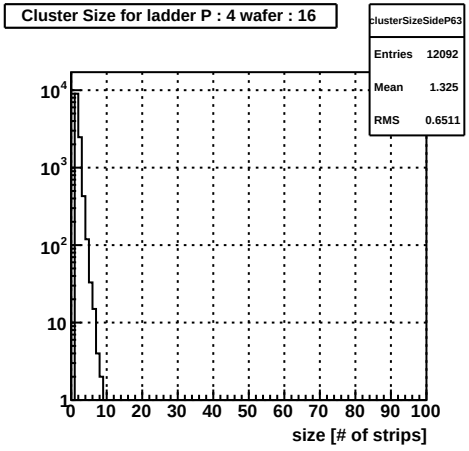

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 21600
Mean 1.202
RMS 0.5196
size [# of strips]

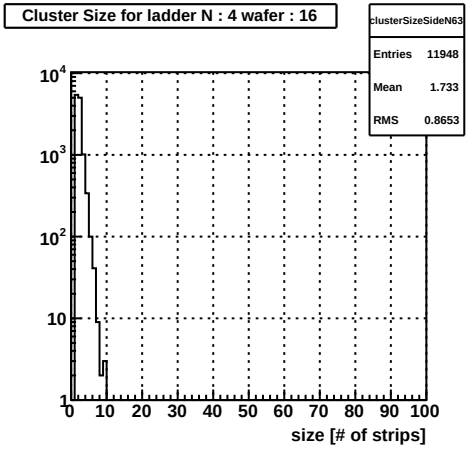

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 12933
Mean 1.568
RMS 0.832
size [# of strips]

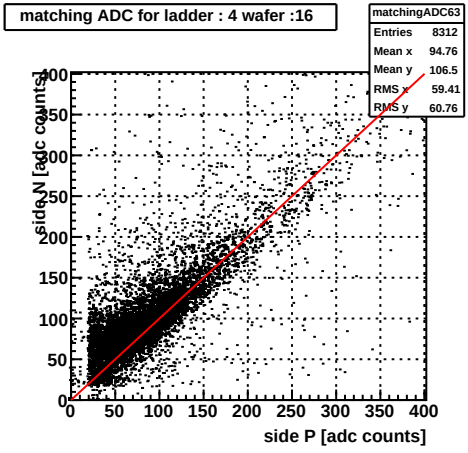

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8736
Mean x 85.83
Mean y 88.65
RMS x 59.51
RMS y 58.78
side N [adc counts]
side P [adc counts]

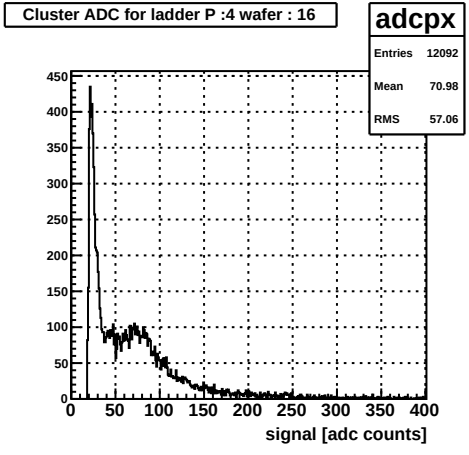

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 21600
Mean 47.25
RMS 45.62
signal [adc counts]

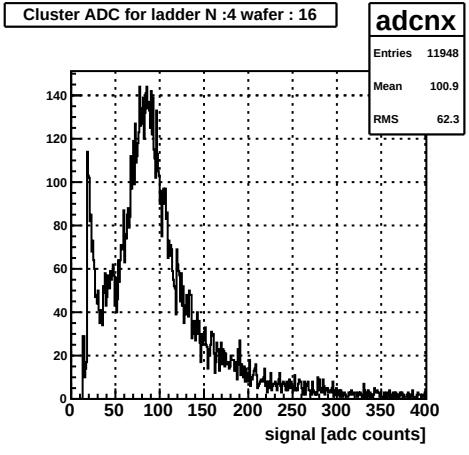

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 12933
Mean 79.85
RMS 60.73
signal [adc counts]

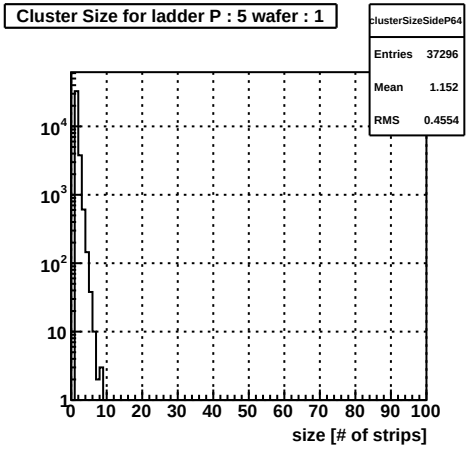

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 12092
Mean 1.325
RMS 0.6511
size [# of strips]

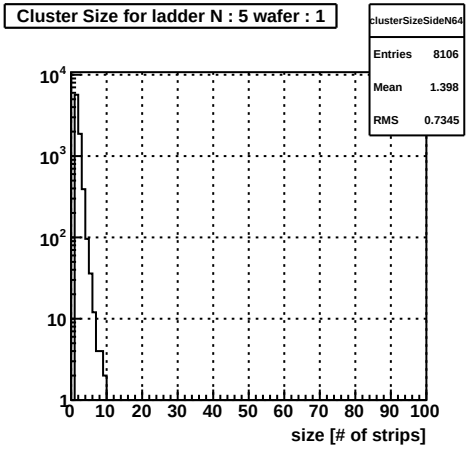

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 11948
Mean 1.733
RMS 0.8653
size [# of strips]

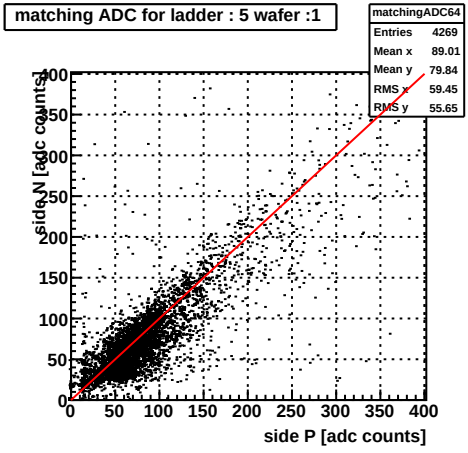

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8312
Mean x 94.76
Mean y 106.5
RMS x 59.41
RMS y 60.76
side N [adc counts]
side P [adc counts]

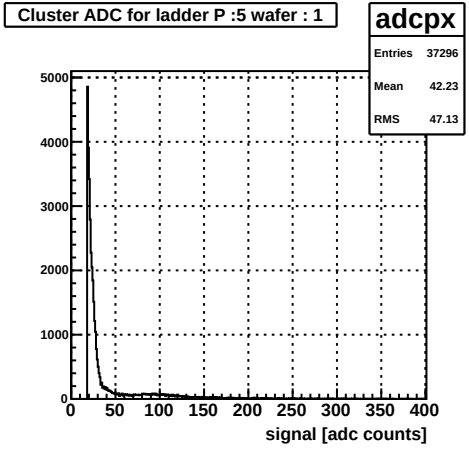

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 12092
Mean 70.98
RMS 57.06
signal [adc counts]

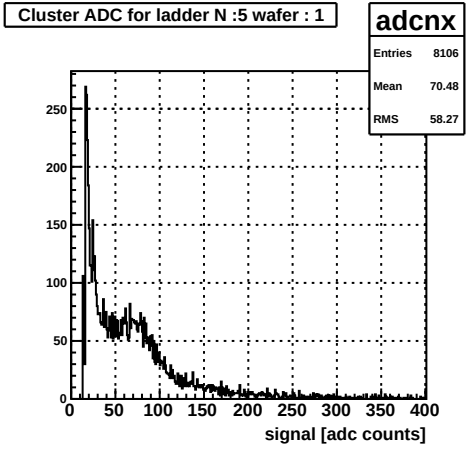

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 11948
Mean 100.9
RMS 62.3
signal [adc counts]

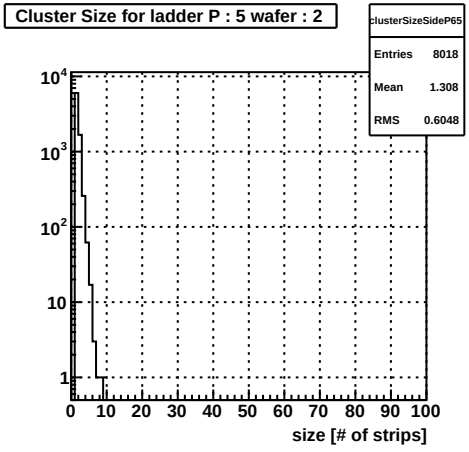

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 37296
Mean 1.152
RMS 0.4554
size [# of strips]

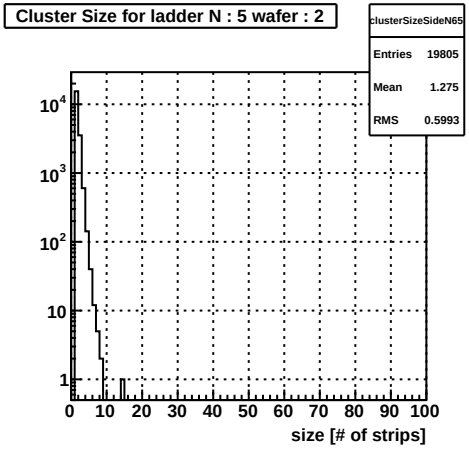

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8106
Mean 1.398
RMS 0.7345
size [# of strips]

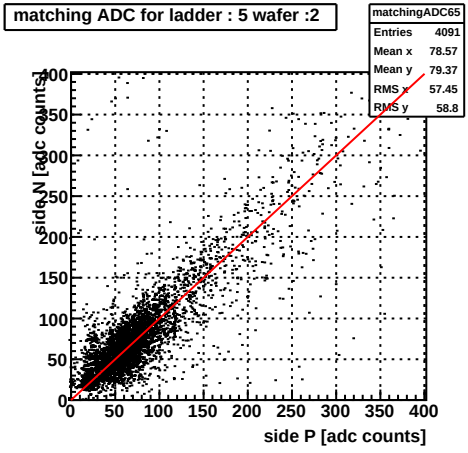

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4269
Mean x 89.01
Mean y 79.84
RMS x 59.45
RMS y 55.65
side N [adc counts]
side P [adc counts]

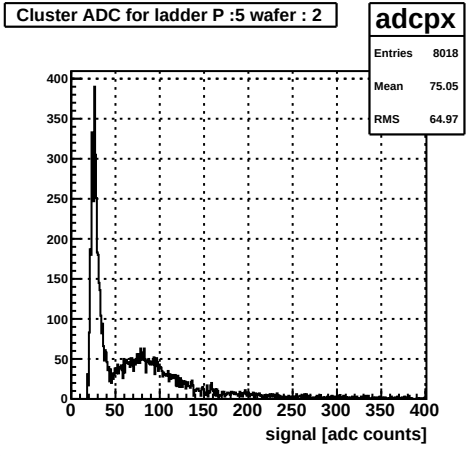

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 37296
Mean 42.23
RMS 47.13
signal [adc counts]

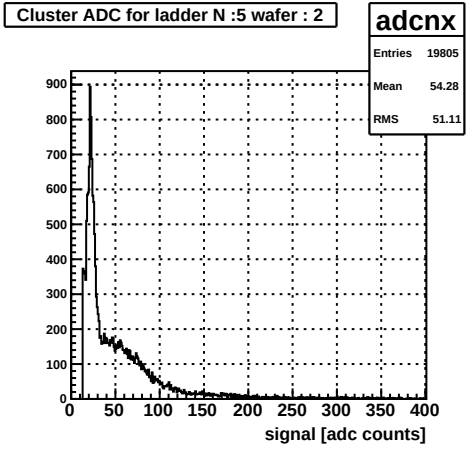

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8106
Mean 70.48
RMS 58.27
signal [adc counts]

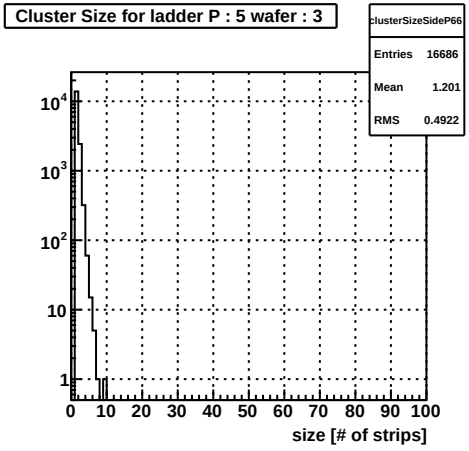

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 8018
Mean 1.308
RMS 0.6048
size [# of strips]

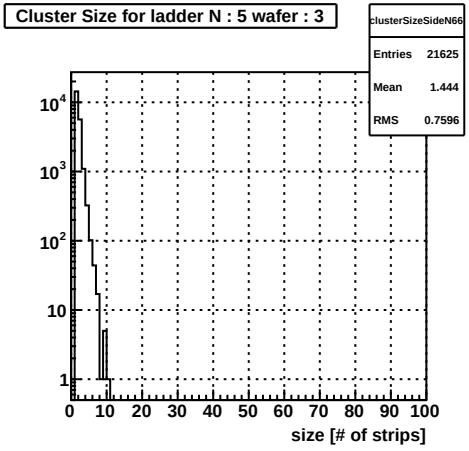

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 19805
Mean 1.275
RMS 0.5993
size [# of strips]

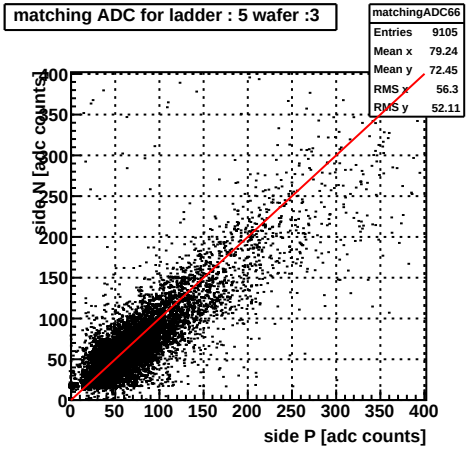

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 4091
Mean x 78.57
Mean y 79.37
RMS x 57.45
RMS y 58.8
side N [adc counts]
side P [adc counts]

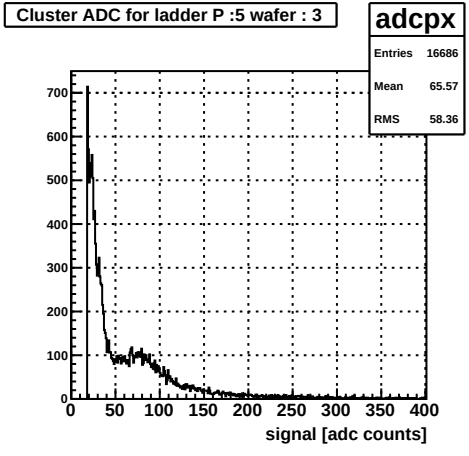

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 8018
Mean 75.05
RMS 64.97
signal [adc counts]

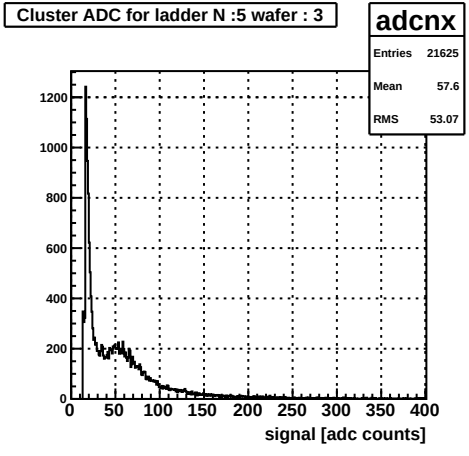

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 19805
Mean 54.28
RMS 51.11
signal [adc counts]

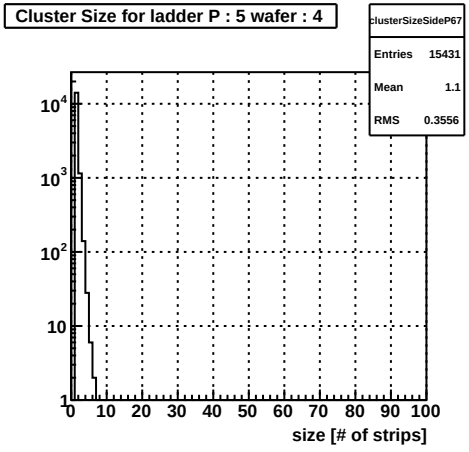

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 16686
Mean 1.201
RMS 0.4922
size [# of strips]

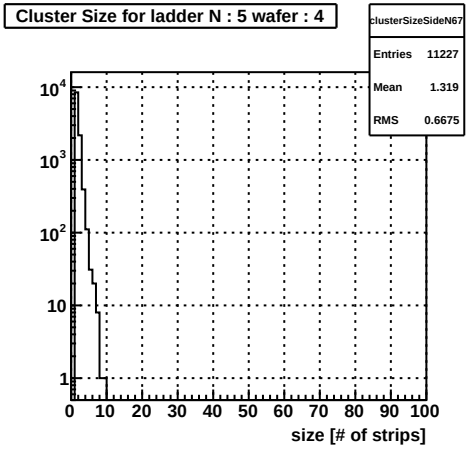

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 21625
Mean 1.444
RMS 0.7596
size [# of strips]

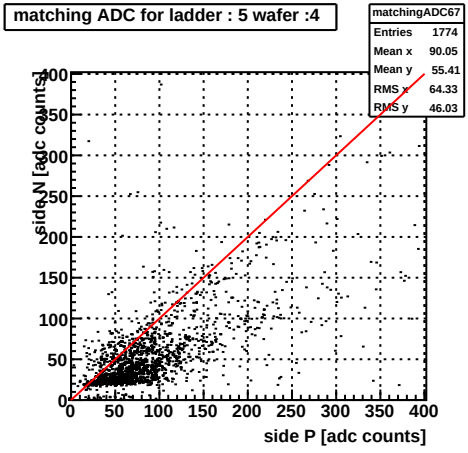

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 9105
Mean x 79.24
Mean y 72.45
RMS x 56.3
RMS y 52.11
side N [adc counts]
side P [adc counts]

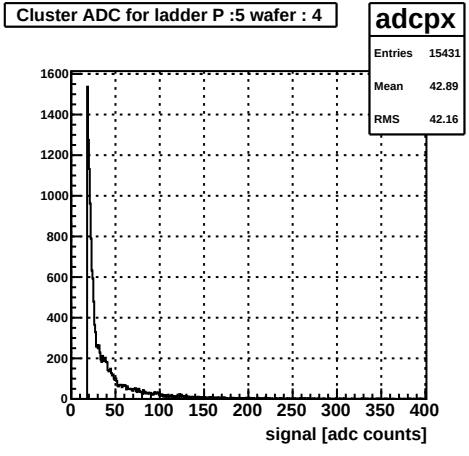

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 16686
Mean 65.57
RMS 58.36
signal [adc counts]

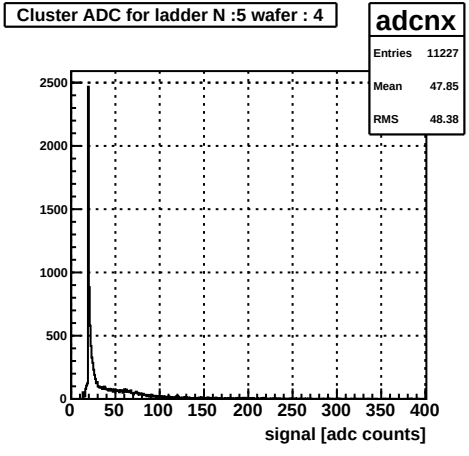

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 21625
Mean 57.6
RMS 53.07
signal [adc counts]

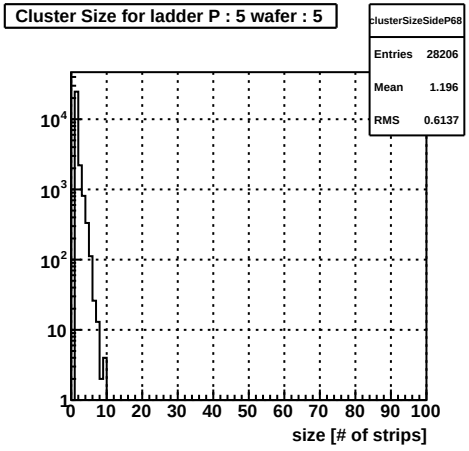

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 15431
Mean 1.1
RMS 0.3556
size [# of strips]

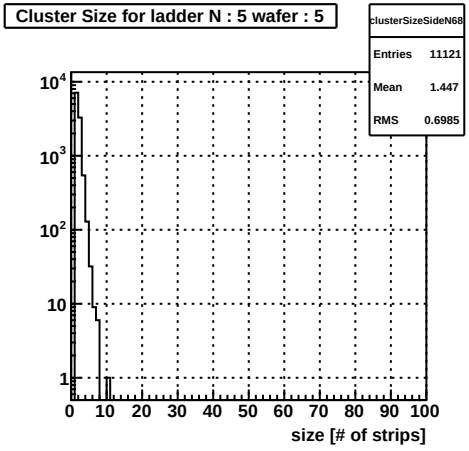

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 11227
Mean 1.319
RMS 0.6675
size [# of strips]

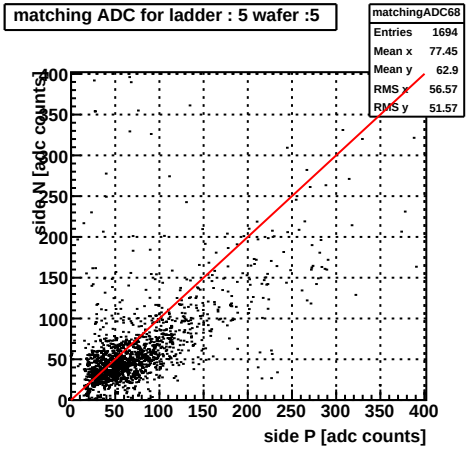

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1774
Mean x 90.05
Mean y 55.41
RMS x 64.33
RMS y 46.03
side N [adc counts]
side P [adc counts]

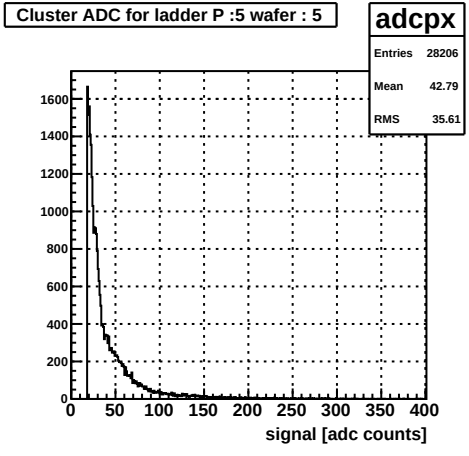

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 15431
Mean 42.89
RMS 42.16
signal [adc counts]

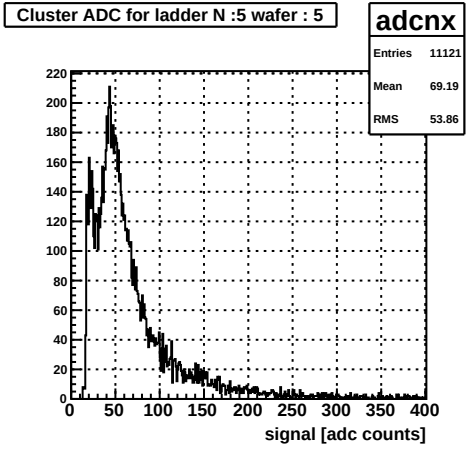

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 11227
Mean 47.85
RMS 48.38
signal [adc counts]

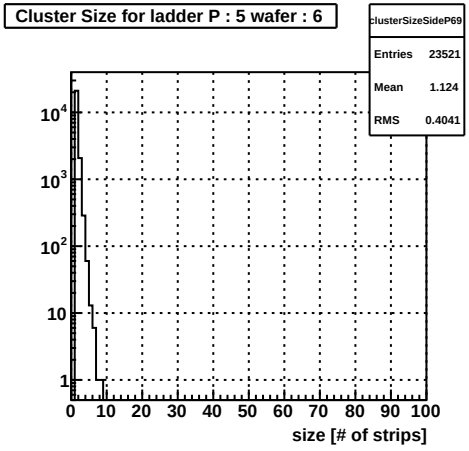

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 28206
Mean 1.196
RMS 0.6137
size [# of strips]

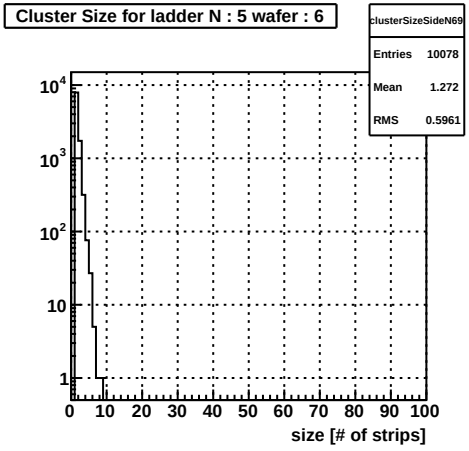

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 11121
Mean 1.447
RMS 0.6985
size [# of strips]

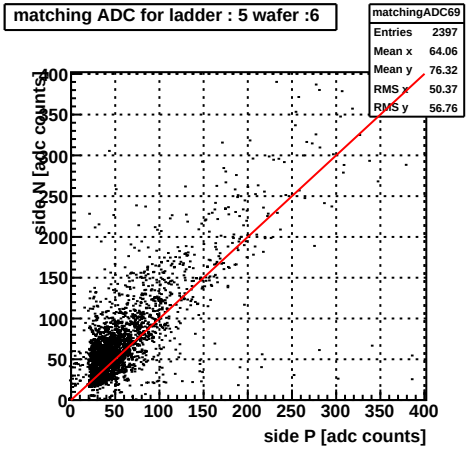

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1694
Mean x 77.45
Mean y 62.9
RMS x 56.57
RMS y 51.57
side N [adc counts]
side P [adc counts]

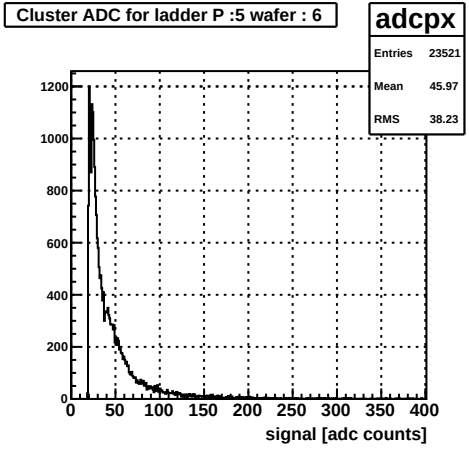

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 28206
Mean 42.79
RMS 35.61
signal [adc counts]

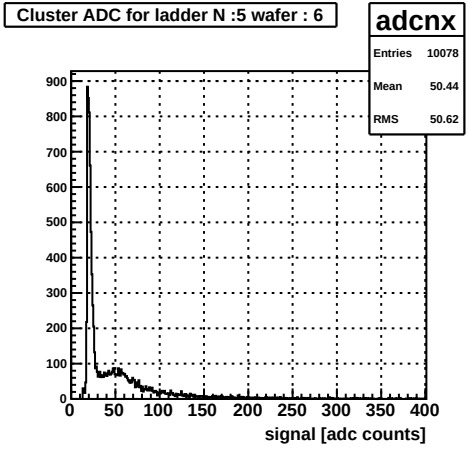

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 11121
Mean 69.19
RMS 53.86
signal [adc counts]

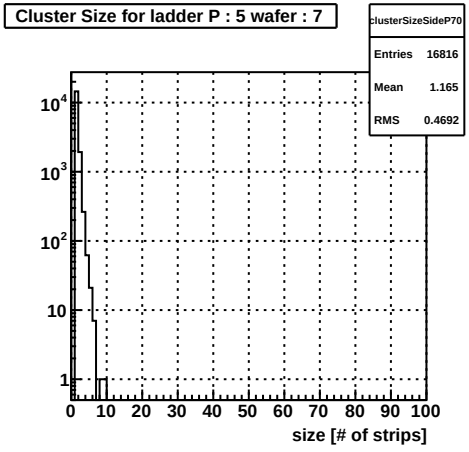

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23521
Mean 1.124
RMS 0.4041
size [# of strips]

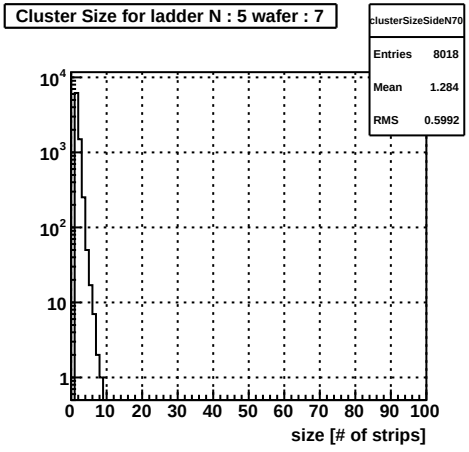

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10078
Mean 1.272
RMS 0.5961
size [# of strips]

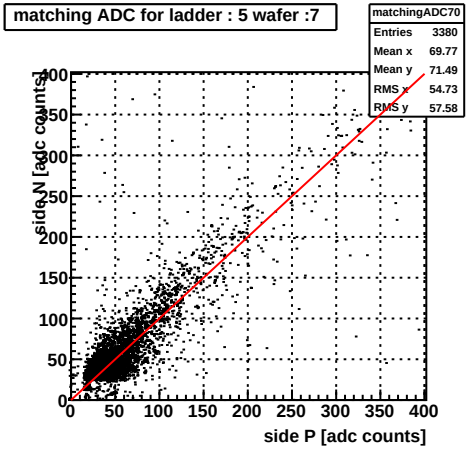

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2397
Mean x 64.06
Mean y 76.32
RMS x 50.37
RMS y 56.76
side N [adc counts]
side P [adc counts]

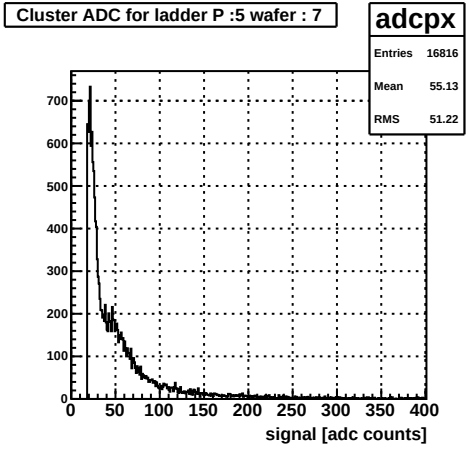

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23521
Mean 45.97
RMS 38.23
signal [adc counts]

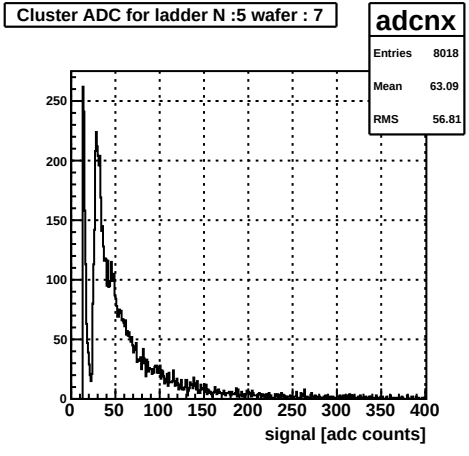

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10078
Mean 50.44
RMS 50.62
signal [adc counts]

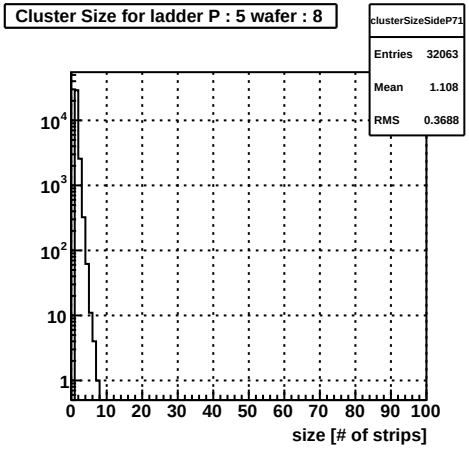

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 16816
Mean 1.165
RMS 0.4692
size [# of strips]

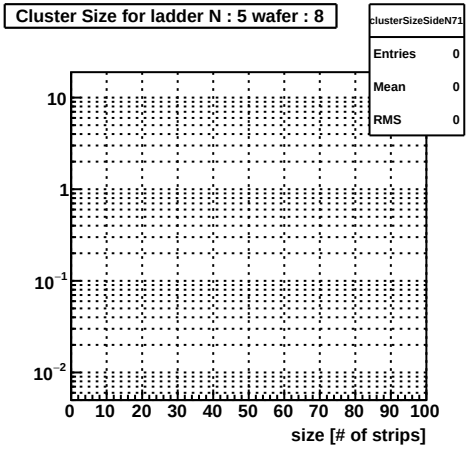

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8018
Mean 1.284
RMS 0.5992
size [# of strips]

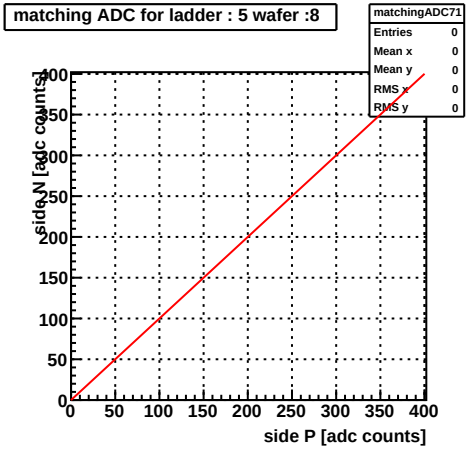

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3380
Mean x 69.77
Mean y 71.49
RMS x 54.73
RMS y 57.58
side N [adc counts]
side P [adc counts]

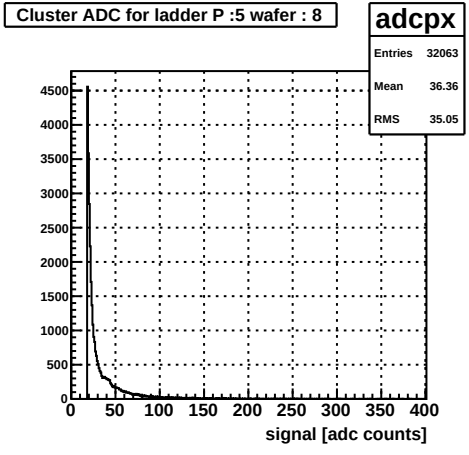

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 16816
Mean 55.13
RMS 51.22
signal [adc counts]

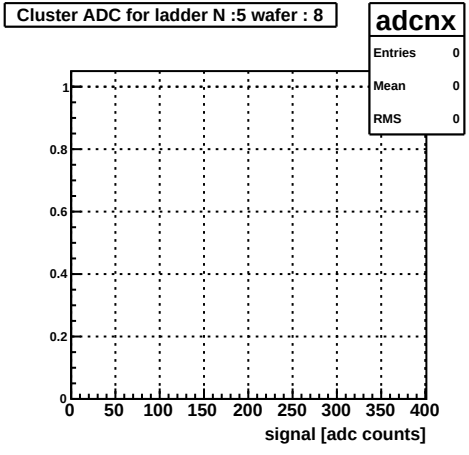

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8018
Mean 63.09
RMS 56.81
signal [adc counts]

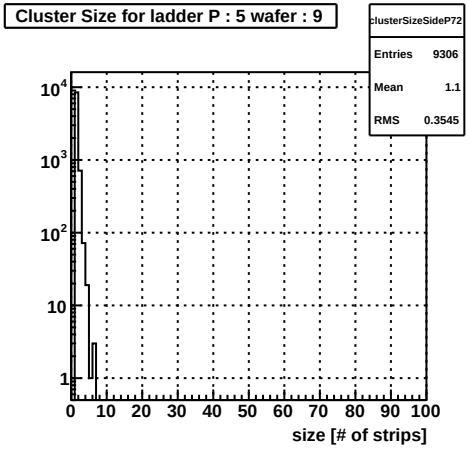

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 32063
Mean 1.108
RMS 0.3688
size [# of strips]

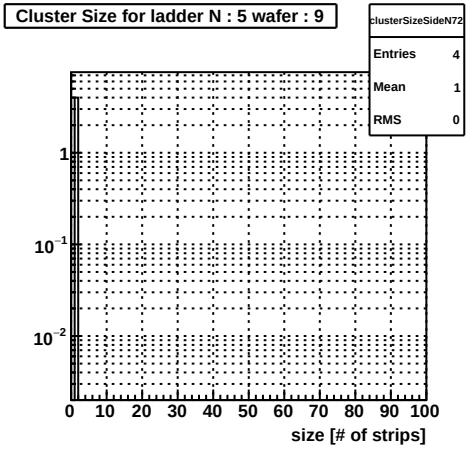

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

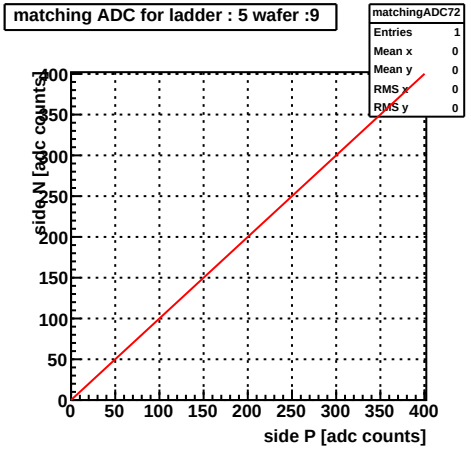

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

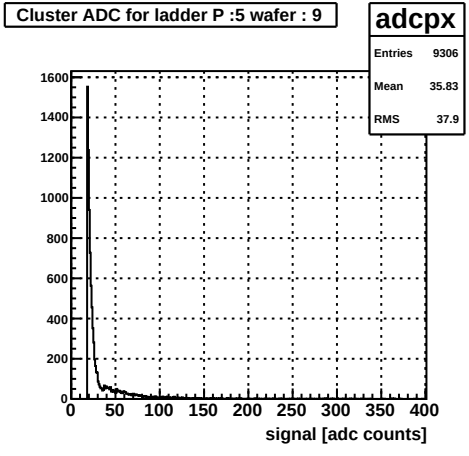

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 32063
Mean 36.36
RMS 35.05
signal [adc counts]

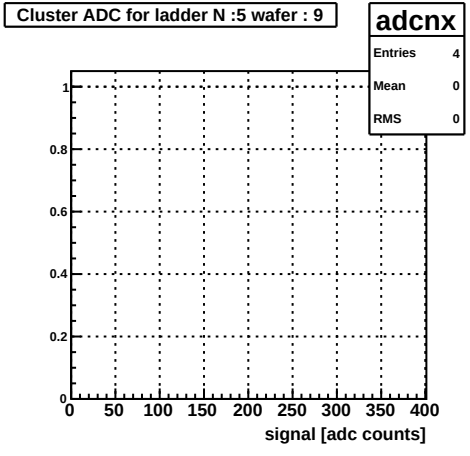

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

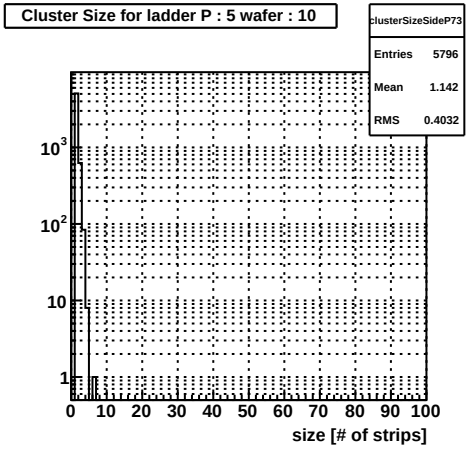

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9306
Mean 1.1
RMS 0.3545
size [# of strips]

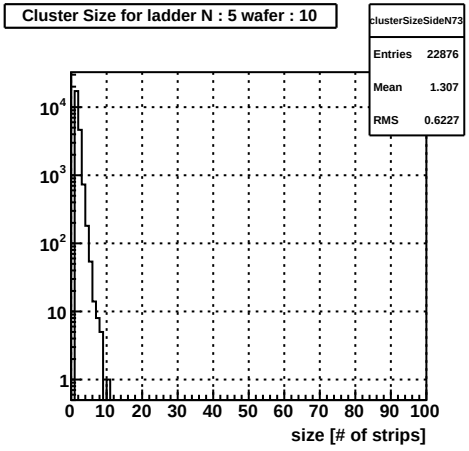

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

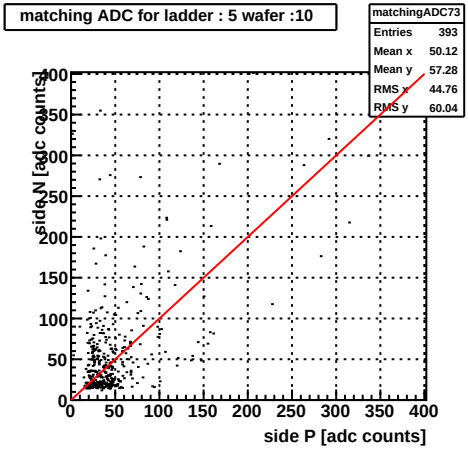

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

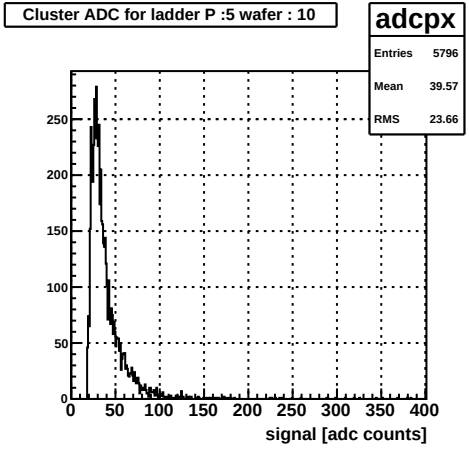

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9306
Mean 35.83
RMS 37.9
signal [adc counts]

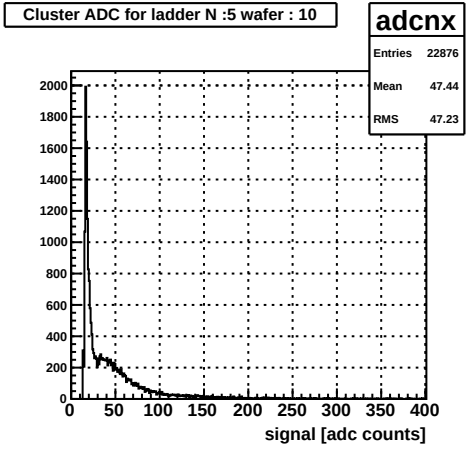

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

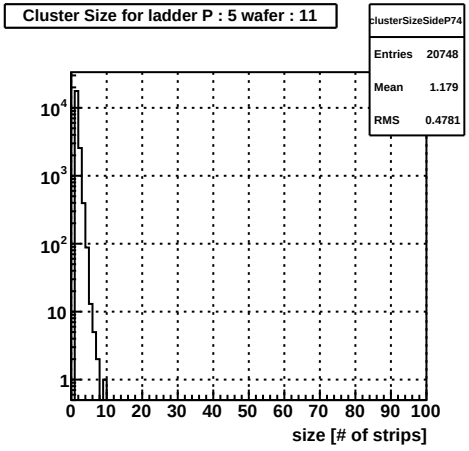

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5796
Mean 1.142
RMS 0.4032
size [# of strips]

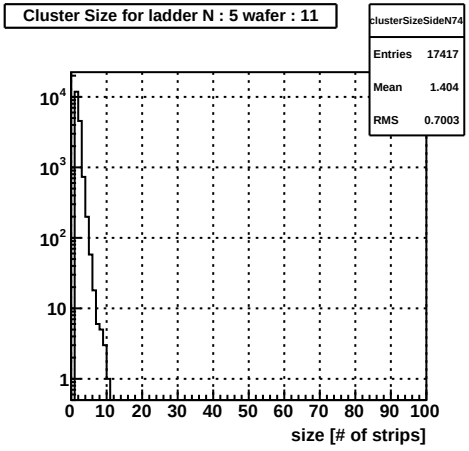

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 22876
Mean 1.307
RMS 0.6227
size [# of strips]

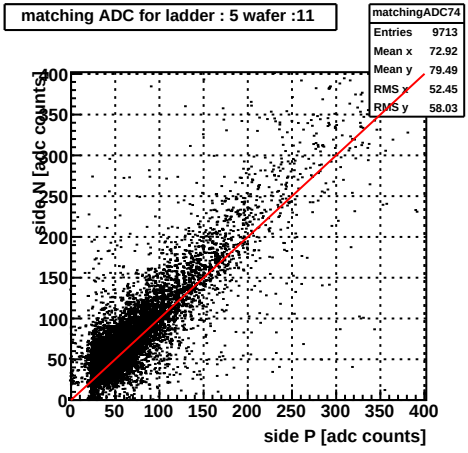

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 393
Mean x 50.12
Mean y 57.28
RMS x 44.76
RMS y 60.04
side N [adc counts]
side P [adc counts]

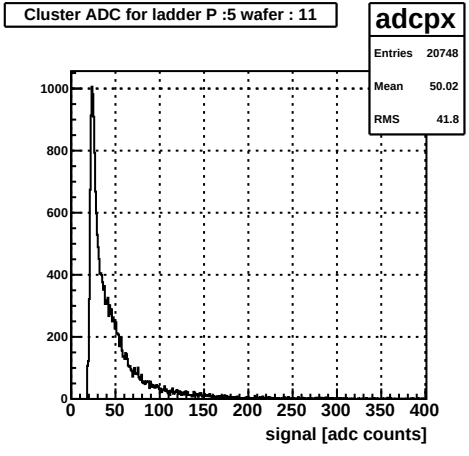

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5796
Mean 39.57
RMS 23.66
signal [adc counts]

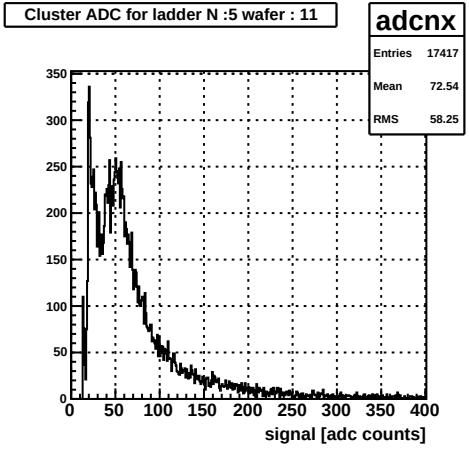

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 22876
Mean 47.44
RMS 47.23
signal [adc counts]

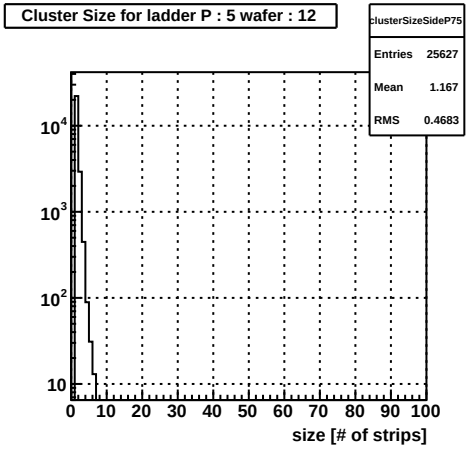

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20748
Mean 1.179
RMS 0.4781
size [# of strips]

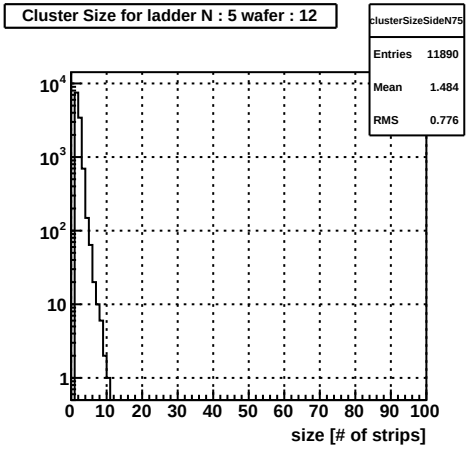

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 17417
Mean 1.404
RMS 0.7003
size [# of strips]

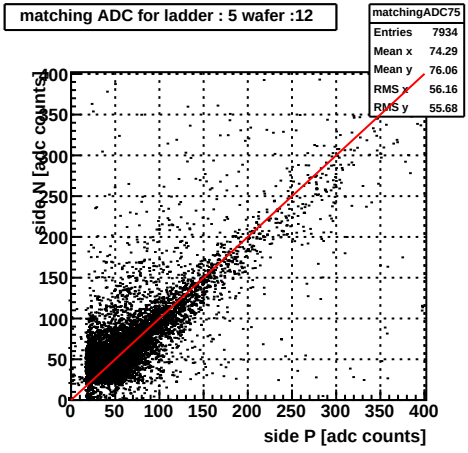

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 9713
Mean x 72.92
Mean y 79.49
RMS x 52.45
RMS y 58.03
side N [adc counts]
side P [adc counts]

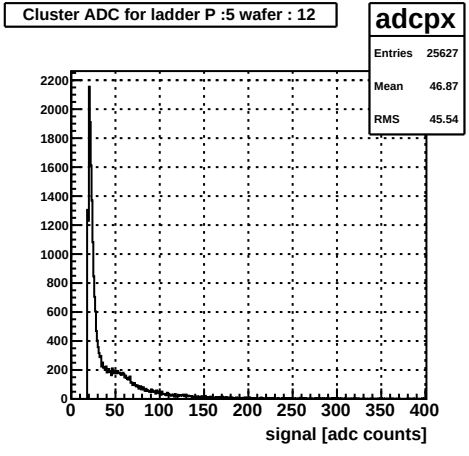

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20748
Mean 50.02
RMS 41.8
signal [adc counts]

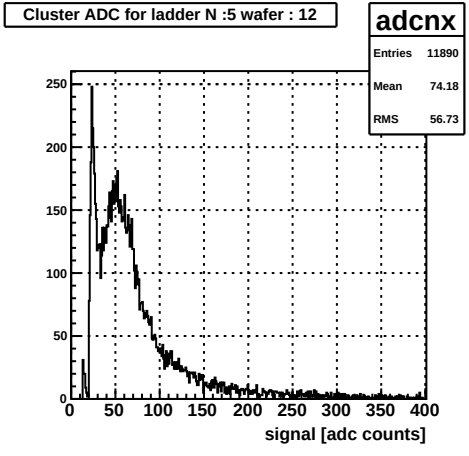

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 17417
Mean 72.54
RMS 58.25
signal [adc counts]

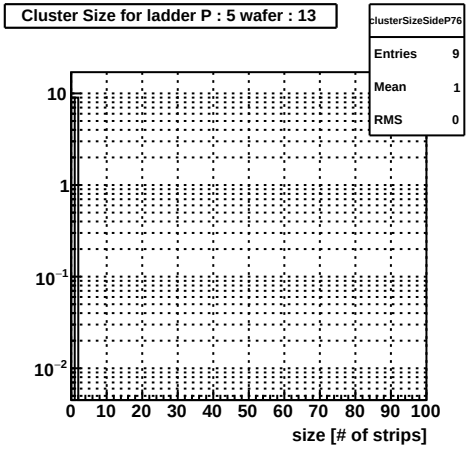

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 25627
Mean 1.167
RMS 0.4683
size [# of strips]

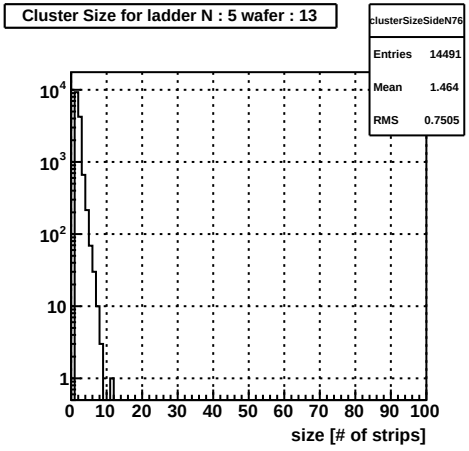

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 11890
Mean 1.484
RMS 0.776
size [# of strips]

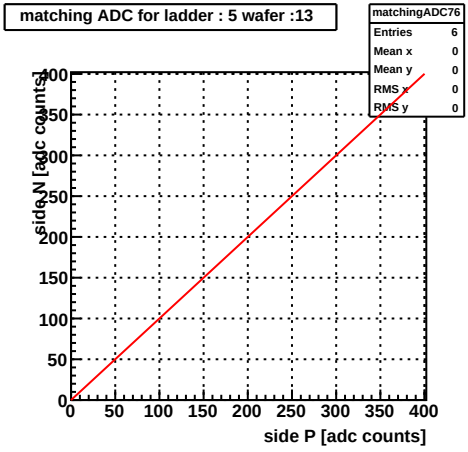

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7934
Mean x 74.29
Mean y 76.06
RMS x 56.16
RMS y 55.68
side N [adc counts]
side P [adc counts]

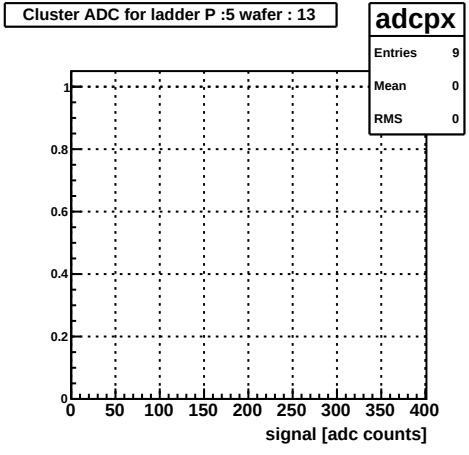

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 25627
Mean 46.87
RMS 45.54
signal [adc counts]

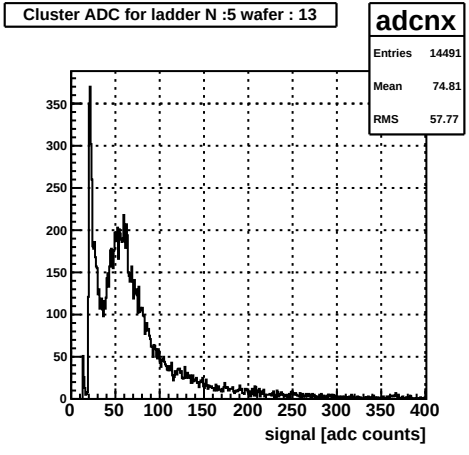

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 11890
Mean 74.18
RMS 56.73
signal [adc counts]

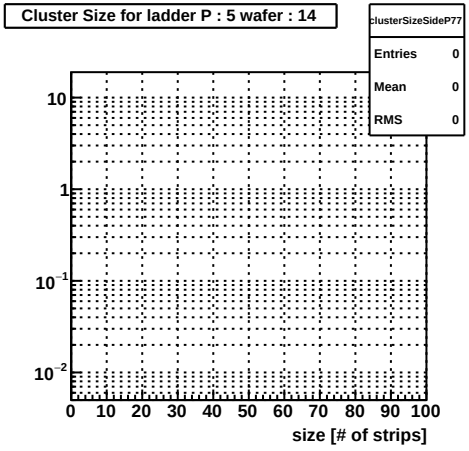

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 9
Mean 1
RMS 0
size [# of strips]

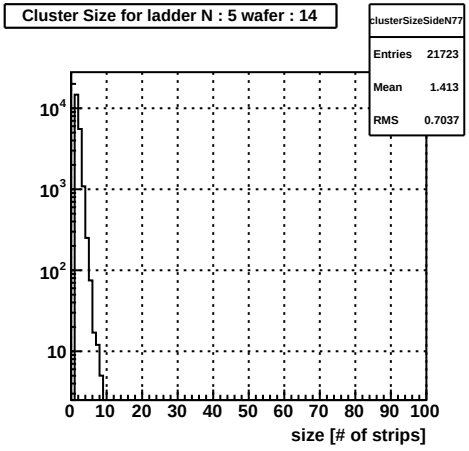

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 14491
Mean 1.464
RMS 0.7505
size [# of strips]

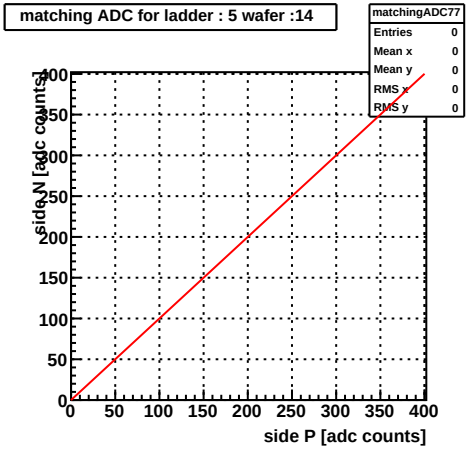

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

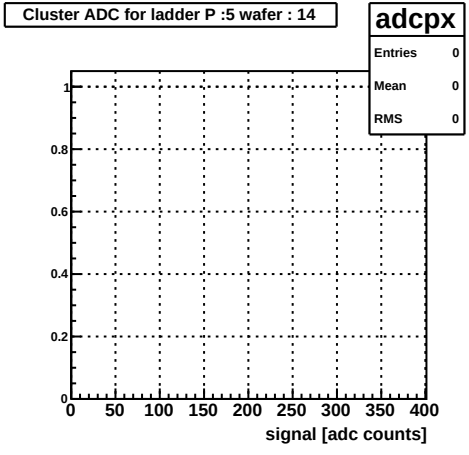

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

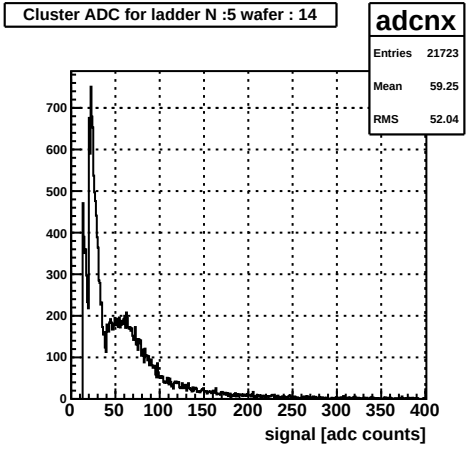

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 14491
Mean 74.81
RMS 57.77
signal [adc counts]

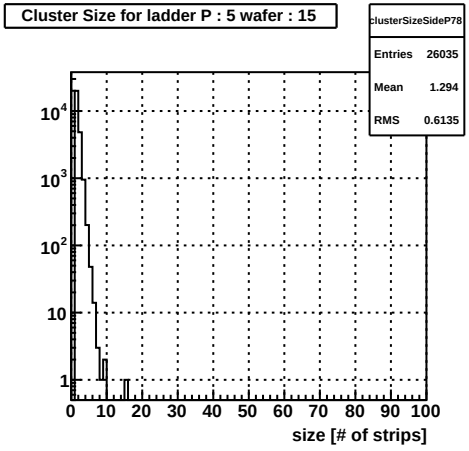

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

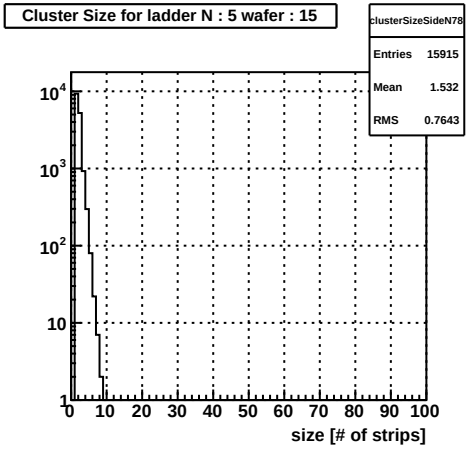

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 21723
Mean 1.413
RMS 0.7037
size [# of strips]

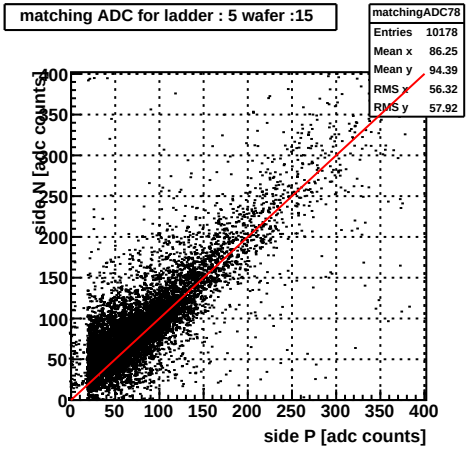

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

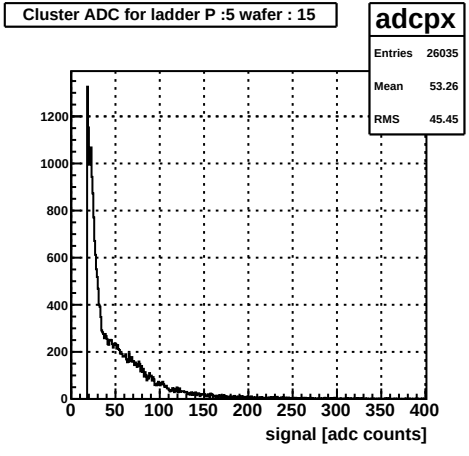

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

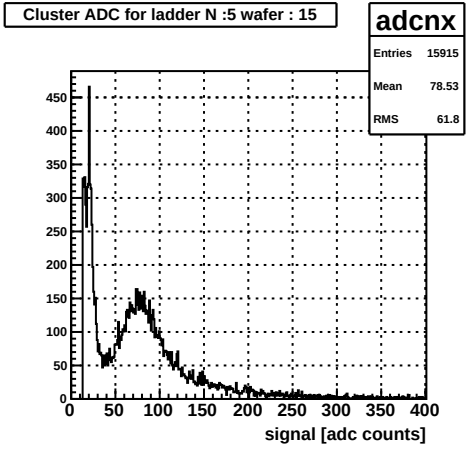

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 21723
Mean 59.25
RMS 52.04
signal [adc counts]

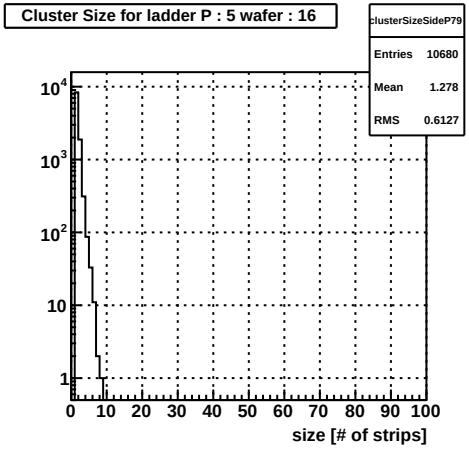

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 26035
Mean 1.294
RMS 0.6135
size [# of strips]

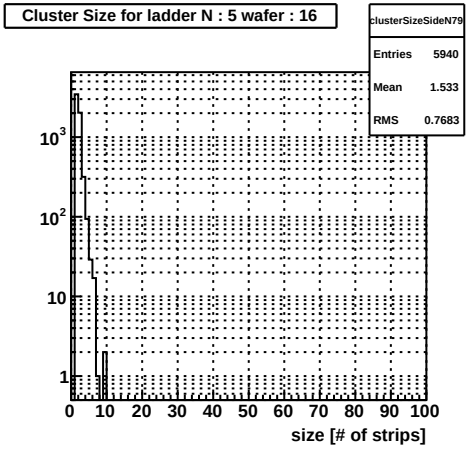

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 15915
Mean 1.532
RMS 0.7643
size [# of strips]

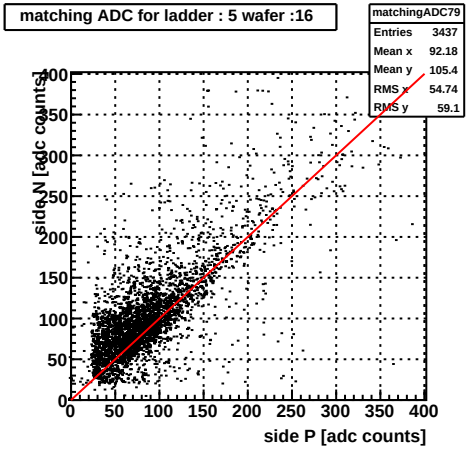

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 10178
Mean x 86.25
Mean y 94.39
RMS x 56.32
RMS y 57.92
side N [adc counts]
side P [adc counts]

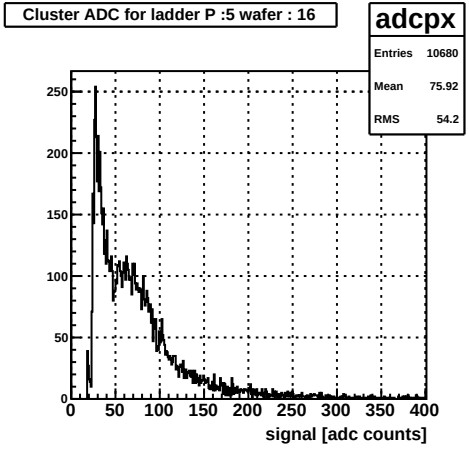

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 26035
Mean 53.26
RMS 45.45
signal [adc counts]

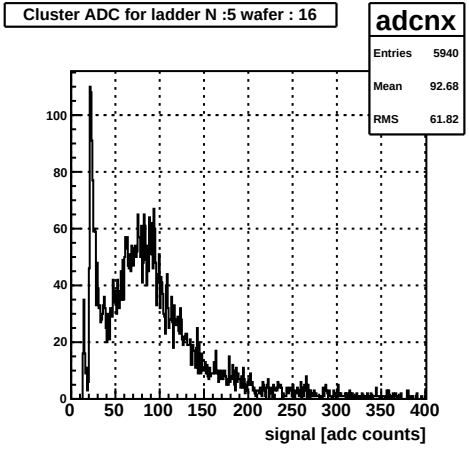

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 15915
Mean 78.53
RMS 61.8
signal [adc counts]

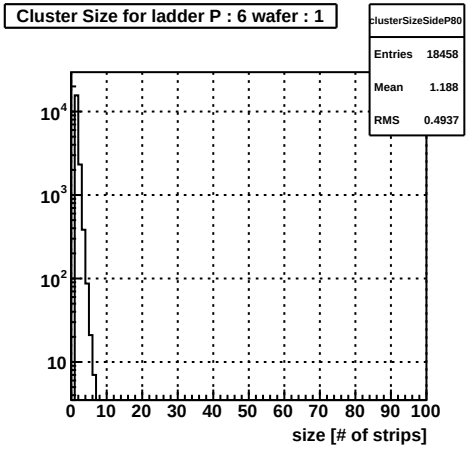

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10680
Mean 1.278
RMS 0.6127
size [# of strips]

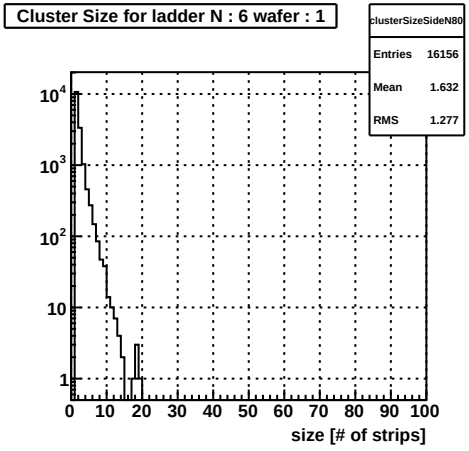

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5940
Mean 1.533
RMS 0.7683
size [# of strips]

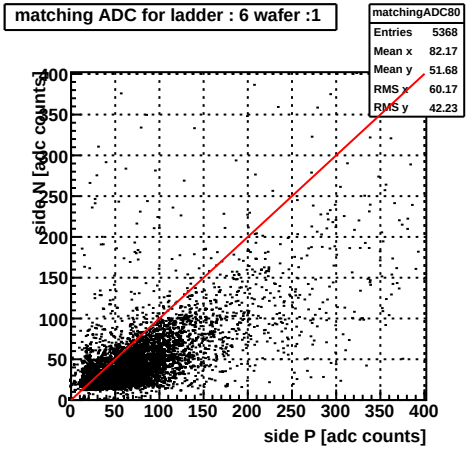

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3437
Mean x 92.18
Mean y 105.4
RMS x 54.74
RMS y 59.1
side N [adc counts]
side P [adc counts]

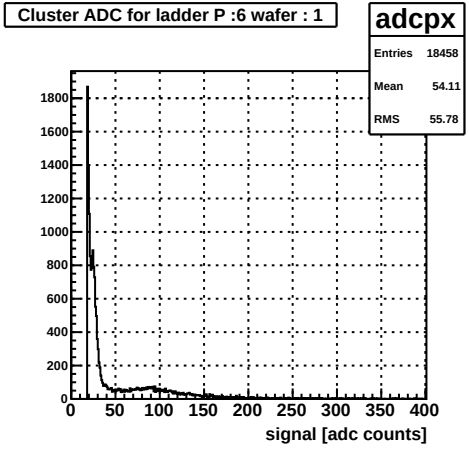

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10680
Mean 75.92
RMS 54.2
signal [adc counts]

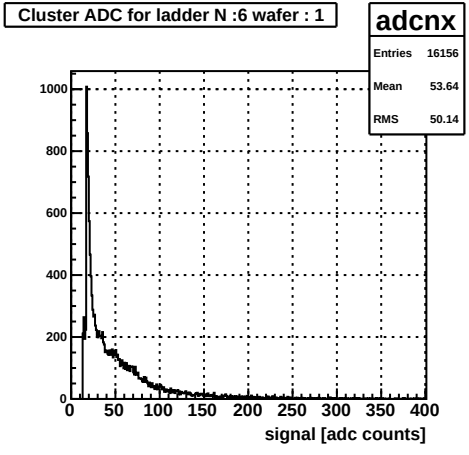

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5940
Mean 92.68
RMS 61.82
signal [adc counts]

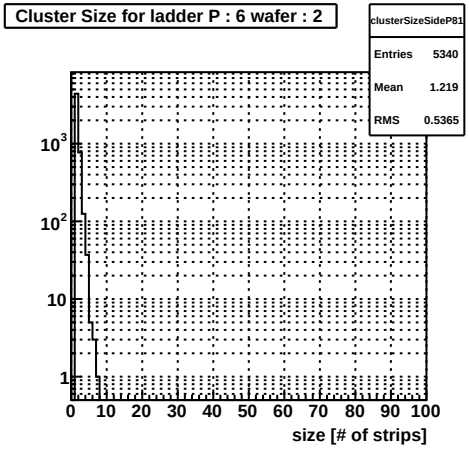

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 18458
Mean 1.188
RMS 0.4937
size [# of strips]

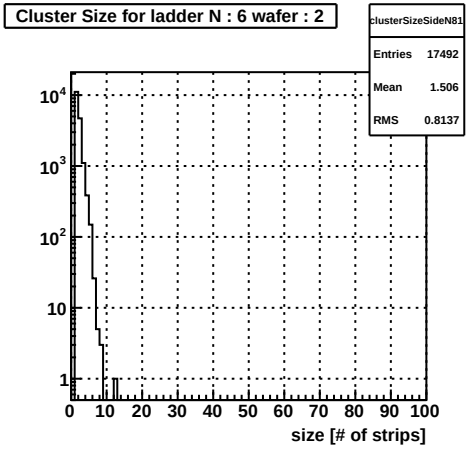

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16156
Mean 1.632
RMS 1.277
size [# of strips]

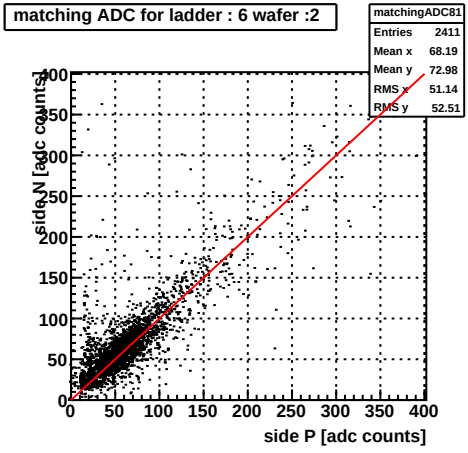

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5368
Mean x 82.17
Mean y 51.68
RMS x 60.17
RMS y 42.23
side N [adc counts]
side P [adc counts]

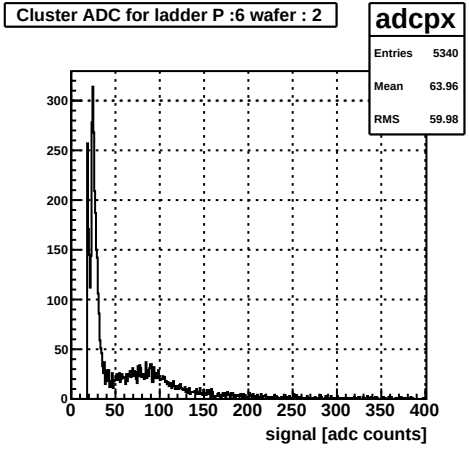

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 18458
Mean 54.11
RMS 55.78
signal [adc counts]

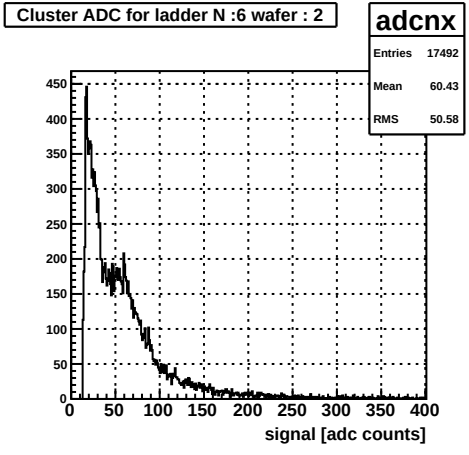

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16156
Mean 53.64
RMS 50.14
signal [adc counts]

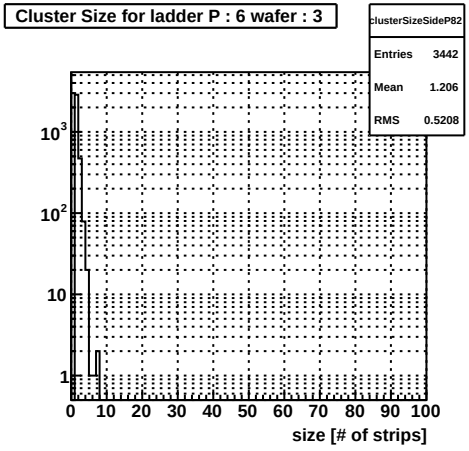

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5340
Mean 1.219
RMS 0.5365
size [# of strips]

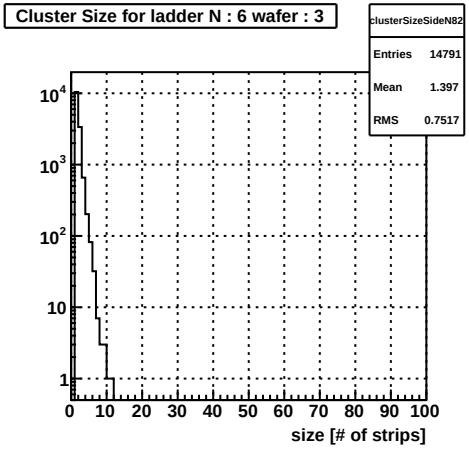

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 17492
Mean 1.506
RMS 0.8137
size [# of strips]

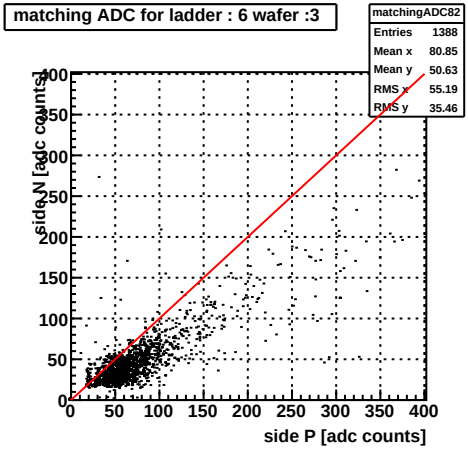

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2411
Mean x 68.19
Mean y 72.98
RMS x 51.14
RMS y 52.51
side N [adc counts]
side P [adc counts]

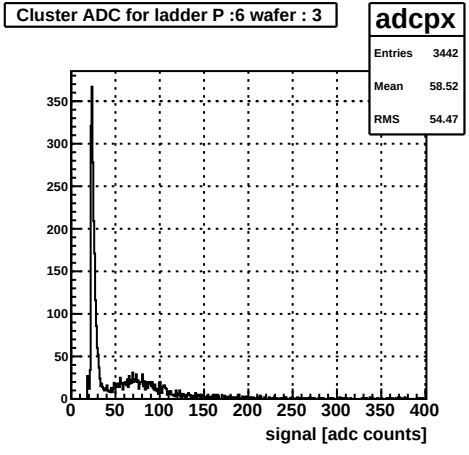

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5340
Mean 63.96
RMS 59.98
signal [adc counts]

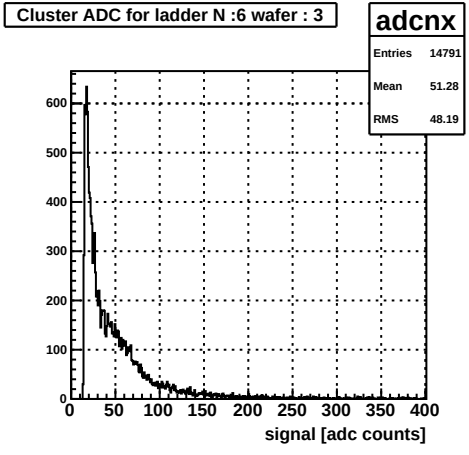

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 17492
Mean 60.43
RMS 50.58
signal [adc counts]

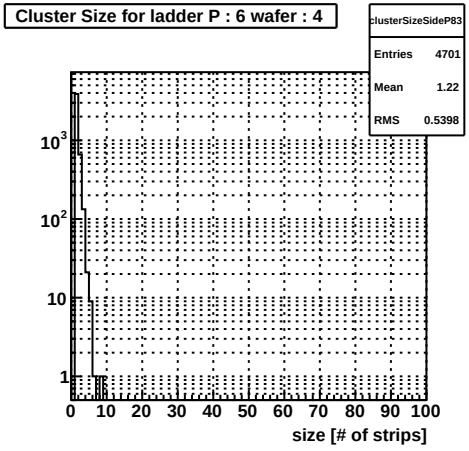

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3442
Mean 1.206
RMS 0.5208
size [# of strips]

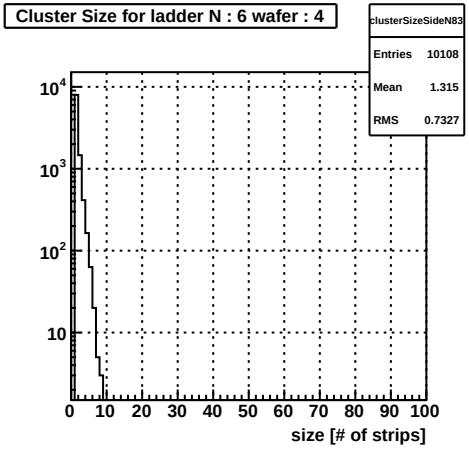

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 14791
Mean 1.397
RMS 0.7517
size [# of strips]

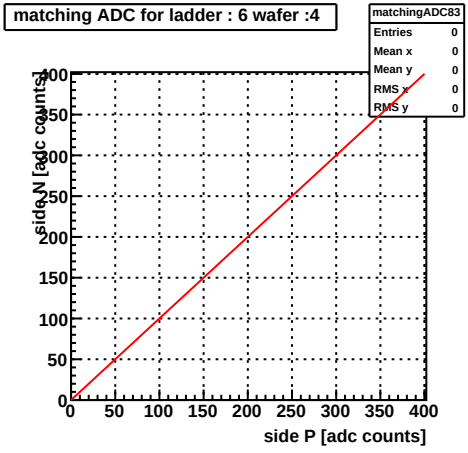

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1388
Mean x 80.85
Mean y 50.63
RMS x 55.19
RMS y 35.46
side N [adc counts]
side P [adc counts]

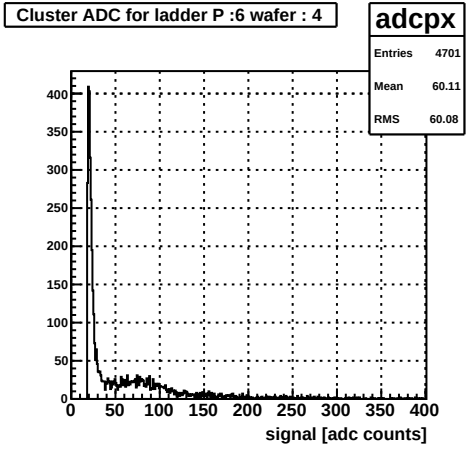

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3442
Mean 58.52
RMS 54.47
signal [adc counts]

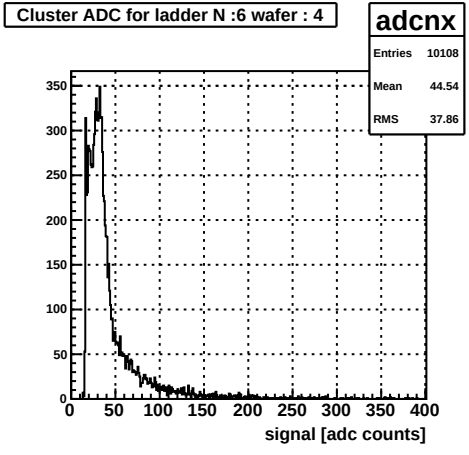

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 14791
Mean 51.28
RMS 48.19
signal [adc counts]

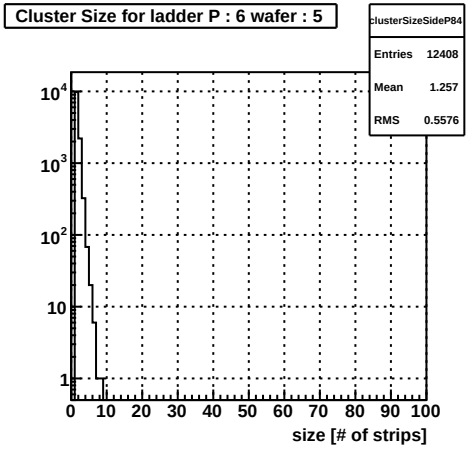

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 4701
Mean 1.22
RMS 0.5398
size [# of strips]

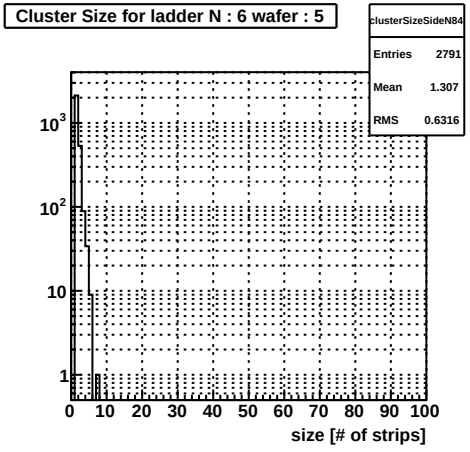

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10108
Mean 1.315
RMS 0.7327
size [# of strips]

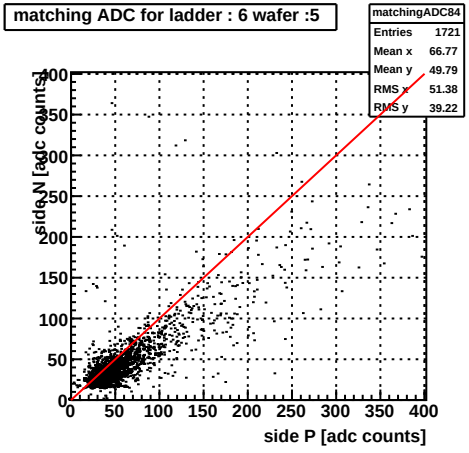

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

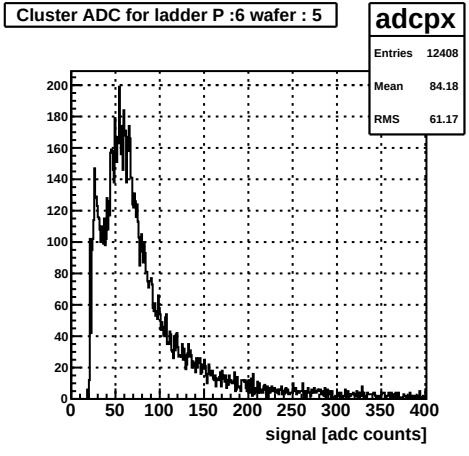

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 4701
Mean 60.11
RMS 60.08
signal [adc counts]

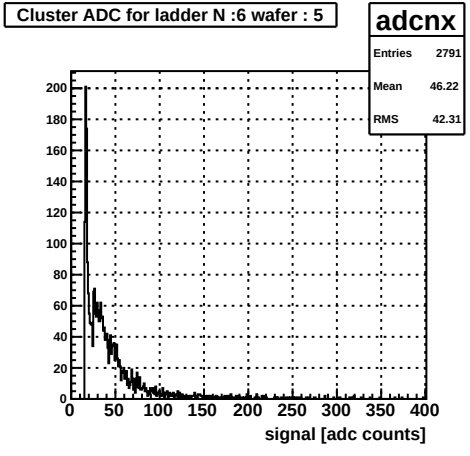

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10108
Mean 44.54
RMS 37.86
signal [adc counts]

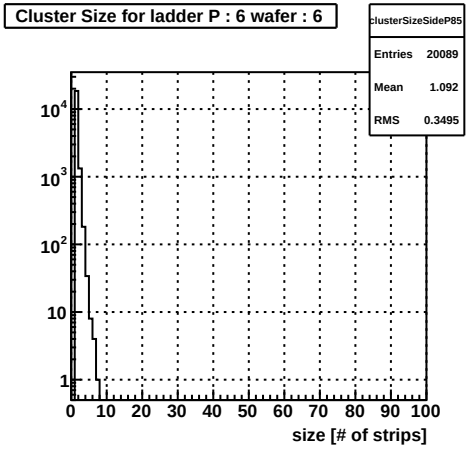

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 12408
Mean 1.257
RMS 0.5576
size [# of strips]

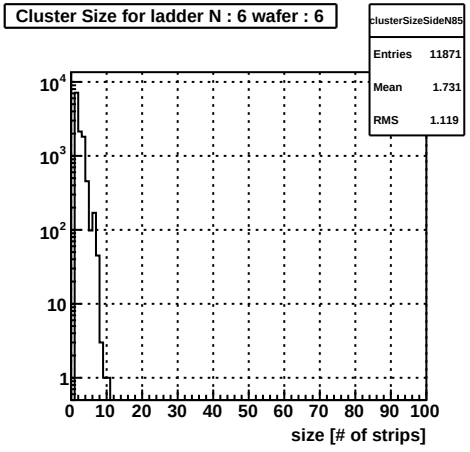

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2791
Mean 1.307
RMS 0.6316
size [# of strips]

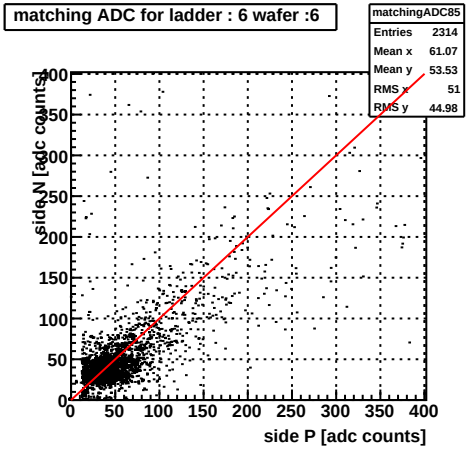

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1721
Mean x 66.77
Mean y 49.79
RMS x 51.38
RMS y 39.22
side N [adc counts]
side P [adc counts]

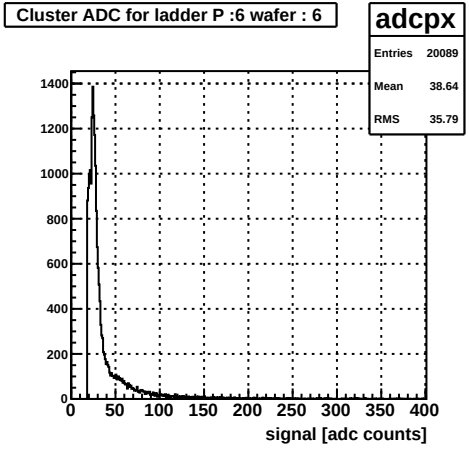

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 12408
Mean 84.18
RMS 61.17
signal [adc counts]

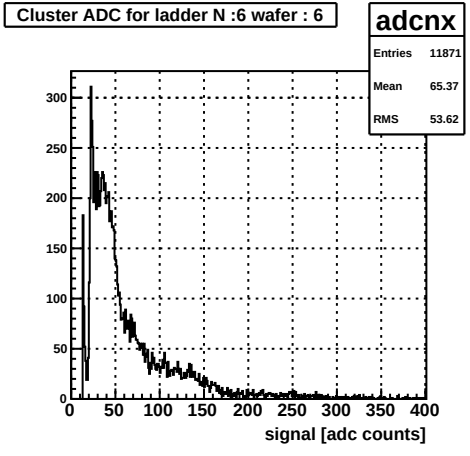

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2791
Mean 46.22
RMS 42.31
signal [adc counts]

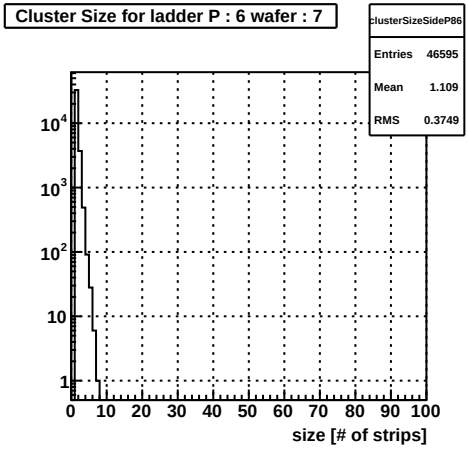

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 20089
Mean 1.092
RMS 0.3495
size [# of strips]

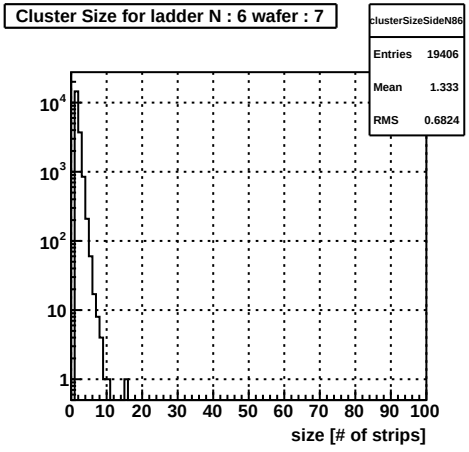

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 11871
Mean 1.731
RMS 1.119
size [# of strips]

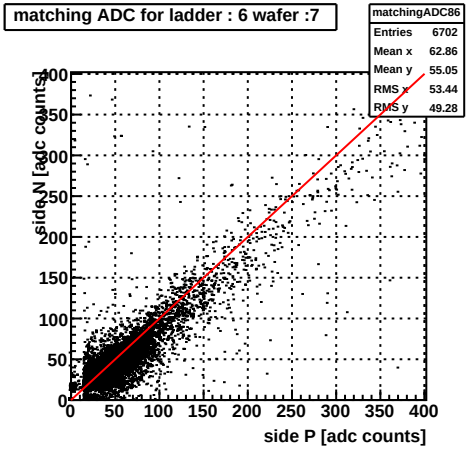

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2314
Mean x 61.07
Mean y 53.53
RMS x 51
RMS y 44.98
side N [adc counts]
side P [adc counts]

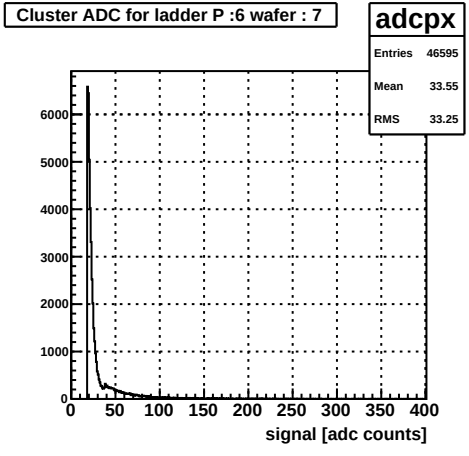

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 20089
Mean 38.64
RMS 35.79
signal [adc counts]

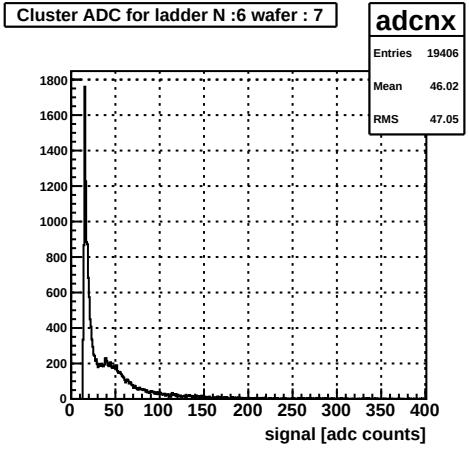

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 11871
Mean 65.37
RMS 53.62
signal [adc counts]

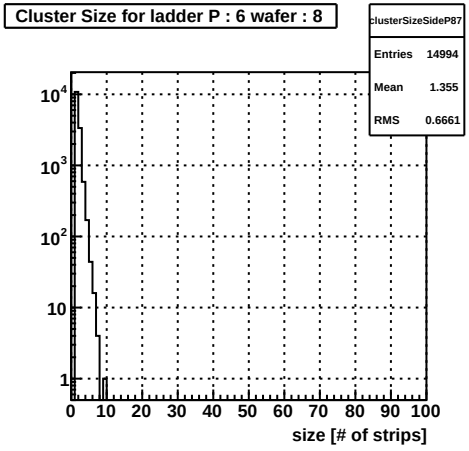

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 46595
Mean 1.109
RMS 0.3749
size [# of strips]

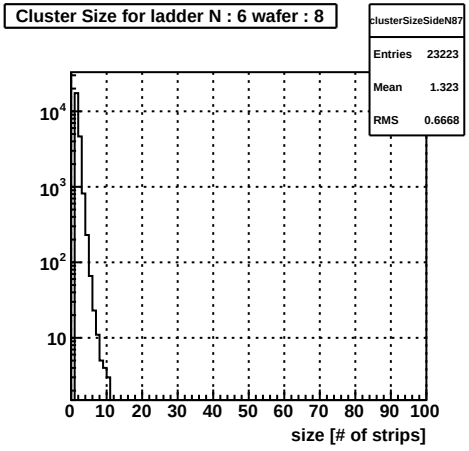

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 19406
Mean 1.333
RMS 0.6824
size [# of strips]

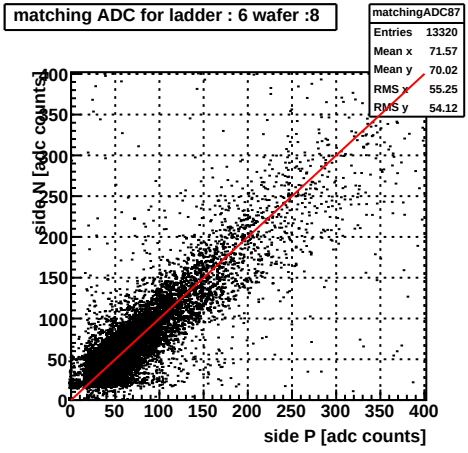

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 6702
Mean x 62.86
Mean y 55.05
RMS x 53.44
RMS y 49.28
side N [adc counts]
side P [adc counts]

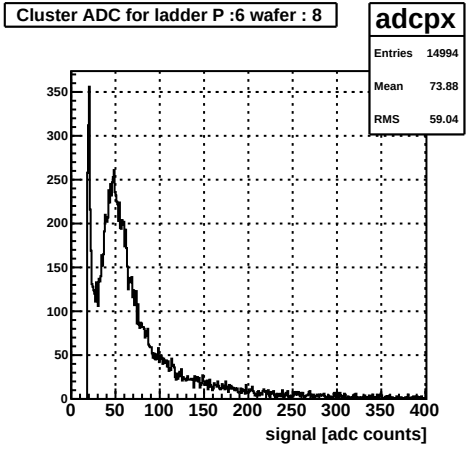

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 46595
Mean 33.55
RMS 33.25
signal [adc counts]

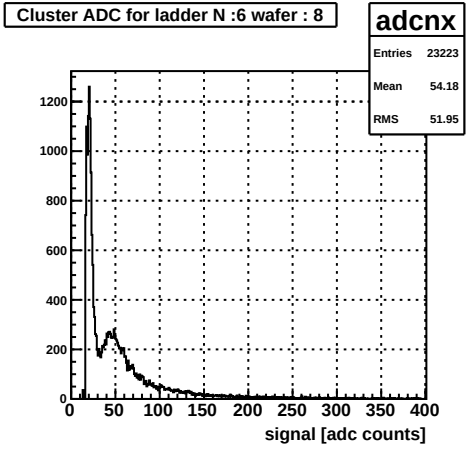

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 19406
Mean 46.02
RMS 47.05
signal [adc counts]

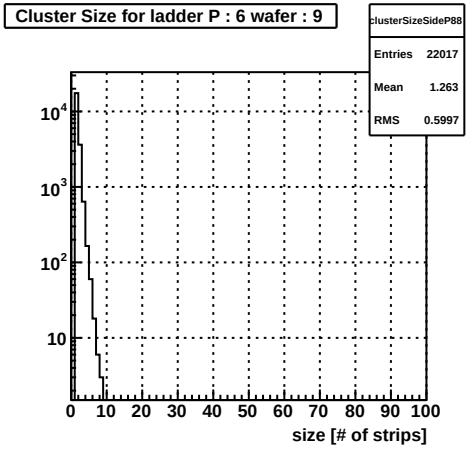

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 14994
Mean 1.355
RMS 0.6661
size [# of strips]

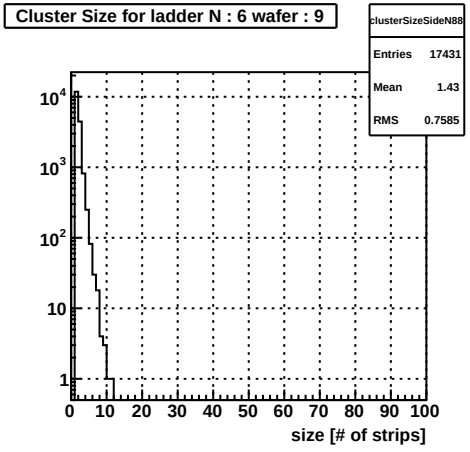

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 23223
Mean 1.323
RMS 0.6668
size [# of strips]

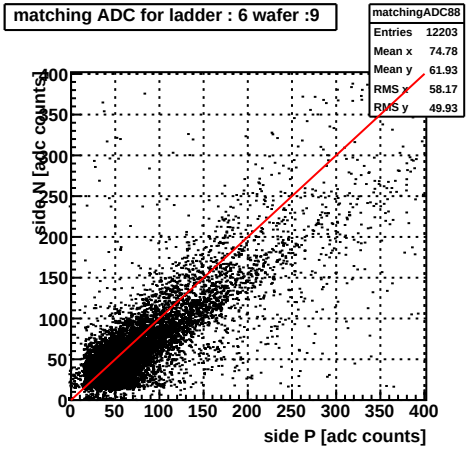

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 13320
Mean x 71.57
Mean y 70.02
RMS x 55.25
RMS y 54.12
side N [adc counts]
side P [adc counts]

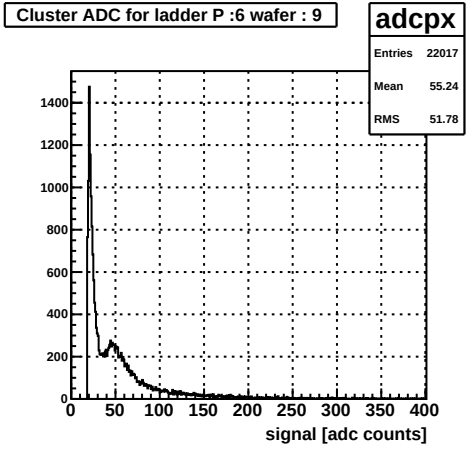

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 14994
Mean 73.88
RMS 59.04
signal [adc counts]

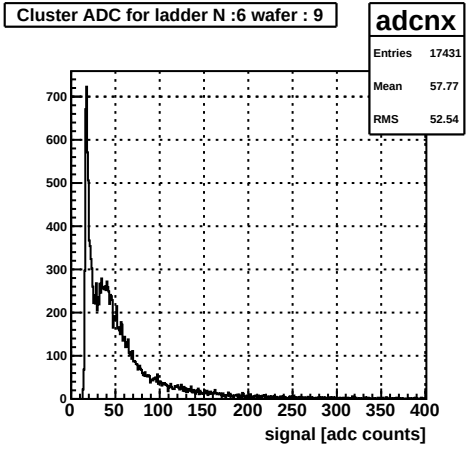

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 23223
Mean 54.18
RMS 51.95
signal [adc counts]

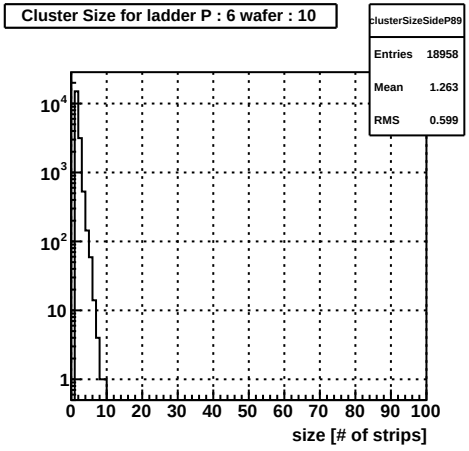

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 22017
Mean 1.263
RMS 0.5997
size [# of strips]

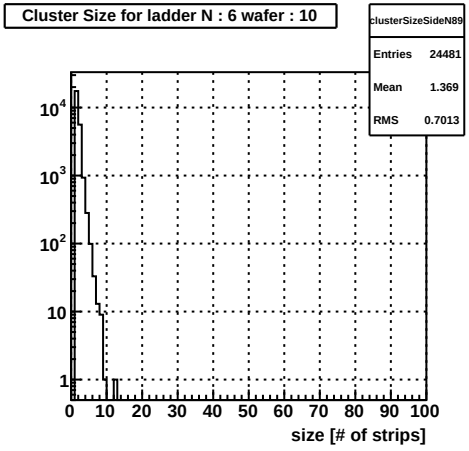

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17431
Mean 1.43
RMS 0.7585
size [# of strips]

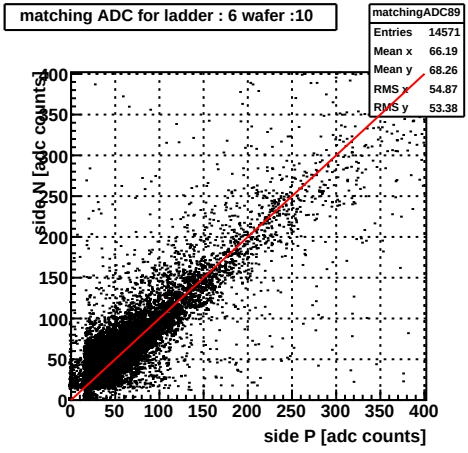

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 12203
Mean x 74.78
Mean y 61.93
RMS x 58.17
RMS y 49.93
side N [adc counts]
side P [adc counts]

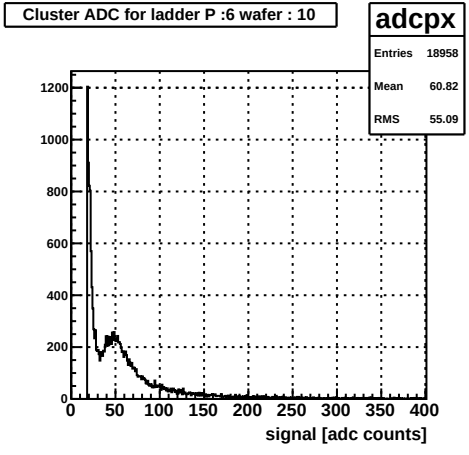

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 22017
Mean 55.24
RMS 51.78
signal [adc counts]

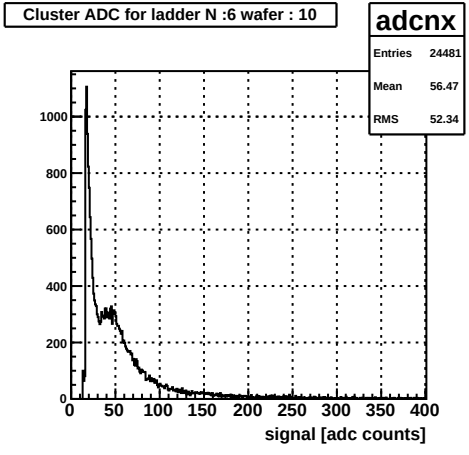

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17431
Mean 57.77
RMS 52.54
signal [adc counts]

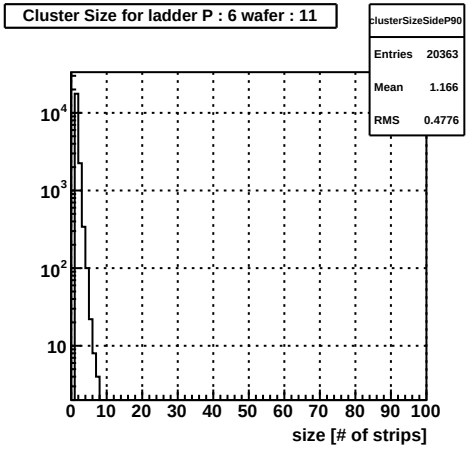

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 18958
Mean 1.263
RMS 0.599
size [# of strips]

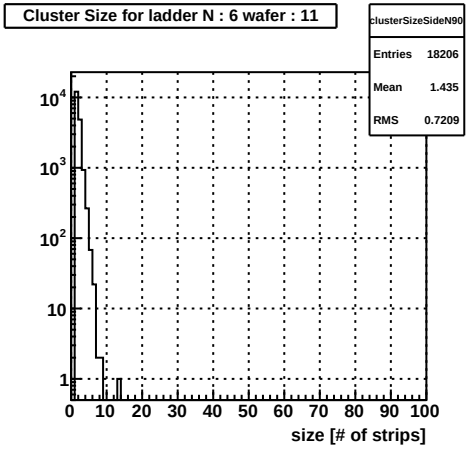

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 24481
Mean 1.369
RMS 0.7013
size [# of strips]

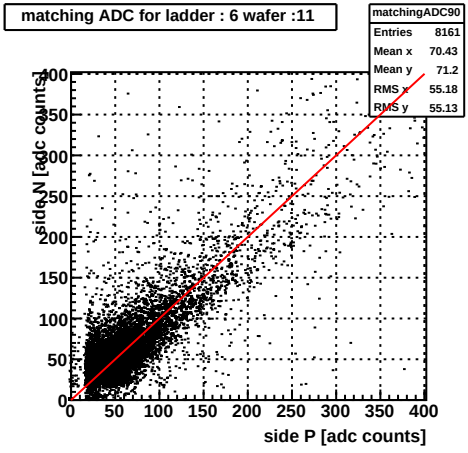

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 14571
Mean x 66.19
Mean y 68.26
RMS x 54.87
RMS y 53.38
side N [adc counts]
side P [adc counts]

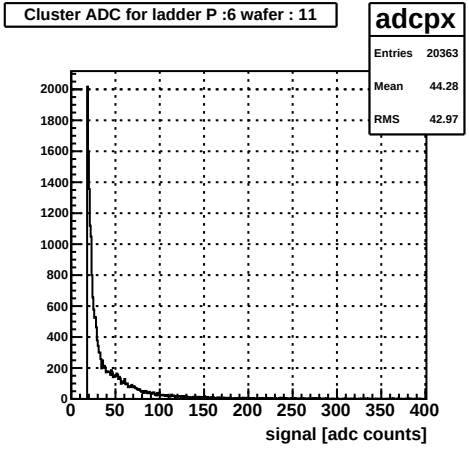

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 18958
Mean 60.82
RMS 55.09
signal [adc counts]

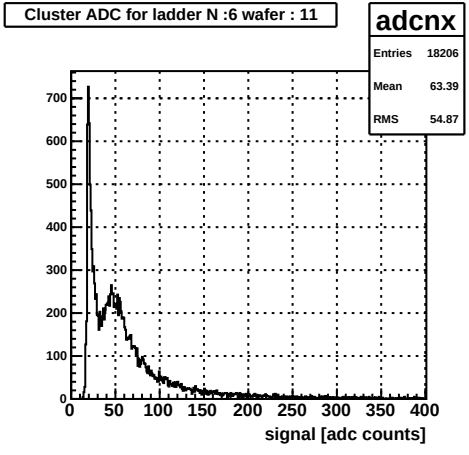

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 24481
Mean 56.47
RMS 52.34
signal [adc counts]

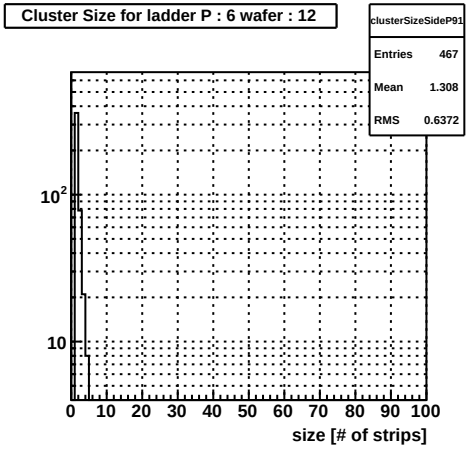

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 20363
Mean 1.166
RMS 0.4776
size [# of strips]

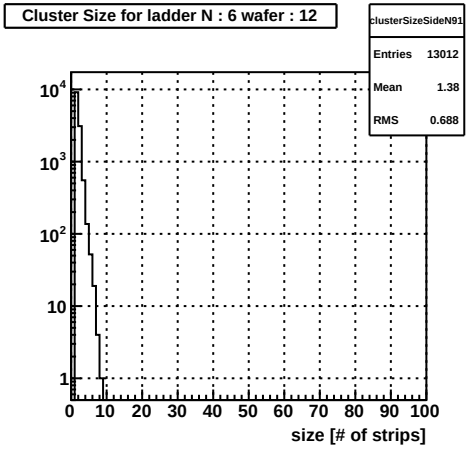

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18206
Mean 1.435
RMS 0.7209
size [# of strips]

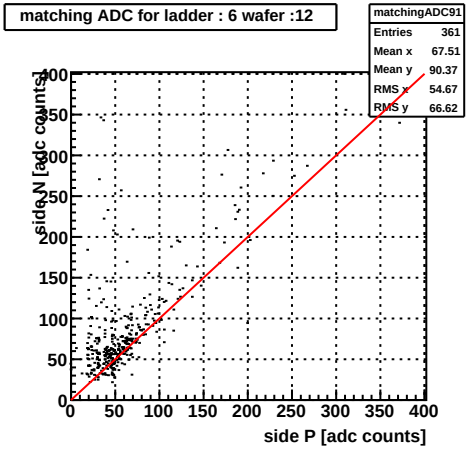

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 8161
Mean x 70.43
Mean y 71.2
RMS x 55.18
RMS y 55.13
side N [adc counts]
side P [adc counts]

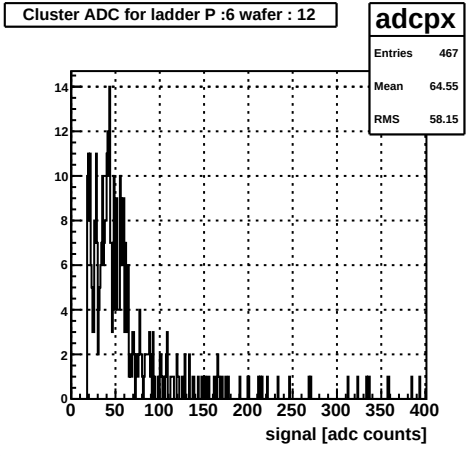

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 20363
Mean 44.28
RMS 42.97
signal [adc counts]

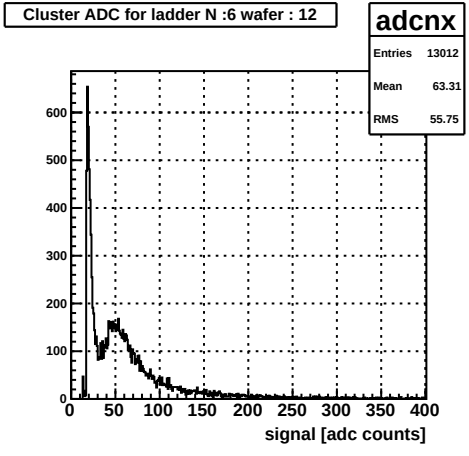

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18206
Mean 63.39
RMS 54.87
signal [adc counts]

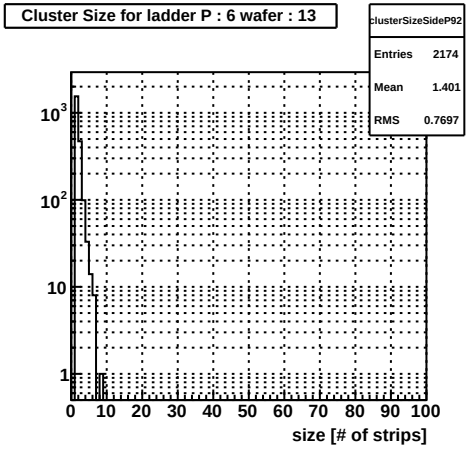

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 467
Mean 1.308
RMS 0.6372
size [# of strips]

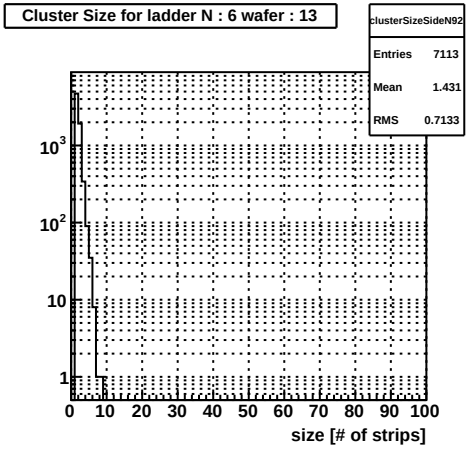

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 13012
Mean 1.38
RMS 0.688
size [# of strips]

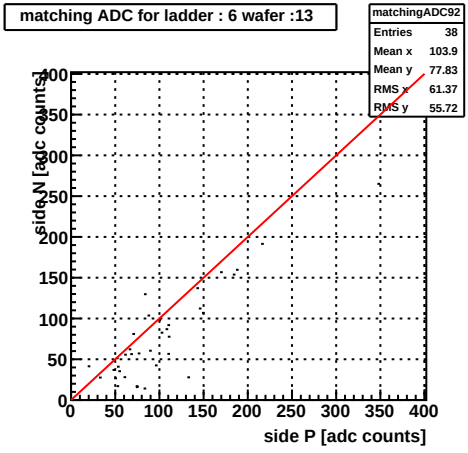

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 361
Mean x 67.51
Mean y 90.37
RMS x 54.67
RMS y 66.62
side N [adc counts]
side P [adc counts]

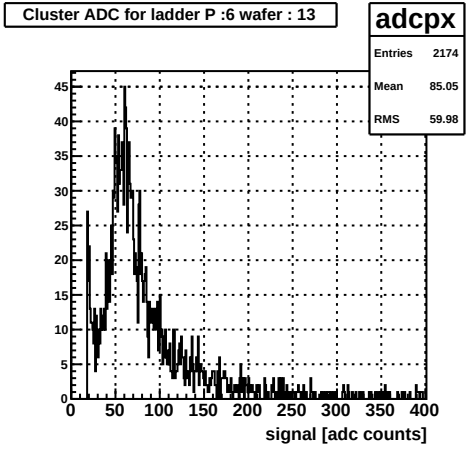

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 467
Mean 64.55
RMS 58.15
signal [adc counts]

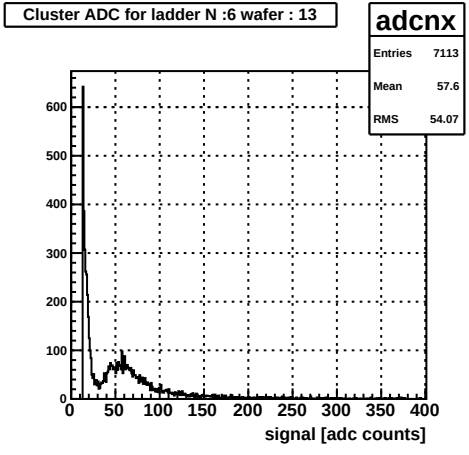

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 13012
Mean 63.31
RMS 55.75
signal [adc counts]

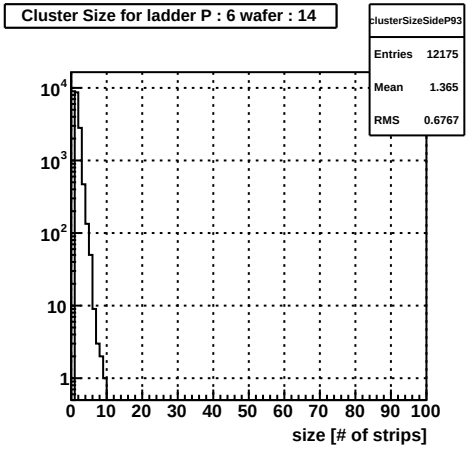

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2174
Mean 1.401
RMS 0.7697
size [# of strips]

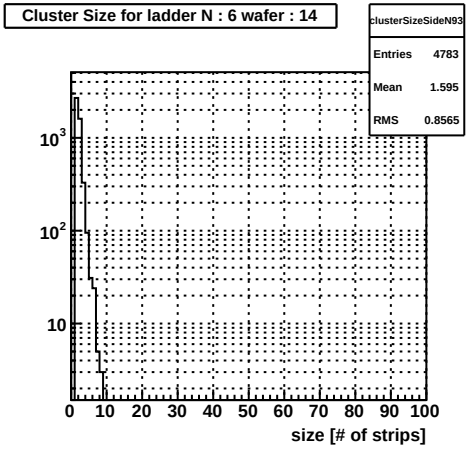

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 7113
Mean 1.431
RMS 0.7133
size [# of strips]

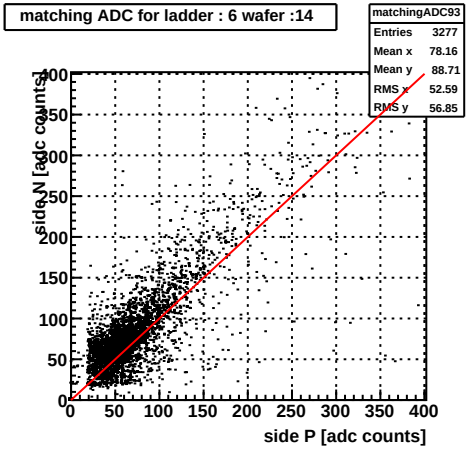

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 38
Mean x 103.9
Mean y 77.83
RMS x 61.37
RMS y 55.72
side N [adc counts]
side P [adc counts]

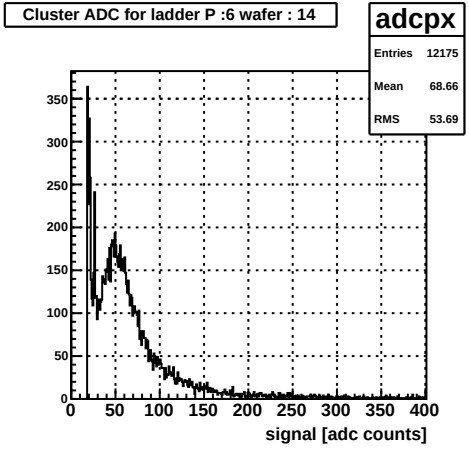

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2174
Mean 85.05
RMS 59.98
signal [adc counts]

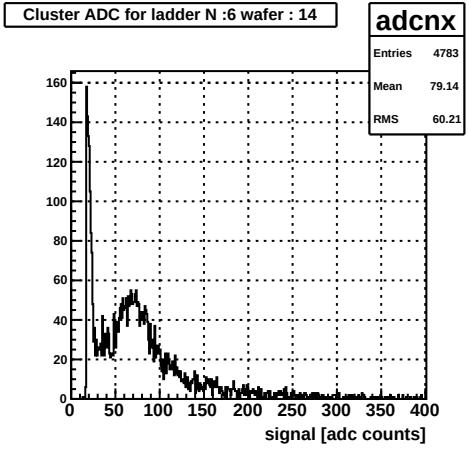

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 7113
Mean 57.6
RMS 54.07
signal [adc counts]

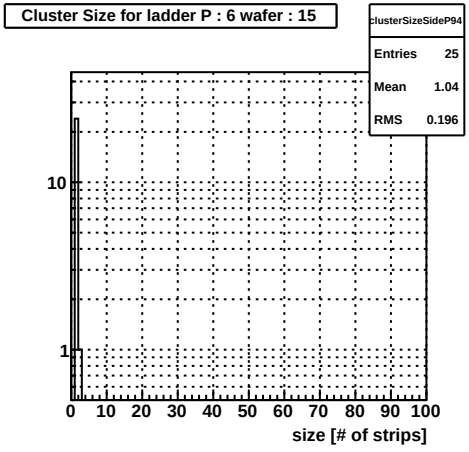

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 12175
Mean 1.365
RMS 0.6767
size [# of strips]

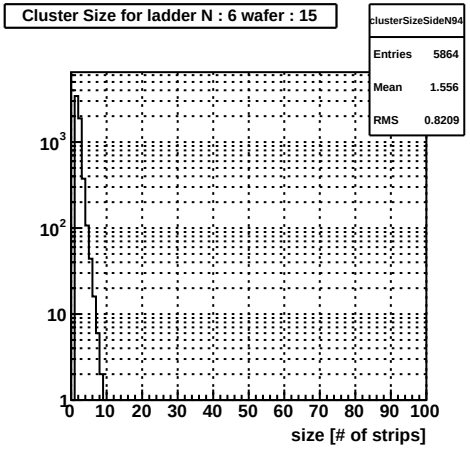

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4783
Mean 1.595
RMS 0.8565
size [# of strips]

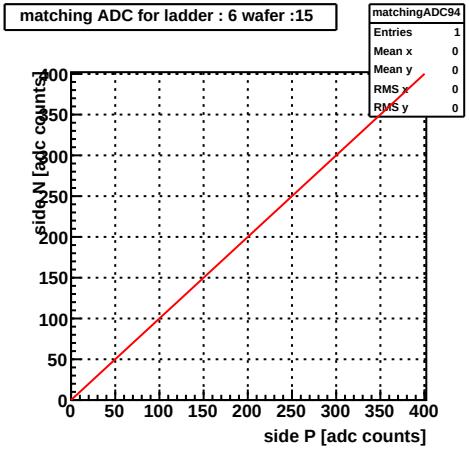

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3277
Mean x 78.16
Mean y 88.71
RMS x 52.59
RMS y 56.85
side N [adc counts]
side P [adc counts]

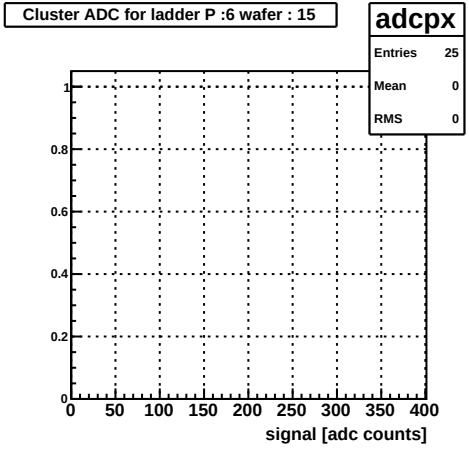

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 12175
Mean 68.66
RMS 53.69
signal [adc counts]

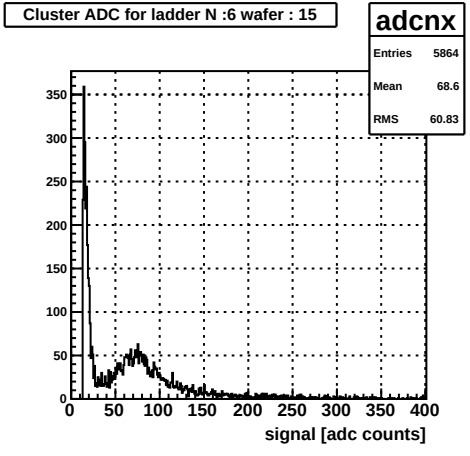

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4783
Mean 79.14
RMS 60.21
signal [adc counts]

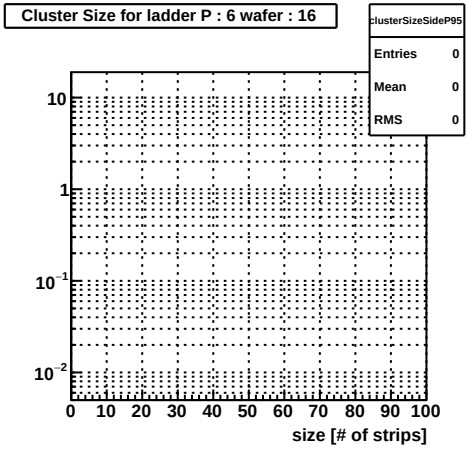

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 25
Mean 1.04
RMS 0.196
size [# of strips]

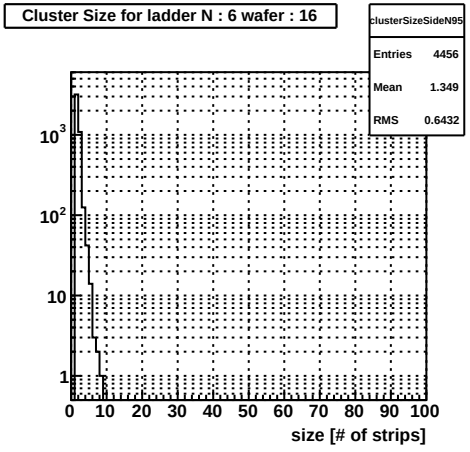

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 5864
Mean 1.556
RMS 0.8209
size [# of strips]

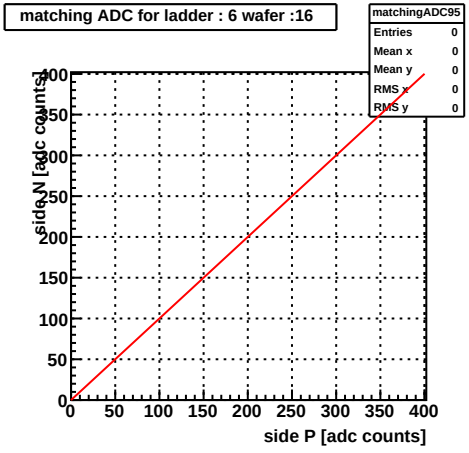

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

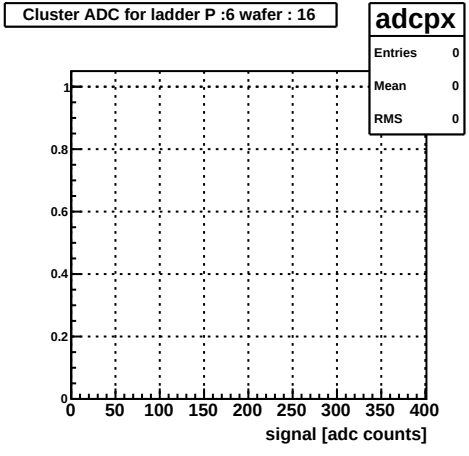

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 25
Mean 0
RMS 0
signal [adc counts]

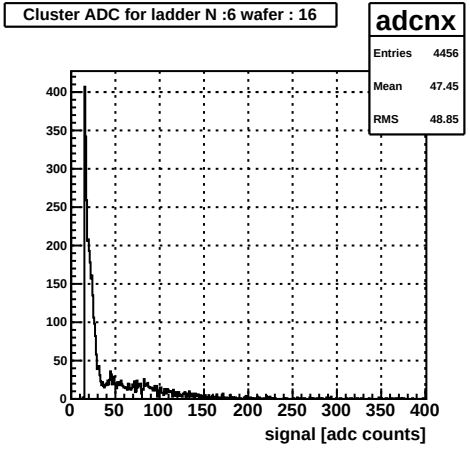

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 5864
Mean 68.6
RMS 60.83
signal [adc counts]

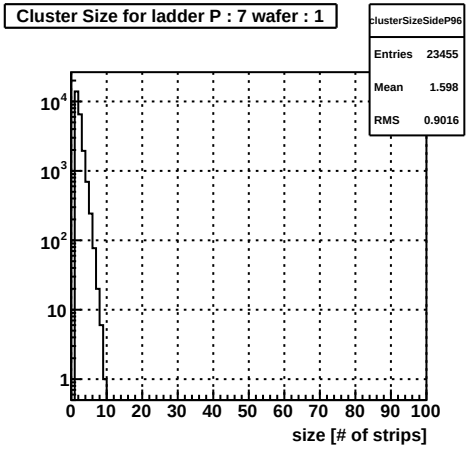

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

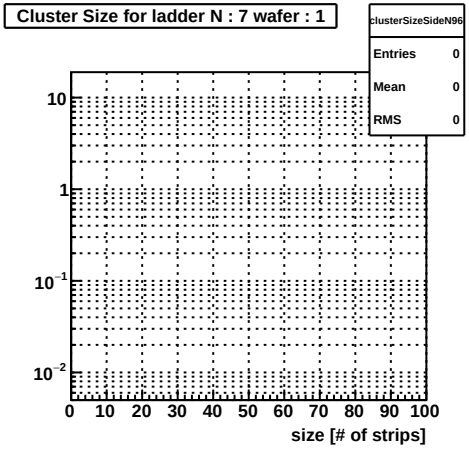

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4456
Mean 1.349
RMS 0.6432
size [# of strips]

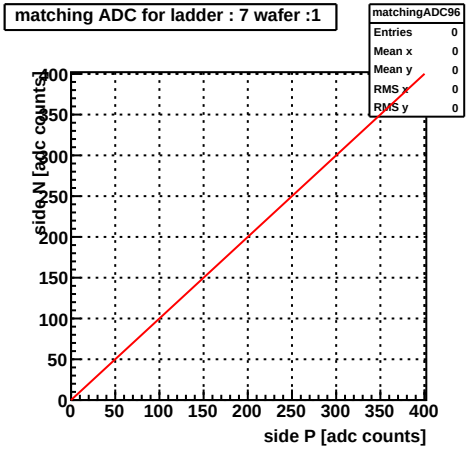

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

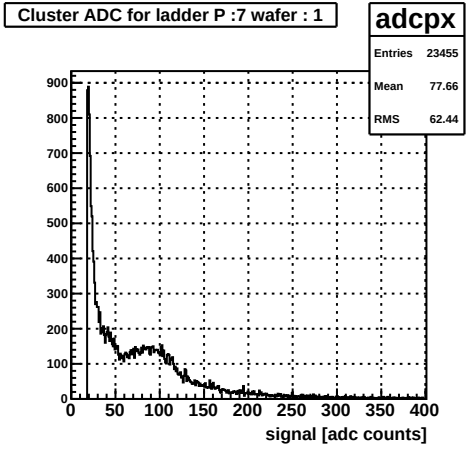

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

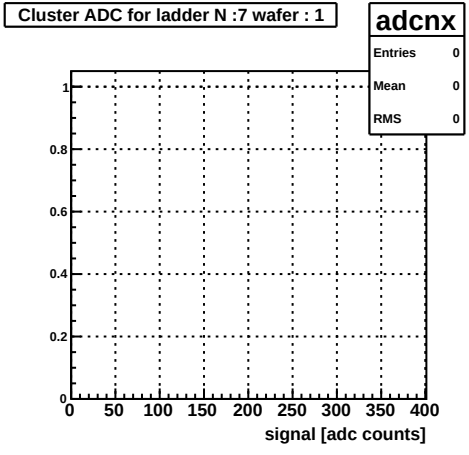

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4456
Mean 47.45
RMS 48.85
signal [adc counts]

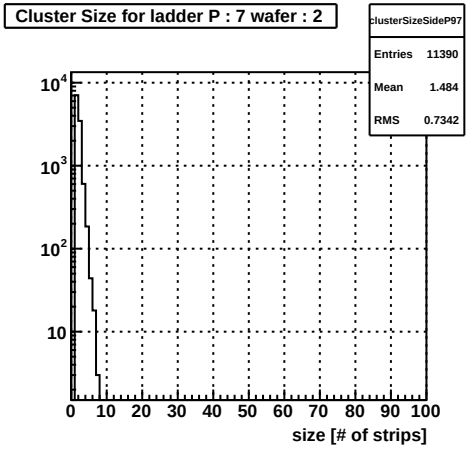

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 23455
Mean 1.598
RMS 0.9016
size [# of strips]

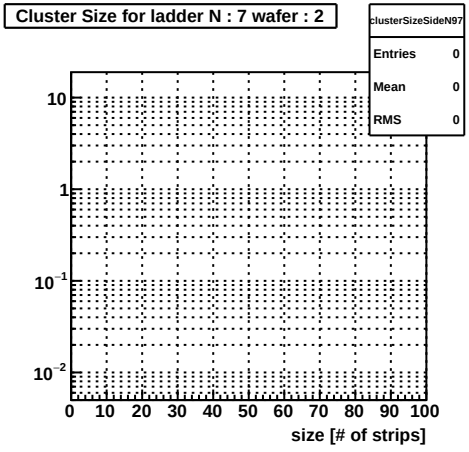

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

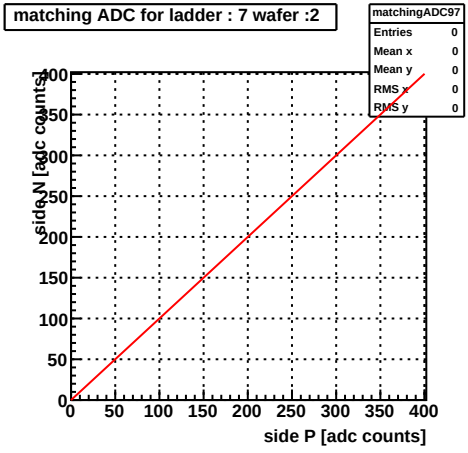

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

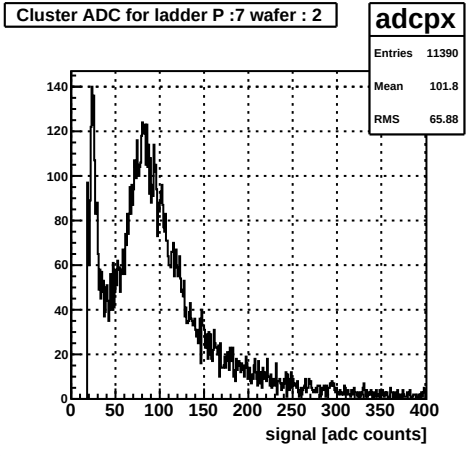

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 23455
Mean 77.66
RMS 62.44
signal [adc counts]

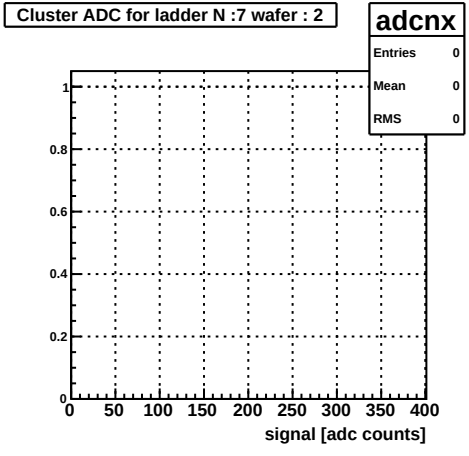

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

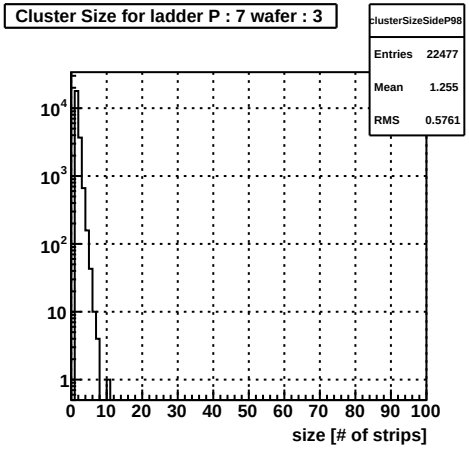

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 11390
Mean 1.484
RMS 0.7342
size [# of strips]

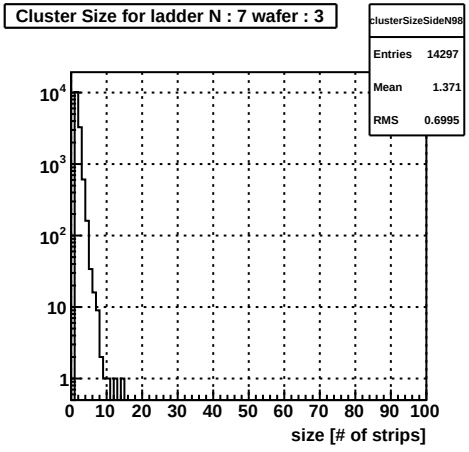

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

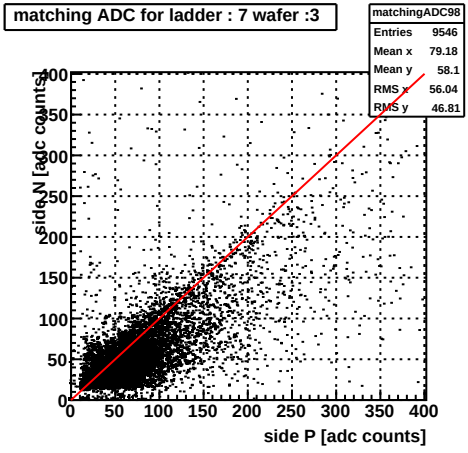

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

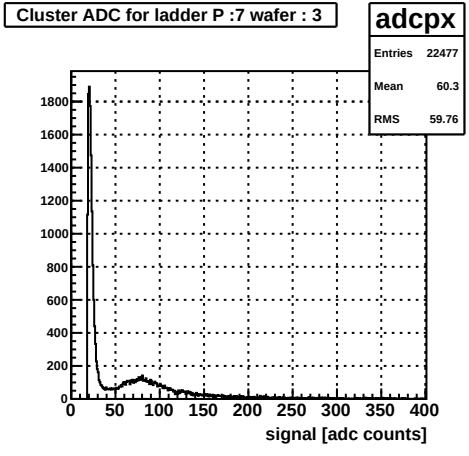

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 11390
Mean 101.8
RMS 65.88
signal [adc counts]

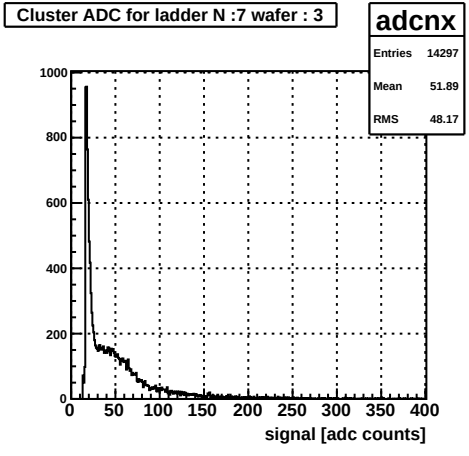

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

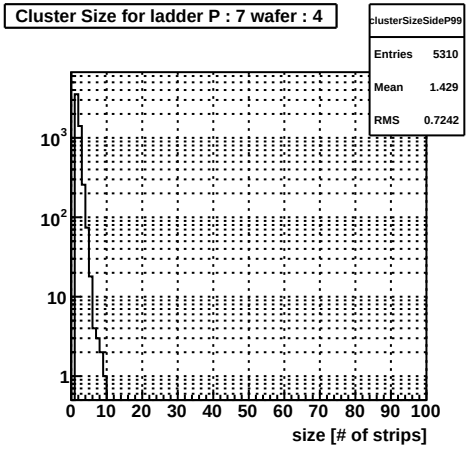

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 22477
Mean 1.255
RMS 0.5761
size [# of strips]

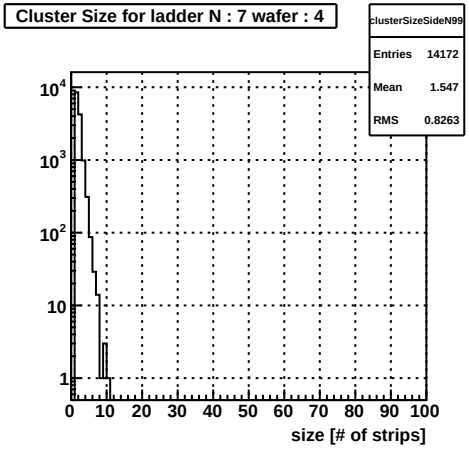

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 14297
Mean 1.371
RMS 0.6995
size [# of strips]

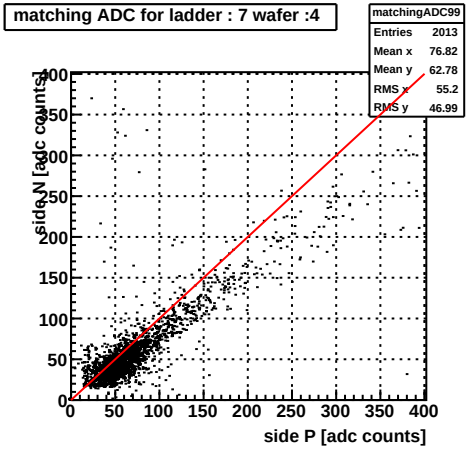

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9546
Mean x 79.18
Mean y 58.1
RMS x 56.04
RMS y 46.81
side N [adc counts]
side P [adc counts]

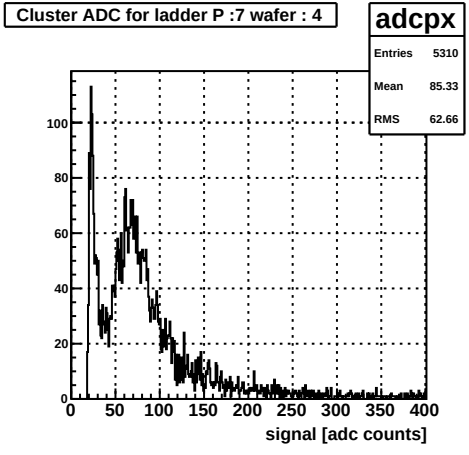

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 22477
Mean 60.3
RMS 59.76
signal [adc counts]

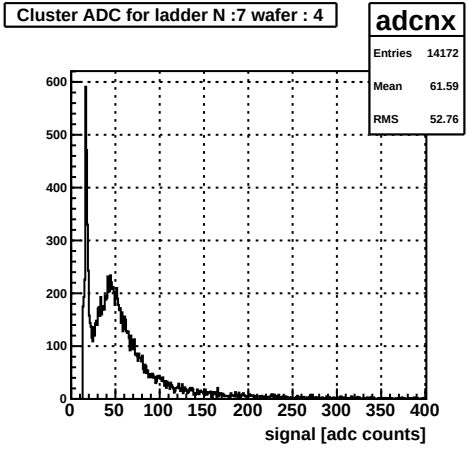

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 14297
Mean 51.89
RMS 48.17
signal [adc counts]

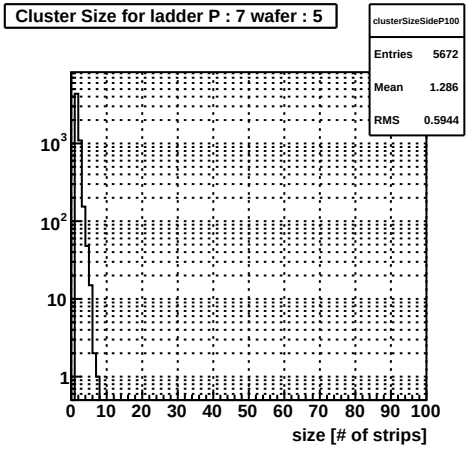

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5310
Mean 1.429
RMS 0.7242
size [# of strips]

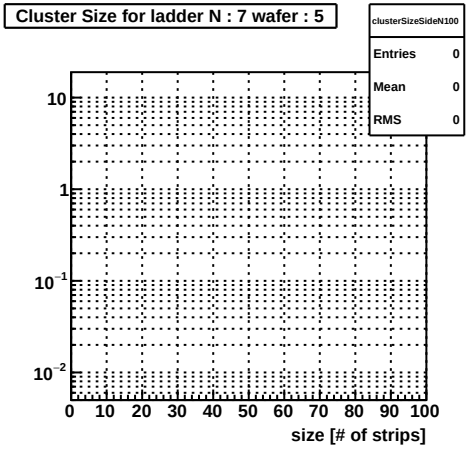

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 14172
Mean 1.547
RMS 0.8263
size [# of strips]

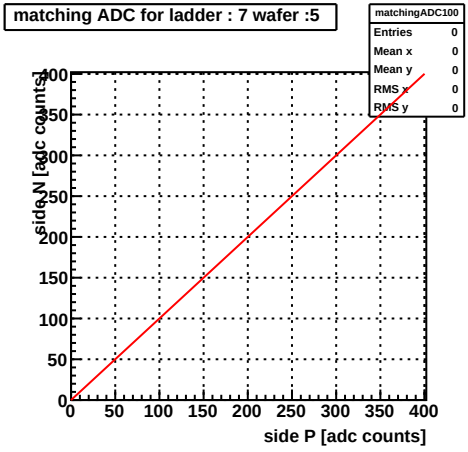

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2013
Mean x 76.82
Mean y 62.78
RMS x 55.2
RMS y 46.99
side N [adc counts]
side P [adc counts]

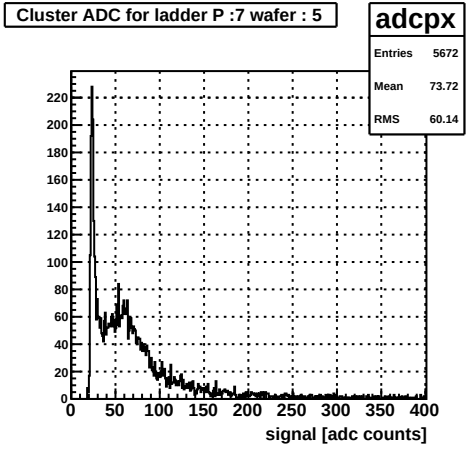

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5310
Mean 85.33
RMS 62.66
signal [adc counts]

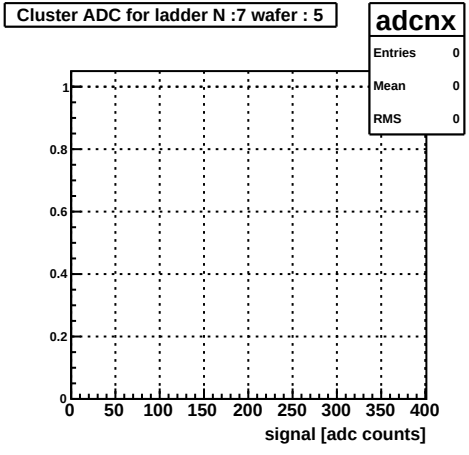

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 14172
Mean 61.59
RMS 52.76
signal [adc counts]

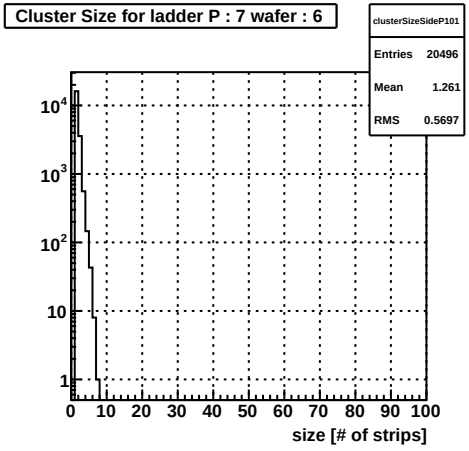

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 5672
Mean 1.286
RMS 0.5944
size [# of strips]

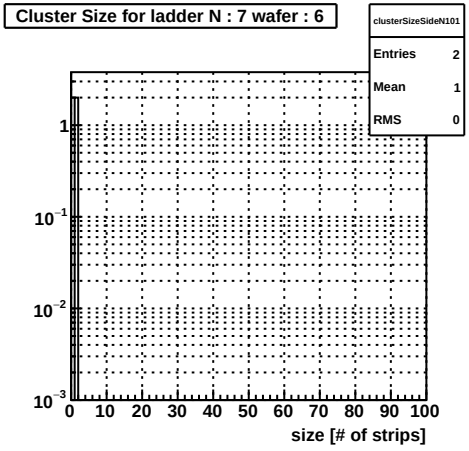

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

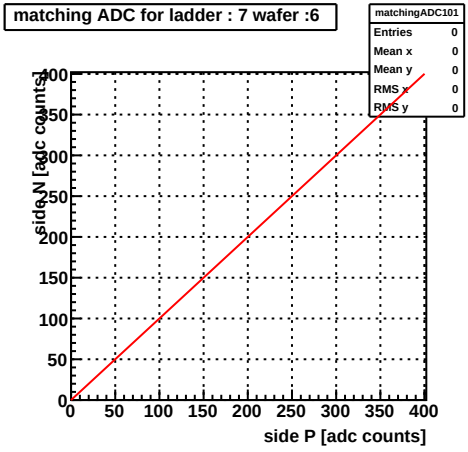

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

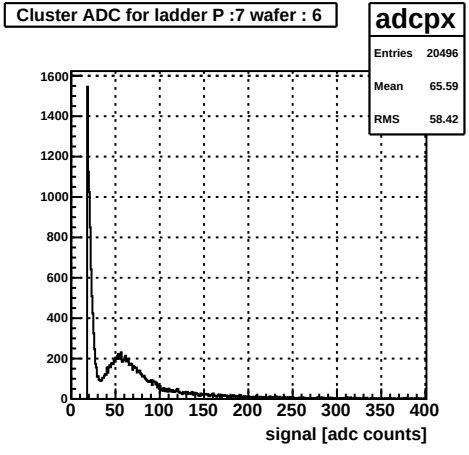

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 5672
Mean 73.72
RMS 60.14
signal [adc counts]

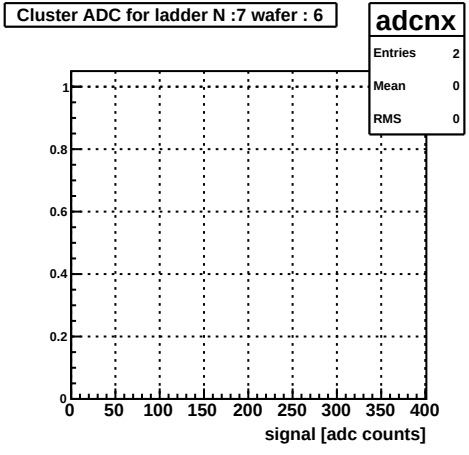

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

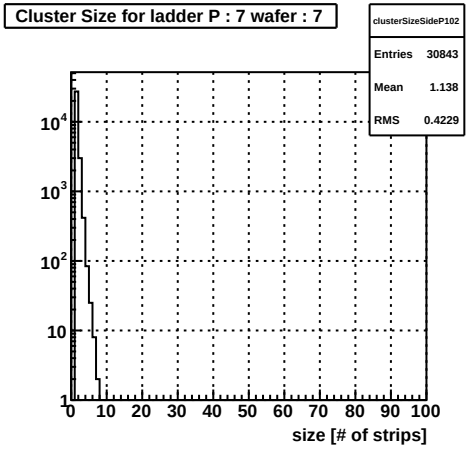

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 20496
Mean 1.261
RMS 0.5697
size [# of strips]

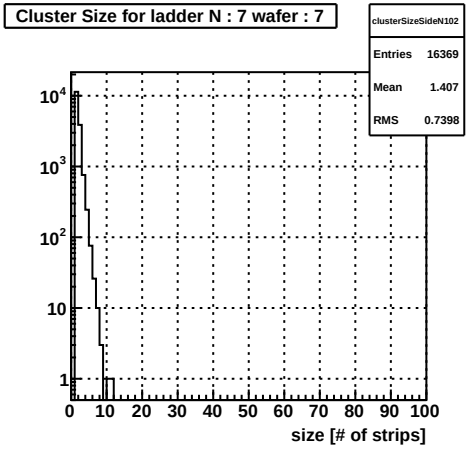

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 2
Mean 1
RMS 0
size [# of strips]

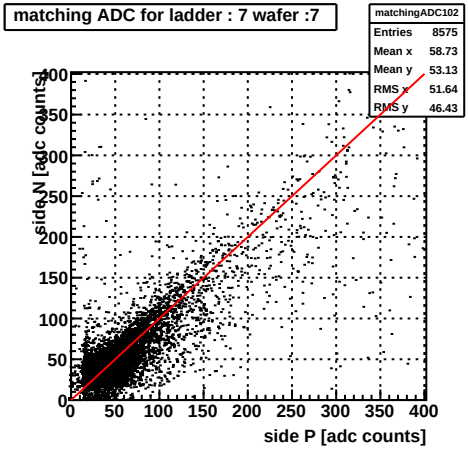

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

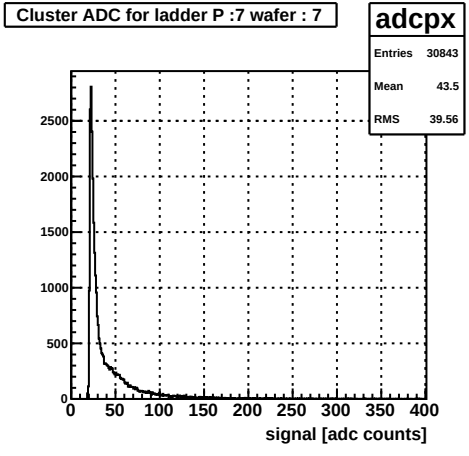

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 20496
Mean 65.59
RMS 58.42
signal [adc counts]

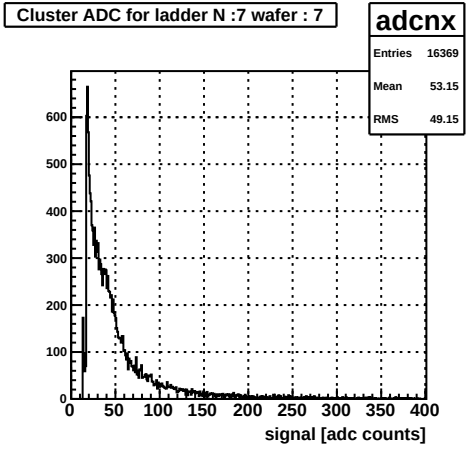

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

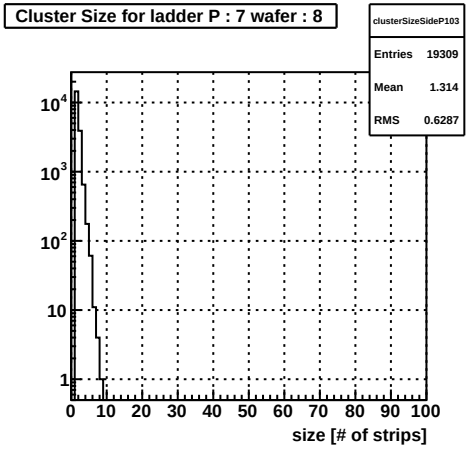

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 30843
Mean 1.138
RMS 0.4229
size [# of strips]

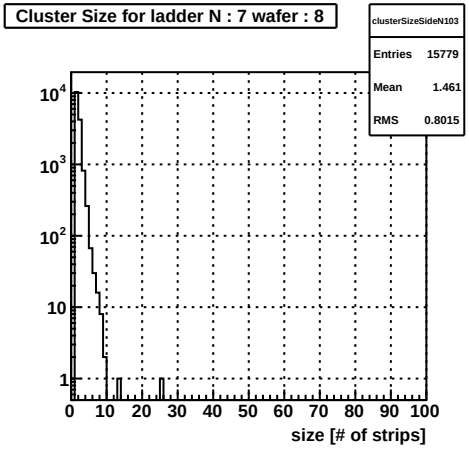

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 16369
Mean 1.407
RMS 0.7398
size [# of strips]

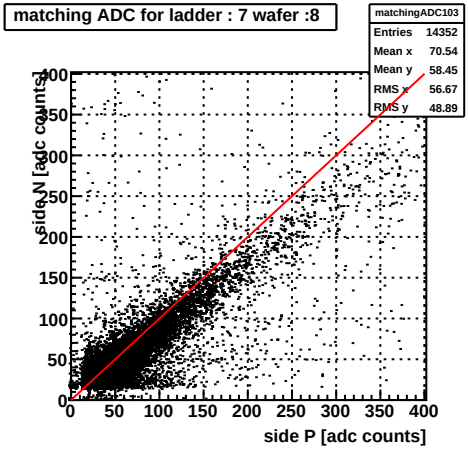

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8575
Mean x 58.73
Mean y 53.13
RMS x 51.64
RMS y 46.43
side N [adc counts]
side P [adc counts]

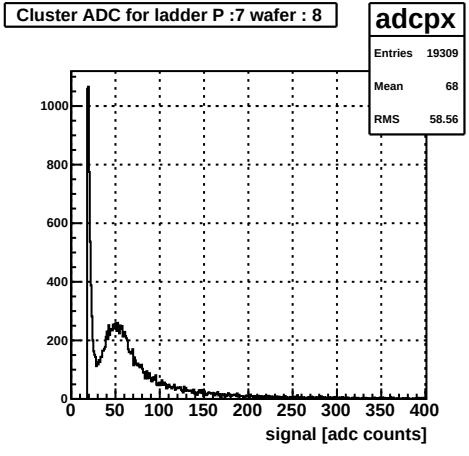

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 30843
Mean 43.5
RMS 39.56
signal [adc counts]

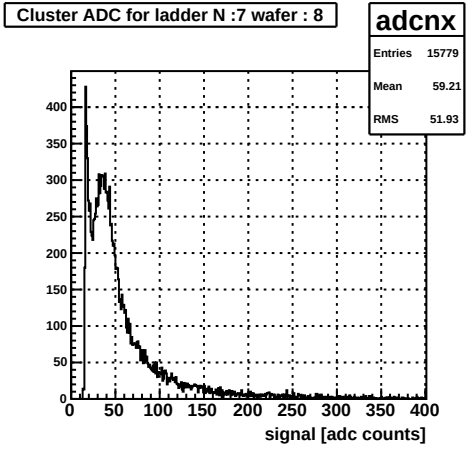

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 16369
Mean 53.15
RMS 49.15
signal [adc counts]

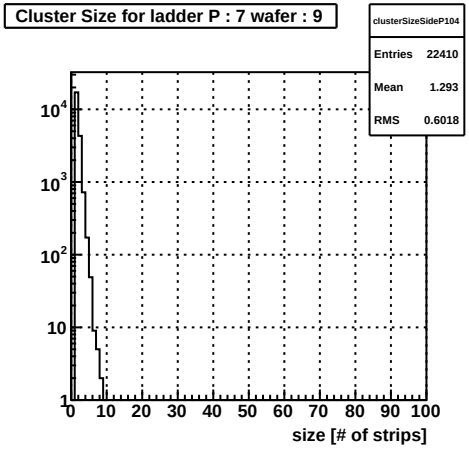

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 19309
Mean 1.314
RMS 0.6287
size [# of strips]

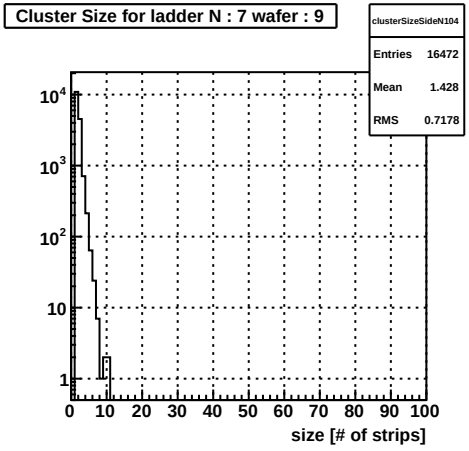

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 15779
Mean 1.461
RMS 0.8015
size [# of strips]

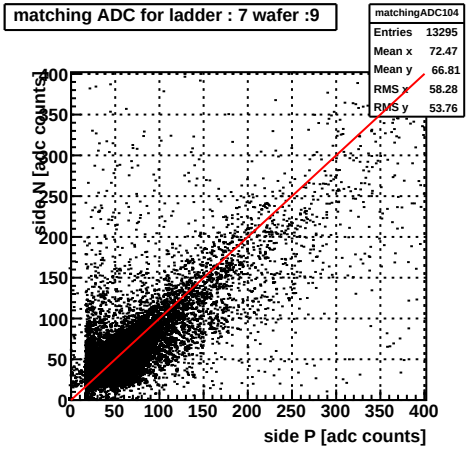

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 14352
Mean x 70.54
Mean y 58.45
RMS x 56.67
RMS y 48.89
side N [adc counts]
side P [adc counts]

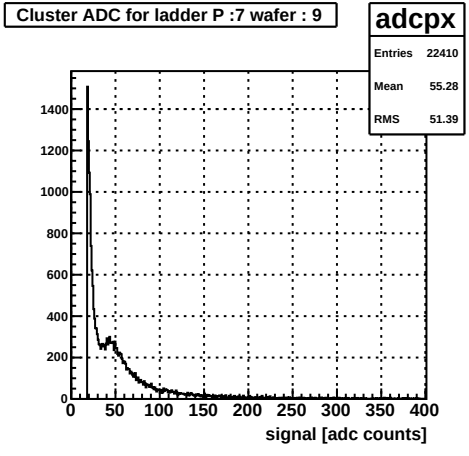

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 19309
Mean 68
RMS 58.56
signal [adc counts]

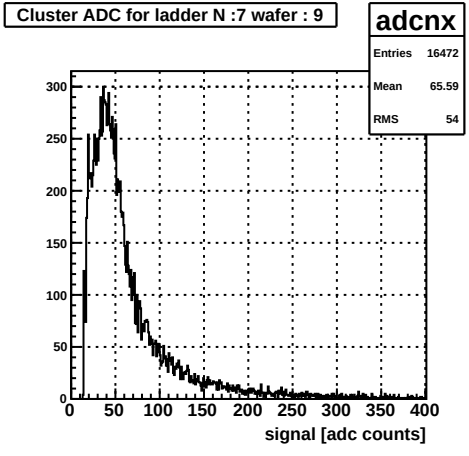

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 15779
Mean 59.21
RMS 51.93
signal [adc counts]

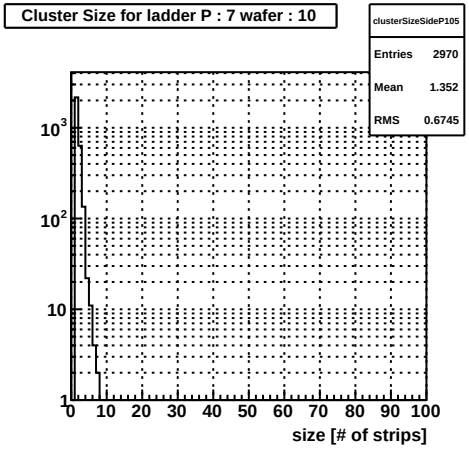

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 22410
Mean 1.293
RMS 0.6018
size [# of strips]

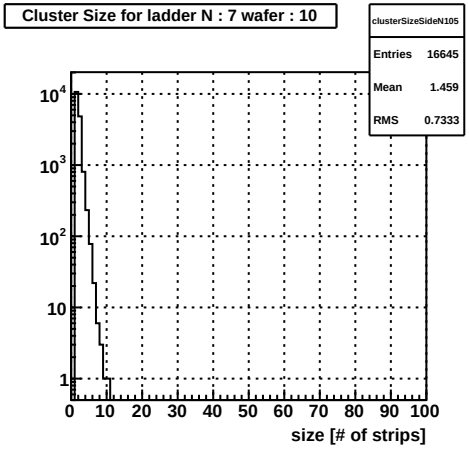

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 16472
Mean 1.428
RMS 0.7178
size [# of strips]

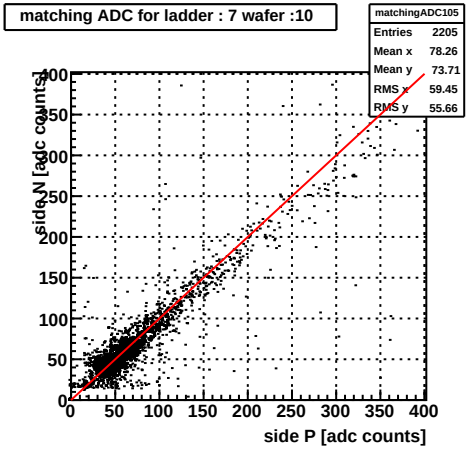

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 13295
Mean x 72.47
Mean y 66.81
RMS x 58.28
RMS y 53.76
side N [adc counts]
side P [adc counts]

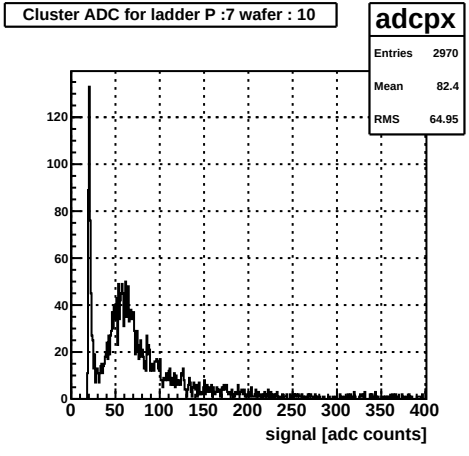

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 22410
Mean 55.28
RMS 51.39
signal [adc counts]

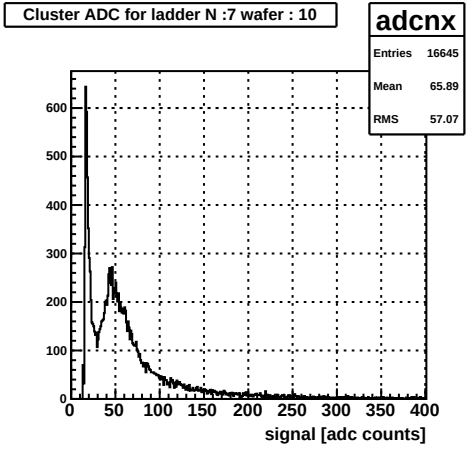

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 16472
Mean 65.59
RMS 54
signal [adc counts]

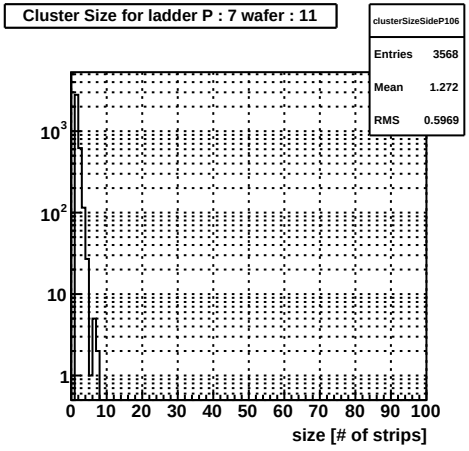

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2970
Mean 1.352
RMS 0.6745
size [# of strips]

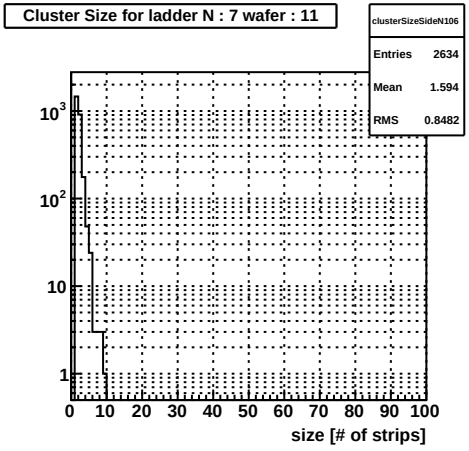

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 16645
Mean 1.459
RMS 0.7333
size [# of strips]

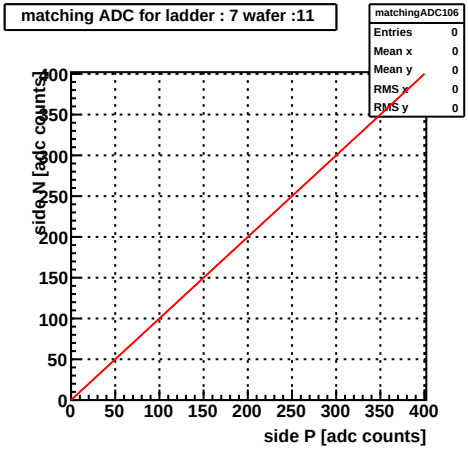

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2205
Mean x 78.26
Mean y 73.71
RMS x 59.45
RMS y 55.66
side N [adc counts]
side P [adc counts]

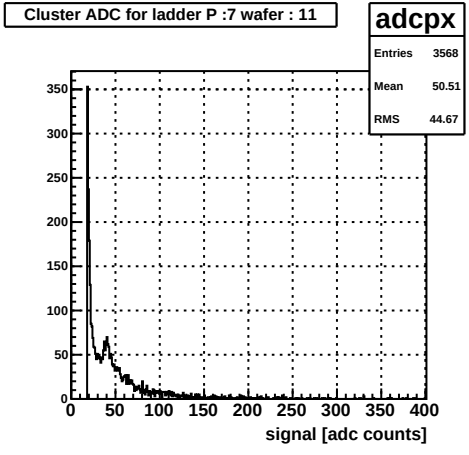

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2970
Mean 82.4
RMS 64.95
signal [adc counts]

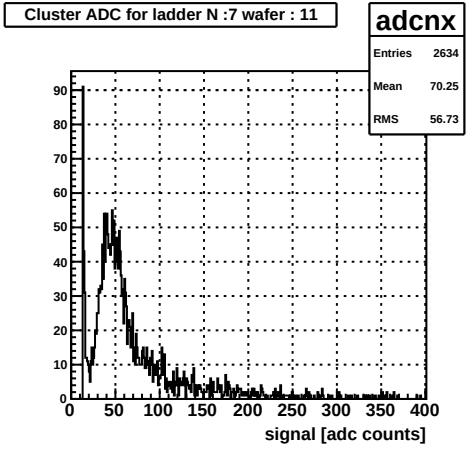

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 16645
Mean 65.89
RMS 57.07
signal [adc counts]

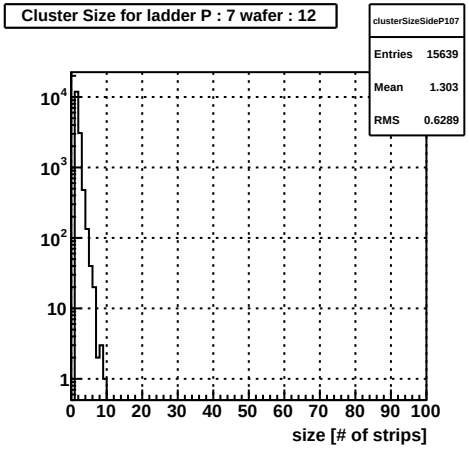

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3568
Mean 1.272
RMS 0.5969
size [# of strips]

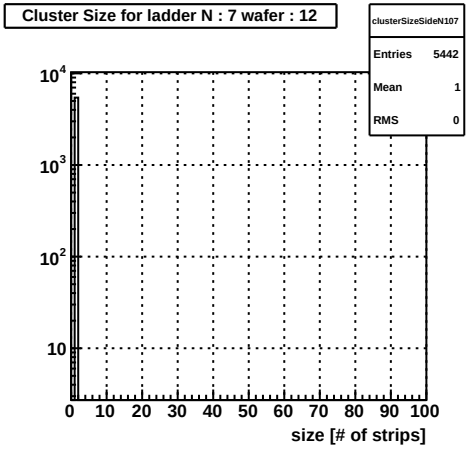

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2634
Mean 1.594
RMS 0.8482
size [# of strips]

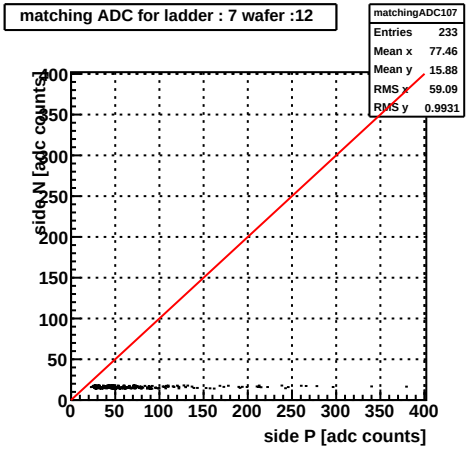

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

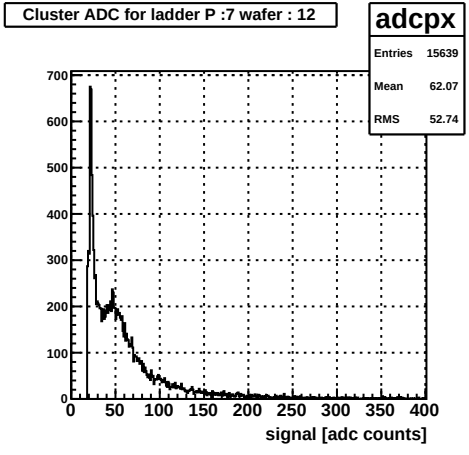

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3568
Mean 50.51
RMS 44.67
signal [adc counts]

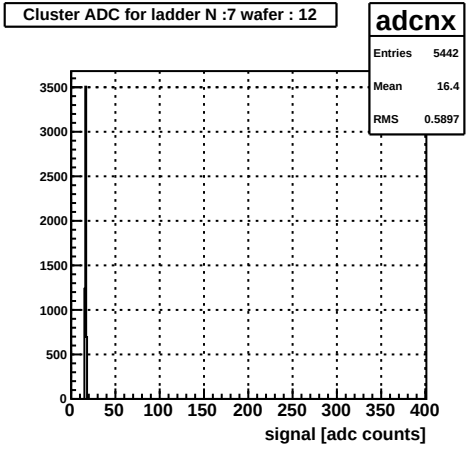

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2634
Mean 70.25
RMS 56.73
signal [adc counts]

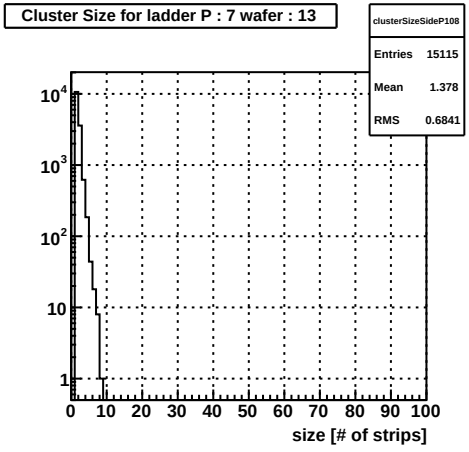

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 15639
Mean 1.303
RMS 0.6289
size [# of strips]

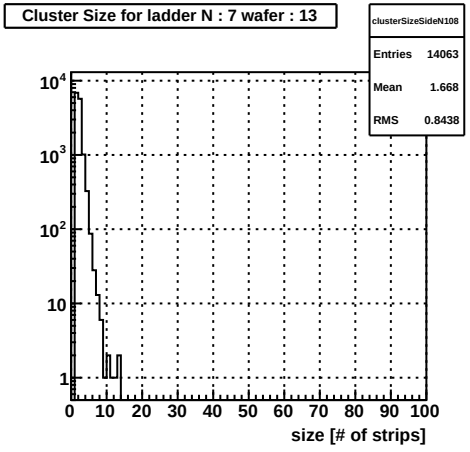

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 5442
Mean 1
RMS 0
size [# of strips]

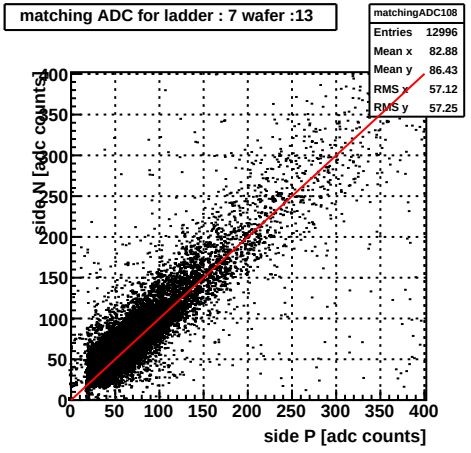

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 233
Mean x 77.46
Mean y 15.88
RMS x 59.09
RMS y 0.9931
side N [adc counts]
side P [adc counts]

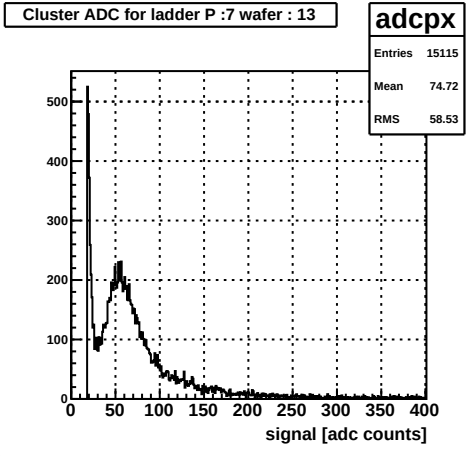

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 15639
Mean 62.07
RMS 52.74
signal [adc counts]

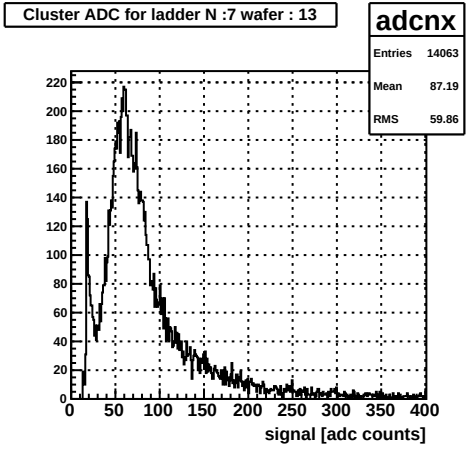

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 5442
Mean 16.4
RMS 0.5897
signal [adc counts]

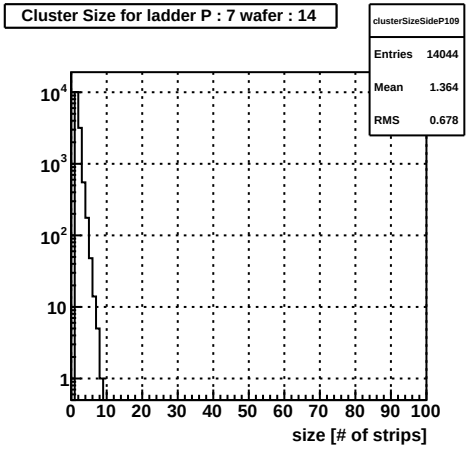

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 15115
Mean 1.378
RMS 0.6841
size [# of strips]

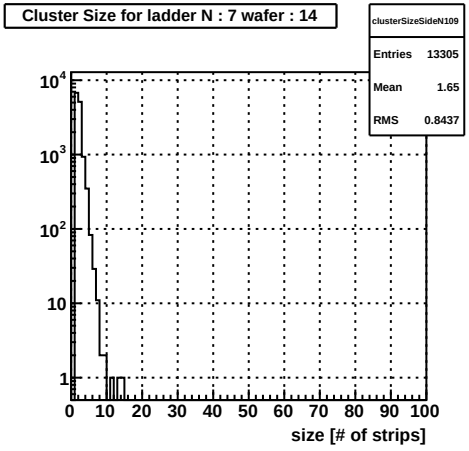

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 14063
Mean 1.668
RMS 0.8438
size [# of strips]

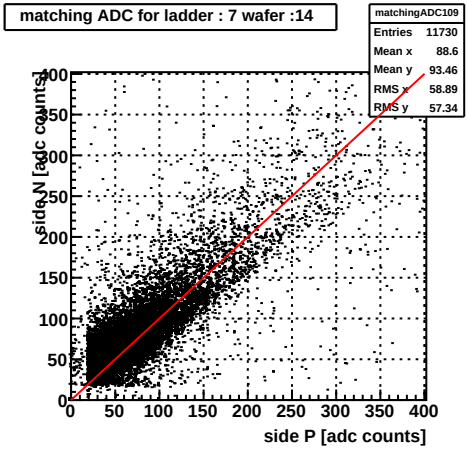

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 12996
Mean x 82.88
Mean y 86.43
RMS x 57.12
RMS y 57.25
side N [adc counts]
side P [adc counts]

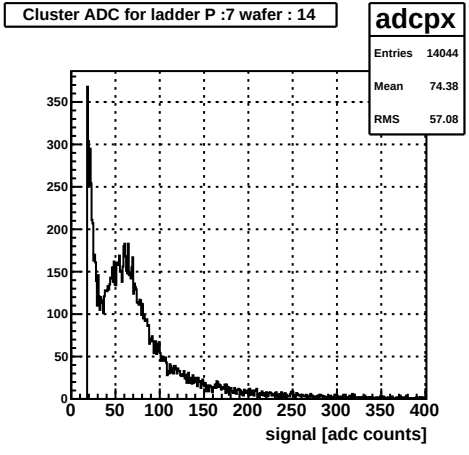

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 15115
Mean 74.72
RMS 58.53
signal [adc counts]

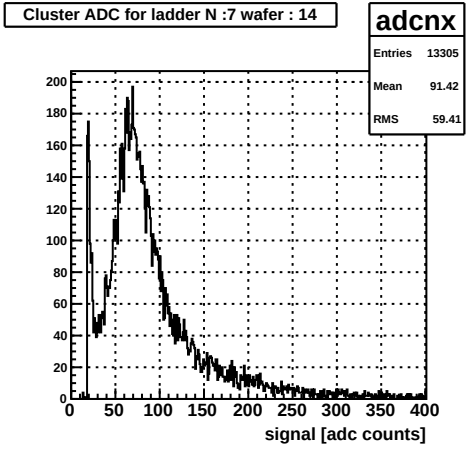

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 14063
Mean 87.19
RMS 59.86
signal [adc counts]

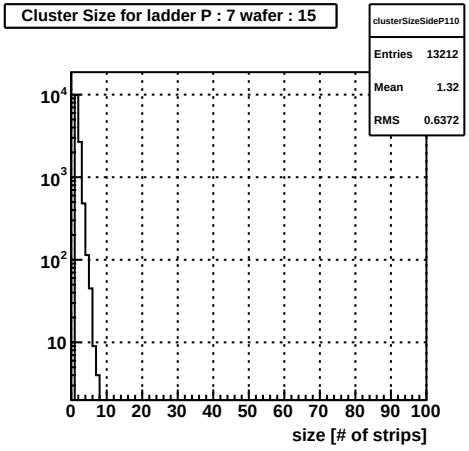

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 14044
Mean 1.364
RMS 0.678
size [# of strips]

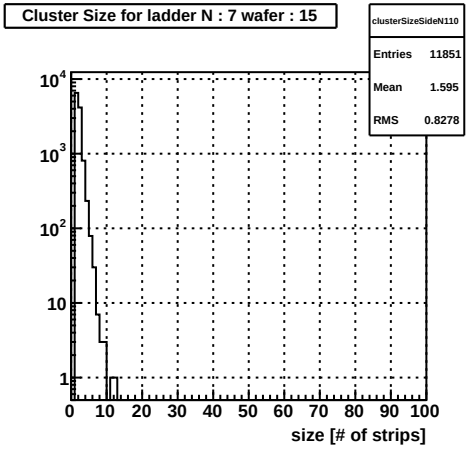

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 13305
Mean 1.65
RMS 0.8437
size [# of strips]

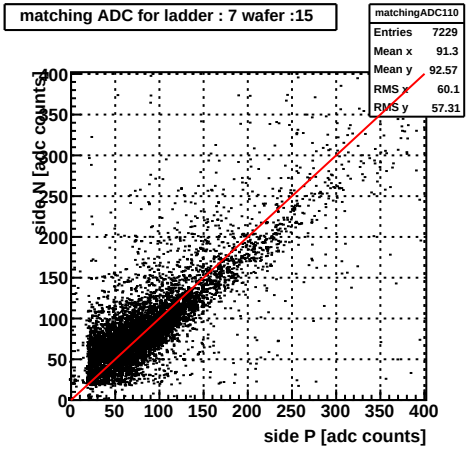

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 11730
Mean x 88.6
Mean y 93.46
RMS x 58.89
RMS y 57.34
side N [adc counts]
side P [adc counts]

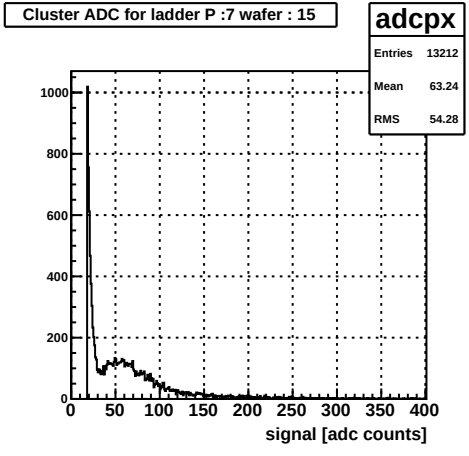

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 14044
Mean 74.38
RMS 57.08
signal [adc counts]

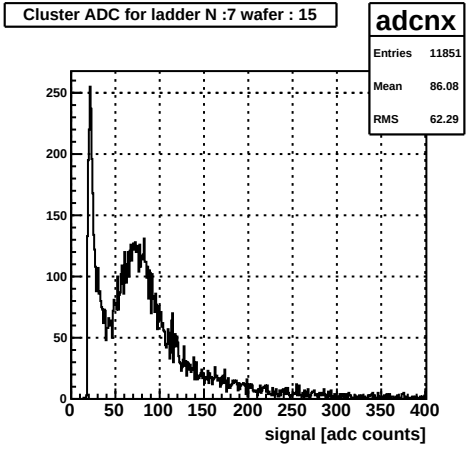

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 13305
Mean 91.42
RMS 59.41
signal [adc counts]

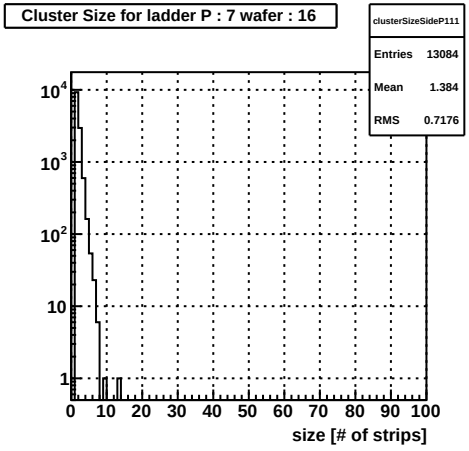

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 13212
Mean 1.32
RMS 0.6372
size [# of strips]

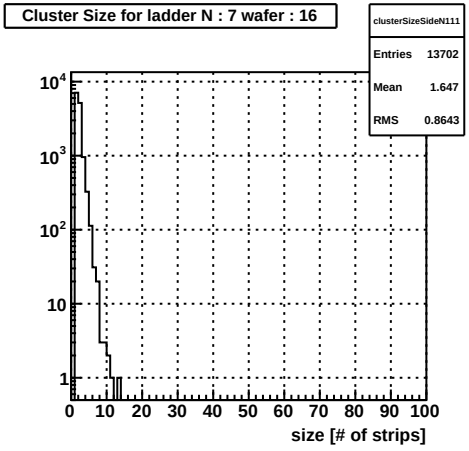

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11851
Mean 1.595
RMS 0.8278
size [# of strips]

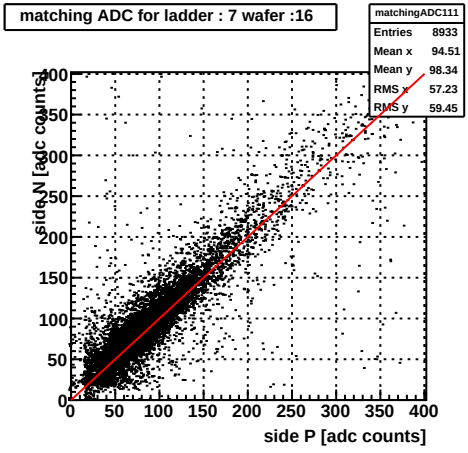

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 7229
Mean x 91.3
Mean y 92.57
RMS x 60.1
RMS y 57.31
side N [adc counts]
side P [adc counts]

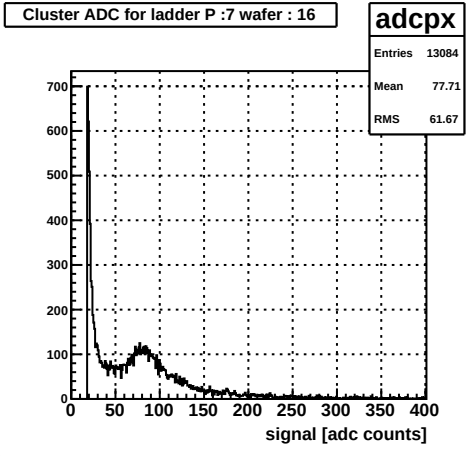

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 13212
Mean 63.24
RMS 54.28
signal [adc counts]

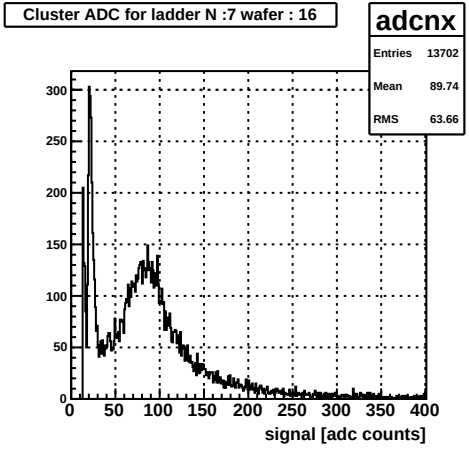

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11851
Mean 86.08
RMS 62.29
signal [adc counts]

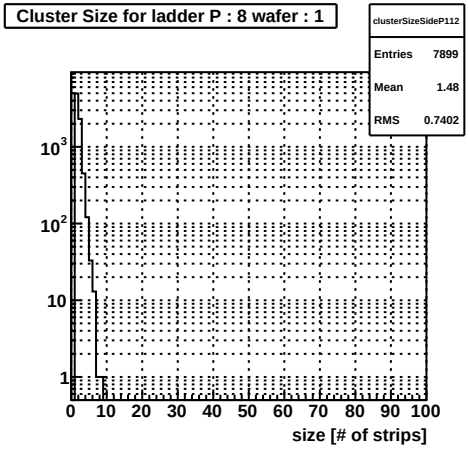

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 13084
Mean 1.384
RMS 0.7176
size [# of strips]

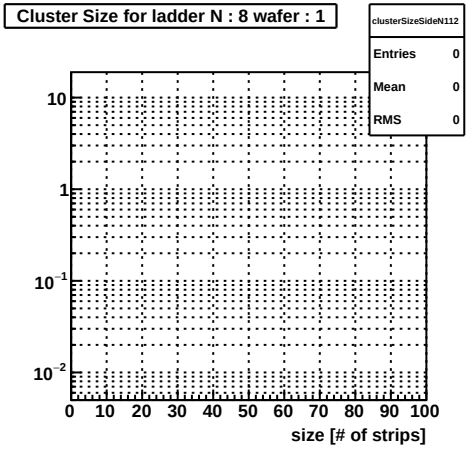

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 13702
Mean 1.647
RMS 0.8643
size [# of strips]

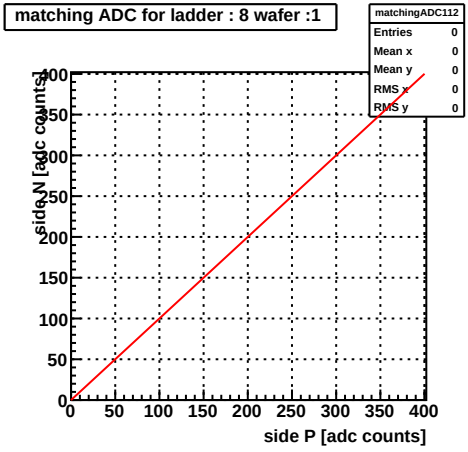

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8933
Mean x 94.51
Mean y 98.34
RMS x 57.23
RMS y 59.45
side N [adc counts]
side P [adc counts]

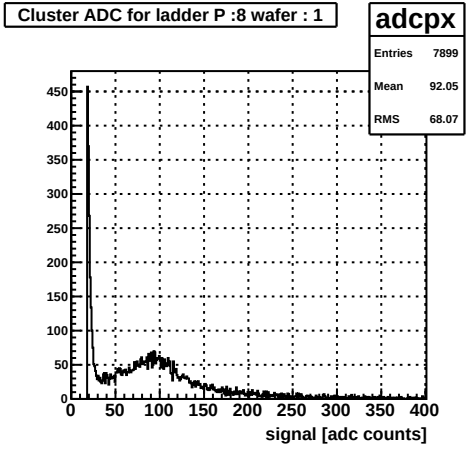

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 13084
Mean 77.71
RMS 61.67
signal [adc counts]

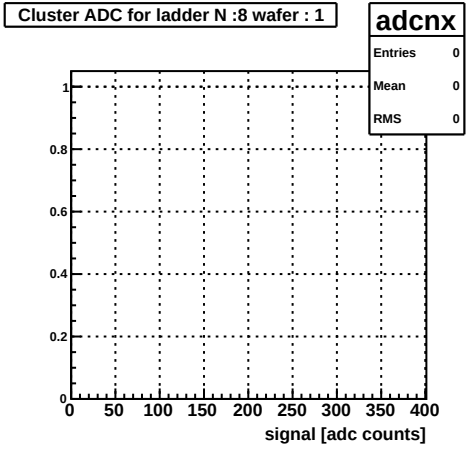

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 13702
Mean 89.74
RMS 63.66
signal [adc counts]

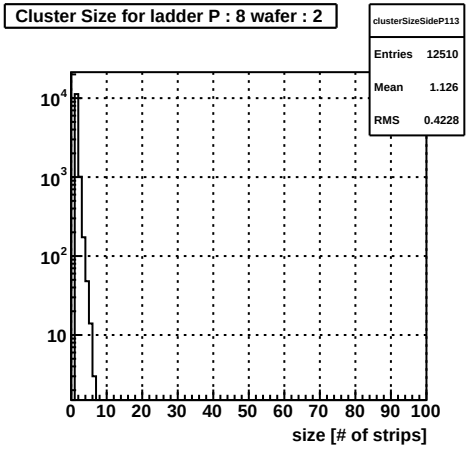

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 7899
Mean 1.48
RMS 0.7402
size [# of strips]

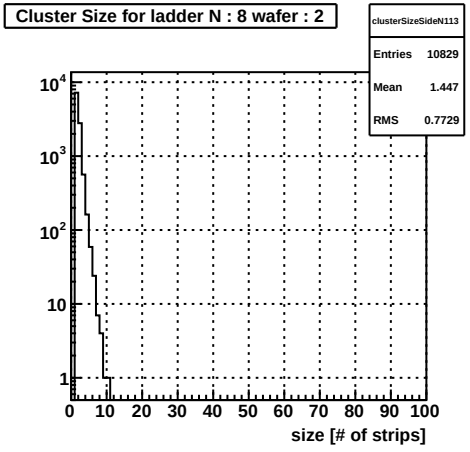

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

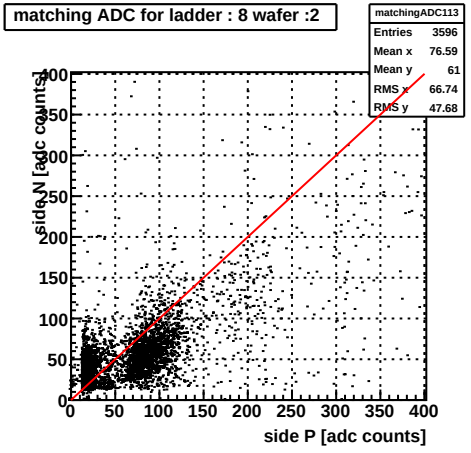

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

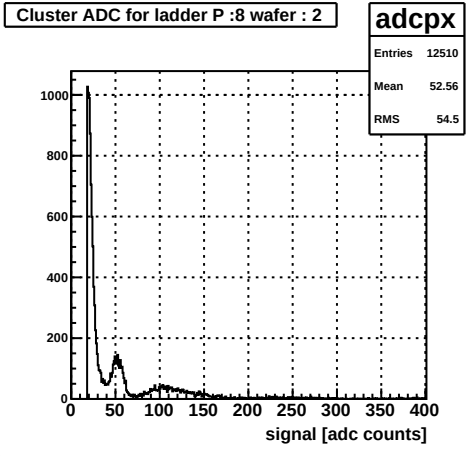

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 7899
Mean 92.05
RMS 68.07
signal [adc counts]

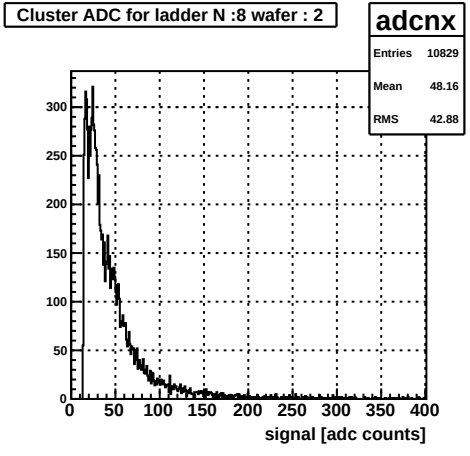

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

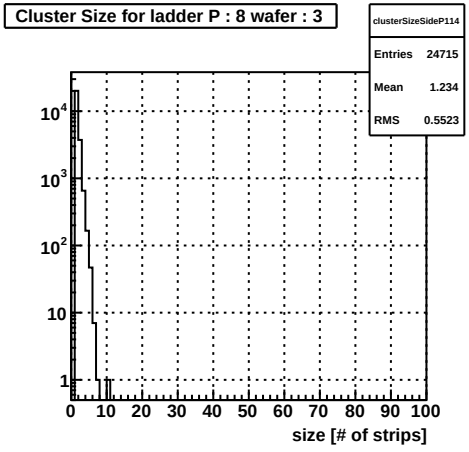

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12510
Mean 1.126
RMS 0.4228
size [# of strips]

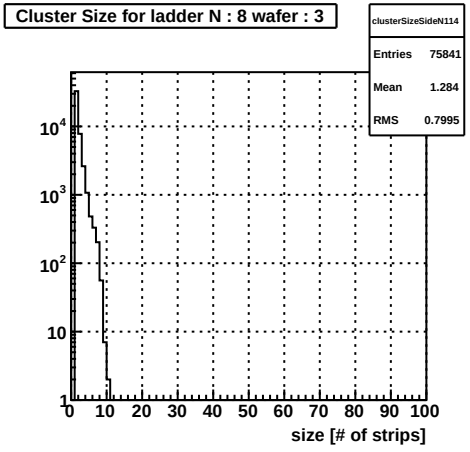

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10829
Mean 1.447
RMS 0.7729
size [# of strips]

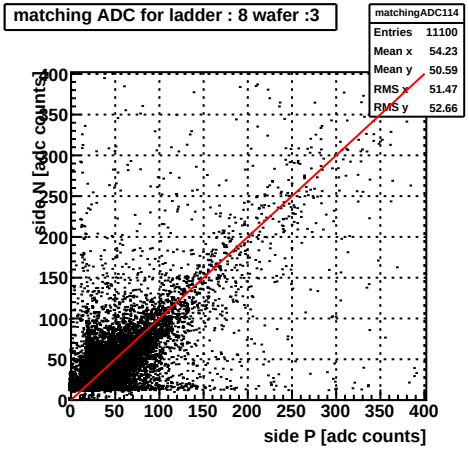

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3596
Mean x 76.59
Mean y 61
RMS x 66.74
RMS y 47.68
side N [adc counts]
side P [adc counts]

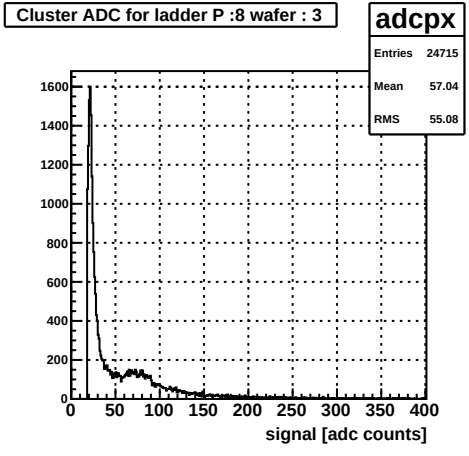

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12510
Mean 52.56
RMS 54.5
signal [adc counts]

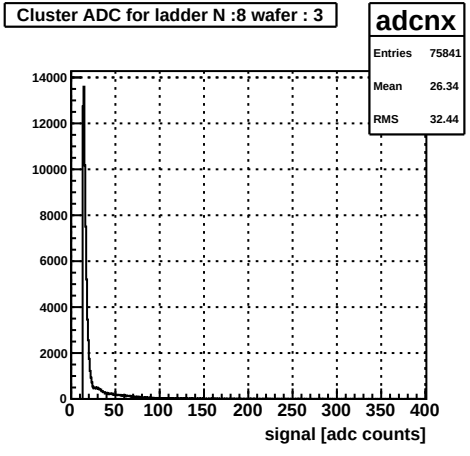

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10829
Mean 48.16
RMS 42.88
signal [adc counts]

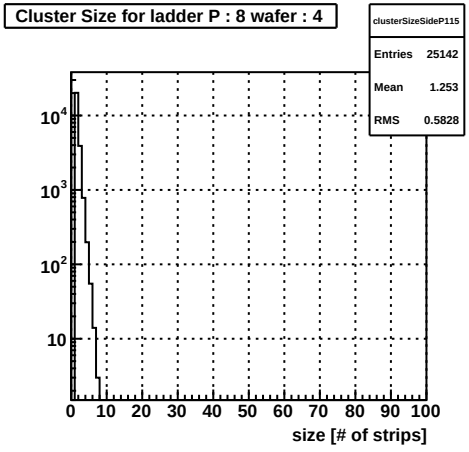

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24715
Mean 1.234
RMS 0.5523
size [# of strips]

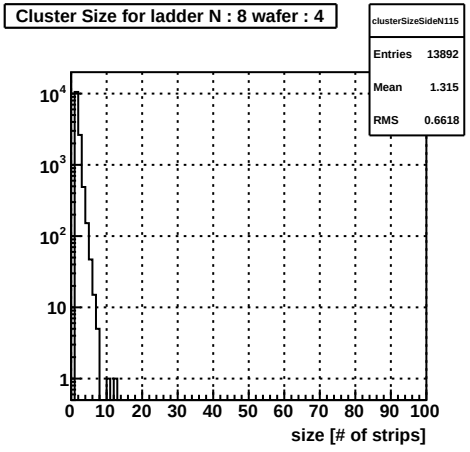

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 75841
Mean 1.284
RMS 0.7995
size [# of strips]

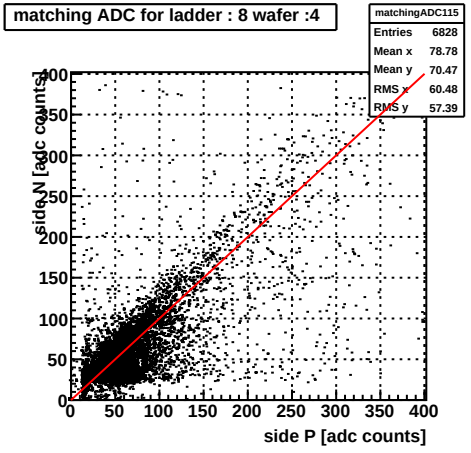

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 11100
Mean x 54.23
Mean y 50.59
RMS x 51.47
RMS y 52.66
side N [adc counts]
side P [adc counts]

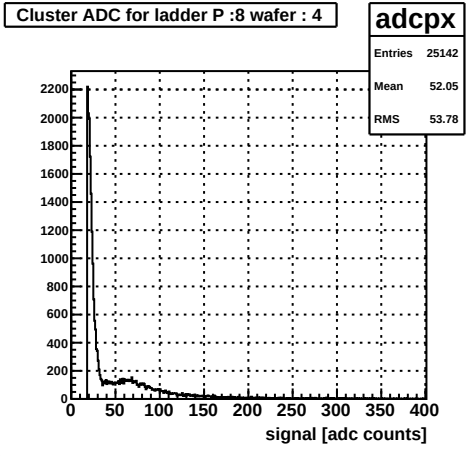

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24715
Mean 57.04
RMS 55.08
signal [adc counts]

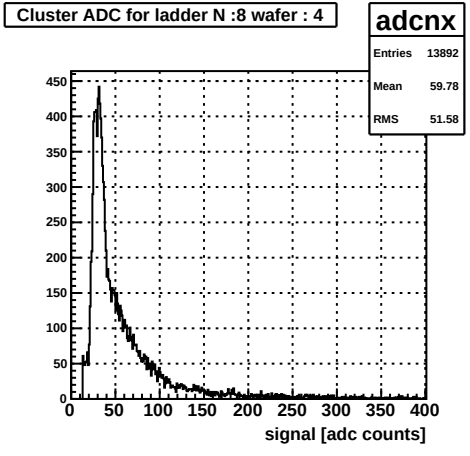

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 75841
Mean 26.34
RMS 32.44
signal [adc counts]

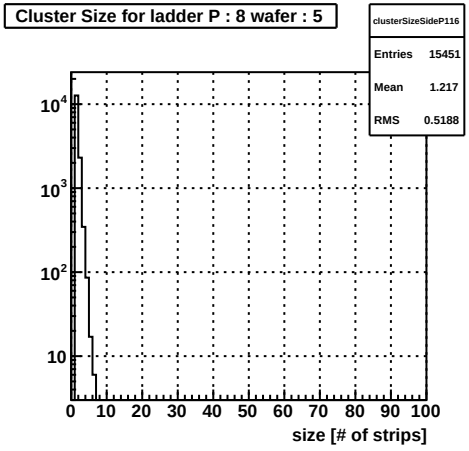

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 25142
Mean 1.253
RMS 0.5828
size [# of strips]

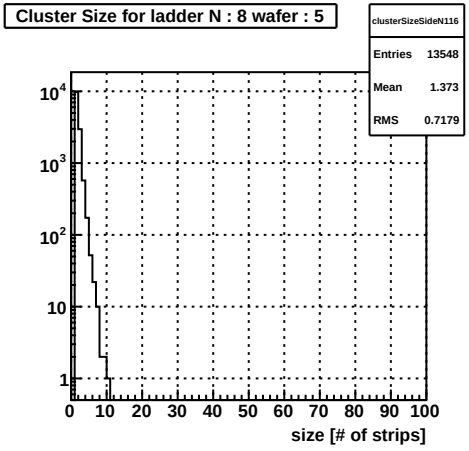

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13892
Mean 1.315
RMS 0.6618
size [# of strips]

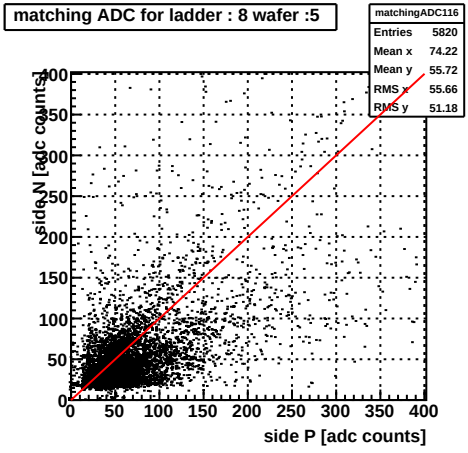

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6828
Mean x 78.78
Mean y 70.47
RMS x 60.48
RMS y 57.39
side N [adc counts]
side P [adc counts]

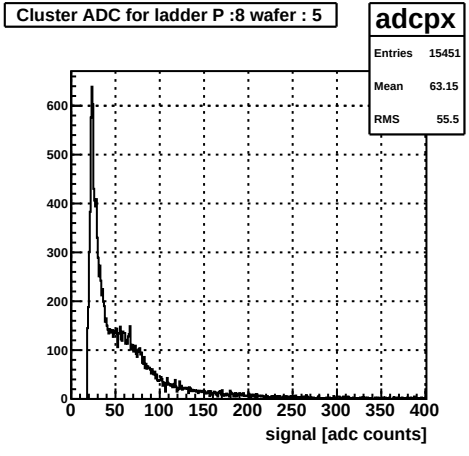

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 25142
Mean 52.05
RMS 53.78
signal [adc counts]

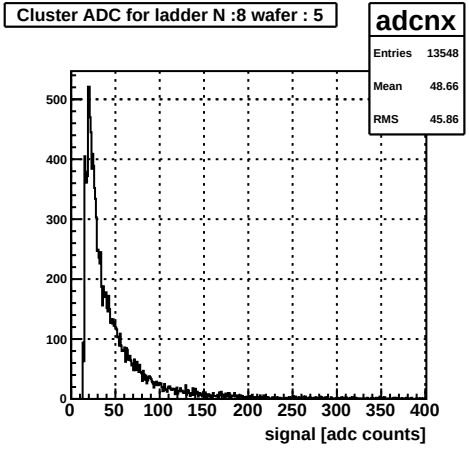

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13892
Mean 59.78
RMS 51.58
signal [adc counts]

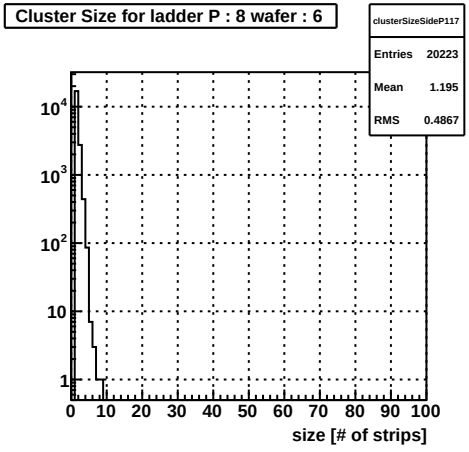

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 15451
Mean 1.217
RMS 0.5188
size [# of strips]

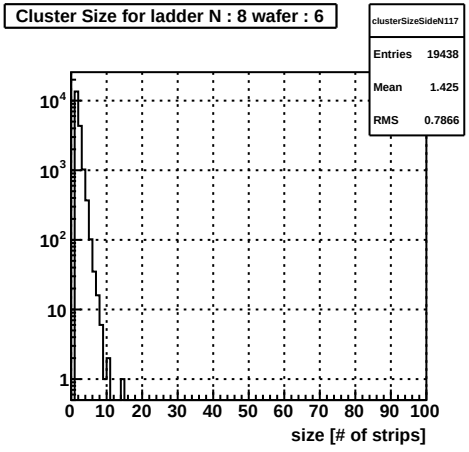

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 13548
Mean 1.373
RMS 0.7179
size [# of strips]

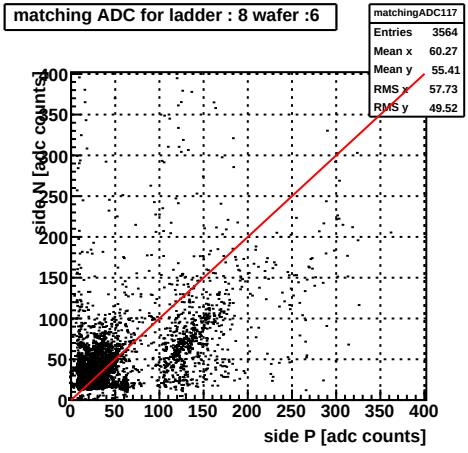

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5820
Mean x 74.22
Mean y 55.72
RMS x 55.66
RMS y 51.18
side N [adc counts]
side P [adc counts]

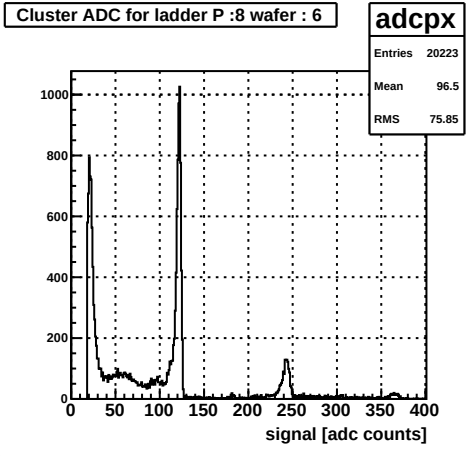

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 15451
Mean 63.15
RMS 55.5
signal [adc counts]

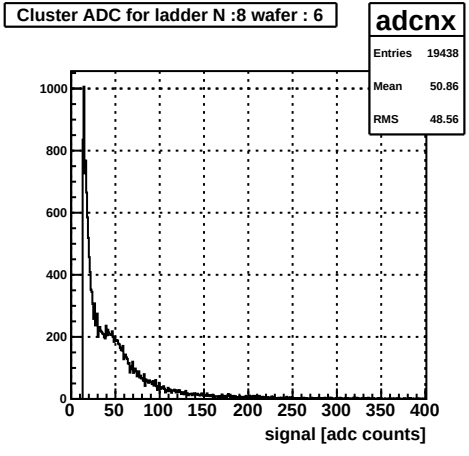

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 13548
Mean 48.66
RMS 45.86
signal [adc counts]

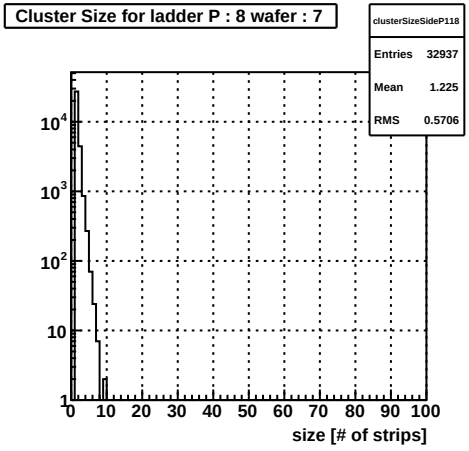

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 20223
Mean 1.195
RMS 0.4867
size [# of strips]

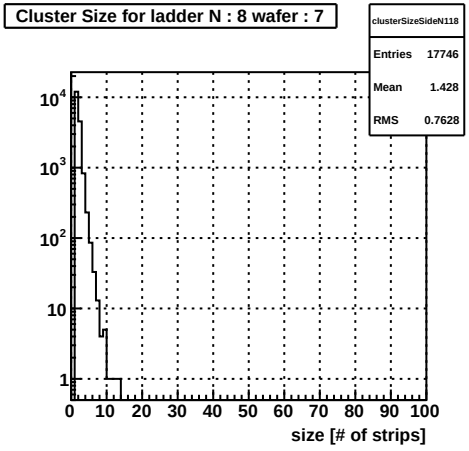

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 19438
Mean 1.425
RMS 0.7866
size [# of strips]

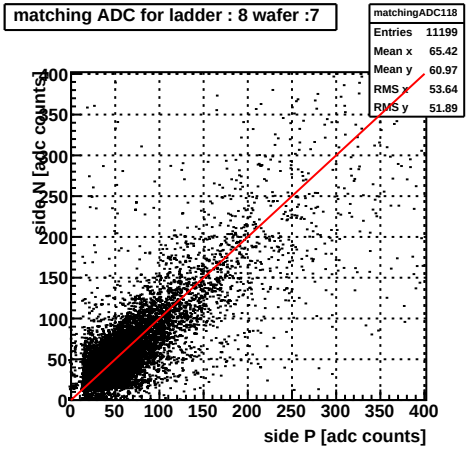

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3564
Mean x 60.27
Mean y 55.41
RMS x 57.73
RMS y 49.52
side N [adc counts]
side P [adc counts]

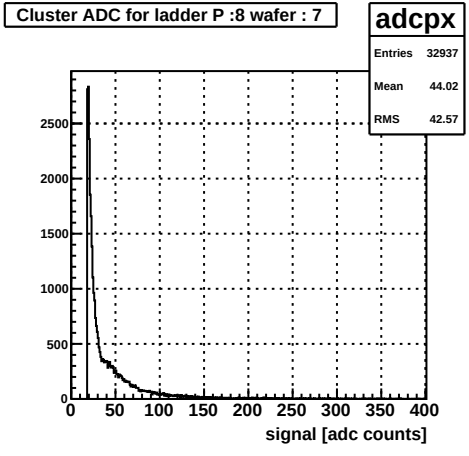

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 20223
Mean 96.5
RMS 75.85
signal [adc counts]

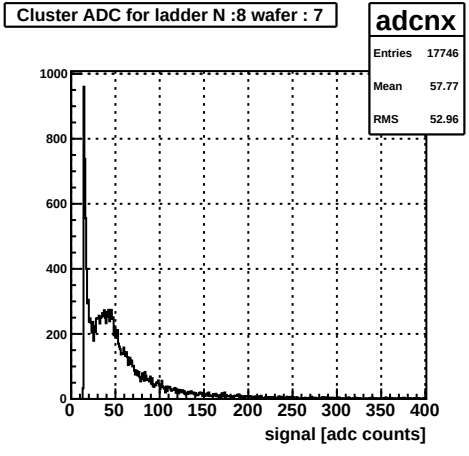

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 19438
Mean 50.86
RMS 48.56
signal [adc counts]

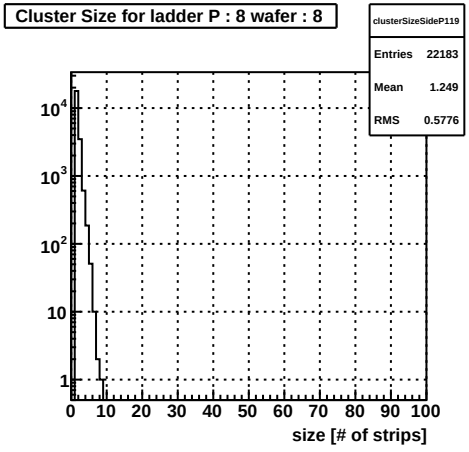

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 32937
Mean 1.225
RMS 0.5706
size [# of strips]

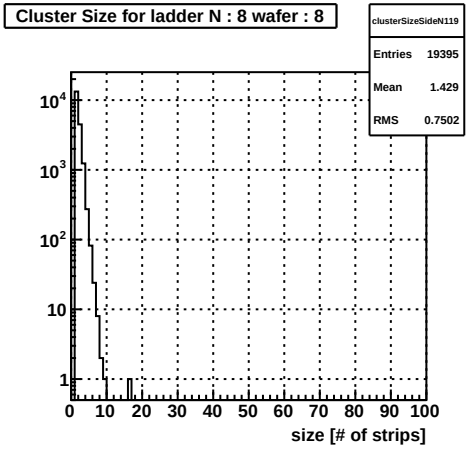

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 17746
Mean 1.428
RMS 0.7628
size [# of strips]

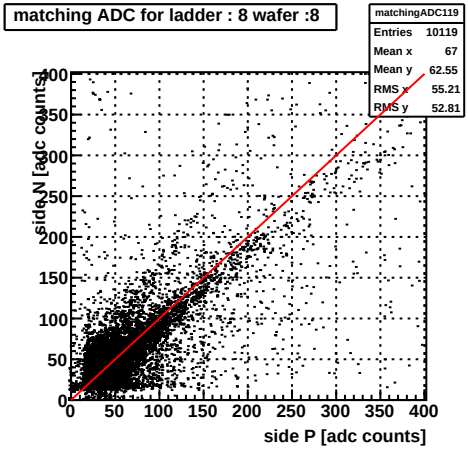

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 11199
Mean x 65.42
Mean y 60.97
RMS x 53.64
RMS y 51.89
side N [adc counts]
side P [adc counts]

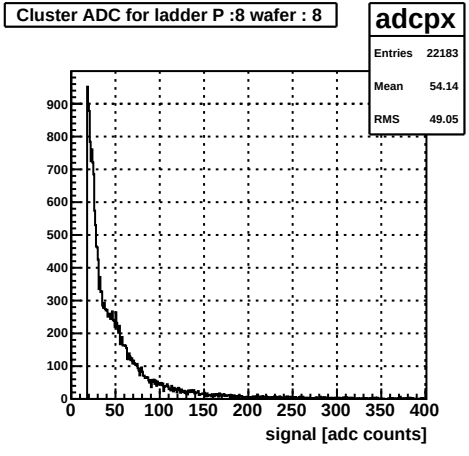

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 32937
Mean 44.02
RMS 42.57
signal [adc counts]

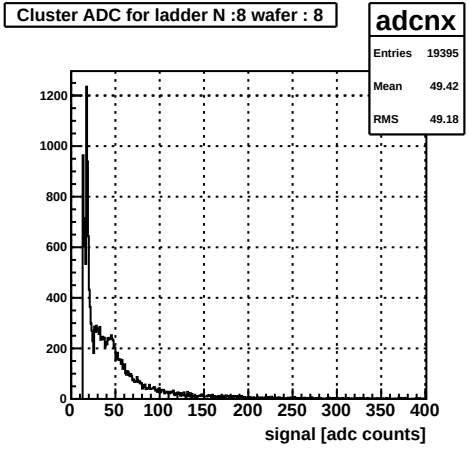

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 17746
Mean 57.77
RMS 52.96
signal [adc counts]

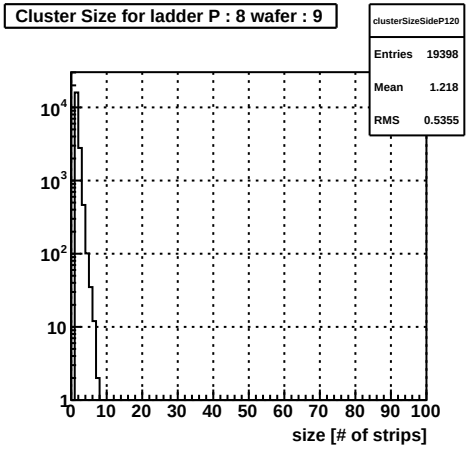

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 22183
Mean 1.249
RMS 0.5776
size [# of strips]

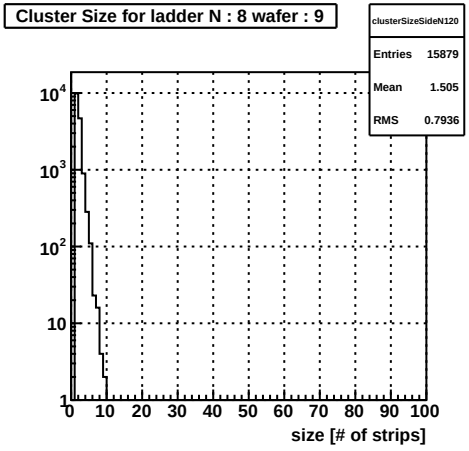

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 19395
Mean 1.429
RMS 0.7502
size [# of strips]

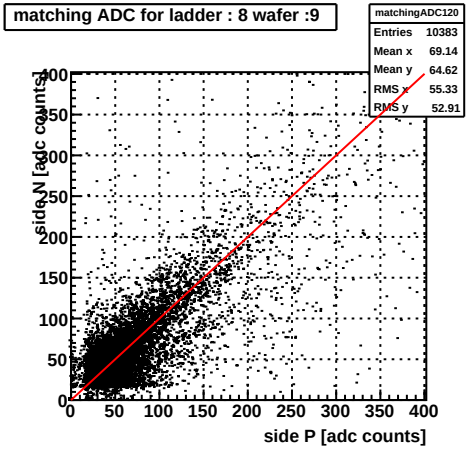

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10119
Mean x 67
Mean y 62.55
RMS x 55.21
RMS y 52.81
side N [adc counts]
side P [adc counts]

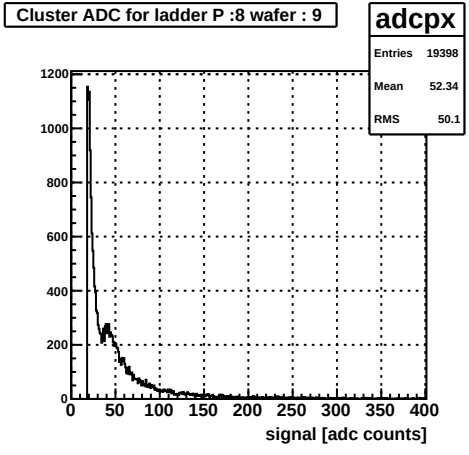

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 22183
Mean 54.14
RMS 49.05
signal [adc counts]

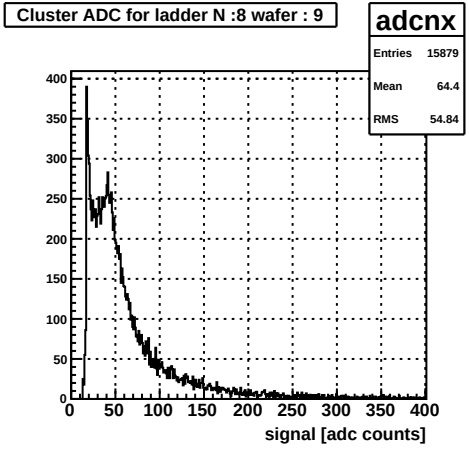

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 19395
Mean 49.42
RMS 49.18
signal [adc counts]

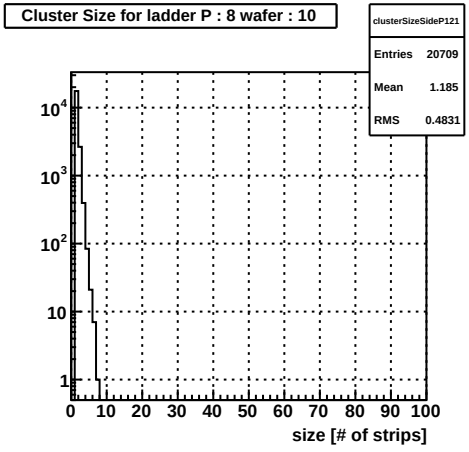

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 19398
Mean 1.218
RMS 0.5355
size [# of strips]

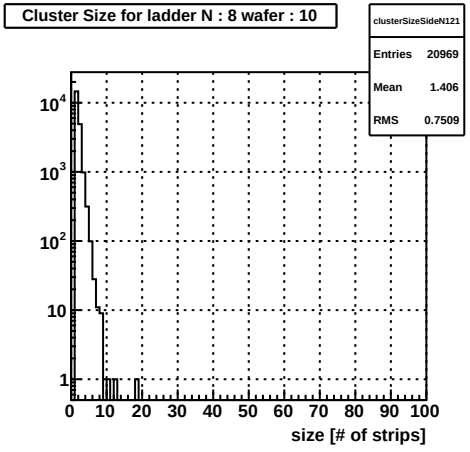

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 15879
Mean 1.505
RMS 0.7936
size [# of strips]

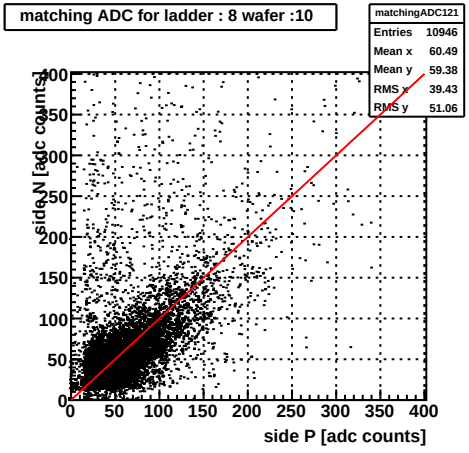

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10383
Mean x 69.14
Mean y 64.62
RMS x 55.33
RMS y 52.91
side N [adc counts]
side P [adc counts]

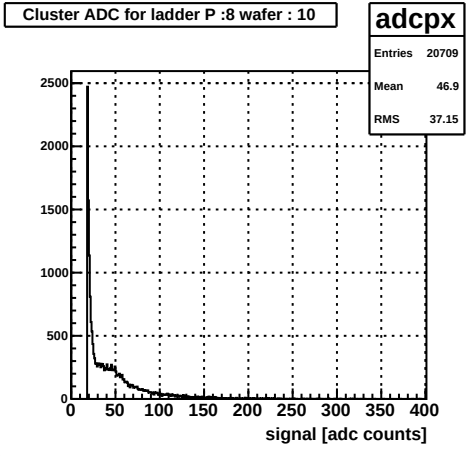

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 19398
Mean 52.34
RMS 50.1
signal [adc counts]

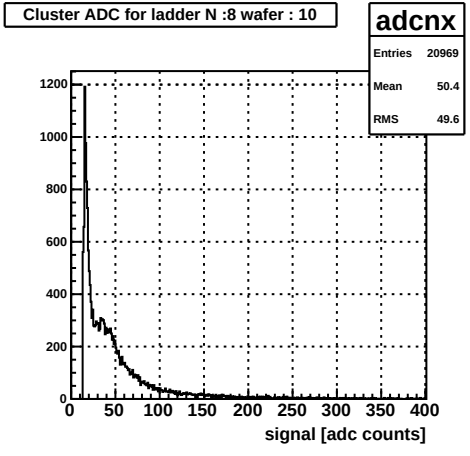

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 15879
Mean 64.4
RMS 54.84
signal [adc counts]

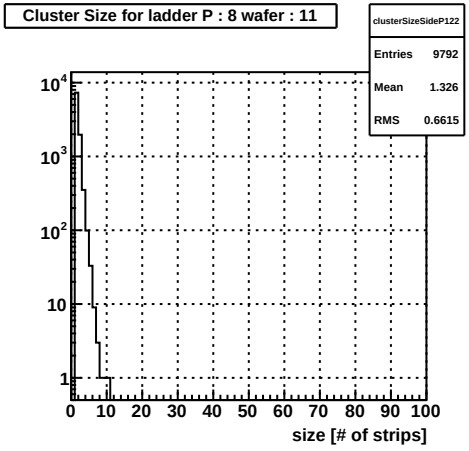

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 20709
Mean 1.185
RMS 0.4831
size [# of strips]

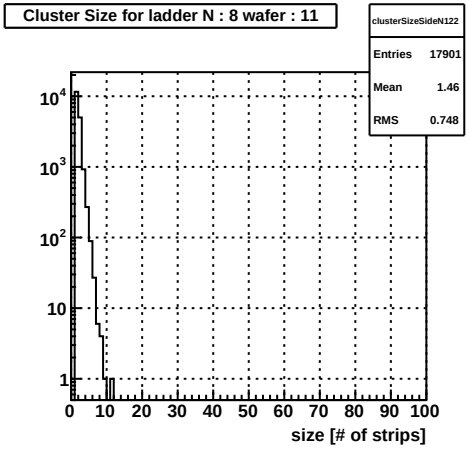

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 20969
Mean 1.406
RMS 0.7509
size [# of strips]

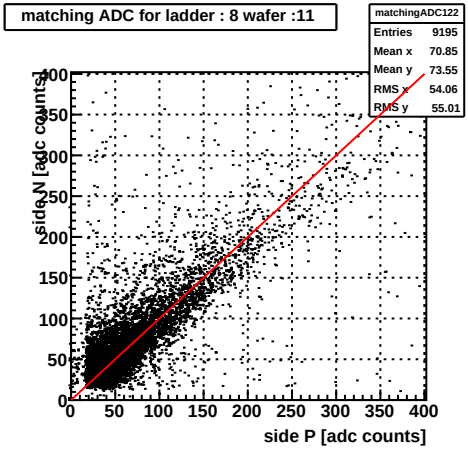

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10946
Mean x 60.49
Mean y 59.38
RMS x 39.43
RMS y 51.06
side N [adc counts]
side P [adc counts]

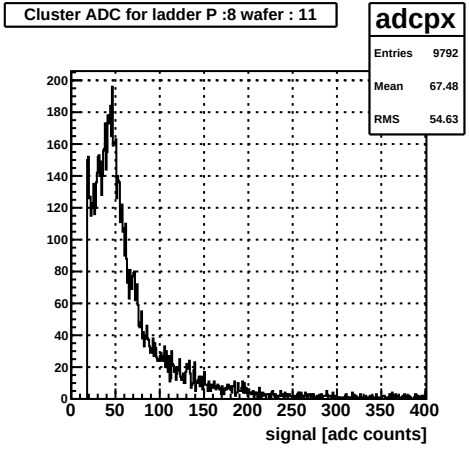

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 20709
Mean 46.9
RMS 37.15
signal [adc counts]

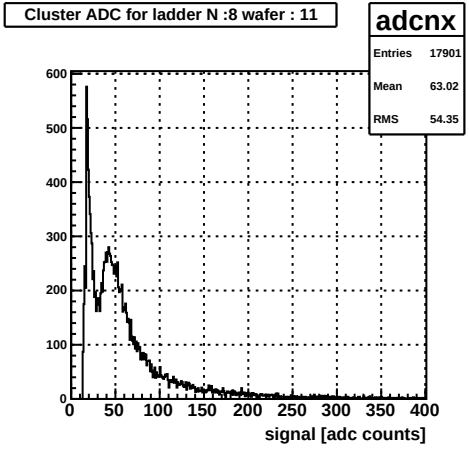

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 20969
Mean 50.4
RMS 49.6
signal [adc counts]

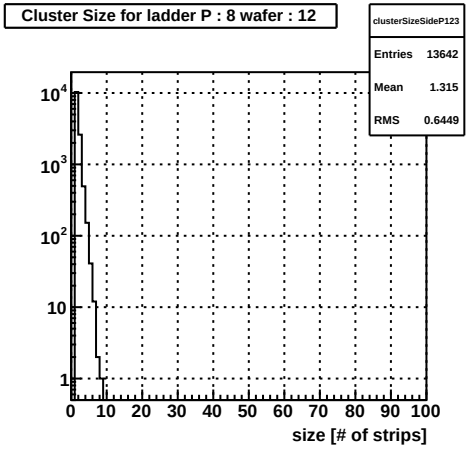

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9792
Mean 1.326
RMS 0.6615
size [# of strips]

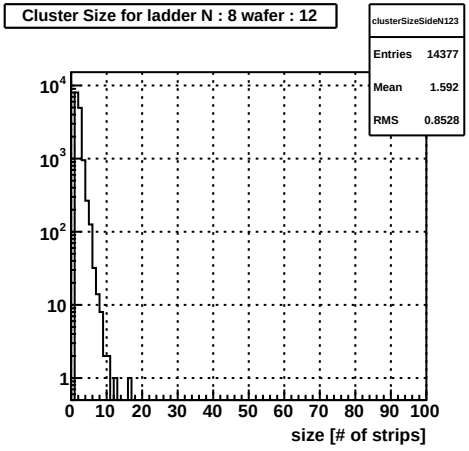

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 17901
Mean 1.46
RMS 0.748
size [# of strips]

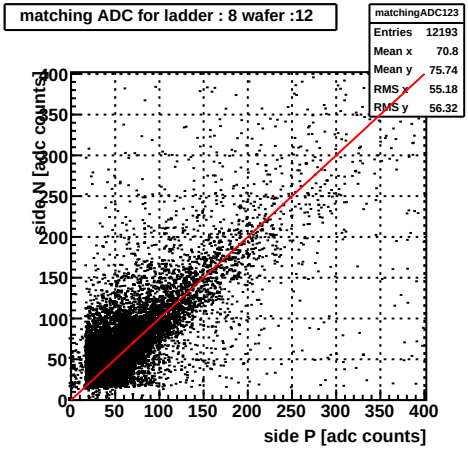

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9195
Mean x 70.85
Mean y 73.55
RMS x 54.06
RMS y 55.01
side N [adc counts]
side P [adc counts]

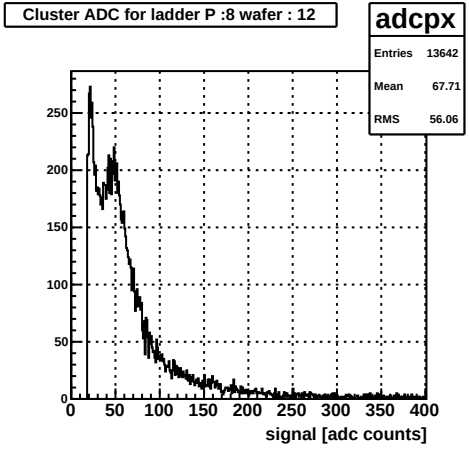

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9792
Mean 67.48
RMS 54.63
signal [adc counts]

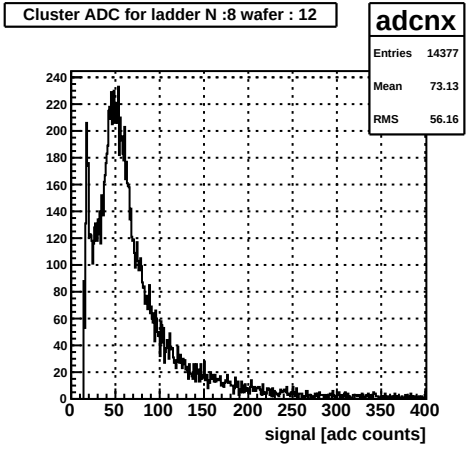

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 17901
Mean 63.02
RMS 54.35
signal [adc counts]

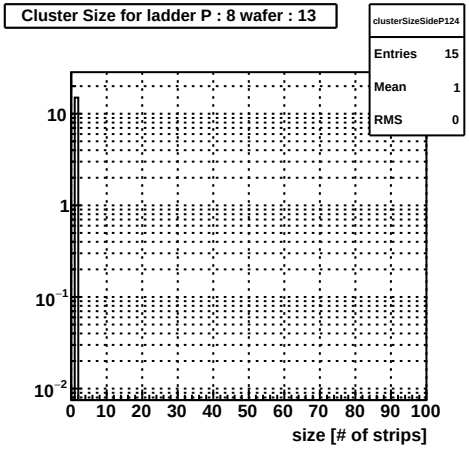

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 13642
Mean 1.315
RMS 0.6449
size [# of strips]

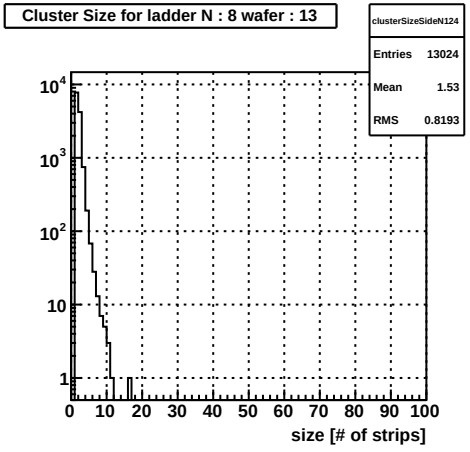

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 14377
Mean 1.592
RMS 0.8528
size [# of strips]

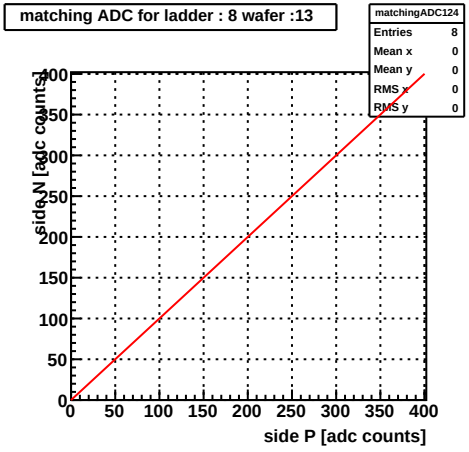

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 12193
Mean x 70.8
Mean y 75.74
RMS x 55.18
RMS y 56.32
side N [adc counts]
side P [adc counts]

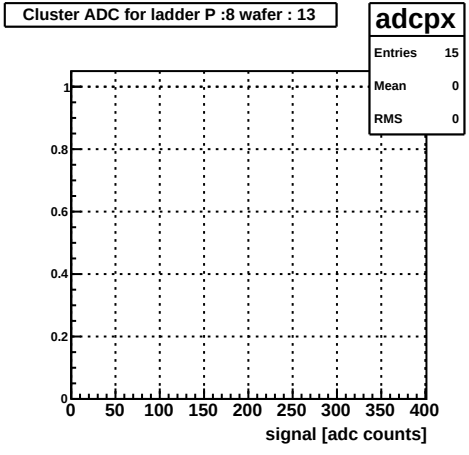

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 13642
Mean 67.71
RMS 56.06
signal [adc counts]

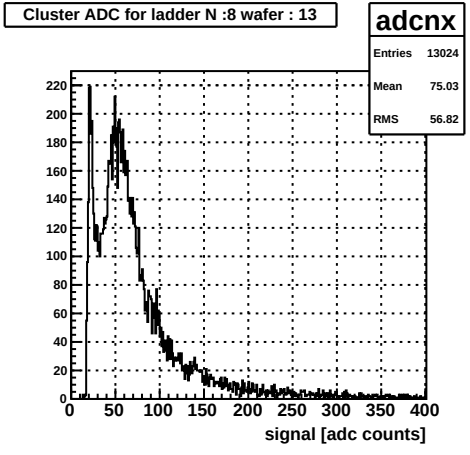

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 14377
Mean 73.13
RMS 56.16
signal [adc counts]

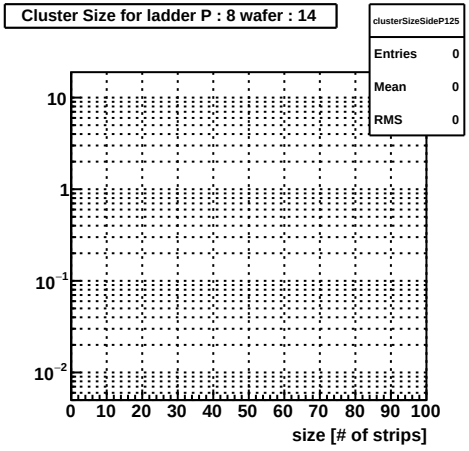

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 15
Mean 1
RMS 0
size [# of strips]

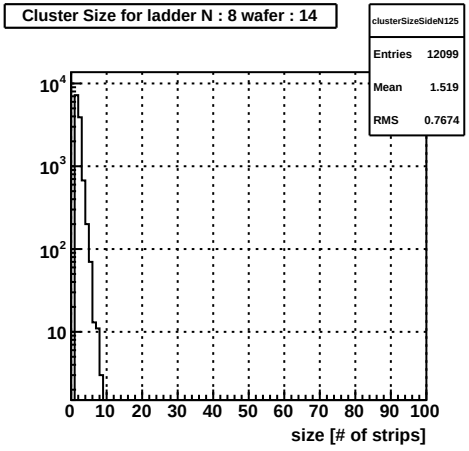

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 13024
Mean 1.53
RMS 0.8193
size [# of strips]

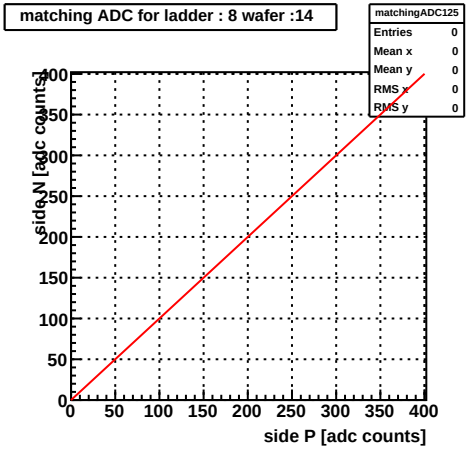

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

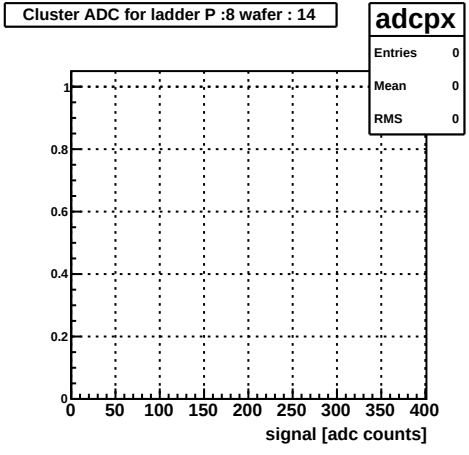

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

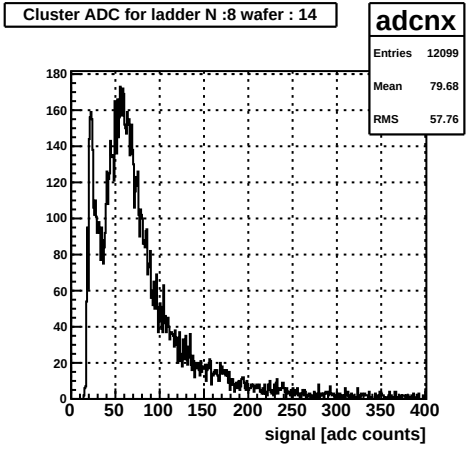

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 13024
Mean 75.03
RMS 56.82
signal [adc counts]

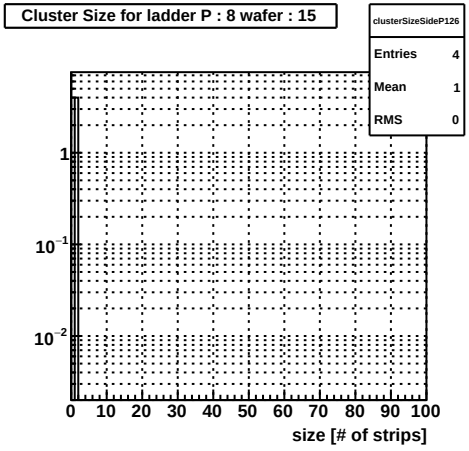

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

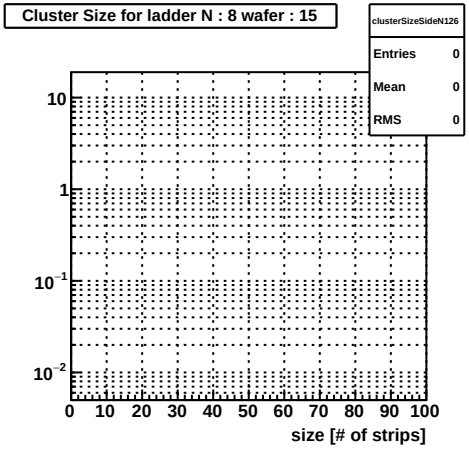

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 12099
Mean 1.519
RMS 0.7674
size [# of strips]

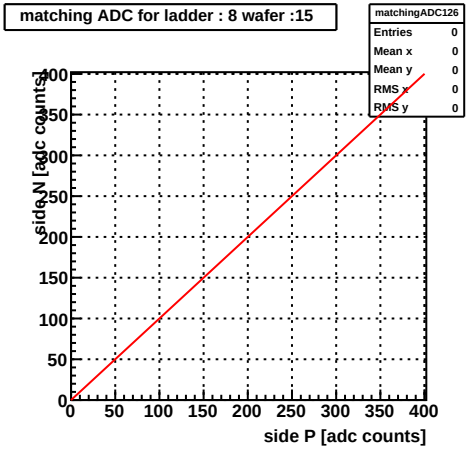

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

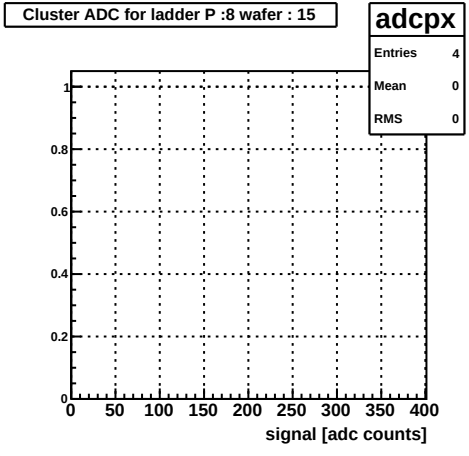

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

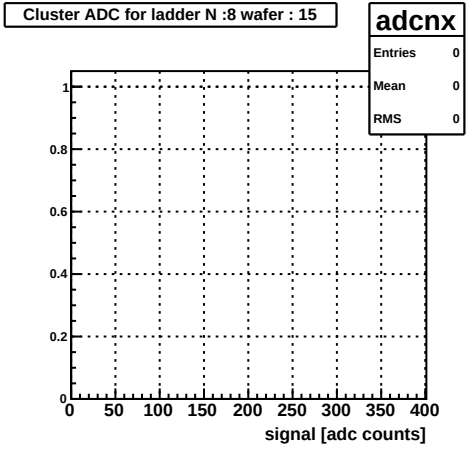

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 12099
Mean 79.68
RMS 57.76
signal [adc counts]

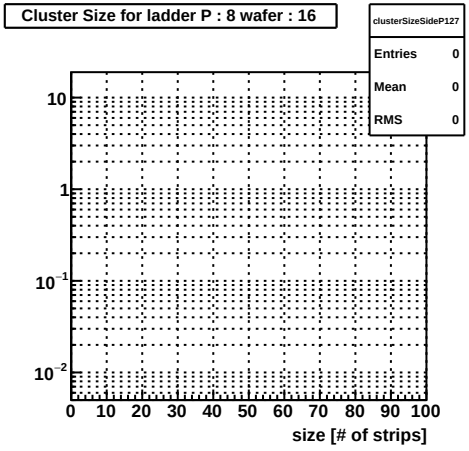

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

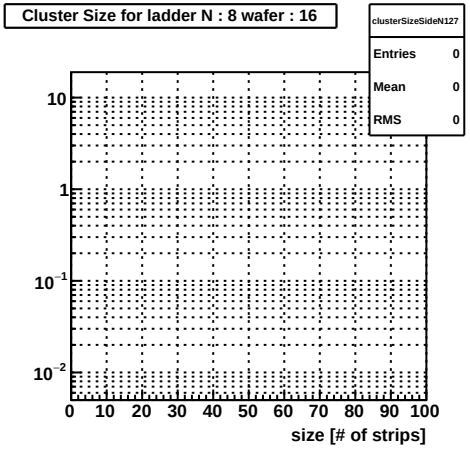

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

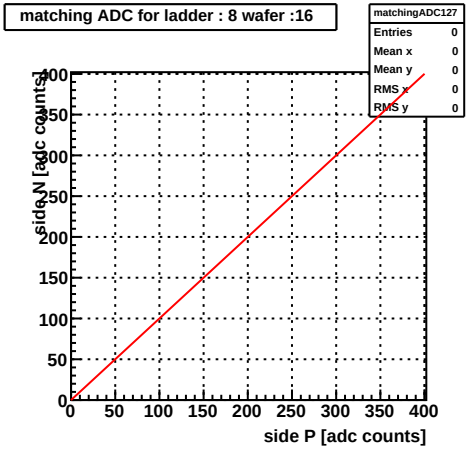

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

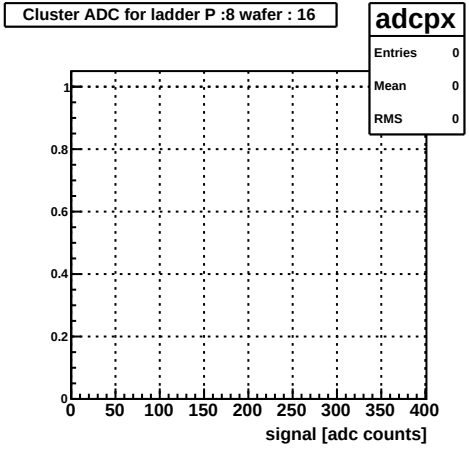

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

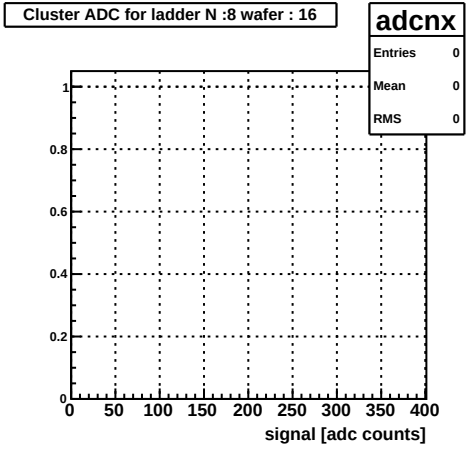

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

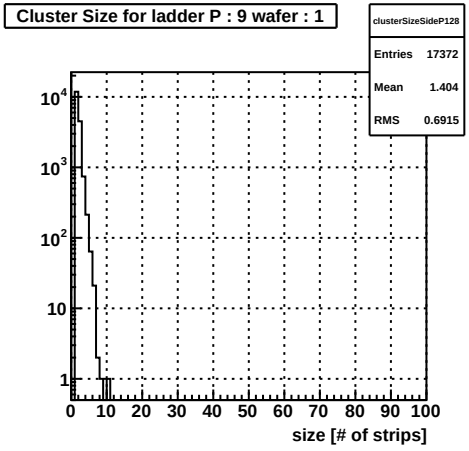

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

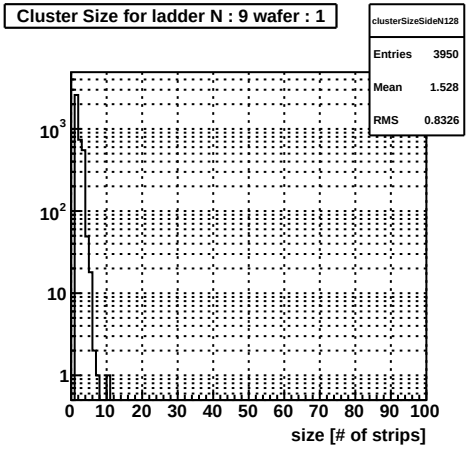

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

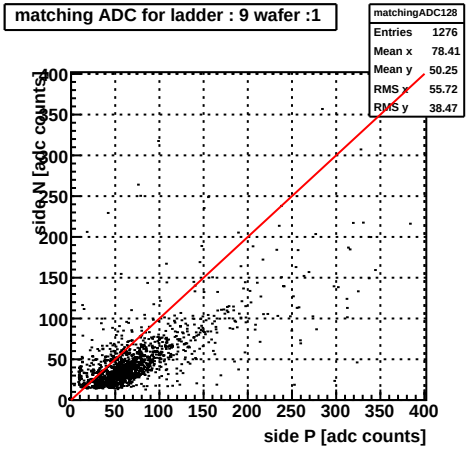

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

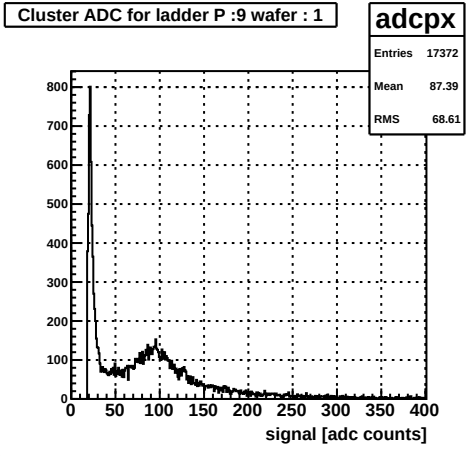

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

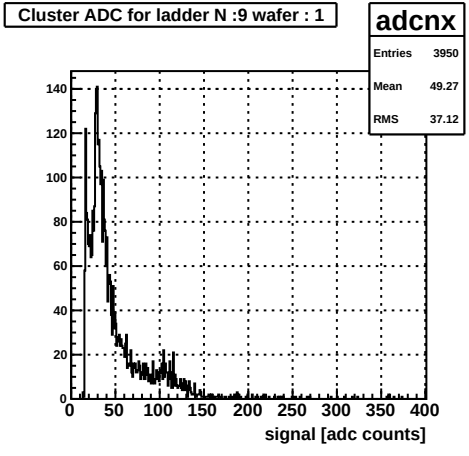

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

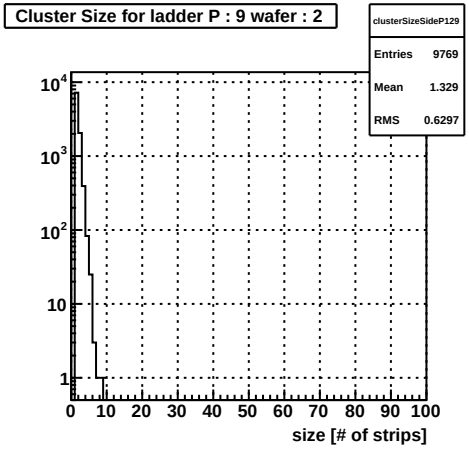

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 17372
Mean 1.404
RMS 0.6915
size [# of strips]

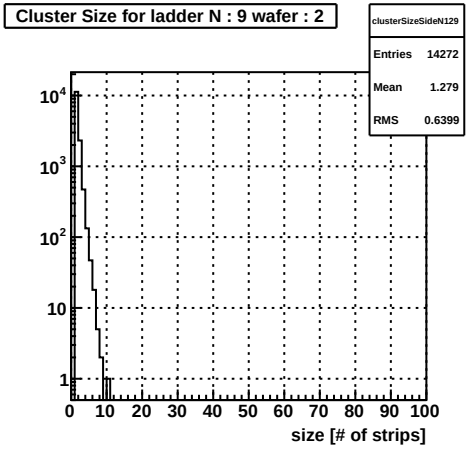

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3950
Mean 1.528
RMS 0.8326
size [# of strips]

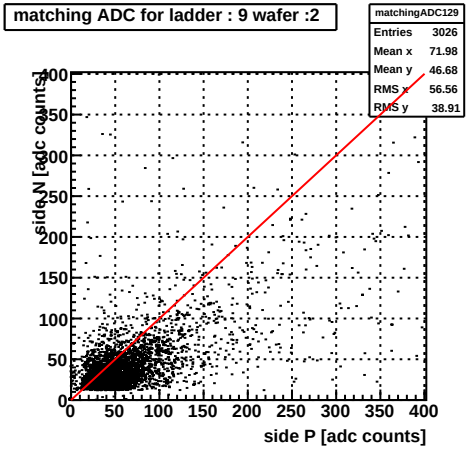

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1276
Mean x 78.41
Mean y 50.25
RMS x 55.72
RMS y 38.47
side N [adc counts]
side P [adc counts]

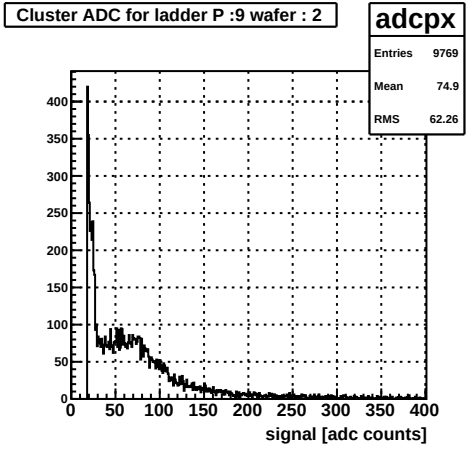

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 17372
Mean 87.39
RMS 68.61
signal [adc counts]

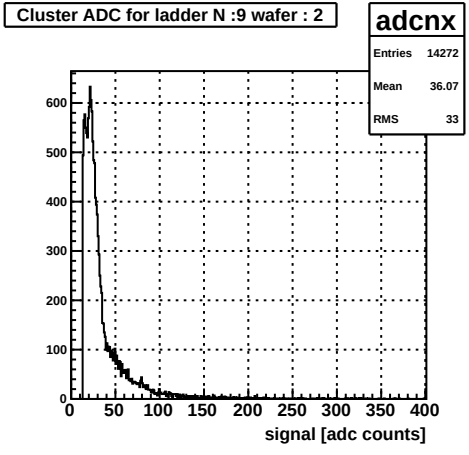

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3950
Mean 49.27
RMS 37.12
signal [adc counts]

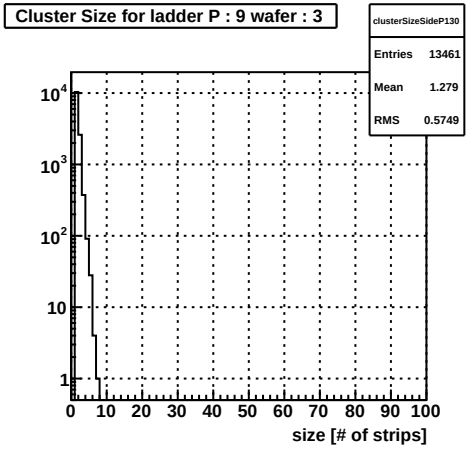

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 9769
Mean 1.329
RMS 0.6297
size [# of strips]

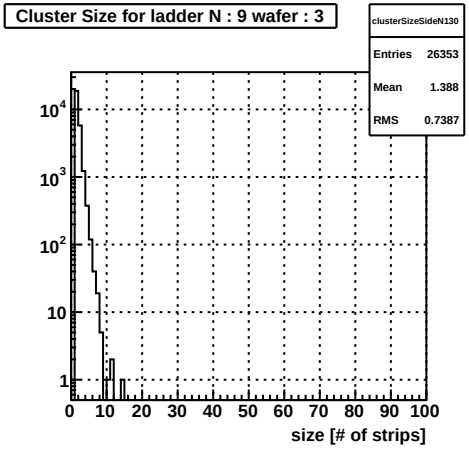

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 14272
Mean 1.279
RMS 0.6399
size [# of strips]

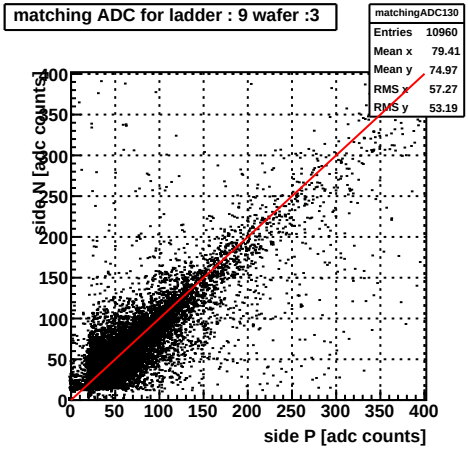

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3026
Mean x 71.98
Mean y 46.68
RMS x 56.56
RMS y 38.91
side N [adc counts]
side P [adc counts]

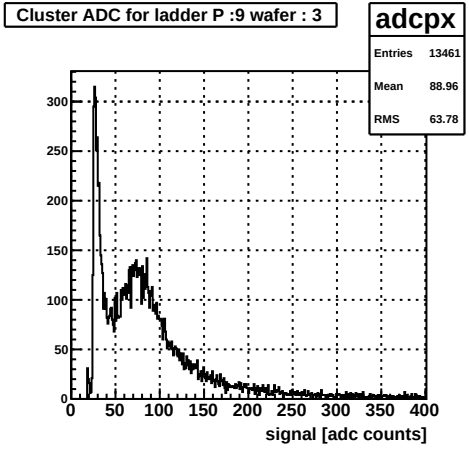

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 9769
Mean 74.9
RMS 62.26
signal [adc counts]

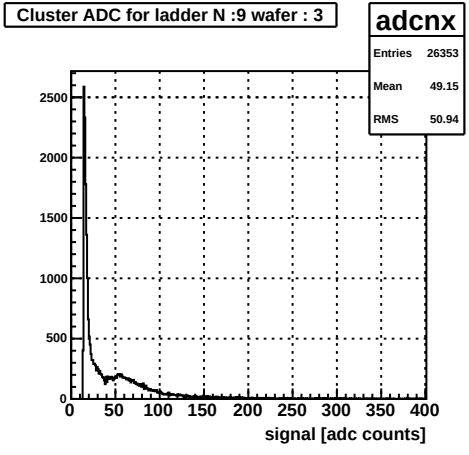

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 14272
Mean 36.07
RMS 33
signal [adc counts]

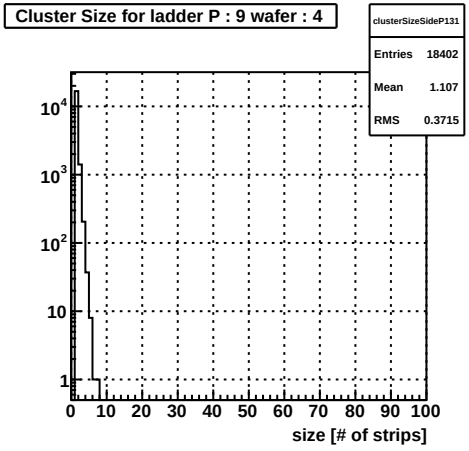

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 13461
Mean 1.279
RMS 0.5749
size [# of strips]

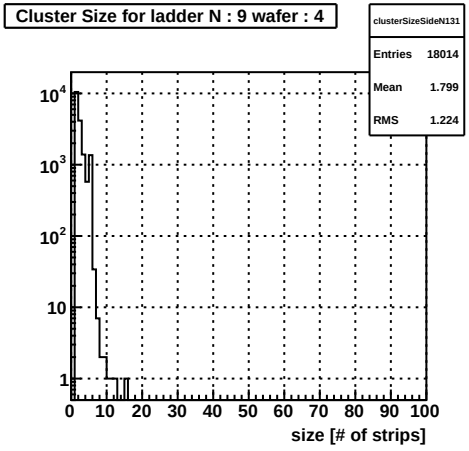

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 26353
Mean 1.388
RMS 0.7387
size [# of strips]

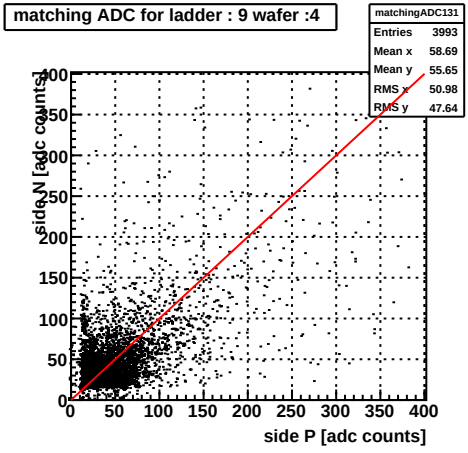

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10960
Mean x 79.41
Mean y 74.97
RMS x 57.27
RMS y 53.19
side N [adc counts]
side P [adc counts]

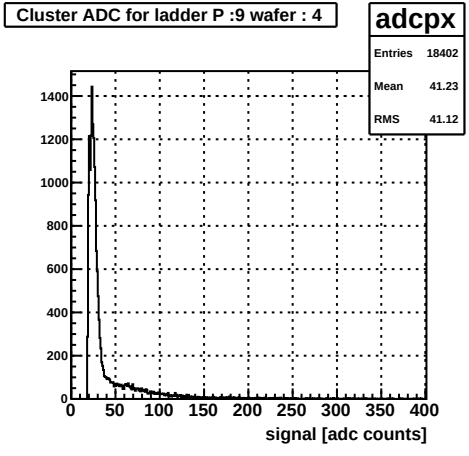

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 13461
Mean 88.96
RMS 63.78
signal [adc counts]

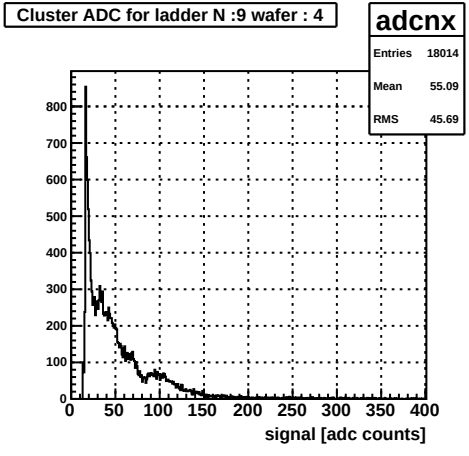

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 26353
Mean 49.15
RMS 50.94
signal [adc counts]

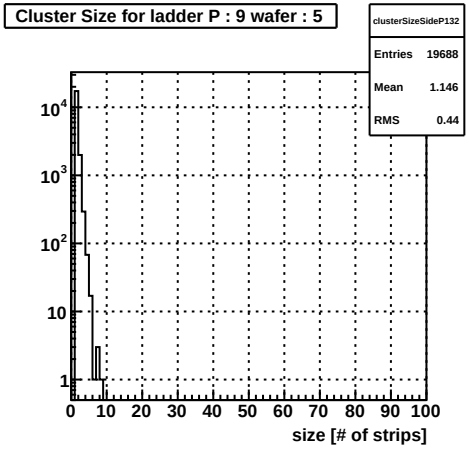

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 18402
Mean 1.107
RMS 0.3715
size [# of strips]

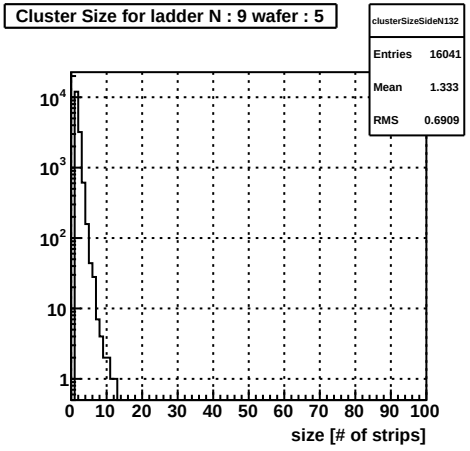

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 18014
Mean 1.799
RMS 1.224
size [# of strips]

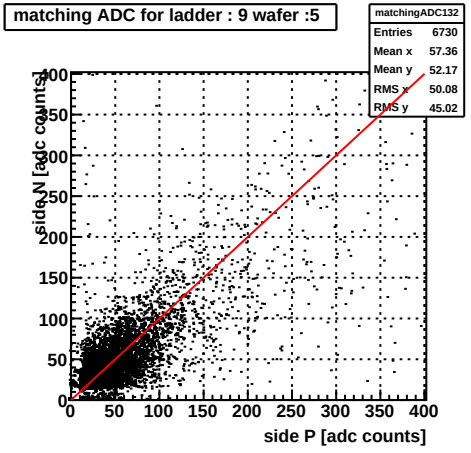

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3993
Mean x 58.69
Mean y 55.65
RMS x 50.98
RMS y 47.64
side N [adc counts]
side P [adc counts]

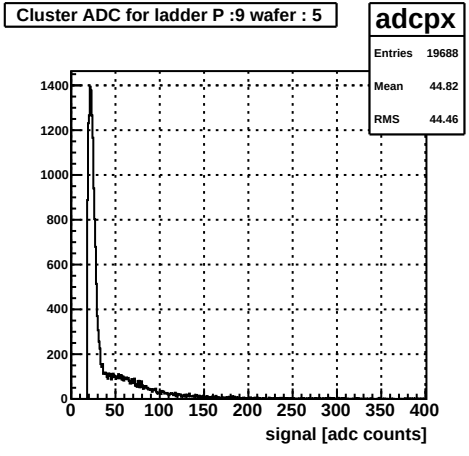

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 18402
Mean 41.23
RMS 41.12
signal [adc counts]

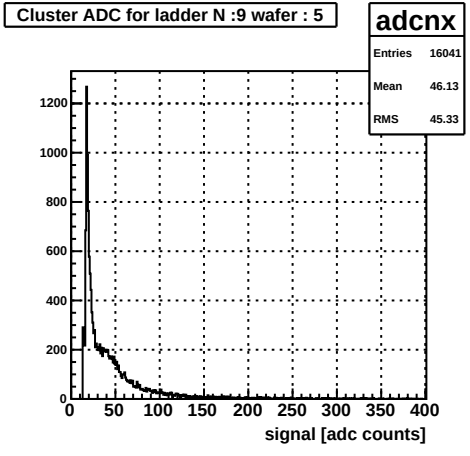

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 18014
Mean 55.09
RMS 45.69
signal [adc counts]

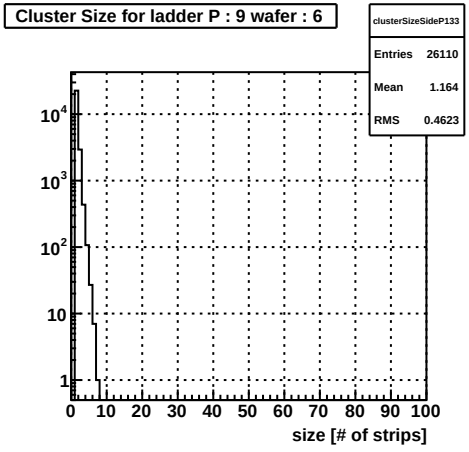

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19688
Mean 1.146
RMS 0.44
size [# of strips]

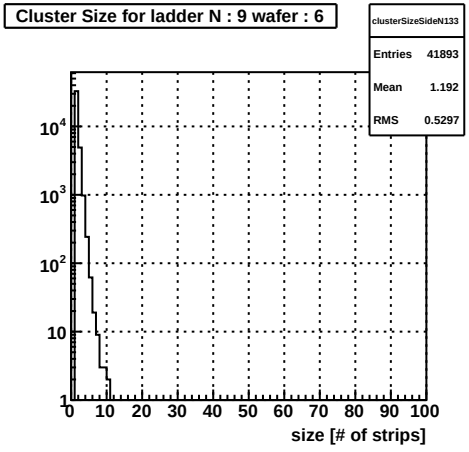

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 16041
Mean 1.333
RMS 0.6909
size [# of strips]

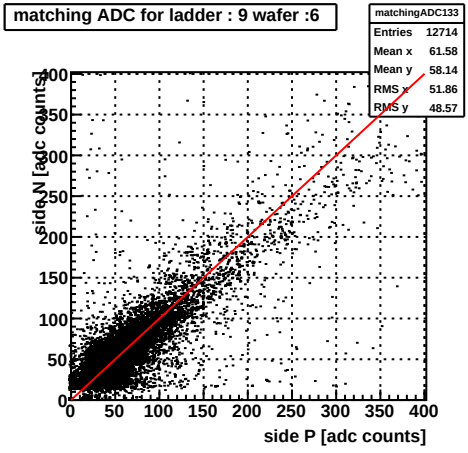

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6730
Mean x 57.36
Mean y 52.17
RMS x 50.08
RMS y 45.02
side N [adc counts]
side P [adc counts]

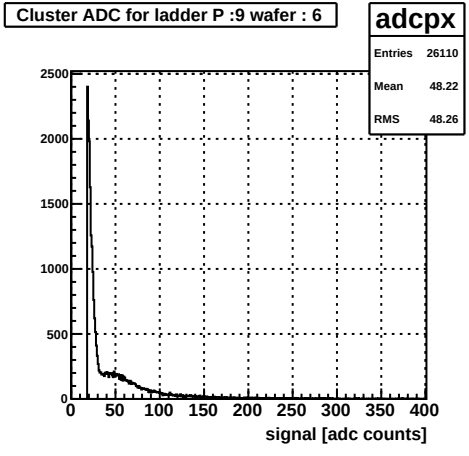

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19688
Mean 44.82
RMS 44.46
signal [adc counts]

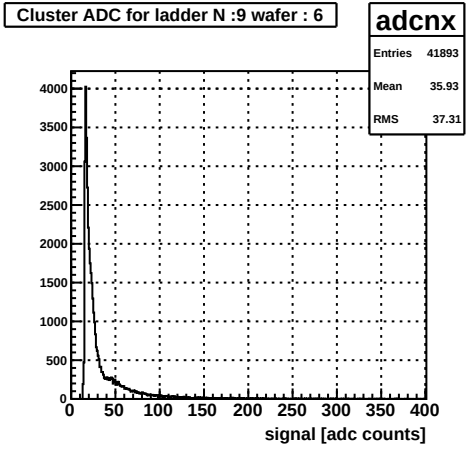

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 16041
Mean 46.13
RMS 45.33
signal [adc counts]

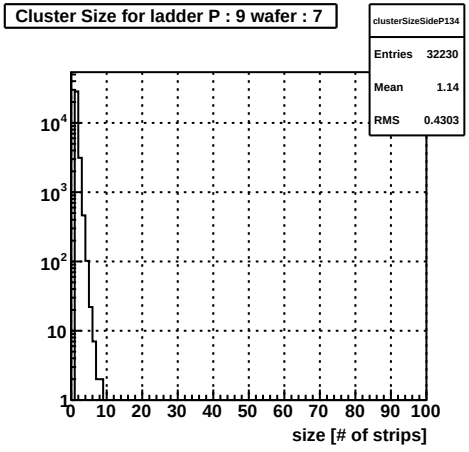

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26110
Mean 1.164
RMS 0.4623
size [# of strips]

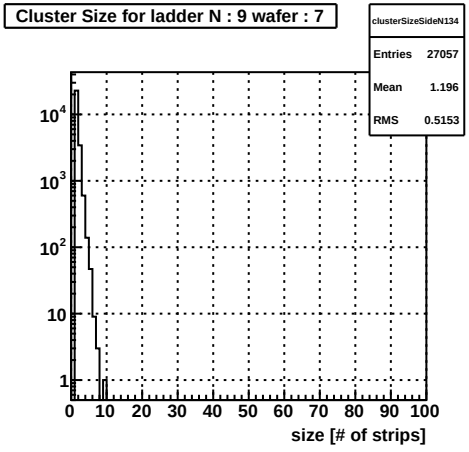

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 41893
Mean 1.192
RMS 0.5297
size [# of strips]

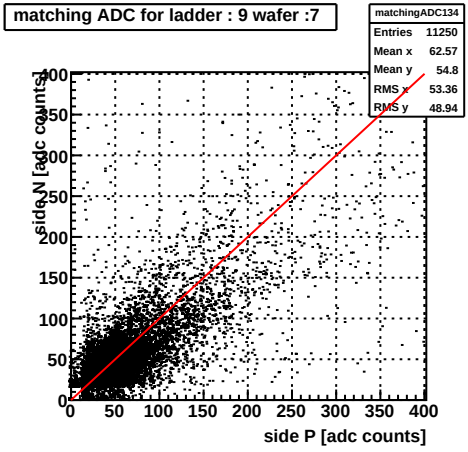

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12714
Mean x 61.58
Mean y 58.14
RMS x 51.86
RMS y 48.57
side N [adc counts]
side P [adc counts]

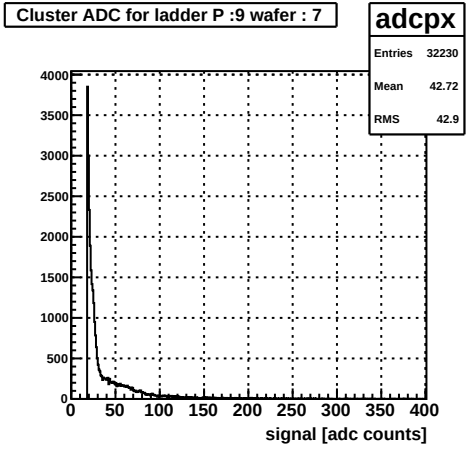

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26110
Mean 48.22
RMS 48.26
signal [adc counts]

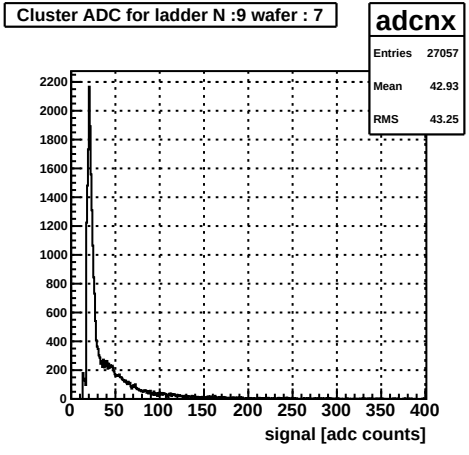

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 41893
Mean 35.93
RMS 37.31
signal [adc counts]

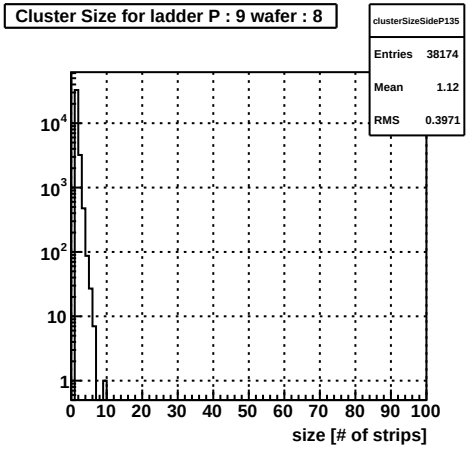

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32230
Mean 1.14
RMS 0.4303
size [# of strips]

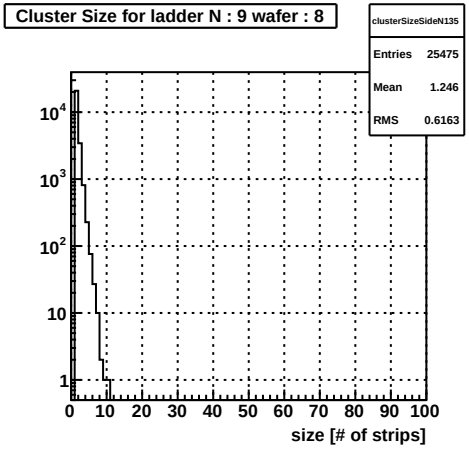

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 27057
Mean 1.196
RMS 0.5153
size [# of strips]

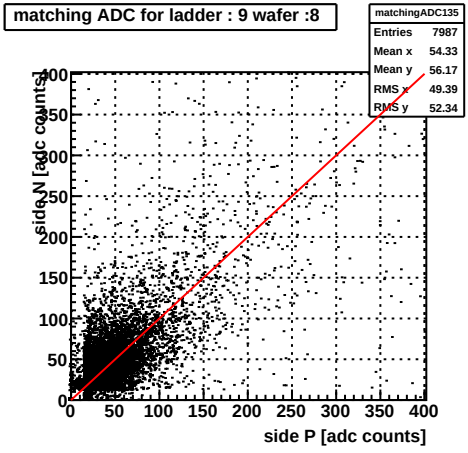

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 11250
Mean x 62.57
Mean y 54.8
RMS x 53.36
RMS y 48.94
side N [adc counts]
side P [adc counts]

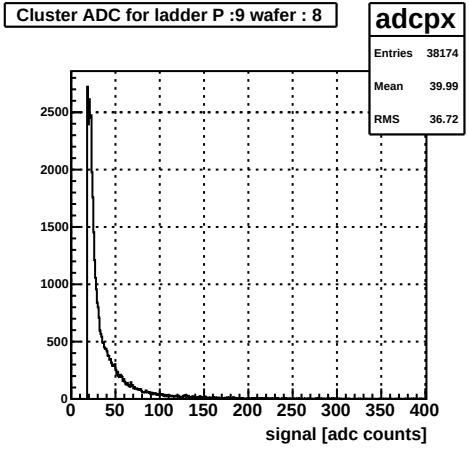

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32230
Mean 42.72
RMS 42.9
signal [adc counts]

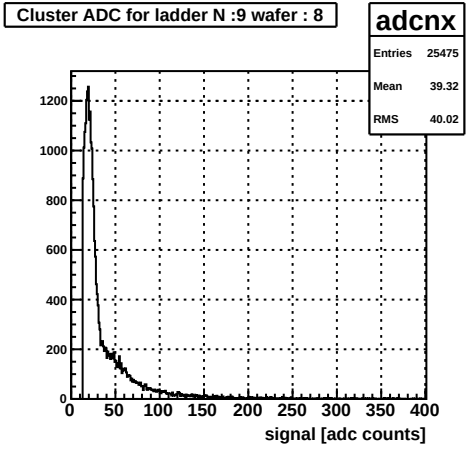

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 27057
Mean 42.93
RMS 43.25
signal [adc counts]

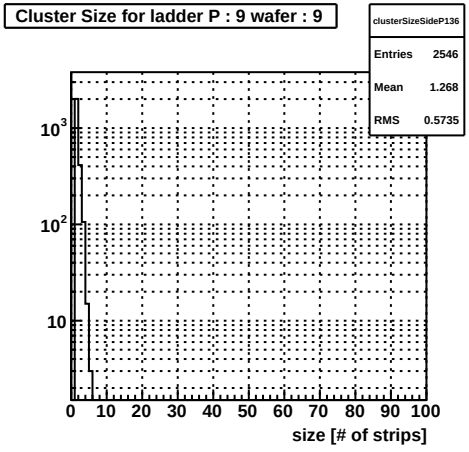

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 38174
Mean 1.12
RMS 0.3971
size [# of strips]

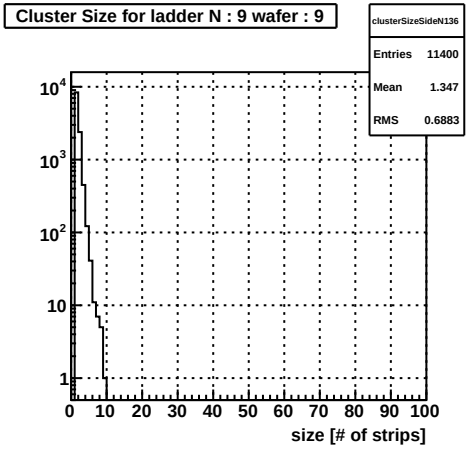

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 25475
Mean 1.246
RMS 0.6163
size [# of strips]

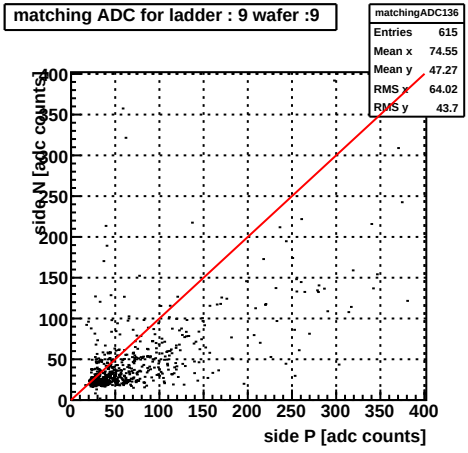

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 7987
Mean x 54.33
Mean y 56.17
RMS x 49.39
RMS y 52.34
side N [adc counts]
side P [adc counts]

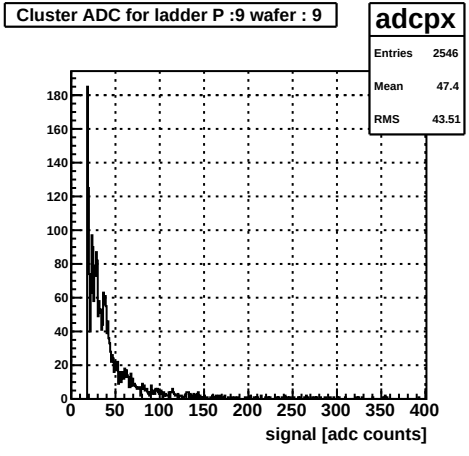

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 38174
Mean 39.99
RMS 36.72
signal [adc counts]

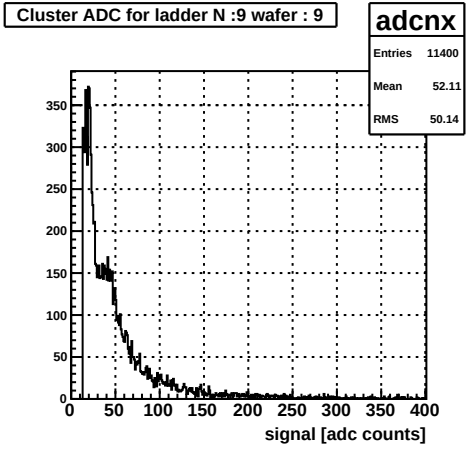

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 25475
Mean 39.32
RMS 40.02
signal [adc counts]

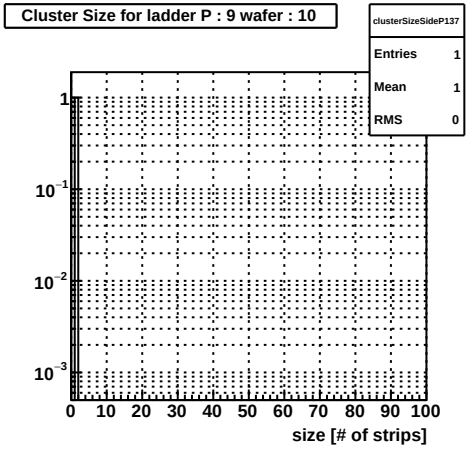

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2546
Mean 1.268
RMS 0.5735
size [# of strips]

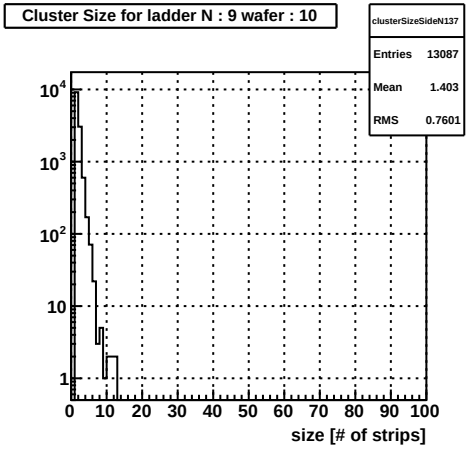

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11400
Mean 1.347
RMS 0.6883
size [# of strips]

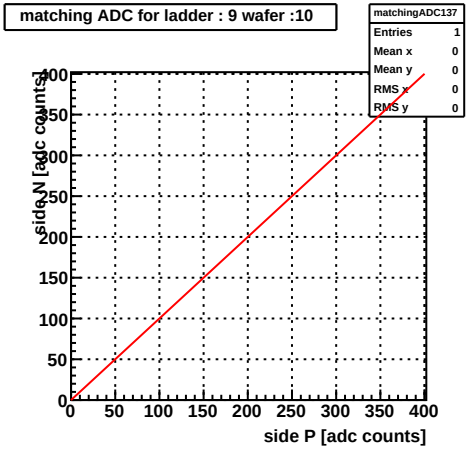

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 615
Mean x 74.55
Mean y 47.27
RMS x 64.02
RMS y 43.7
side N [adc counts]
side P [adc counts]

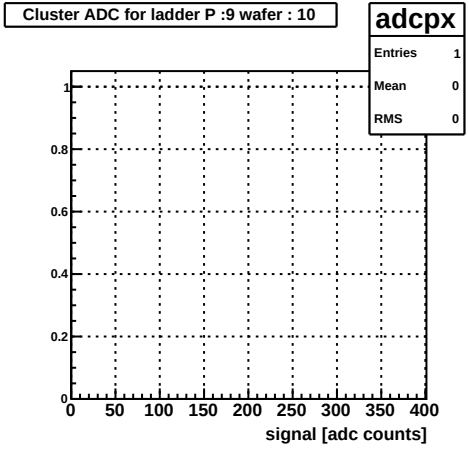

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2546
Mean 47.4
RMS 43.51
signal [adc counts]

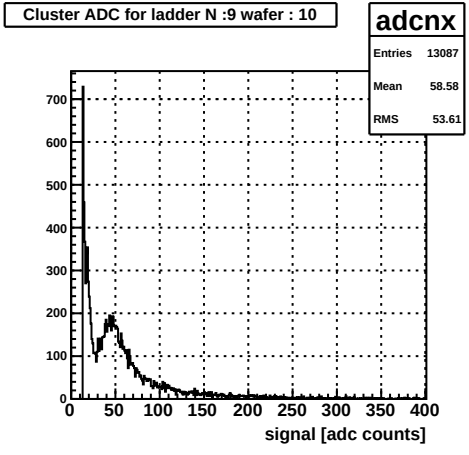

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11400
Mean 52.11
RMS 50.14
signal [adc counts]

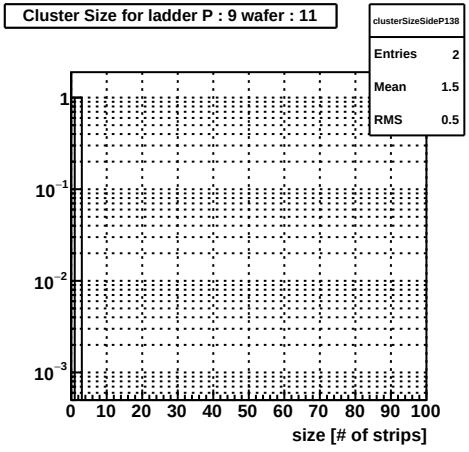

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

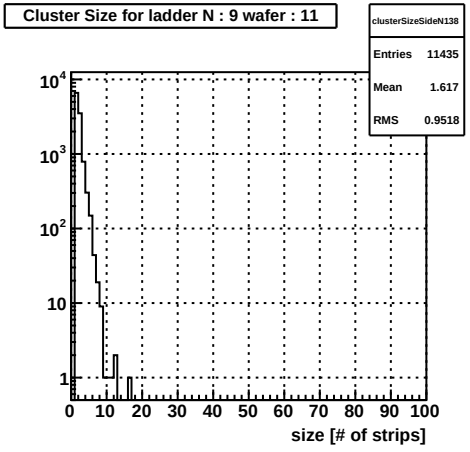

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13087
Mean 1.403
RMS 0.7601
size [# of strips]

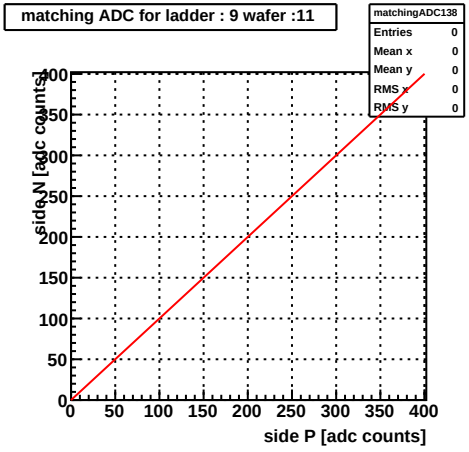

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

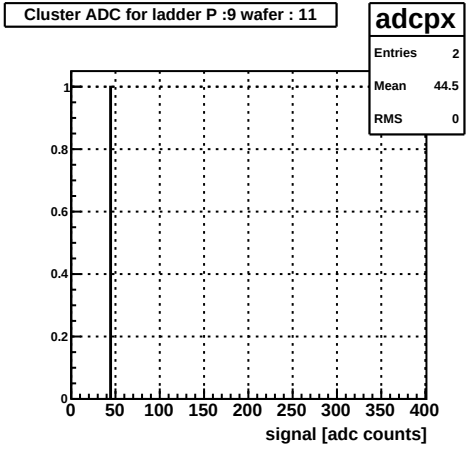

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

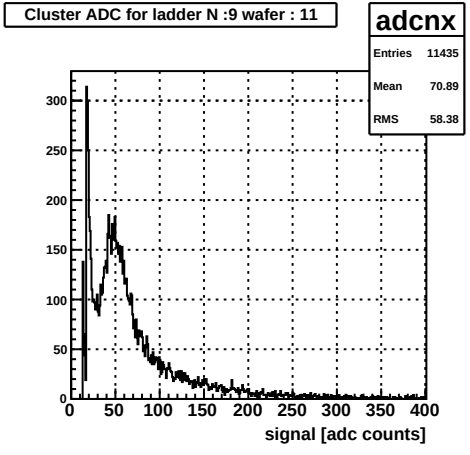

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13087
Mean 58.58
RMS 53.61
signal [adc counts]

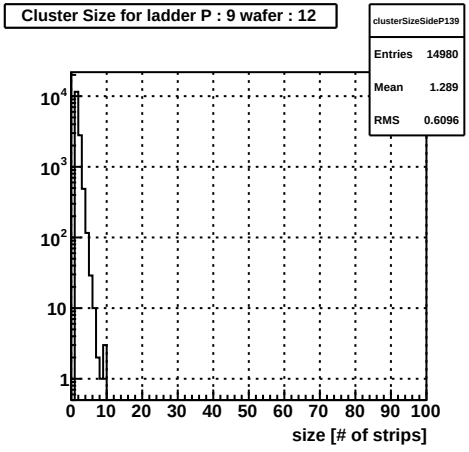

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

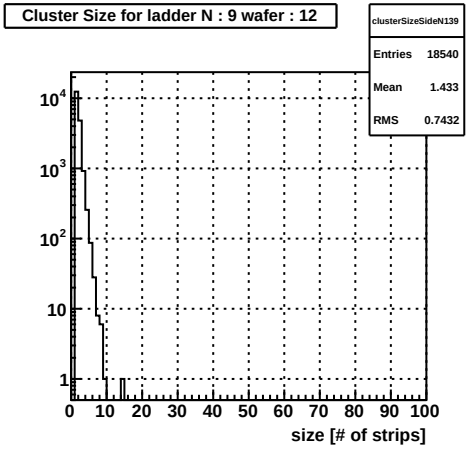

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11435
Mean 1.617
RMS 0.9518
size [# of strips]

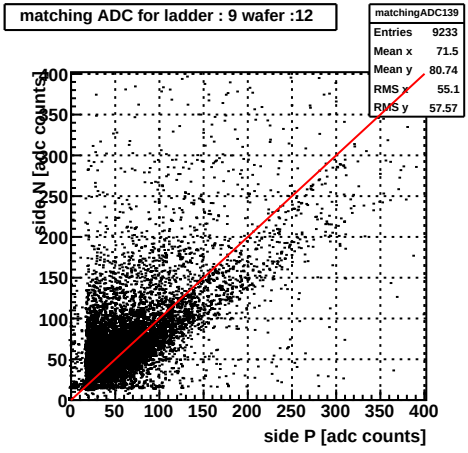

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

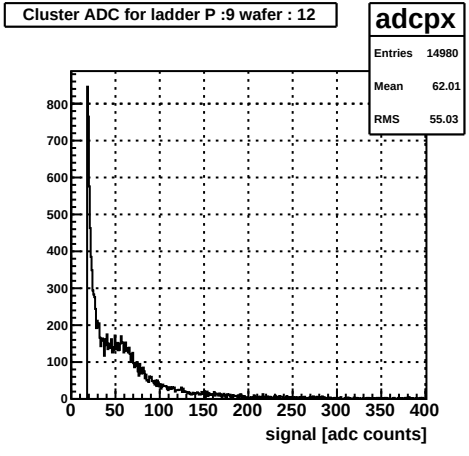

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 44.5
RMS 0
signal [adc counts]

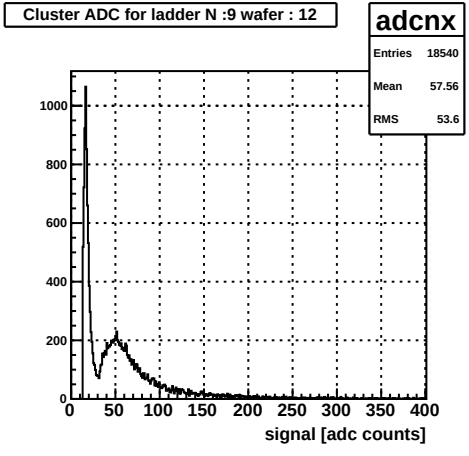

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11435
Mean 70.89
RMS 58.38
signal [adc counts]

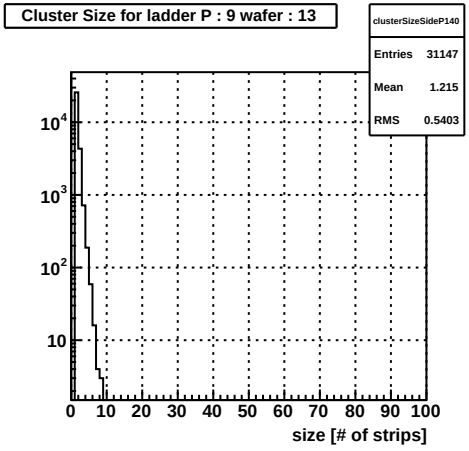

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 14980
Mean 1.289
RMS 0.6096
size [# of strips]

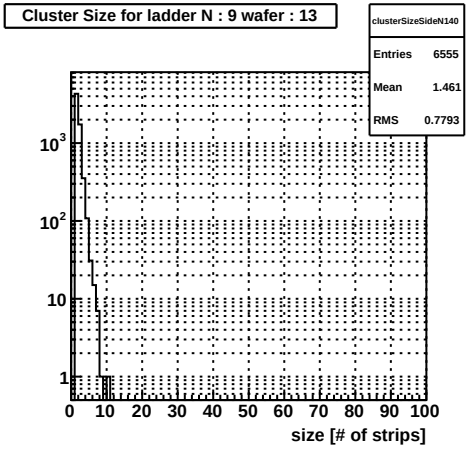

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 18540
Mean 1.433
RMS 0.7432
size [# of strips]

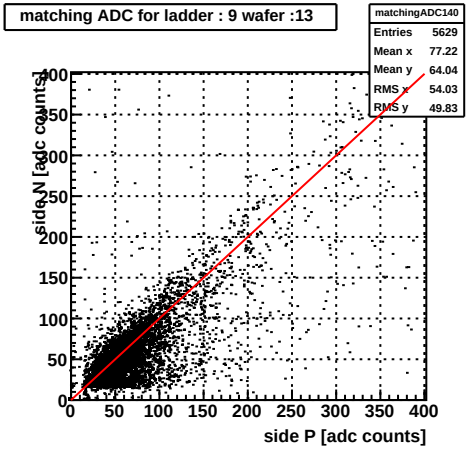

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9233
Mean x 71.5
Mean y 80.74
RMS x 55.1
RMS y 57.57
side N [adc counts]
side P [adc counts]

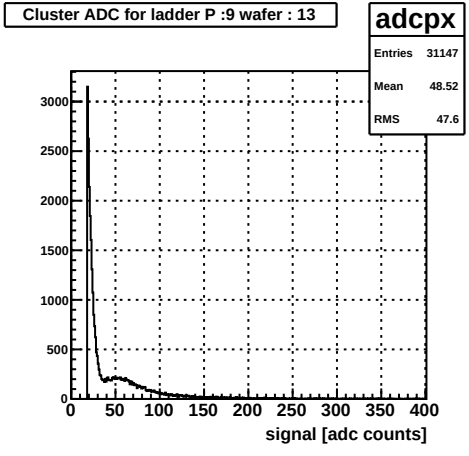

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 14980
Mean 62.01
RMS 55.03
signal [adc counts]

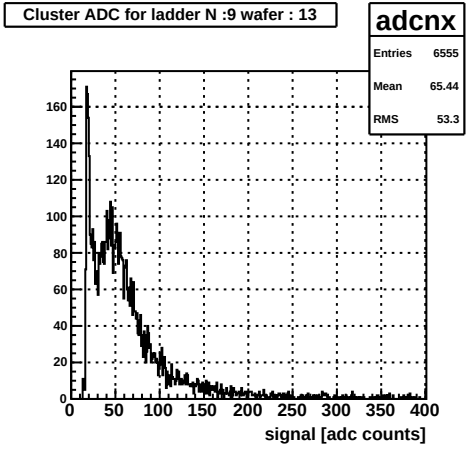

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 18540
Mean 57.56
RMS 53.6
signal [adc counts]

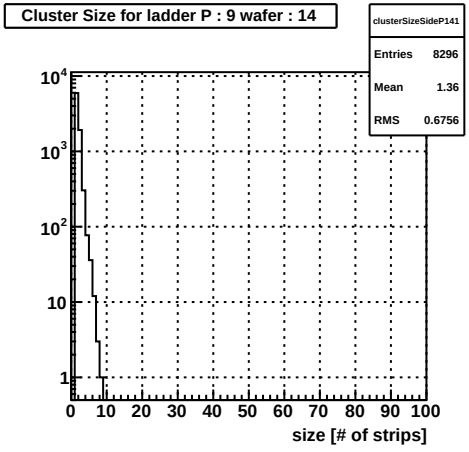

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 31147
Mean 1.215
RMS 0.5403
size [# of strips]

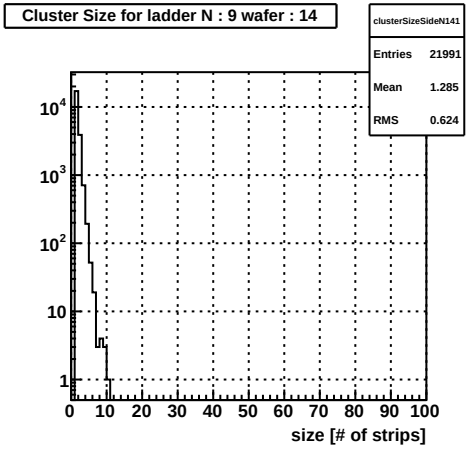

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6555
Mean 1.461
RMS 0.7793
size [# of strips]

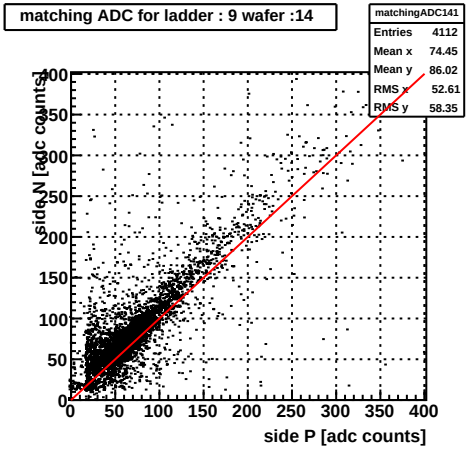

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5629
Mean x 77.22
Mean y 64.04
RMS x 54.03
RMS y 49.83
side N [adc counts]
side P [adc counts]

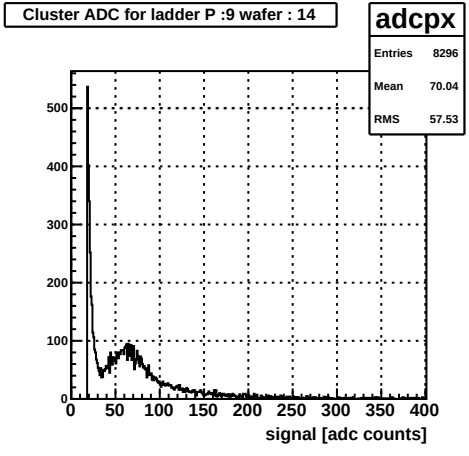

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 31147
Mean 48.52
RMS 47.6
signal [adc counts]

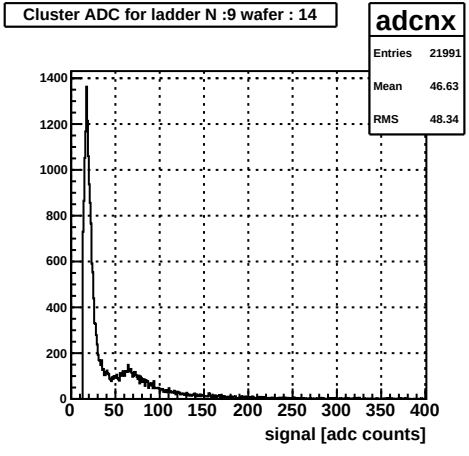

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6555
Mean 65.44
RMS 53.3
signal [adc counts]

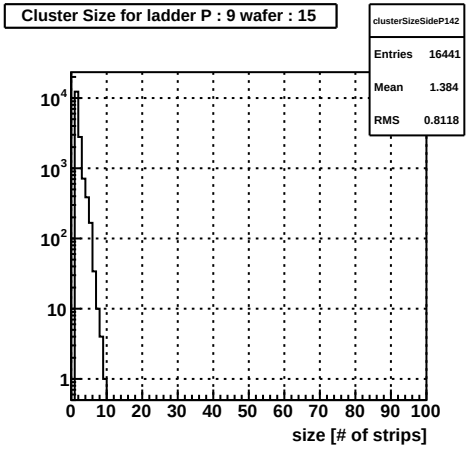

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8296
Mean 1.36
RMS 0.6756
size [# of strips]

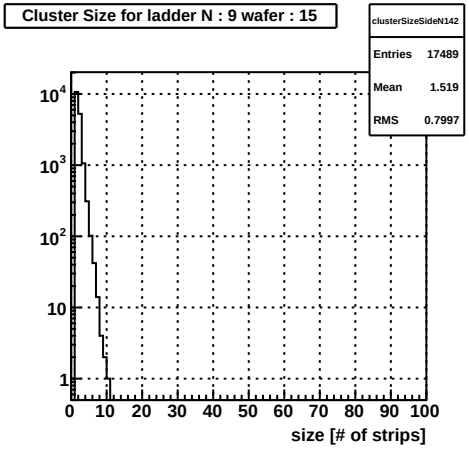

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 21991
Mean 1.285
RMS 0.624
size [# of strips]

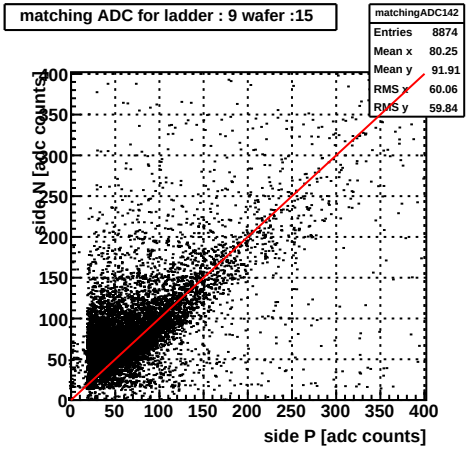

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4112
Mean x 74.45
Mean y 86.02
RMS x 52.61
RMS y 58.35
side N [adc counts]
side P [adc counts]

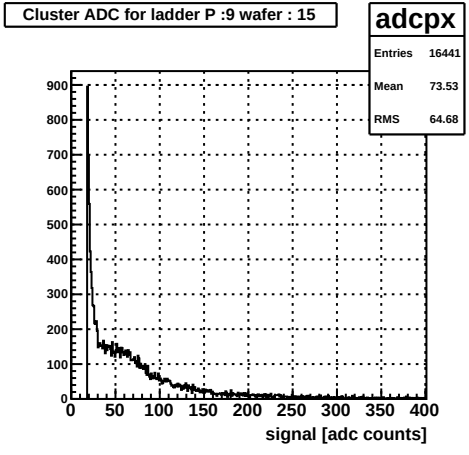

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8296
Mean 70.04
RMS 57.53
signal [adc counts]

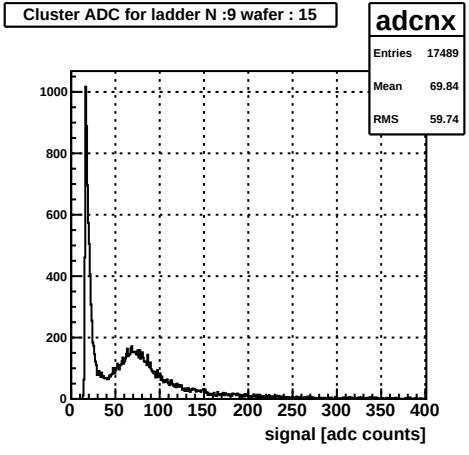

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 21991
Mean 46.63
RMS 48.34
signal [adc counts]

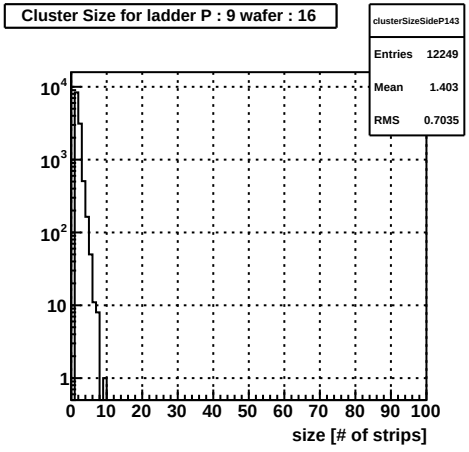

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 16441
Mean 1.384
RMS 0.8118
size [# of strips]

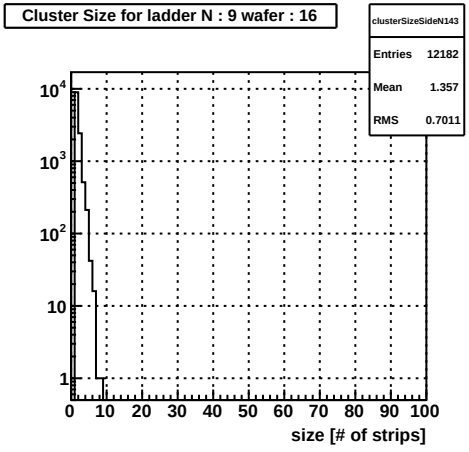

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 17489
Mean 1.519
RMS 0.7997
size [# of strips]

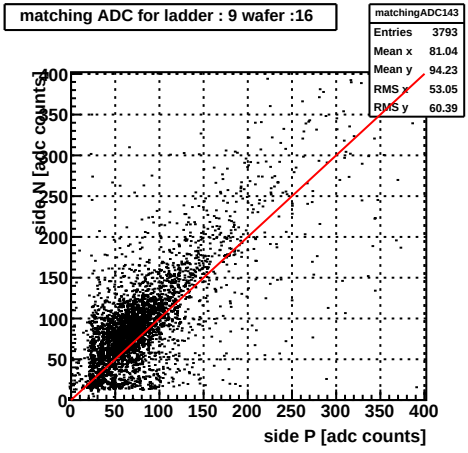

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8874
Mean x 80.25
Mean y 91.91
RMS x 60.06
RMS y 59.84
side N [adc counts]
side P [adc counts]

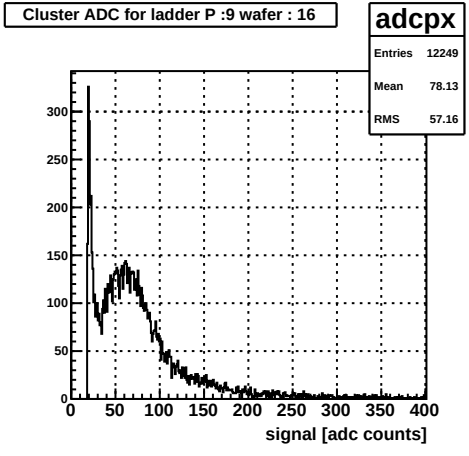

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 16441
Mean 73.53
RMS 64.68
signal [adc counts]

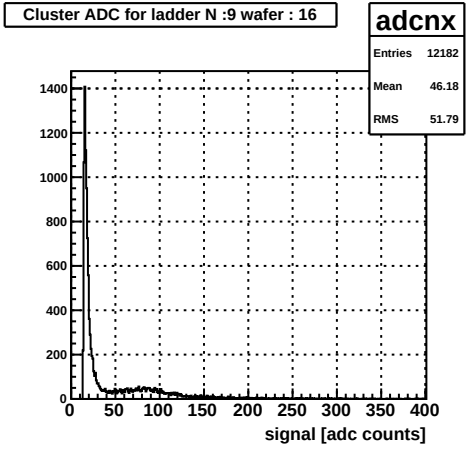

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 17489
Mean 69.84
RMS 59.74
signal [adc counts]

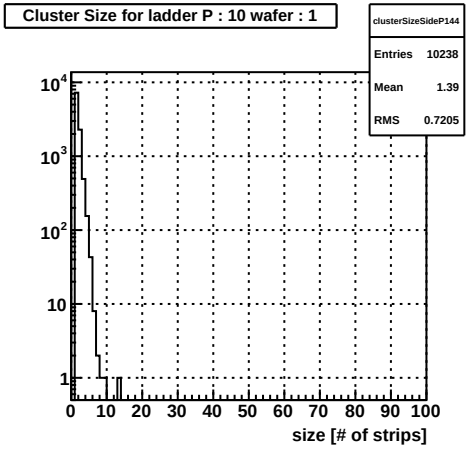

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12249
Mean 1.403
RMS 0.7035
size [# of strips]

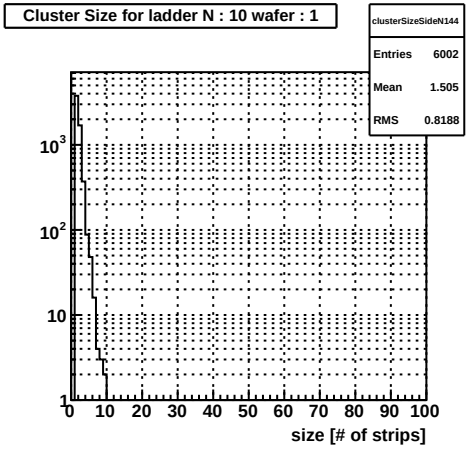

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 12182
Mean 1.357
RMS 0.7011
size [# of strips]

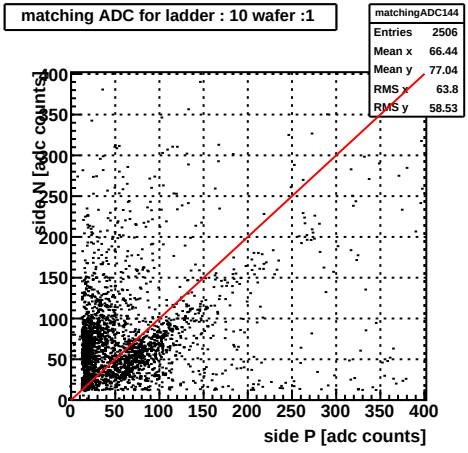

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3793
Mean x 81.04
Mean y 94.23
RMS x 53.05
RMS y 60.39
side N [adc counts]
side P [adc counts]

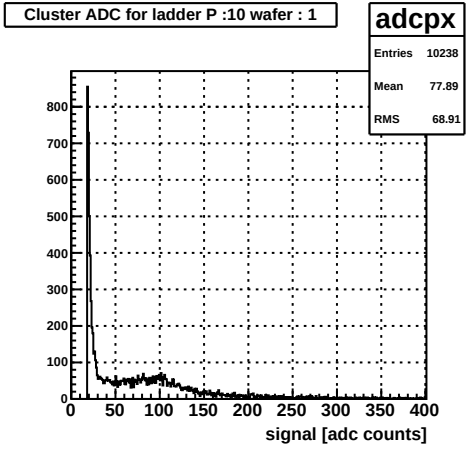

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12249
Mean 78.13
RMS 57.16
signal [adc counts]

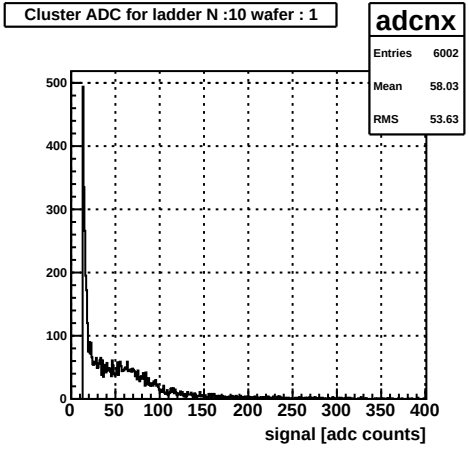

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 12182
Mean 46.18
RMS 51.79
signal [adc counts]

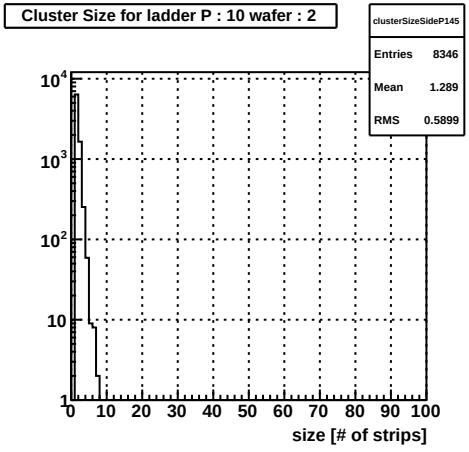

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 10238
Mean 1.39
RMS 0.7205
size [# of strips]

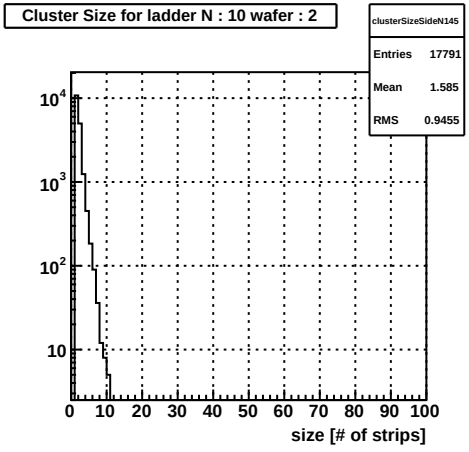

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 6002
Mean 1.505
RMS 0.8188
size [# of strips]

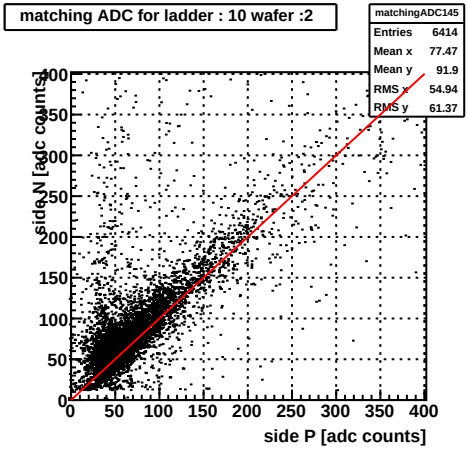

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2506
Mean x 66.44
Mean y 77.04
RMS x 63.8
RMS y 58.53
side N [adc counts]
side P [adc counts]

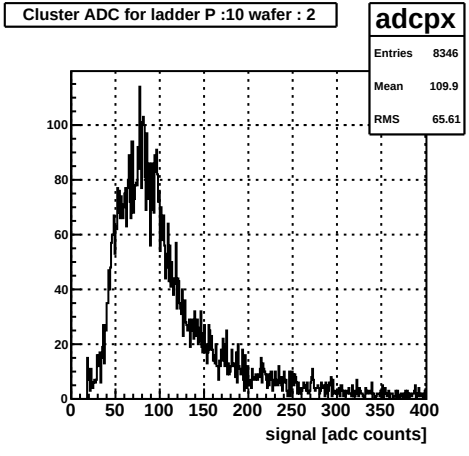

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 10238
Mean 77.89
RMS 68.91
signal [adc counts]

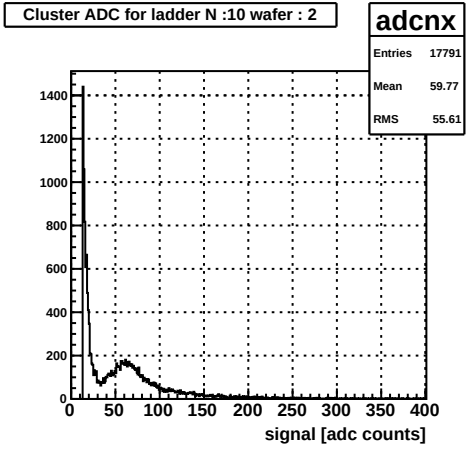

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 6002
Mean 58.03
RMS 53.63
signal [adc counts]

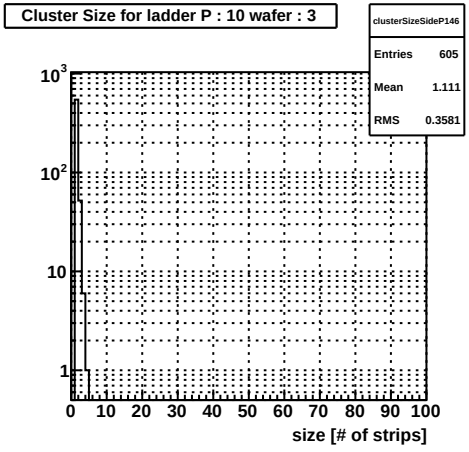

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8346
Mean 1.289
RMS 0.5899
size [# of strips]

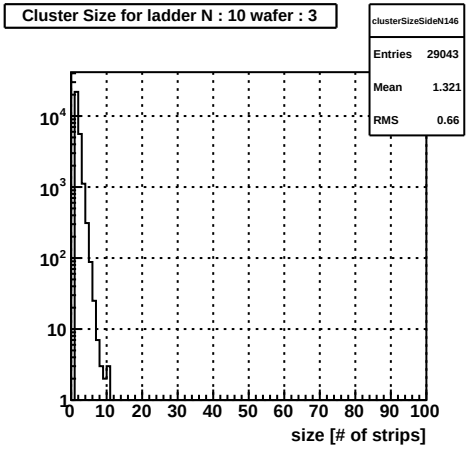

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 17791
Mean 1.585
RMS 0.9455
size [# of strips]

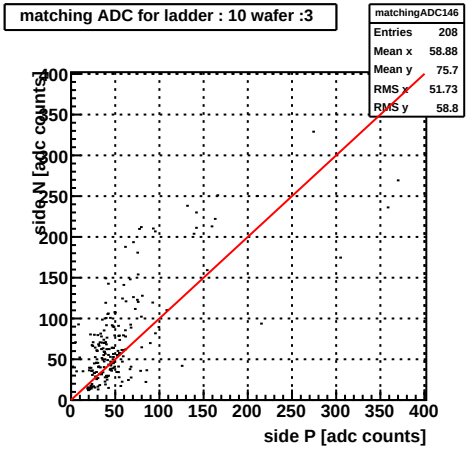

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6414
Mean x 77.47
Mean y 91.9
RMS x 54.94
RMS y 61.37
side N [adc counts]
side P [adc counts]

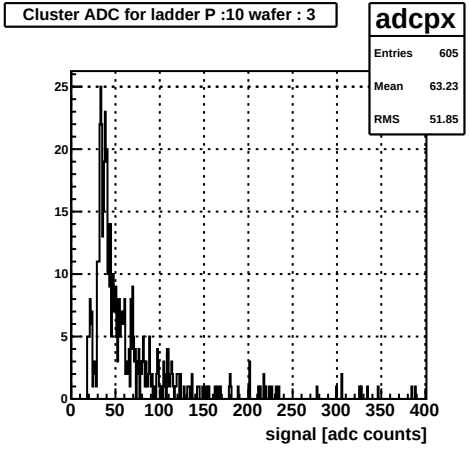

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8346
Mean 109.9
RMS 65.61
signal [adc counts]

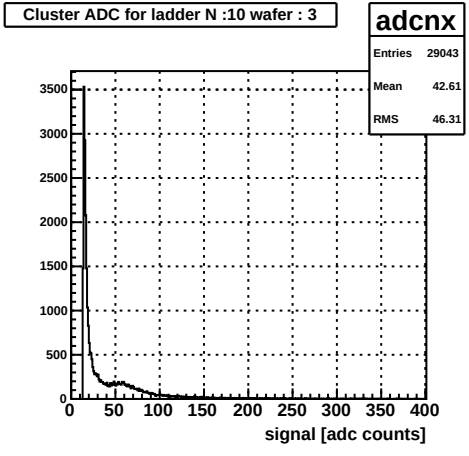

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 17791
Mean 59.77
RMS 55.61
signal [adc counts]

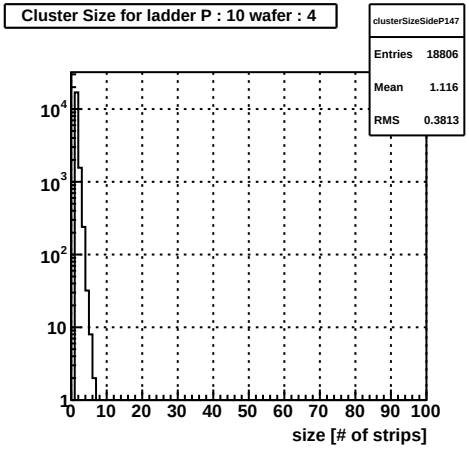

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 605
Mean 1.111
RMS 0.3581
size [# of strips]

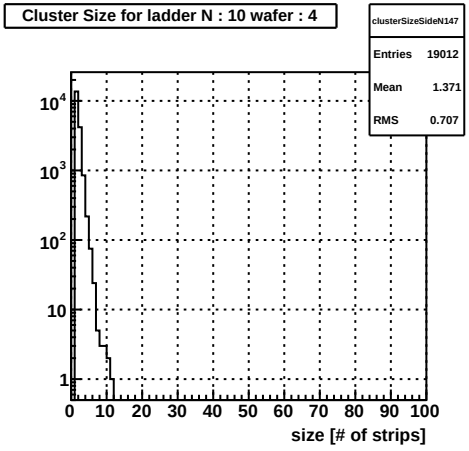

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 29043
Mean 1.321
RMS 0.66
size [# of strips]

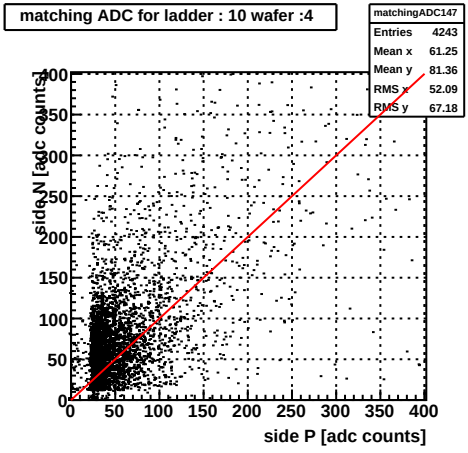

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 208
Mean x 58.88
Mean y 75.7
RMS x 51.73
RMS y 58.8
side N [adc counts]
side P [adc counts]

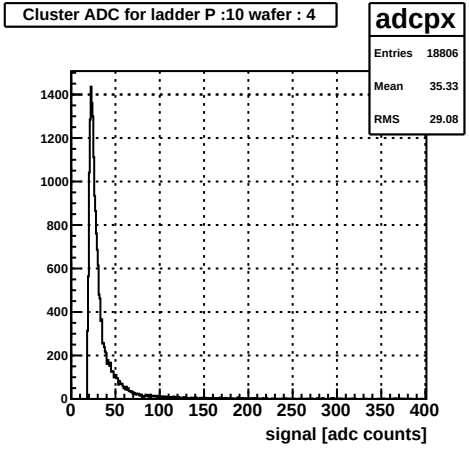

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 605
Mean 63.23
RMS 51.85
signal [adc counts]

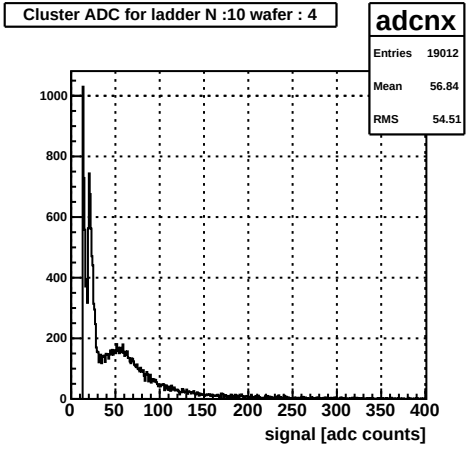

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 29043
Mean 42.61
RMS 46.31
signal [adc counts]

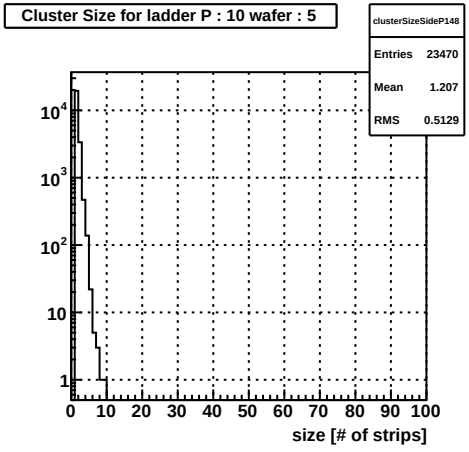

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18806
Mean 1.116
RMS 0.3813
size [# of strips]

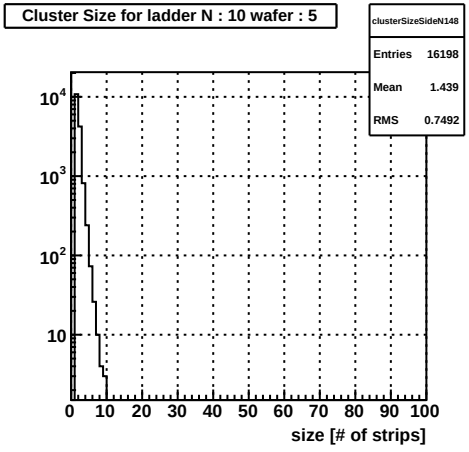

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19012
Mean 1.371
RMS 0.707
size [# of strips]

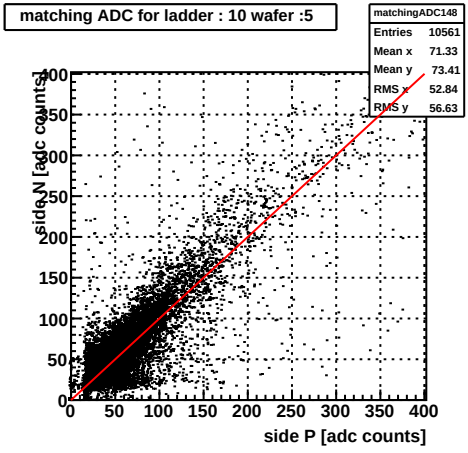

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4243
Mean x 61.25
Mean y 81.36
RMS x 52.09
RMS y 67.18
side N [adc counts]
side P [adc counts]

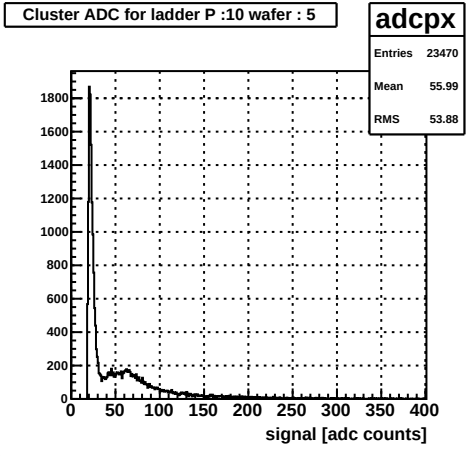

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18806
Mean 35.33
RMS 29.08
signal [adc counts]

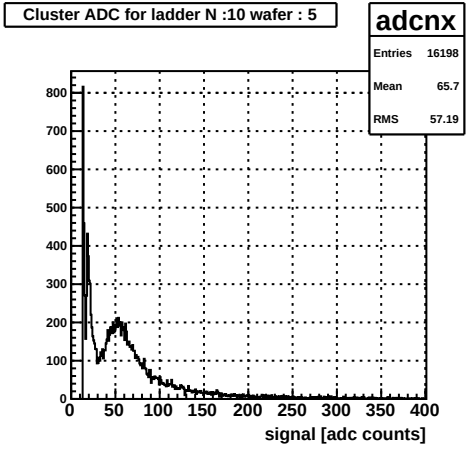

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19012
Mean 56.84
RMS 54.51
signal [adc counts]

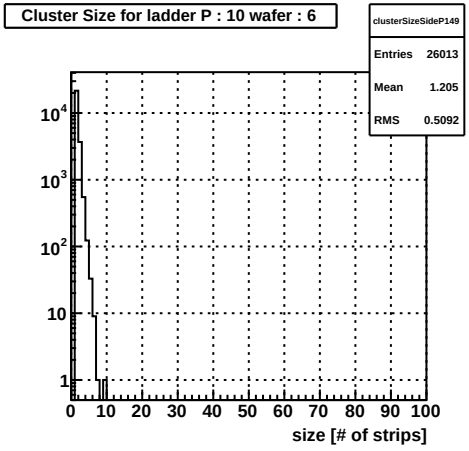

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 23470
Mean 1.207
RMS 0.5129
size [# of strips]

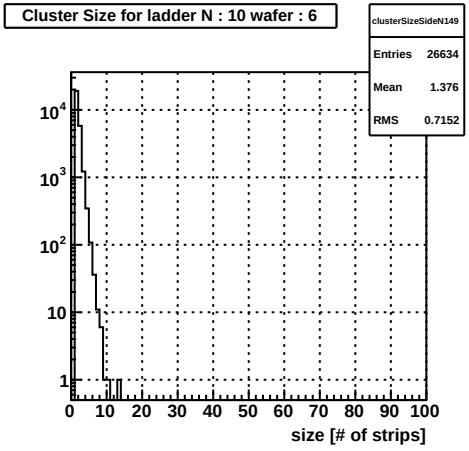

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 16198
Mean 1.439
RMS 0.7492
size [# of strips]

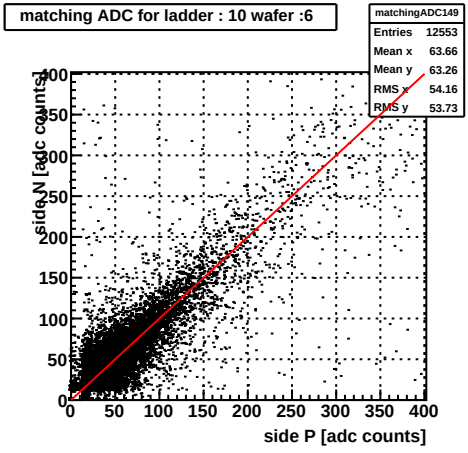

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 10561
Mean x 71.33
Mean y 73.41
RMS x 52.84
RMS y 56.63
side N [adc counts]
side P [adc counts]

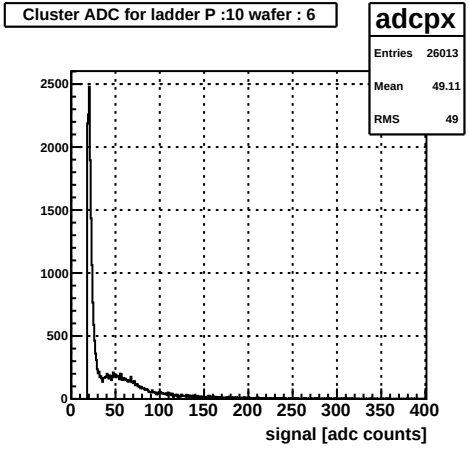

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 23470
Mean 55.99
RMS 53.88
signal [adc counts]

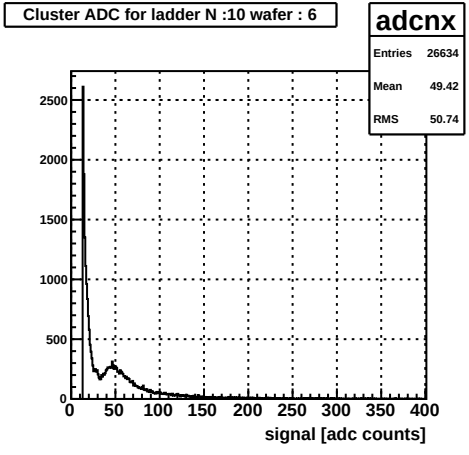

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 16198
Mean 65.7
RMS 57.19
signal [adc counts]

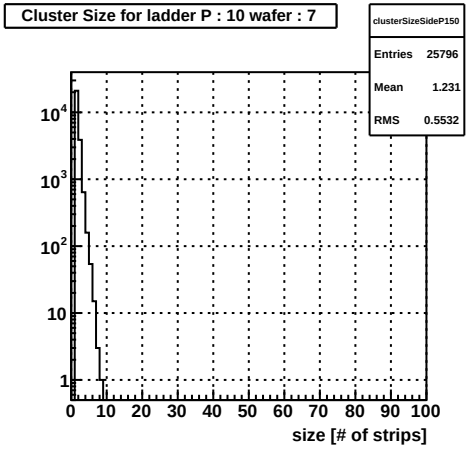

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 26013
Mean 1.205
RMS 0.5092
size [# of strips]

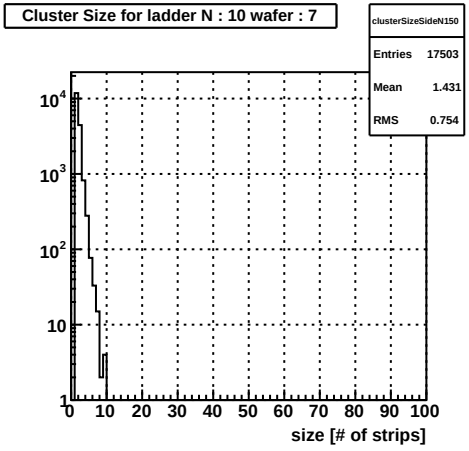

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 26634
Mean 1.376
RMS 0.7152
size [# of strips]

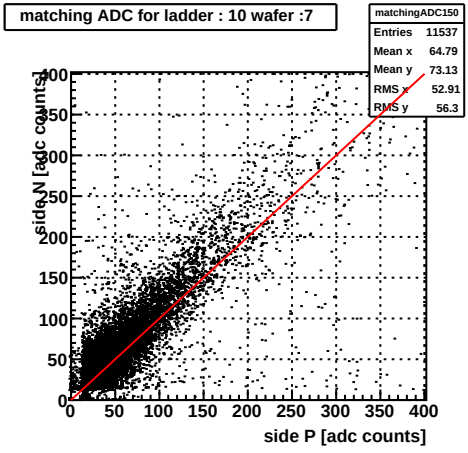

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 12553
Mean x 63.66
Mean y 63.26
RMS x 54.16
RMS y 53.73
side N [adc counts]
side P [adc counts]

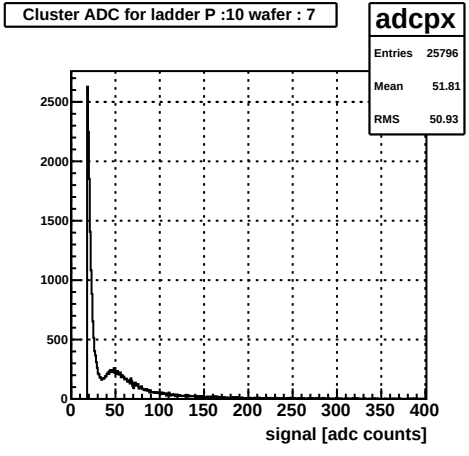

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 26013
Mean 49.11
RMS 49
signal [adc counts]

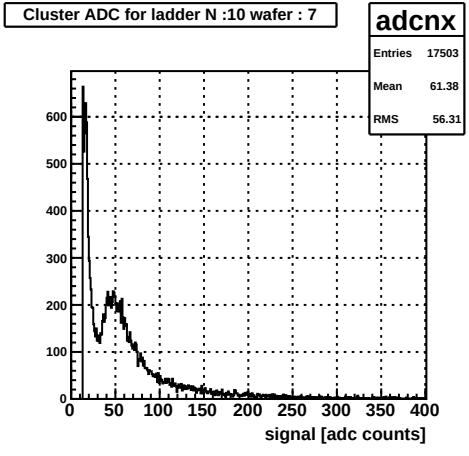

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 26634
Mean 49.42
RMS 50.74
signal [adc counts]

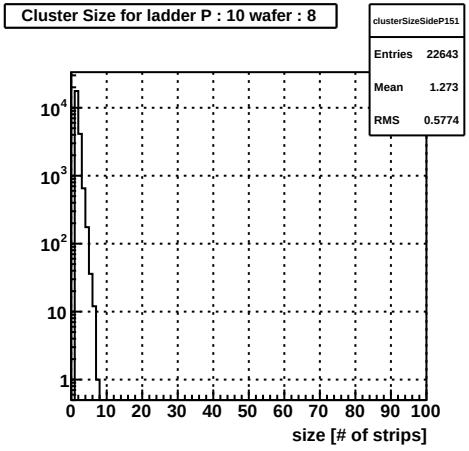

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 25796
Mean 1.231
RMS 0.5532
size [# of strips]

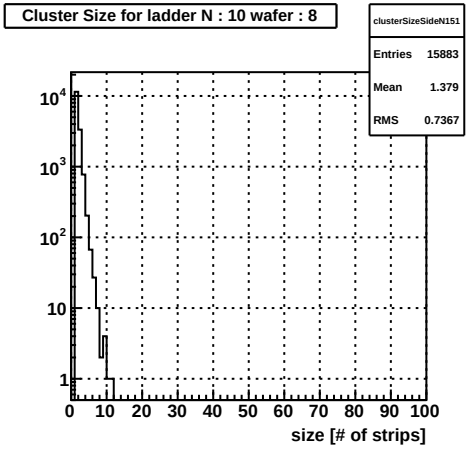

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 17503
Mean 1.431
RMS 0.754
size [# of strips]

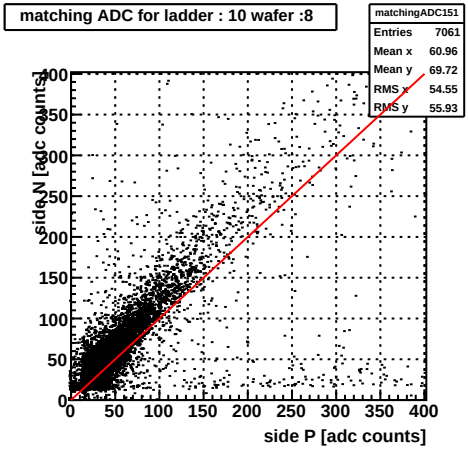

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 11537
Mean x 64.79
Mean y 73.13
RMS x 52.91
RMS y 56.3
side N [adc counts]
side P [adc counts]

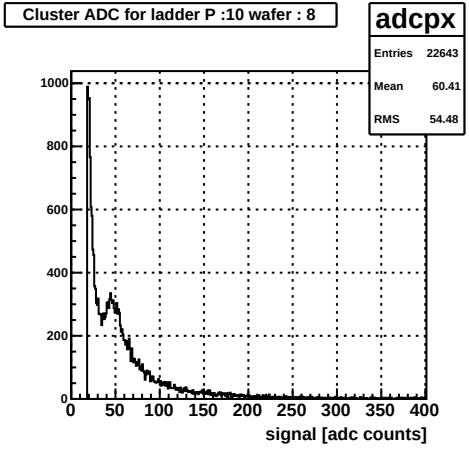

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 25796
Mean 51.81
RMS 50.93
signal [adc counts]

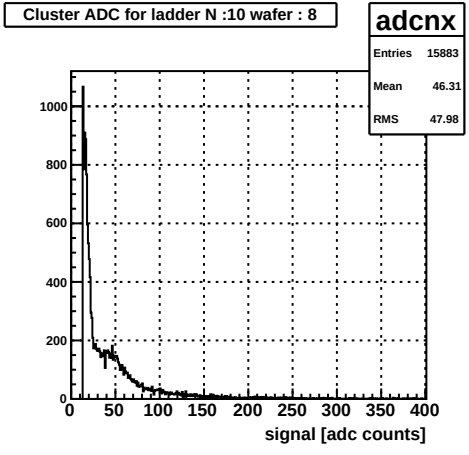

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 17503
Mean 61.38
RMS 56.31
signal [adc counts]

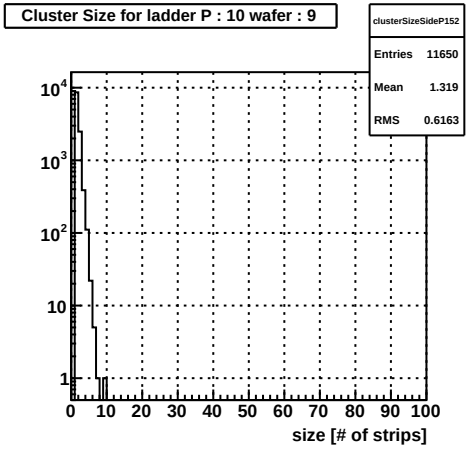

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 22643
Mean 1.273
RMS 0.5774
size [# of strips]

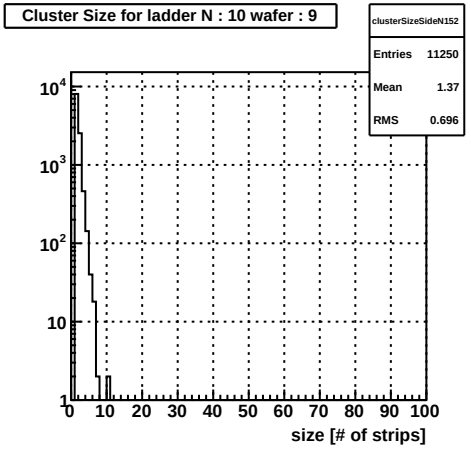

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 15883
Mean 1.379
RMS 0.7367
size [# of strips]

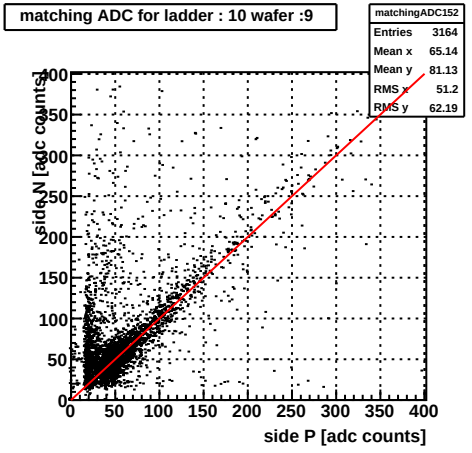

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7061
Mean x 60.96
Mean y 69.72
RMS x 54.55
RMS y 55.93
side N [adc counts]
side P [adc counts]

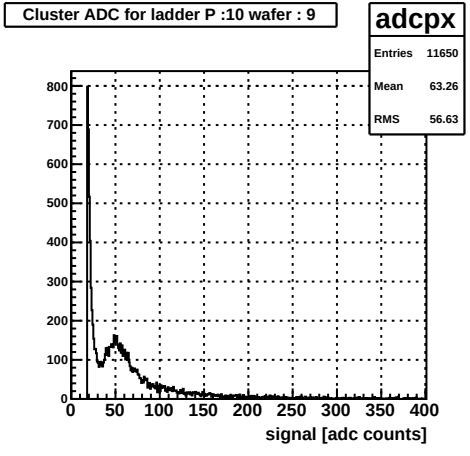

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 22643
Mean 60.41
RMS 54.48
signal [adc counts]

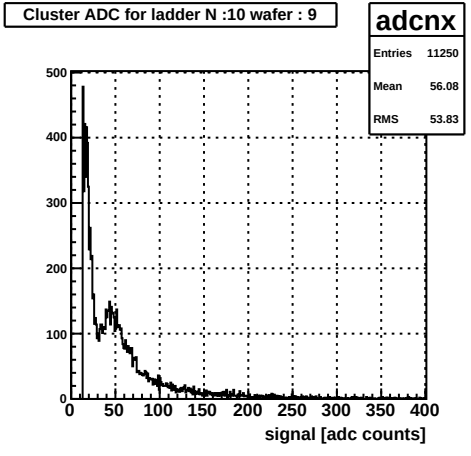

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 15883
Mean 46.31
RMS 47.98
signal [adc counts]

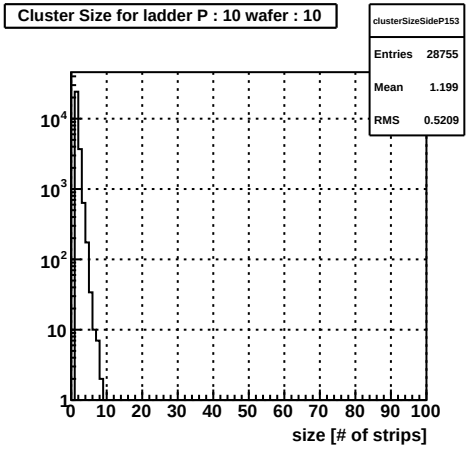

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 11650
Mean 1.319
RMS 0.6163
size [# of strips]

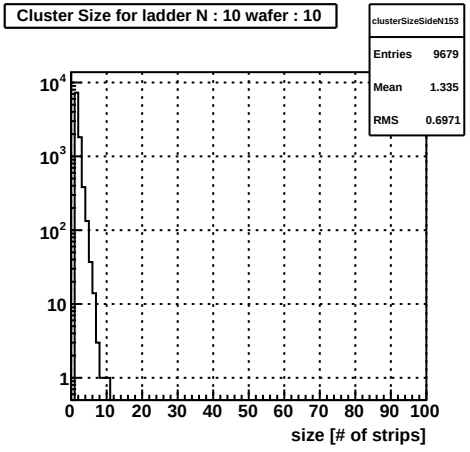

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11250
Mean 1.37
RMS 0.696
size [# of strips]

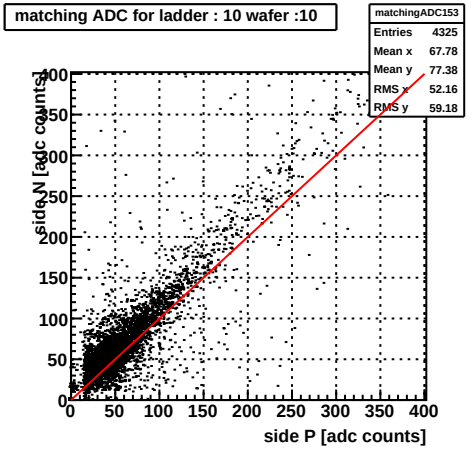

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3164
Mean x 65.14
Mean y 81.13
RMS x 51.2
RMS y 62.19
side N [adc counts]
side P [adc counts]

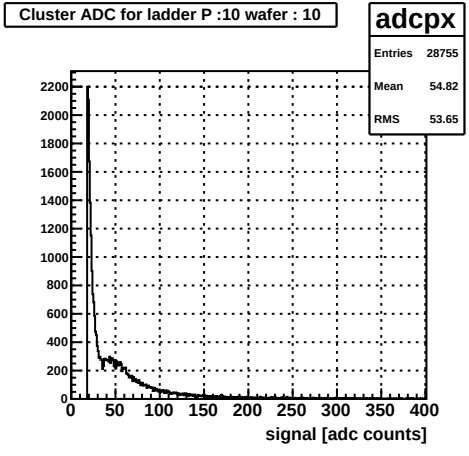

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 11650
Mean 63.26
RMS 56.63
signal [adc counts]

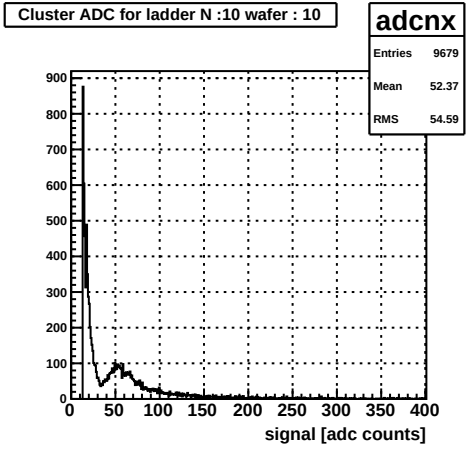

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11250
Mean 56.08
RMS 53.83
signal [adc counts]

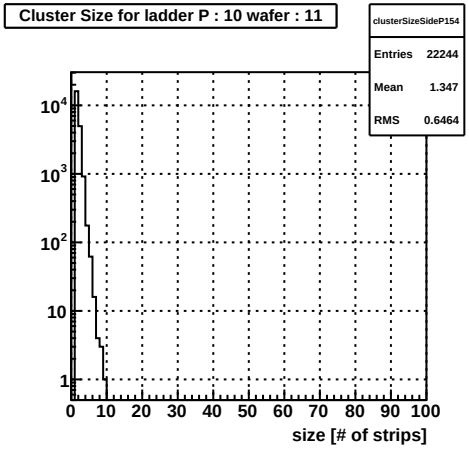

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 28755
Mean 1.199
RMS 0.5209
size [# of strips]

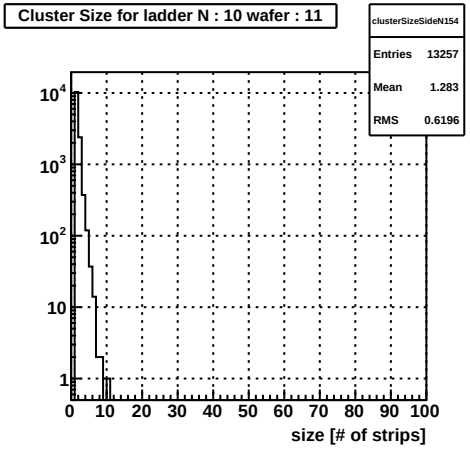

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 9679
Mean 1.335
RMS 0.6971
size [# of strips]

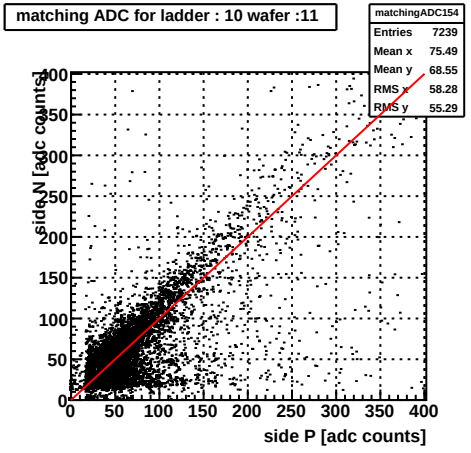

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4325
Mean x 67.78
Mean y 77.38
RMS x 52.16
RMS y 59.18
side N [adc counts]
side P [adc counts]

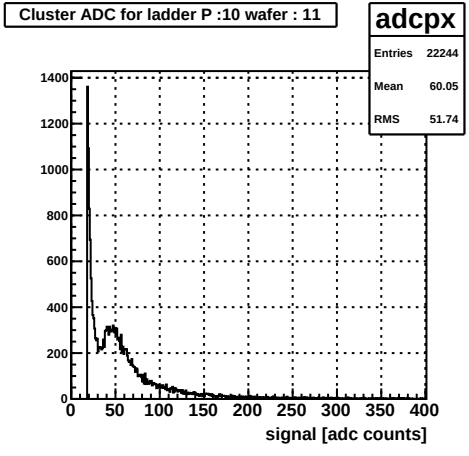

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 28755
Mean 54.82
RMS 53.65
signal [adc counts]

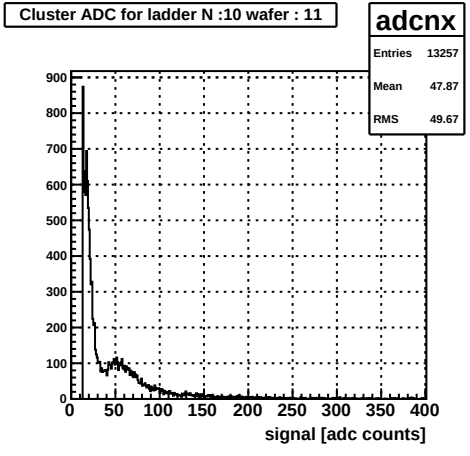

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 9679
Mean 52.37
RMS 54.59
signal [adc counts]

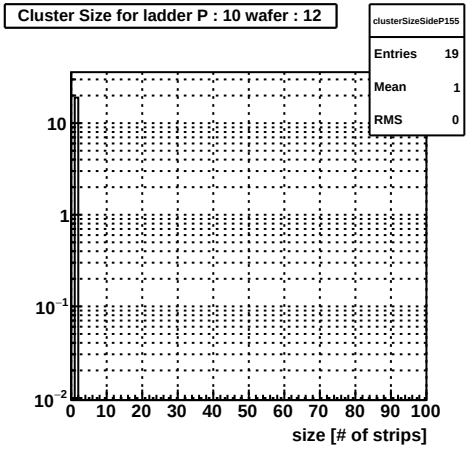

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 22244
Mean 1.347
RMS 0.6464
size [# of strips]

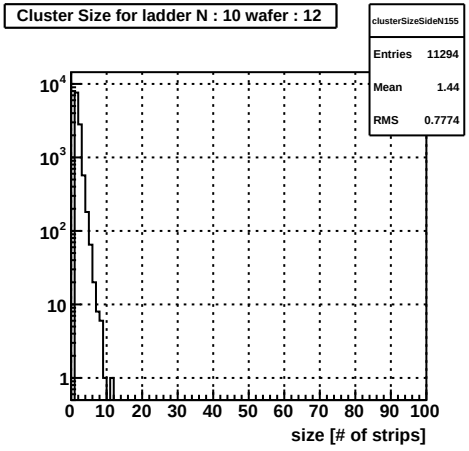

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 13257
Mean 1.283
RMS 0.6196
size [# of strips]

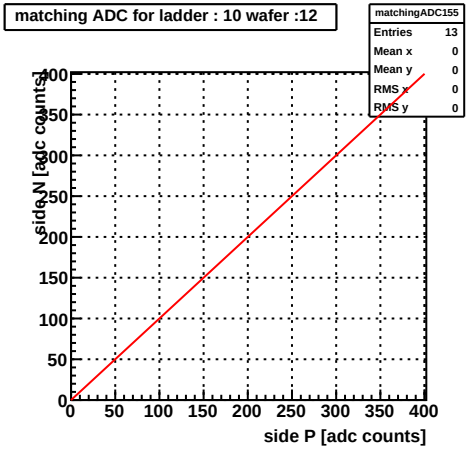

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 7239
Mean x 75.49
Mean y 68.55
RMS x 58.28
RMS y 55.29
side N [adc counts]
side P [adc counts]

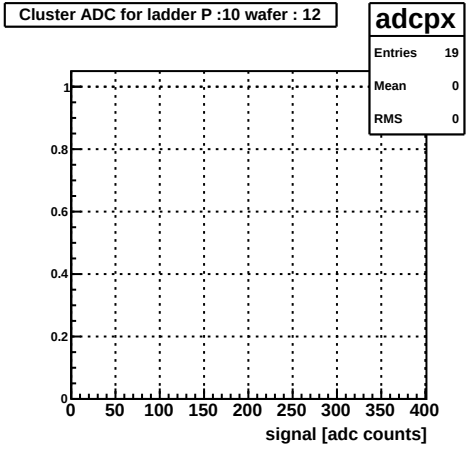

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 22244
Mean 60.05
RMS 51.74
signal [adc counts]

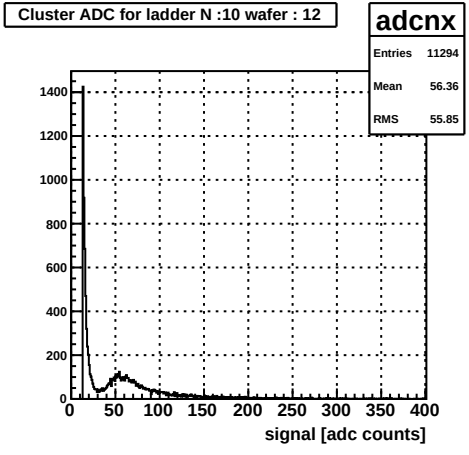

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 13257
Mean 47.87
RMS 49.67
signal [adc counts]

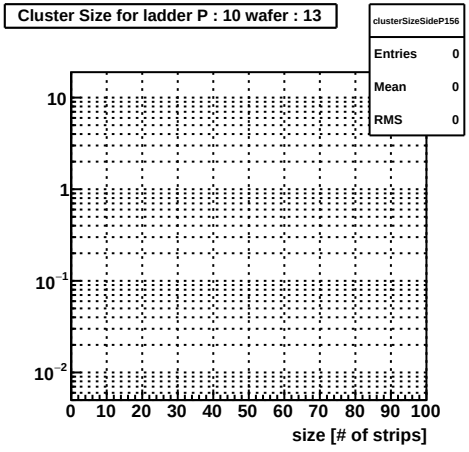

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 19
Mean 1
RMS 0
size [# of strips]

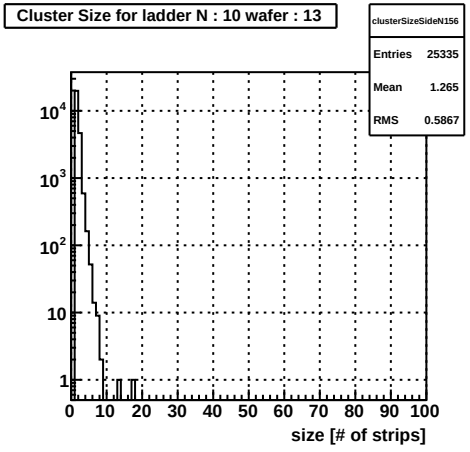

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11294
Mean 1.44
RMS 0.7774
size [# of strips]

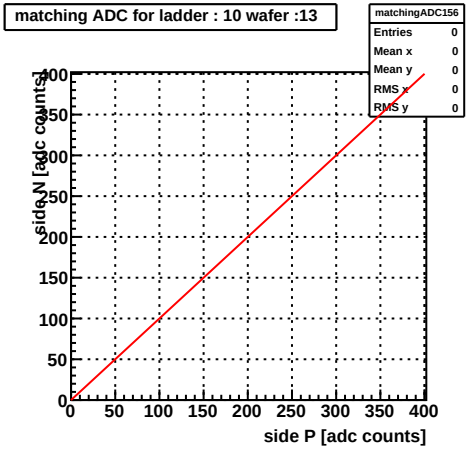

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 13
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

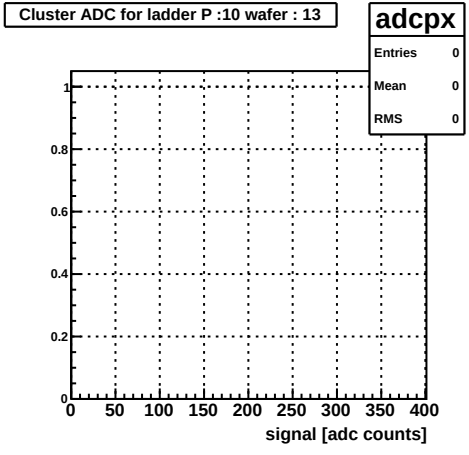

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

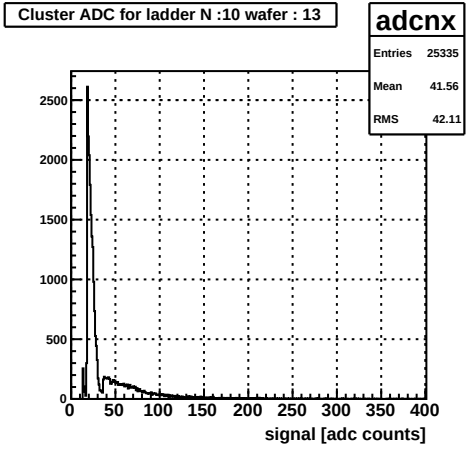

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11294
Mean 56.36
RMS 55.85
signal [adc counts]

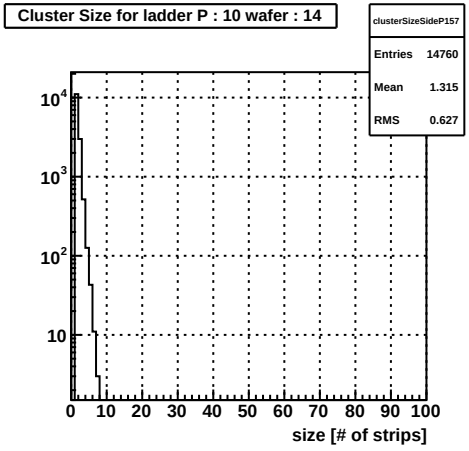

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

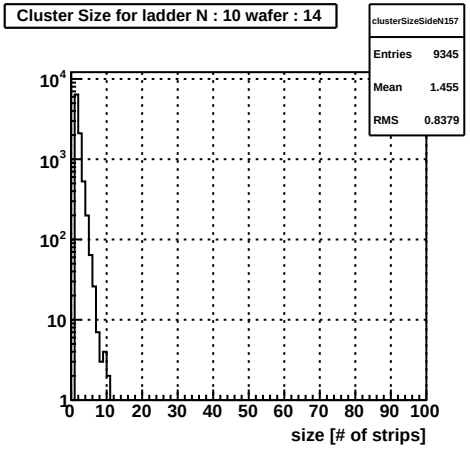

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 25335
Mean 1.265
RMS 0.5867
size [# of strips]

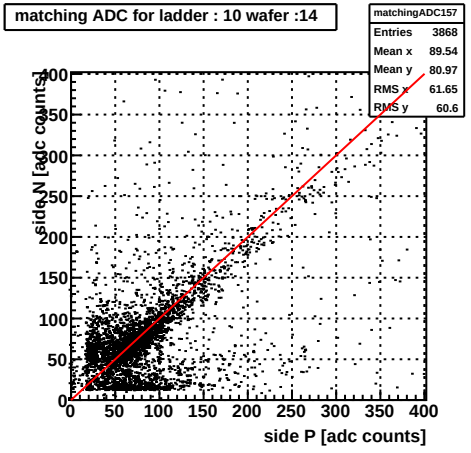

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

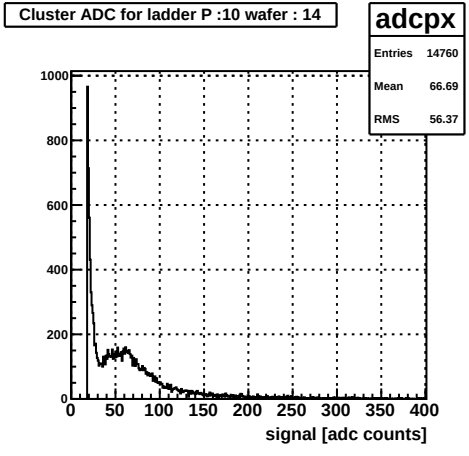

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

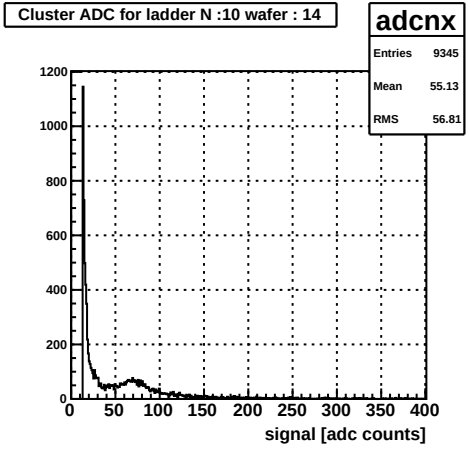

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 25335
Mean 41.56
RMS 42.11
signal [adc counts]

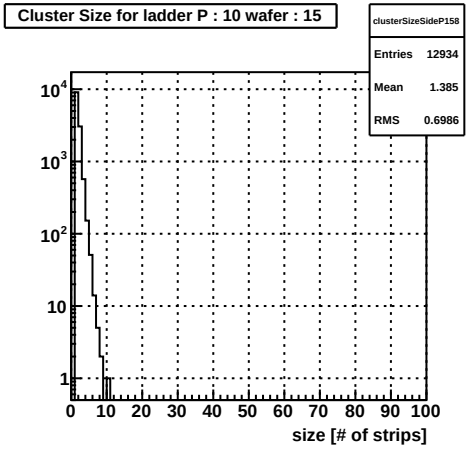

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 14760
Mean 1.315
RMS 0.627
size [# of strips]

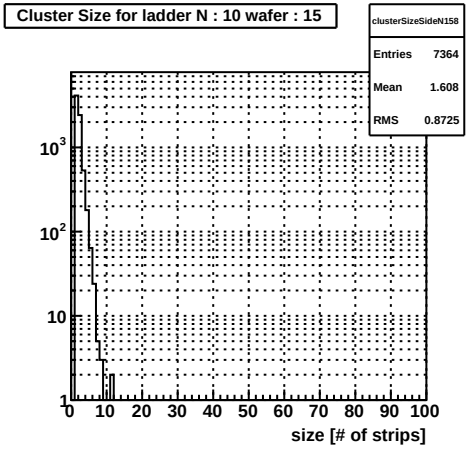

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 9345
Mean 1.455
RMS 0.8379
size [# of strips]

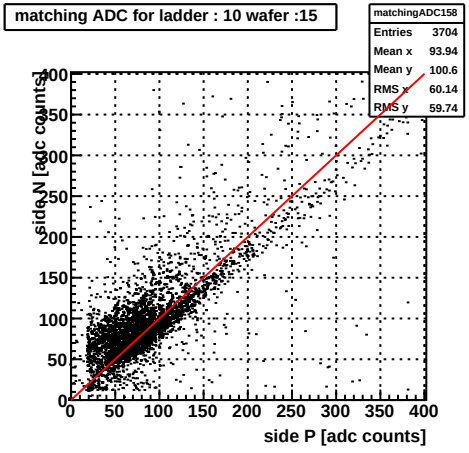

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3868
Mean x 89.54
Mean y 80.97
RMS x 61.65
RMS y 60.6
side N [adc counts]
side P [adc counts]

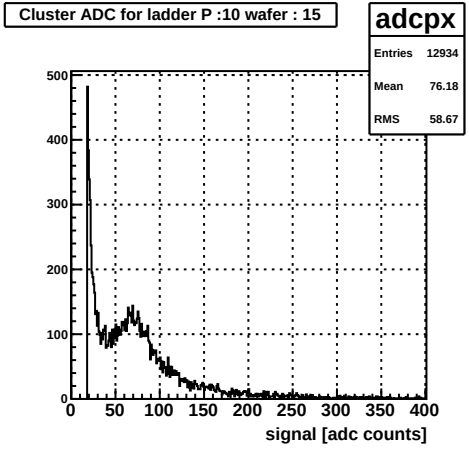

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 14760
Mean 66.69
RMS 56.37
signal [adc counts]

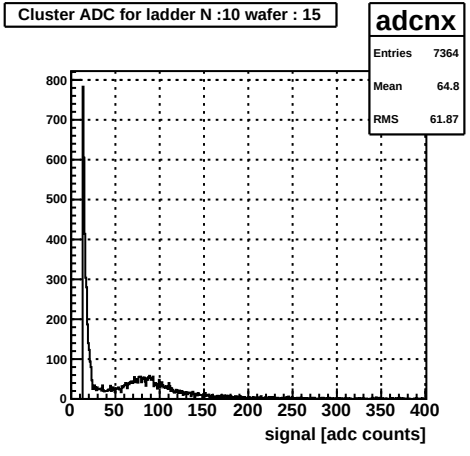

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 9345
Mean 55.13
RMS 56.81
signal [adc counts]

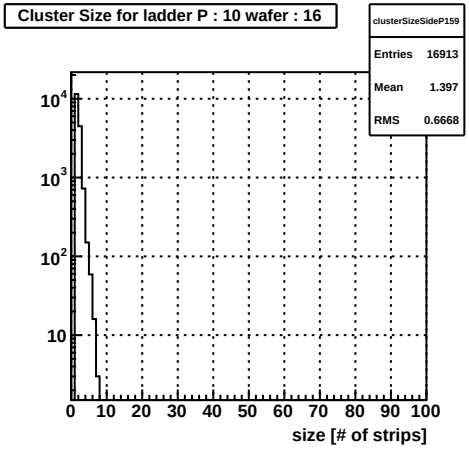

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 12934
Mean 1.385
RMS 0.6986
size [# of strips]

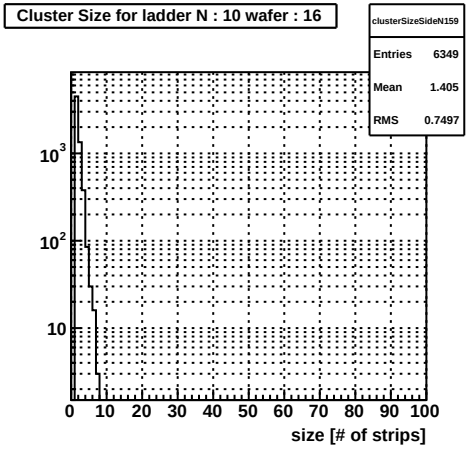

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7364
Mean 1.608
RMS 0.8725
size [# of strips]

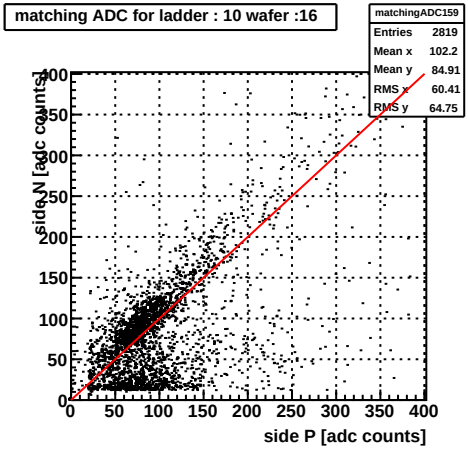

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3704
Mean x 93.94
Mean y 100.6
RMS x 60.14
RMS y 59.74
side N [adc counts]
side P [adc counts]

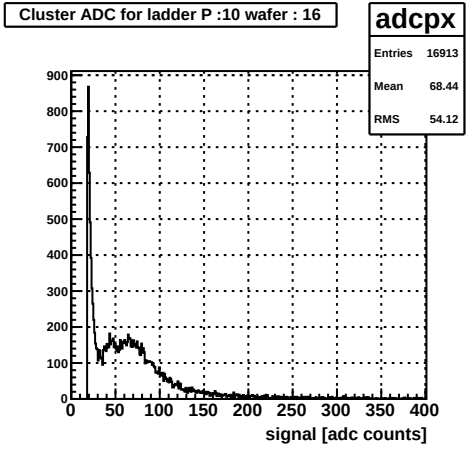

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 12934
Mean 76.18
RMS 58.67
signal [adc counts]

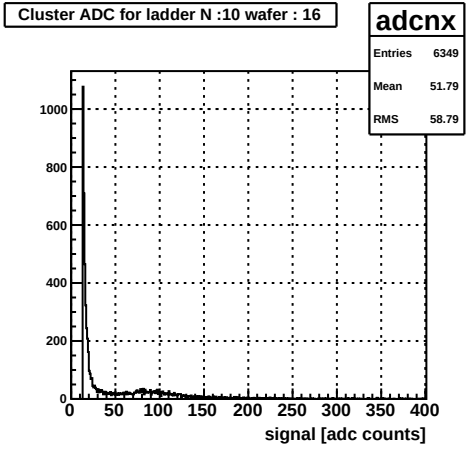

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7364
Mean 64.8
RMS 61.87
signal [adc counts]

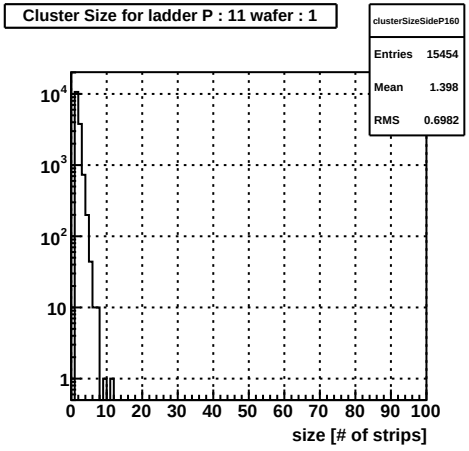

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 16913
Mean 1.397
RMS 0.6668
size [# of strips]

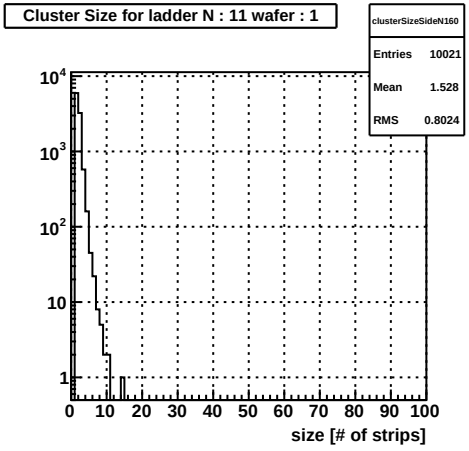

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 6349
Mean 1.405
RMS 0.7497
size [# of strips]

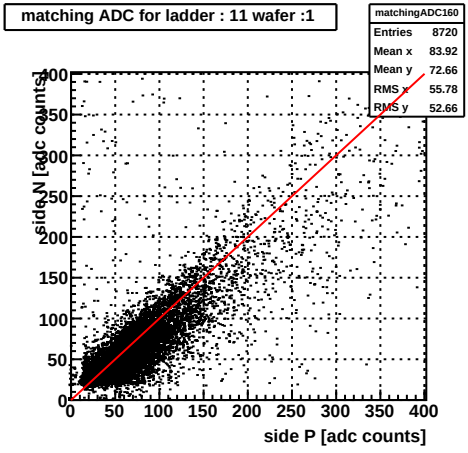

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2819
Mean x 102.2
Mean y 84.91
RMS x 60.41
RMS y 64.75
side N [adc counts]
side P [adc counts]

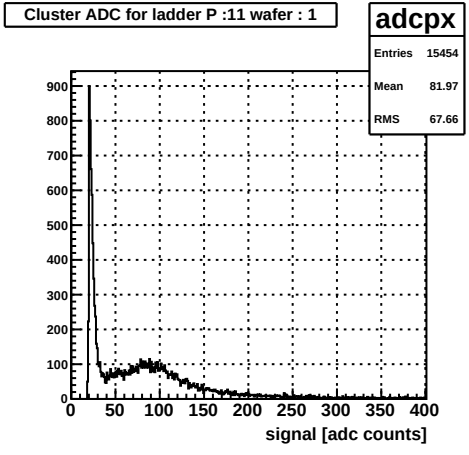

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 16913
Mean 68.44
RMS 54.12
signal [adc counts]

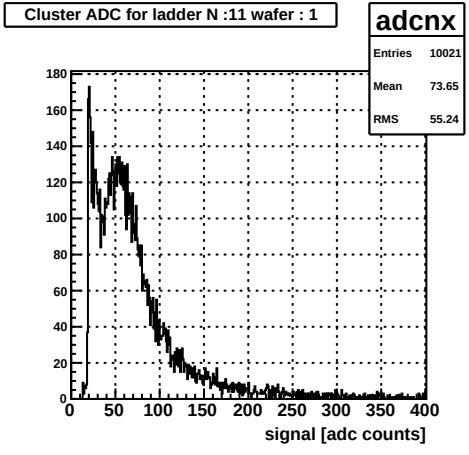

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 6349
Mean 51.79
RMS 58.79
signal [adc counts]

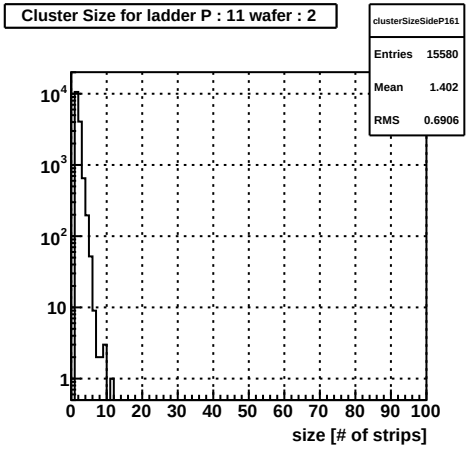

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 15454
Mean 1.398
RMS 0.6982
size [# of strips]

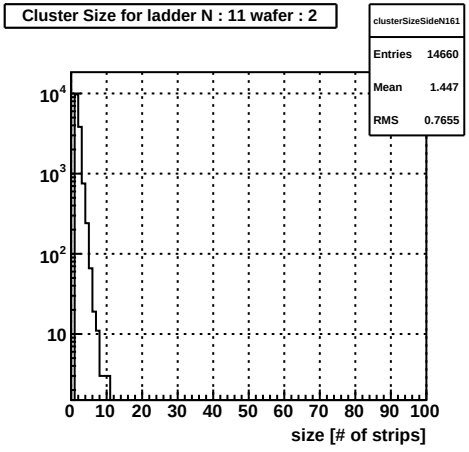

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 10021
Mean 1.528
RMS 0.8024
size [# of strips]

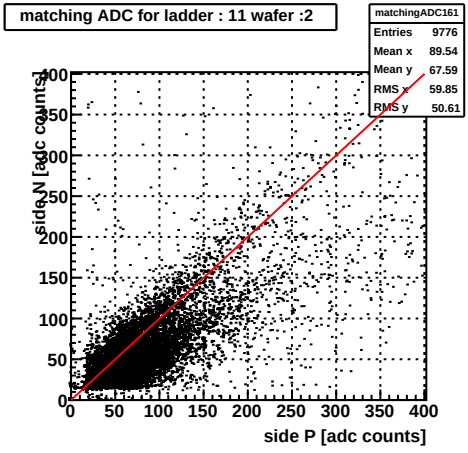

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8720
Mean x 83.92
Mean y 72.66
RMS x 55.78
RMS y 52.66
side N [adc counts]
side P [adc counts]

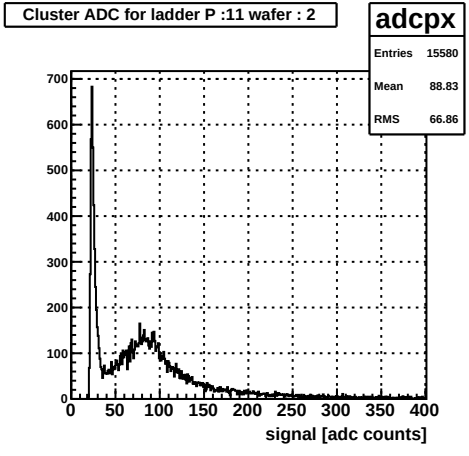

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 15454
Mean 81.97
RMS 67.66
signal [adc counts]

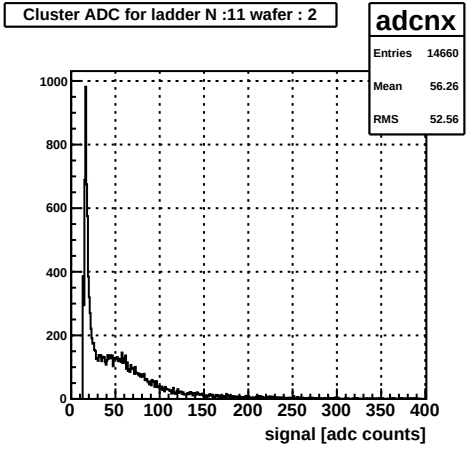

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 10021
Mean 73.65
RMS 55.24
signal [adc counts]

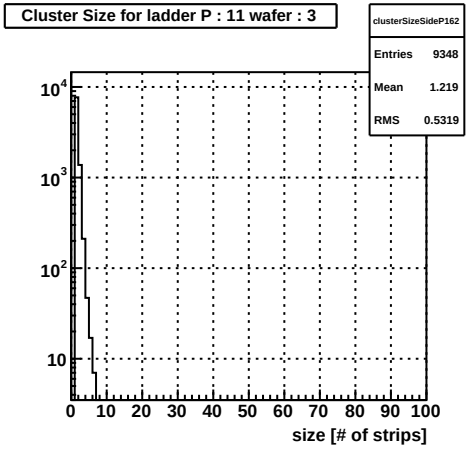

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15580
Mean 1.402
RMS 0.6906
size [# of strips]

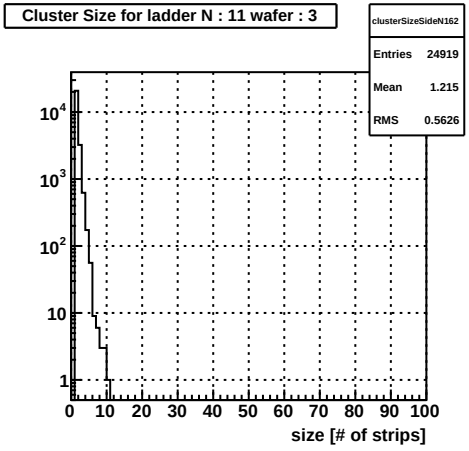

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 14660
Mean 1.447
RMS 0.7655
size [# of strips]

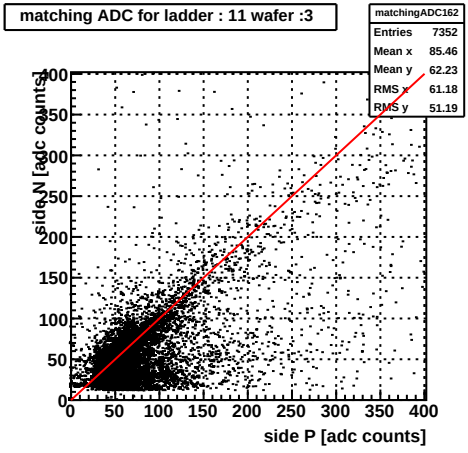

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 9776
Mean x 89.54
Mean y 67.59
RMS x 59.85
RMS y 50.61
side N [adc counts]
side P [adc counts]

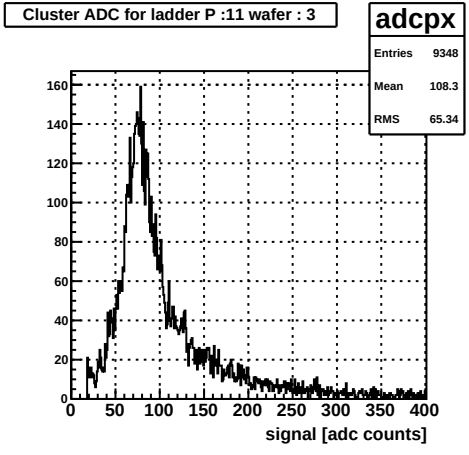

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15580
Mean 88.83
RMS 66.86
signal [adc counts]

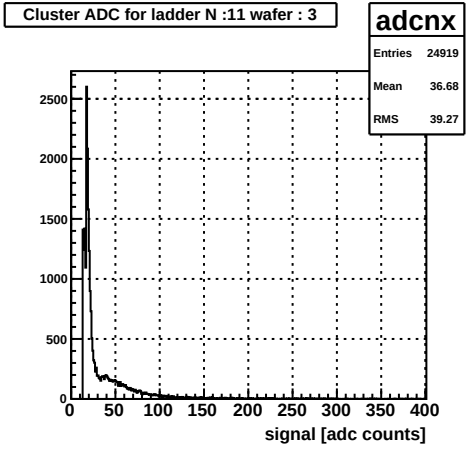

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 14660
Mean 56.26
RMS 52.56
signal [adc counts]

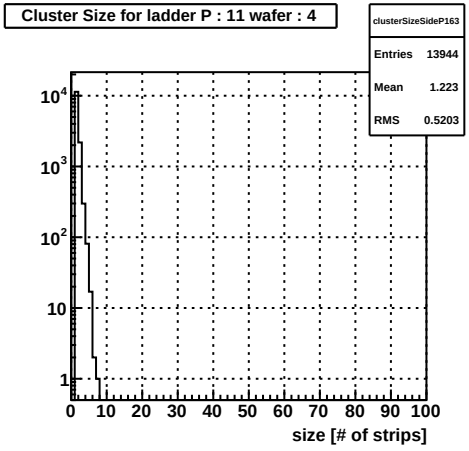

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 9348
Mean 1.219
RMS 0.5319
size [# of strips]

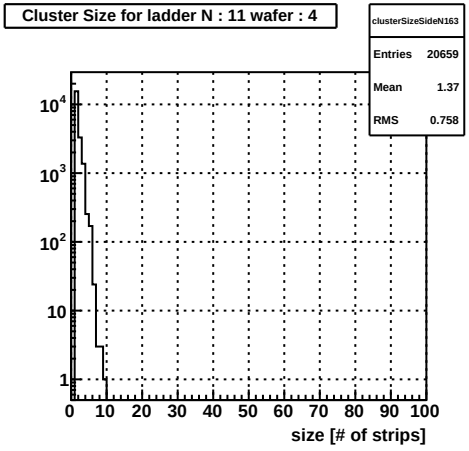

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 24919
Mean 1.215
RMS 0.5626
size [# of strips]

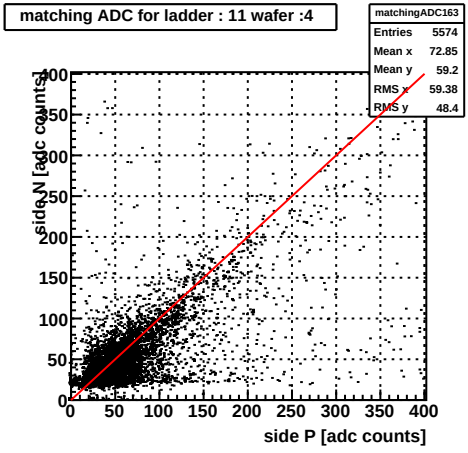

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 7352
Mean x 85.46
Mean y 62.23
RMS x 61.18
RMS y 51.19
side N [adc counts]
side P [adc counts]

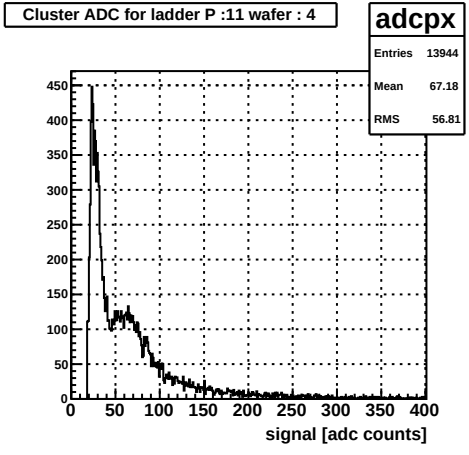

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 9348
Mean 108.3
RMS 65.34
signal [adc counts]

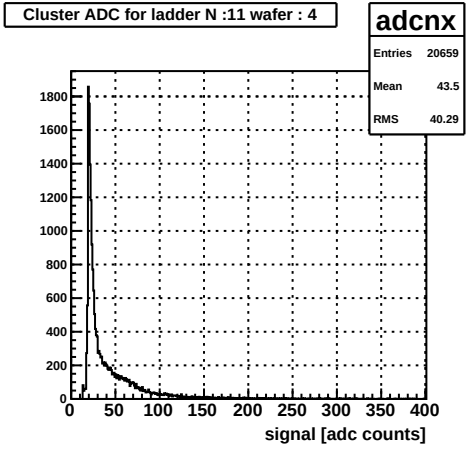

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 24919
Mean 36.68
RMS 39.27
signal [adc counts]

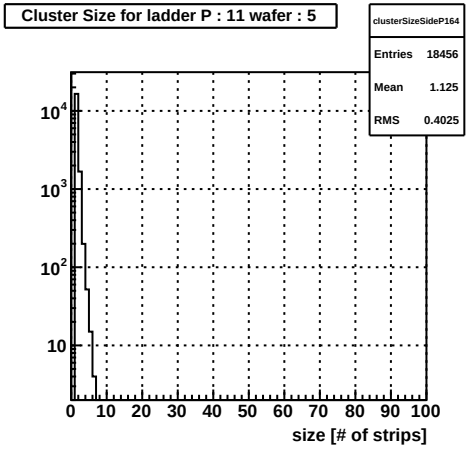

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 13944
Mean 1.223
RMS 0.5203
size [# of strips]

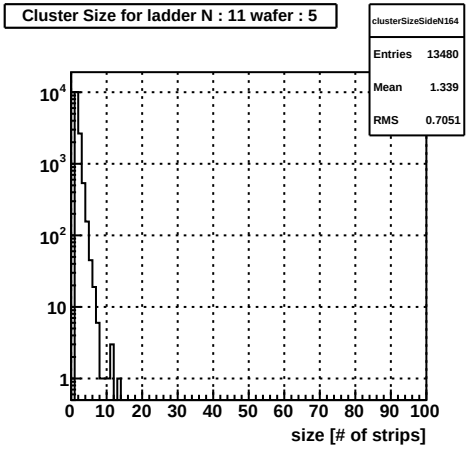

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 20659
Mean 1.37
RMS 0.758
size [# of strips]

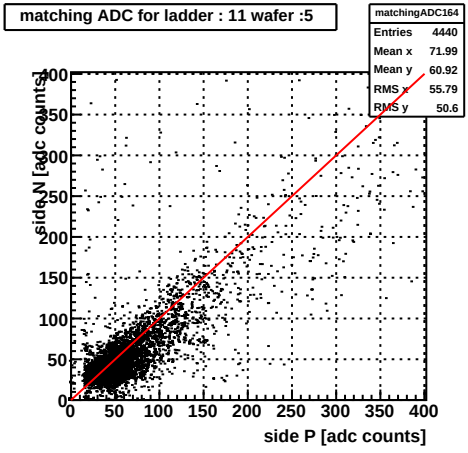

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 5574
Mean x 72.85
Mean y 59.2
RMS x 59.38
RMS y 48.4
side N [adc counts]
side P [adc counts]

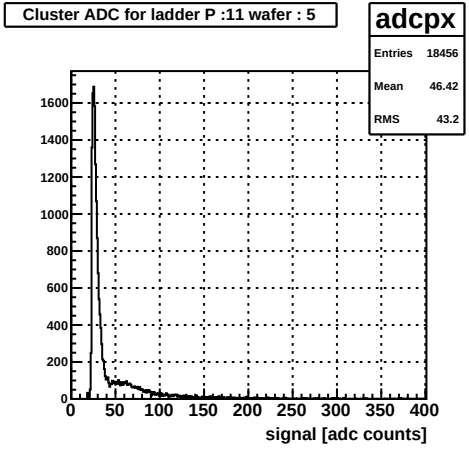

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 13944
Mean 67.18
RMS 56.81
signal [adc counts]

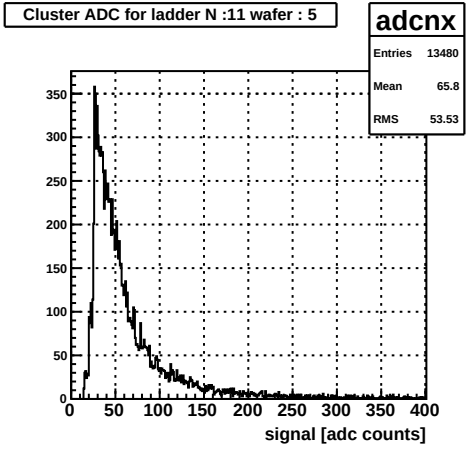

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 20659
Mean 43.5
RMS 40.29
signal [adc counts]

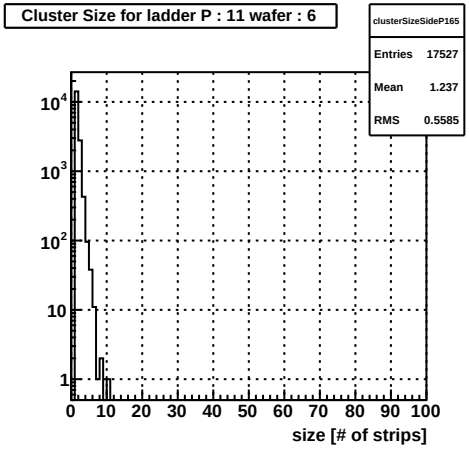

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 18456
Mean 1.125
RMS 0.4025
size [# of strips]

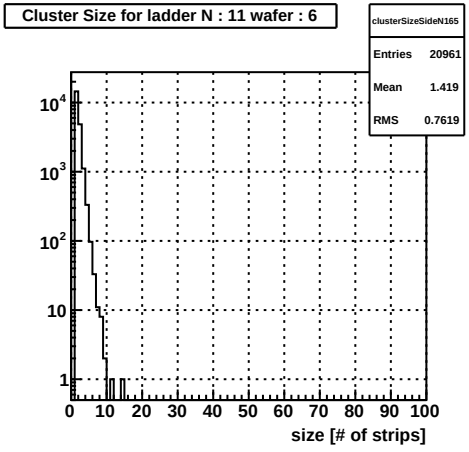

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 13480
Mean 1.339
RMS 0.7051
size [# of strips]

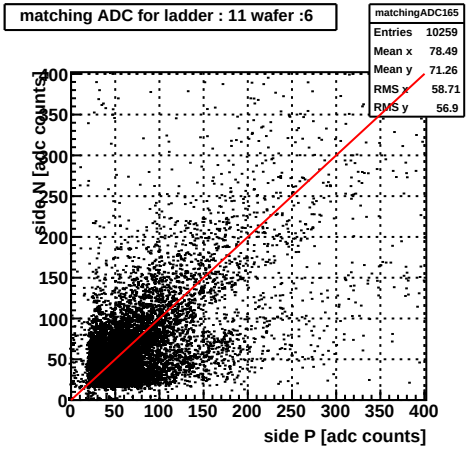

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 4440
Mean x 71.99
Mean y 60.92
RMS x 55.79
RMS y 50.6
side N [adc counts]
side P [adc counts]

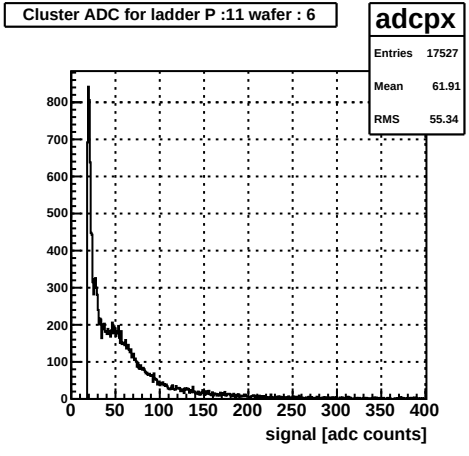

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 18456
Mean 46.42
RMS 43.2
signal [adc counts]

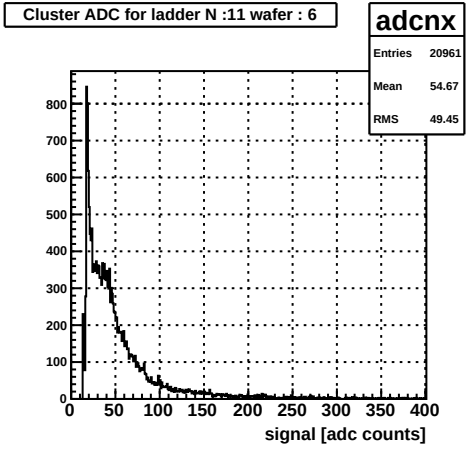

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 13480
Mean 65.8
RMS 53.53
signal [adc counts]

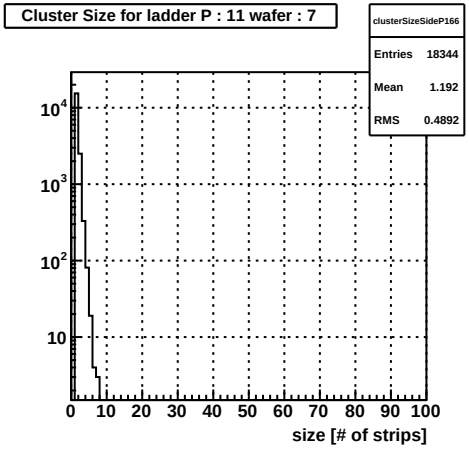

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 17527
Mean 1.237
RMS 0.5585
size [# of strips]

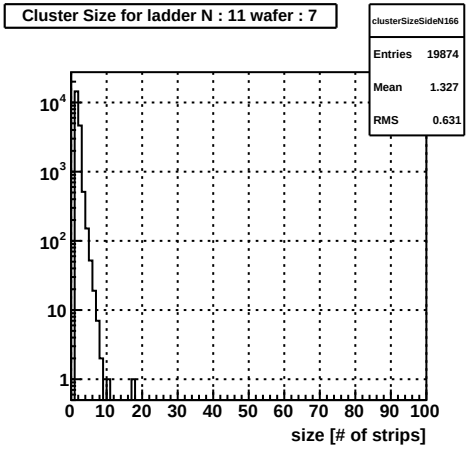

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 20961
Mean 1.419
RMS 0.7619
size [# of strips]

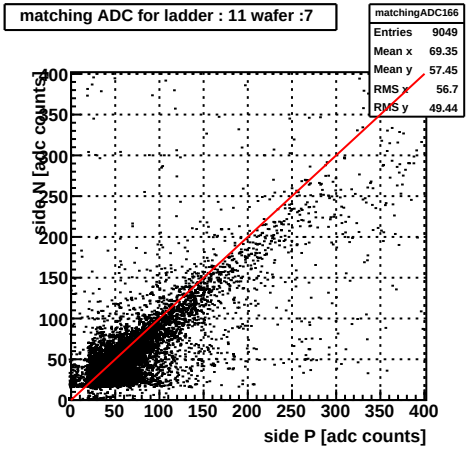

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10259
Mean x 78.49
Mean y 71.26
RMS x 58.71
RMS y 56.9
side N [adc counts]
side P [adc counts]

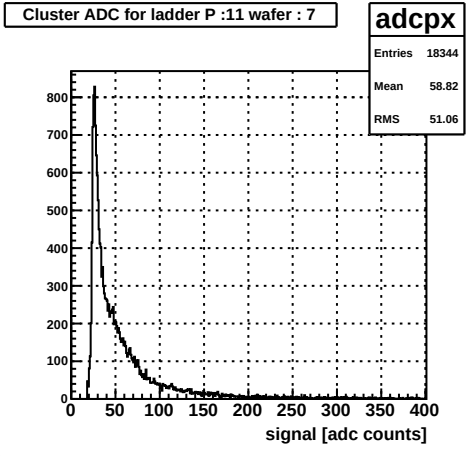

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 17527
Mean 61.91
RMS 55.34
signal [adc counts]

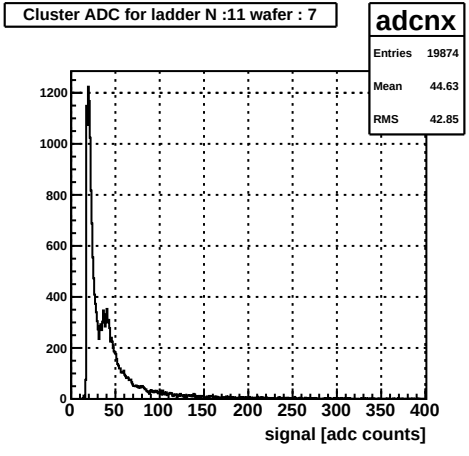

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 20961
Mean 54.67
RMS 49.45
signal [adc counts]

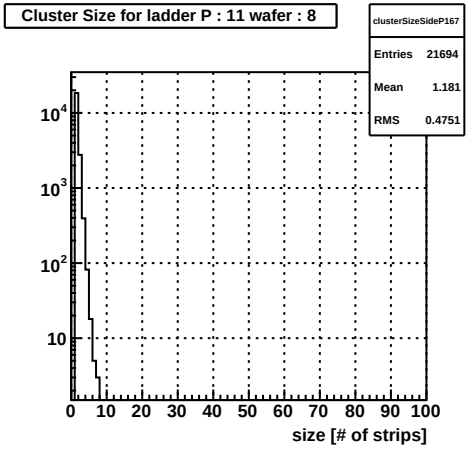

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18344
Mean 1.192
RMS 0.4892
size [# of strips]

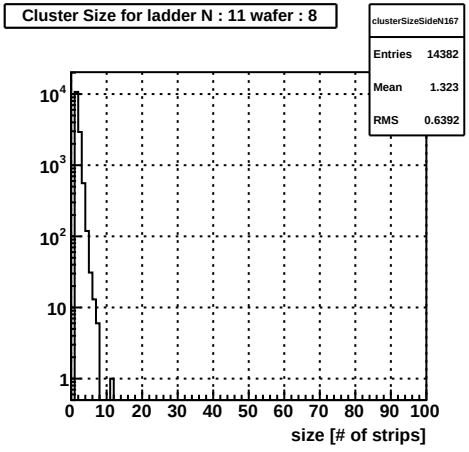

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 19874
Mean 1.327
RMS 0.631
size [# of strips]

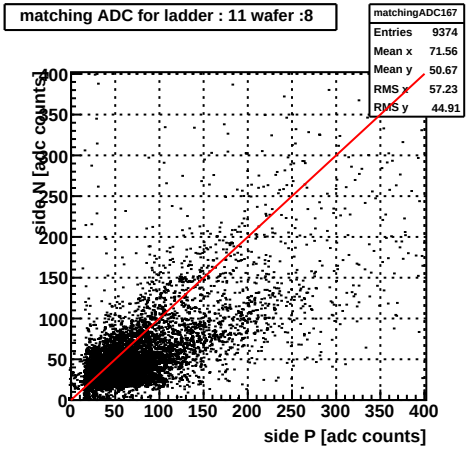

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 9049
Mean x 69.35
Mean y 57.45
RMS x 56.7
RMS y 49.44
side N [adc counts]
side P [adc counts]

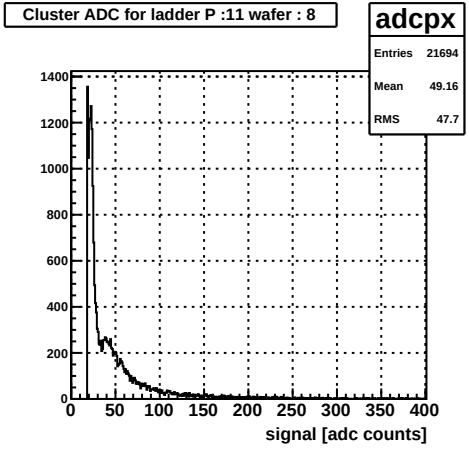

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18344
Mean 58.82
RMS 51.06
signal [adc counts]

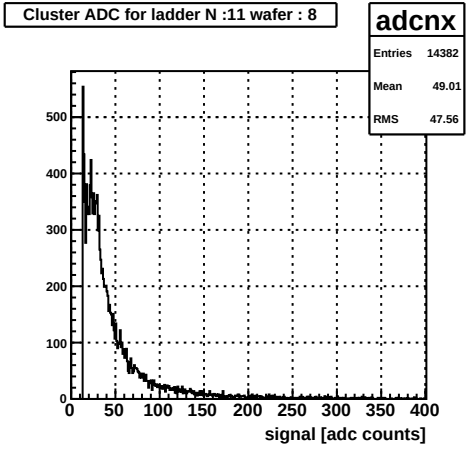

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 19874
Mean 44.63
RMS 42.85
signal [adc counts]

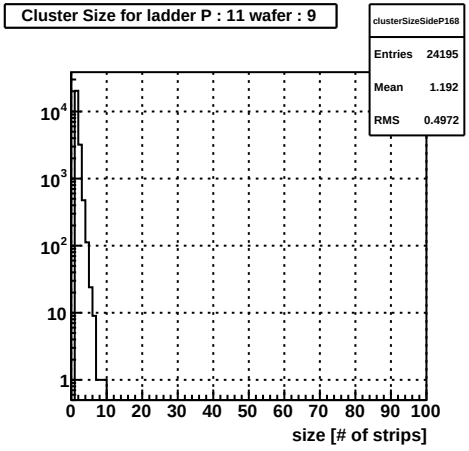

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 21694
Mean 1.181
RMS 0.4751
size [# of strips]

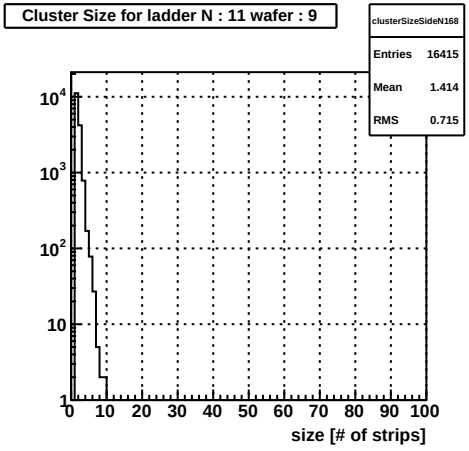

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 14382
Mean 1.323
RMS 0.6392
size [# of strips]

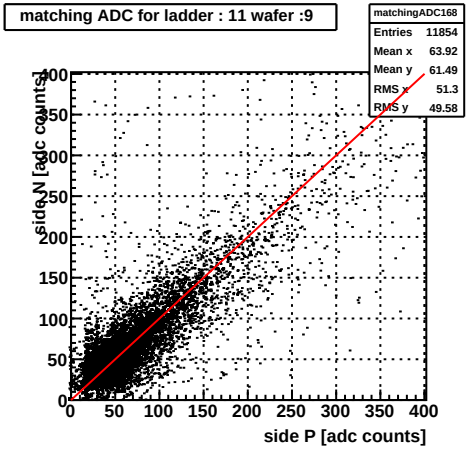

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 9374
Mean x 71.56
Mean y 50.67
RMS x 57.23
RMS y 44.91
side N [adc counts]
side P [adc counts]

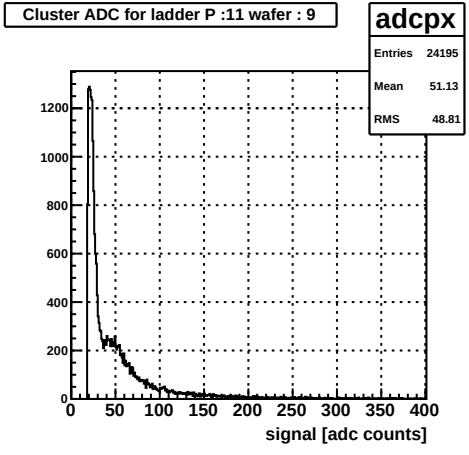

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 21694
Mean 49.16
RMS 47.7
signal [adc counts]

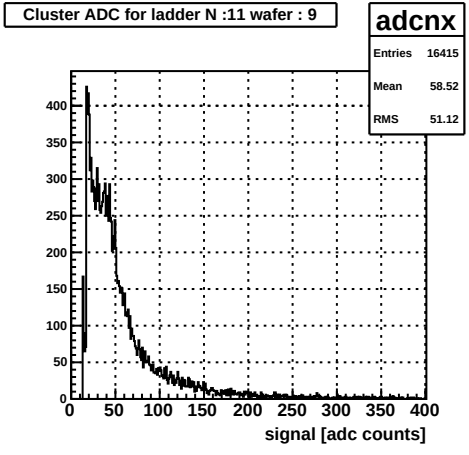

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 14382
Mean 49.01
RMS 47.56
signal [adc counts]

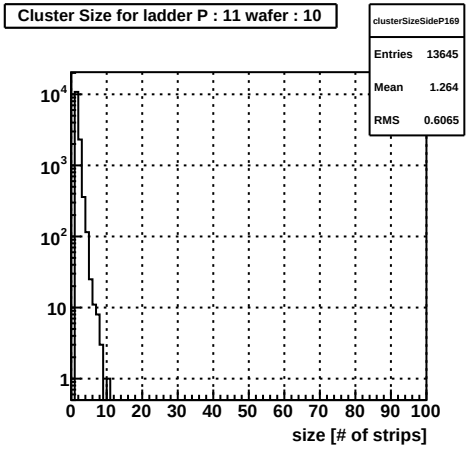

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 24195
Mean 1.192
RMS 0.4972
size [# of strips]

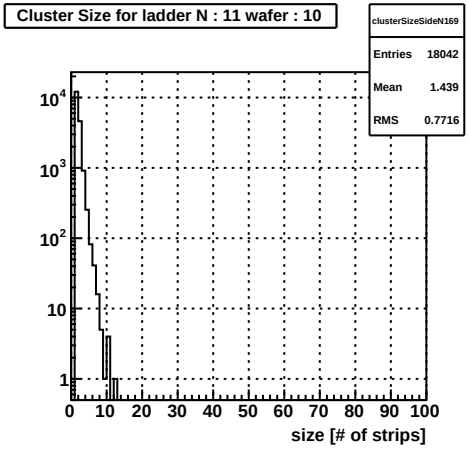

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 16415
Mean 1.414
RMS 0.715
size [# of strips]

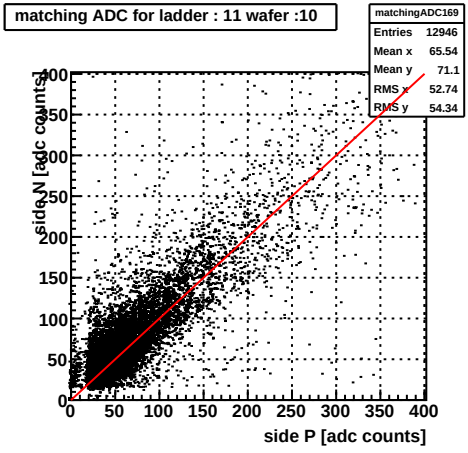

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 11854
Mean x 63.92
Mean y 61.49
RMS x 51.3
RMS y 49.58
side N [adc counts]
side P [adc counts]

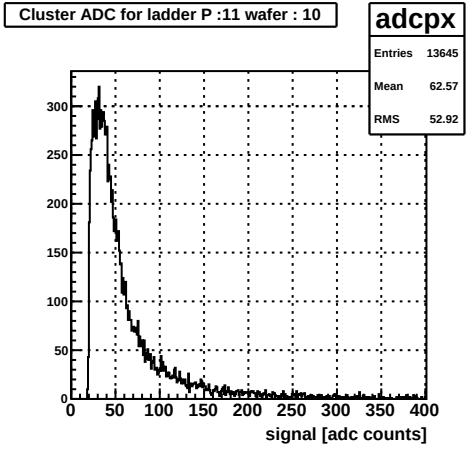

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 24195
Mean 51.13
RMS 48.81
signal [adc counts]

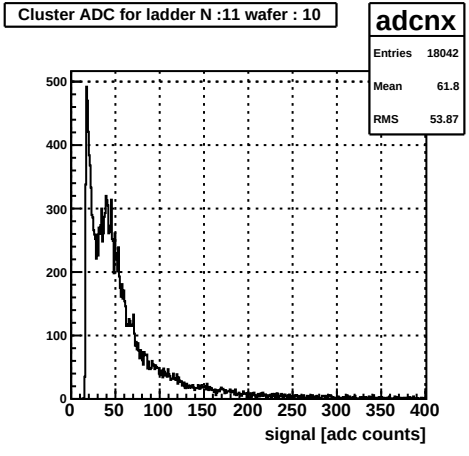

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 16415
Mean 58.52
RMS 51.12
signal [adc counts]

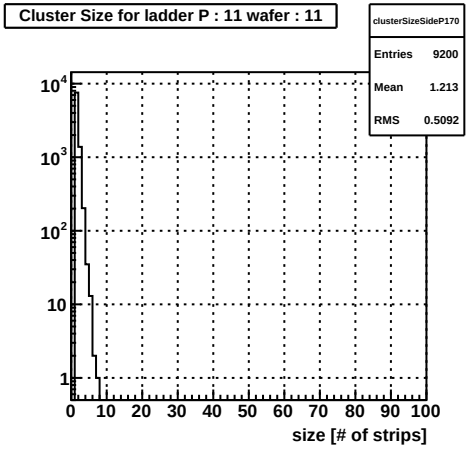

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 13645
Mean 1.264
RMS 0.6065
size [# of strips]

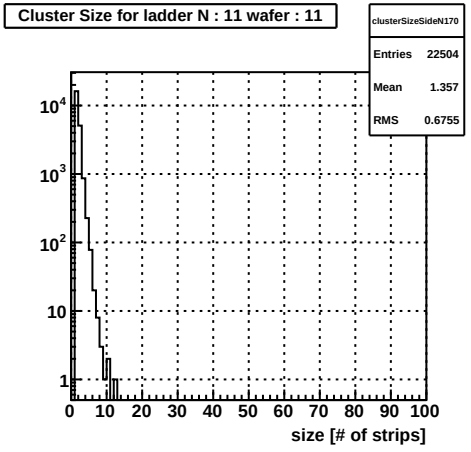

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 18042
Mean 1.439
RMS 0.7716
size [# of strips]

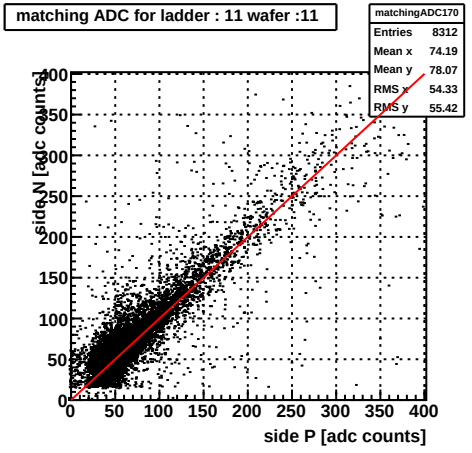

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 12946
Mean x 65.54
Mean y 71.1
RMS x 52.74
RMS y 54.34
side N [adc counts]
side P [adc counts]

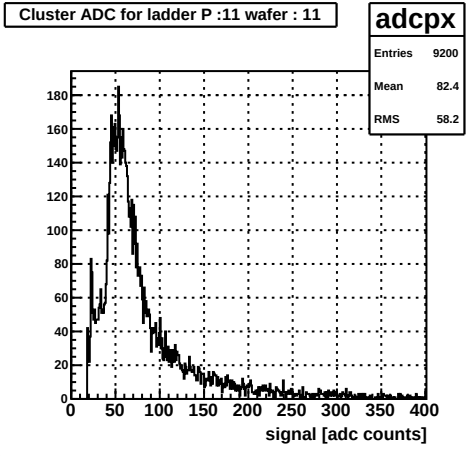

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 13645
Mean 62.57
RMS 52.92
signal [adc counts]

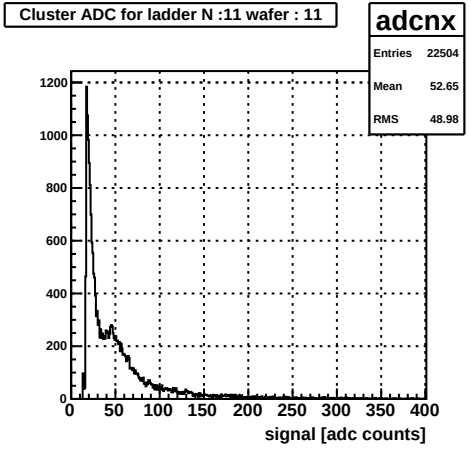

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 18042
Mean 61.8
RMS 53.87
signal [adc counts]

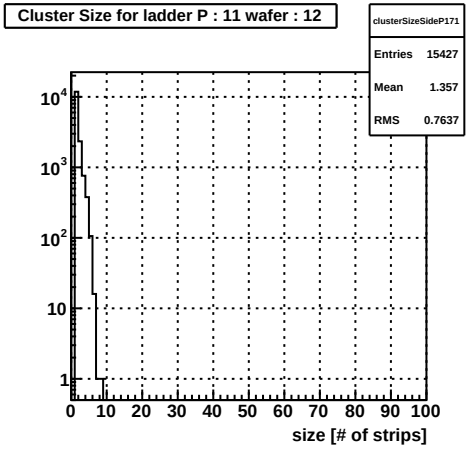

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9200
Mean 1.213
RMS 0.5092
size [# of strips]

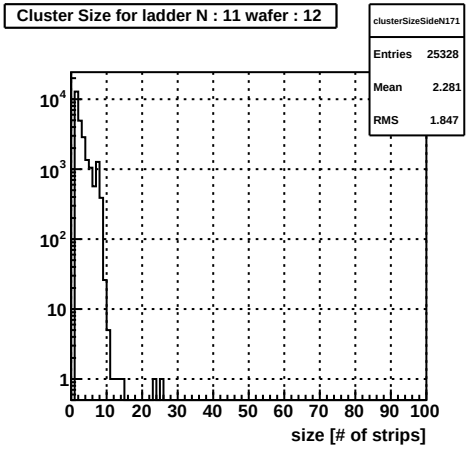

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 22504
Mean 1.357
RMS 0.6755
size [# of strips]

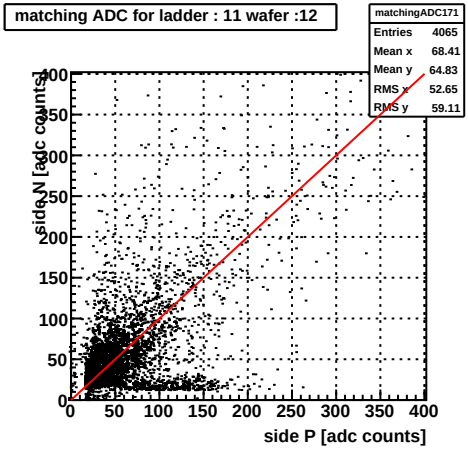

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8312
Mean x 74.19
Mean y 78.07
RMS x 54.33
RMS y 55.42
side N [adc counts]
side P [adc counts]

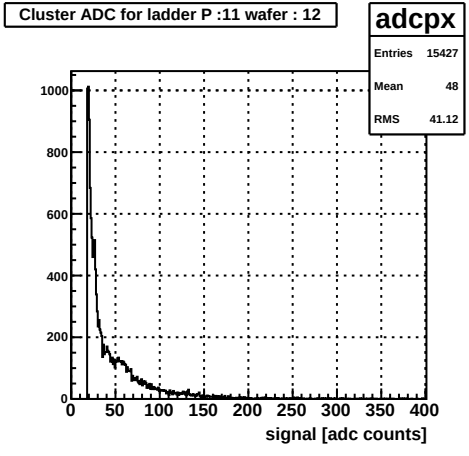

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9200
Mean 82.4
RMS 58.2
signal [adc counts]

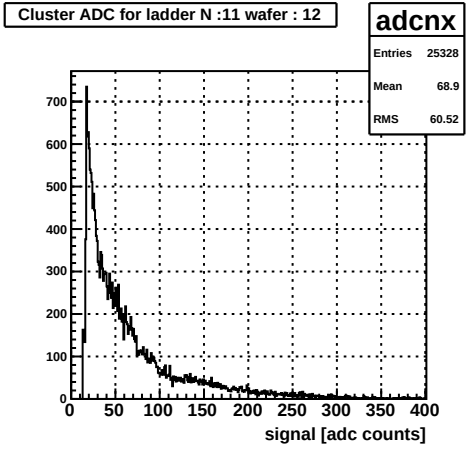

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 22504
Mean 52.65
RMS 48.98
signal [adc counts]

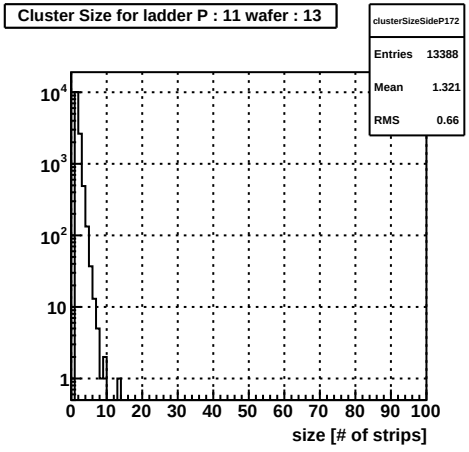

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 15427
Mean 1.357
RMS 0.7637
size [# of strips]

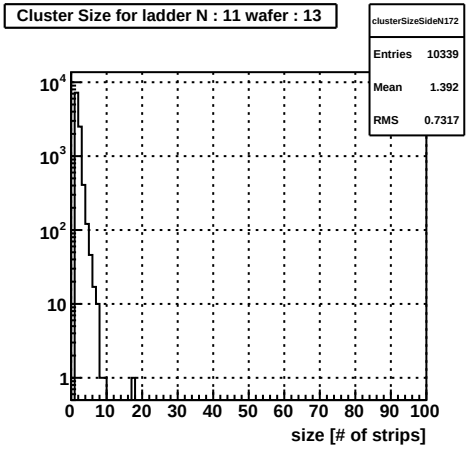

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 25328
Mean 2.281
RMS 1.847
size [# of strips]

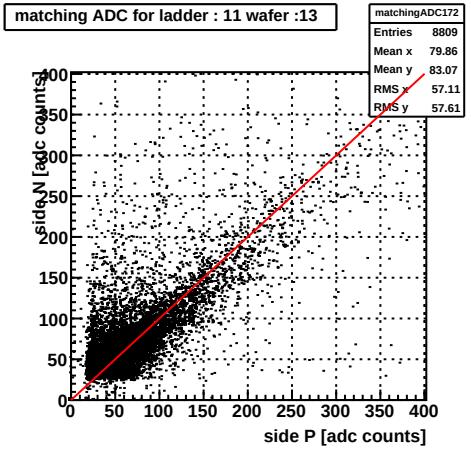

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 4065
Mean x 68.41
Mean y 64.83
RMS x 52.65
RMS y 59.11
side N [adc counts]
side P [adc counts]

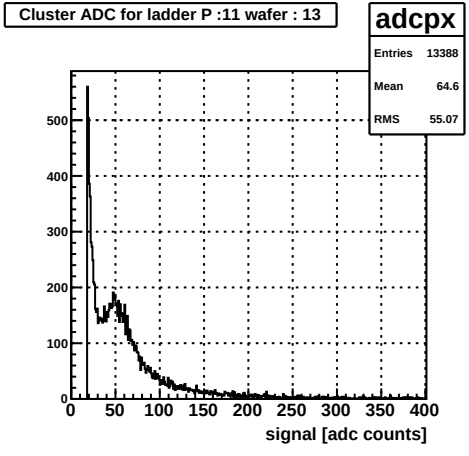

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 15427
Mean 48
RMS 41.12
signal [adc counts]

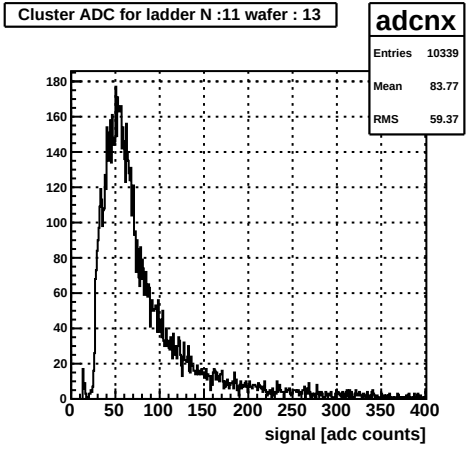

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 25328
Mean 68.9
RMS 60.52
signal [adc counts]

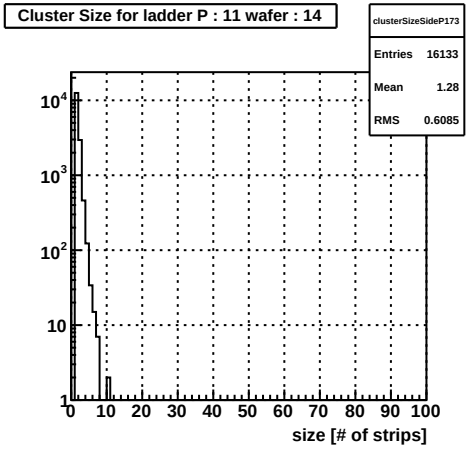

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 13388
Mean 1.321
RMS 0.66
size [# of strips]

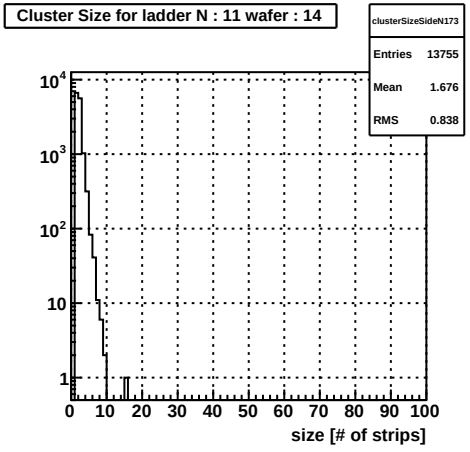

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10339
Mean 1.392
RMS 0.7317
size [# of strips]

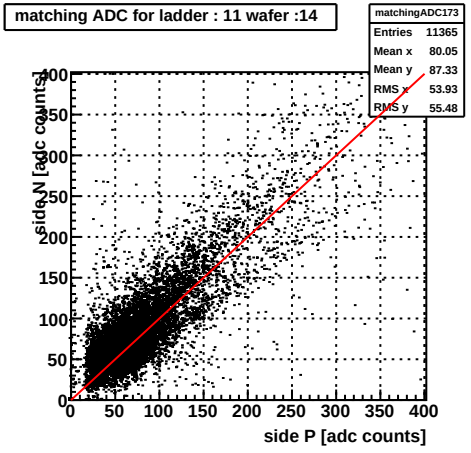

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8809
Mean x 79.86
Mean y 83.07
RMS x 57.11
RMS y 57.61
side N [adc counts]
side P [adc counts]

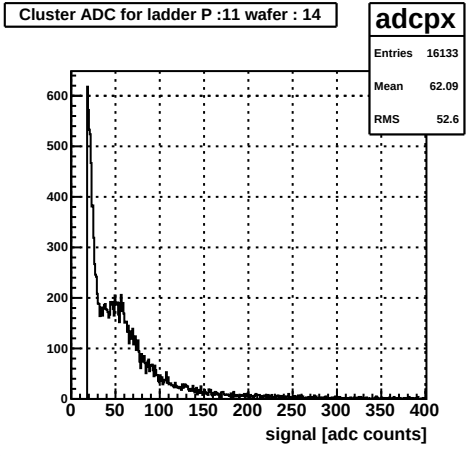

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 13388
Mean 64.6
RMS 55.07
signal [adc counts]

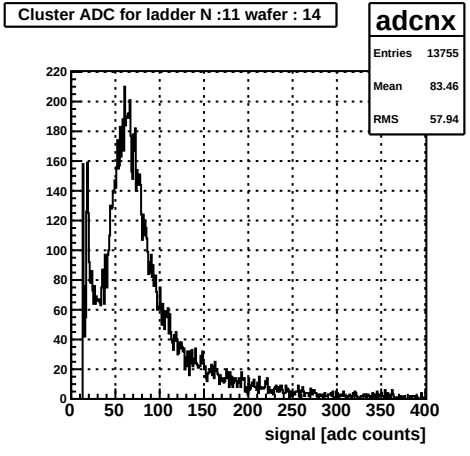

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10339
Mean 83.77
RMS 59.37
signal [adc counts]

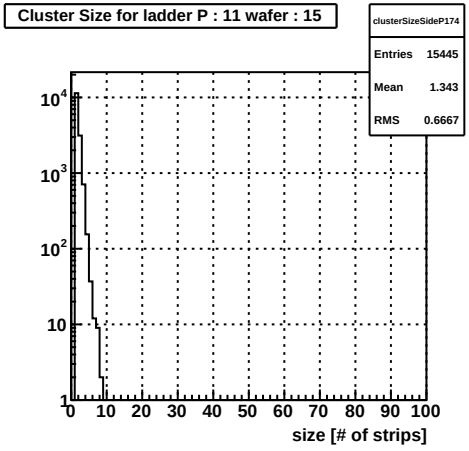

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 16133
Mean 1.28
RMS 0.6085
size [# of strips]

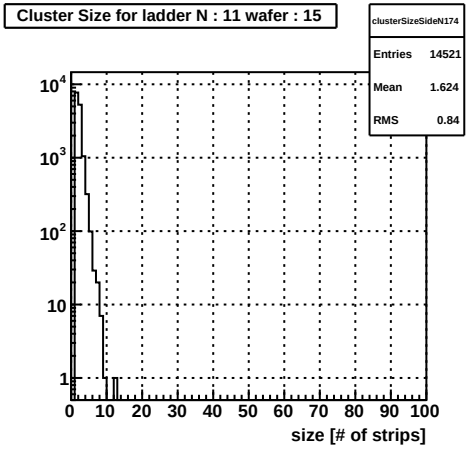

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 13755
Mean 1.676
RMS 0.838
size [# of strips]

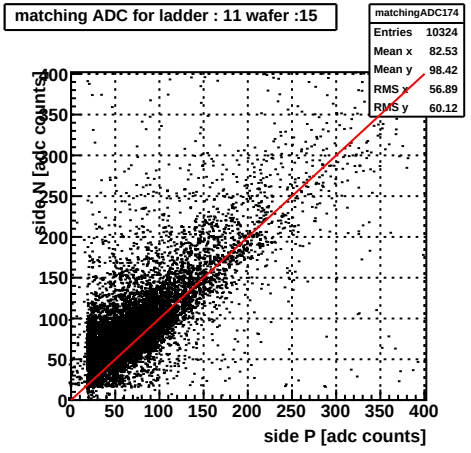

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 11365
Mean x 80.05
Mean y 87.33
RMS x 53.93
RMS y 55.48
side N [adc counts]
side P [adc counts]

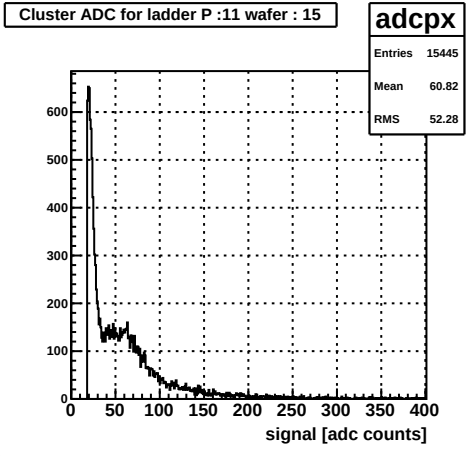

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 16133
Mean 62.09
RMS 52.6
signal [adc counts]

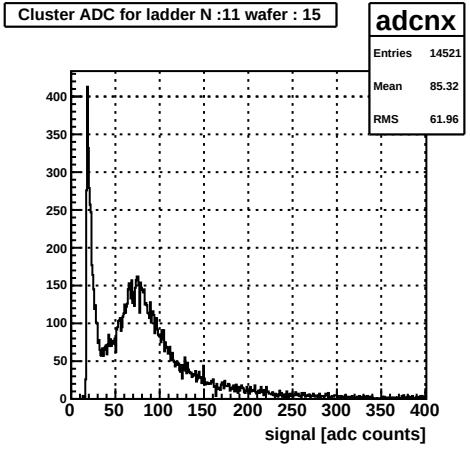

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 13755
Mean 83.46
RMS 57.94
signal [adc counts]

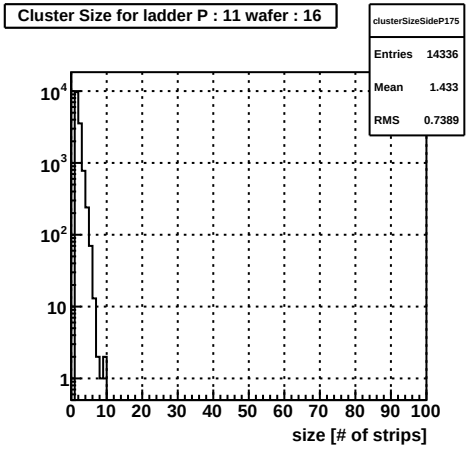

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 15445
Mean 1.343
RMS 0.6667
size [# of strips]

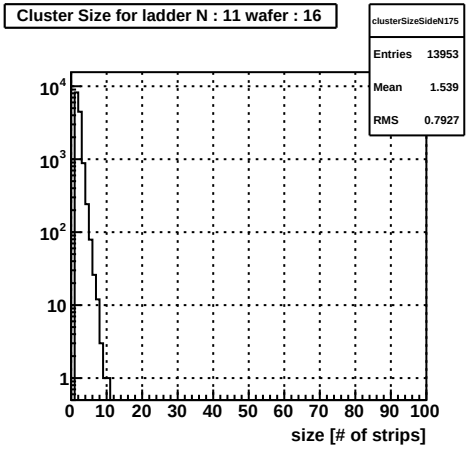

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 14521
Mean 1.624
RMS 0.84
size [# of strips]

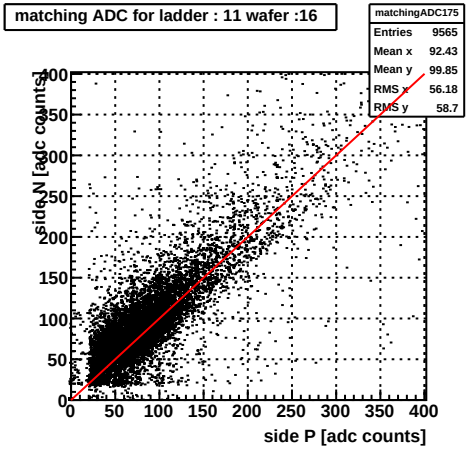

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 10324
Mean x 82.53
Mean y 98.42
RMS x 56.89
RMS y 60.12
side N [adc counts]
side P [adc counts]

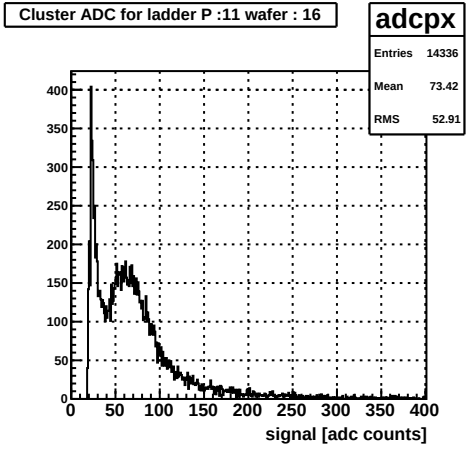

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 15445
Mean 60.82
RMS 52.28
signal [adc counts]

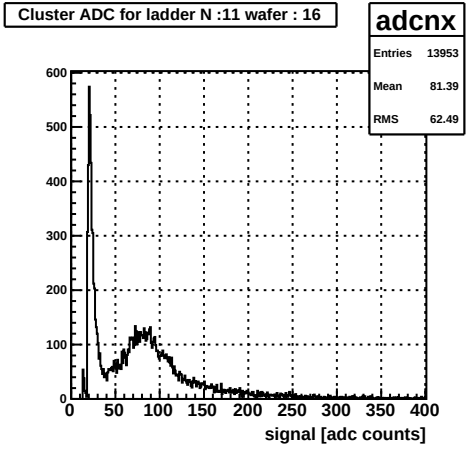

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 14521
Mean 85.32
RMS 61.96
signal [adc counts]

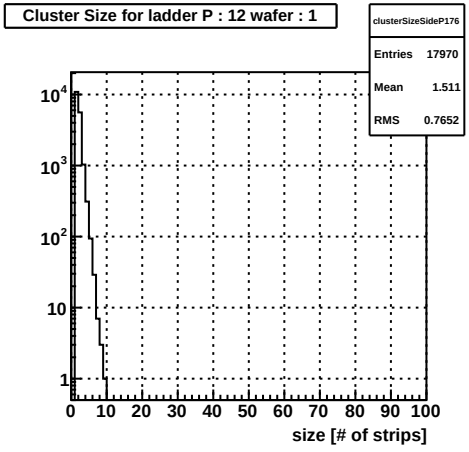

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14336
Mean 1.433
RMS 0.7389
size [# of strips]

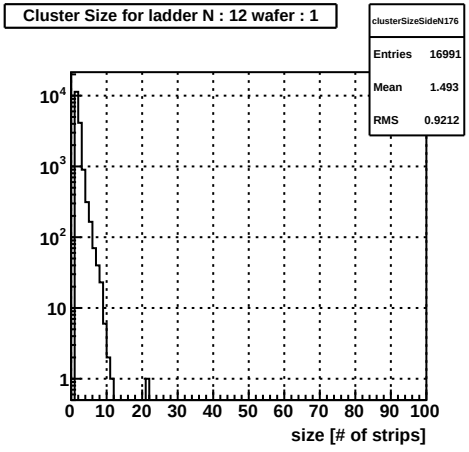

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 13953
Mean 1.539
RMS 0.7927
size [# of strips]

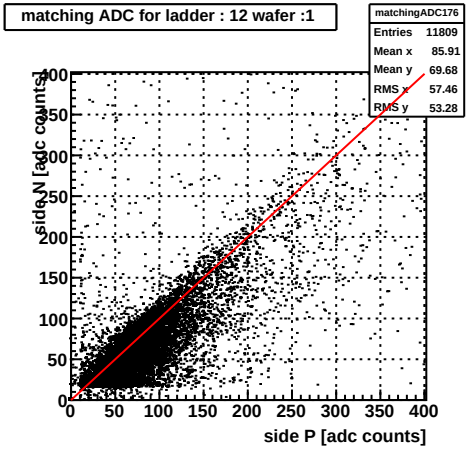

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 9565
Mean x 92.43
Mean y 99.85
RMS x 56.18
RMS y 58.7
side N [adc counts]
side P [adc counts]

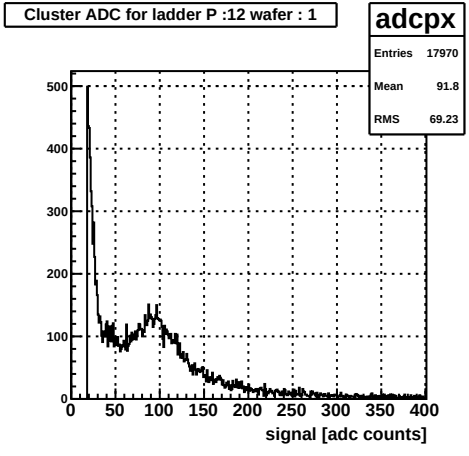

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14336
Mean 73.42
RMS 52.91
signal [adc counts]

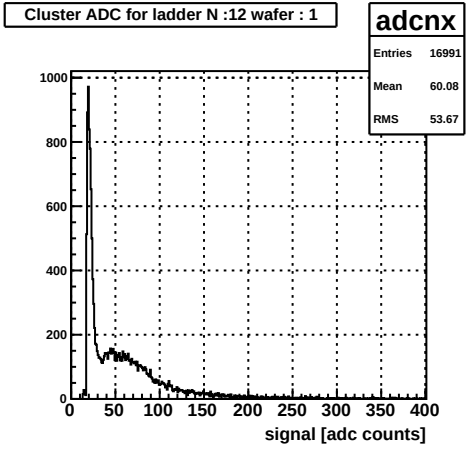

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 13953
Mean 81.39
RMS 62.49
signal [adc counts]

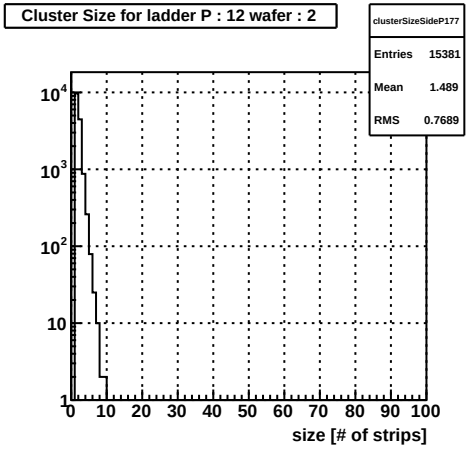

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 17970
Mean 1.511
RMS 0.7652
size [# of strips]

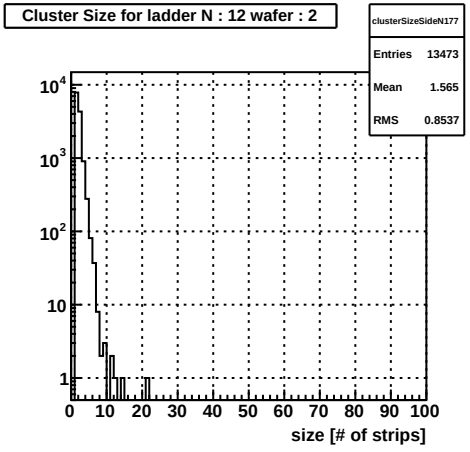

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 16991
Mean 1.493
RMS 0.9212
size [# of strips]

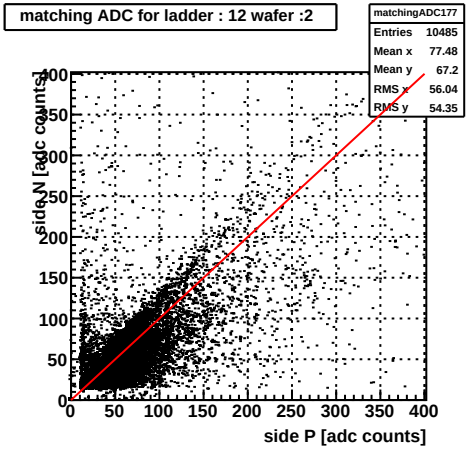

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 11809
Mean x 85.91
Mean y 69.68
RMS x 57.46
RMS y 53.28
side N [adc counts]
side P [adc counts]

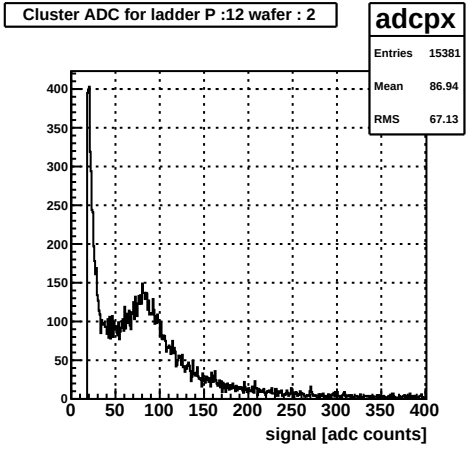

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 17970
Mean 91.8
RMS 69.23
signal [adc counts]

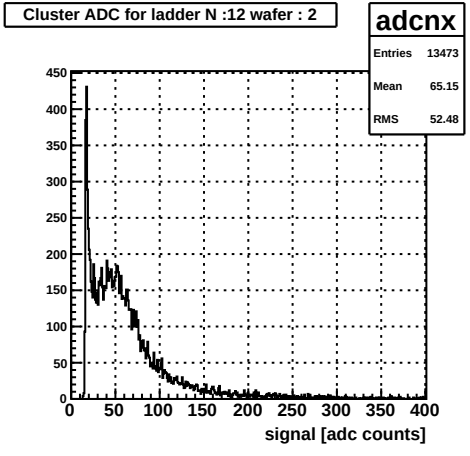

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 16991
Mean 60.08
RMS 53.67
signal [adc counts]

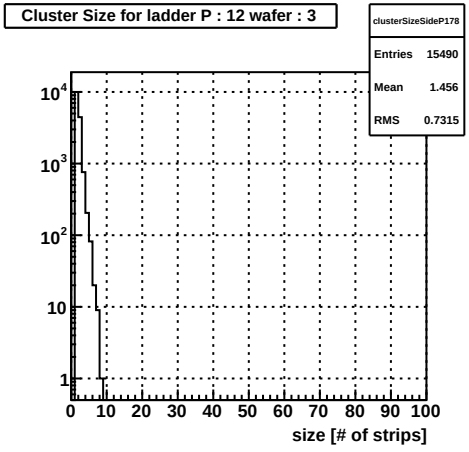

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15381
Mean 1.489
RMS 0.7689
size [# of strips]

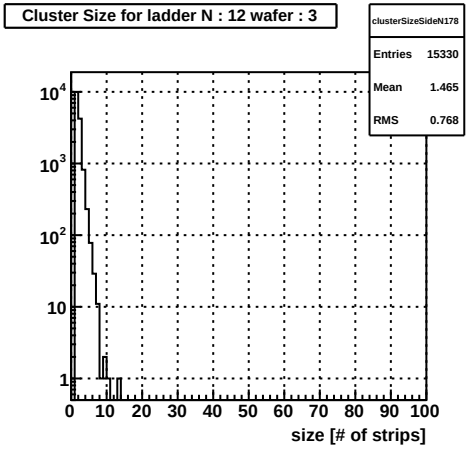

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 13473
Mean 1.565
RMS 0.8537
size [# of strips]

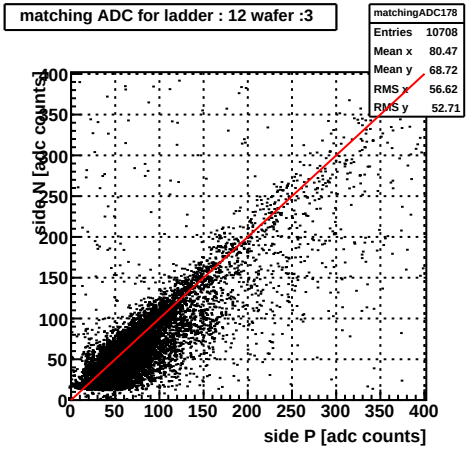

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10485
Mean x 77.48
Mean y 67.2
RMS x 56.04
RMS y 54.35
side N [adc counts]
side P [adc counts]

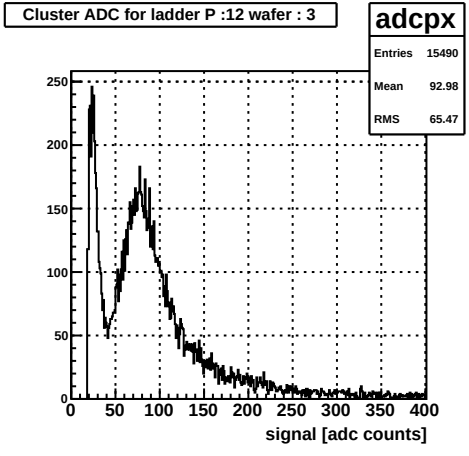

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15381
Mean 86.94
RMS 67.13
signal [adc counts]

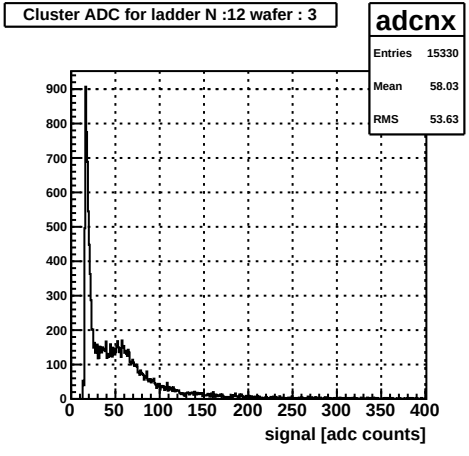

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 13473
Mean 65.15
RMS 52.48
signal [adc counts]

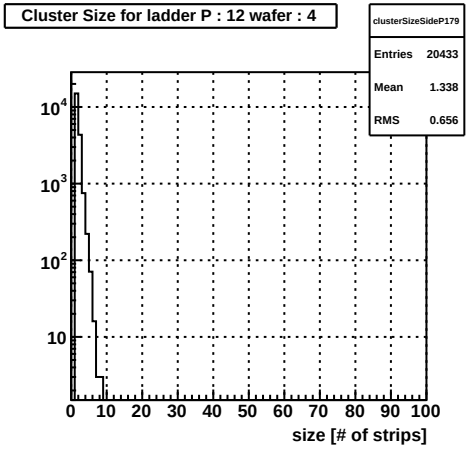

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15490
Mean 1.456
RMS 0.7315
size [# of strips]

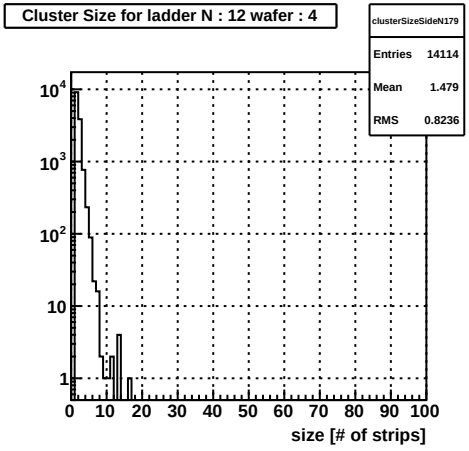

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 15330
Mean 1.465
RMS 0.768
size [# of strips]

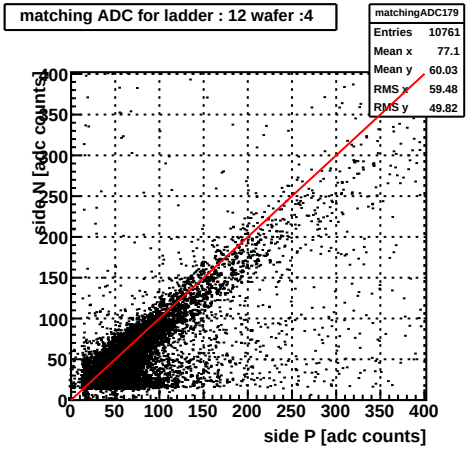

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10708
Mean x 80.47
Mean y 68.72
RMS x 56.62
RMS y 52.71
side N [adc counts]
side P [adc counts]

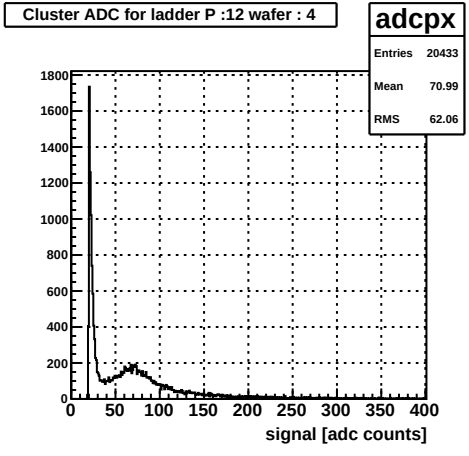

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15490
Mean 92.98
RMS 65.47
signal [adc counts]

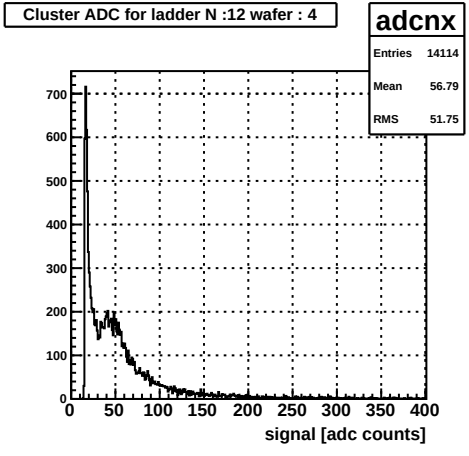

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 15330
Mean 58.03
RMS 53.63
signal [adc counts]

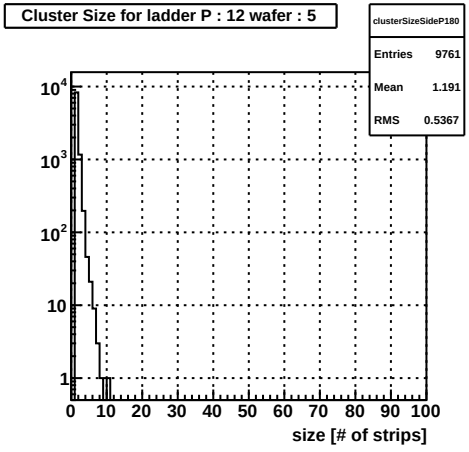

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 20433
Mean 1.338
RMS 0.656
size [# of strips]

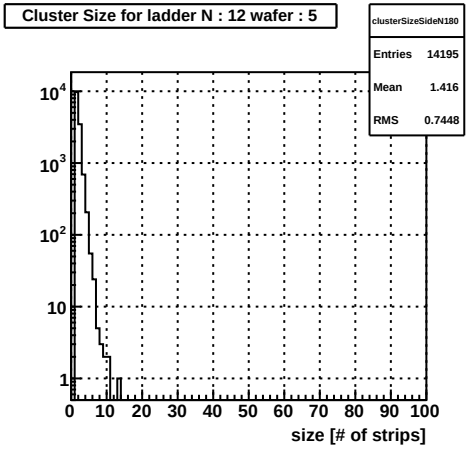

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 14114
Mean 1.479
RMS 0.8236
size [# of strips]

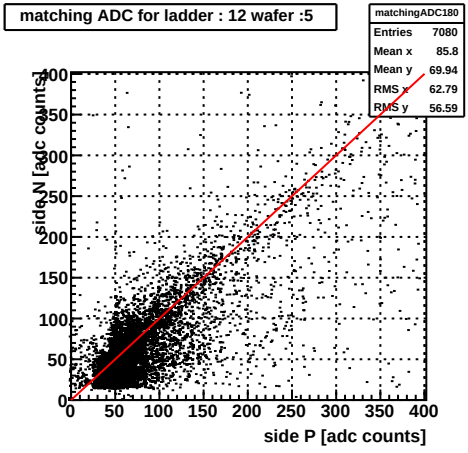

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 10761
Mean x 77.1
Mean y 60.03
RMS x 59.48
RMS y 49.82
side N [adc counts]
side P [adc counts]

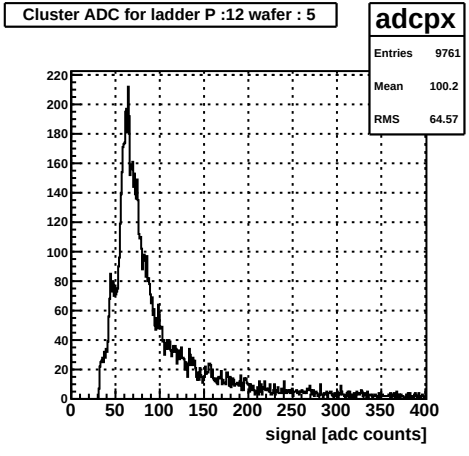

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 20433
Mean 70.99
RMS 62.06
signal [adc counts]

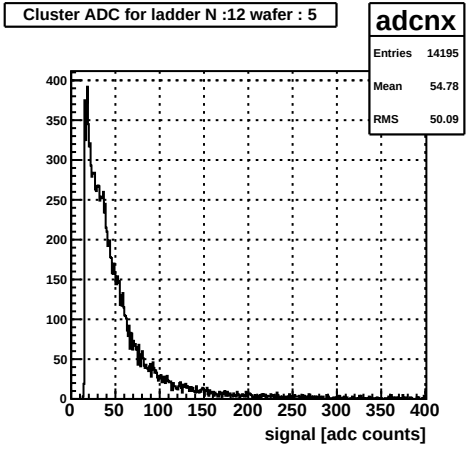

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 14114
Mean 56.79
RMS 51.75
signal [adc counts]

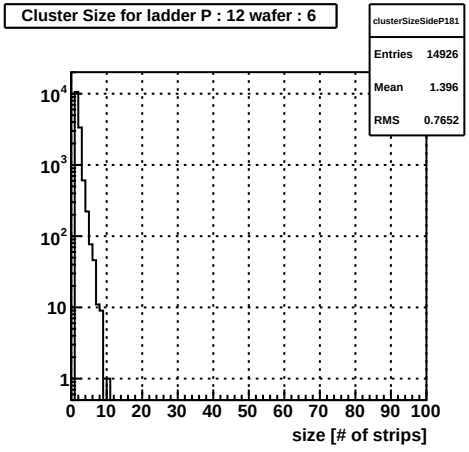

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 9761
Mean 1.191
RMS 0.5367
size [# of strips]

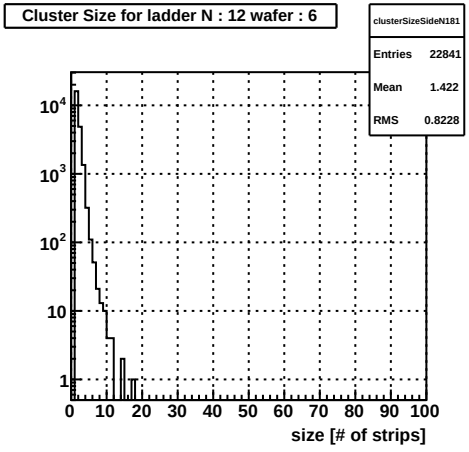

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14195
Mean 1.416
RMS 0.7448
size [# of strips]

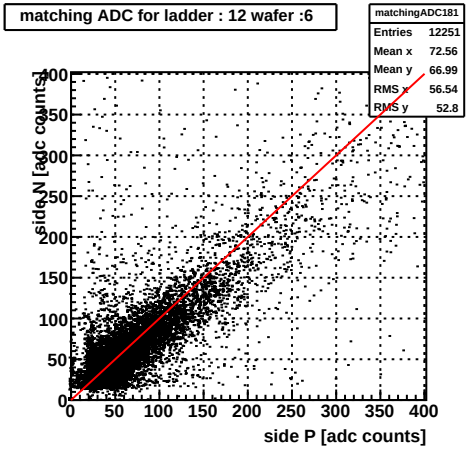

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 7080
Mean x 85.8
Mean y 69.94
RMS x 62.79
RMS y 56.59
side N [adc counts]
side P [adc counts]

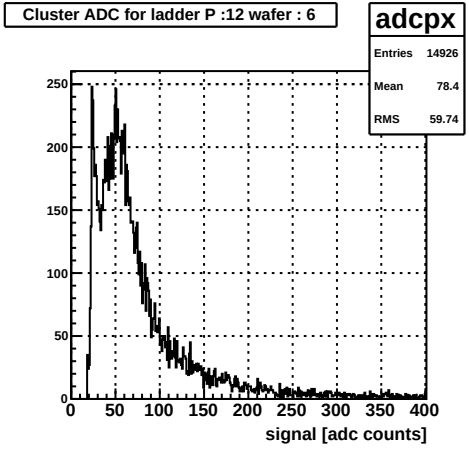

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 9761
Mean 100.2
RMS 64.57
signal [adc counts]

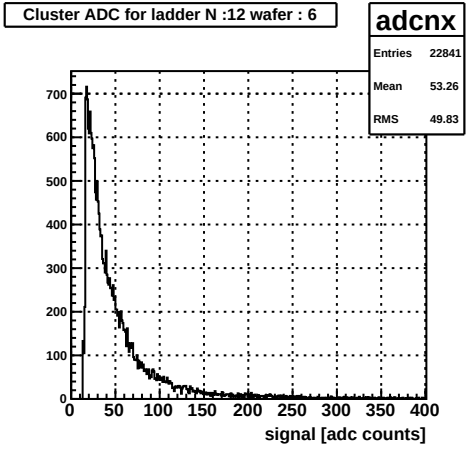

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14195
Mean 54.78
RMS 50.09
signal [adc counts]

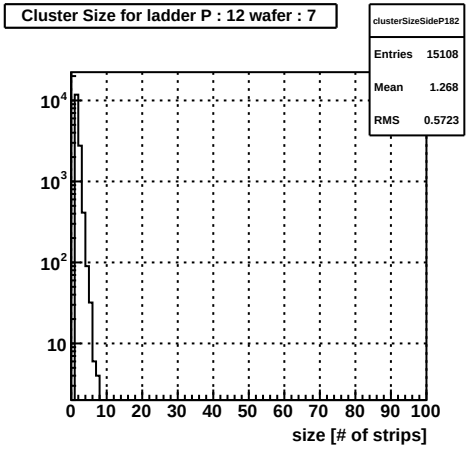

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 14926
Mean 1.396
RMS 0.7652
size [# of strips]

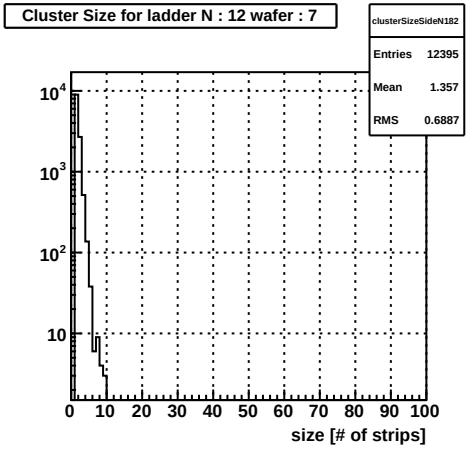

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 22841
Mean 1.422
RMS 0.8228
size [# of strips]

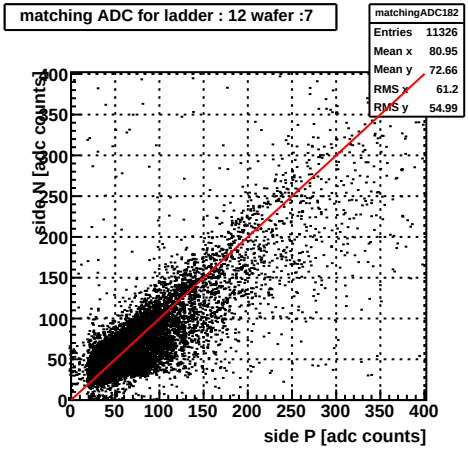

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 12251
Mean x 72.56
Mean y 66.99
RMS x 56.54
RMS y 52.8
side N [adc counts]
side P [adc counts]

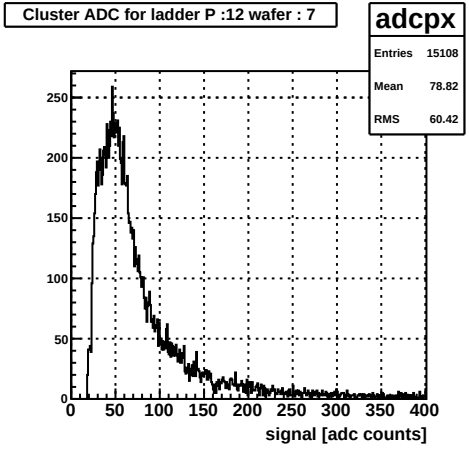

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 14926
Mean 78.4
RMS 59.74
signal [adc counts]

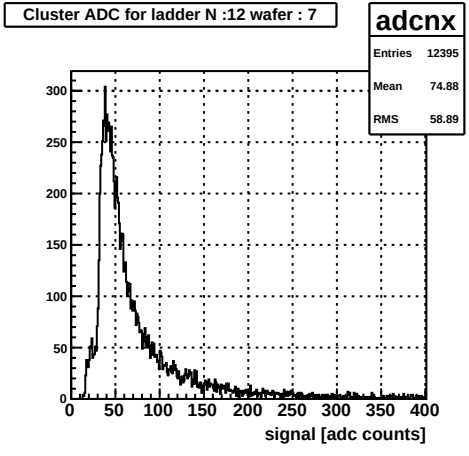

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 22841
Mean 53.26
RMS 49.83
signal [adc counts]

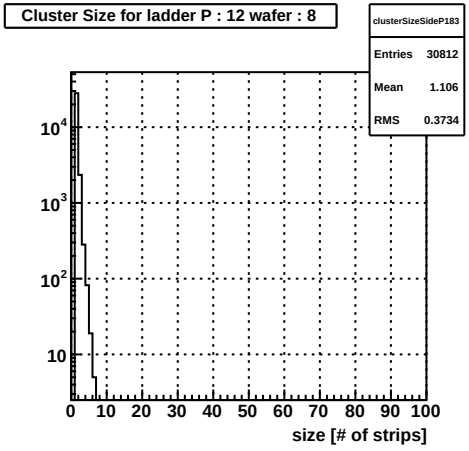

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 15108
Mean 1.268
RMS 0.5723
size [# of strips]

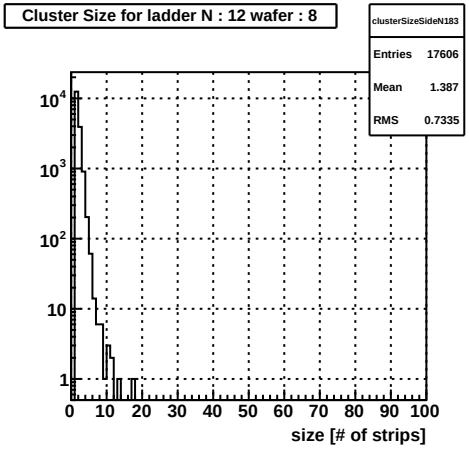

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 12395
Mean 1.357
RMS 0.6887
size [# of strips]

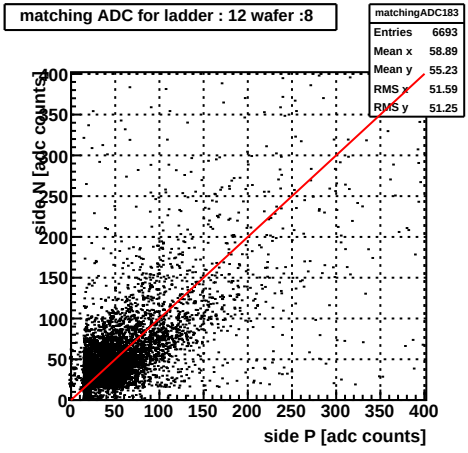

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 11326
Mean x 80.95
Mean y 72.66
RMS x 61.2
RMS y 54.99
side N [adc counts]
side P [adc counts]

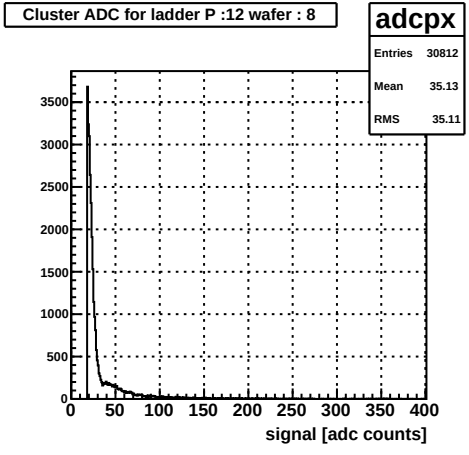

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 15108
Mean 78.82
RMS 60.42
signal [adc counts]

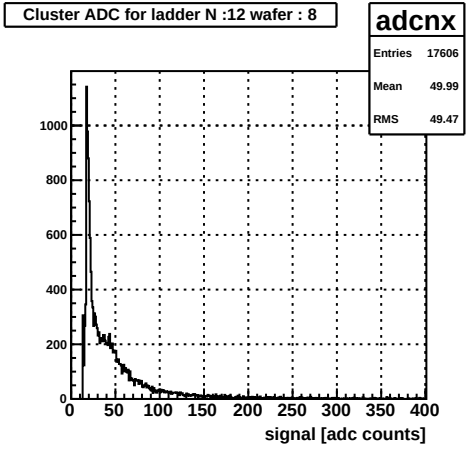

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 12395
Mean 74.88
RMS 58.89
signal [adc counts]

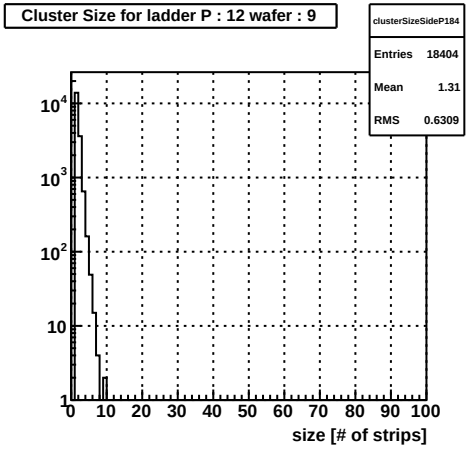

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 30812
Mean 1.106
RMS 0.3734
size [# of strips]

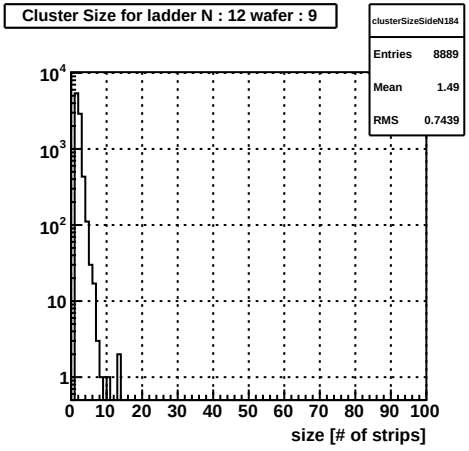

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 17606
Mean 1.387
RMS 0.7335
size [# of strips]

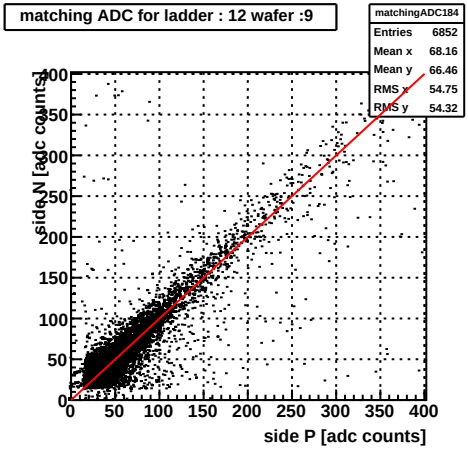

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6693
Mean x 58.89
Mean y 55.23
RMS x 51.59
RMS y 51.25
side N [adc counts]
side P [adc counts]

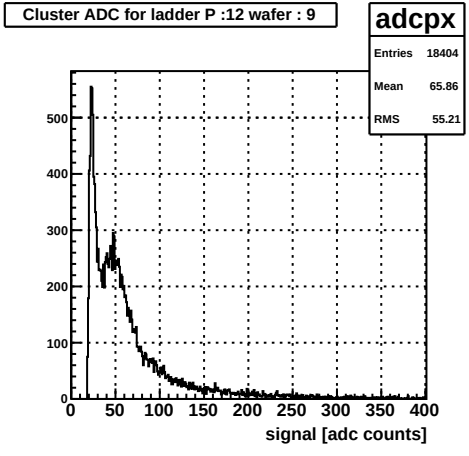

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 30812
Mean 35.13
RMS 35.11
signal [adc counts]

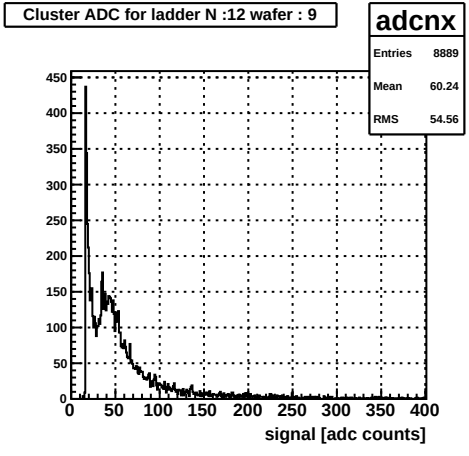

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 17606
Mean 49.99
RMS 49.47
signal [adc counts]

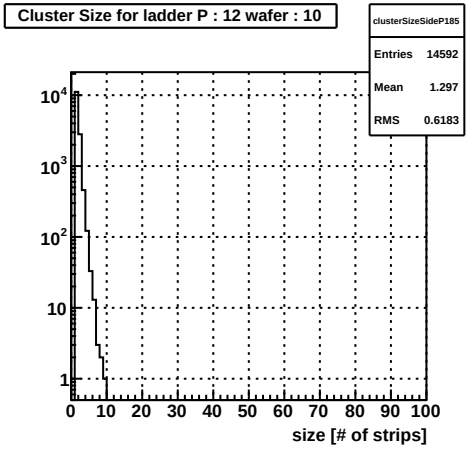

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 18404
Mean 1.31
RMS 0.6309
size [# of strips]

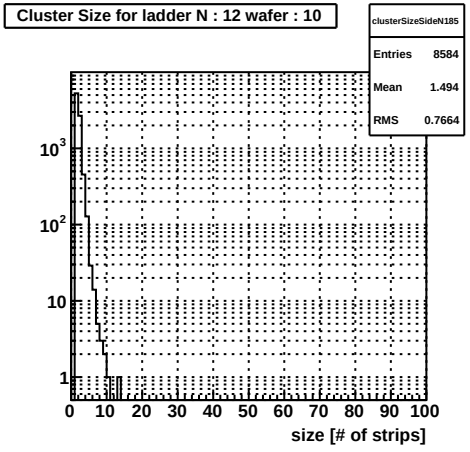

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8889
Mean 1.49
RMS 0.7439
size [# of strips]

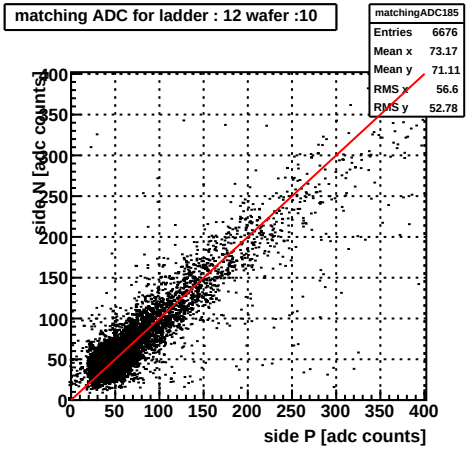

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6852
Mean x 68.16
Mean y 66.46
RMS x 54.75
RMS y 54.32
side N [adc counts]
side P [adc counts]

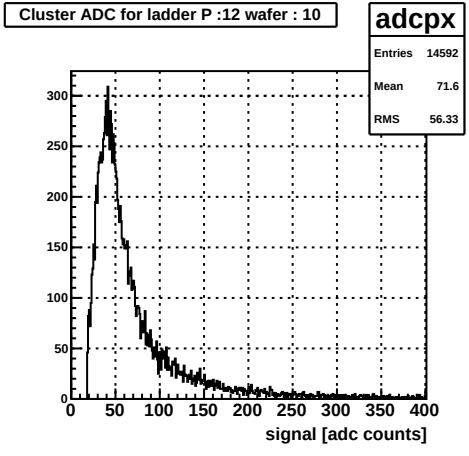

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 18404
Mean 65.86
RMS 55.21
signal [adc counts]

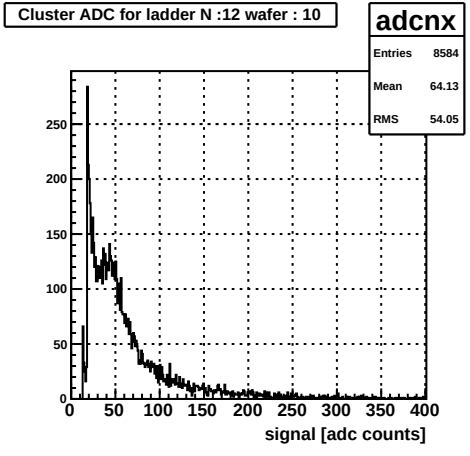

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8889
Mean 60.24
RMS 54.56
signal [adc counts]

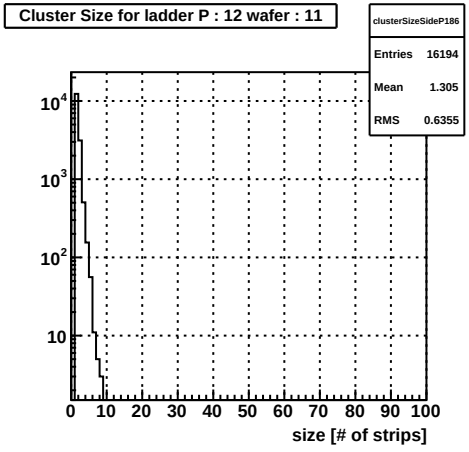

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14592
Mean 1.297
RMS 0.6183
size [# of strips]

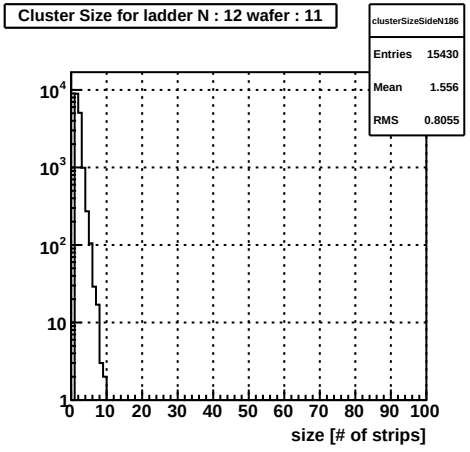

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 8584
Mean 1.494
RMS 0.7664
size [# of strips]

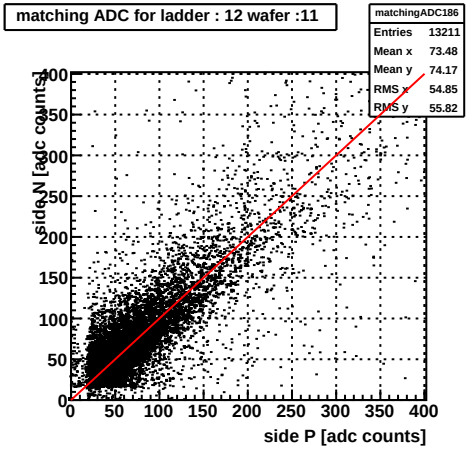

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6676
Mean x 73.17
Mean y 71.11
RMS x 56.6
RMS y 52.78
side N [adc counts]
side P [adc counts]

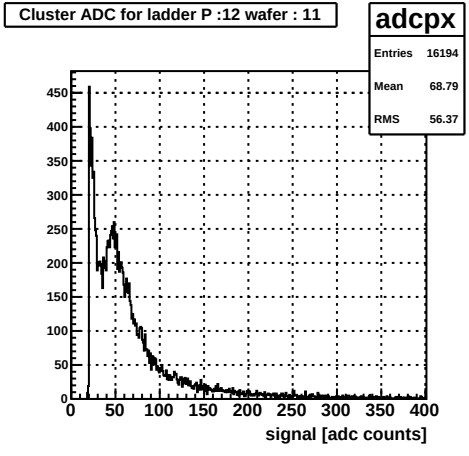

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14592
Mean 71.6
RMS 56.33
signal [adc counts]

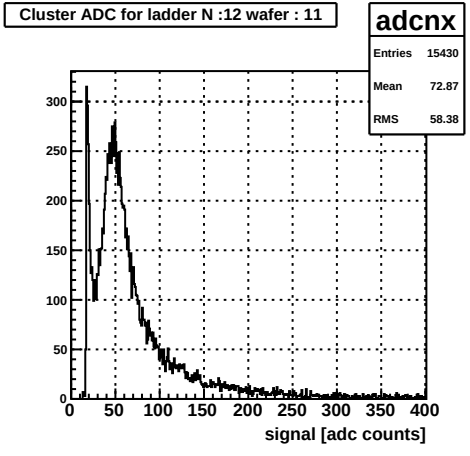

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 8584
Mean 64.13
RMS 54.05
signal [adc counts]

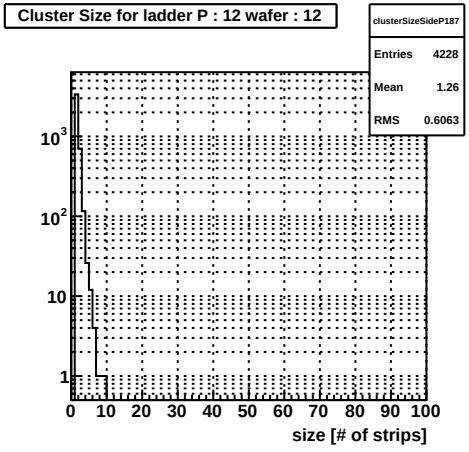

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16194
Mean 1.305
RMS 0.6355
size [# of strips]

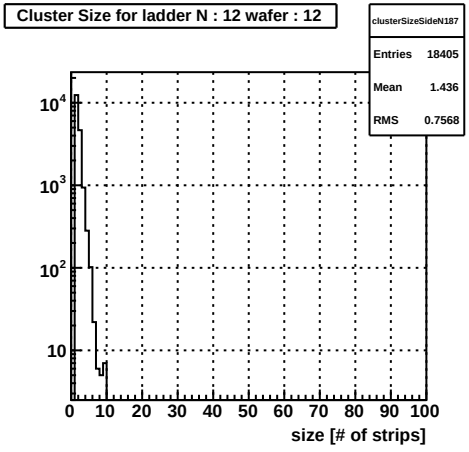

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15430
Mean 1.556
RMS 0.8055
size [# of strips]

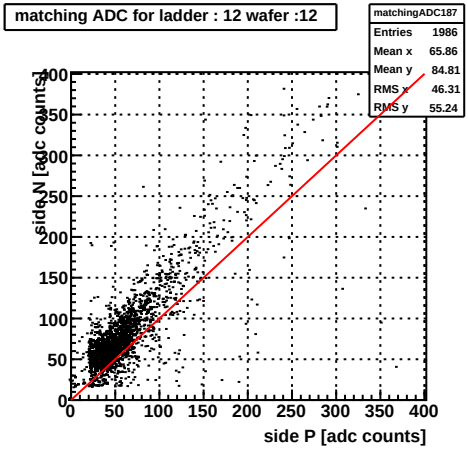

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 13211
Mean x 73.48
Mean y 74.17
RMS x 54.85
RMS y 55.82
side N [adc counts]
side P [adc counts]

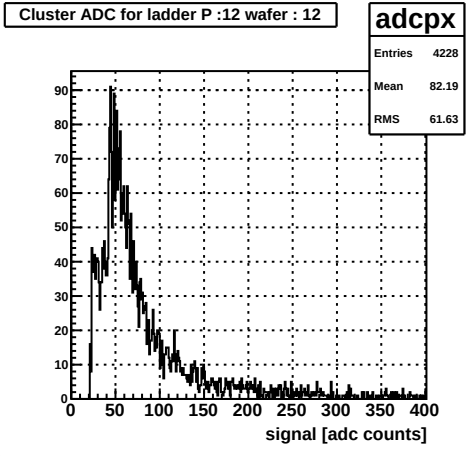

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16194
Mean 68.79
RMS 56.37
signal [adc counts]

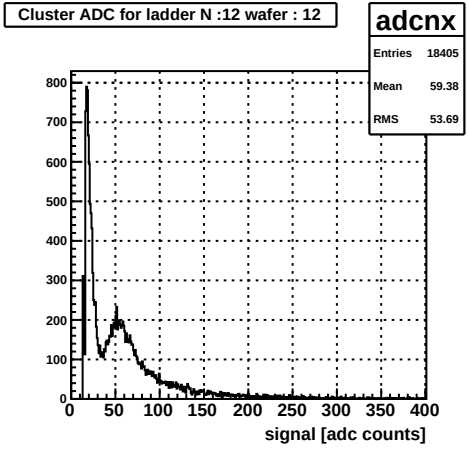

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15430
Mean 72.87
RMS 58.38
signal [adc counts]

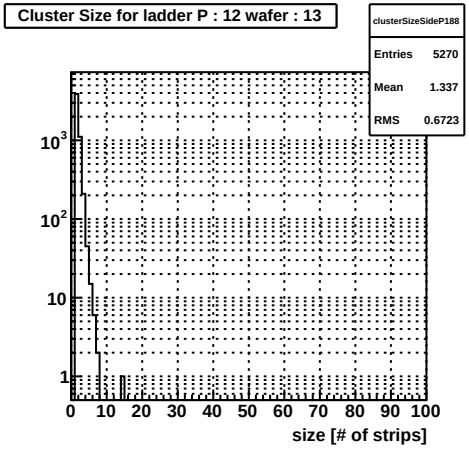

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4228
Mean 1.26
RMS 0.6063
size [# of strips]

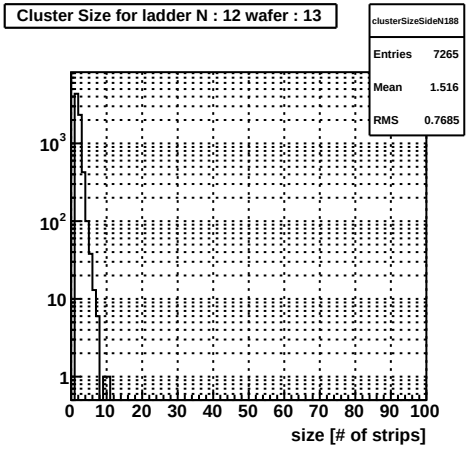

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 18405
Mean 1.436
RMS 0.7568
size [# of strips]

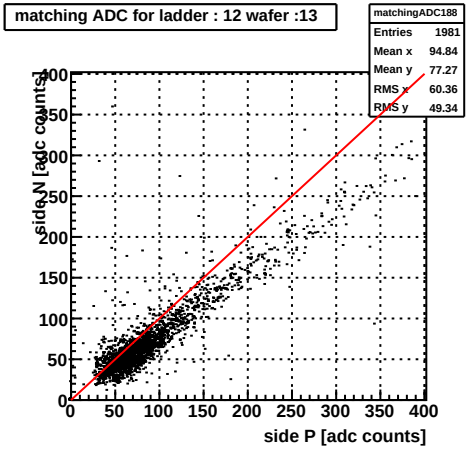

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1986
Mean x 65.86
Mean y 84.81
RMS x 46.31
RMS y 55.24
side N [adc counts]
side P [adc counts]

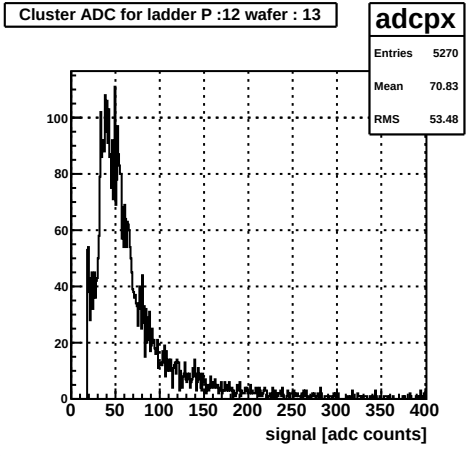

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4228
Mean 82.19
RMS 61.63
signal [adc counts]

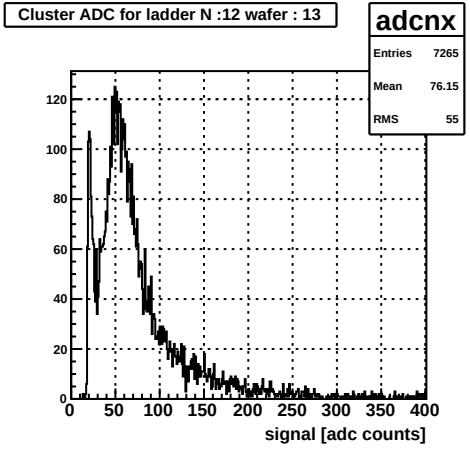

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 18405
Mean 59.38
RMS 53.69
signal [adc counts]

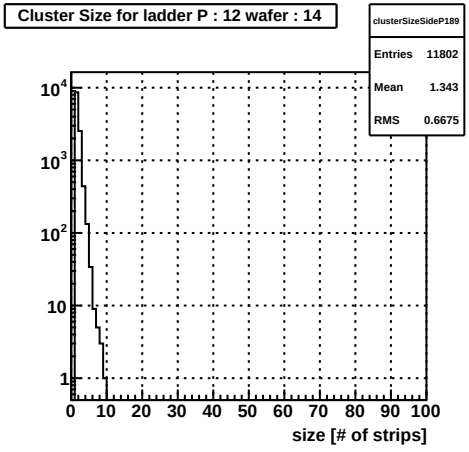

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 5270
Mean 1.337
RMS 0.6723
size [# of strips]

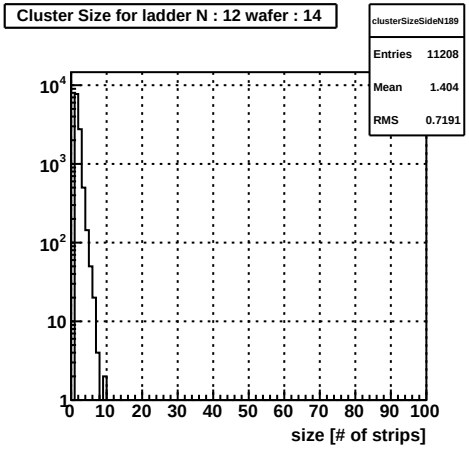

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7265
Mean 1.516
RMS 0.7685
size [# of strips]

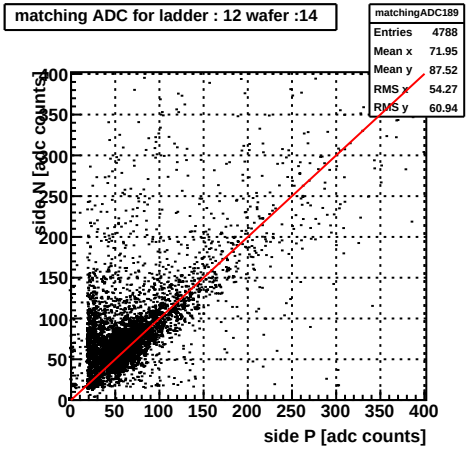

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1981
Mean x 94.84
Mean y 77.27
RMS x 60.36
RMS y 49.34
side N [adc counts]
side P [adc counts]

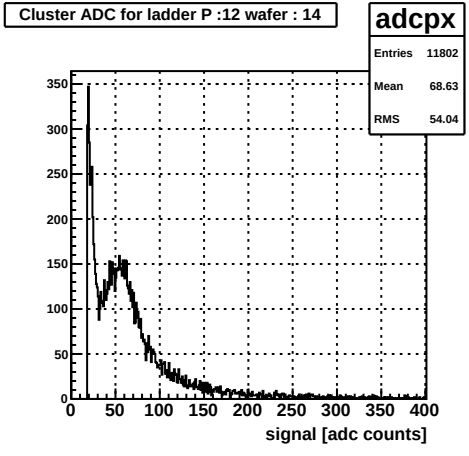

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 5270
Mean 70.83
RMS 53.48
signal [adc counts]

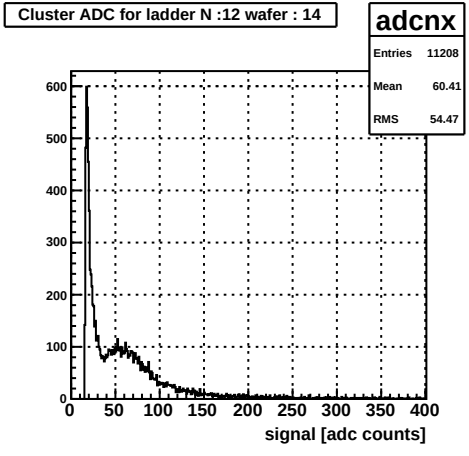

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7265
Mean 76.15
RMS 55
signal [adc counts]

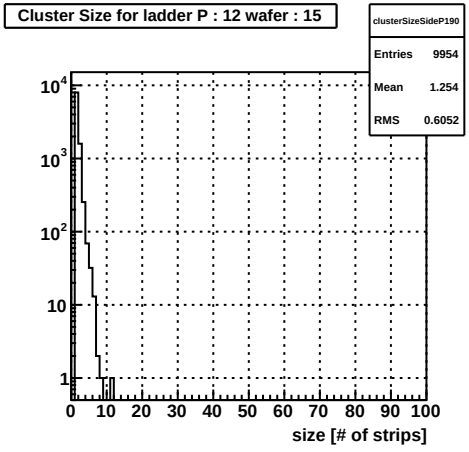

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 11802
Mean 1.343
RMS 0.6675
size [# of strips]

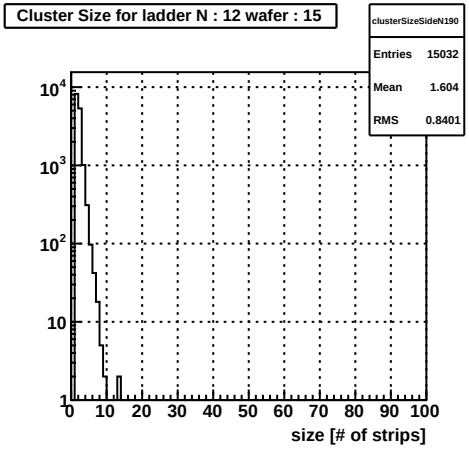

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 11208
Mean 1.404
RMS 0.7191
size [# of strips]

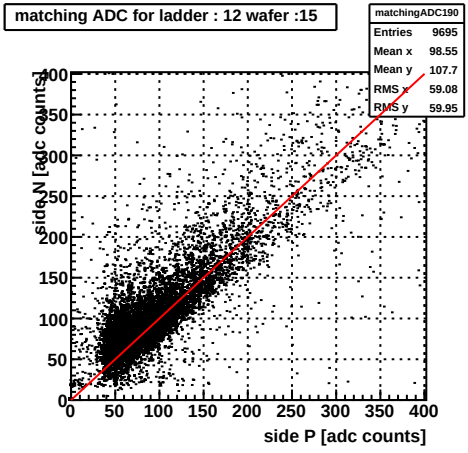

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4788
Mean x 71.95
Mean y 87.52
RMS x 54.27
RMS y 60.94
side N [adc counts]
side P [adc counts]

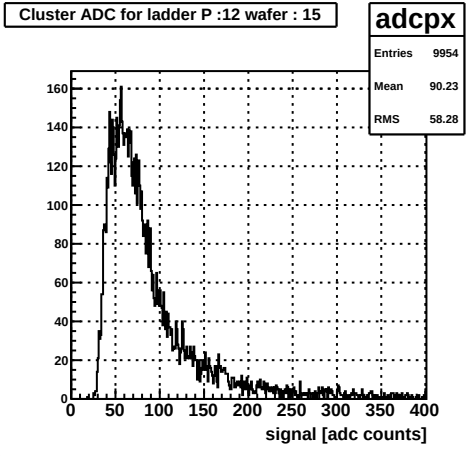

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 11802
Mean 68.63
RMS 54.04
signal [adc counts]

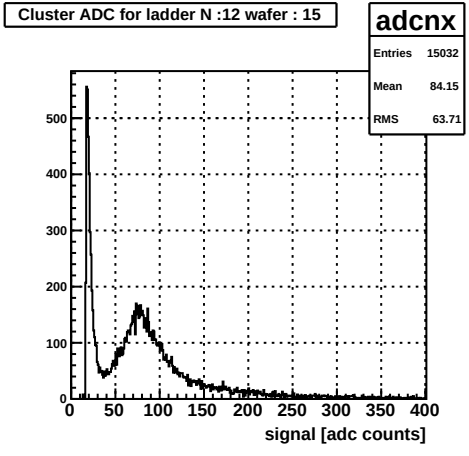

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 11208
Mean 60.41
RMS 54.47
signal [adc counts]

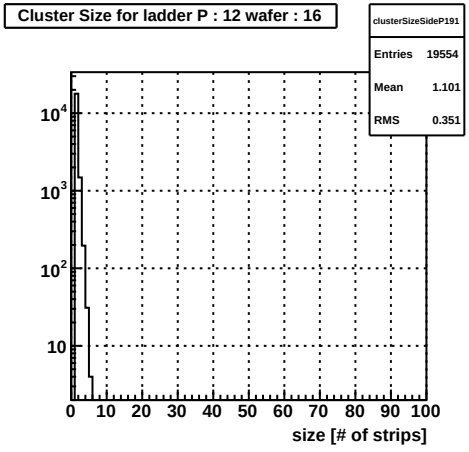

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9954
Mean 1.254
RMS 0.6052
size [# of strips]

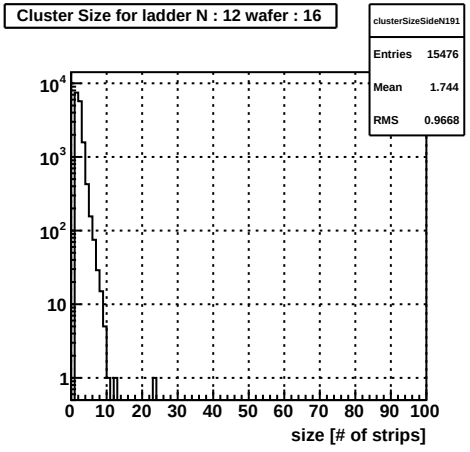

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 15032
Mean 1.604
RMS 0.8401
size [# of strips]

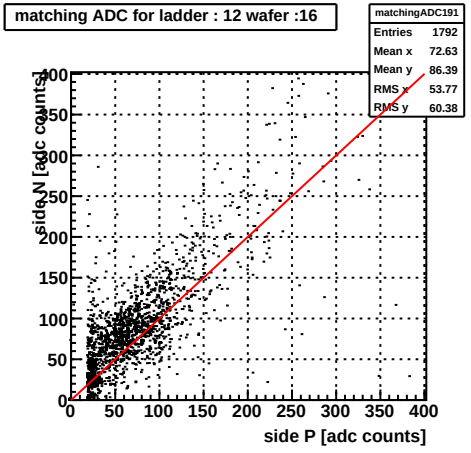

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9695
Mean x 98.55
Mean y 107.7
RMS x 59.08
RMS y 59.95
side N [adc counts]
side P [adc counts]

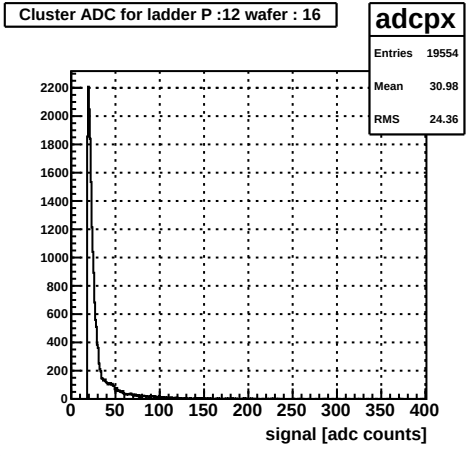

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9954
Mean 90.23
RMS 58.28
signal [adc counts]

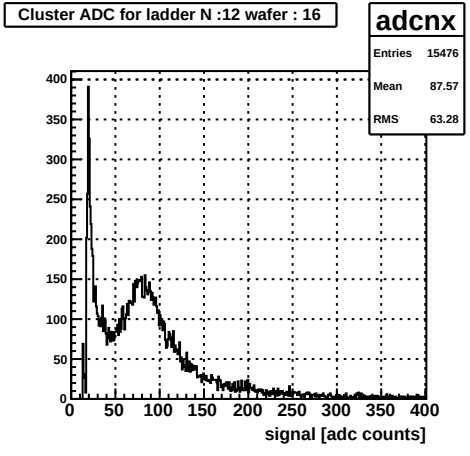

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 15032
Mean 84.15
RMS 63.71
signal [adc counts]

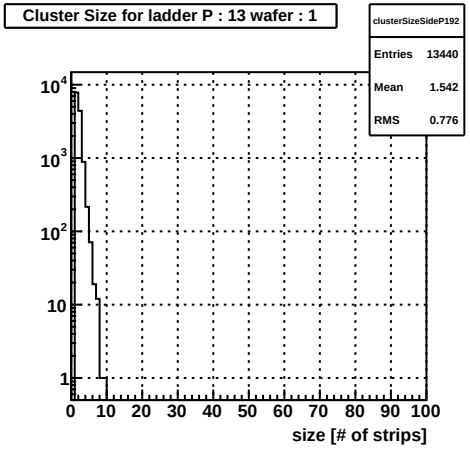

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19554
Mean 1.101
RMS 0.351
size [# of strips]

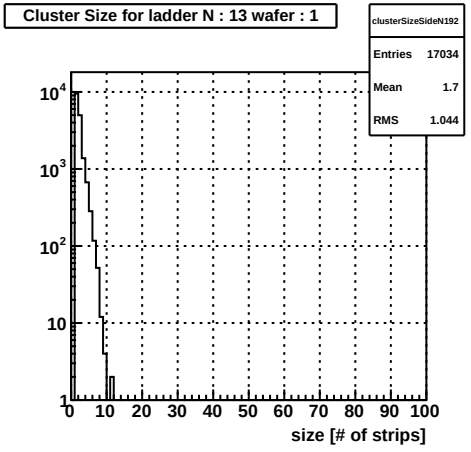

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15476
Mean 1.744
RMS 0.9668
size [# of strips]

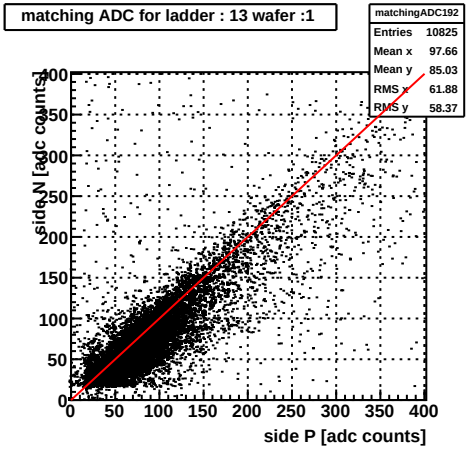

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1792
Mean x 72.63
Mean y 86.39
RMS x 53.77
RMS y 60.38
side N [adc counts]
side P [adc counts]

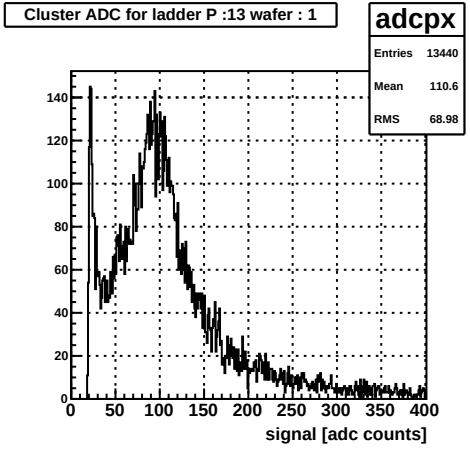

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19554
Mean 30.98
RMS 24.36
signal [adc counts]

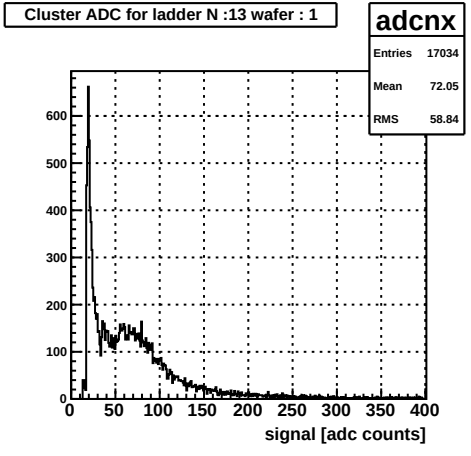

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15476
Mean 87.57
RMS 63.28
signal [adc counts]

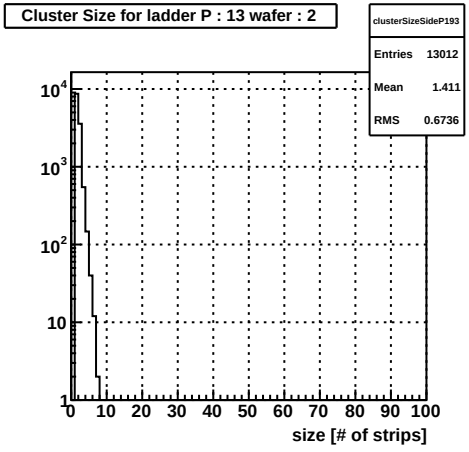

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 13440
Mean 1.542
RMS 0.776
size [# of strips]

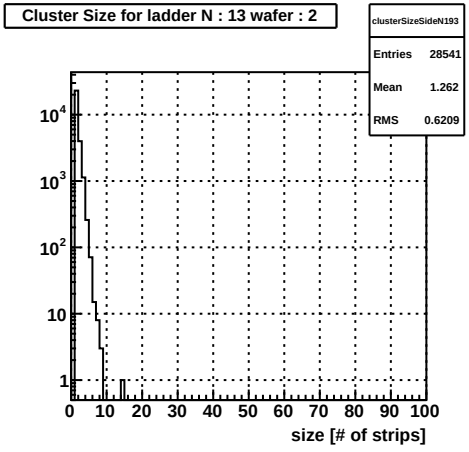

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 17034
Mean 1.7
RMS 1.044
size [# of strips]

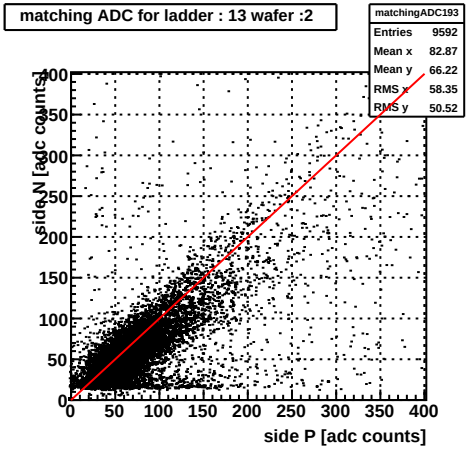

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 10825
Mean x 97.66
Mean y 85.03
RMS x 61.88
RMS y 58.37
side N [adc counts]
side P [adc counts]

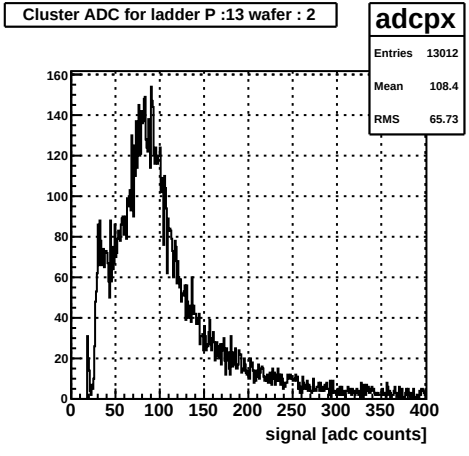

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 13440
Mean 110.6
RMS 68.98
signal [adc counts]

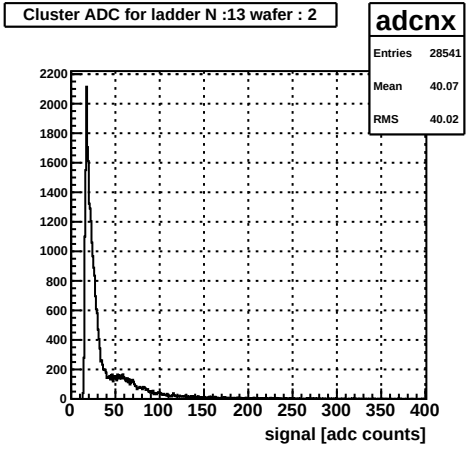

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 17034
Mean 72.05
RMS 58.84
signal [adc counts]

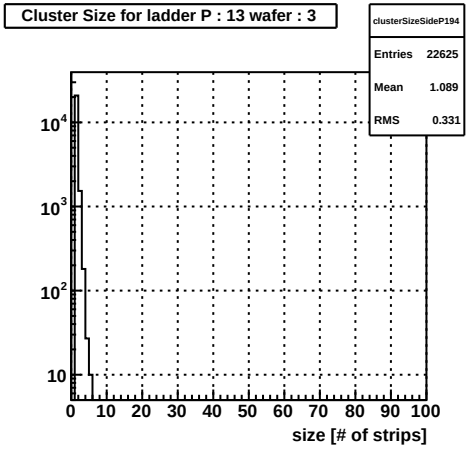

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 13012
Mean 1.411
RMS 0.6736
size [# of strips]

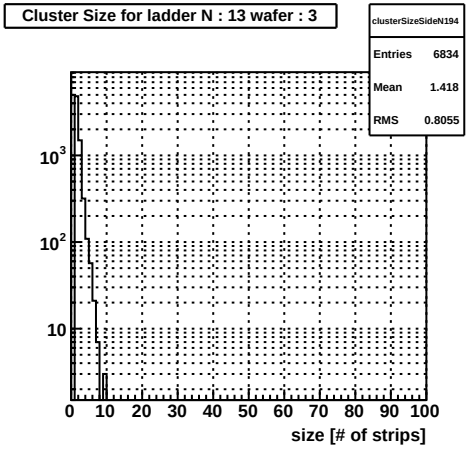

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 28541
Mean 1.262
RMS 0.6209
size [# of strips]

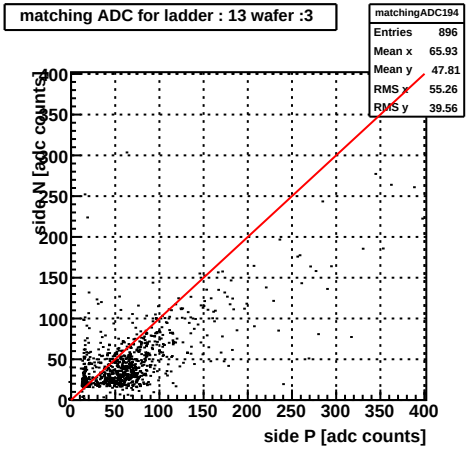

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 9592
Mean x 82.87
Mean y 66.22
RMS x 58.35
RMS y 50.52
side N [adc counts]
side P [adc counts]

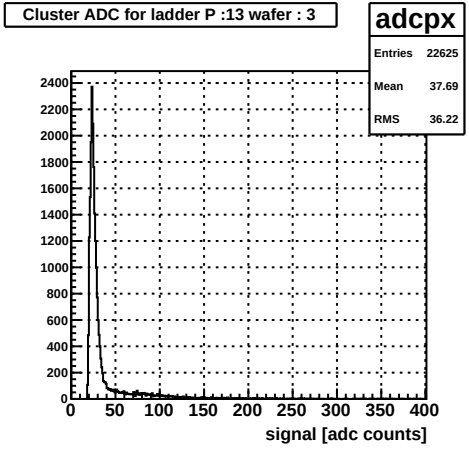

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 13012
Mean 108.4
RMS 65.73
signal [adc counts]

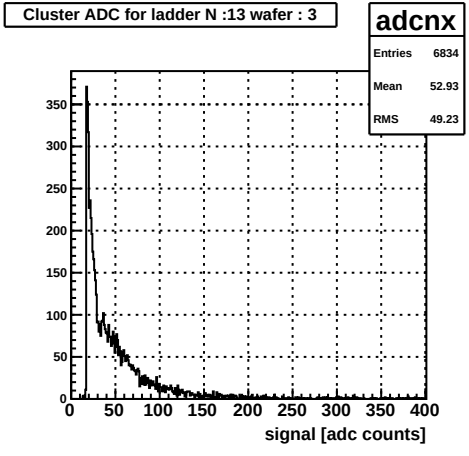

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 28541
Mean 40.07
RMS 40.02
signal [adc counts]

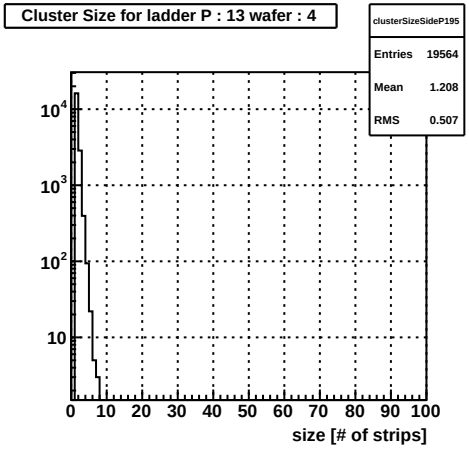

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 22625
Mean 1.089
RMS 0.331
size [# of strips]

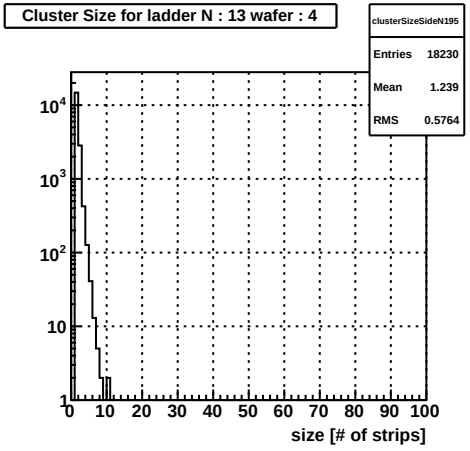

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 6834
Mean 1.418
RMS 0.8055
size [# of strips]

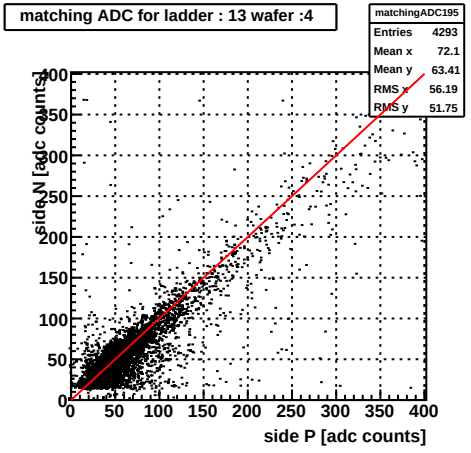

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 896
Mean x 65.93
Mean y 47.81
RMS x 55.26
RMS y 39.56
side N [adc counts]
side P [adc counts]

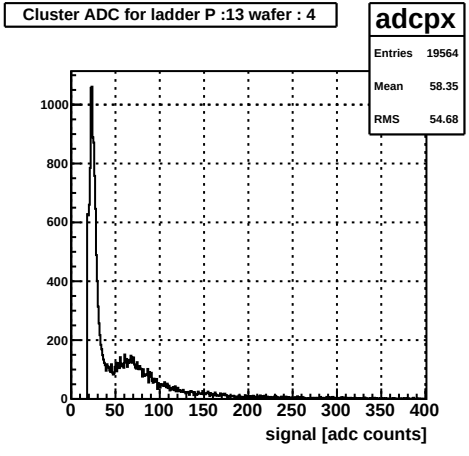

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 22625
Mean 37.69
RMS 36.22
signal [adc counts]

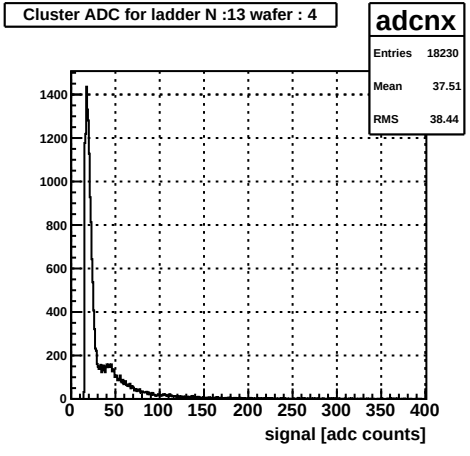

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 6834
Mean 52.93
RMS 49.23
signal [adc counts]

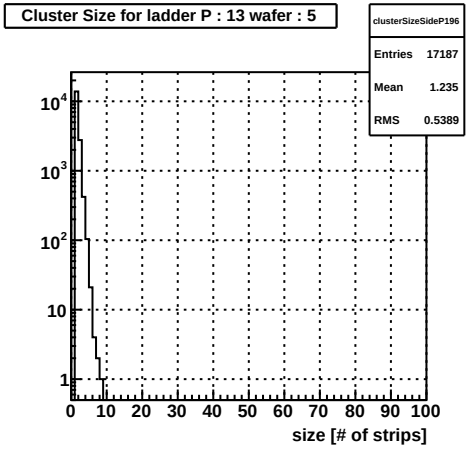

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19564
Mean 1.208
RMS 0.507
size [# of strips]

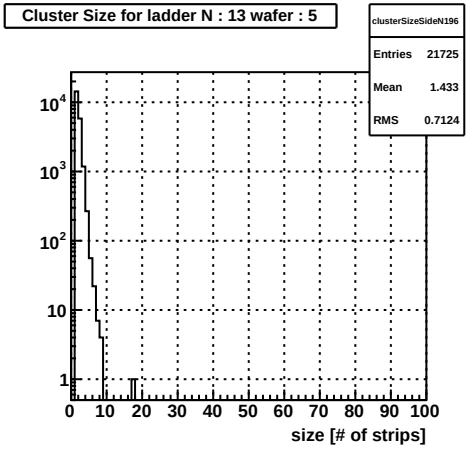

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 18230
Mean 1.239
RMS 0.5764
size [# of strips]

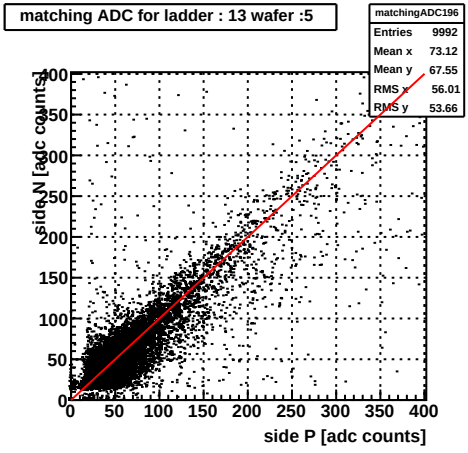

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4293
Mean x 72.1
Mean y 63.41
RMS x 56.19
RMS y 51.75
side N [adc counts]
side P [adc counts]

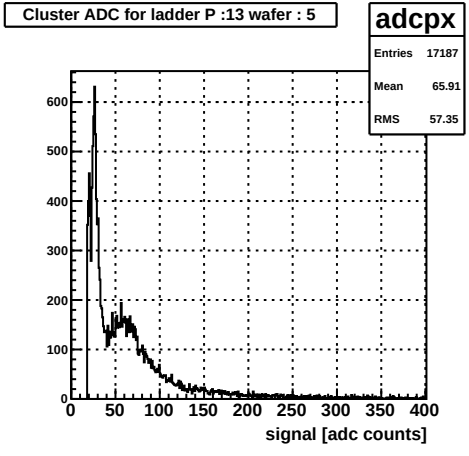

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19564
Mean 58.35
RMS 54.68
signal [adc counts]

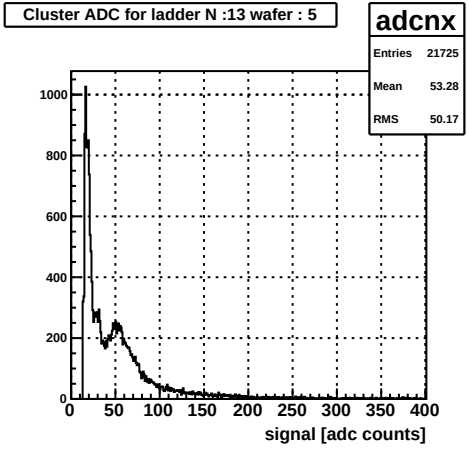

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 18230
Mean 37.51
RMS 38.44
signal [adc counts]

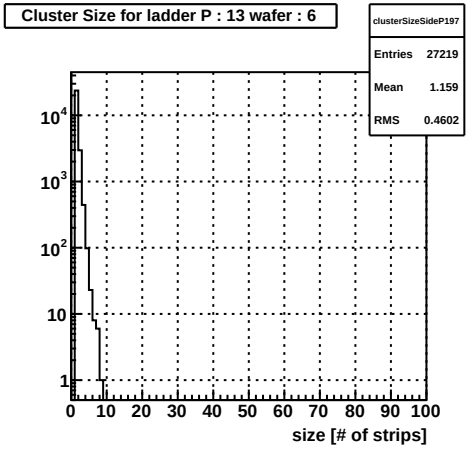

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 17187
Mean 1.235
RMS 0.5389
size [# of strips]

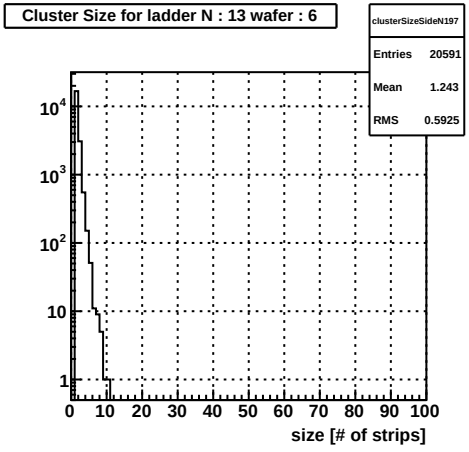

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 21725
Mean 1.433
RMS 0.7124
size [# of strips]

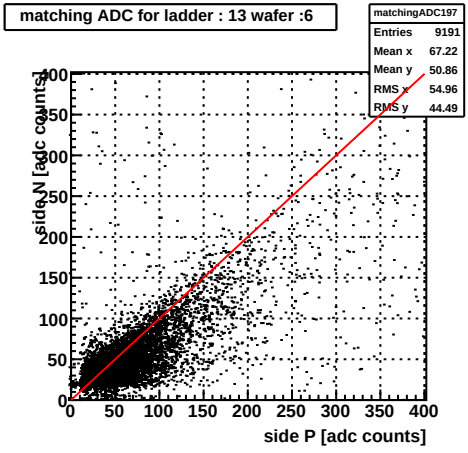

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 9992
Mean x 73.12
Mean y 67.55
RMS x 56.01
RMS y 53.66
side N [adc counts]
side P [adc counts]

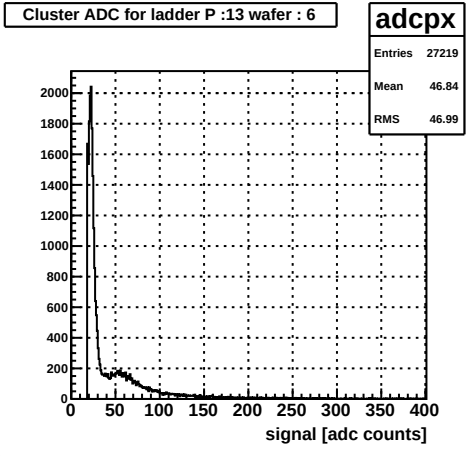

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 17187
Mean 65.91
RMS 57.35
signal [adc counts]

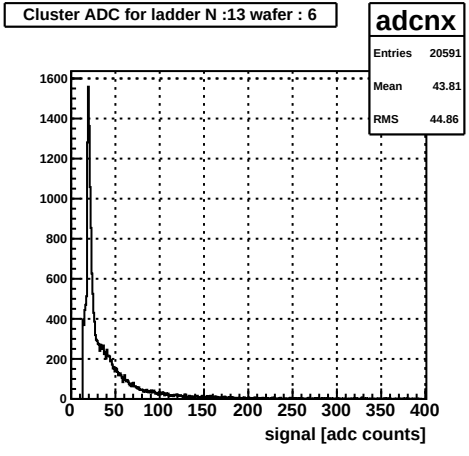

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 21725
Mean 53.28
RMS 50.17
signal [adc counts]

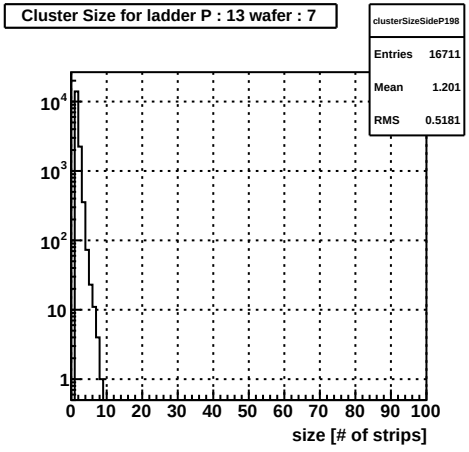

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 27219
Mean 1.159
RMS 0.4602
size [# of strips]

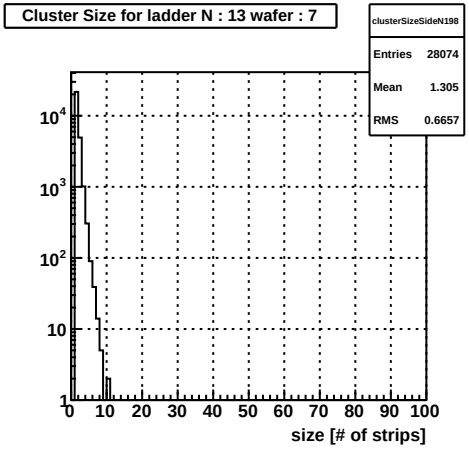

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 20591
Mean 1.243
RMS 0.5925
size [# of strips]

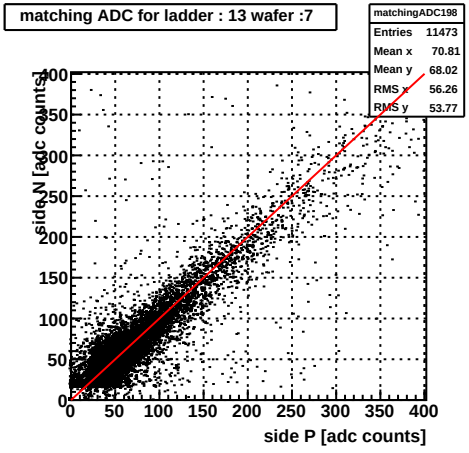

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 9191
Mean x 67.22
Mean y 50.86
RMS x 54.96
RMS y 44.49
side N [adc counts]
side P [adc counts]

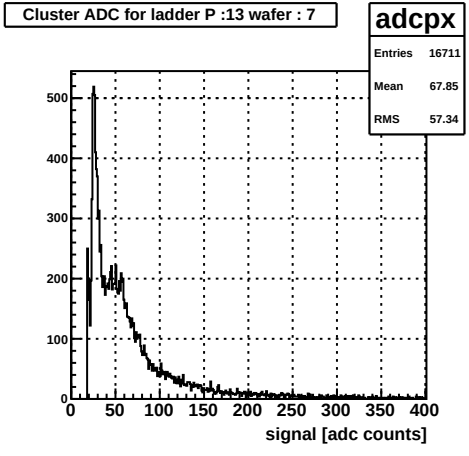

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 27219
Mean 46.84
RMS 46.99
signal [adc counts]

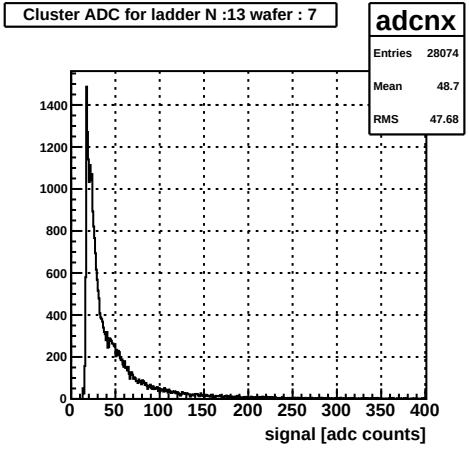

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 20591
Mean 43.81
RMS 44.86
signal [adc counts]

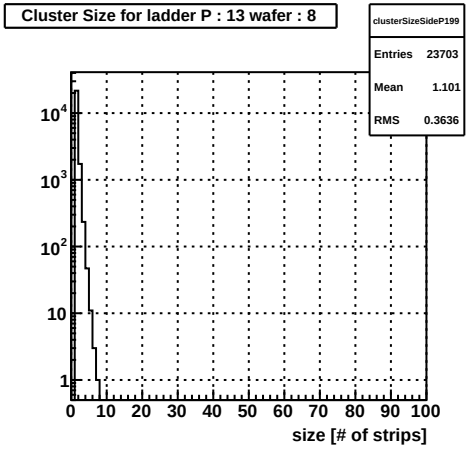

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 16711
Mean 1.201
RMS 0.5181
size [# of strips]

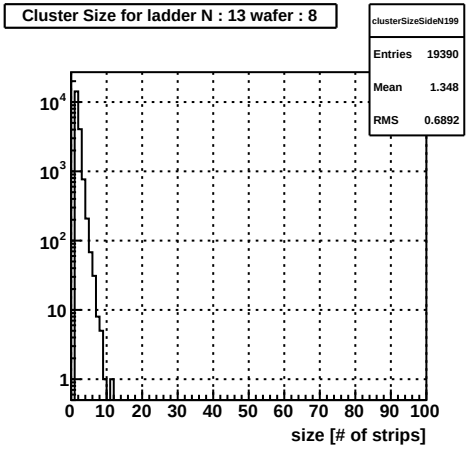

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 28074
Mean 1.305
RMS 0.6657
size [# of strips]

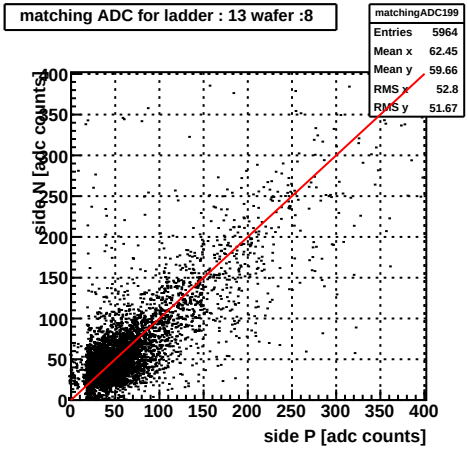

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 11473
Mean x 70.81
Mean y 68.02
RMS x 56.26
RMS y 53.77
side N [adc counts]
side P [adc counts]

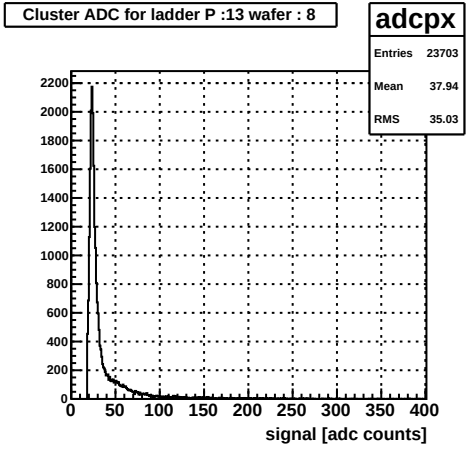

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 16711
Mean 67.85
RMS 57.34
signal [adc counts]

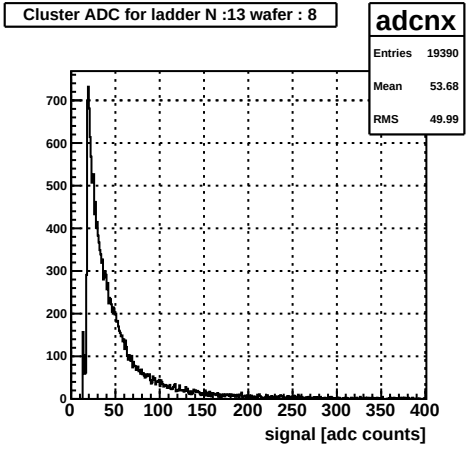

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 28074
Mean 48.7
RMS 47.68
signal [adc counts]

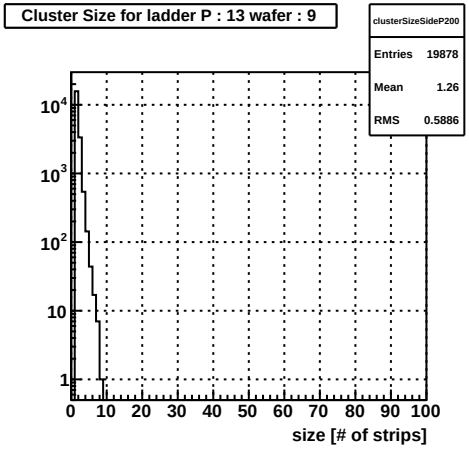

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 23703
Mean 1.101
RMS 0.3636
size [# of strips]

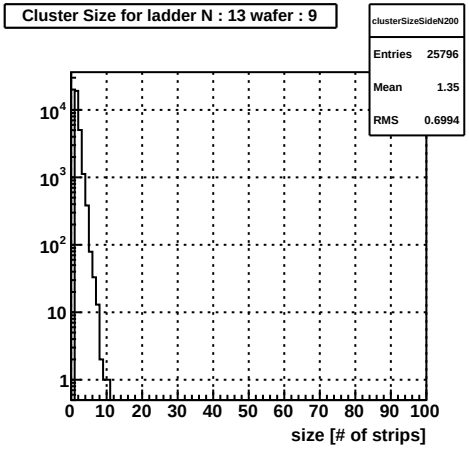

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 19390
Mean 1.348
RMS 0.6892
size [# of strips]

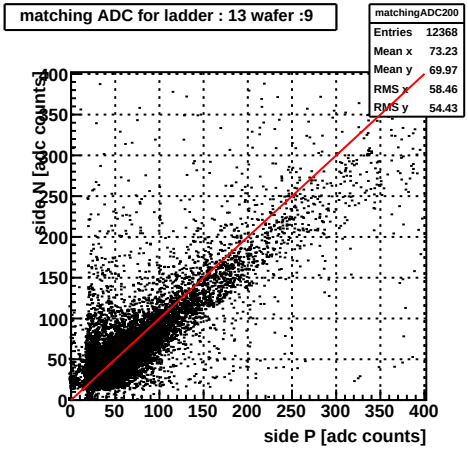

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 5964
Mean x 62.45
Mean y 59.66
RMS x 52.8
RMS y 51.67
side N [adc counts]
side P [adc counts]

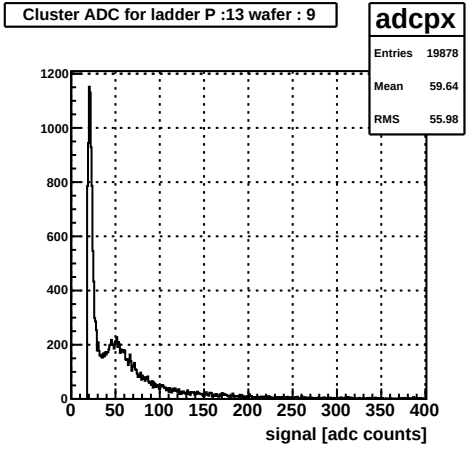

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 23703
Mean 37.94
RMS 35.03
signal [adc counts]

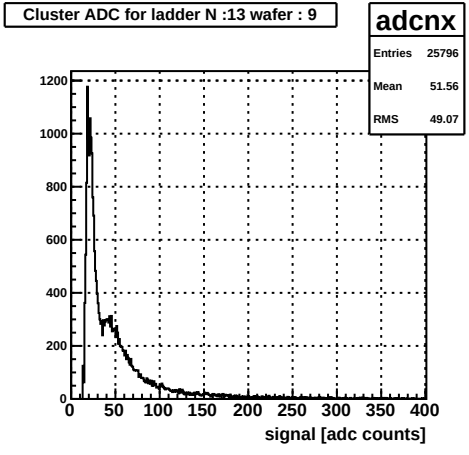

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 19390
Mean 53.68
RMS 49.99
signal [adc counts]

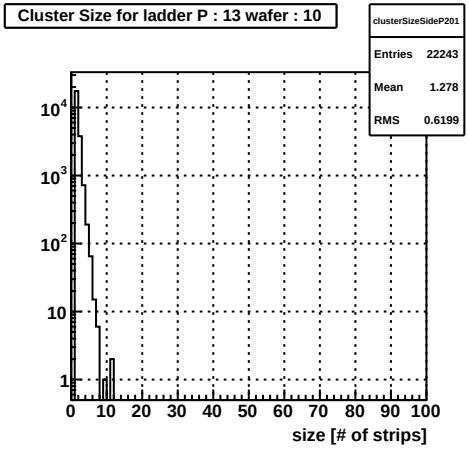

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 19878
Mean 1.26
RMS 0.5886
size [# of strips]

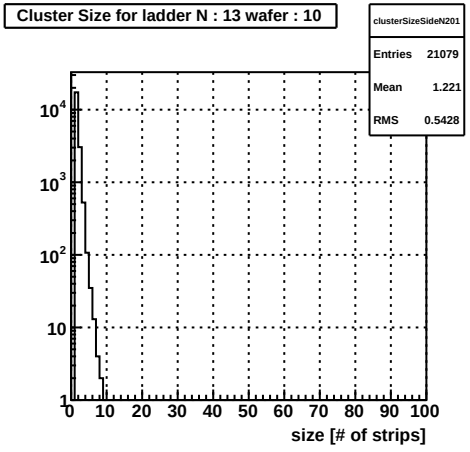

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 25796
Mean 1.35
RMS 0.6994
size [# of strips]

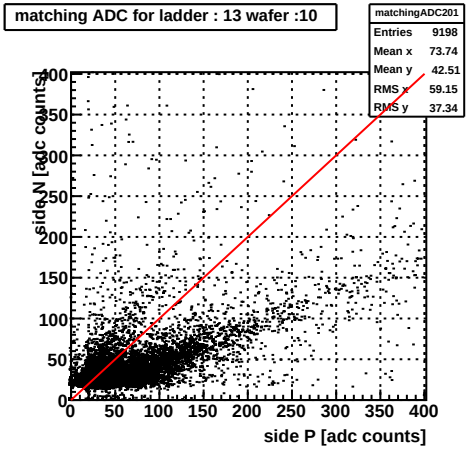

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 12368
Mean x 73.23
Mean y 69.97
RMS x 58.46
RMS y 54.43
side N [adc counts]
side P [adc counts]

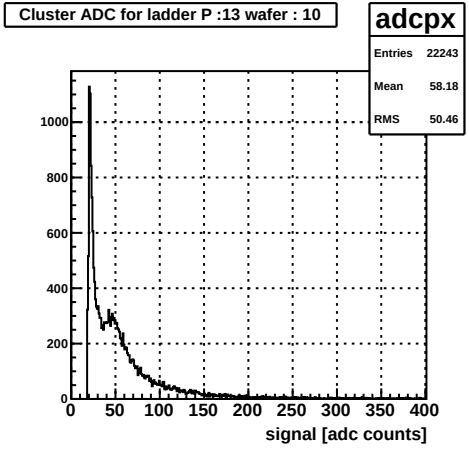

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 19878
Mean 59.64
RMS 55.98
signal [adc counts]

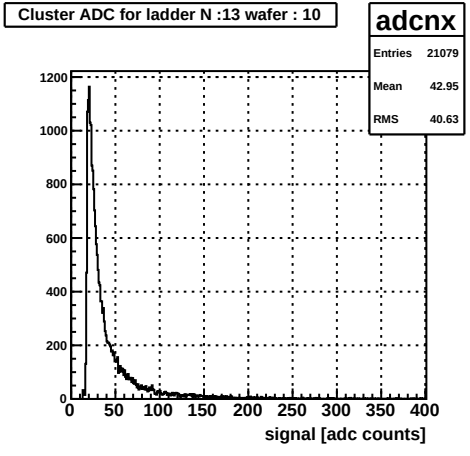

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 25796
Mean 51.56
RMS 49.07
signal [adc counts]

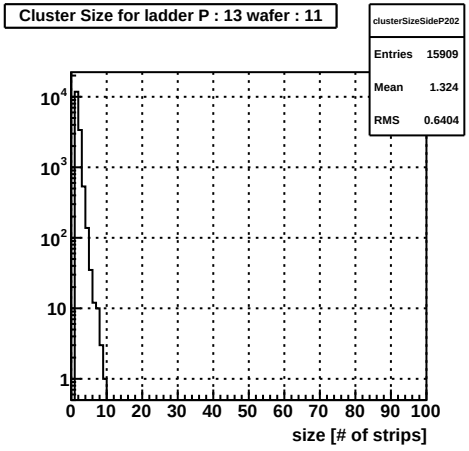

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 22243
Mean 1.278
RMS 0.6199
size [# of strips]

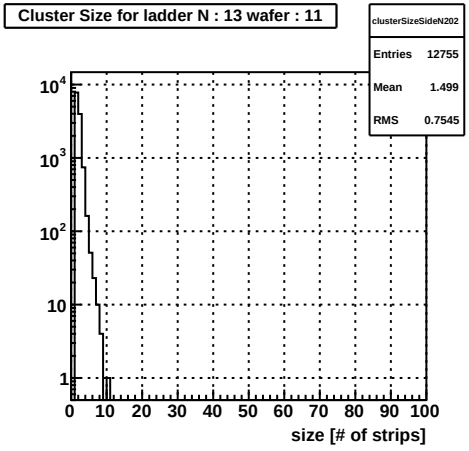

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 21079
Mean 1.221
RMS 0.5428
size [# of strips]

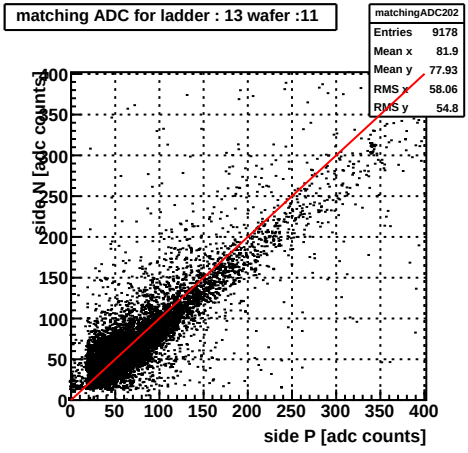

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 9198
Mean x 73.74
Mean y 42.51
RMS x 59.15
RMS y 37.34
side N [adc counts]
side P [adc counts]

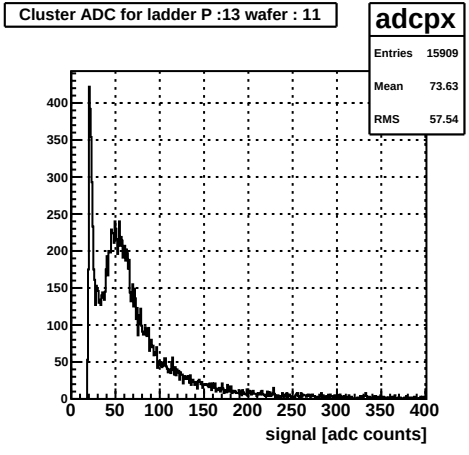

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 22243
Mean 58.18
RMS 50.46
signal [adc counts]

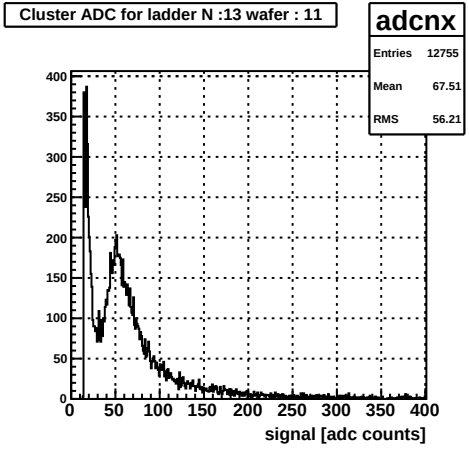

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 21079
Mean 42.95
RMS 40.63
signal [adc counts]

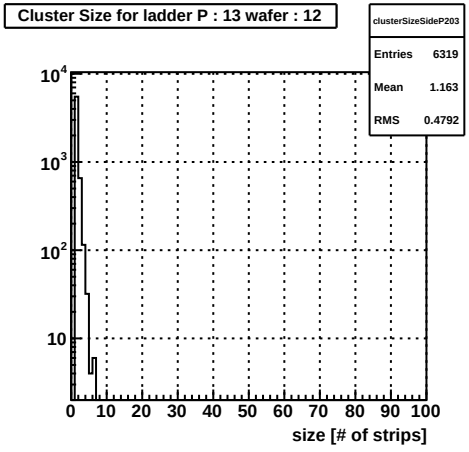

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 15909
Mean 1.324
RMS 0.6404
size [# of strips]

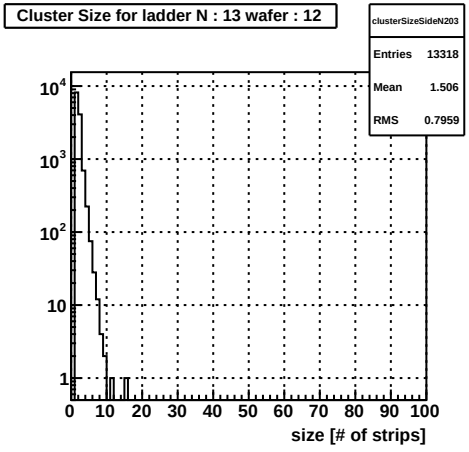

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 12755
Mean 1.499
RMS 0.7545
size [# of strips]

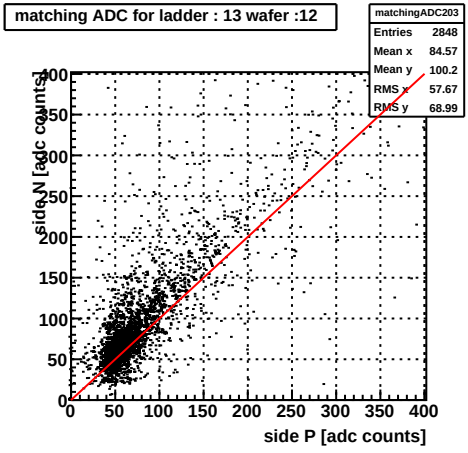

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9178
Mean x 81.9
Mean y 77.93
RMS x 58.06
RMS y 54.8
side N [adc counts]
side P [adc counts]

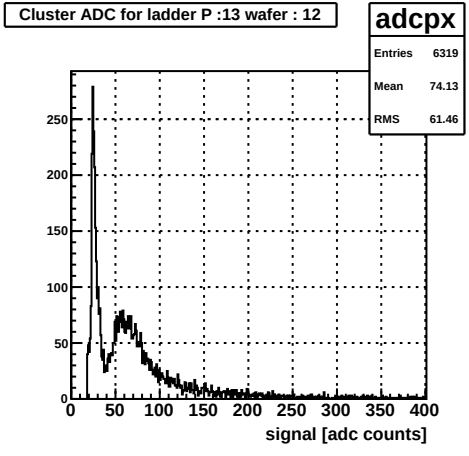

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 15909
Mean 73.63
RMS 57.54
signal [adc counts]

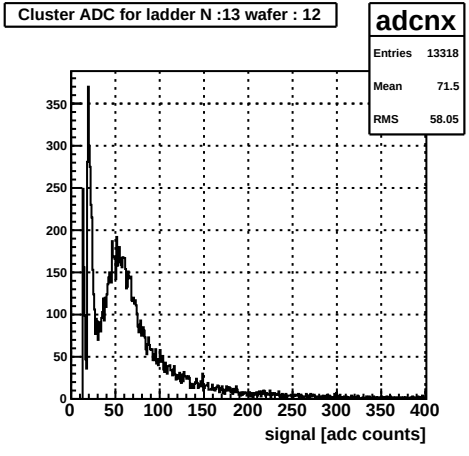

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 12755
Mean 67.51
RMS 56.21
signal [adc counts]

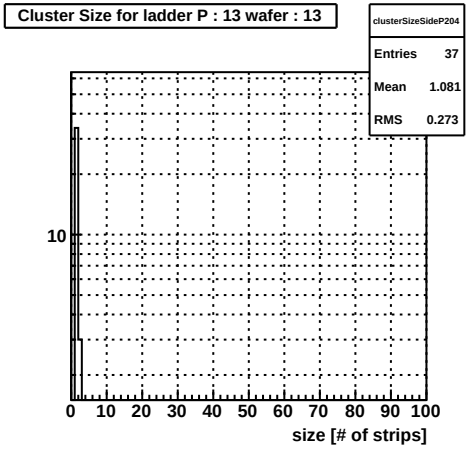

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6319
Mean 1.163
RMS 0.4792
size [# of strips]

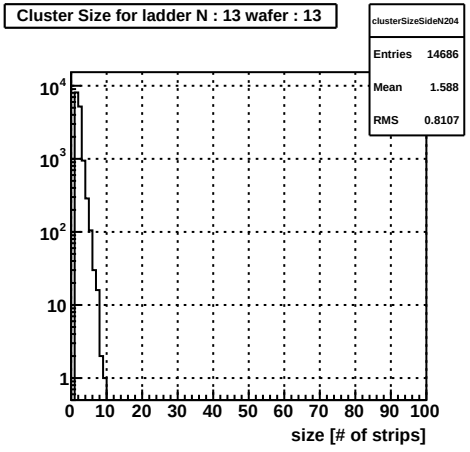

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 13318
Mean 1.506
RMS 0.7959
size [# of strips]

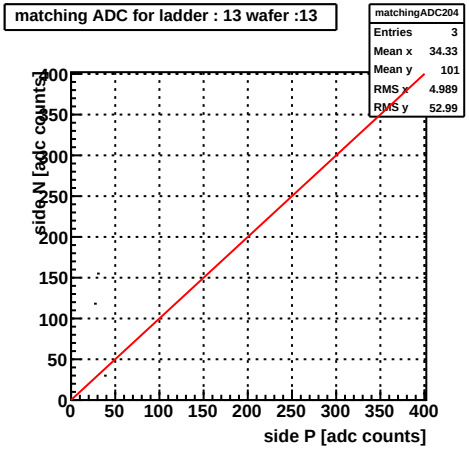

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2848
Mean x 84.57
Mean y 100.2
RMS x 57.67
RMS y 68.99
side N [adc counts]
side P [adc counts]

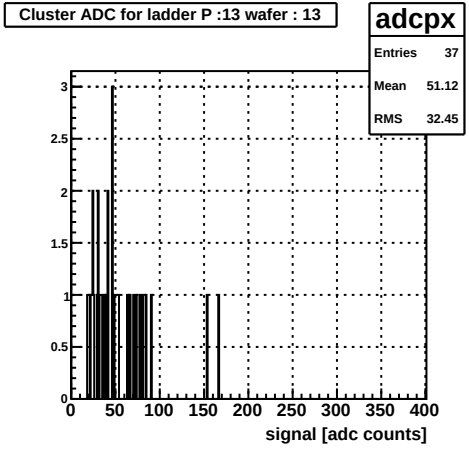

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6319
Mean 74.13
RMS 61.46
signal [adc counts]

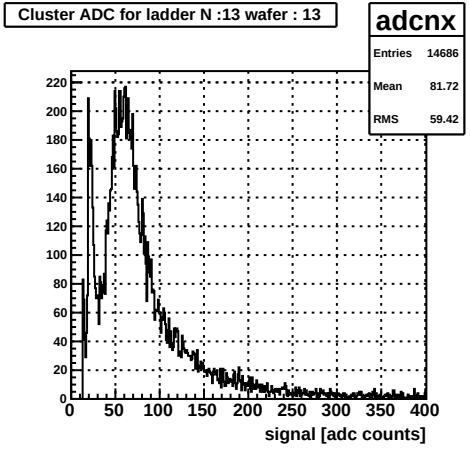

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 13318
Mean 71.5
RMS 58.05
signal [adc counts]

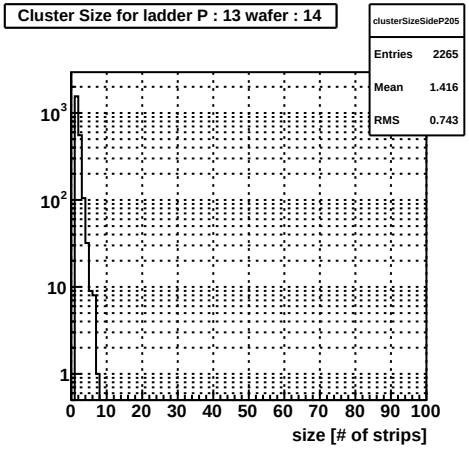

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 37
Mean 1.081
RMS 0.273
size [# of strips]

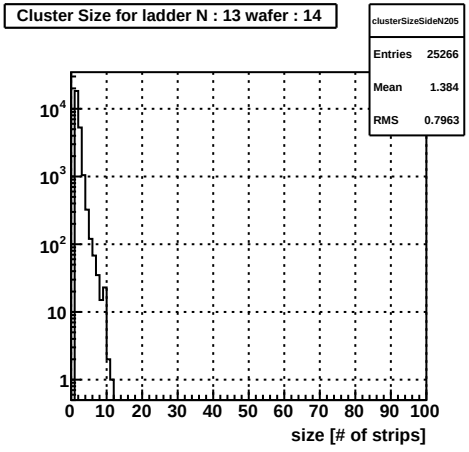

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 14686
Mean 1.588
RMS 0.8107
size [# of strips]

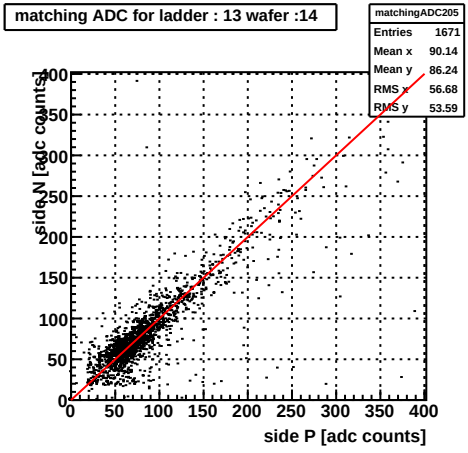

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 3
Mean x 34.33
Mean y 101
RMS x 4.989
RMS y 52.99
side N [adc counts]
side P [adc counts]

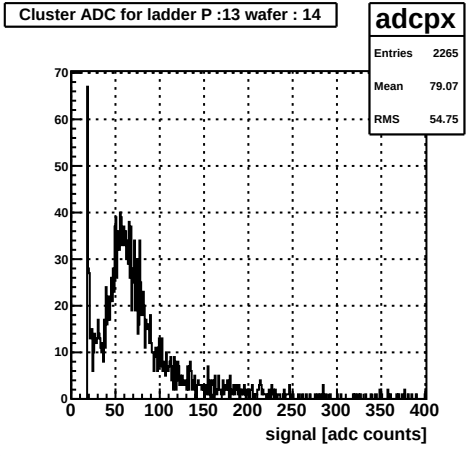

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 37
Mean 51.12
RMS 32.45
signal [adc counts]

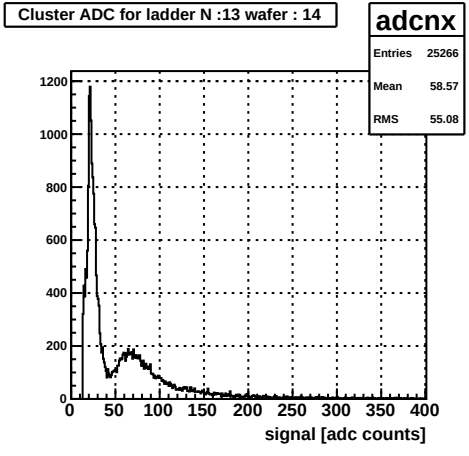

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 14686
Mean 81.72
RMS 59.42
signal [adc counts]

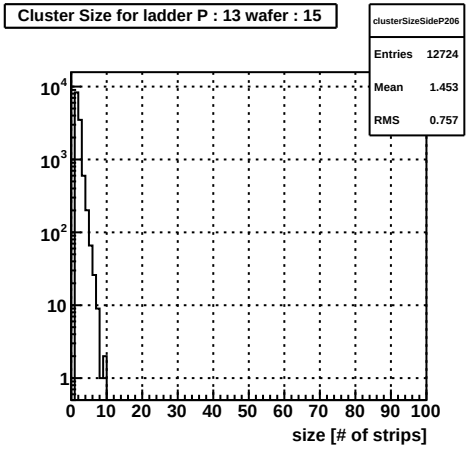

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2265
Mean 1.416
RMS 0.743
size [# of strips]

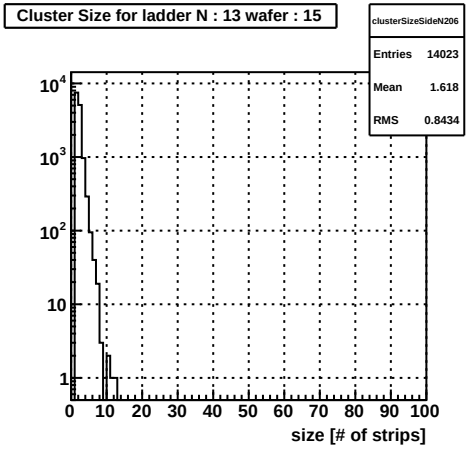

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 25266
Mean 1.384
RMS 0.7963
size [# of strips]

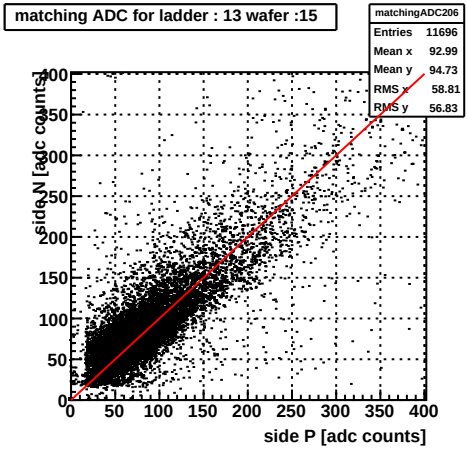

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1671
Mean x 90.14
Mean y 86.24
RMS x 56.68
RMS y 53.59
side N [adc counts]
side P [adc counts]

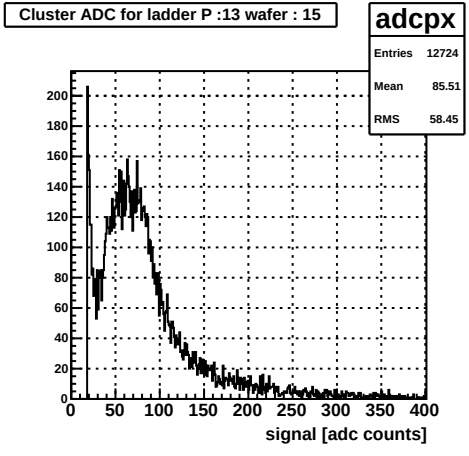

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2265
Mean 79.07
RMS 54.75
signal [adc counts]

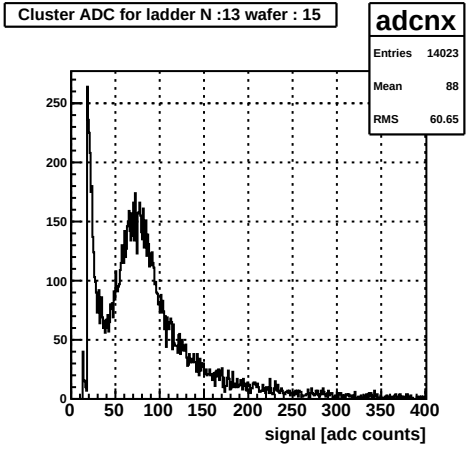

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 25266
Mean 58.57
RMS 55.08
signal [adc counts]

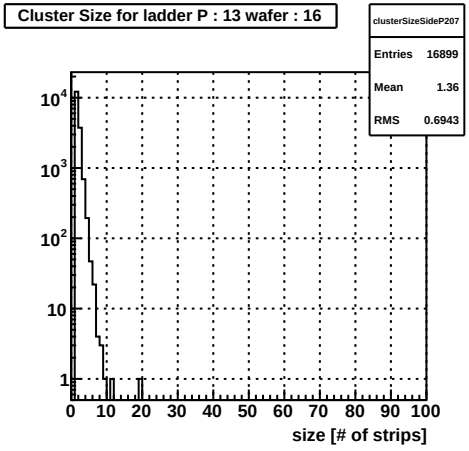

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 12724
Mean 1.453
RMS 0.757
size [# of strips]

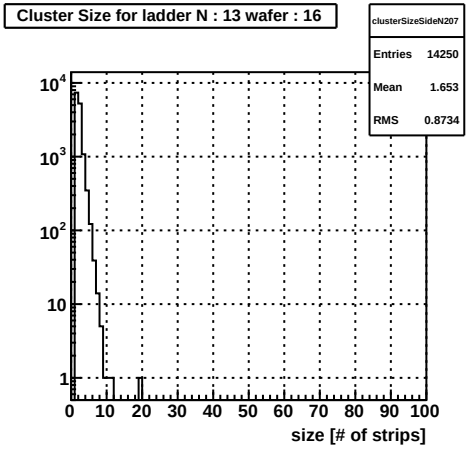

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 14023
Mean 1.618
RMS 0.8434
size [# of strips]

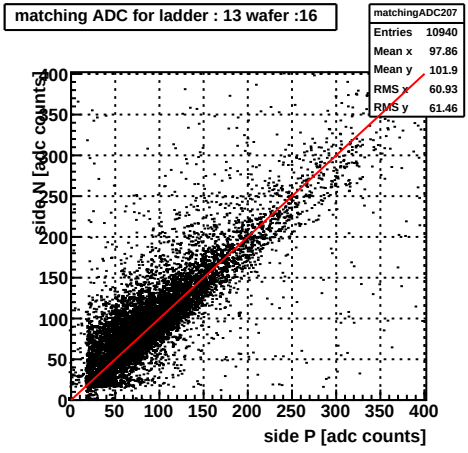

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 11696
Mean x 92.99
Mean y 94.73
RMS x 58.81
RMS y 56.83
side N [adc counts]
side P [adc counts]

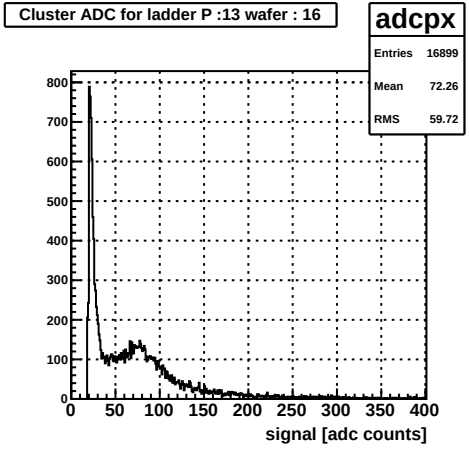

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 12724
Mean 85.51
RMS 58.45
signal [adc counts]

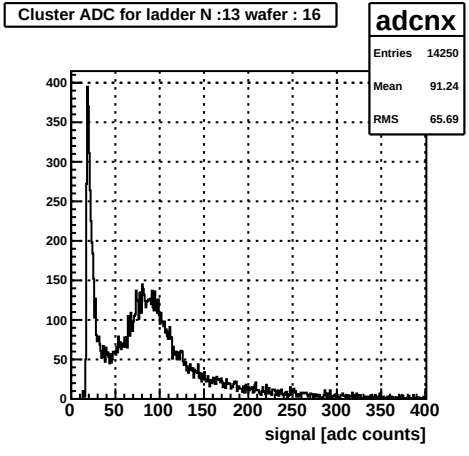

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 14023
Mean 88
RMS 60.65
signal [adc counts]

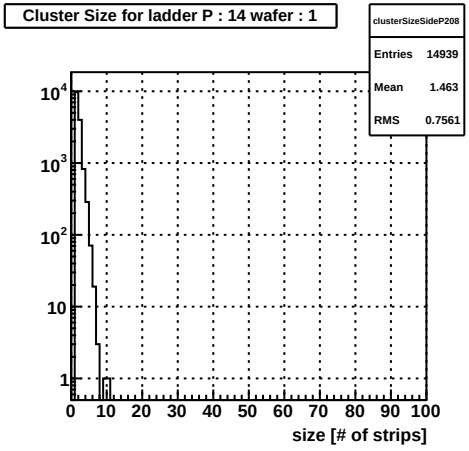

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 16899
Mean 1.36
RMS 0.6943
size [# of strips]

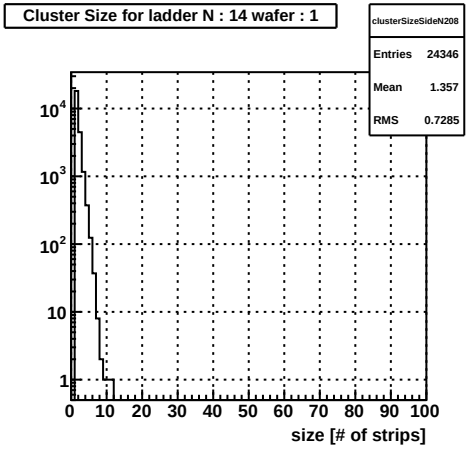

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 14250
Mean 1.653
RMS 0.8734
size [# of strips]

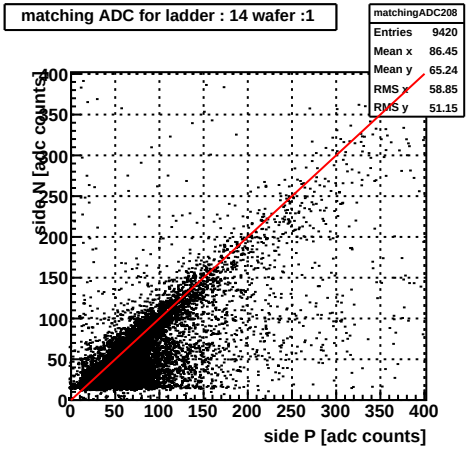

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 10940
Mean x 97.86
Mean y 101.9
RMS x 60.93
RMS y 61.46
side N [adc counts]
side P [adc counts]

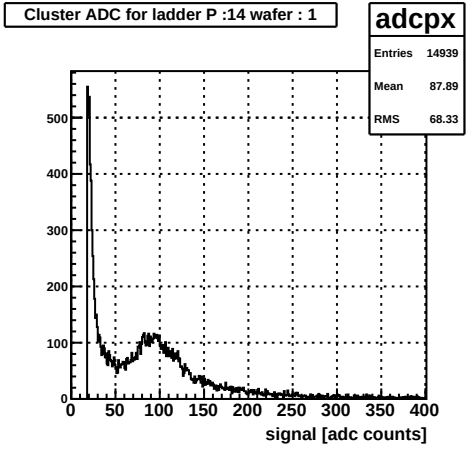

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 16899
Mean 72.26
RMS 59.72
signal [adc counts]

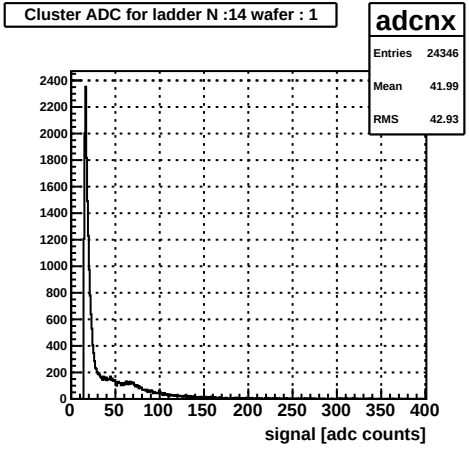

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 14250
Mean 91.24
RMS 65.69
signal [adc counts]

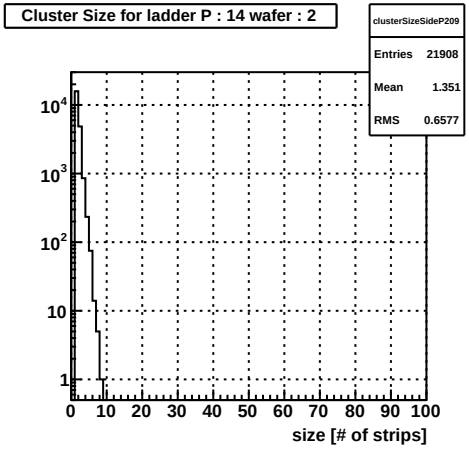

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 14939
Mean 1.463
RMS 0.7561
size [# of strips]

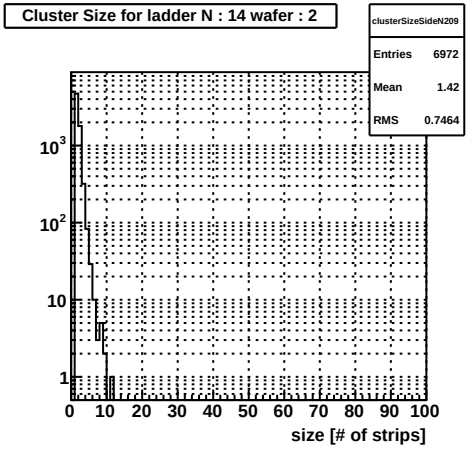

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 24346
Mean 1.357
RMS 0.7285
size [# of strips]

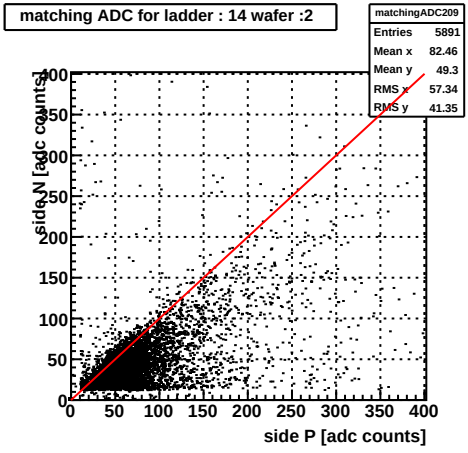

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 9420
Mean x 86.45
Mean y 65.24
RMS x 58.85
RMS y 51.15
side N [adc counts]
side P [adc counts]

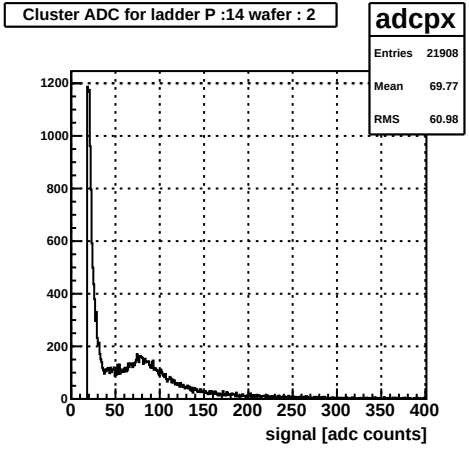

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 14939
Mean 87.89
RMS 68.33
signal [adc counts]

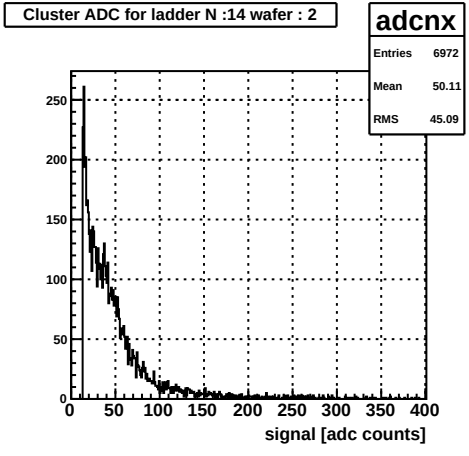

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 24346
Mean 41.99
RMS 42.93
signal [adc counts]

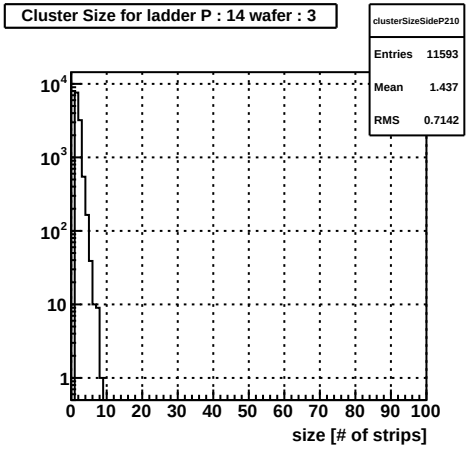

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 21908
Mean 1.351
RMS 0.6577
size [# of strips]

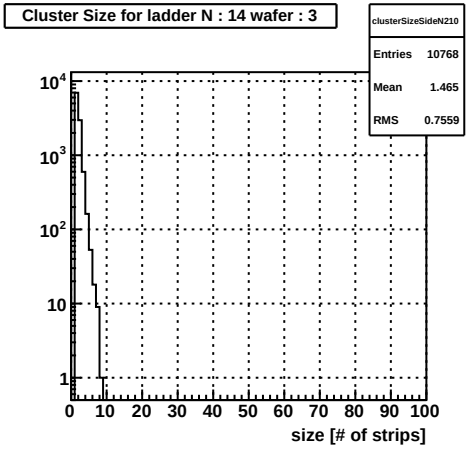

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6972
Mean 1.42
RMS 0.7464
size [# of strips]

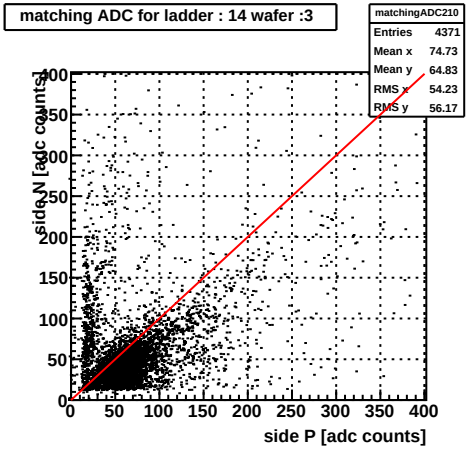

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5891
Mean x 82.46
Mean y 49.3
RMS x 57.34
RMS y 41.35
side N [adc counts]
side P [adc counts]

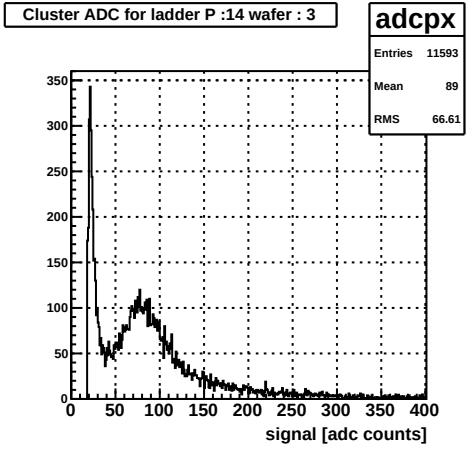

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 21908
Mean 69.77
RMS 60.98
signal [adc counts]

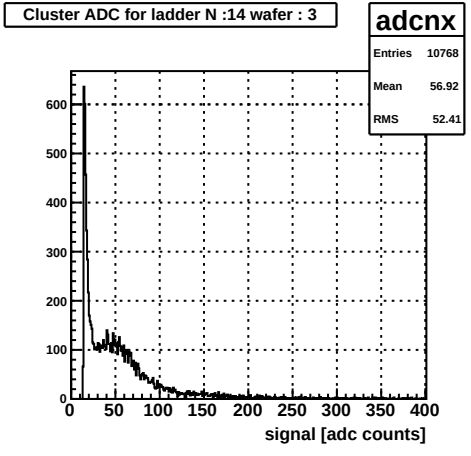

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6972
Mean 50.11
RMS 45.09
signal [adc counts]

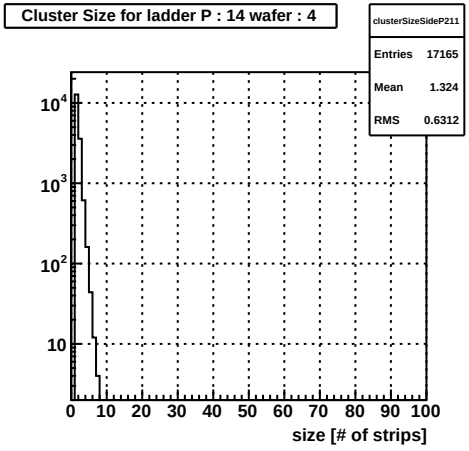

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 11593
Mean 1.437
RMS 0.7142
size [# of strips]

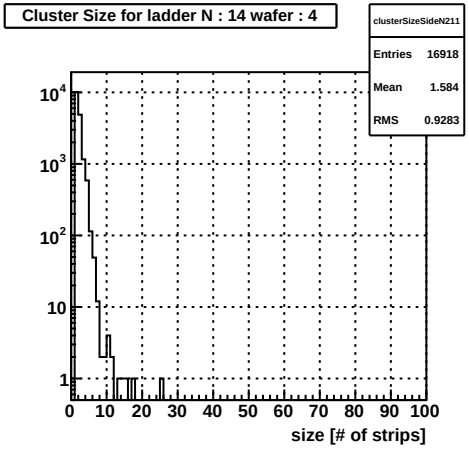

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 10768
Mean 1.465
RMS 0.7559
size [# of strips]

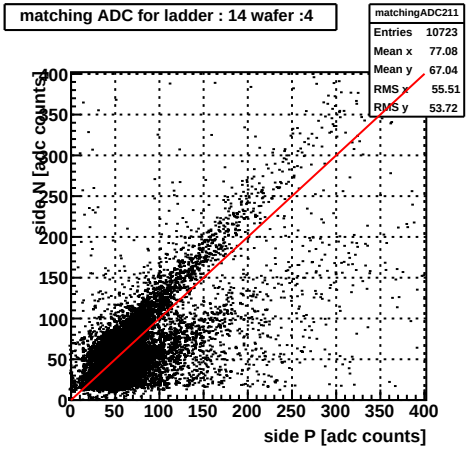

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4371
Mean x 74.73
Mean y 64.83
RMS x 54.23
RMS y 56.17
side N [adc counts]
side P [adc counts]

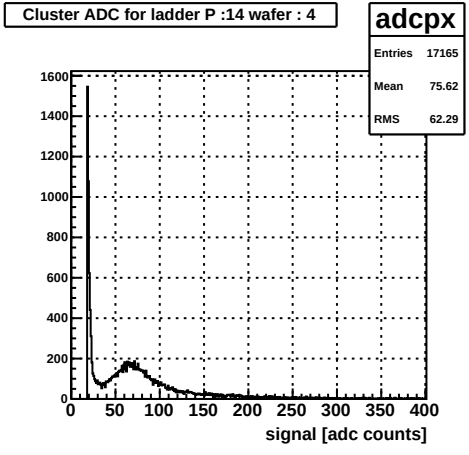

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 11593
Mean 89
RMS 66.61
signal [adc counts]

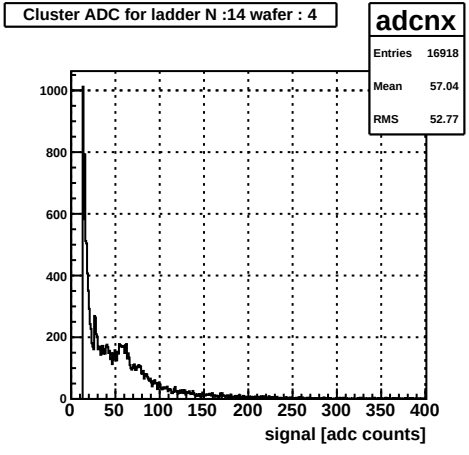

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 10768
Mean 56.92
RMS 52.41
signal [adc counts]

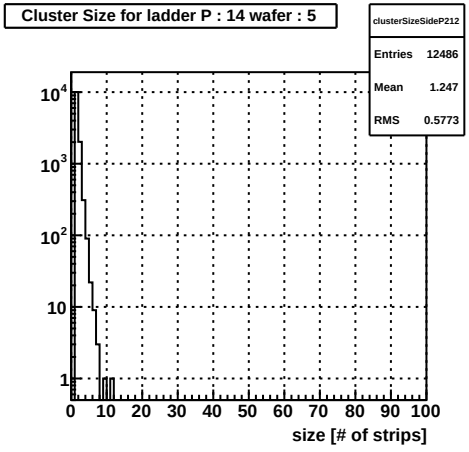

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 17165
Mean 1.324
RMS 0.6312
size [# of strips]

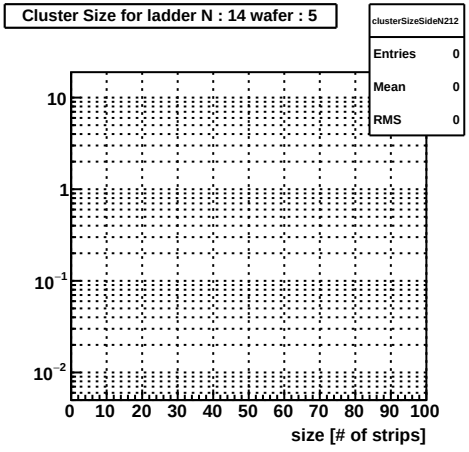

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 16918
Mean 1.584
RMS 0.9283
size [# of strips]

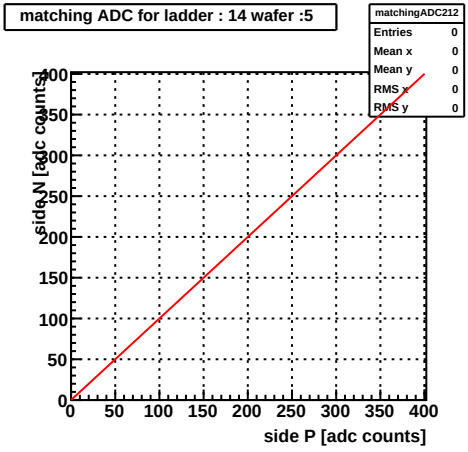

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10723
Mean x 77.08
Mean y 67.04
RMS x 55.51
RMS y 53.72
side N [adc counts]
side P [adc counts]

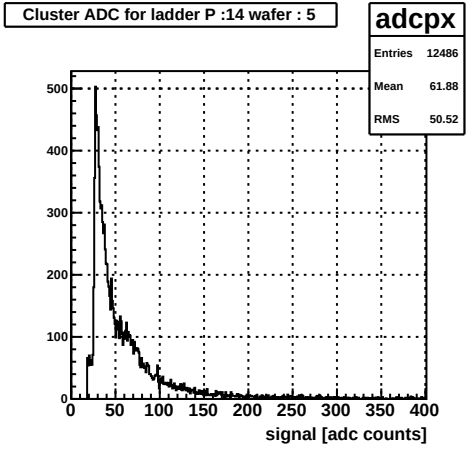

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 17165
Mean 75.62
RMS 62.29
signal [adc counts]

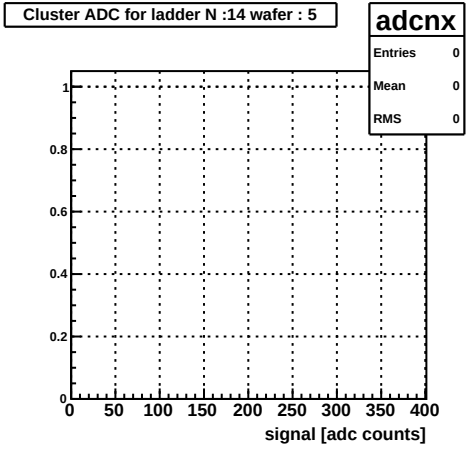

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 16918
Mean 57.04
RMS 52.77
signal [adc counts]

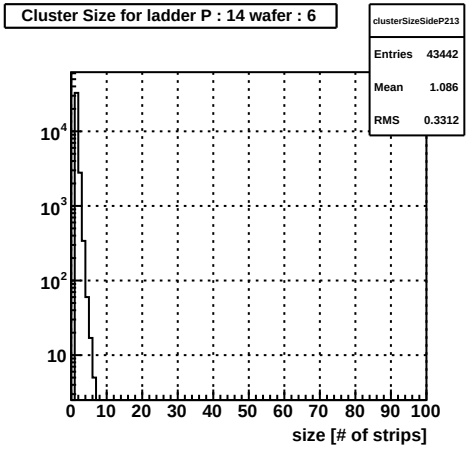

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 12486
Mean 1.247
RMS 0.5773
size [# of strips]

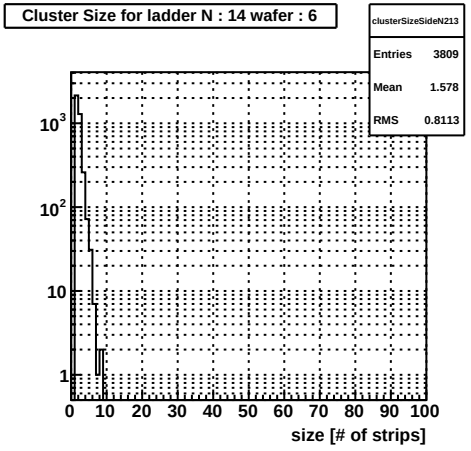

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

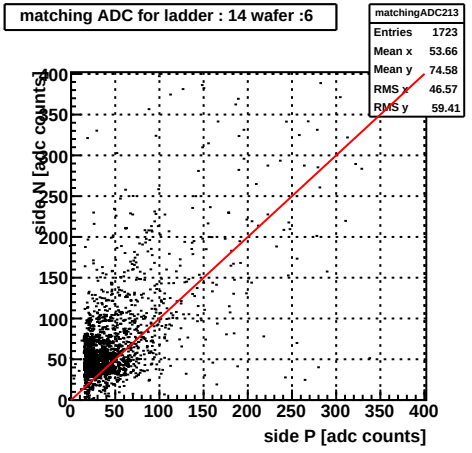

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

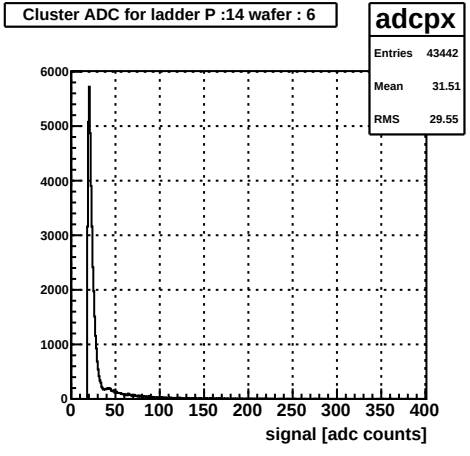

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 12486
Mean 61.88
RMS 50.52
signal [adc counts]

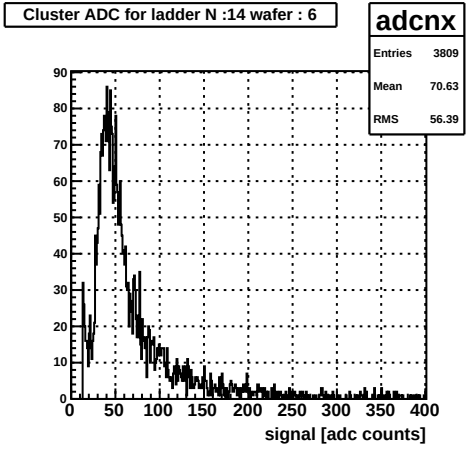

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

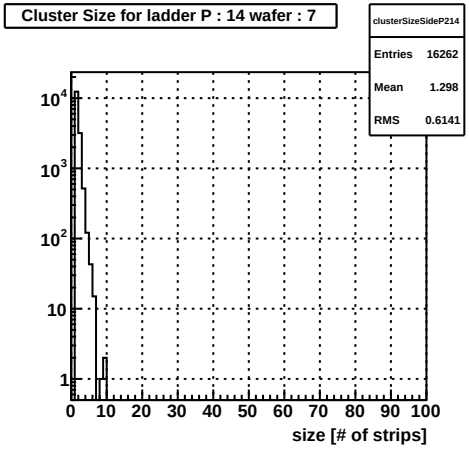

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 43442
Mean 1.086
RMS 0.3312
size [# of strips]

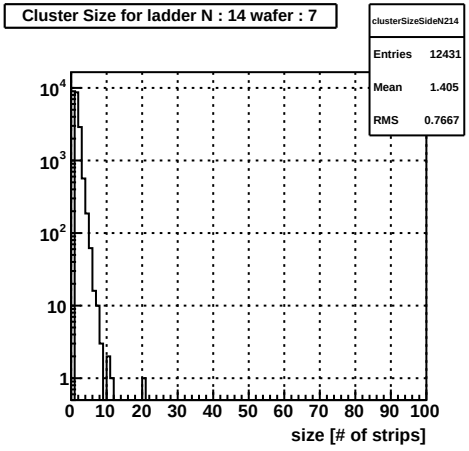

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3809
Mean 1.578
RMS 0.8113
size [# of strips]

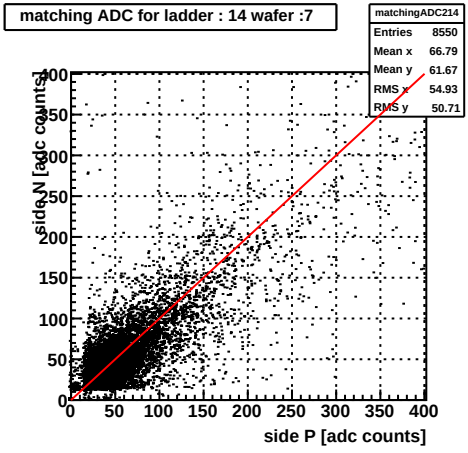

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1723
Mean x 53.66
Mean y 74.58
RMS x 46.57
RMS y 59.41
side N [adc counts]
side P [adc counts]

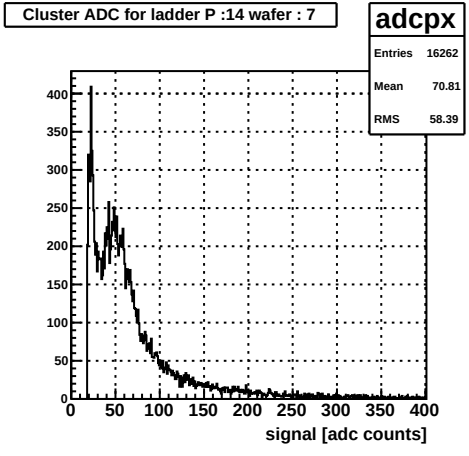

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 43442
Mean 31.51
RMS 29.55
signal [adc counts]

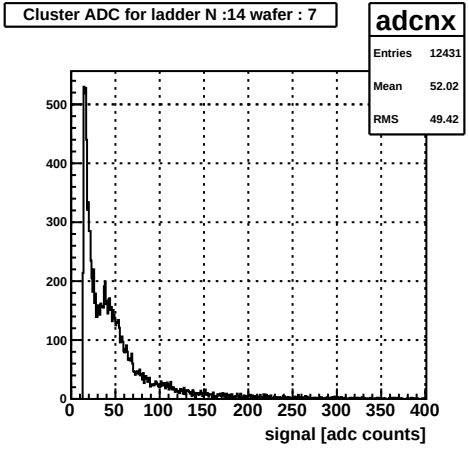

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3809
Mean 70.63
RMS 56.39
signal [adc counts]

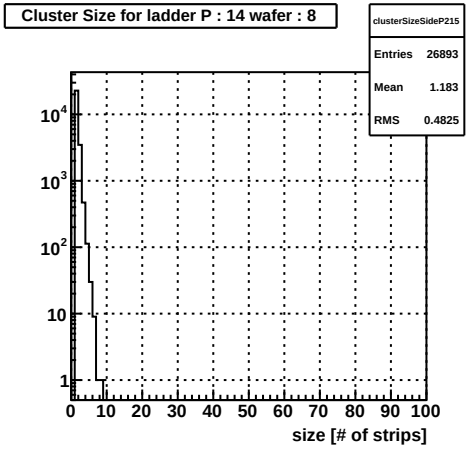

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 16262
Mean 1.298
RMS 0.6141
size [# of strips]

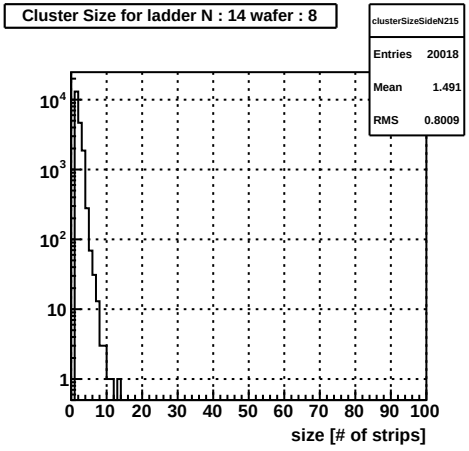

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12431
Mean 1.405
RMS 0.7667
size [# of strips]

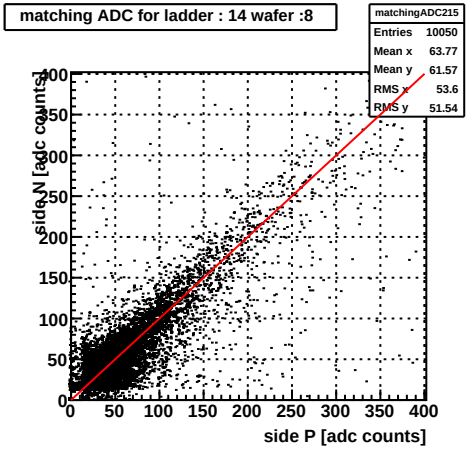

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 8550
Mean x 66.79
Mean y 61.67
RMS x 54.93
RMS y 50.71
side N [adc counts]
side P [adc counts]

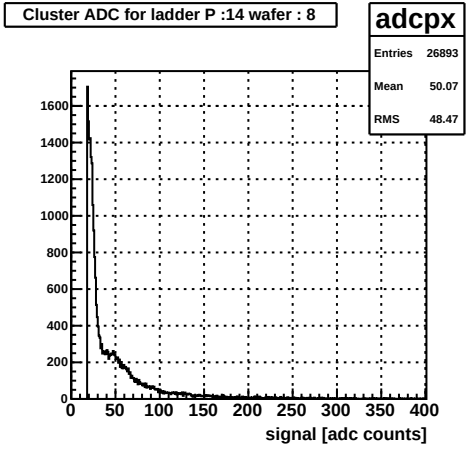

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 16262
Mean 70.81
RMS 58.39
signal [adc counts]

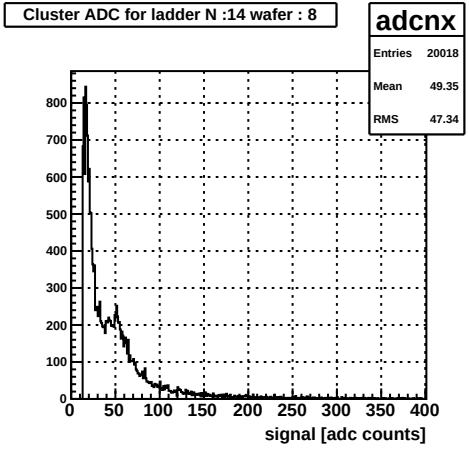

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12431
Mean 52.02
RMS 49.42
signal [adc counts]

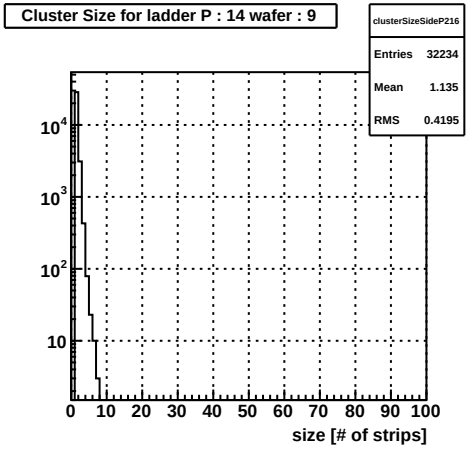

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 26893
Mean 1.183
RMS 0.4825
size [# of strips]

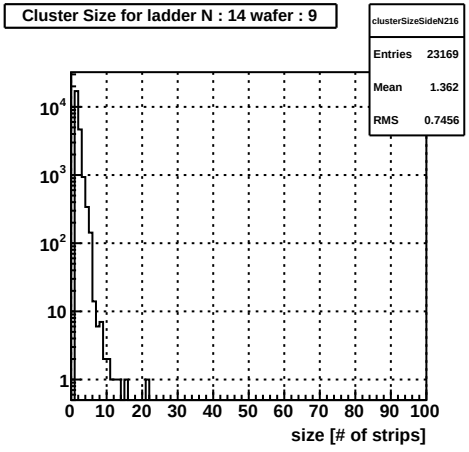

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 20018
Mean 1.491
RMS 0.8009
size [# of strips]

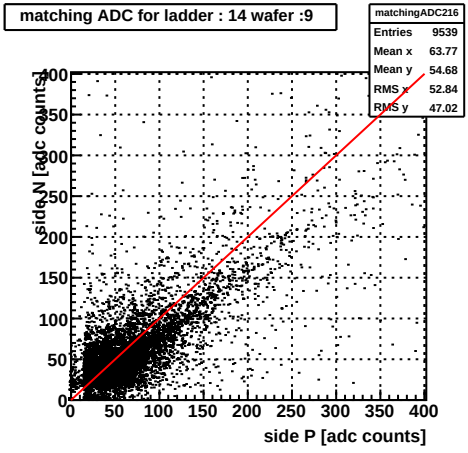

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 10050
Mean x 63.77
Mean y 61.57
RMS x 53.6
RMS y 51.54
side N [adc counts]
side P [adc counts]

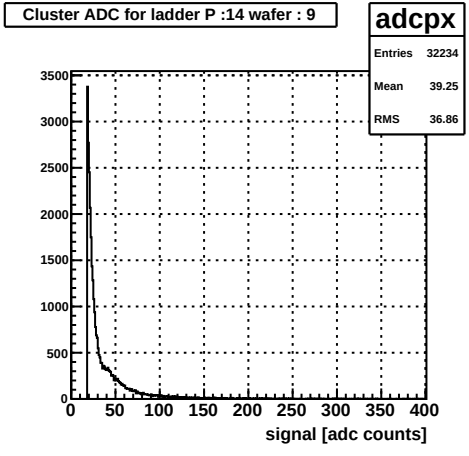

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 26893
Mean 50.07
RMS 48.47
signal [adc counts]

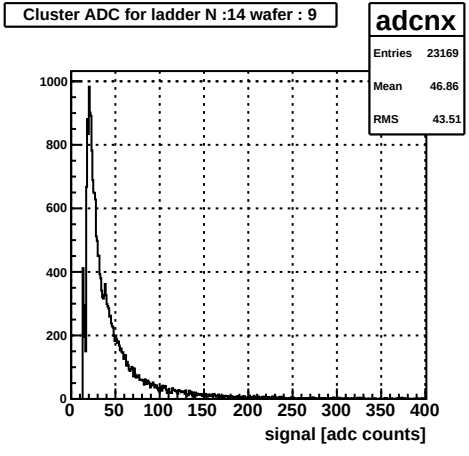

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 20018
Mean 49.35
RMS 47.34
signal [adc counts]

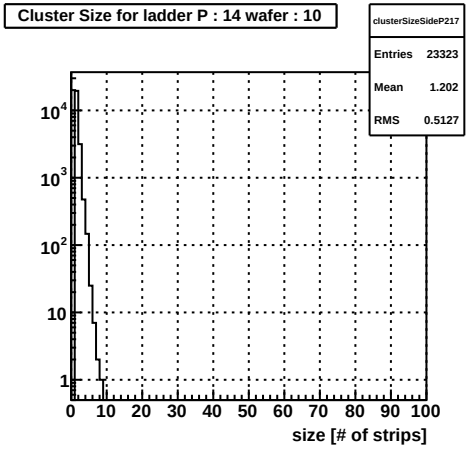

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 32234
Mean 1.135
RMS 0.4195
size [# of strips]

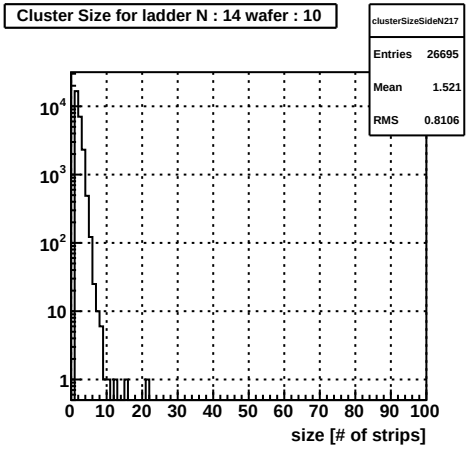

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 23169
Mean 1.362
RMS 0.7456
size [# of strips]

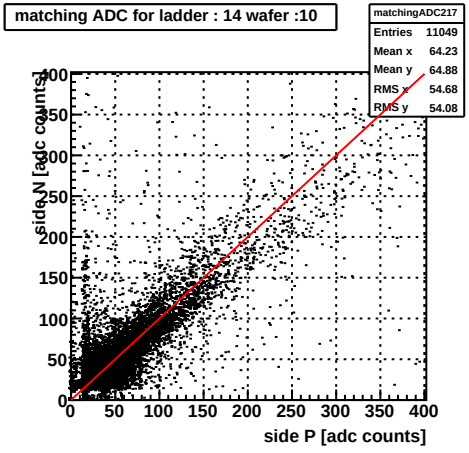

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 9539
Mean x 63.77
Mean y 54.68
RMS x 52.84
RMS y 47.02
side N [adc counts]
side P [adc counts]

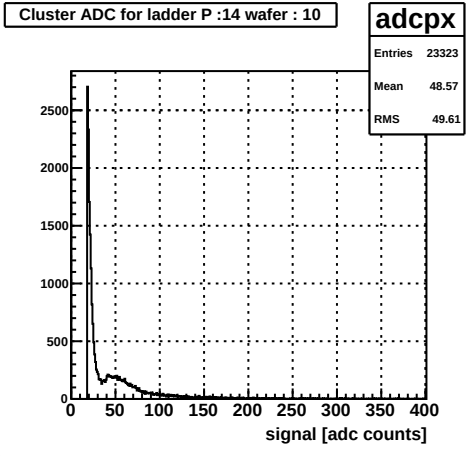

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 32234
Mean 39.25
RMS 36.86
signal [adc counts]

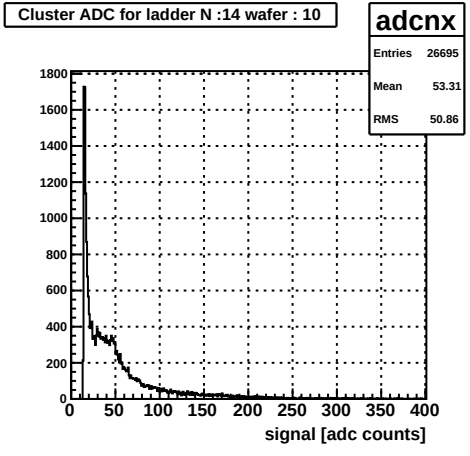

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 23169
Mean 46.86
RMS 43.51
signal [adc counts]

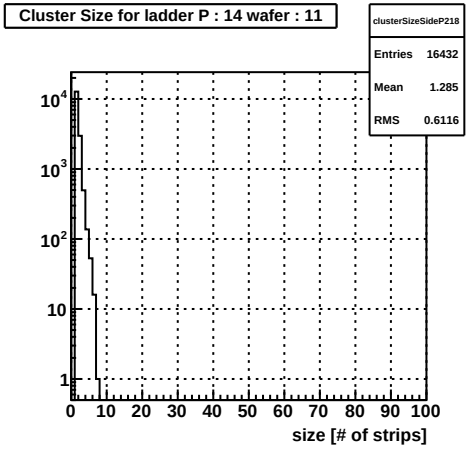

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 23323
Mean 1.202
RMS 0.5127
size [# of strips]

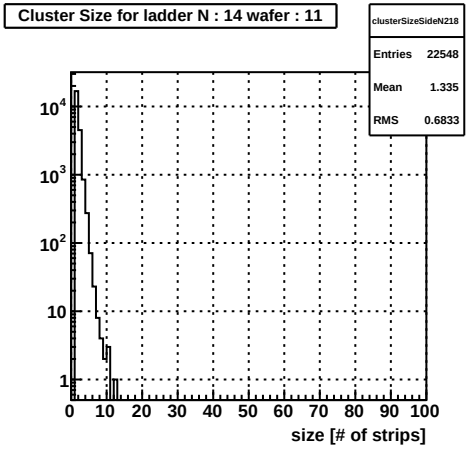

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 26695
Mean 1.521
RMS 0.8106
size [# of strips]

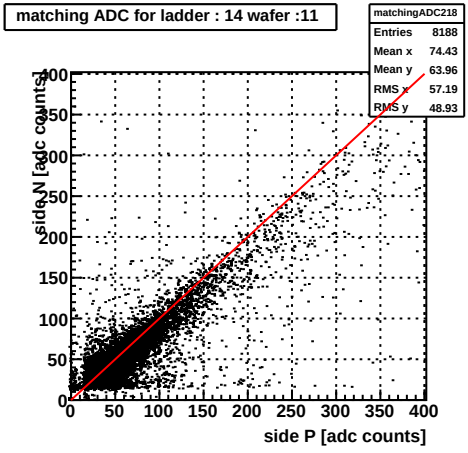

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 11049
Mean x 64.23
Mean y 64.88
RMS x 54.68
RMS y 54.08
side N [adc counts]
side P [adc counts]

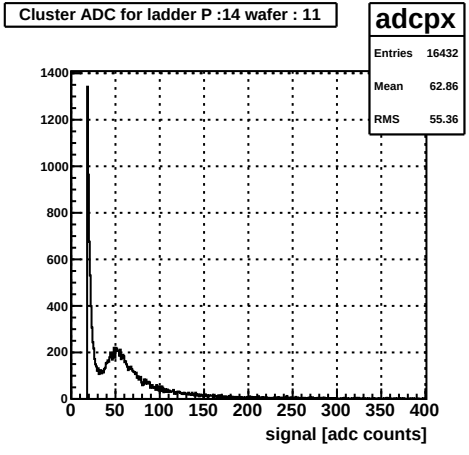

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 23323
Mean 48.57
RMS 49.61
signal [adc counts]

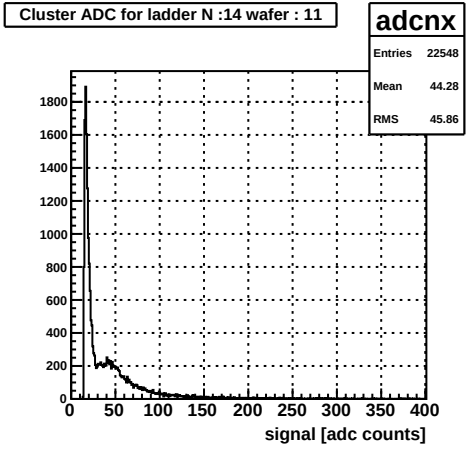

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 26695
Mean 53.31
RMS 50.86
signal [adc counts]

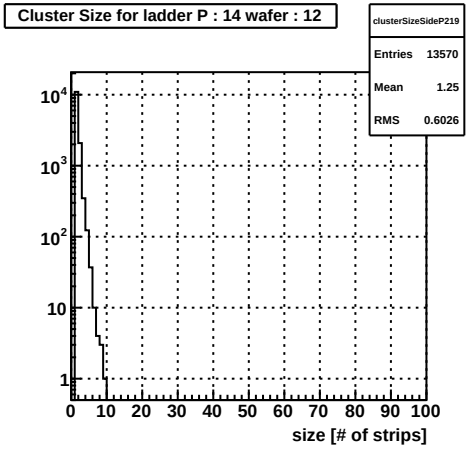

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 16432
Mean 1.285
RMS 0.6116
size [# of strips]

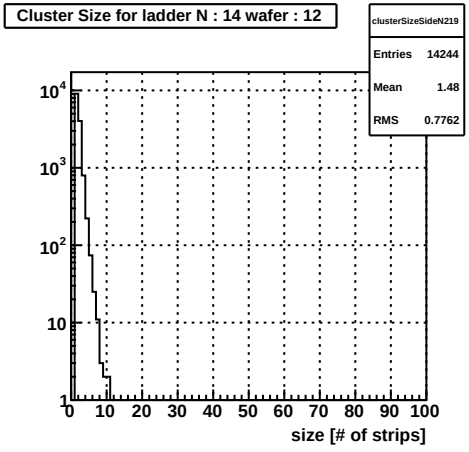

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22548
Mean 1.335
RMS 0.6833
size [# of strips]

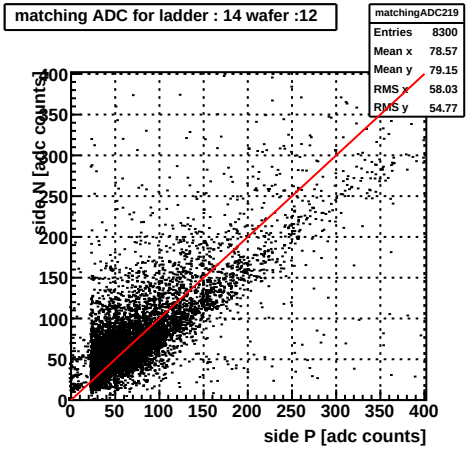

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8188
Mean x 74.43
Mean y 63.96
RMS x 57.19
RMS y 48.93
side N [adc counts]
side P [adc counts]

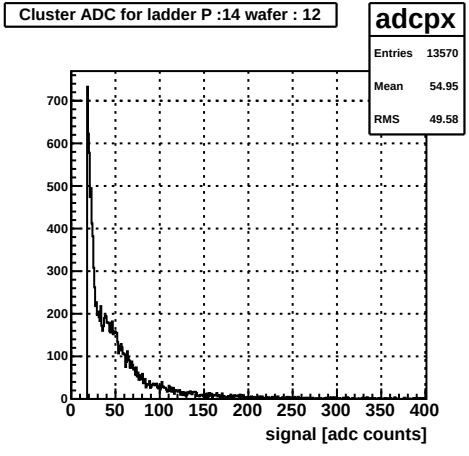

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 16432
Mean 62.86
RMS 55.36
signal [adc counts]

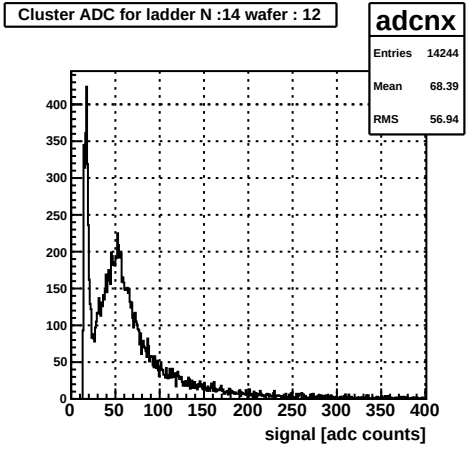

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22548
Mean 44.28
RMS 45.86
signal [adc counts]

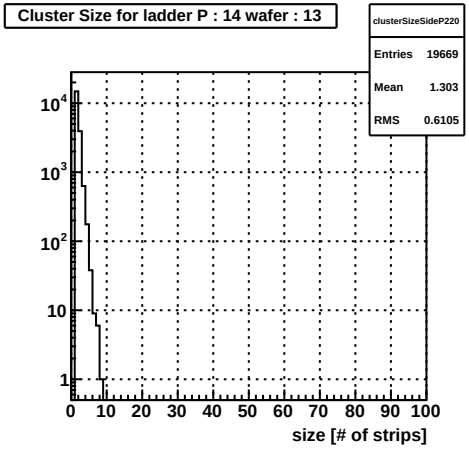

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 13570
Mean 1.25
RMS 0.6026
size [# of strips]

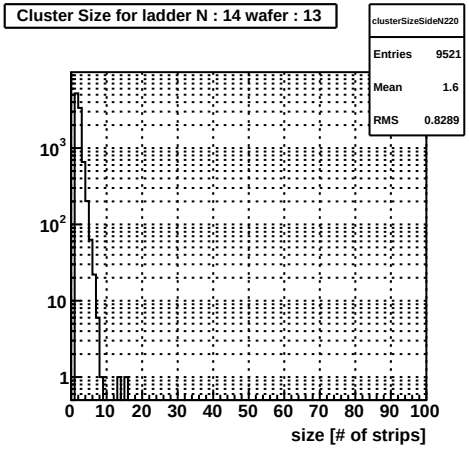

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 14244
Mean 1.48
RMS 0.7762
size [# of strips]

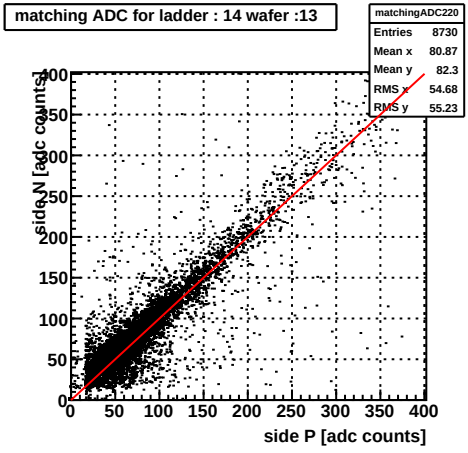

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 8300
Mean x 78.57
Mean y 79.15
RMS x 58.03
RMS y 54.77
side N [adc counts]
side P [adc counts]

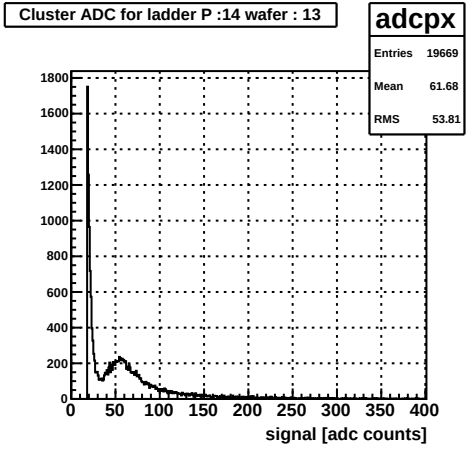

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 13570
Mean 54.95
RMS 49.58
signal [adc counts]

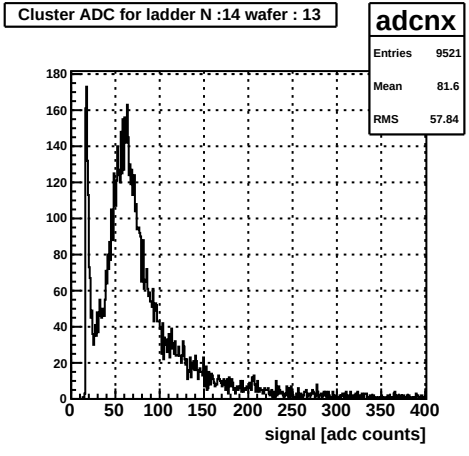

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 14244
Mean 68.39
RMS 56.94
signal [adc counts]

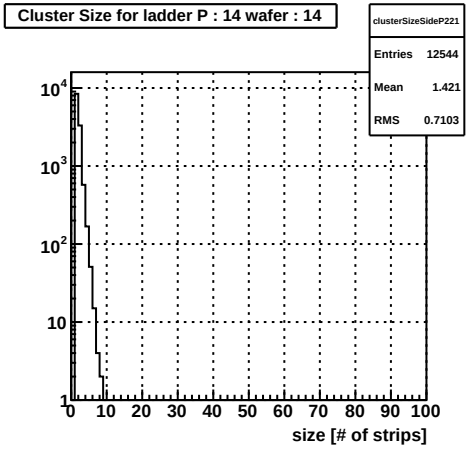

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 19669
Mean 1.303
RMS 0.6105
size [# of strips]

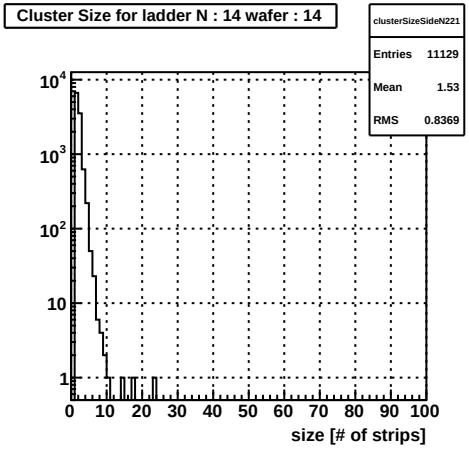

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9521
Mean 1.6
RMS 0.8289
size [# of strips]

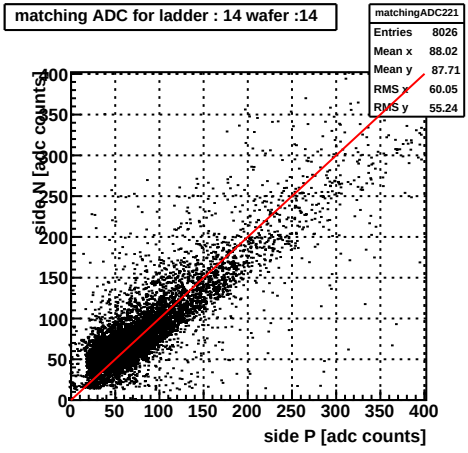

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8730
Mean x 80.87
Mean y 82.3
RMS x 54.68
RMS y 55.23
side N [adc counts]
side P [adc counts]

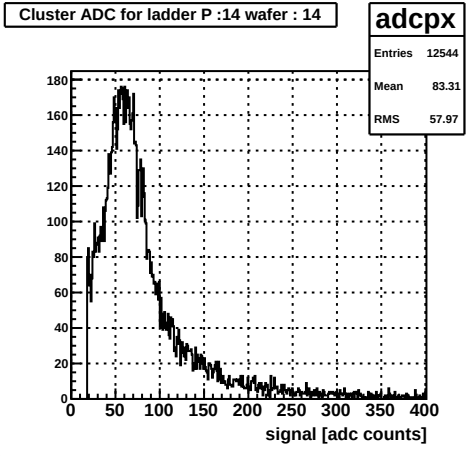

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 19669
Mean 61.68
RMS 53.81
signal [adc counts]

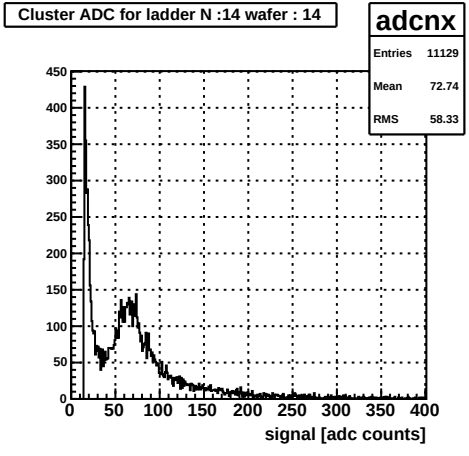

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9521
Mean 81.6
RMS 57.84
signal [adc counts]

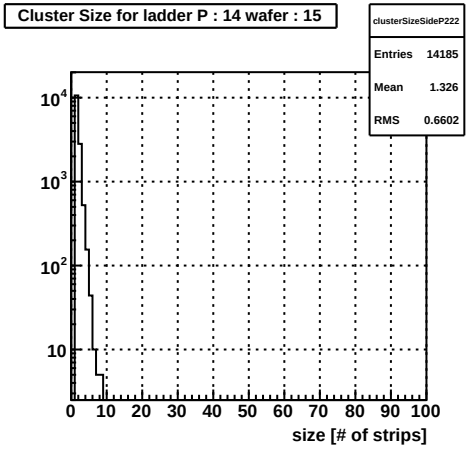

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 12544
Mean 1.421
RMS 0.7103
size [# of strips]

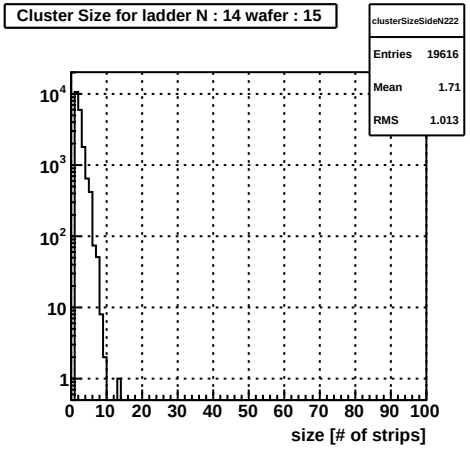

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11129
Mean 1.53
RMS 0.8369
size [# of strips]

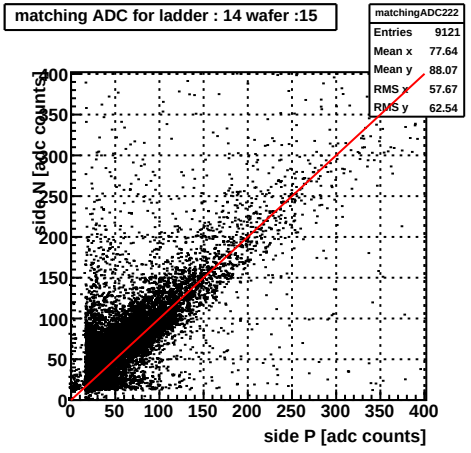

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8026
Mean x 88.02
Mean y 87.71
RMS x 60.05
RMS y 55.24
side N [adc counts]
side P [adc counts]

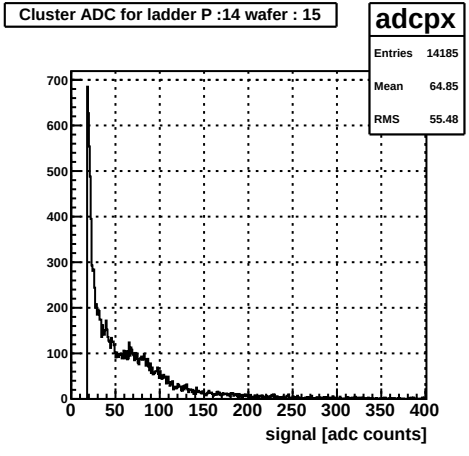

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 12544
Mean 83.31
RMS 57.97
signal [adc counts]

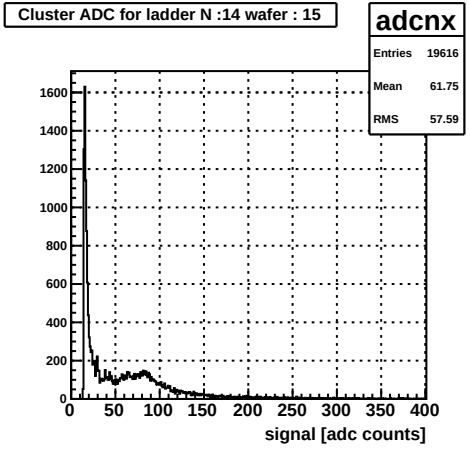

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11129
Mean 72.74
RMS 58.33
signal [adc counts]

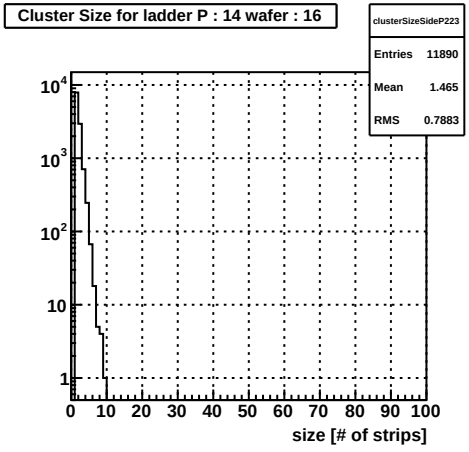

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 14185
Mean 1.326
RMS 0.6602
size [# of strips]

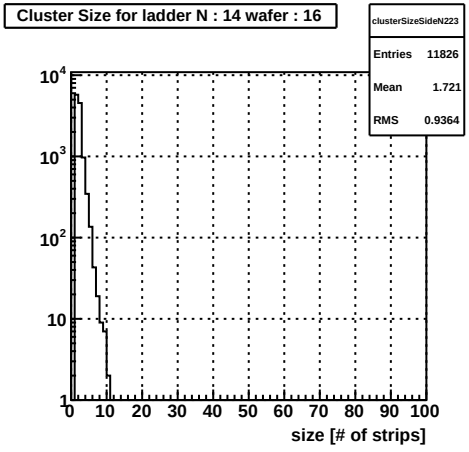

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 19616
Mean 1.71
RMS 1.013
size [# of strips]

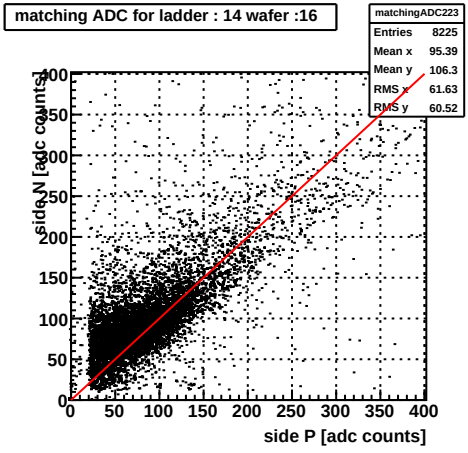

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9121
Mean x 77.64
Mean y 88.07
RMS x 57.67
RMS y 62.54
side N [adc counts]
side P [adc counts]

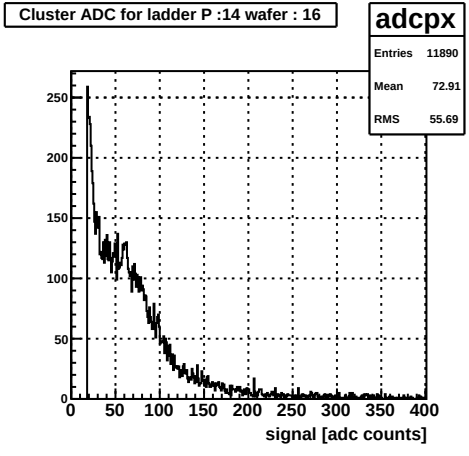

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 14185
Mean 64.85
RMS 55.48
signal [adc counts]

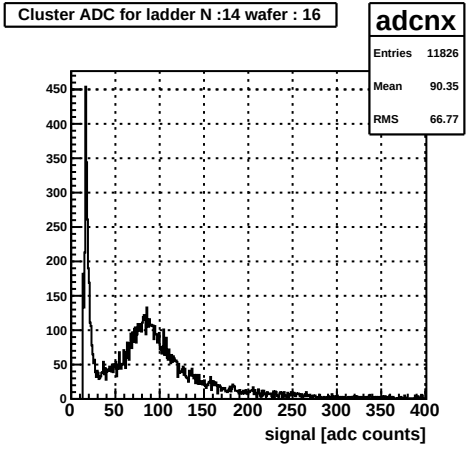

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 19616
Mean 61.75
RMS 57.59
signal [adc counts]

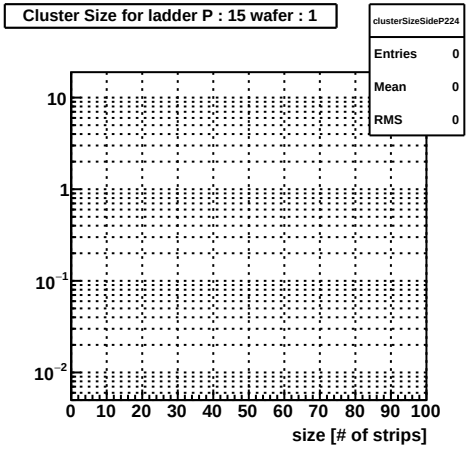

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 11890
Mean 1.465
RMS 0.7883
size [# of strips]

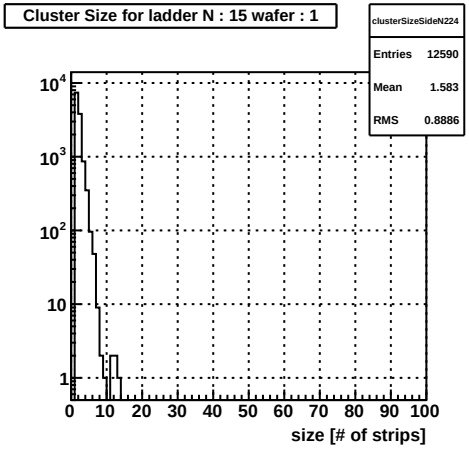

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 11826
Mean 1.721
RMS 0.9364
size [# of strips]

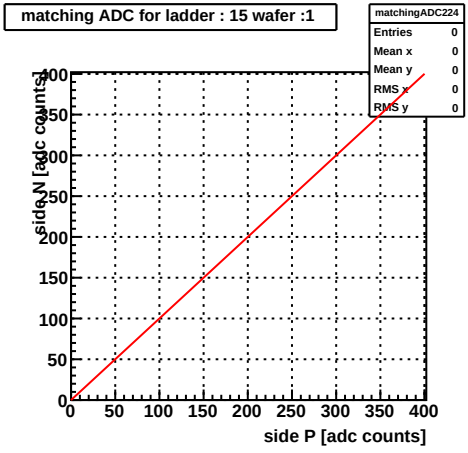

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8225
Mean x 95.39
Mean y 106.3
RMS x 61.63
RMS y 60.52
side N [adc counts]
side P [adc counts]

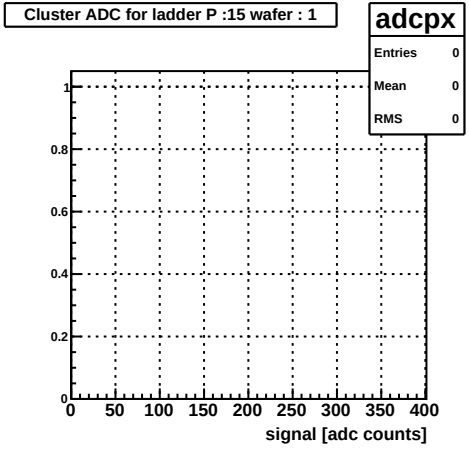

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 11890
Mean 72.91
RMS 55.69
signal [adc counts]

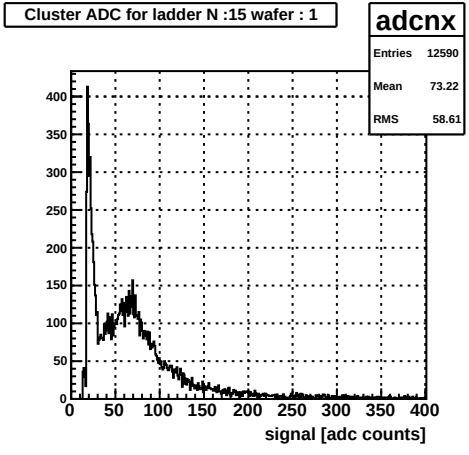

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 11826
Mean 90.35
RMS 66.77
signal [adc counts]

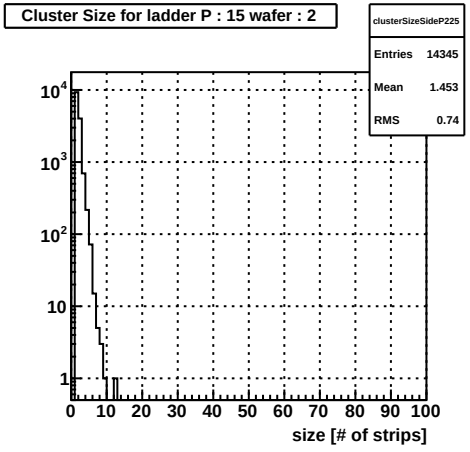

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

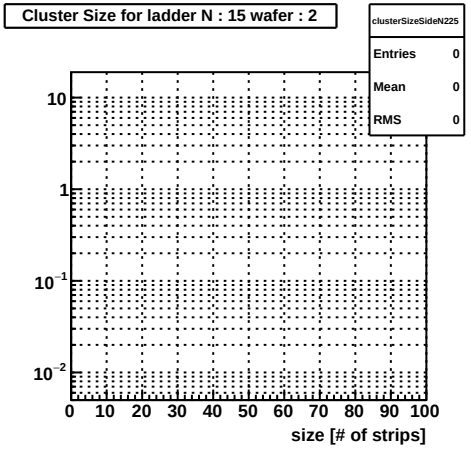

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 12590
Mean 1.583
RMS 0.8886
size [# of strips]

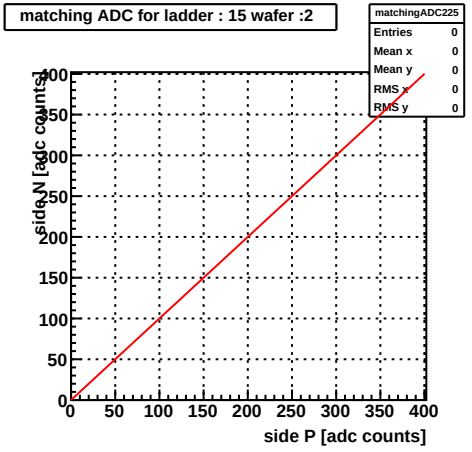

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

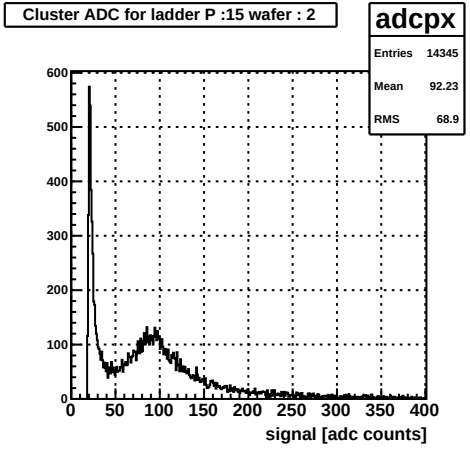

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

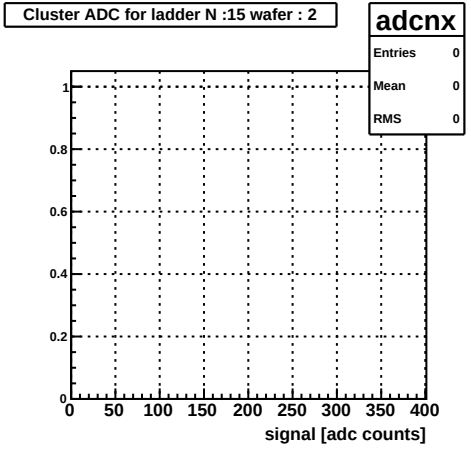

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 12590
Mean 73.22
RMS 58.61
signal [adc counts]

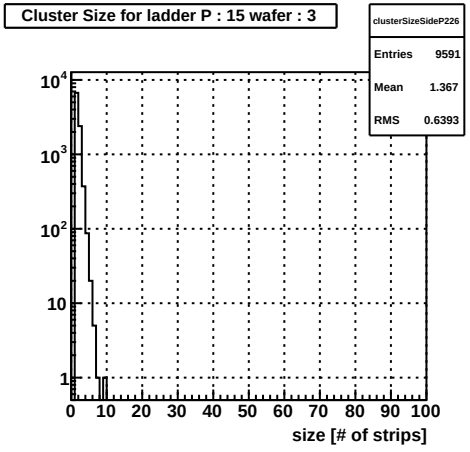

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14345
Mean 1.453
RMS 0.74
size [# of strips]

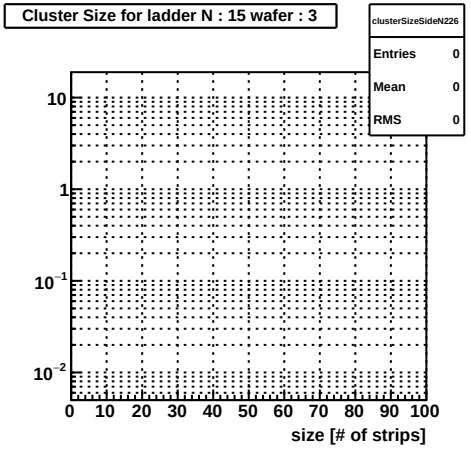

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

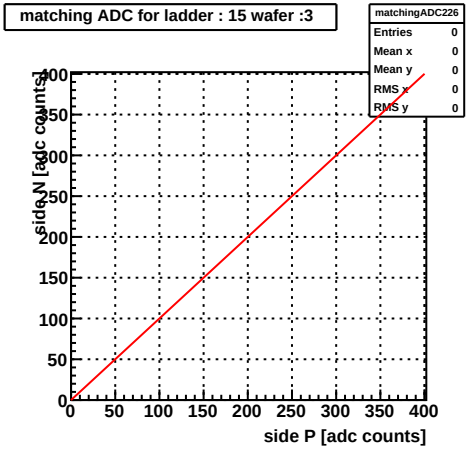

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

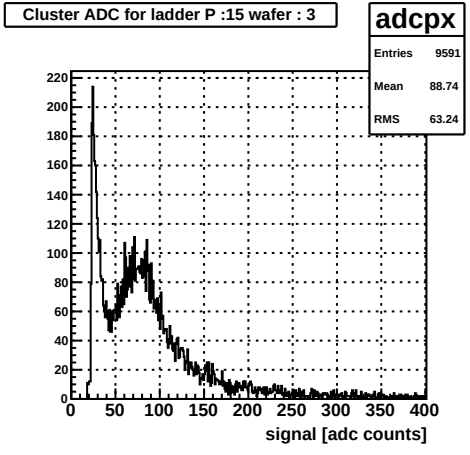

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14345
Mean 92.23
RMS 68.9
signal [adc counts]

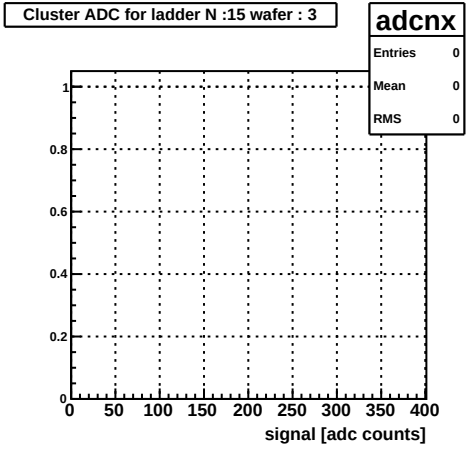

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

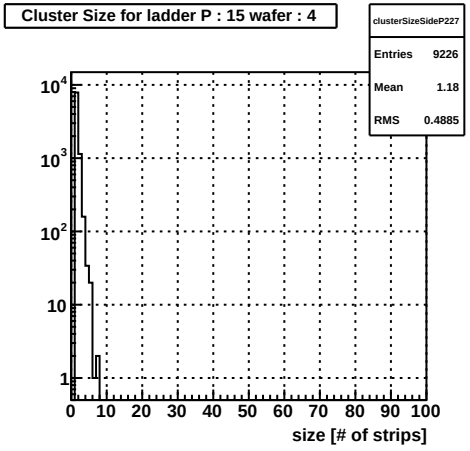

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 9591
Mean 1.367
RMS 0.6393
size [# of strips]

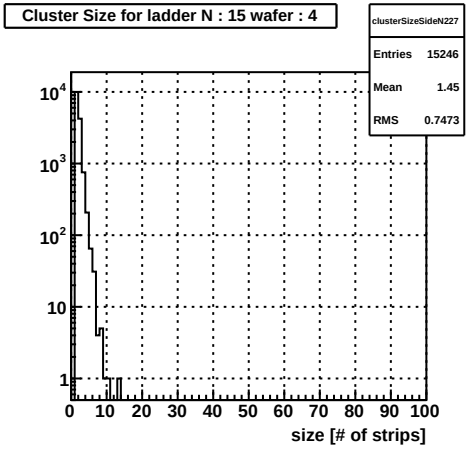

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

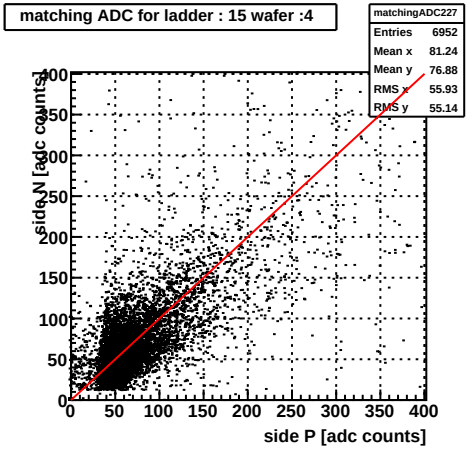

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

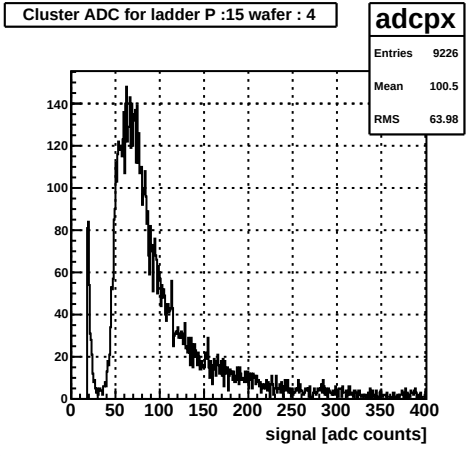

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 9591
Mean 88.74
RMS 63.24
signal [adc counts]

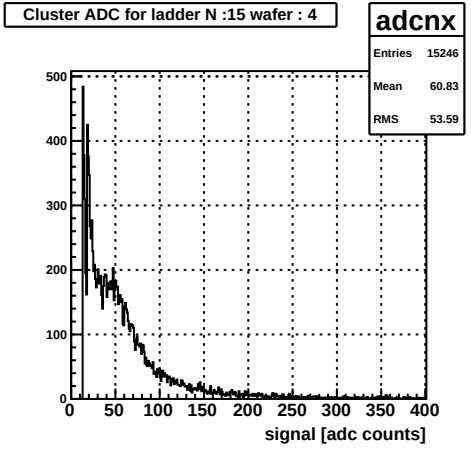

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

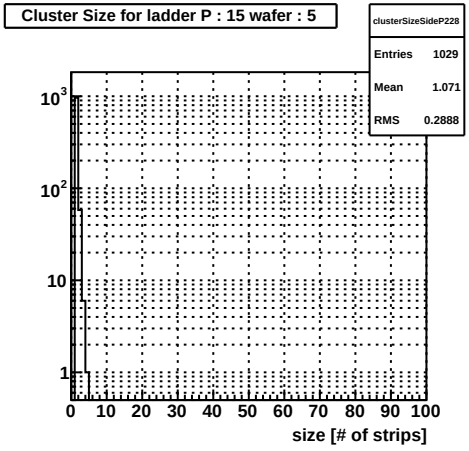

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 9226
Mean 1.18
RMS 0.4885
size [# of strips]

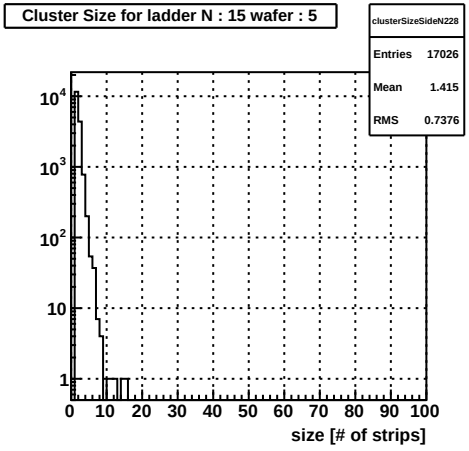

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 15246
Mean 1.45
RMS 0.7473
size [# of strips]

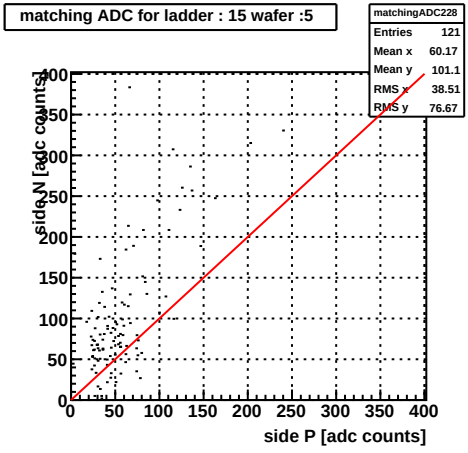

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6952
Mean x 81.24
Mean y 76.88
RMS x 55.93
RMS y 55.14
side N [adc counts]
side P [adc counts]

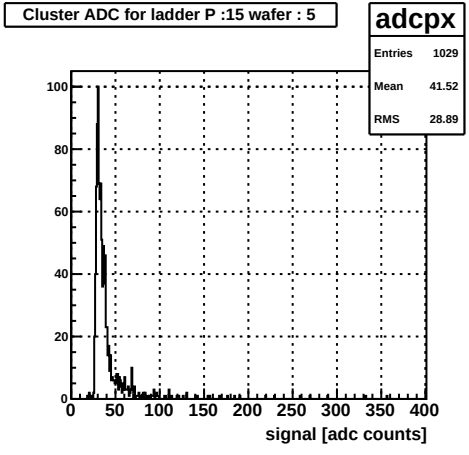

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 9226
Mean 100.5
RMS 63.98
signal [adc counts]

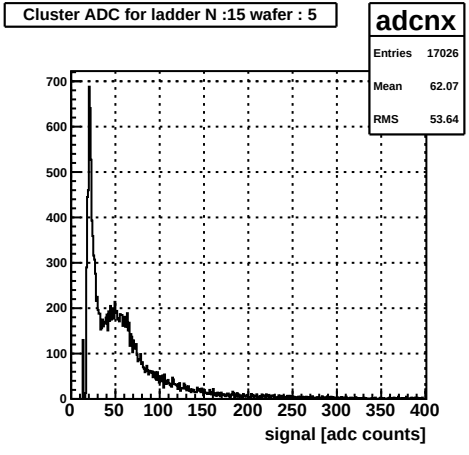

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 15246
Mean 60.83
RMS 53.59
signal [adc counts]

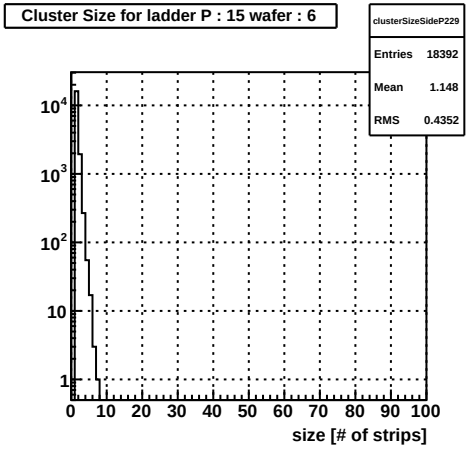

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1029
Mean 1.071
RMS 0.2888
size [# of strips]

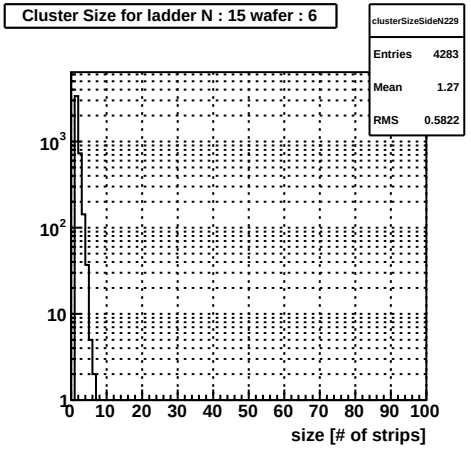

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 17026
Mean 1.415
RMS 0.7376
size [# of strips]

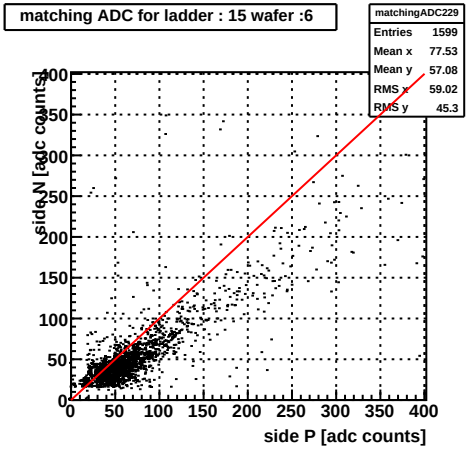

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 121
Mean x 60.17
Mean y 101.1
RMS x 38.51
RMS y 76.67
side N [adc counts]
side P [adc counts]

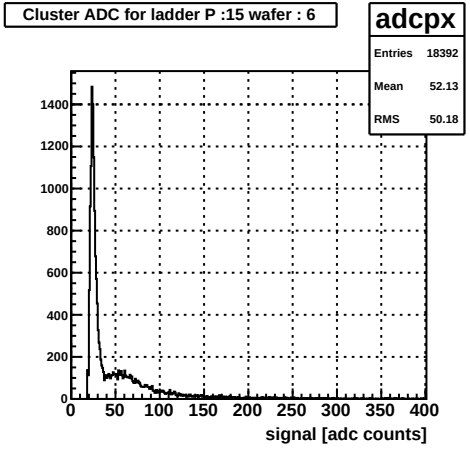

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1029
Mean 41.52
RMS 28.89
signal [adc counts]

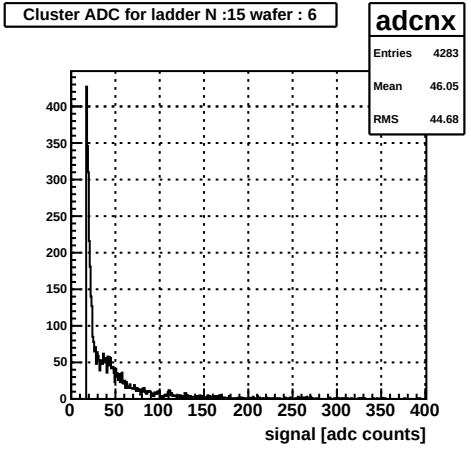

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 17026
Mean 62.07
RMS 53.64
signal [adc counts]

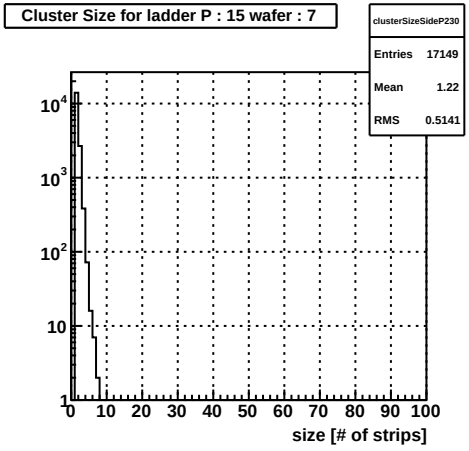

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 18392
Mean 1.148
RMS 0.4352
size [# of strips]

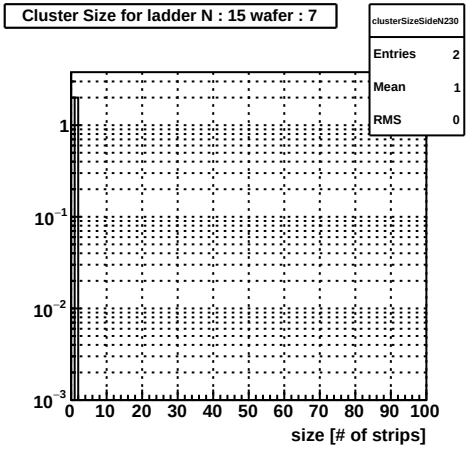

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4283
Mean 1.27
RMS 0.5822
size [# of strips]

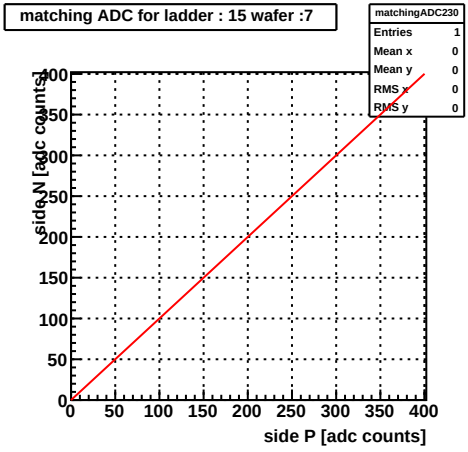

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1599
Mean x 77.53
Mean y 57.08
RMS x 59.02
RMS y 45.3
side N [adc counts]
side P [adc counts]

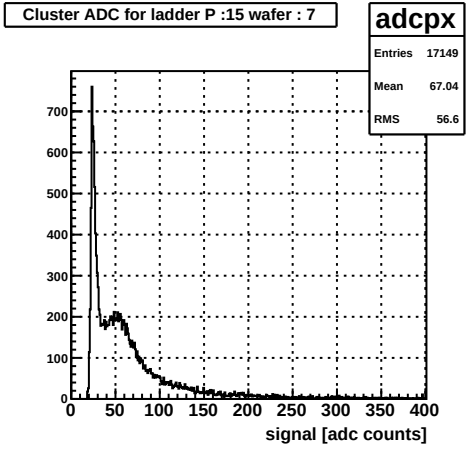

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 18392
Mean 52.13
RMS 50.18
signal [adc counts]

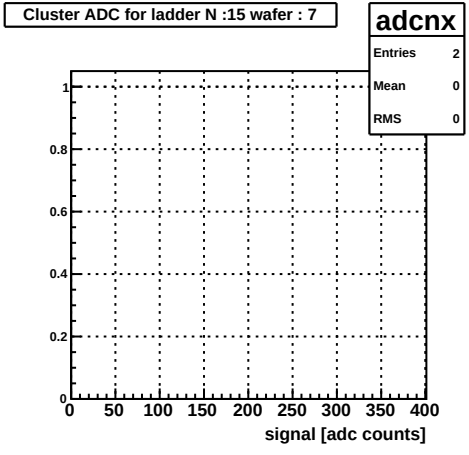

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4283
Mean 46.05
RMS 44.68
signal [adc counts]

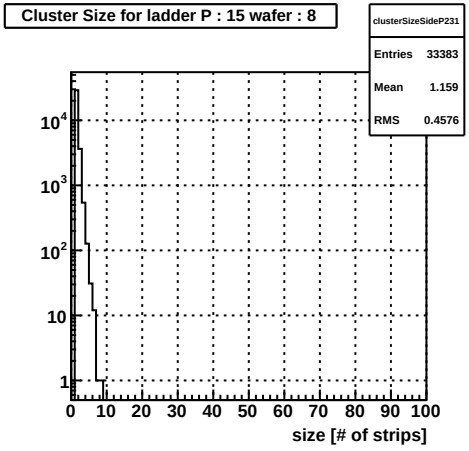

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 17149
Mean 1.22
RMS 0.5141
size [# of strips]

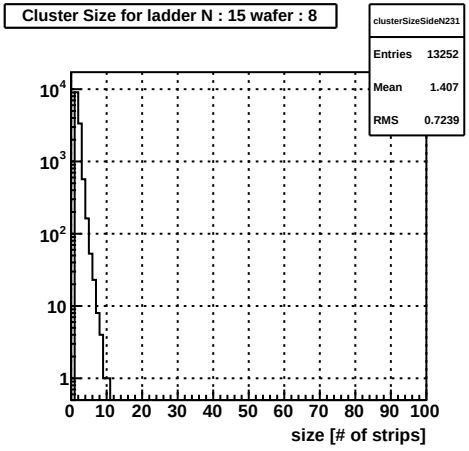

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

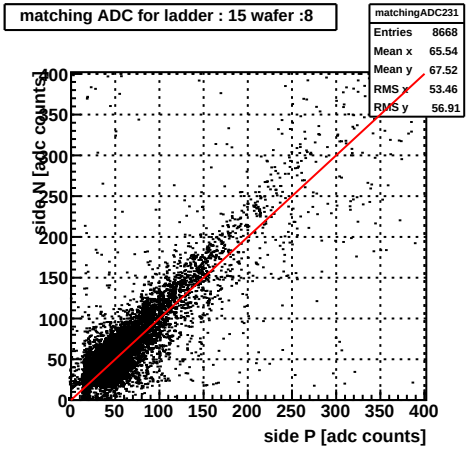

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

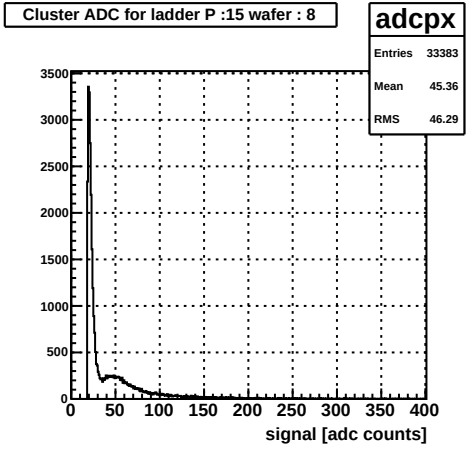

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 17149
Mean 67.04
RMS 56.6
signal [adc counts]

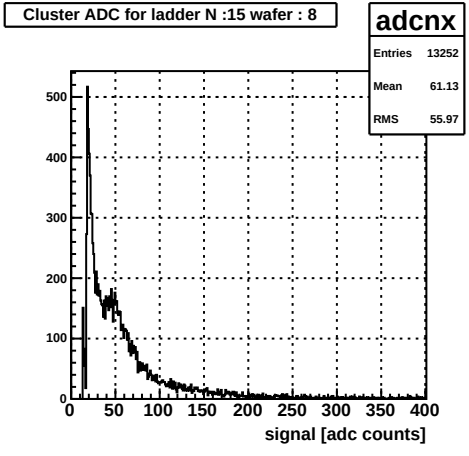

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

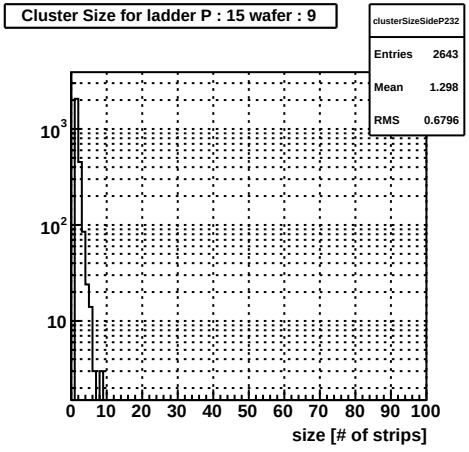

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 33383
Mean 1.159
RMS 0.4576
size [# of strips]

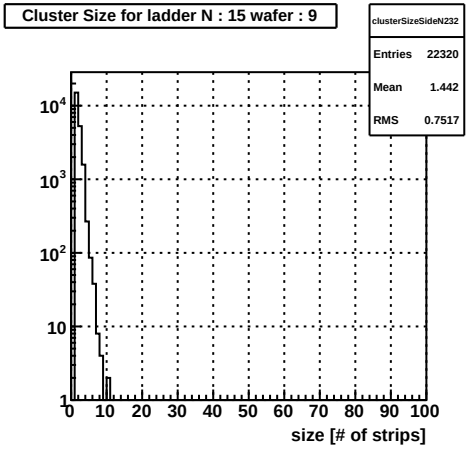

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 13252
Mean 1.407
RMS 0.7239
size [# of strips]

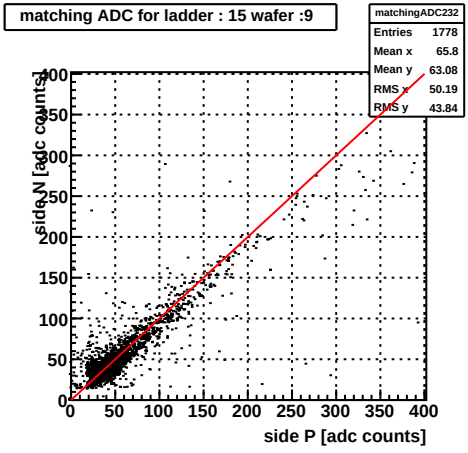

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8668
Mean x 65.54
Mean y 67.52
RMS x 53.46
RMS y 56.91
side N [adc counts]
side P [adc counts]

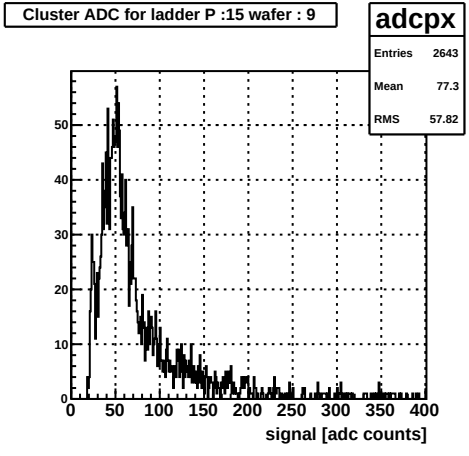

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 33383
Mean 45.36
RMS 46.29
signal [adc counts]

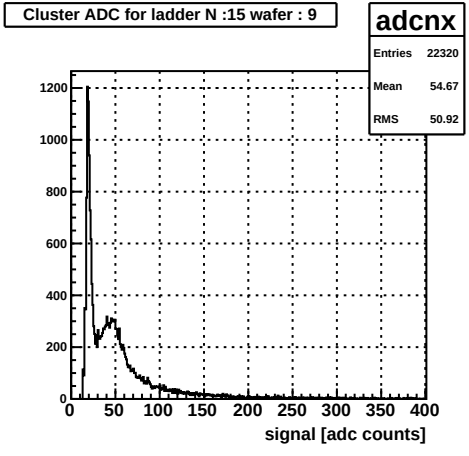

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 13252
Mean 61.13
RMS 55.97
signal [adc counts]

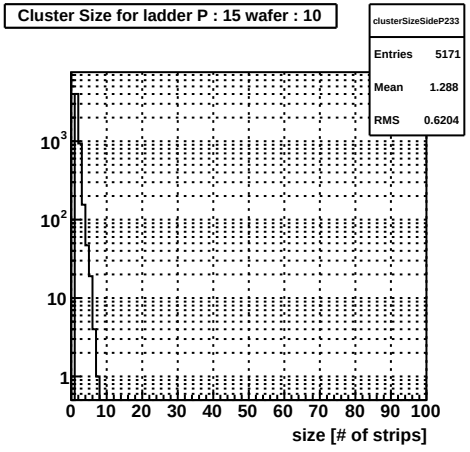

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2643
Mean 1.298
RMS 0.6796
size [# of strips]

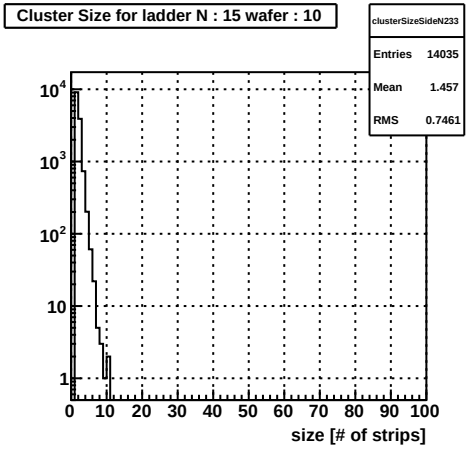

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 22320
Mean 1.442
RMS 0.7517
size [# of strips]

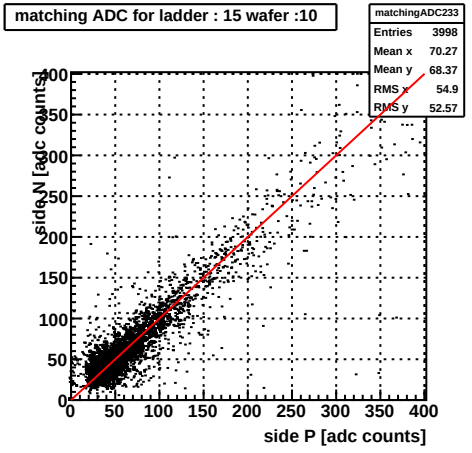

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1778
Mean x 65.8
Mean y 63.08
RMS x 50.19
RMS y 43.84
side N [adc counts]
side P [adc counts]

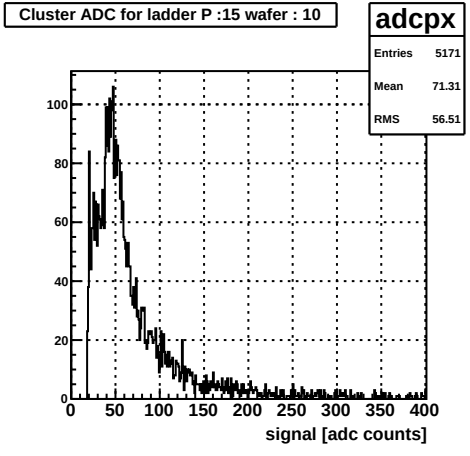

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2643
Mean 77.3
RMS 57.82
signal [adc counts]

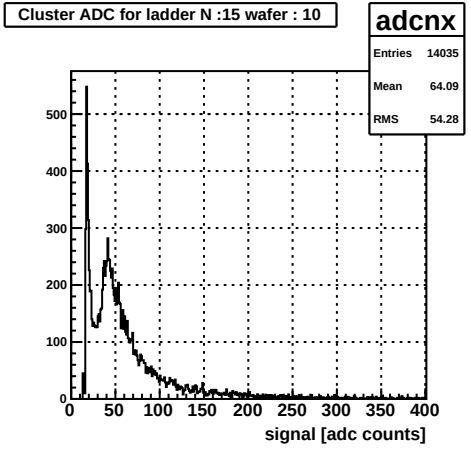

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 22320
Mean 54.67
RMS 50.92
signal [adc counts]

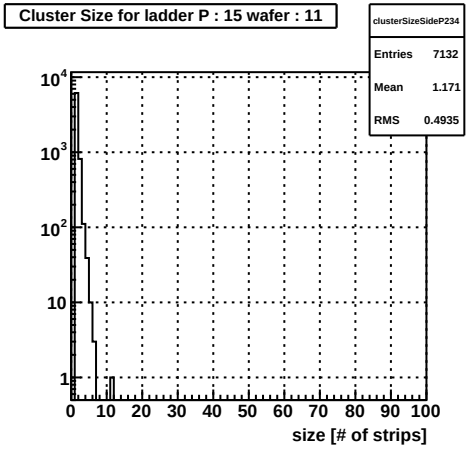

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5171
Mean 1.288
RMS 0.6204
size [# of strips]

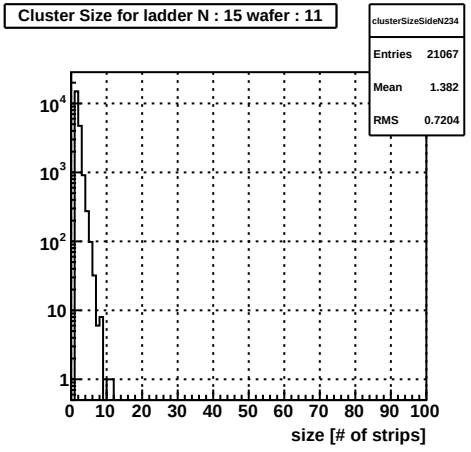

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 14035
Mean 1.457
RMS 0.7461
size [# of strips]

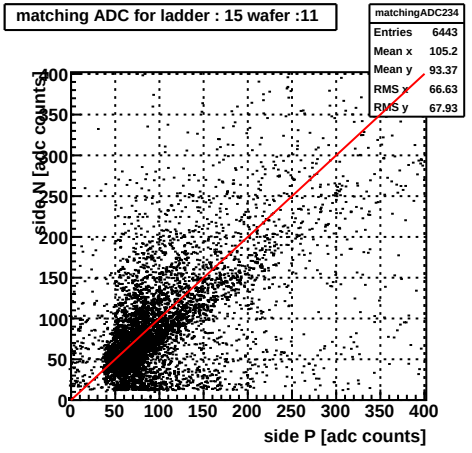

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 3998
Mean x 70.27
Mean y 68.37
RMS x 54.9
RMS y 52.57
side N [adc counts]
side P [adc counts]

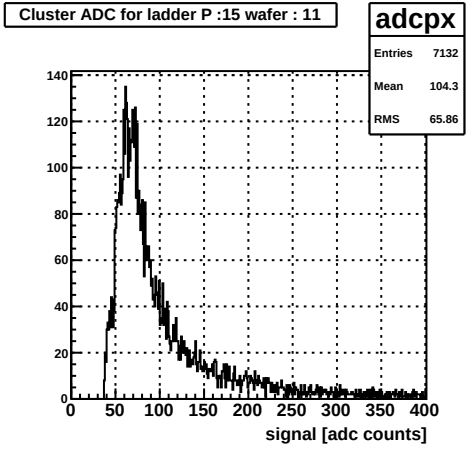

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5171
Mean 71.31
RMS 56.51
signal [adc counts]

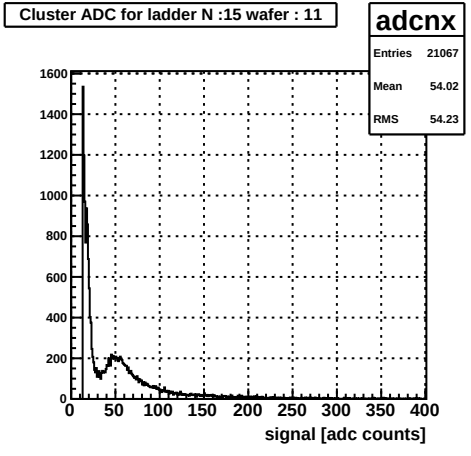

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 14035
Mean 64.09
RMS 54.28
signal [adc counts]

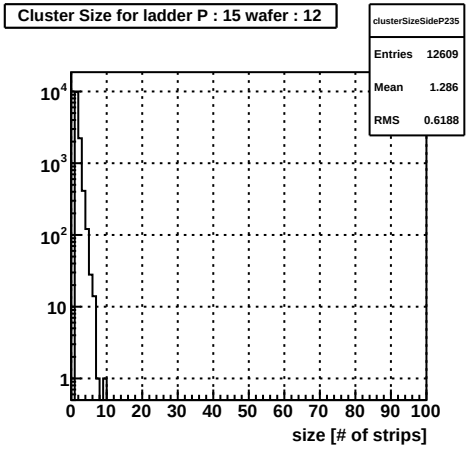

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7132
Mean 1.171
RMS 0.4935
size [# of strips]

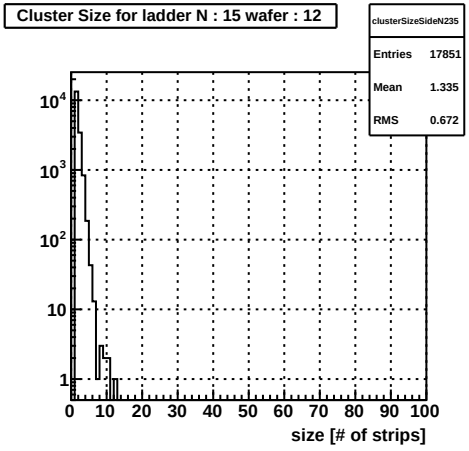

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 21067
Mean 1.382
RMS 0.7204
size [# of strips]

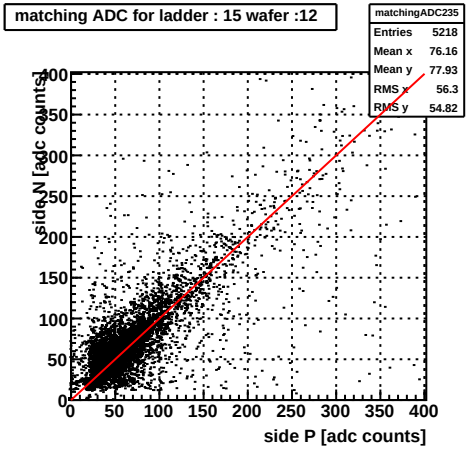

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 6443
Mean x 105.2
Mean y 93.37
RMS x 66.63
RMS y 67.93
side N [adc counts]
side P [adc counts]

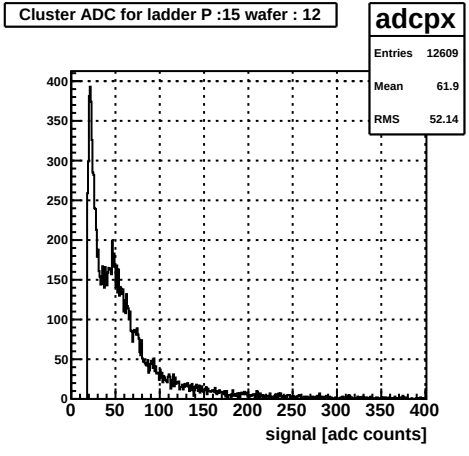

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7132
Mean 104.3
RMS 65.86
signal [adc counts]

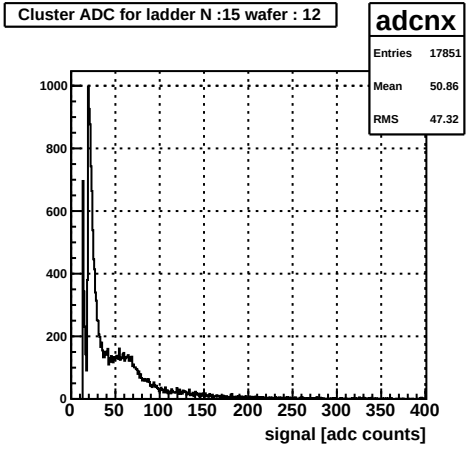

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 21067
Mean 54.02
RMS 54.23
signal [adc counts]

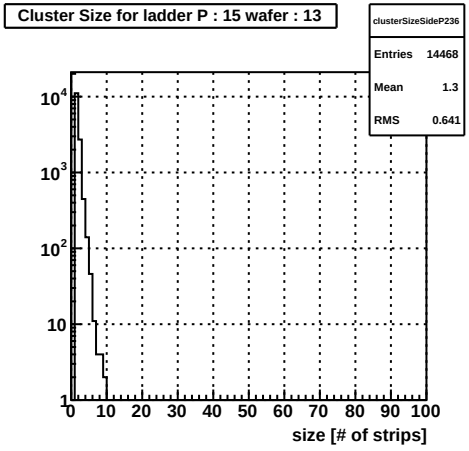

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 12609
Mean 1.286
RMS 0.6188
size [# of strips]

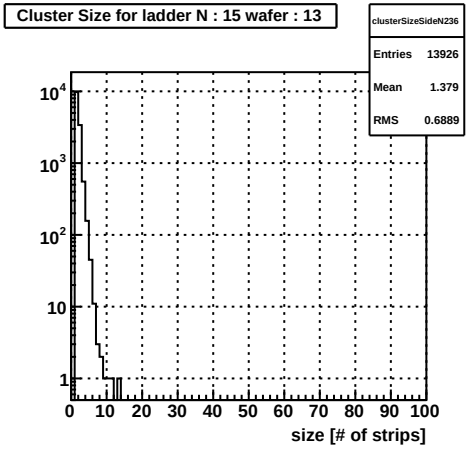

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 17851
Mean 1.335
RMS 0.672
size [# of strips]

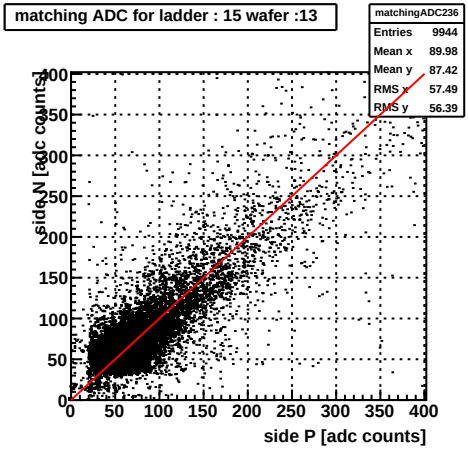

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 5218
Mean x 76.16
Mean y 77.93
RMS x 56.3
RMS y 54.82
side N [adc counts]
side P [adc counts]

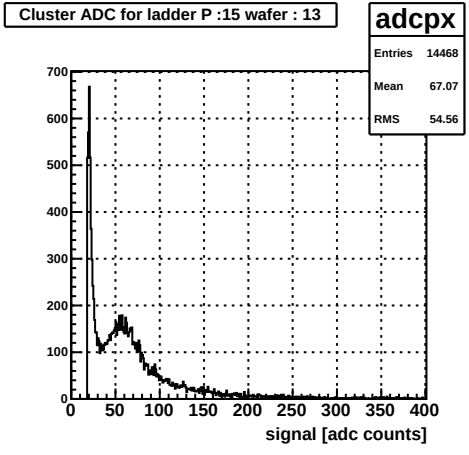

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 12609
Mean 61.9
RMS 52.14
signal [adc counts]

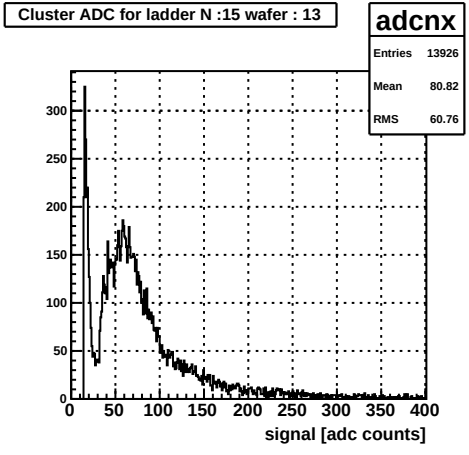

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 17851
Mean 50.86
RMS 47.32
signal [adc counts]

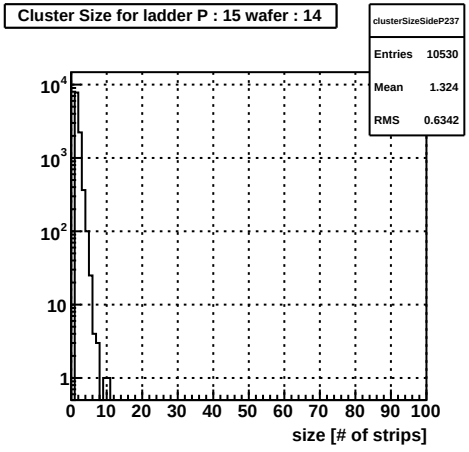

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 14468
Mean 1.3
RMS 0.641
size [# of strips]

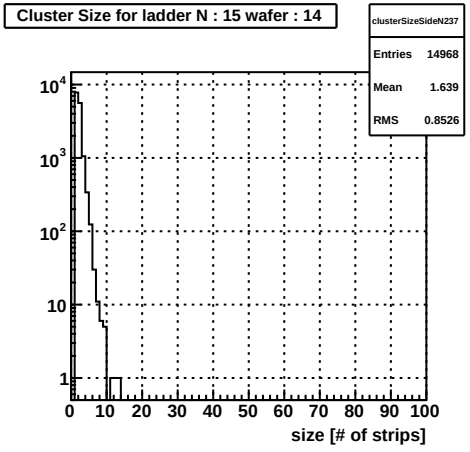

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 13926
Mean 1.379
RMS 0.6889
size [# of strips]

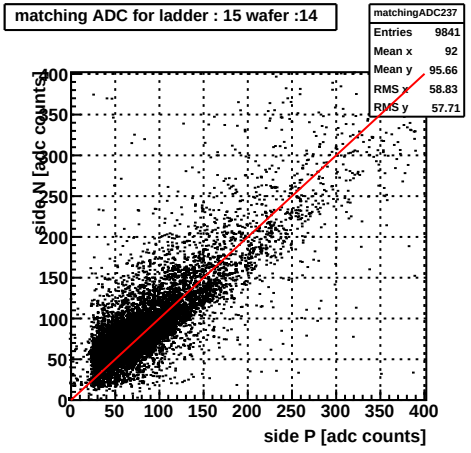

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9944
Mean x 89.98
Mean y 87.42
RMS x 57.49
RMS y 56.39
side N [adc counts]
side P [adc counts]

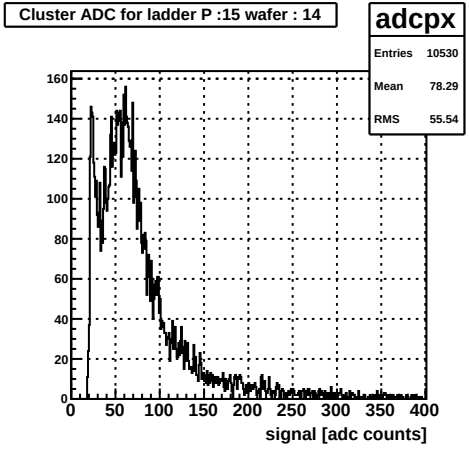

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 14468
Mean 67.07
RMS 54.56
signal [adc counts]

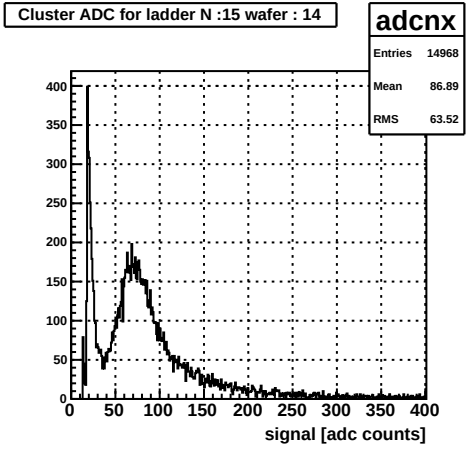

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 13926
Mean 80.82
RMS 60.76
signal [adc counts]

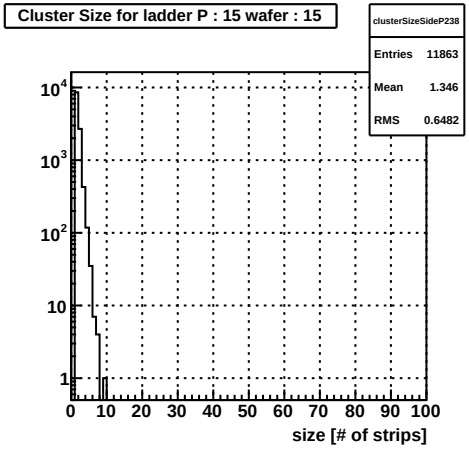

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10530
Mean 1.324
RMS 0.6342
size [# of strips]

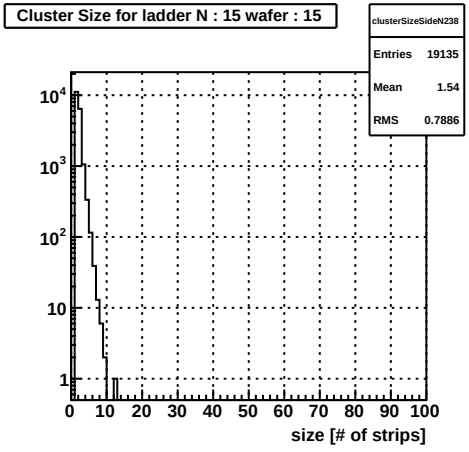

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 14968
Mean 1.639
RMS 0.8526
size [# of strips]

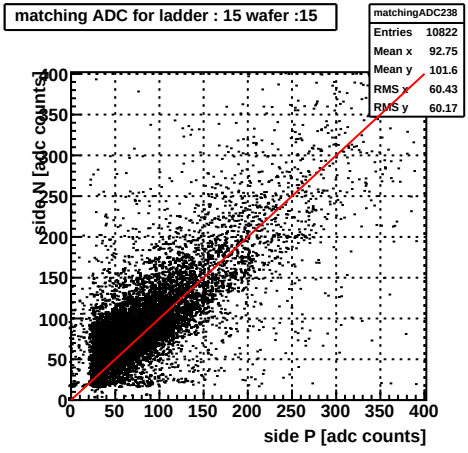

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9841
Mean x 92
Mean y 95.66
RMS x 58.83
RMS y 57.71
side N [adc counts]
side P [adc counts]

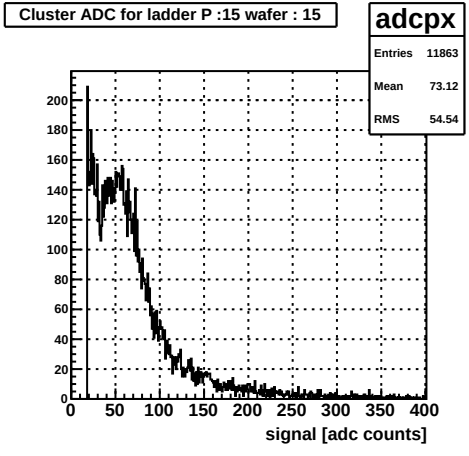

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10530
Mean 78.29
RMS 55.54
signal [adc counts]

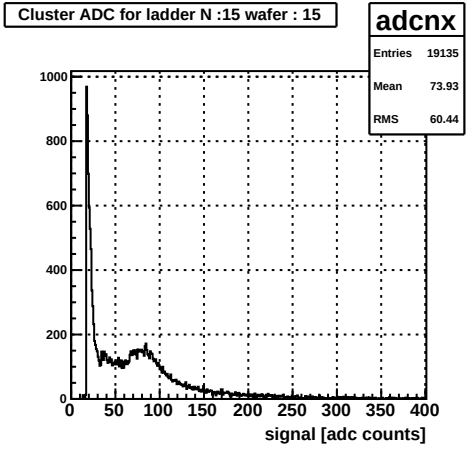

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 14968
Mean 86.89
RMS 63.52
signal [adc counts]

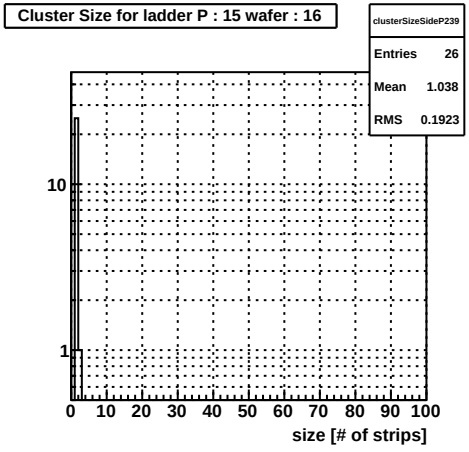

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 11863
Mean 1.346
RMS 0.6482
size [# of strips]

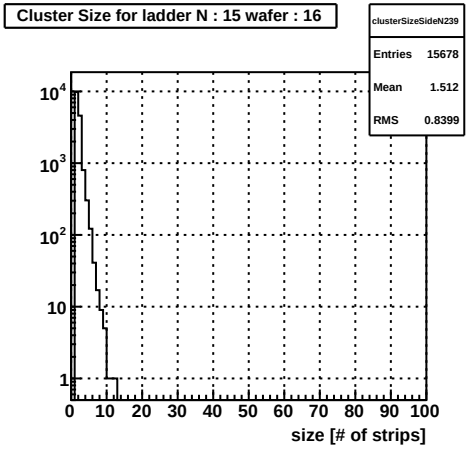

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 19135
Mean 1.54
RMS 0.7886
size [# of strips]

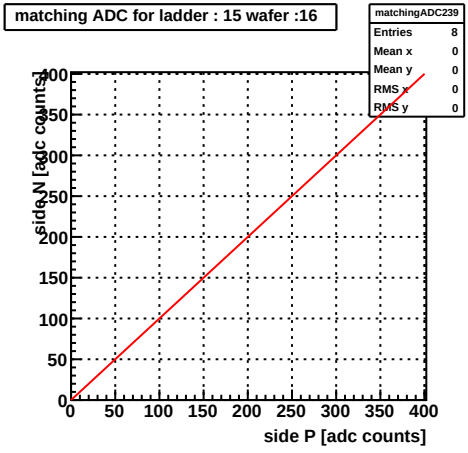

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10822
Mean x 92.75
Mean y 101.6
RMS x 60.43
RMS y 60.17
side N [adc counts]
side P [adc counts]

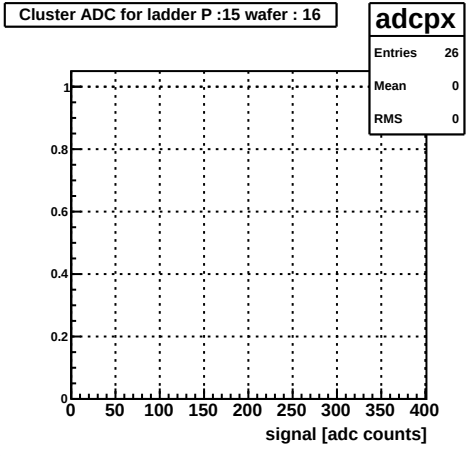

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 11863
Mean 73.12
RMS 54.54
signal [adc counts]

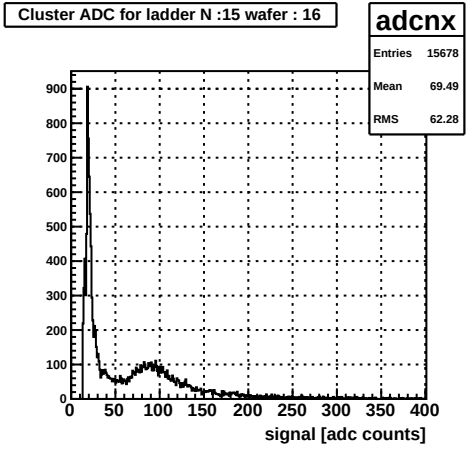

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 19135
Mean 73.93
RMS 60.44
signal [adc counts]

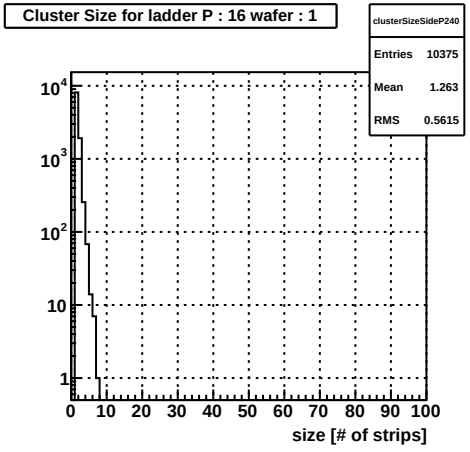

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

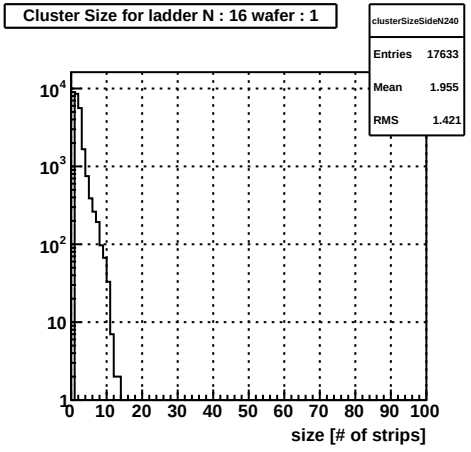

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 15678
Mean 1.512
RMS 0.8399
size [# of strips]

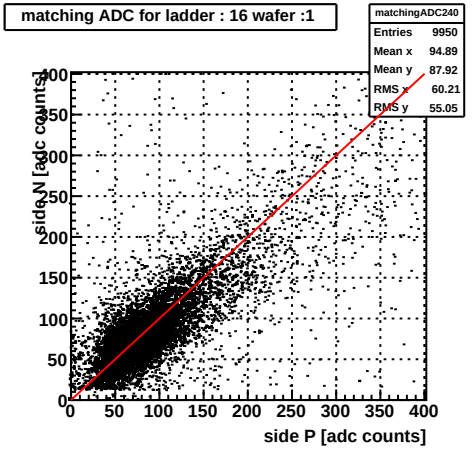

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

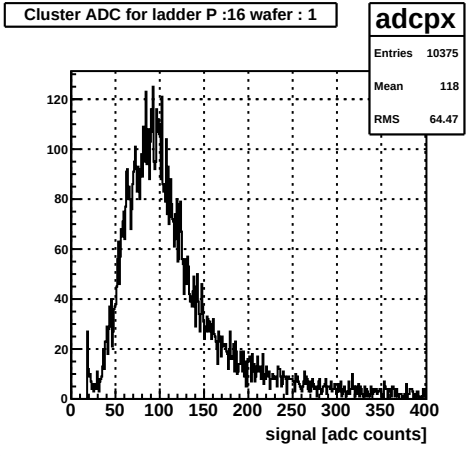

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 26
Mean 0
RMS 0
signal [adc counts]

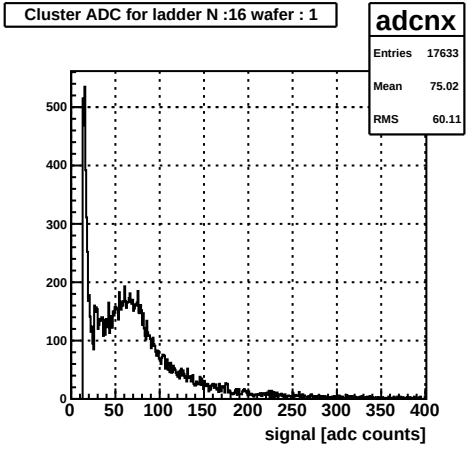

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 15678
Mean 69.49
RMS 62.28
signal [adc counts]

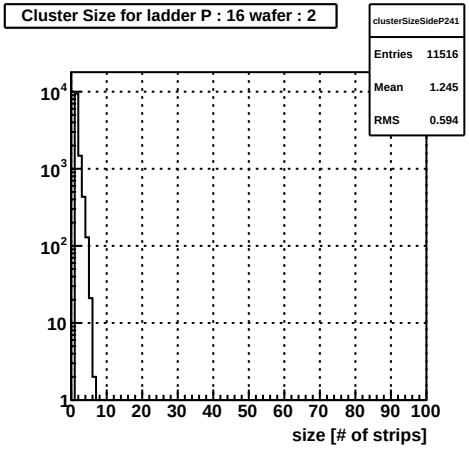

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10375
Mean 1.263
RMS 0.5615
size [# of strips]

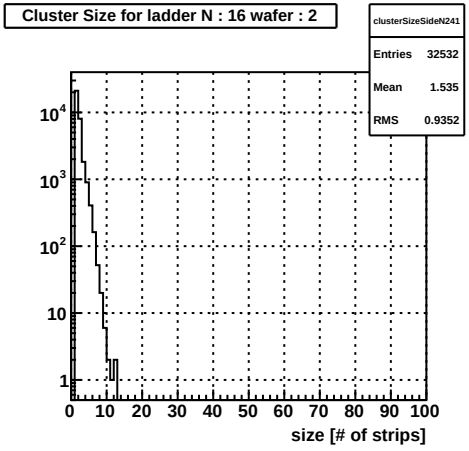

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 17633
Mean 1.955
RMS 1.421
size [# of strips]

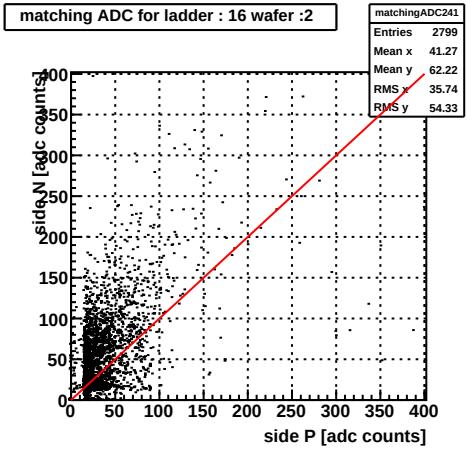

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9950
Mean x 94.89
Mean y 87.92
RMS x 60.21
RMS y 55.05
side N [adc counts]
side P [adc counts]

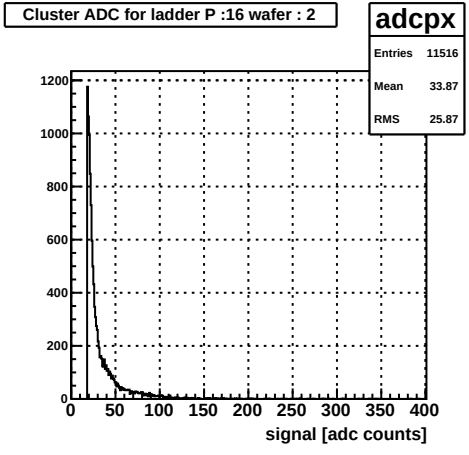

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10375
Mean 118
RMS 64.47
signal [adc counts]

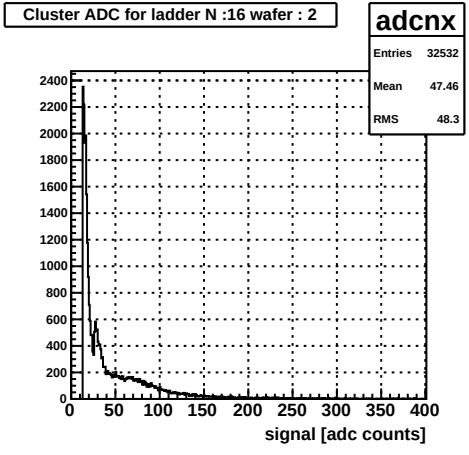

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 17633
Mean 75.02
RMS 60.11
signal [adc counts]

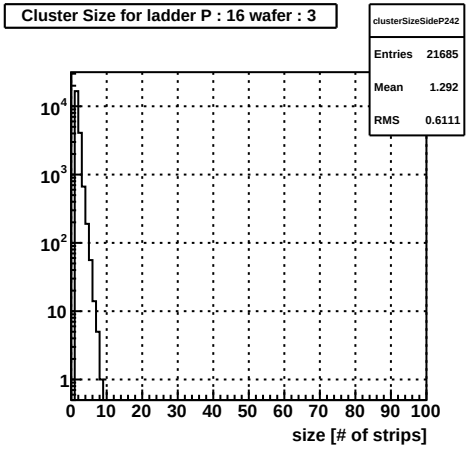

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11516
Mean 1.245
RMS 0.594
size [# of strips]

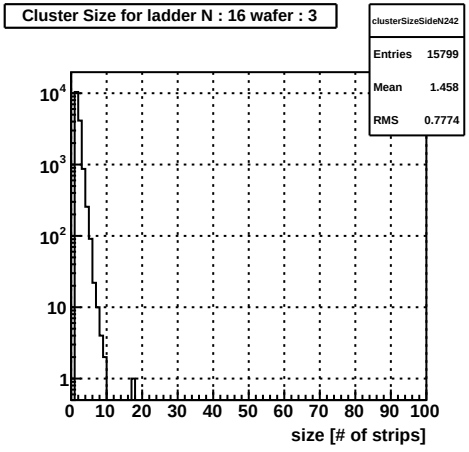

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 32532
Mean 1.535
RMS 0.9352
size [# of strips]

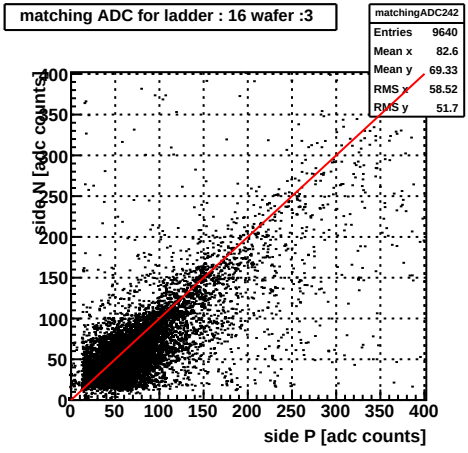

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2799
Mean x 41.27
Mean y 62.22
RMS x 35.74
RMS y 54.33
side N [adc counts]
side P [adc counts]

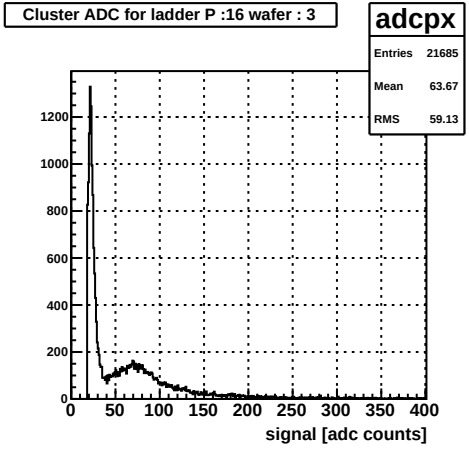

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11516
Mean 33.87
RMS 25.87
signal [adc counts]

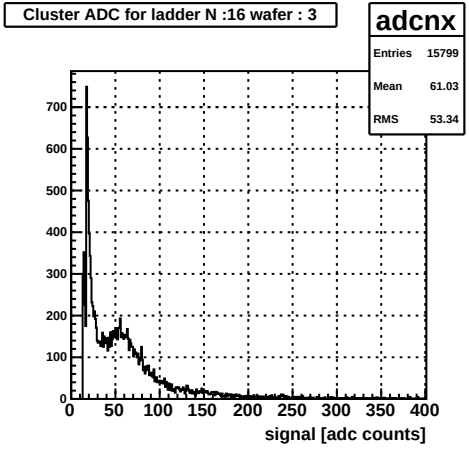

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 32532
Mean 47.46
RMS 48.3
signal [adc counts]

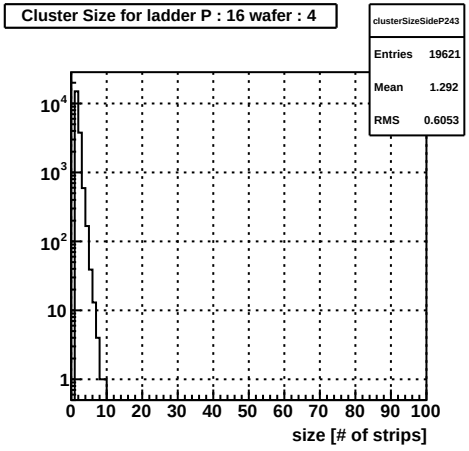

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 21685
Mean 1.292
RMS 0.6111
size [# of strips]

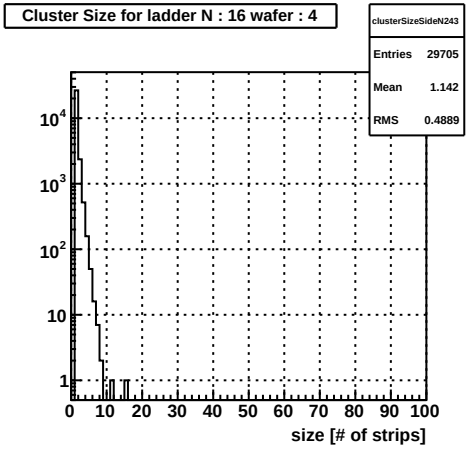

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15799
Mean 1.458
RMS 0.7774
size [# of strips]

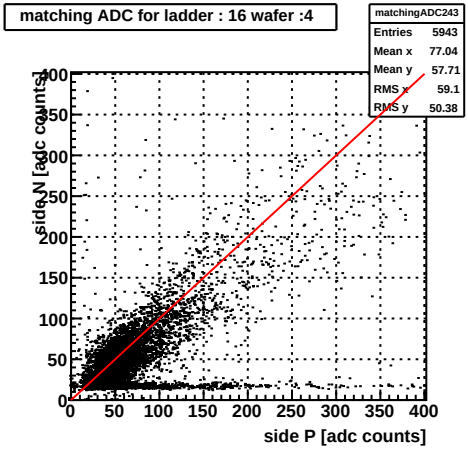

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 9640
Mean x 82.6
Mean y 69.33
RMS x 58.52
RMS y 51.7
side N [adc counts]
side P [adc counts]

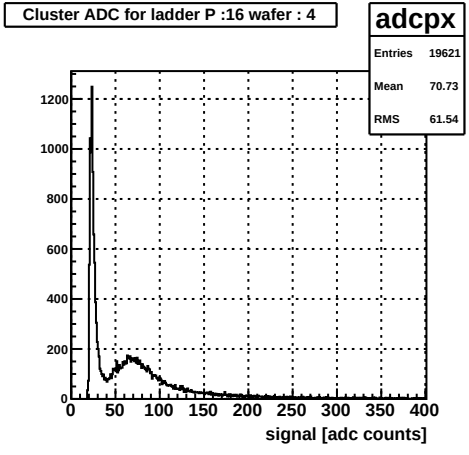

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 21685
Mean 63.67
RMS 59.13
signal [adc counts]

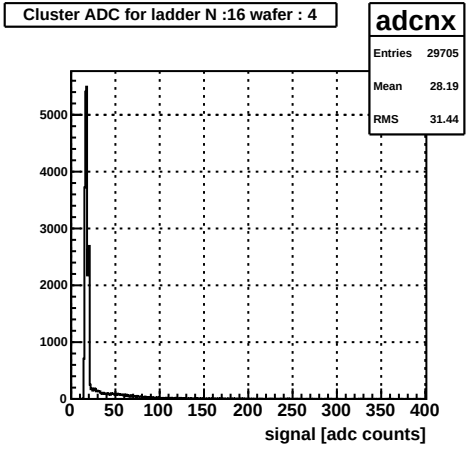

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15799
Mean 61.03
RMS 53.34
signal [adc counts]

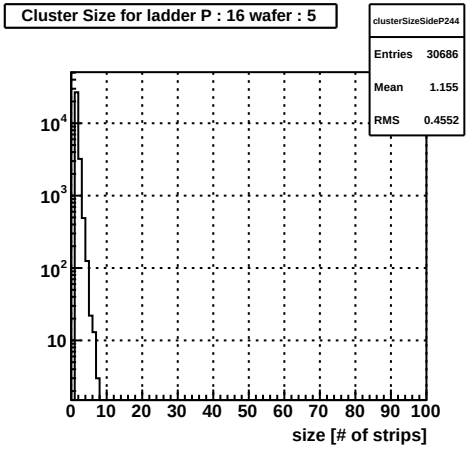

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 19621
Mean 1.292
RMS 0.6053
size [# of strips]

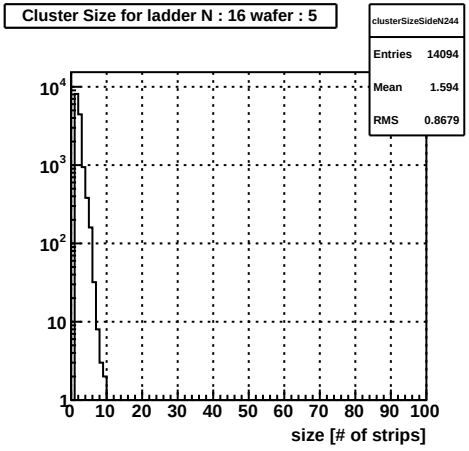

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 29705
Mean 1.142
RMS 0.4889
size [# of strips]

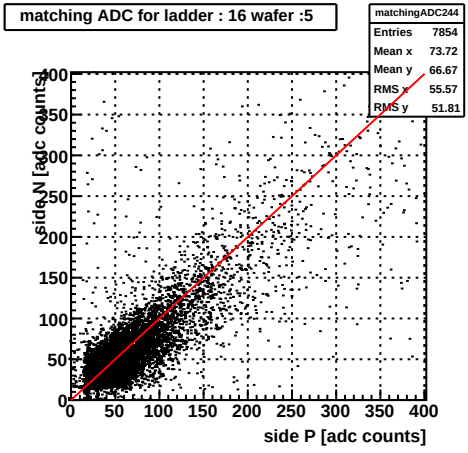

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 5943
Mean x 77.04
Mean y 57.71
RMS x 59.1
RMS y 50.38
side N [adc counts]
side P [adc counts]

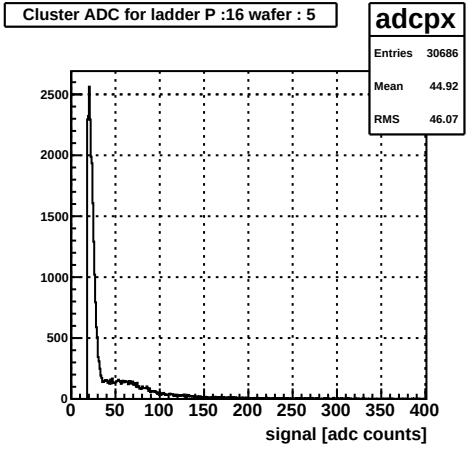

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 19621
Mean 70.73
RMS 61.54
signal [adc counts]

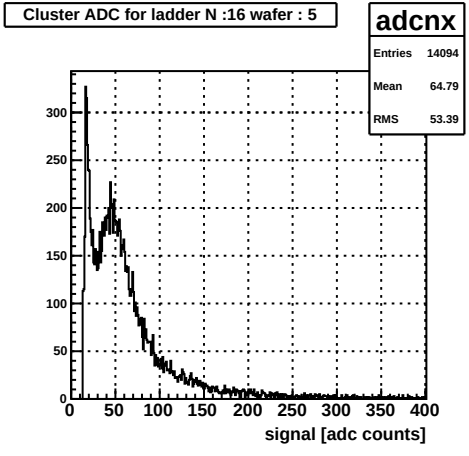

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 29705
Mean 28.19
RMS 31.44
signal [adc counts]

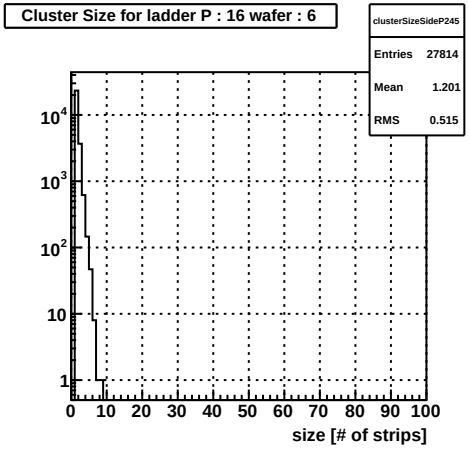

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 30686
Mean 1.155
RMS 0.4552
size [# of strips]

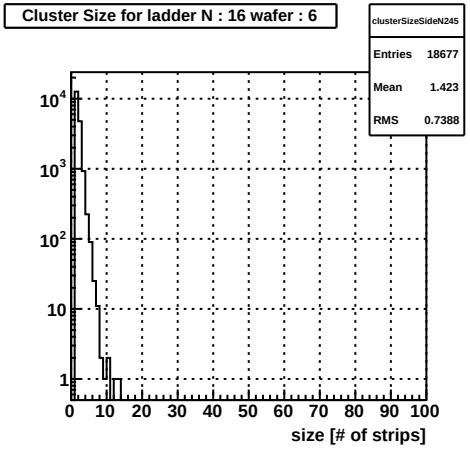

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 14094
Mean 1.594
RMS 0.8679
size [# of strips]

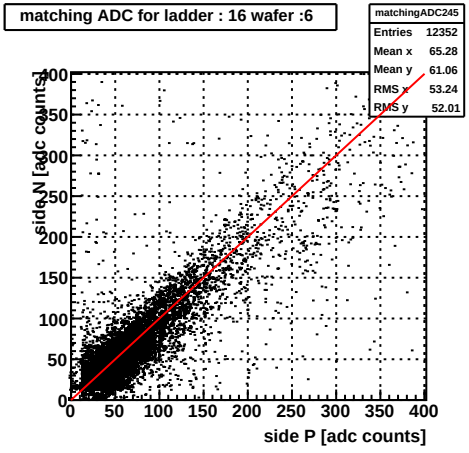

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7854
Mean x 73.72
Mean y 66.67
RMS x 55.57
RMS y 51.81
side N [adc counts]
side P [adc counts]

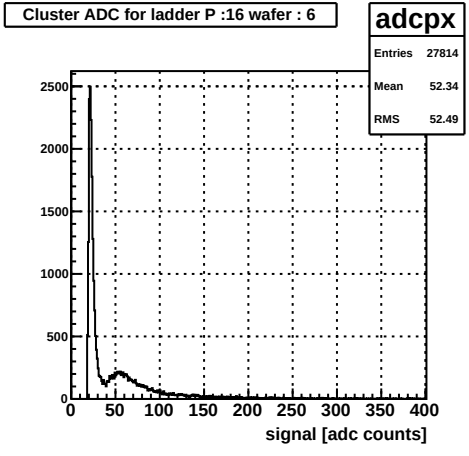

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 30686
Mean 44.92
RMS 46.07
signal [adc counts]

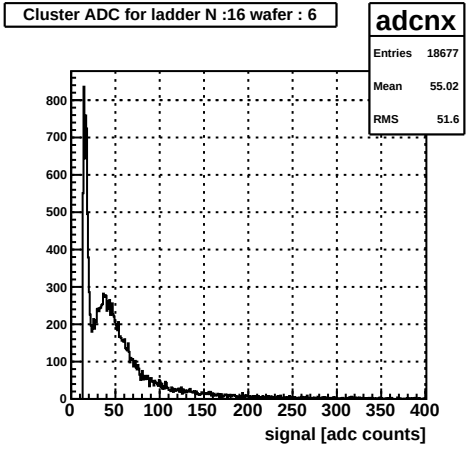

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 14094
Mean 64.79
RMS 53.39
signal [adc counts]

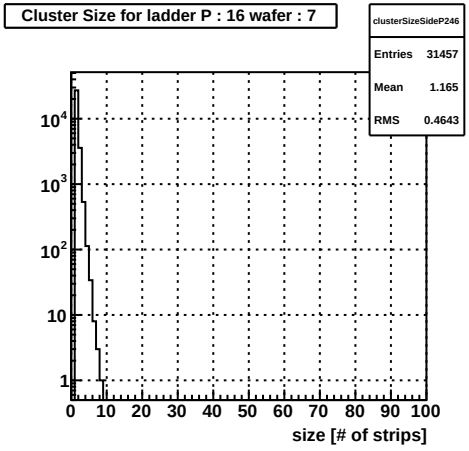

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 27814
Mean 1.201
RMS 0.515
size [# of strips]

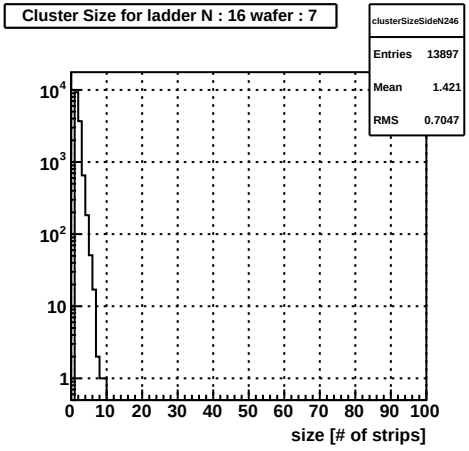

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 18677
Mean 1.423
RMS 0.7388
size [# of strips]

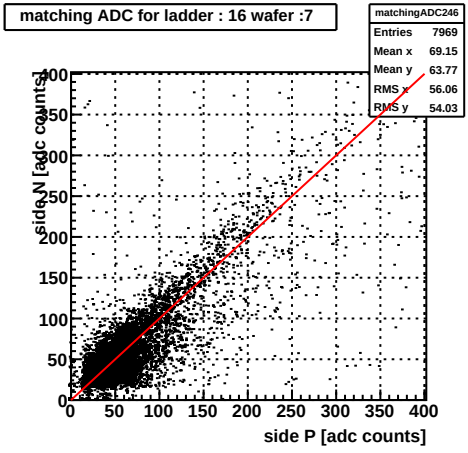

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 12352
Mean x 65.28
Mean y 61.06
RMS x 53.24
RMS y 52.01
side N [adc counts]
side P [adc counts]

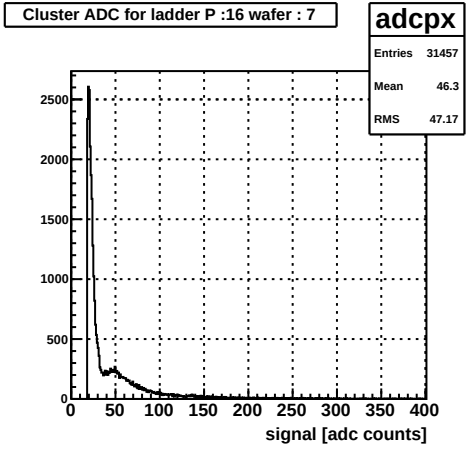

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 27814
Mean 52.34
RMS 52.49
signal [adc counts]

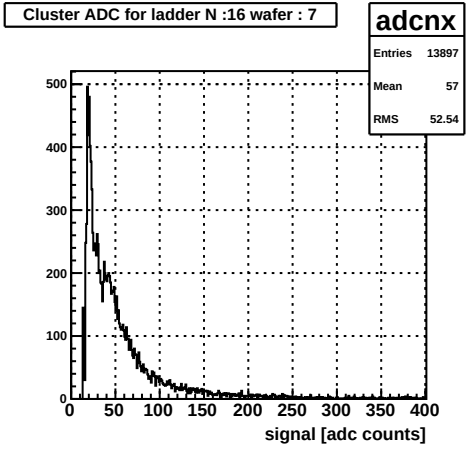

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 18677
Mean 55.02
RMS 51.6
signal [adc counts]

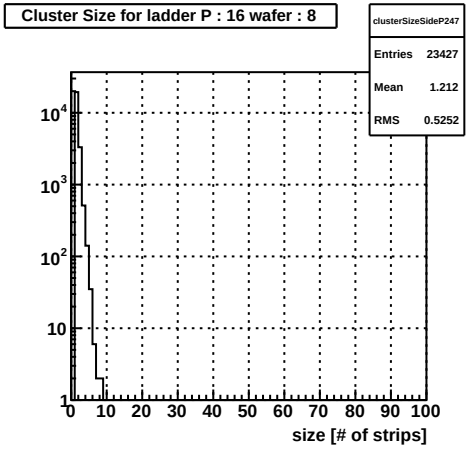

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 31457
Mean 1.165
RMS 0.4643
size [# of strips]

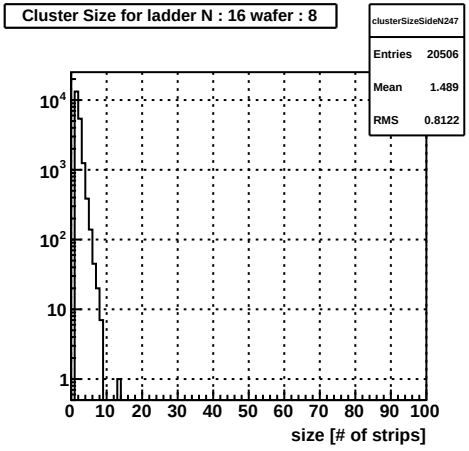

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13897
Mean 1.421
RMS 0.7047
size [# of strips]

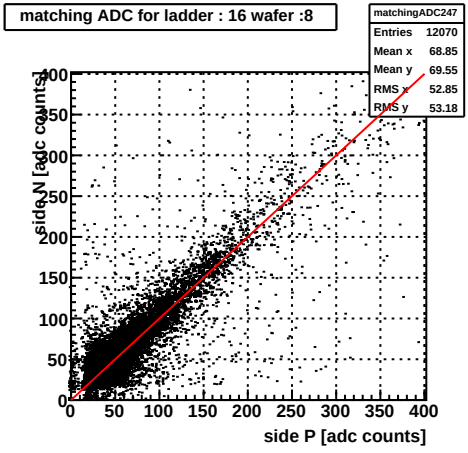

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7969
Mean x 69.15
Mean y 63.77
RMS x 56.06
RMS y 54.03
side N [adc counts]
side P [adc counts]

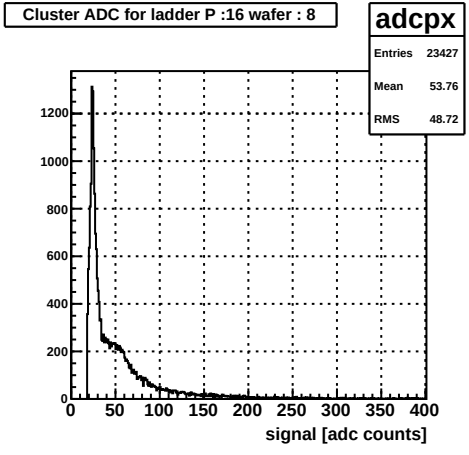

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 31457
Mean 46.3
RMS 47.17
signal [adc counts]

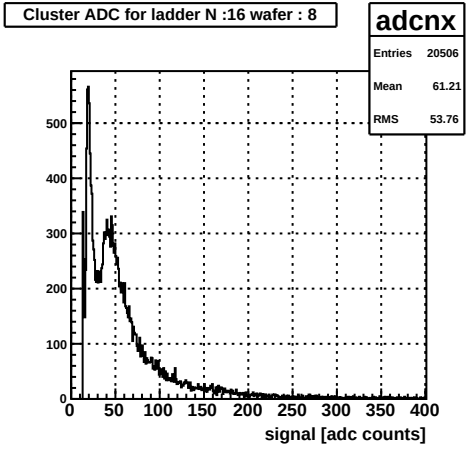

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13897
Mean 57
RMS 52.54
signal [adc counts]

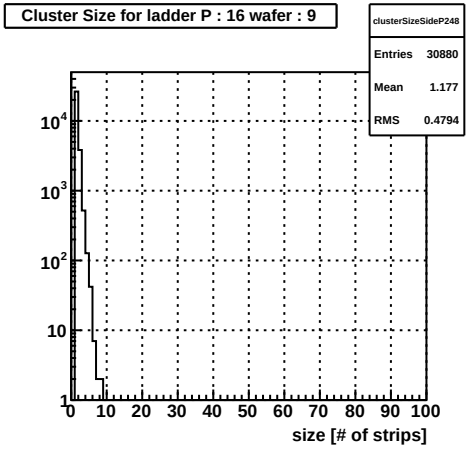

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 23427
Mean 1.212
RMS 0.5252
size [# of strips]

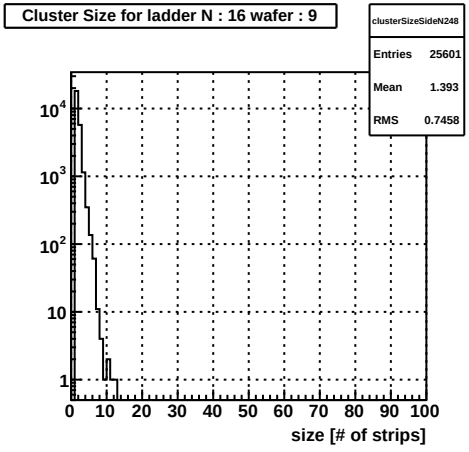

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 20506
Mean 1.489
RMS 0.8122
size [# of strips]

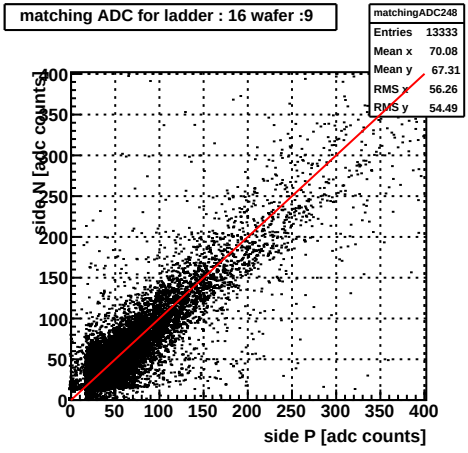

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 12070
Mean x 68.85
Mean y 69.55
RMS x 52.85
RMS y 53.18
side N [adc counts]
side P [adc counts]

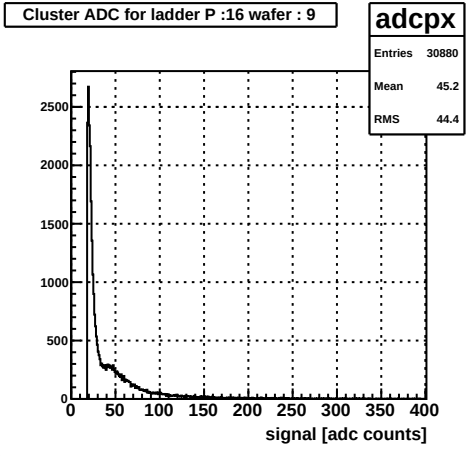

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 23427
Mean 53.76
RMS 48.72
signal [adc counts]

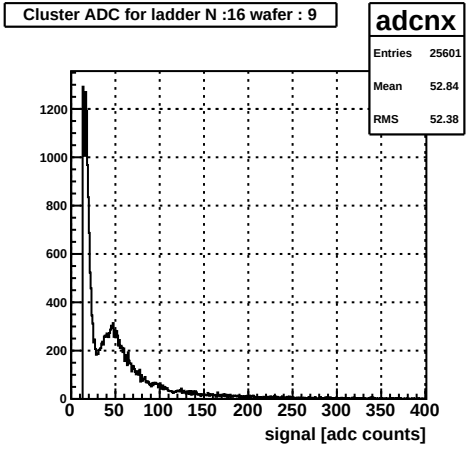

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 20506
Mean 61.21
RMS 53.76
signal [adc counts]

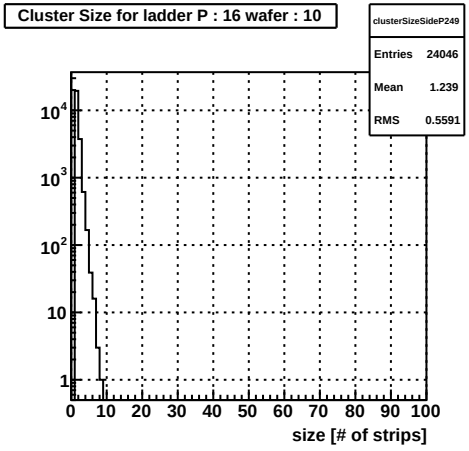

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 30880
Mean 1.177
RMS 0.4794
size [# of strips]

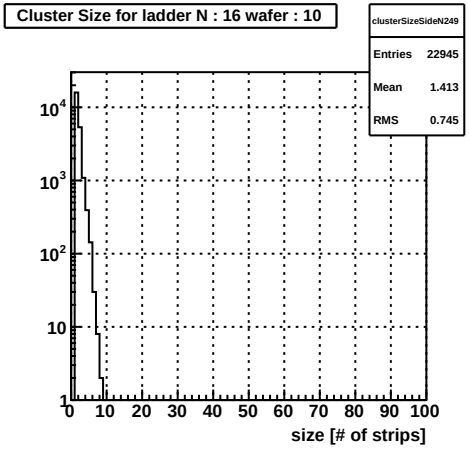

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 25601
Mean 1.393
RMS 0.7458
size [# of strips]

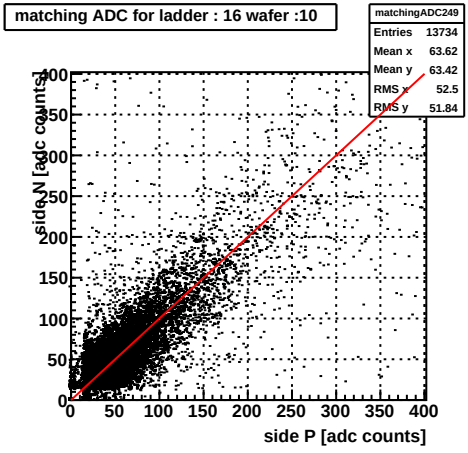

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 13333
Mean x 70.08
Mean y 67.31
RMS x 56.26
RMS y 54.49
side N [adc counts]
side P [adc counts]

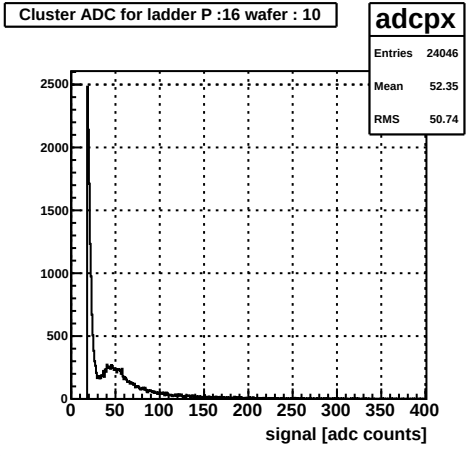

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 30880
Mean 45.2
RMS 44.4
signal [adc counts]

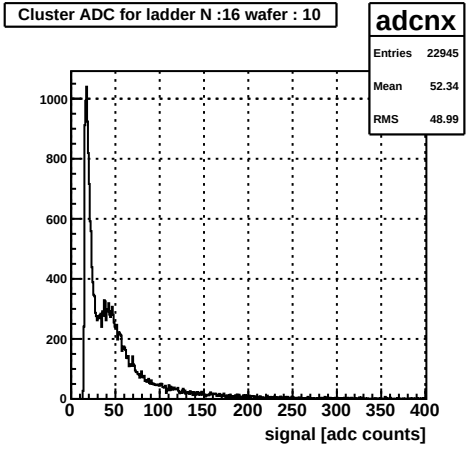

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 25601
Mean 52.84
RMS 52.38
signal [adc counts]

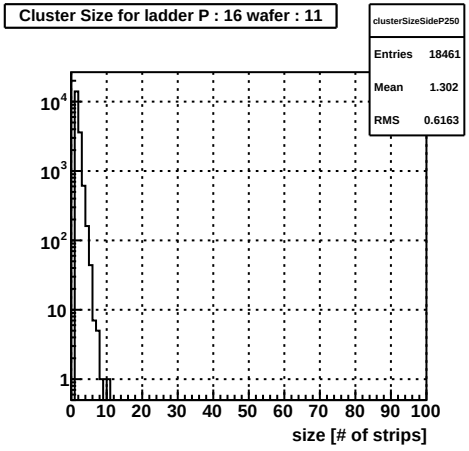

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 24046
Mean 1.239
RMS 0.5591
size [# of strips]

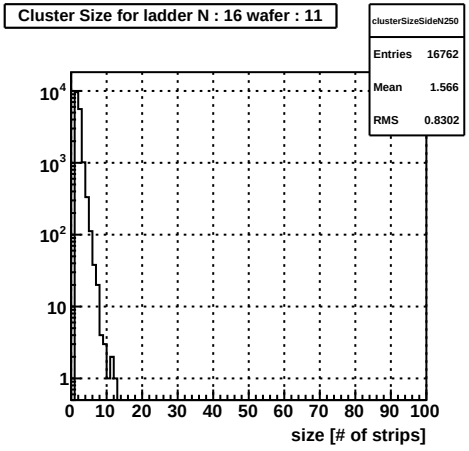

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 22945
Mean 1.413
RMS 0.745
size [# of strips]

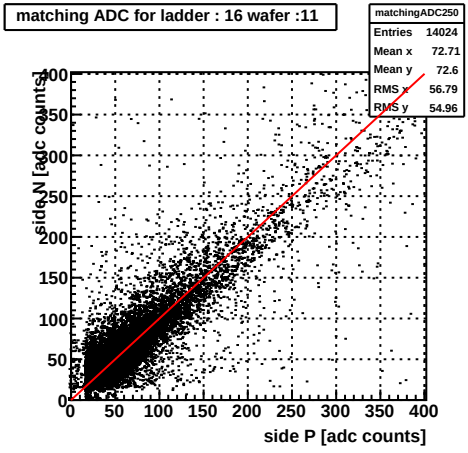

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13734
Mean x 63.62
Mean y 63.42
RMS x 52.5
RMS y 51.84
side N [adc counts]
side P [adc counts]

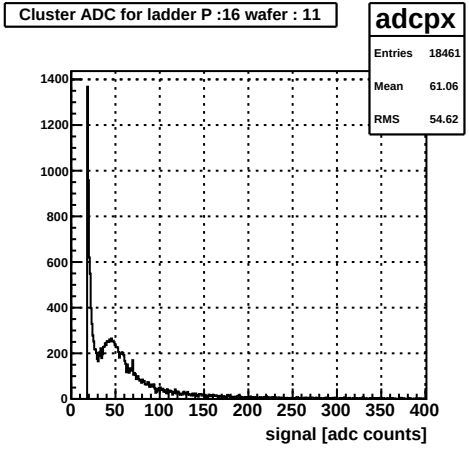

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 24046
Mean 52.35
RMS 50.74
signal [adc counts]

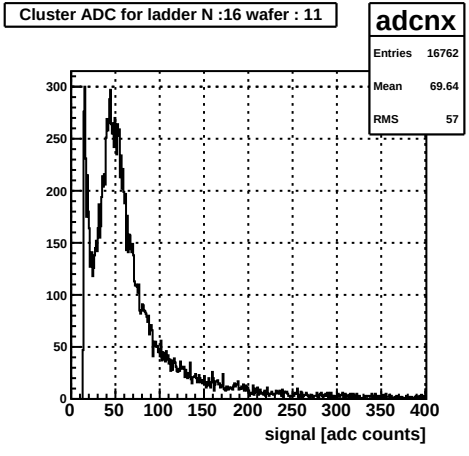

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 22945
Mean 52.34
RMS 48.99
signal [adc counts]

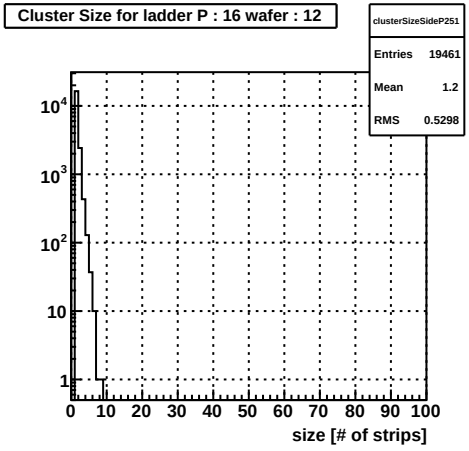

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 18461
Mean 1.302
RMS 0.6163
size [# of strips]

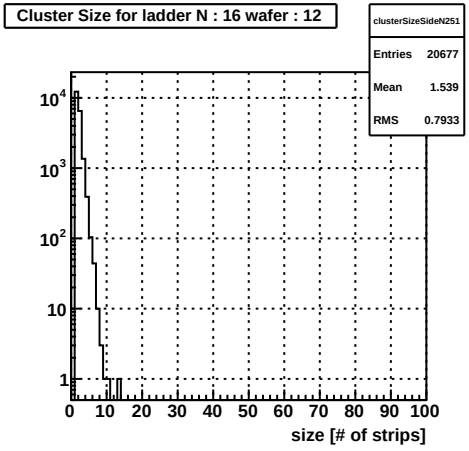

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 16762
Mean 1.566
RMS 0.8302
size [# of strips]

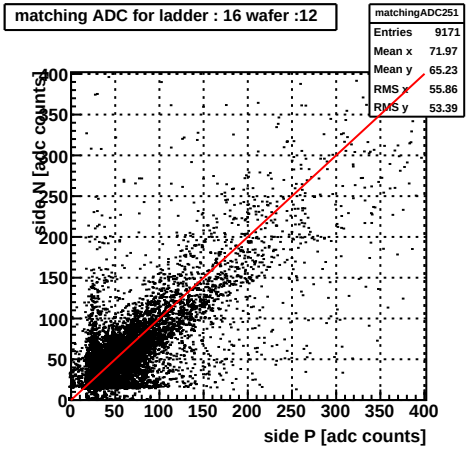

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 14024
Mean x 72.71
Mean y 72.6
RMS x 56.79
RMS y 54.96
side N [adc counts]
side P [adc counts]

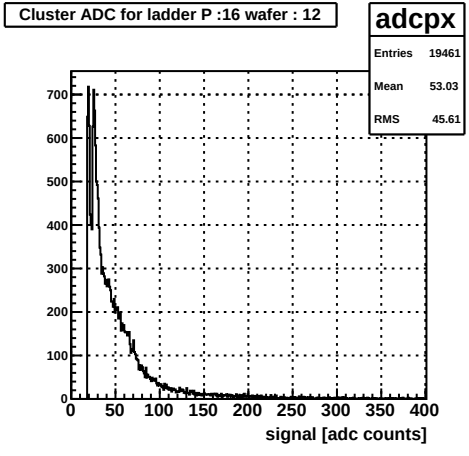

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 18461
Mean 61.06
RMS 54.62
signal [adc counts]

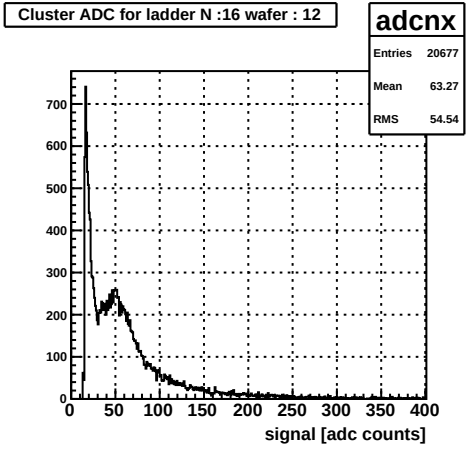

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 16762
Mean 69.64
RMS 57
signal [adc counts]

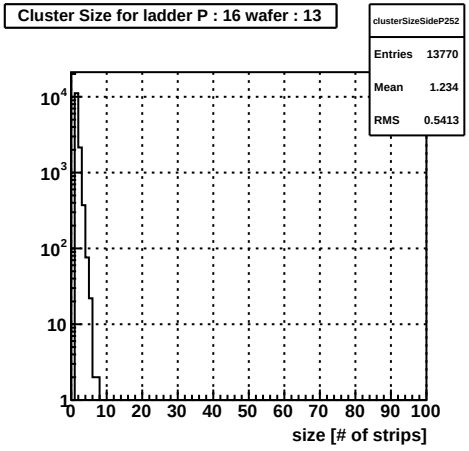

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 19461
Mean 1.2
RMS 0.5298
size [# of strips]

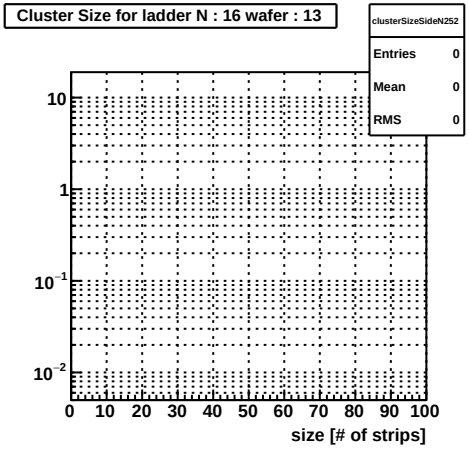

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 20677
Mean 1.539
RMS 0.7933
size [# of strips]

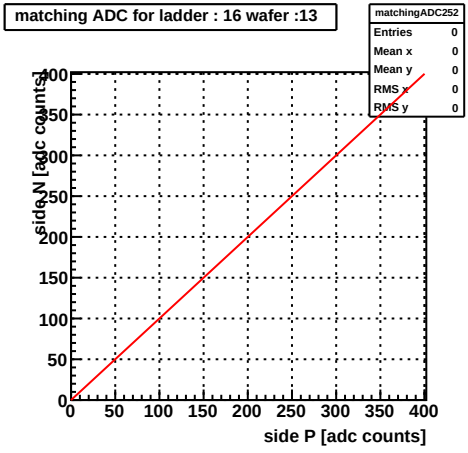

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 9171
Mean x 71.97
Mean y 65.23
RMS x 55.86
RMS y 53.39
side N [adc counts]
side P [adc counts]

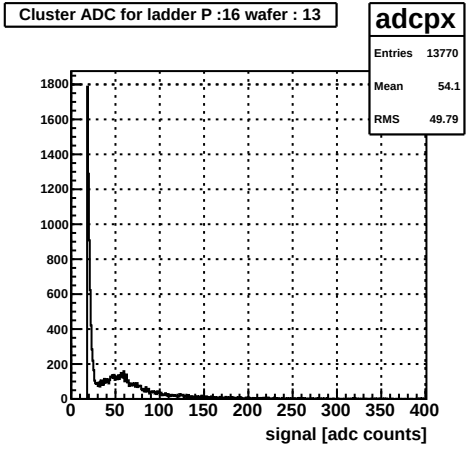

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 19461
Mean 53.03
RMS 45.61
signal [adc counts]

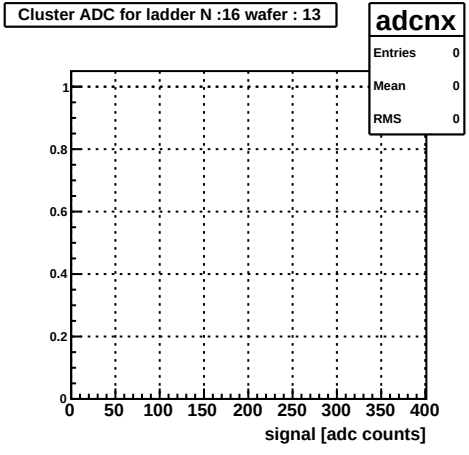

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 20677
Mean 63.27
RMS 54.54
signal [adc counts]

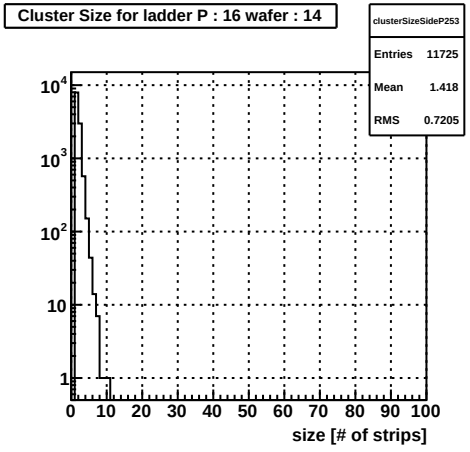

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 13770
Mean 1.234
RMS 0.5413
size [# of strips]

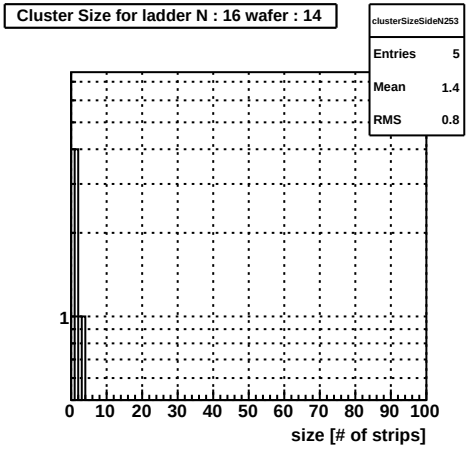

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

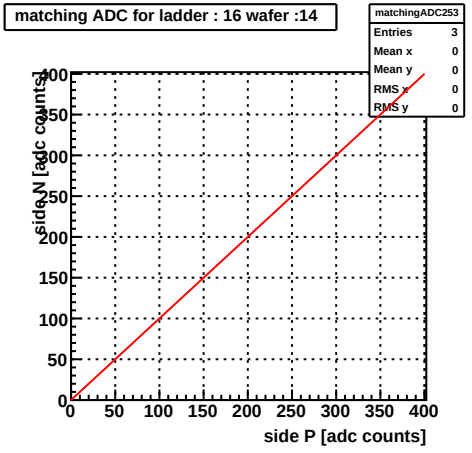

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

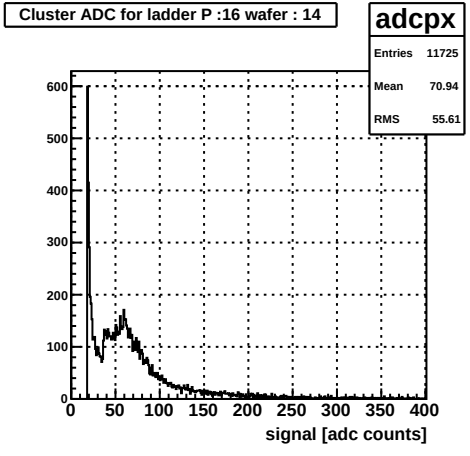

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 13770
Mean 54.1
RMS 49.79
signal [adc counts]

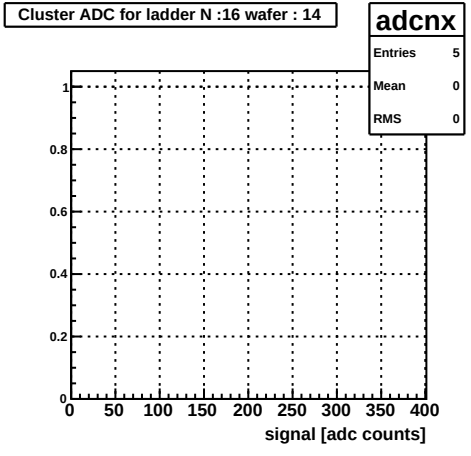

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

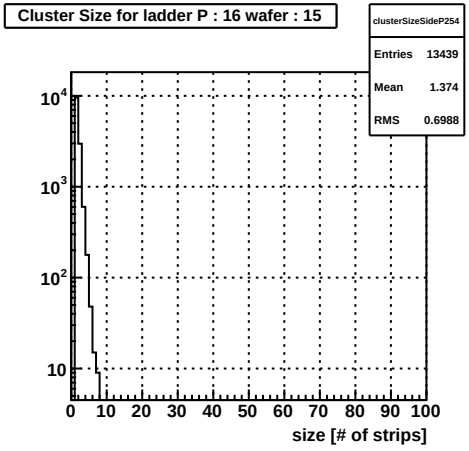

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 11725
Mean 1.418
RMS 0.7205
size [# of strips]

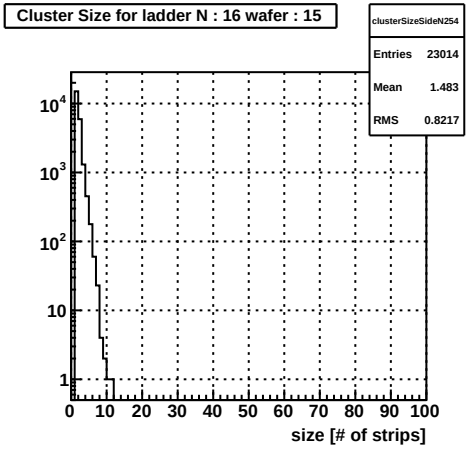

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

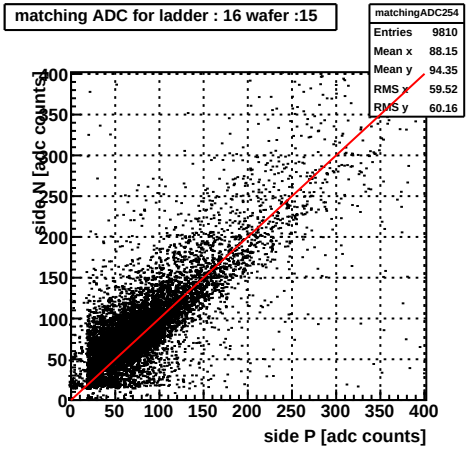

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

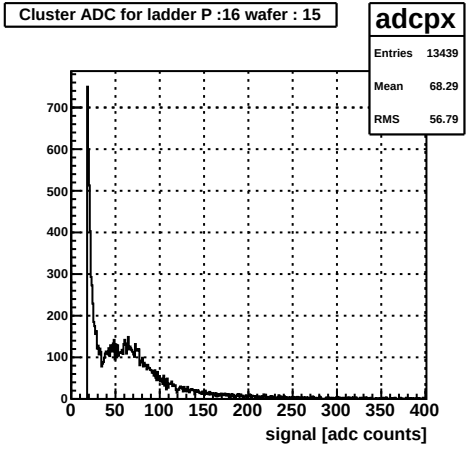

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 11725
Mean 70.94
RMS 55.61
signal [adc counts]

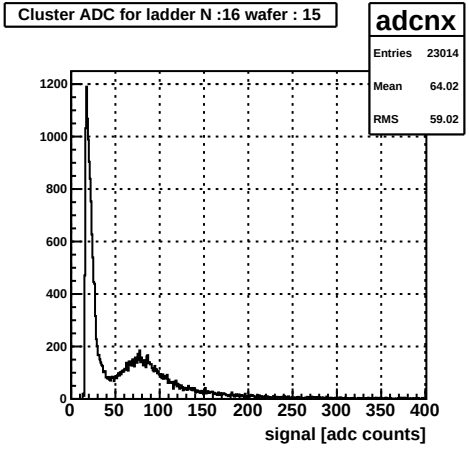

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

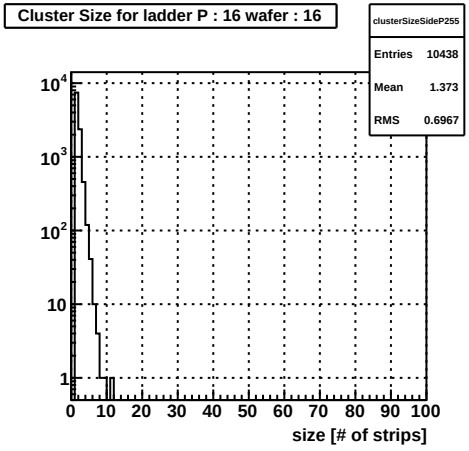

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 13439
Mean 1.374
RMS 0.6988
size [# of strips]

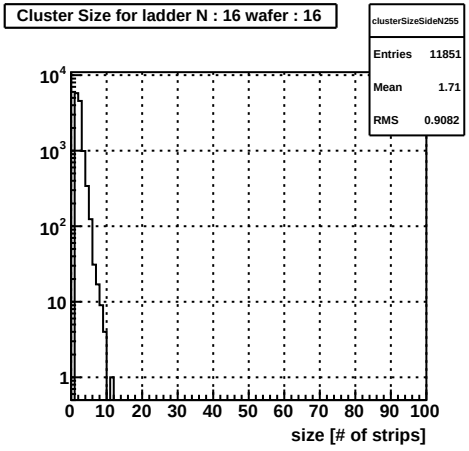

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 23014
Mean 1.483
RMS 0.8217
size [# of strips]

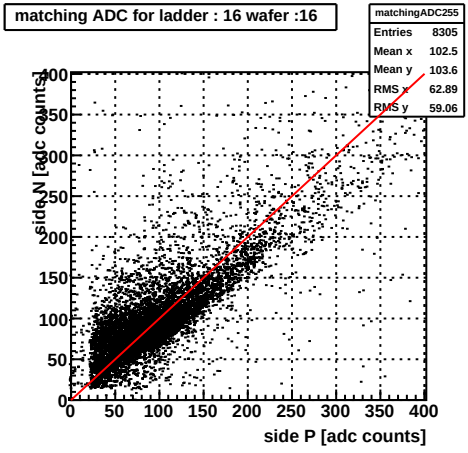

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 9810
Mean x 88.15
Mean y 94.35
RMS x 59.52
RMS y 60.16
side N [adc counts]
side P [adc counts]

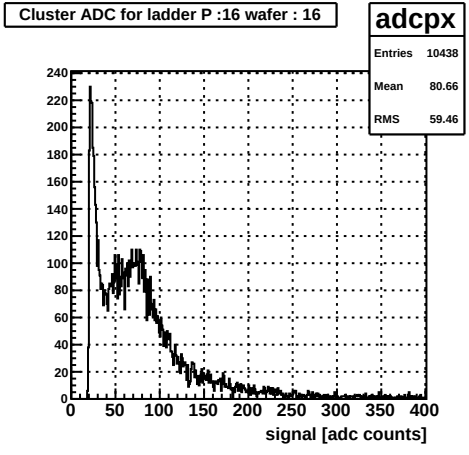

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 13439
Mean 68.29
RMS 56.79
signal [adc counts]

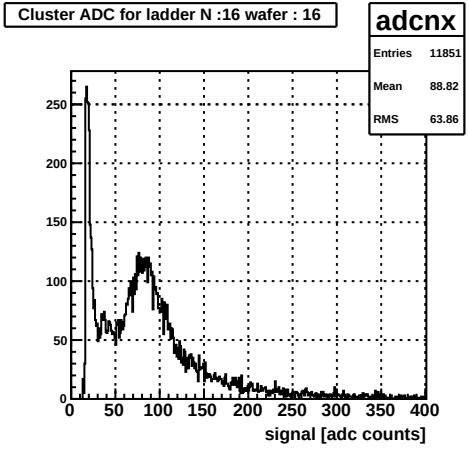

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 23014
Mean 64.02
RMS 59.02
signal [adc counts]

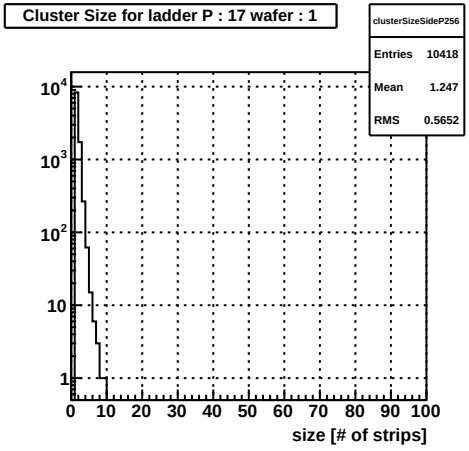

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10438
Mean 1.373
RMS 0.6967
size [# of strips]

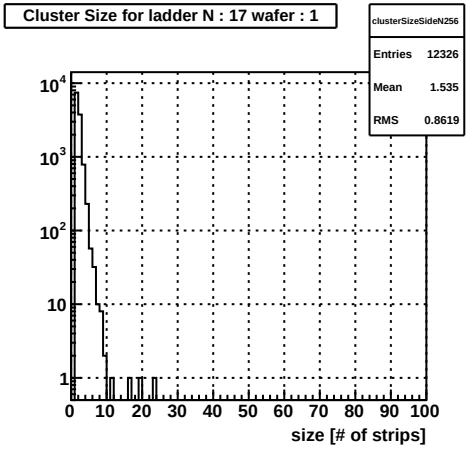

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 11851
Mean 1.71
RMS 0.9082
size [# of strips]

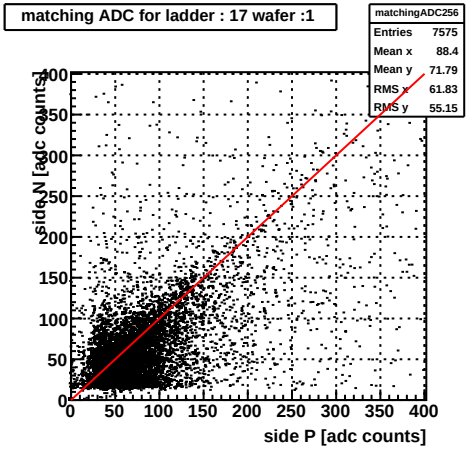

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8305
Mean x 102.5
Mean y 103.6
RMS x 62.89
RMS y 59.06
side N [adc counts]
side P [adc counts]

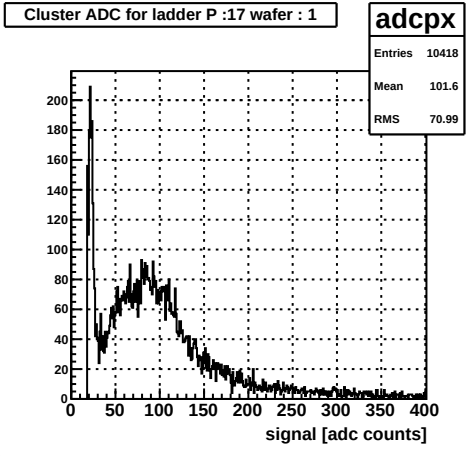

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10438
Mean 80.66
RMS 59.46
signal [adc counts]

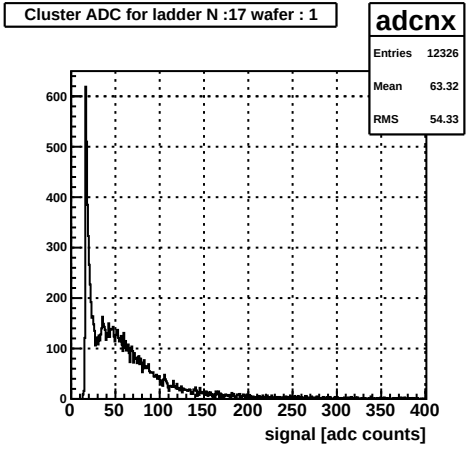

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 11851
Mean 88.82
RMS 63.86
signal [adc counts]

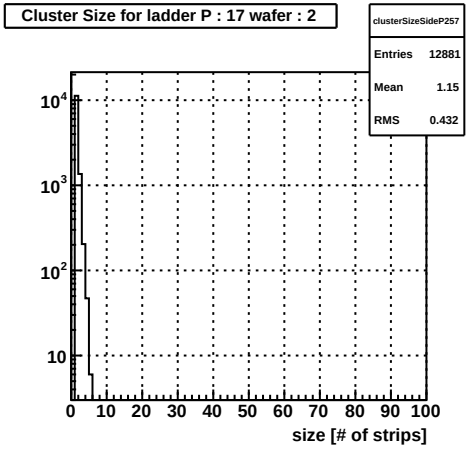

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 10418
Mean 1.247
RMS 0.5652
size [# of strips]

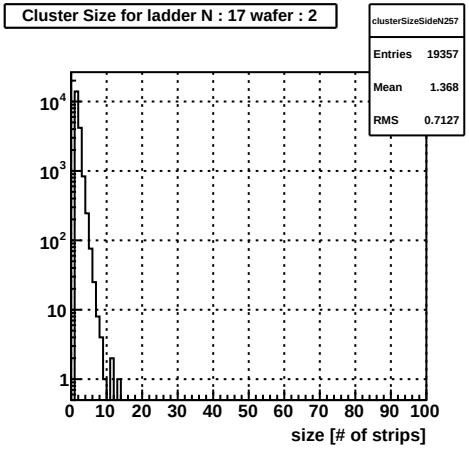

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12326
Mean 1.535
RMS 0.8619
size [# of strips]

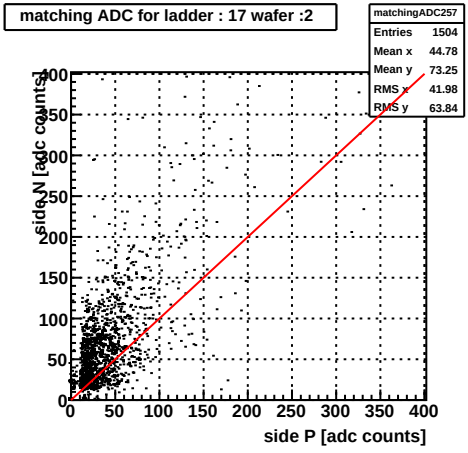

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7575
Mean x 88.4
Mean y 71.79
RMS x 61.83
RMS y 55.15
side N [adc counts]
side P [adc counts]

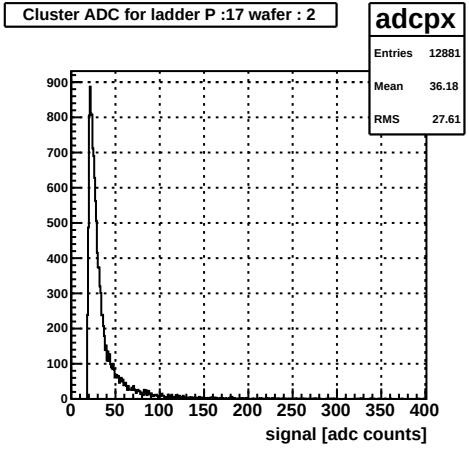

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 10418
Mean 101.6
RMS 70.99
signal [adc counts]

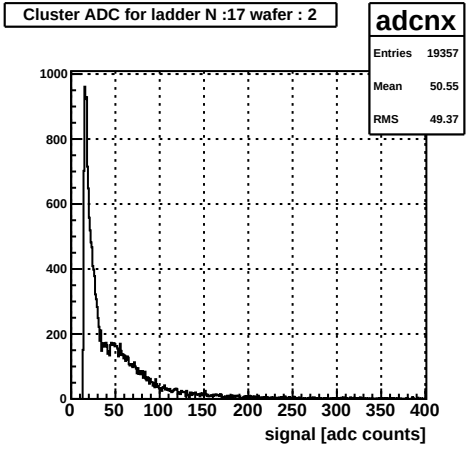

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12326
Mean 63.32
RMS 54.33
signal [adc counts]

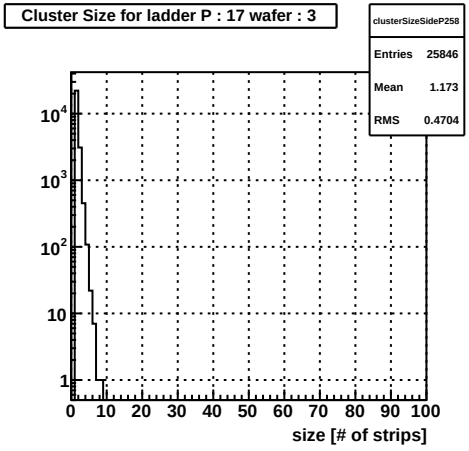

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 12881
Mean 1.15
RMS 0.432
size [# of strips]

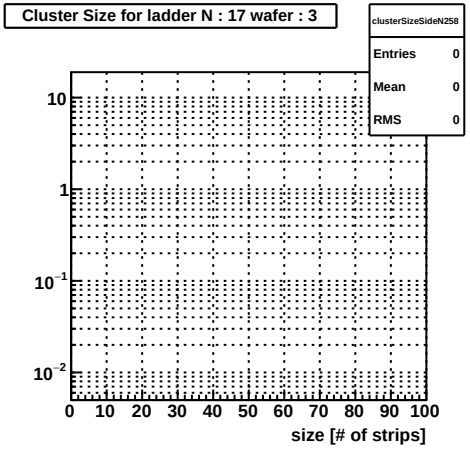

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 19357
Mean 1.368
RMS 0.7127
size [# of strips]

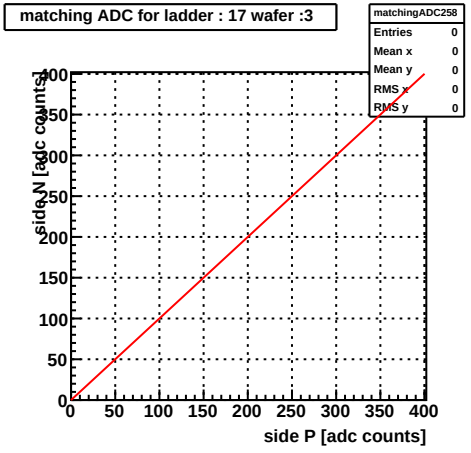

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1504
Mean x 44.78
Mean y 73.25
RMS x 41.98
RMS y 63.84
side N [adc counts]
side P [adc counts]

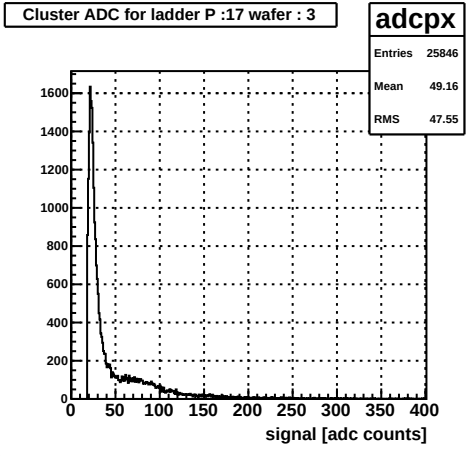

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 12881
Mean 36.18
RMS 27.61
signal [adc counts]

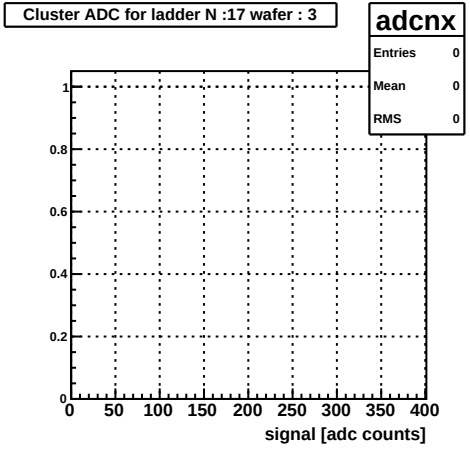

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 19357
Mean 50.55
RMS 49.37
signal [adc counts]

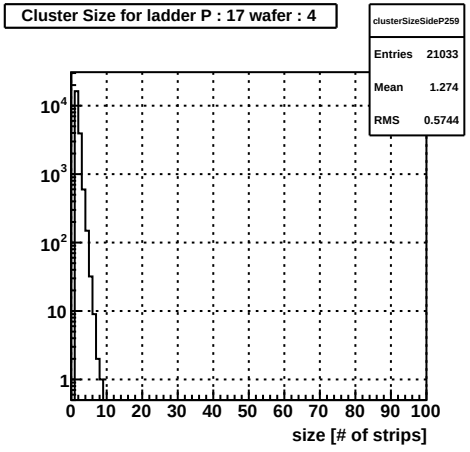

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 25846
Mean 1.173
RMS 0.4704
size [# of strips]

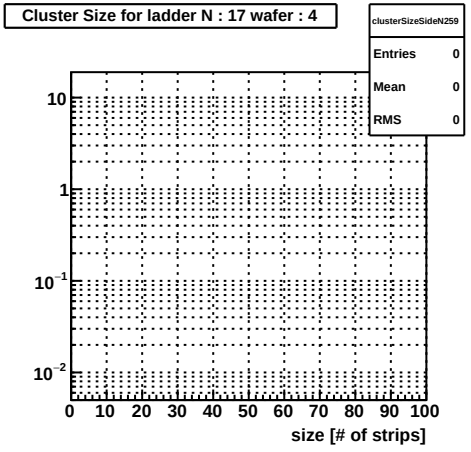

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 0
Mean 0
RMS 0
size [# of strips]

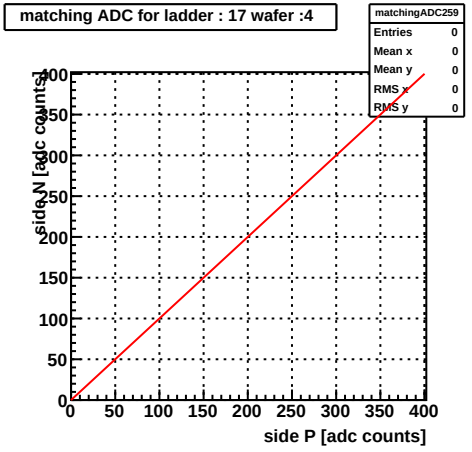

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

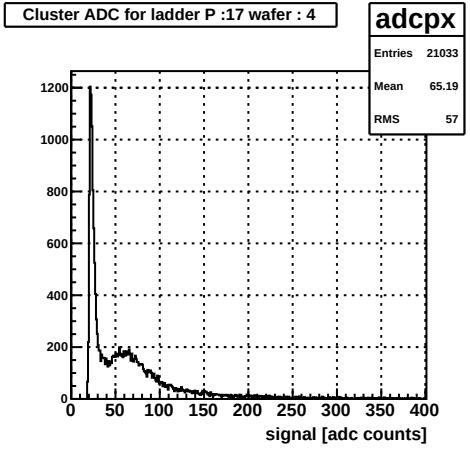

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 25846
Mean 49.16
RMS 47.55
signal [adc counts]

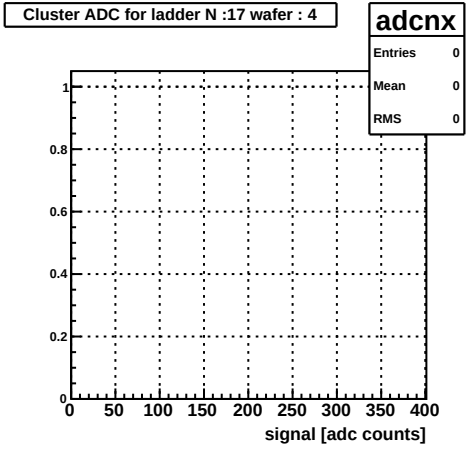

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

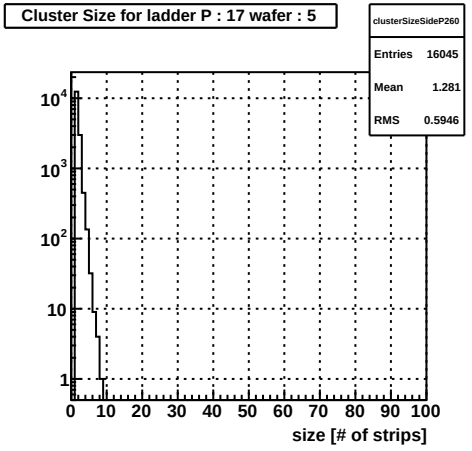

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 21033
Mean 1.274
RMS 0.5744
size [# of strips]

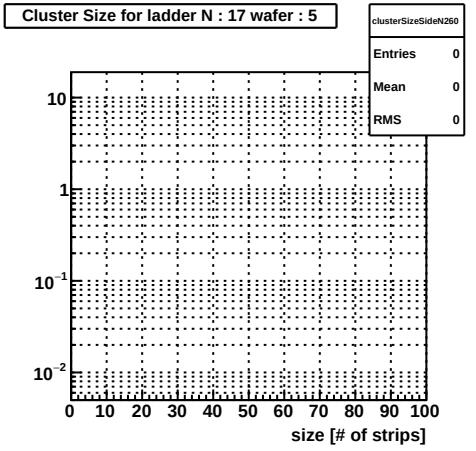

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

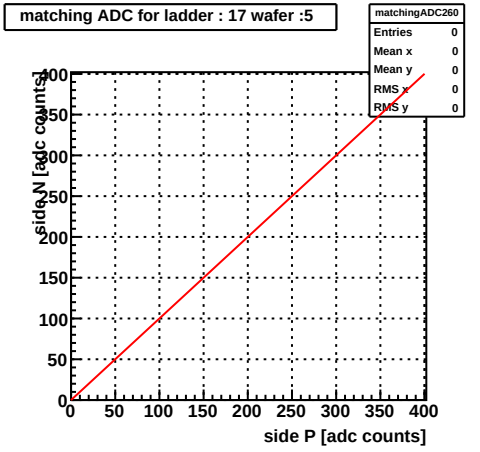

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

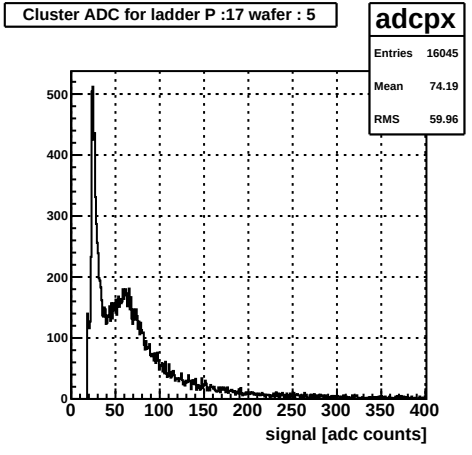

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 21033
Mean 65.19
RMS 57
signal [adc counts]

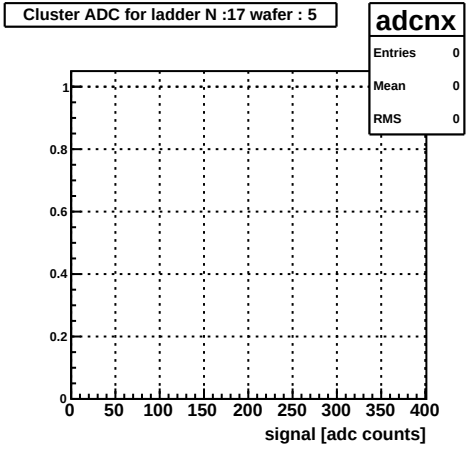

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

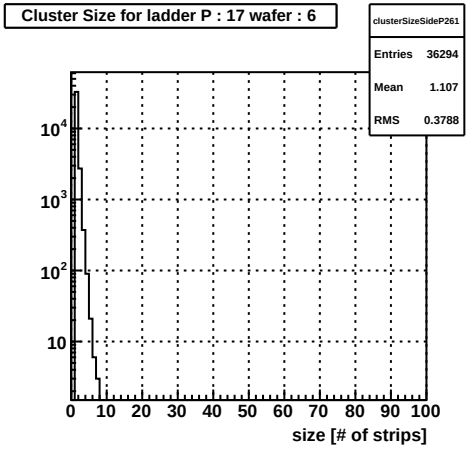

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 16045
Mean 1.281
RMS 0.5946
size [# of strips]

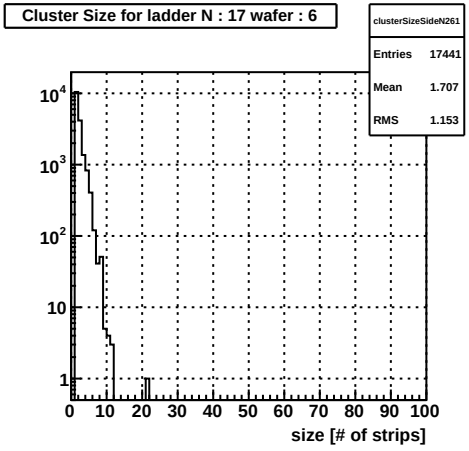

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

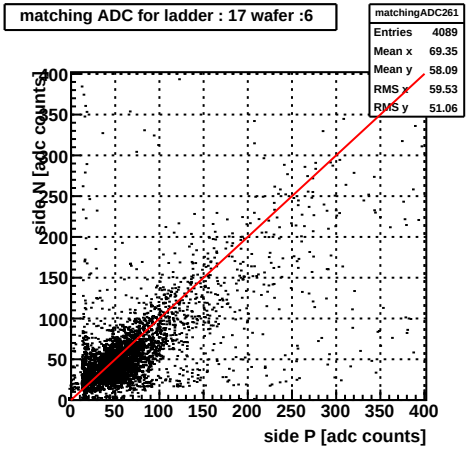

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

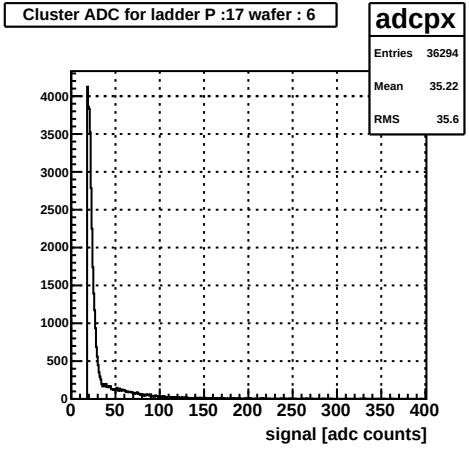

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 16045
Mean 74.19
RMS 59.96
signal [adc counts]

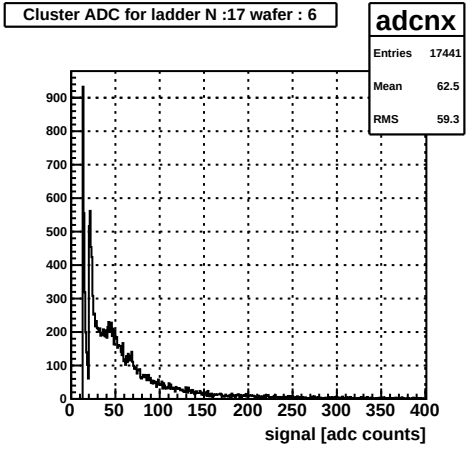

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

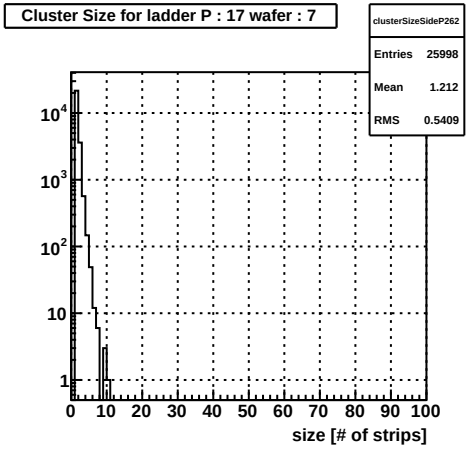

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 36294
Mean 1.107
RMS 0.3788
size [# of strips]

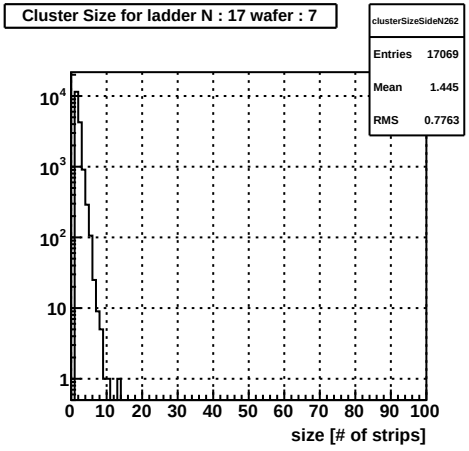

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 17441
Mean 1.707
RMS 1.153
size [# of strips]

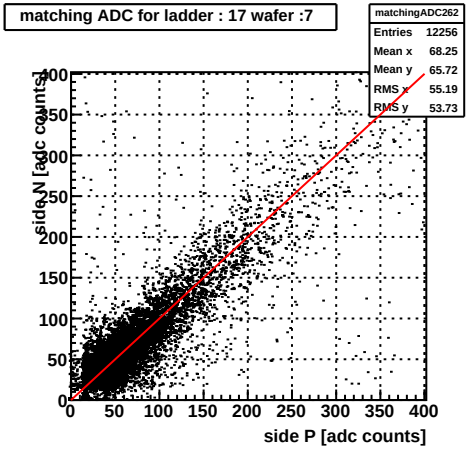

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4089
Mean x 69.35
Mean y 58.09
RMS x 59.53
RMS y 51.06
side N [adc counts]
side P [adc counts]

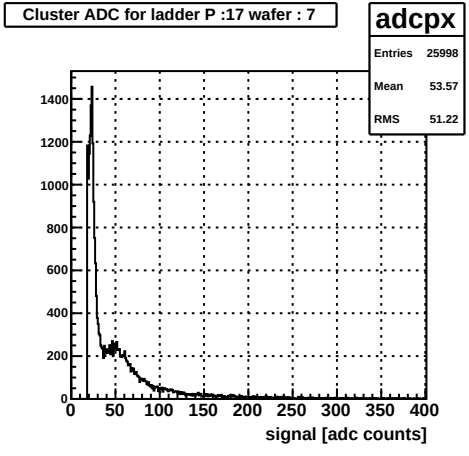

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 36294
Mean 35.22
RMS 35.6
signal [adc counts]

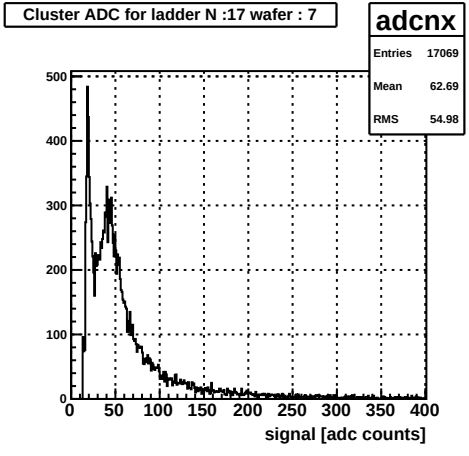

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 17441
Mean 62.5
RMS 59.3
signal [adc counts]

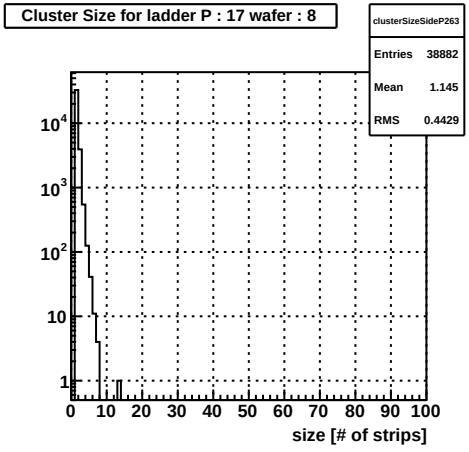

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 25998
Mean 1.212
RMS 0.5409
size [# of strips]

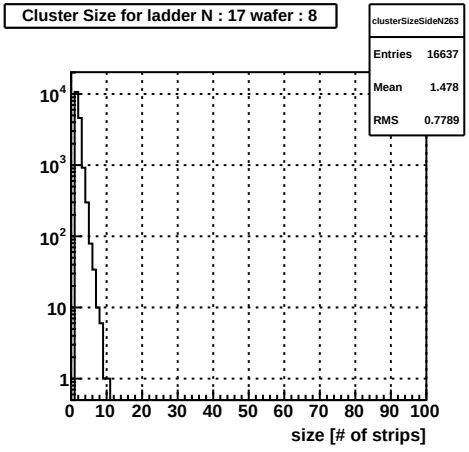

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 17069
Mean 1.445
RMS 0.7763
size [# of strips]

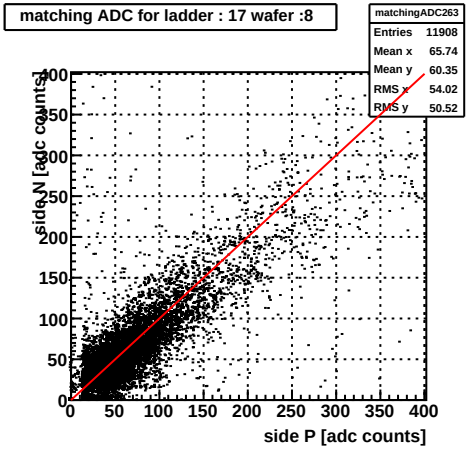

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12256
Mean x 68.25
Mean y 65.72
RMS x 55.19
RMS y 53.73
side N [adc counts]
side P [adc counts]

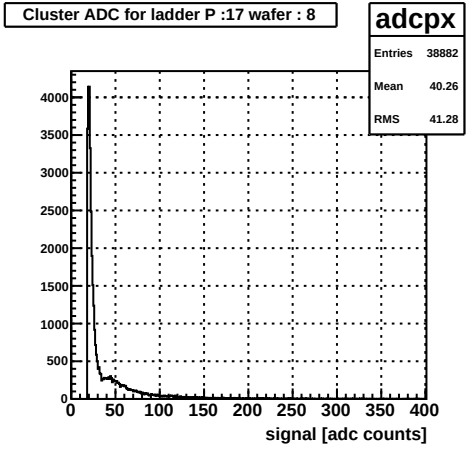

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 25998
Mean 53.57
RMS 51.22
signal [adc counts]

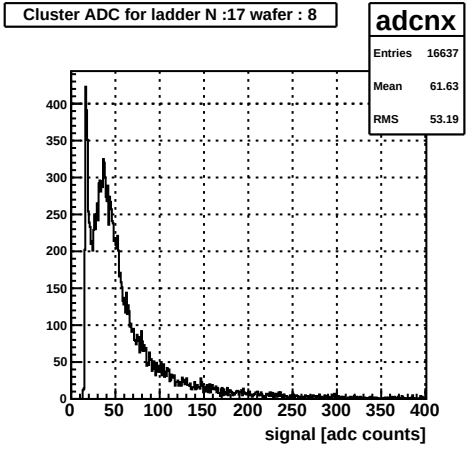

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 17069
Mean 62.69
RMS 54.98
signal [adc counts]

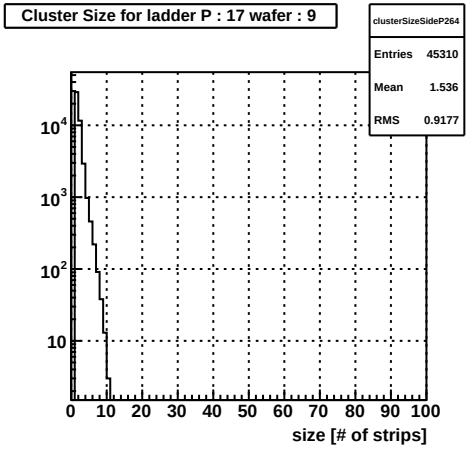

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 38882
Mean 1.145
RMS 0.4429
size [# of strips]

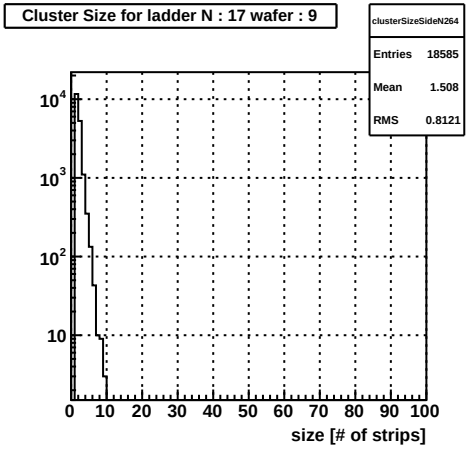

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 16637
Mean 1.478
RMS 0.7789
size [# of strips]

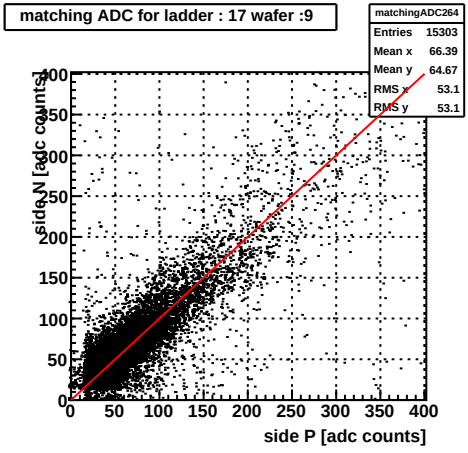

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11908
Mean x 65.74
Mean y 60.35
RMS x 54.02
RMS y 50.52
side N [adc counts]
side P [adc counts]

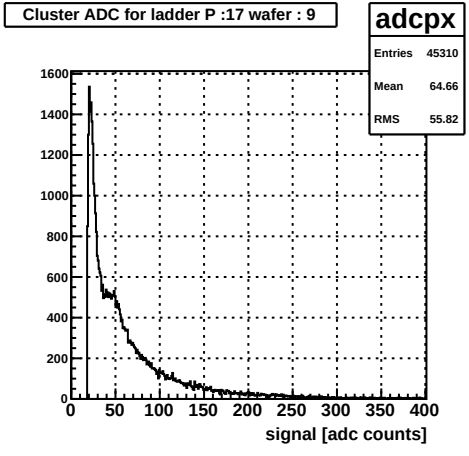

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 38882
Mean 40.26
RMS 41.28
signal [adc counts]

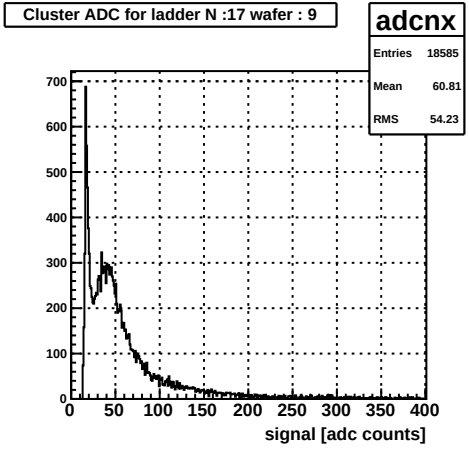

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 16637
Mean 61.63
RMS 53.19
signal [adc counts]

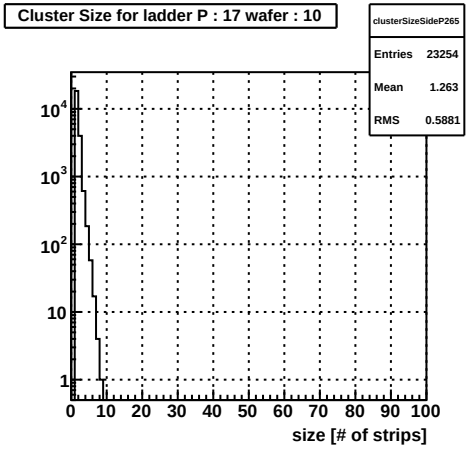

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 45310
Mean 1.536
RMS 0.9177
size [# of strips]

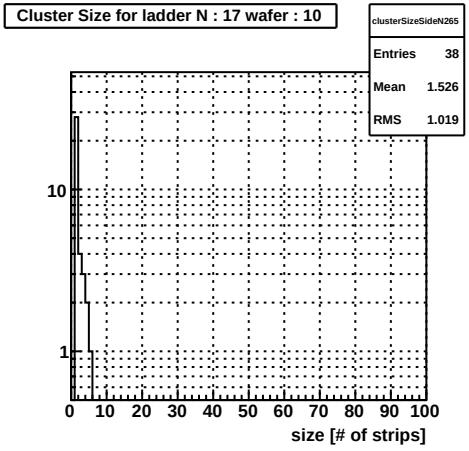

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 18585
Mean 1.508
RMS 0.8121
size [# of strips]

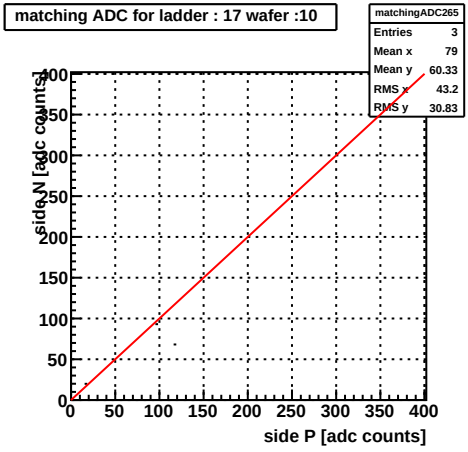

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 15303
Mean x 66.39
Mean y 64.67
RMS x 53.1
RMS y 53.1
side N [adc counts]
side P [adc counts]

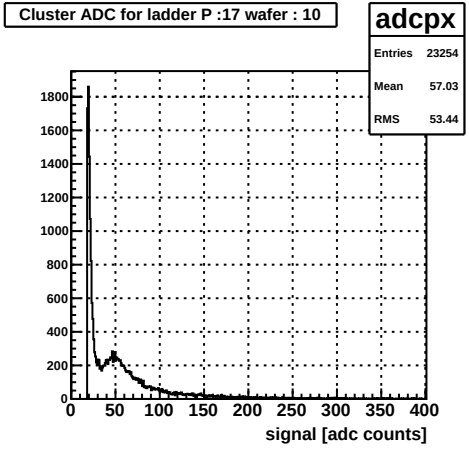

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 45310
Mean 64.66
RMS 55.82
signal [adc counts]

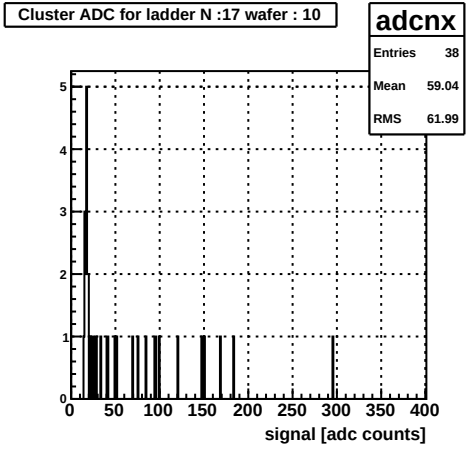

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 18585
Mean 60.81
RMS 54.23
signal [adc counts]

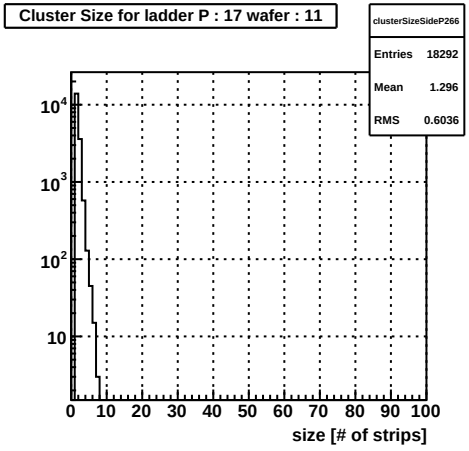

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 23254
Mean 1.263
RMS 0.5881
size [# of strips]

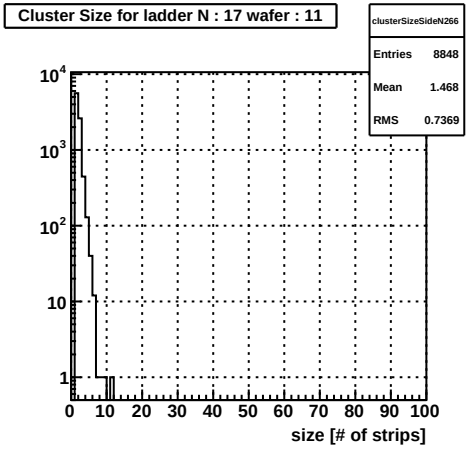

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 38
Mean 1.526
RMS 1.019
size [# of strips]

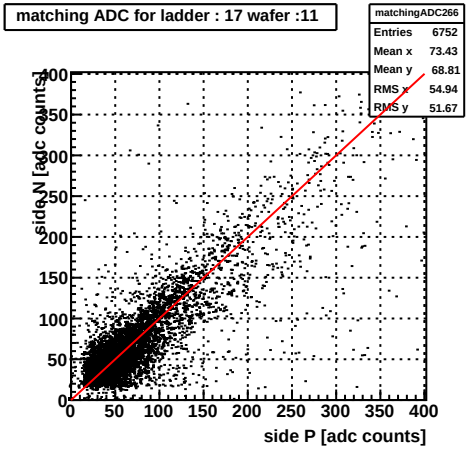

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 79
Mean y 60.33
RMS x 43.2
RMS y 30.83
side N [adc counts]
side P [adc counts]

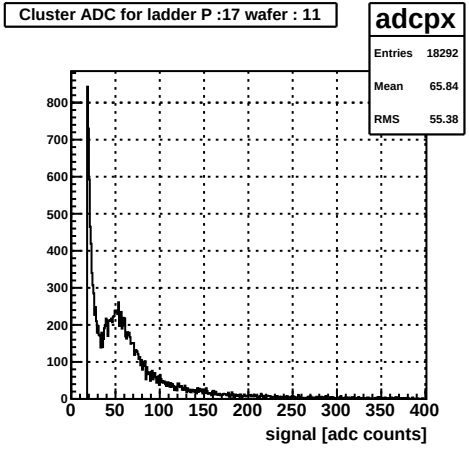

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 23254
Mean 57.03
RMS 53.44
signal [adc counts]

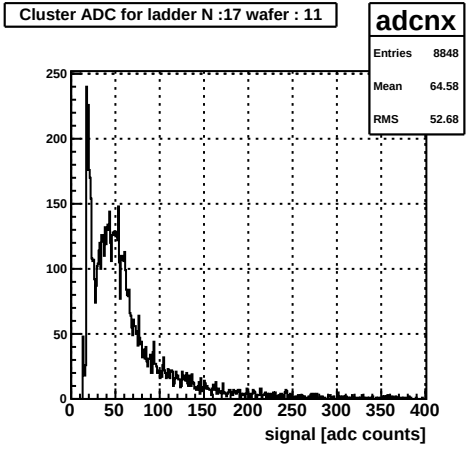

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 38
Mean 59.04
RMS 61.99
signal [adc counts]

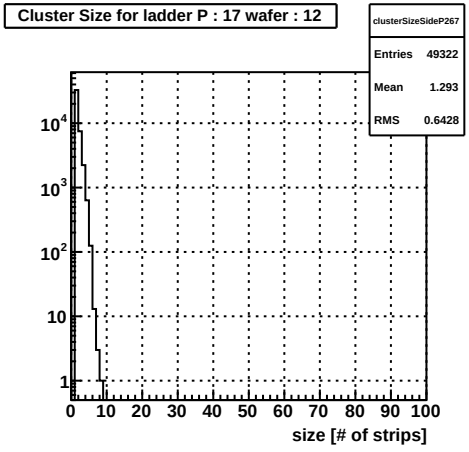

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 18292
Mean 1.296
RMS 0.6036
size [# of strips]

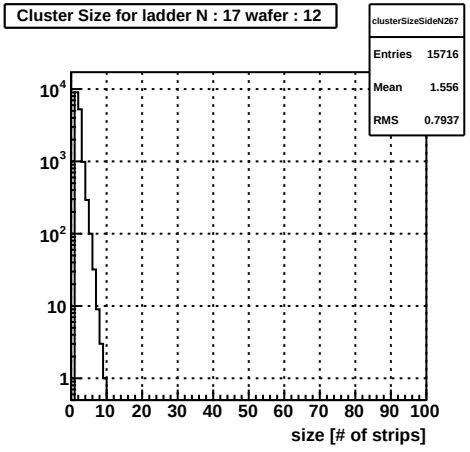

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 8848
Mean 1.468
RMS 0.7369
size [# of strips]

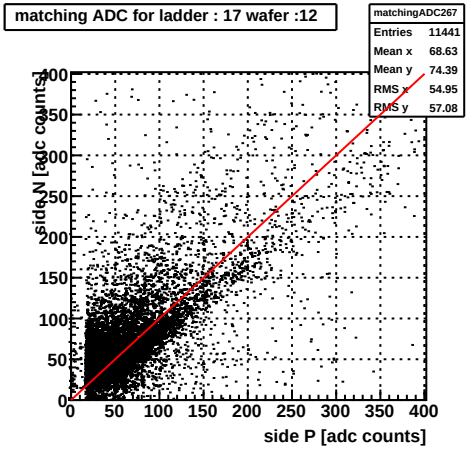

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6752
Mean x 73.43
Mean y 68.81
RMS x 54.94
RMS y 51.67
side N [adc counts]
side P [adc counts]

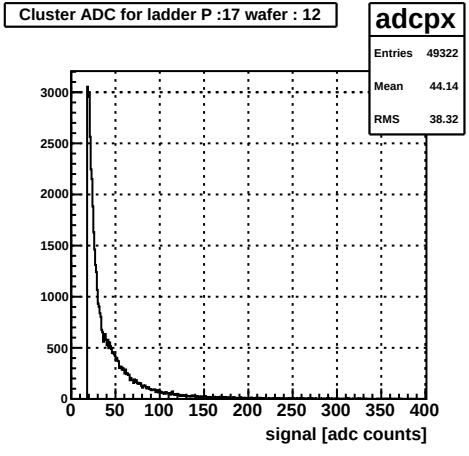

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 18292
Mean 65.84
RMS 55.38
signal [adc counts]

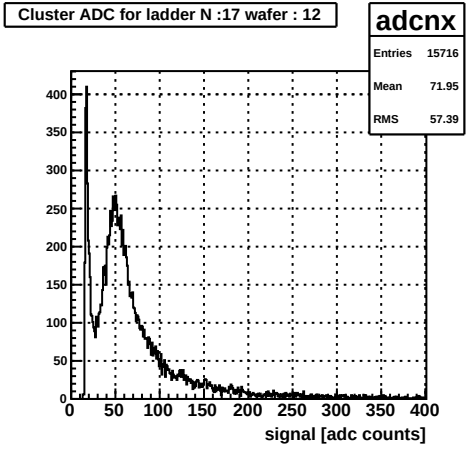

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 8848
Mean 64.58
RMS 52.68
signal [adc counts]

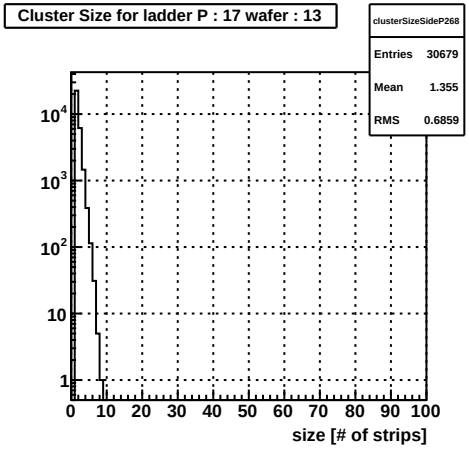

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 49322
Mean 1.293
RMS 0.6428
size [# of strips]

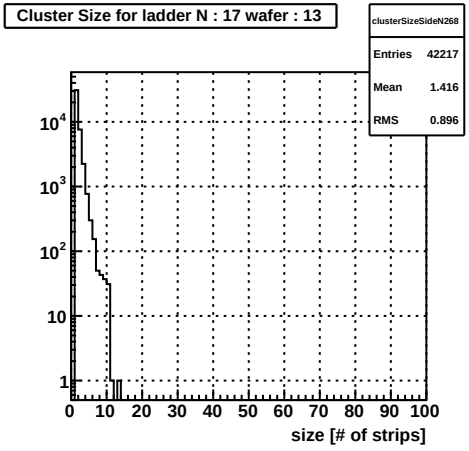

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 15716
Mean 1.556
RMS 0.7937
size [# of strips]

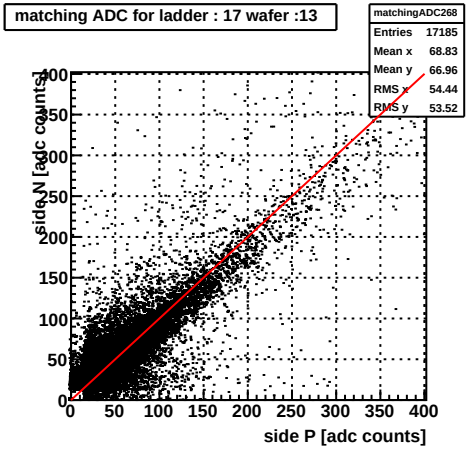

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11441
Mean x 68.63
Mean y 74.39
RMS x 54.95
RMS y 57.08
side N [adc counts]
side P [adc counts]

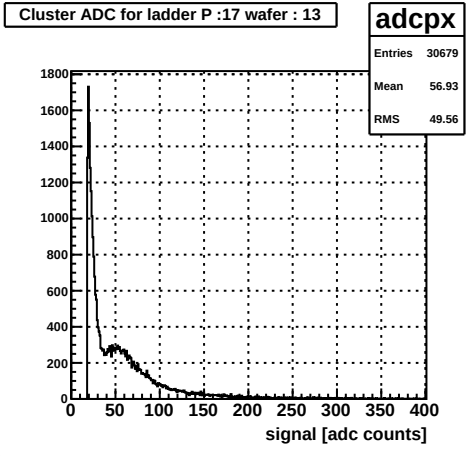

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 49322
Mean 44.14
RMS 38.32
signal [adc counts]

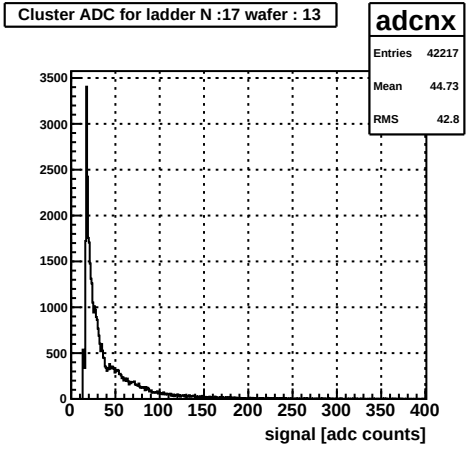

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 15716
Mean 71.95
RMS 57.39
signal [adc counts]

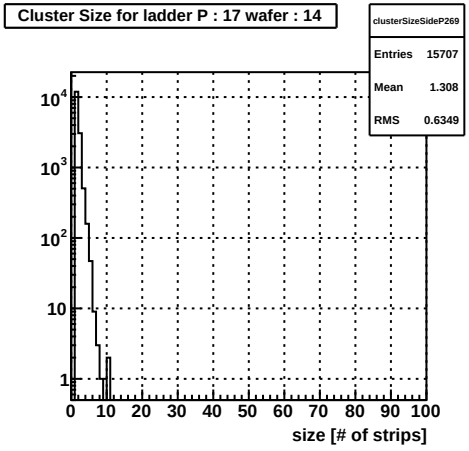

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 30679
Mean 1.355
RMS 0.6859
size [# of strips]

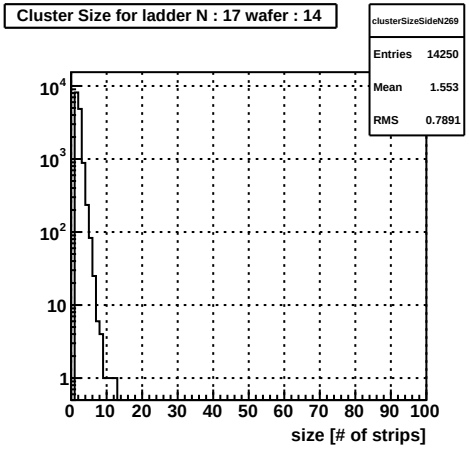

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 42217
Mean 1.416
RMS 0.896
size [# of strips]

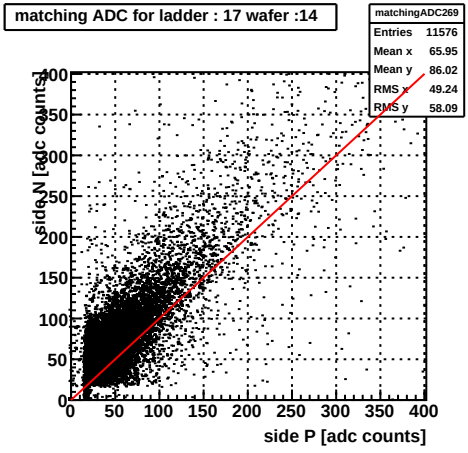

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 17185
Mean x 68.83
Mean y 66.96
RMS x 54.44
RMS y 53.52
side N [adc counts]
side P [adc counts]

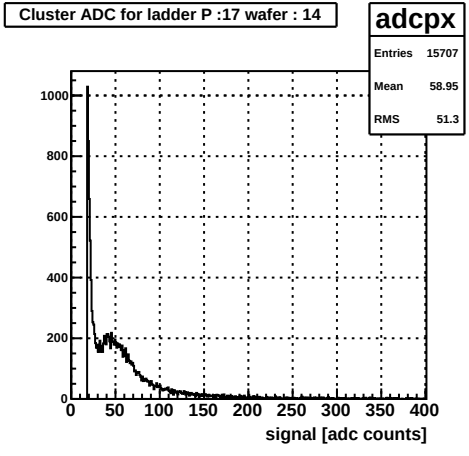

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 30679
Mean 56.93
RMS 49.56
signal [adc counts]

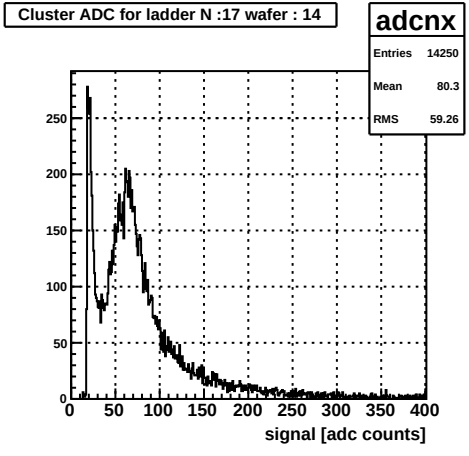

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 42217
Mean 44.73
RMS 42.8
signal [adc counts]

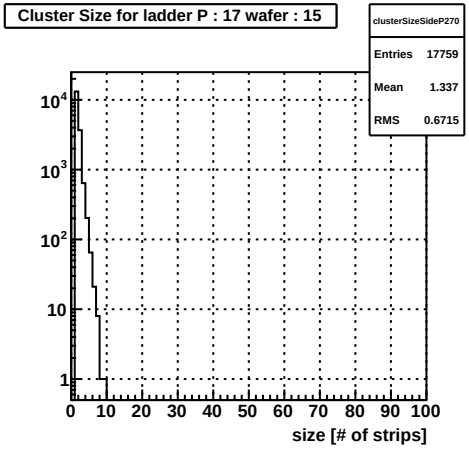

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 15707
Mean 1.308
RMS 0.6349
size [# of strips]

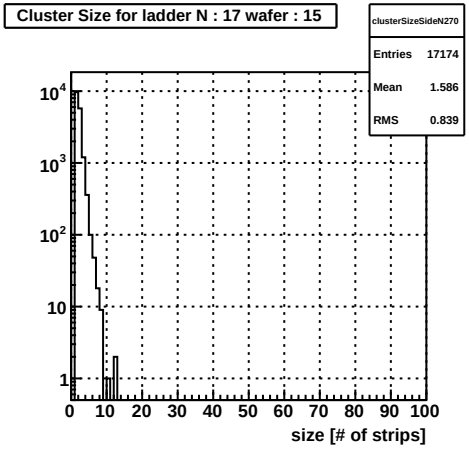

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 14250
Mean 1.553
RMS 0.7891
size [# of strips]

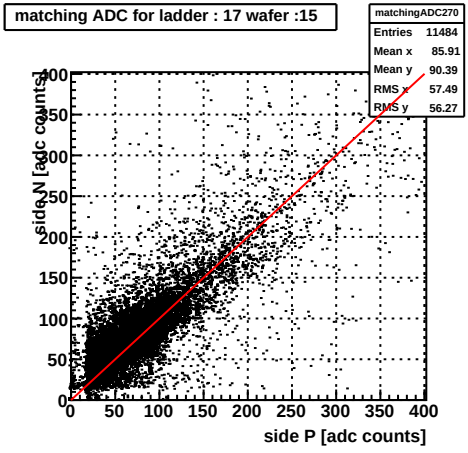

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 11576
Mean x 65.95
Mean y 86.02
RMS x 49.24
RMS y 58.09
side N [adc counts]
side P [adc counts]

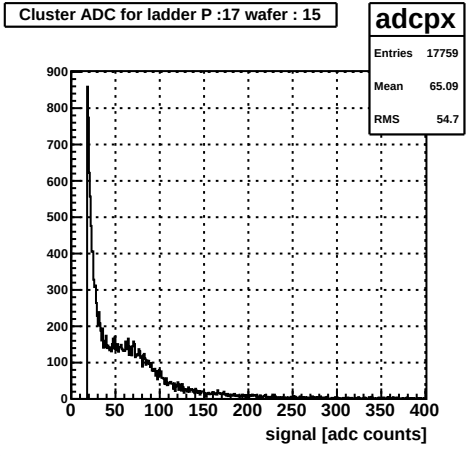

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 15707
Mean 58.95
RMS 51.3
signal [adc counts]

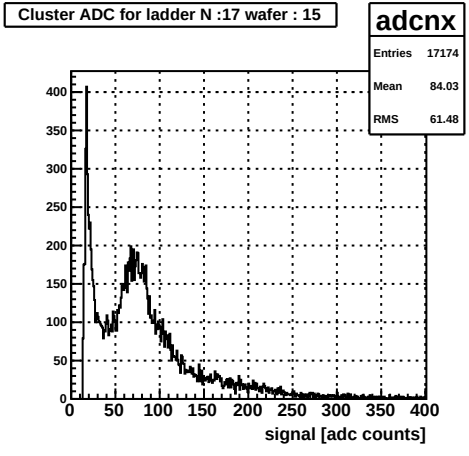

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 14250
Mean 80.3
RMS 59.26
signal [adc counts]

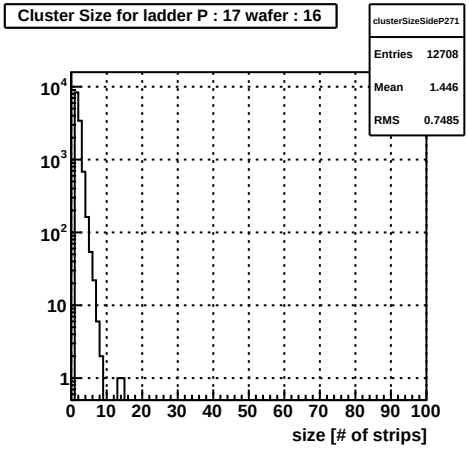

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 17759
Mean 1.337
RMS 0.6715
size [# of strips]

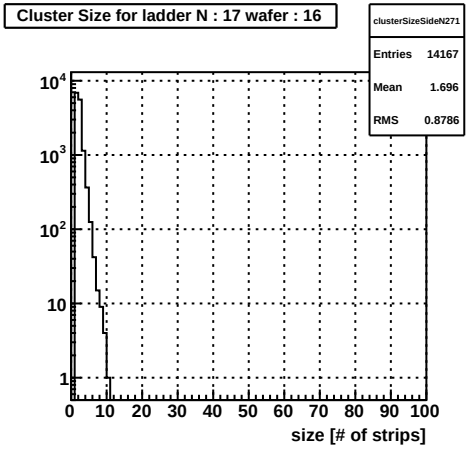

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 17174
Mean 1.586
RMS 0.839
size [# of strips]

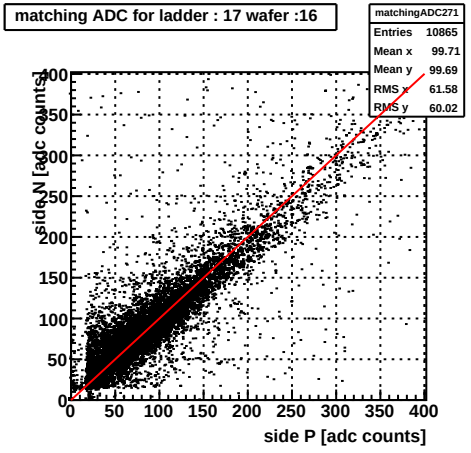

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 11484
Mean x 85.91
Mean y 90.39
RMS x 57.49
RMS y 56.27
side N [adc counts]
side P [adc counts]

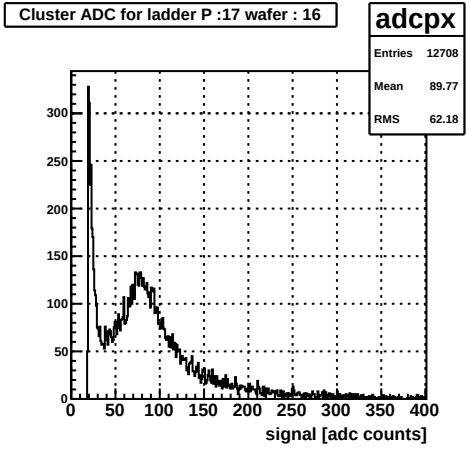

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 17759
Mean 65.09
RMS 54.7
signal [adc counts]

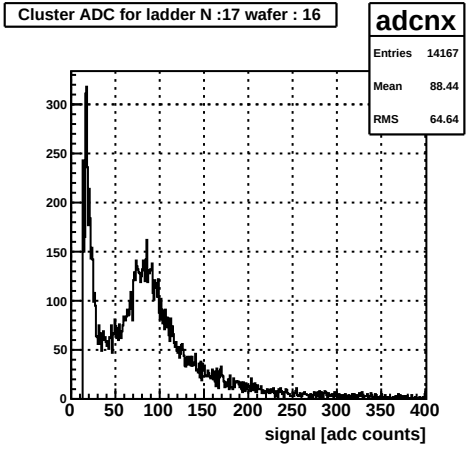

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 17174
Mean 84.03
RMS 61.48
signal [adc counts]

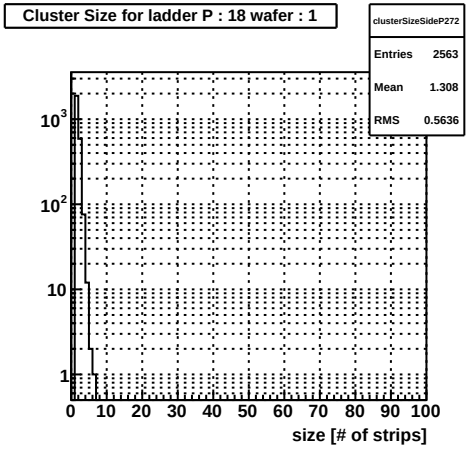

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 12708
Mean 1.446
RMS 0.7485
size [# of strips]

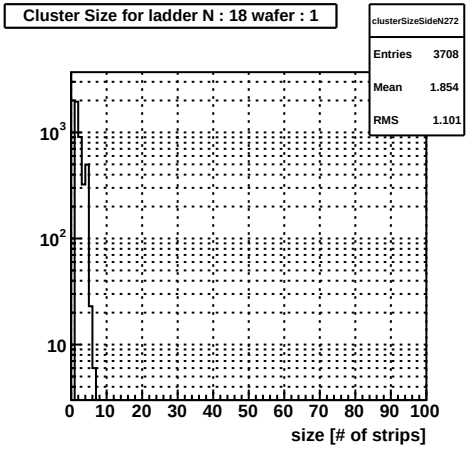

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 14167
Mean 1.696
RMS 0.8786
size [# of strips]

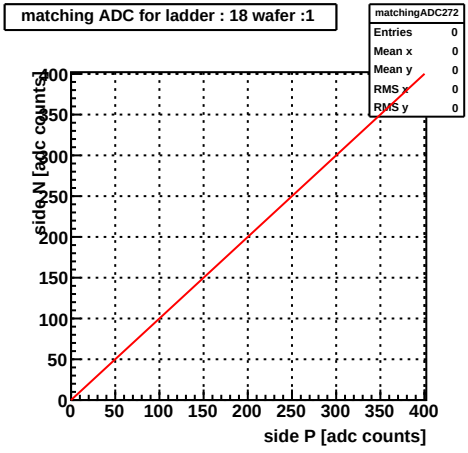

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 10865
Mean x 99.71
Mean y 99.69
RMS x 61.58
RMS y 60.02
side N [adc counts]
side P [adc counts]

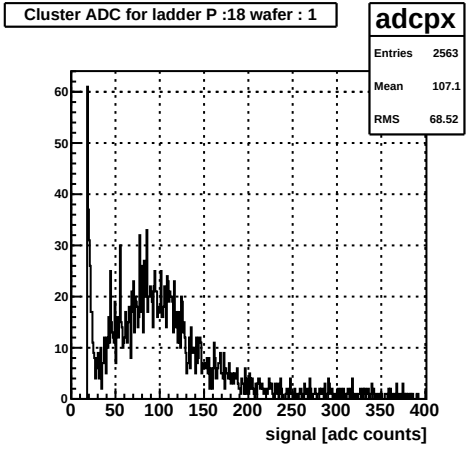

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 12708
Mean 89.77
RMS 62.18
signal [adc counts]

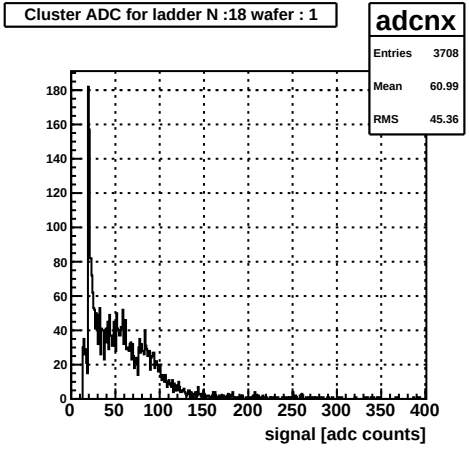

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 14167
Mean 88.44
RMS 64.64
signal [adc counts]

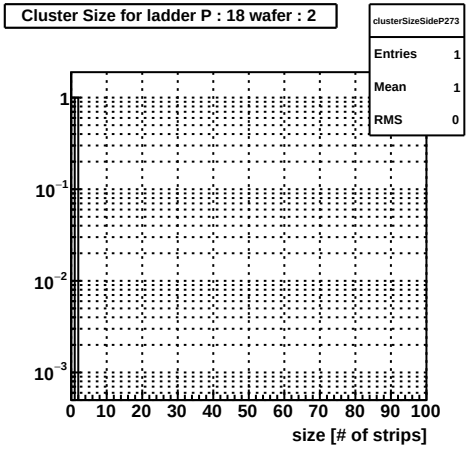

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2563
Mean 1.308
RMS 0.5636
size [# of strips]

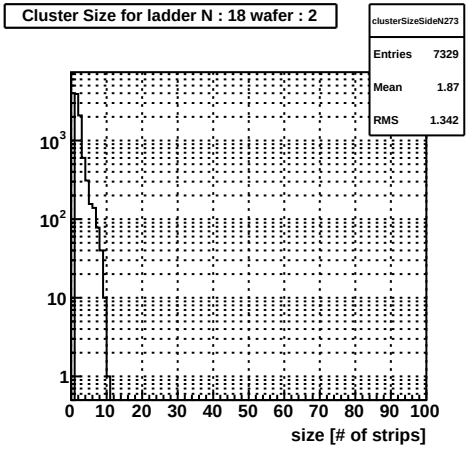

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3708
Mean 1.854
RMS 1.101
size [# of strips]

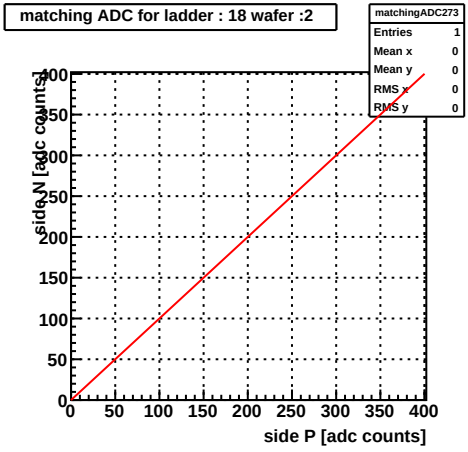

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

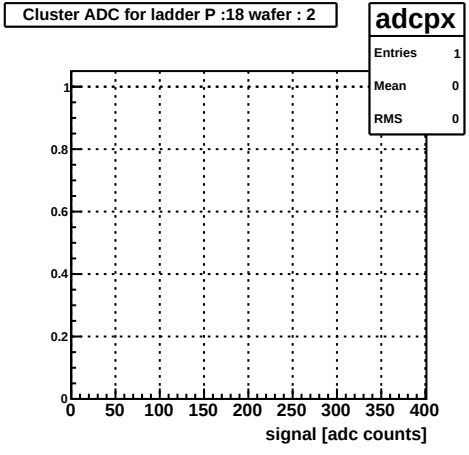

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2563
Mean 107.1
RMS 68.52
signal [adc counts]

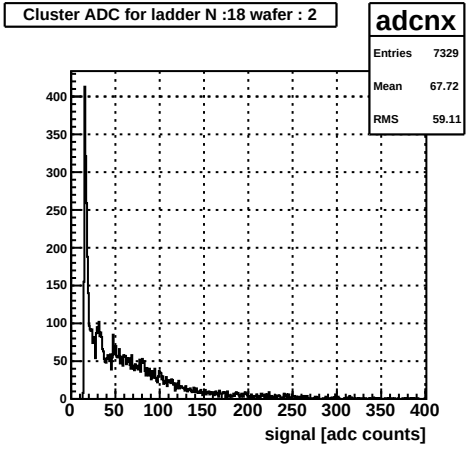

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3708
Mean 60.99
RMS 45.36
signal [adc counts]

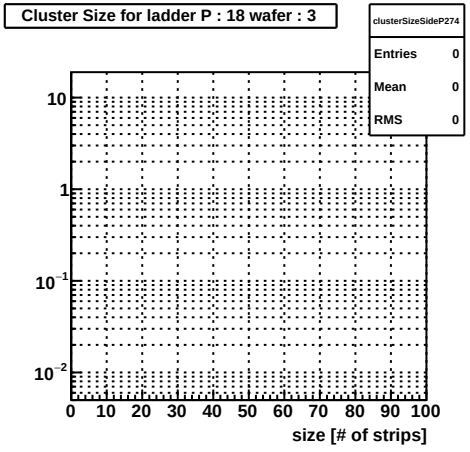

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 1
Mean 1
RMS 0
size [# of strips]

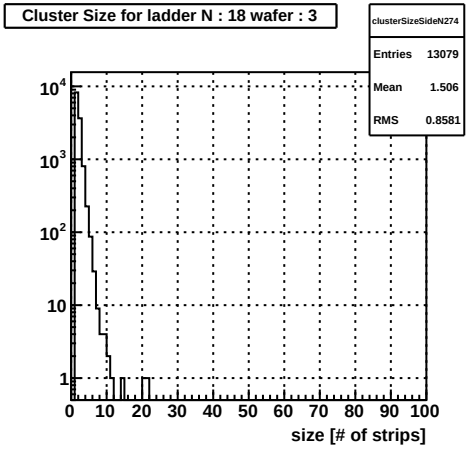

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7329
Mean 1.87
RMS 1.342
size [# of strips]

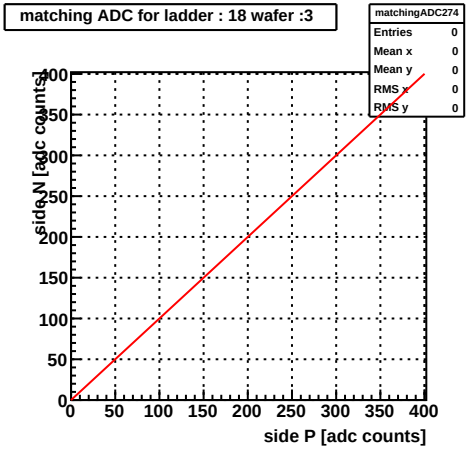

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

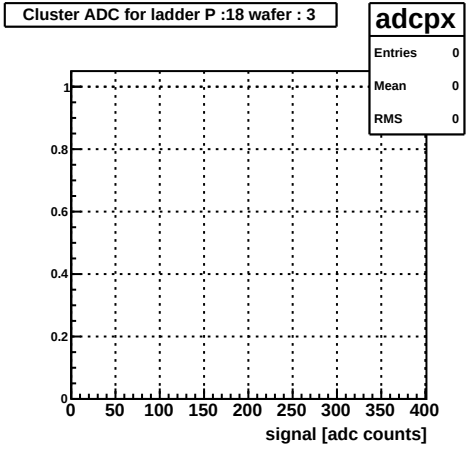

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

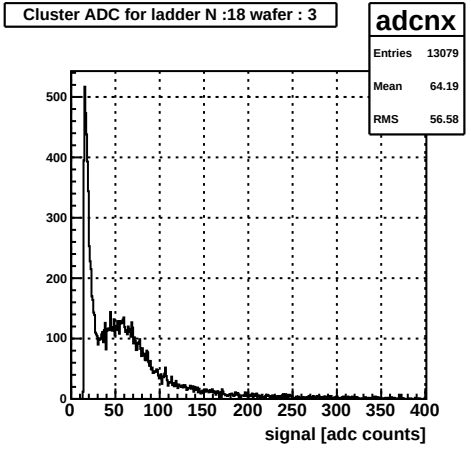

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7329
Mean 67.72
RMS 59.11
signal [adc counts]

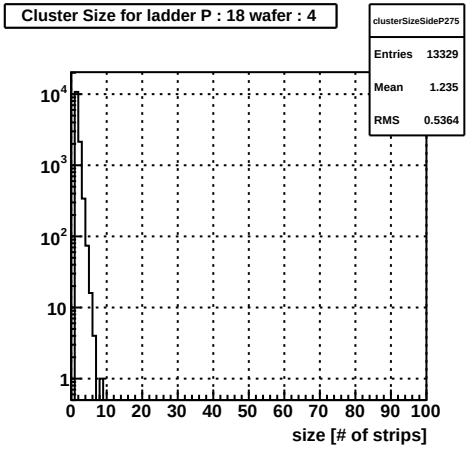

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

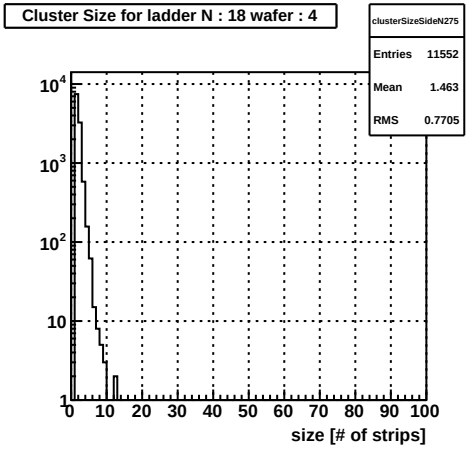

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 13079
Mean 1.506
RMS 0.8581
size [# of strips]

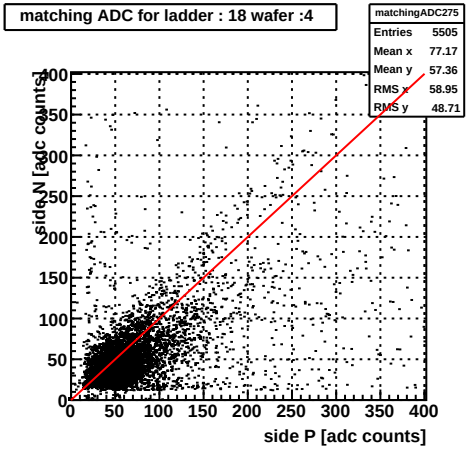

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

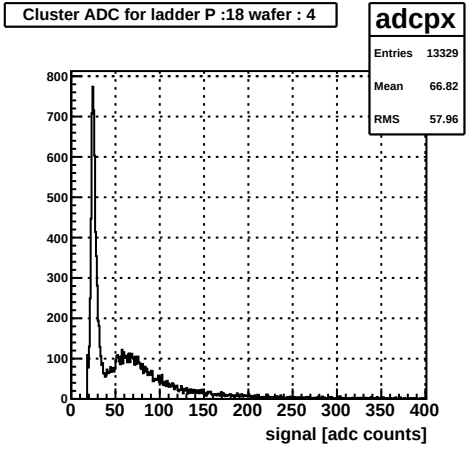

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

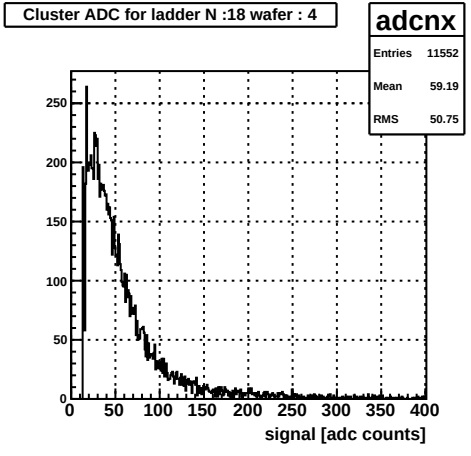

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 13079
Mean 64.19
RMS 56.58
signal [adc counts]

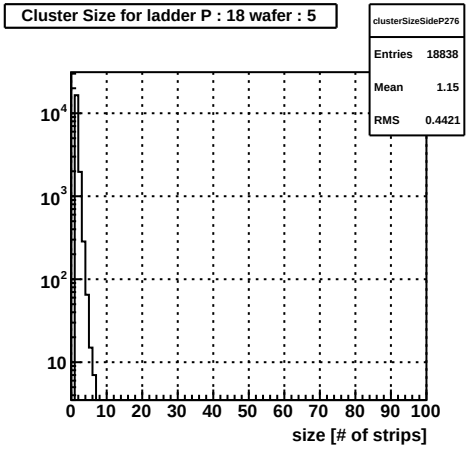

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 13329
Mean 1.235
RMS 0.5364
size [# of strips]

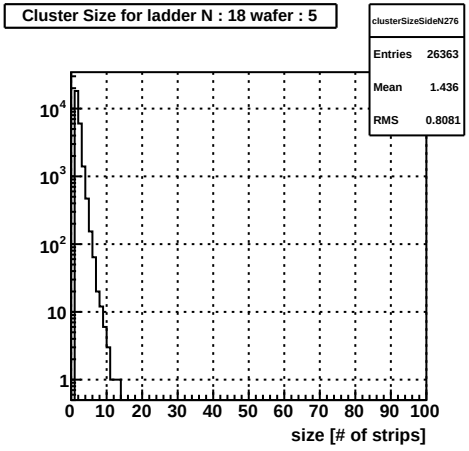

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 11552
Mean 1.463
RMS 0.7705
size [# of strips]

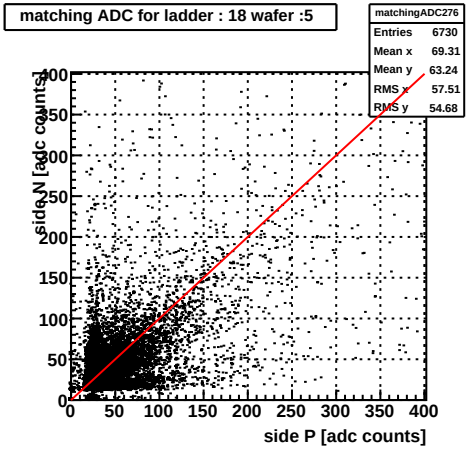

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5505
Mean x 77.17
Mean y 57.36
RMS x 58.95
RMS y 48.71
side N [adc counts]
side P [adc counts]

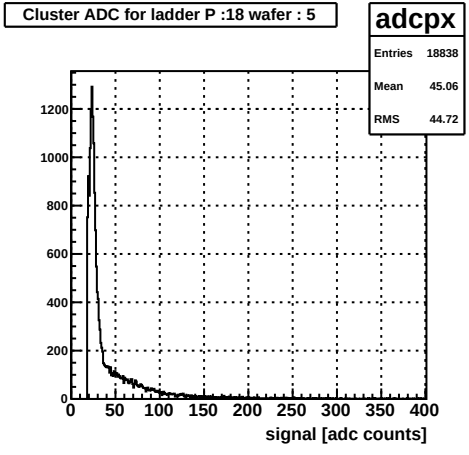

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 13329
Mean 66.82
RMS 57.96
signal [adc counts]

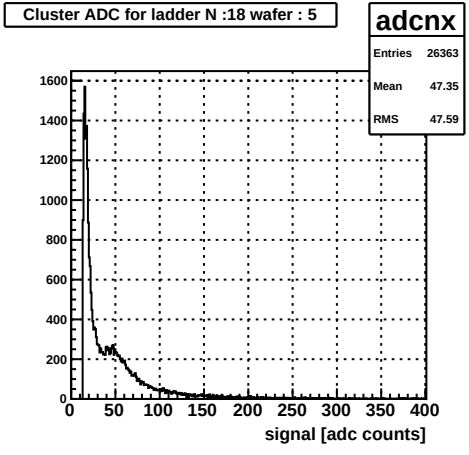

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 11552
Mean 59.19
RMS 50.75
signal [adc counts]

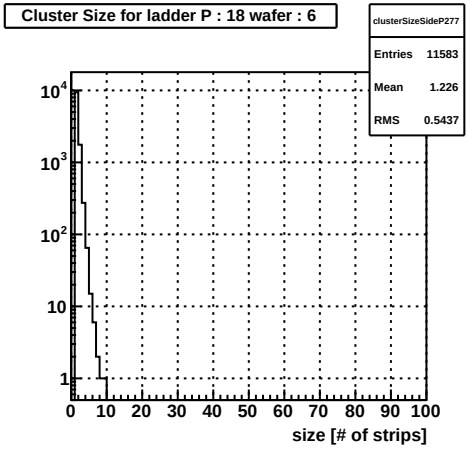

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 18838
Mean 1.15
RMS 0.4421
size [# of strips]

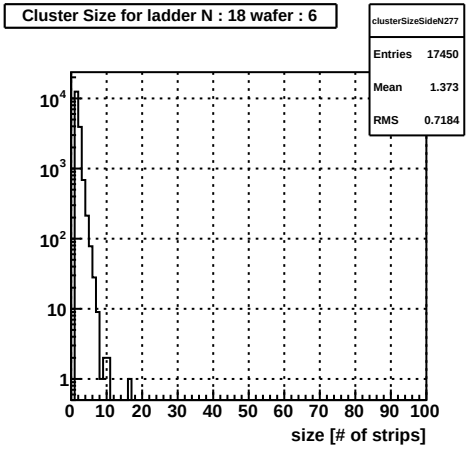

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 26363
Mean 1.436
RMS 0.8081
size [# of strips]

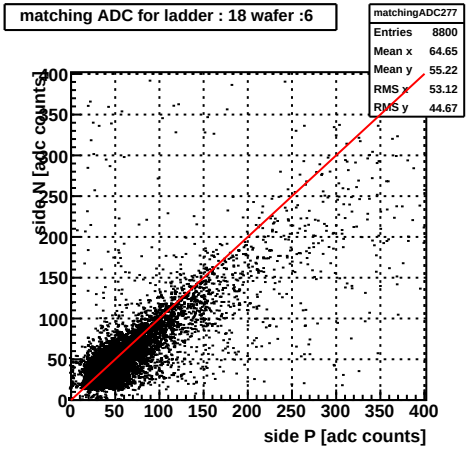

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6730
Mean x 69.31
Mean y 63.24
RMS x 57.51
RMS y 54.68
side N [adc counts]
side P [adc counts]

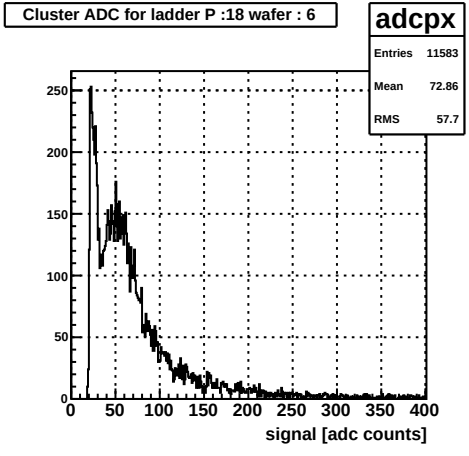

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 18838
Mean 45.06
RMS 44.72
signal [adc counts]

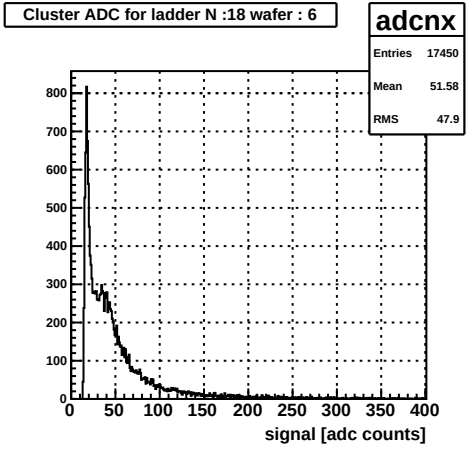

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 26363
Mean 47.35
RMS 47.59
signal [adc counts]

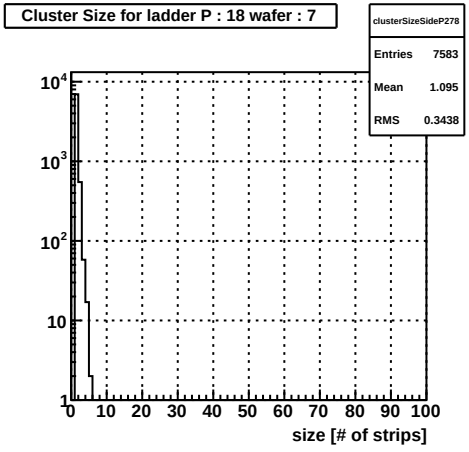

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 11583
Mean 1.226
RMS 0.5437
size [# of strips]

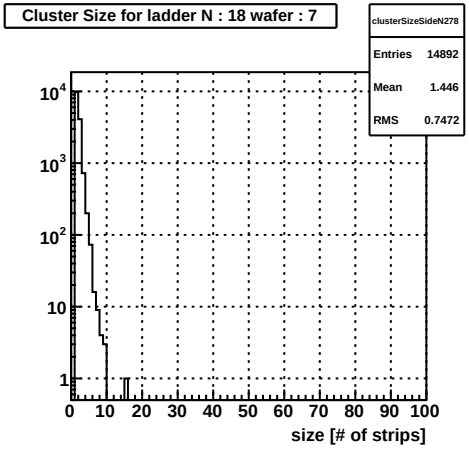

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 17450
Mean 1.373
RMS 0.7184
size [# of strips]

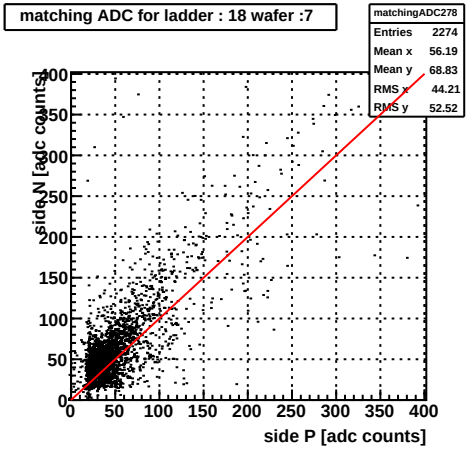

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8800
Mean x 64.65
Mean y 55.22
RMS x 53.12
RMS y 44.67
side N [adc counts]
side P [adc counts]

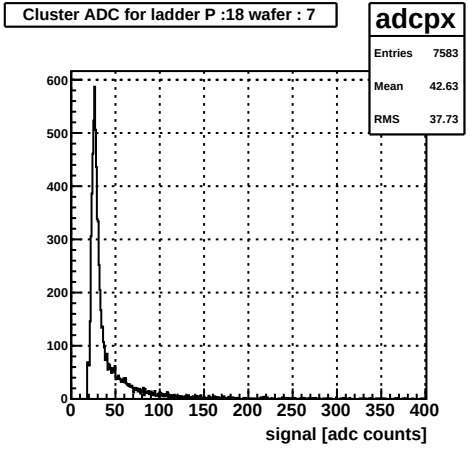

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 11583
Mean 72.86
RMS 57.7
signal [adc counts]

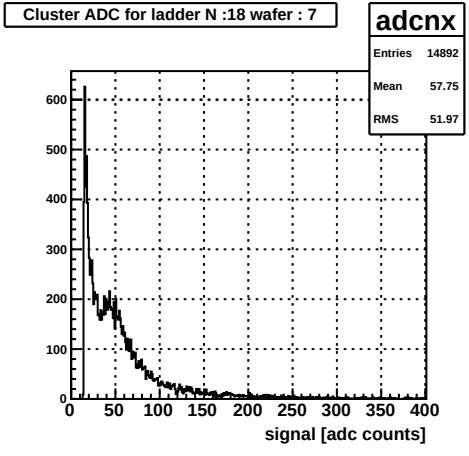

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 17450
Mean 51.58
RMS 47.9
signal [adc counts]

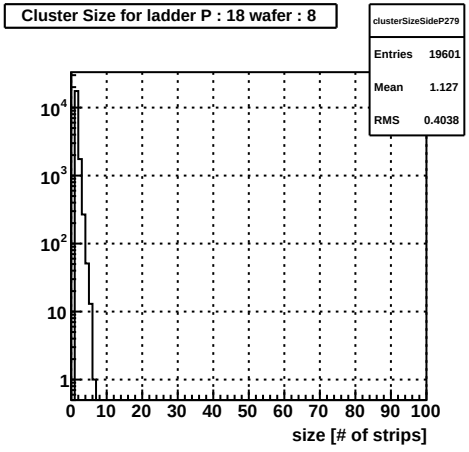

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7583
Mean 1.095
RMS 0.3438
size [# of strips]

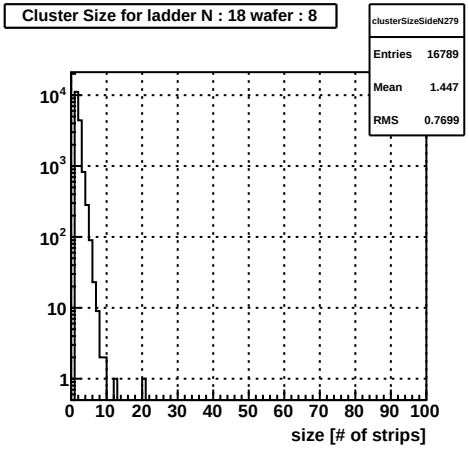

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 14892
Mean 1.446
RMS 0.7472
size [# of strips]

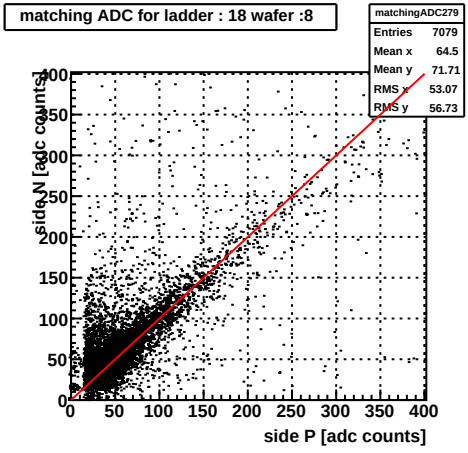

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2274
Mean x 56.19
Mean y 68.83
RMS x 44.21
RMS y 52.52
side N [adc counts]
side P [adc counts]

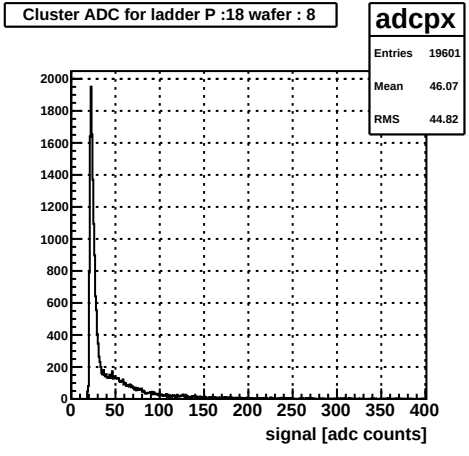

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7583
Mean 42.63
RMS 37.73
signal [adc counts]

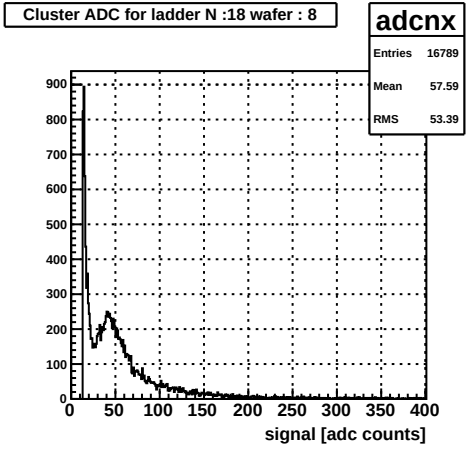

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 14892
Mean 57.75
RMS 51.97
signal [adc counts]

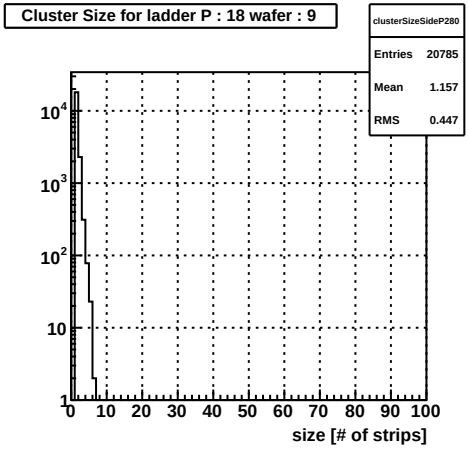

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 19601
Mean 1.127
RMS 0.4038
size [# of strips]

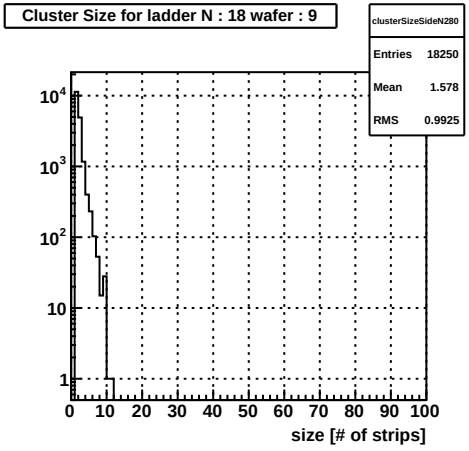

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 16789
Mean 1.447
RMS 0.7699
size [# of strips]

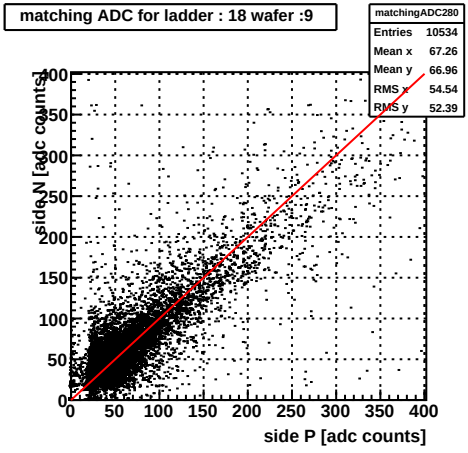

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 7079
Mean x 64.5
Mean y 71.71
RMS x 53.07
RMS y 56.73
side N [adc counts]
side P [adc counts]

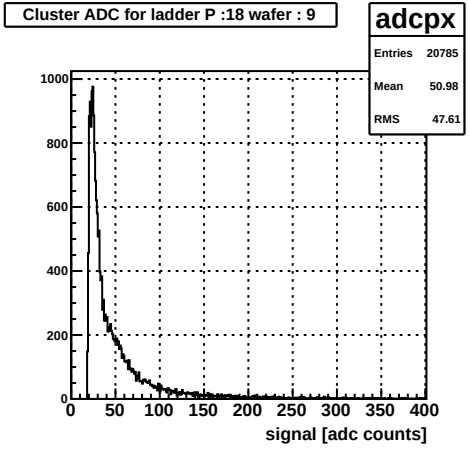

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 19601
Mean 46.07
RMS 44.82
signal [adc counts]

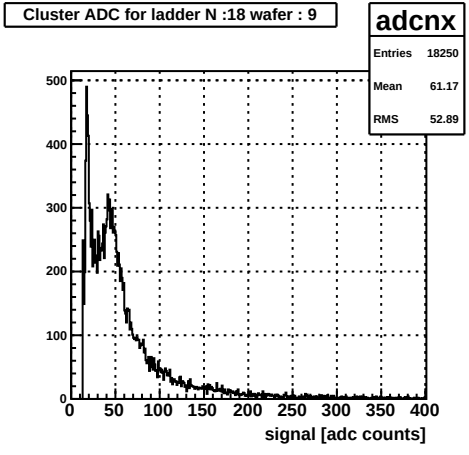

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 16789
Mean 57.59
RMS 53.39
signal [adc counts]

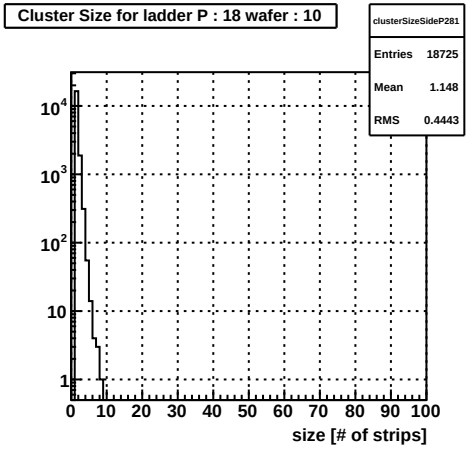

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 20785
Mean 1.157
RMS 0.447
size [# of strips]

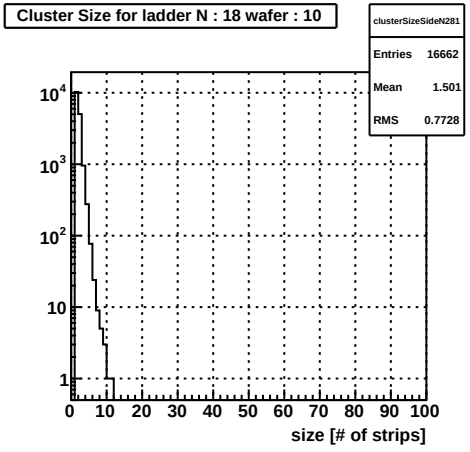

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 18250
Mean 1.578
RMS 0.9925
size [# of strips]

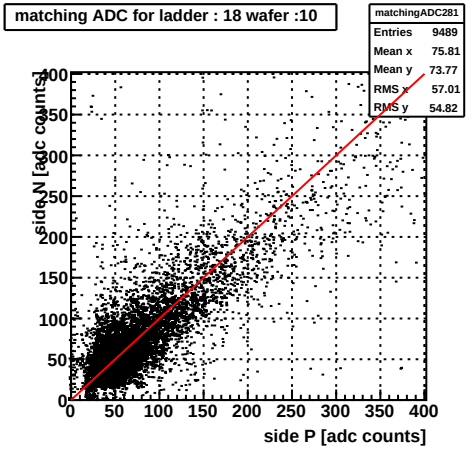

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10534
Mean x 67.26
Mean y 66.96
RMS x 54.54
RMS y 52.39
side N [adc counts]
side P [adc counts]

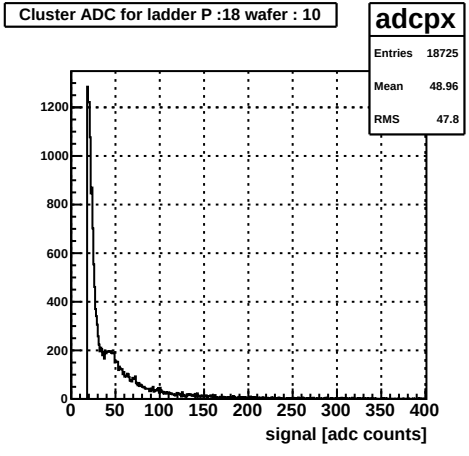

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 20785
Mean 50.98
RMS 47.61
signal [adc counts]

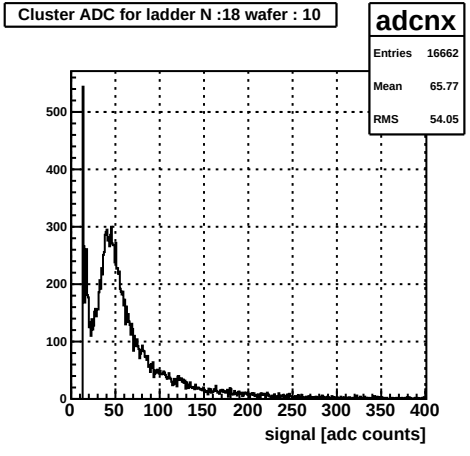

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 18250
Mean 61.17
RMS 52.89
signal [adc counts]

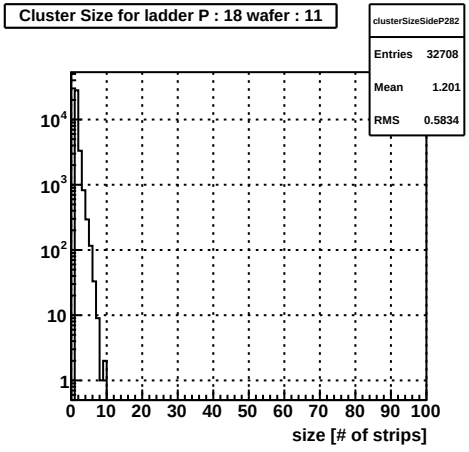

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 18725
Mean 1.148
RMS 0.4443
size [# of strips]

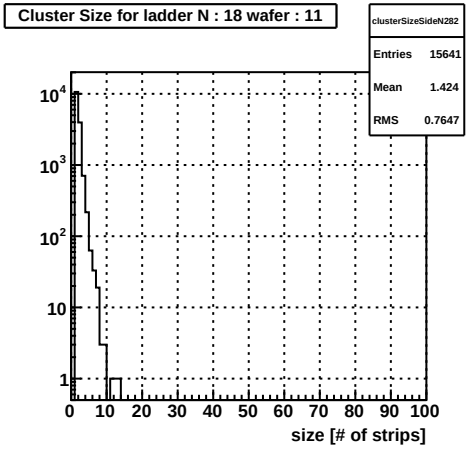

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 16662
Mean 1.501
RMS 0.7728
size [# of strips]

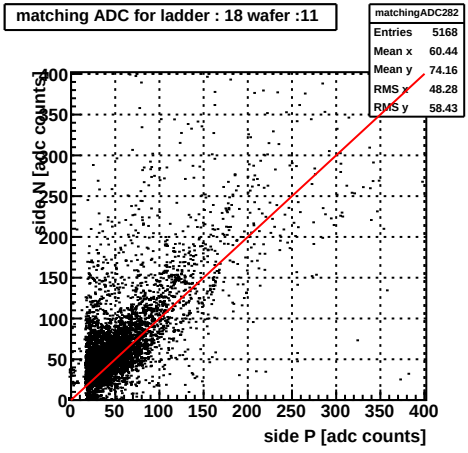

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9489
Mean x 75.81
Mean y 73.77
RMS x 57.01
RMS y 54.82
side N [adc counts]
side P [adc counts]

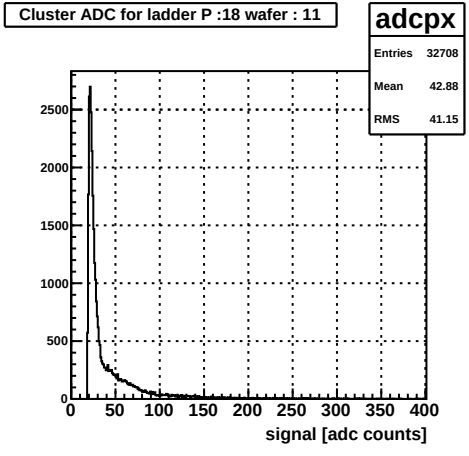

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 18725
Mean 48.96
RMS 47.8
signal [adc counts]

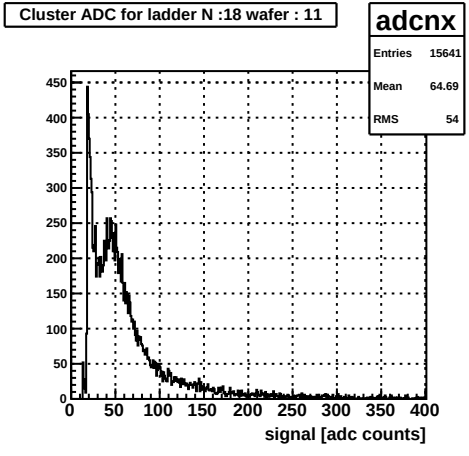

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 16662
Mean 65.77
RMS 54.05
signal [adc counts]

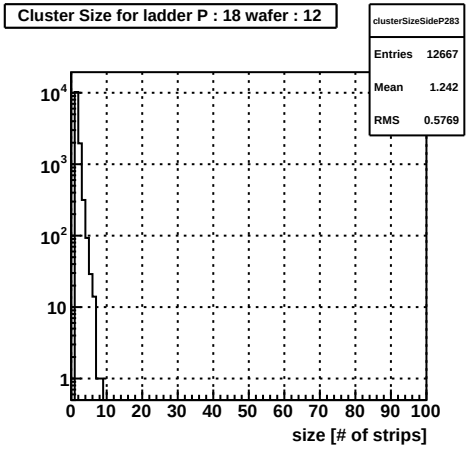

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 32708
Mean 1.201
RMS 0.5834
size [# of strips]

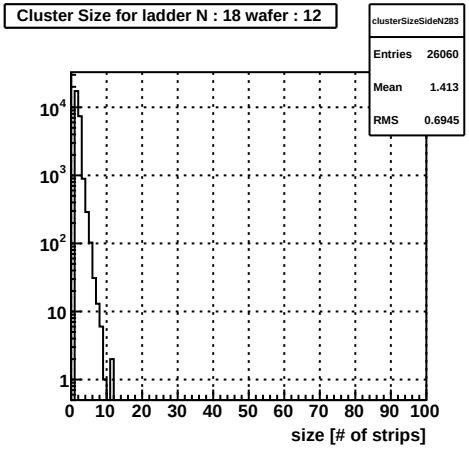

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 15641
Mean 1.424
RMS 0.7647
size [# of strips]

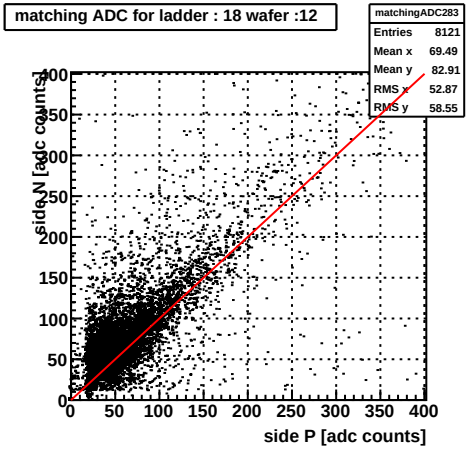

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5168
Mean x 60.44
Mean y 74.16
RMS x 48.28
RMS y 58.43
side N [adc counts]
side P [adc counts]

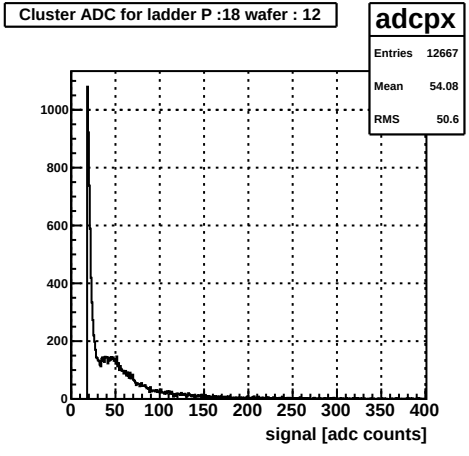

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 32708
Mean 42.88
RMS 41.15
signal [adc counts]

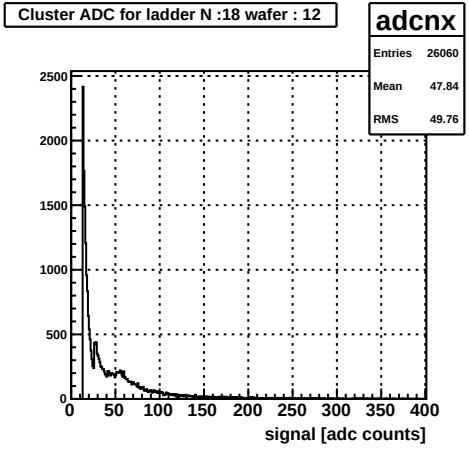

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 15641
Mean 64.69
RMS 54
signal [adc counts]

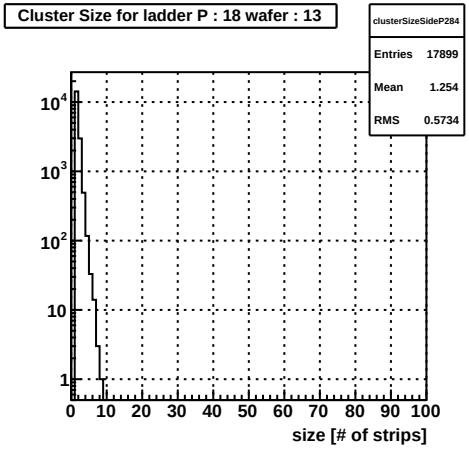

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12667
Mean 1.242
RMS 0.5769
size [# of strips]

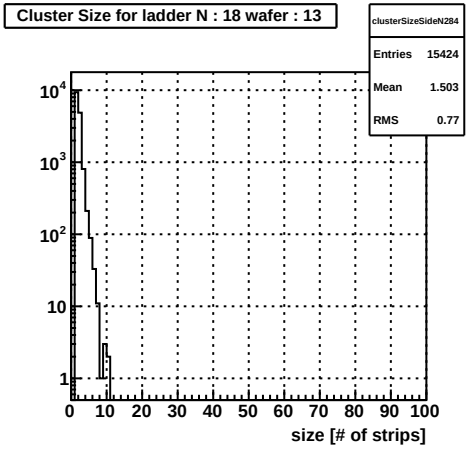

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 26060
Mean 1.413
RMS 0.6945
size [# of strips]

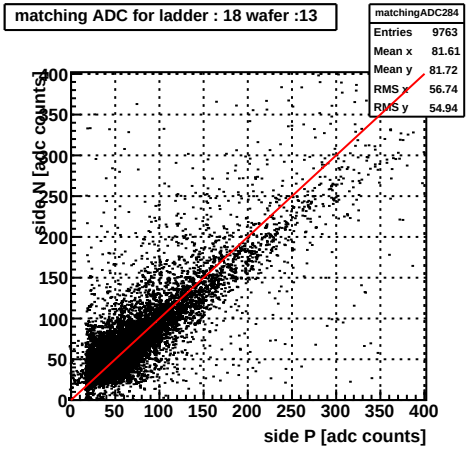

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8121
Mean x 69.49
Mean y 82.91
RMS x 52.87
RMS y 58.55
side N [adc counts]
side P [adc counts]

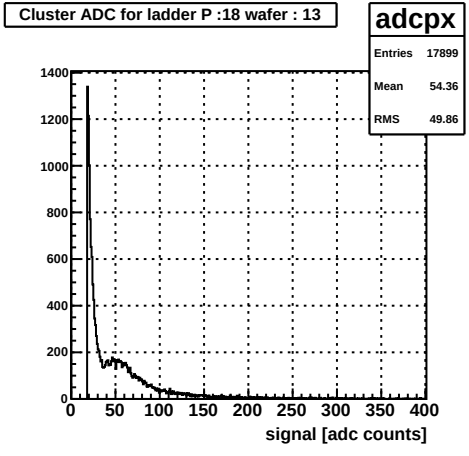

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12667
Mean 54.08
RMS 50.6
signal [adc counts]

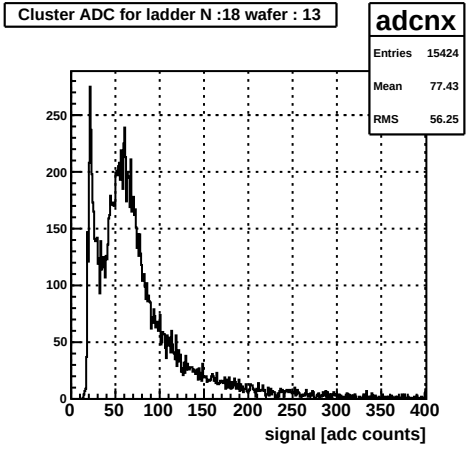

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 26060
Mean 47.84
RMS 49.76
signal [adc counts]

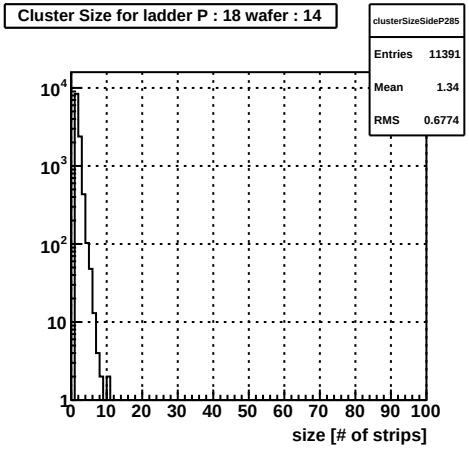

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 17899
Mean 1.254
RMS 0.5734
size [# of strips]

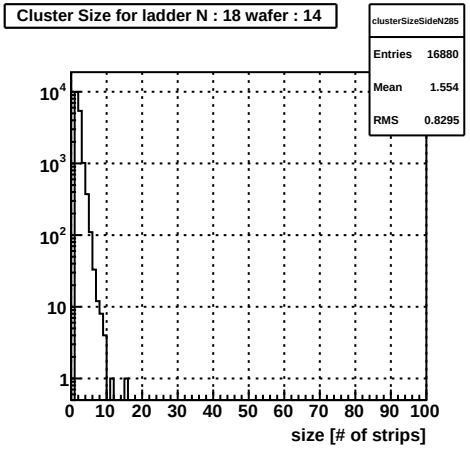

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 15424
Mean 1.503
RMS 0.77
size [# of strips]

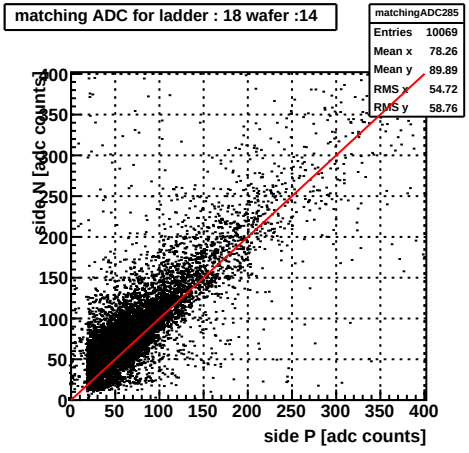

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9763
Mean x 81.61
Mean y 81.72
RMS x 56.74
RMS y 54.94
side N [adc counts]
side P [adc counts]

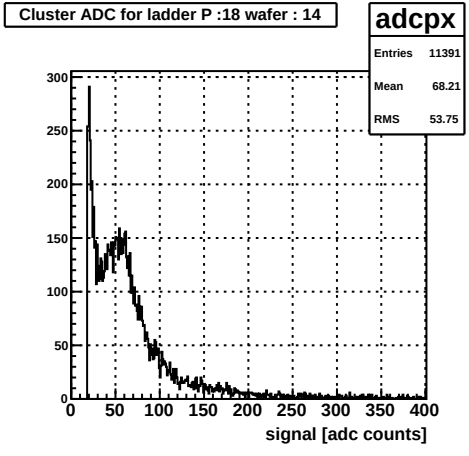

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 17899
Mean 54.36
RMS 49.86
signal [adc counts]

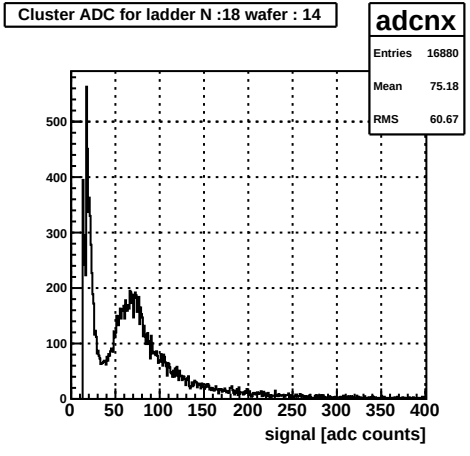

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 15424
Mean 77.43
RMS 56.25
signal [adc counts]

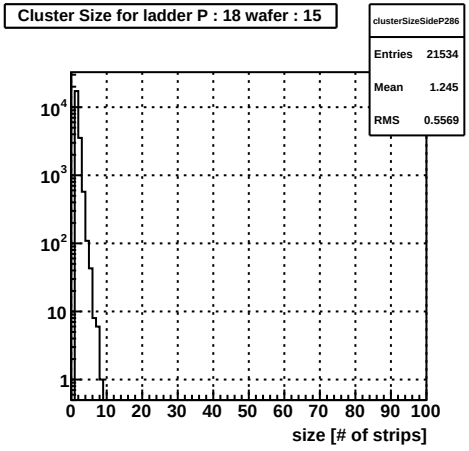

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 11391
Mean 1.34
RMS 0.6774
size [# of strips]

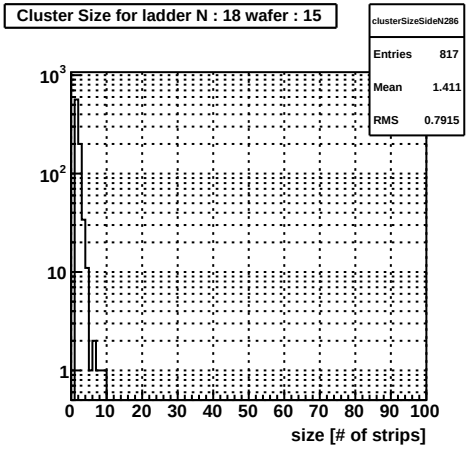

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 16880
Mean 1.554
RMS 0.8295
size [# of strips]

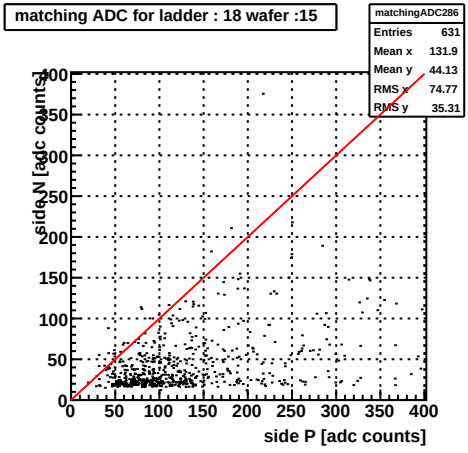

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10069
Mean x 78.26
Mean y 89.89
RMS x 54.72
RMS y 58.76
side N [adc counts]
side P [adc counts]

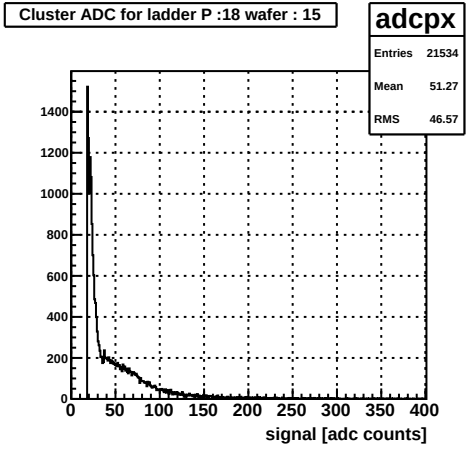

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 11391
Mean 68.21
RMS 53.75
signal [adc counts]

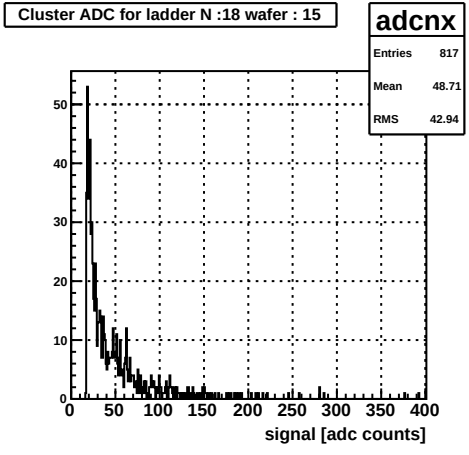

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 16880
Mean 75.18
RMS 60.67
signal [adc counts]

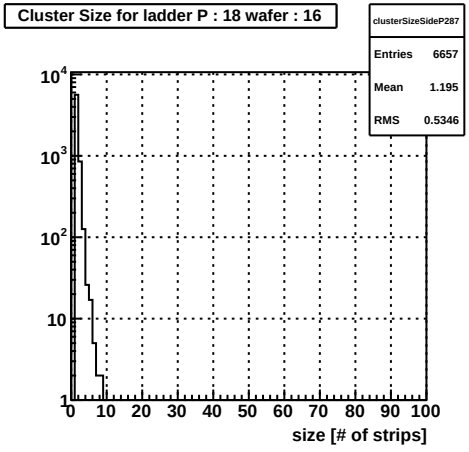

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 21534
Mean 1.245
RMS 0.5569
size [# of strips]

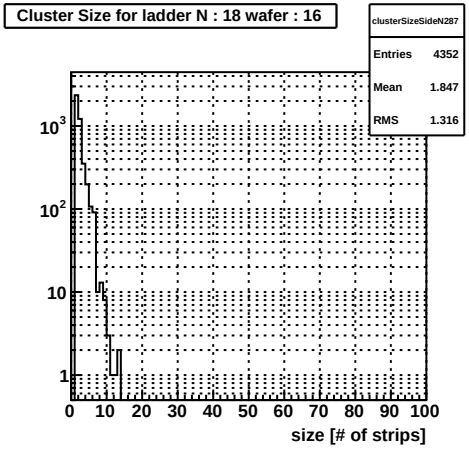

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 817
Mean 1.411
RMS 0.7915
size [# of strips]

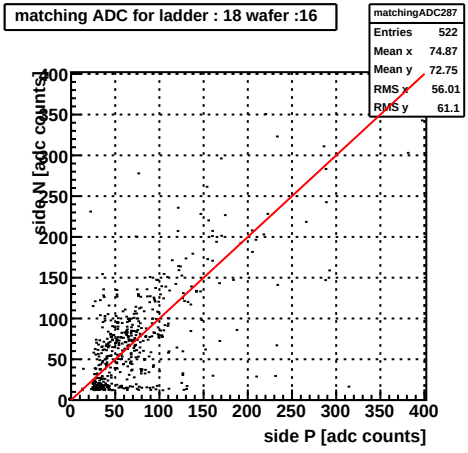

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 631
Mean x 131.9
Mean y 44.13
RMS x 74.77
RMS y 35.31
side N [adc counts]
side P [adc counts]

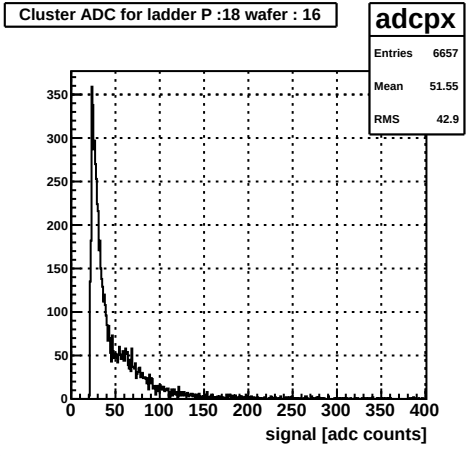

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 21534
Mean 51.27
RMS 46.57
signal [adc counts]

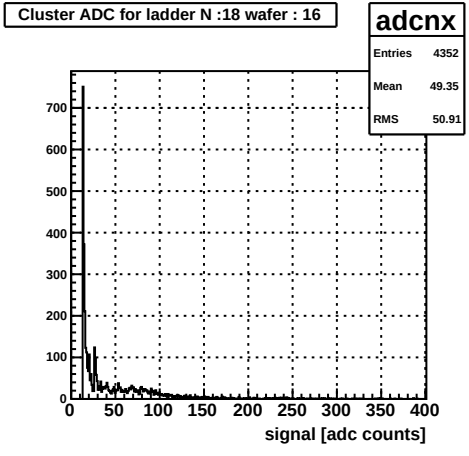

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 817
Mean 48.71
RMS 42.94
signal [adc counts]

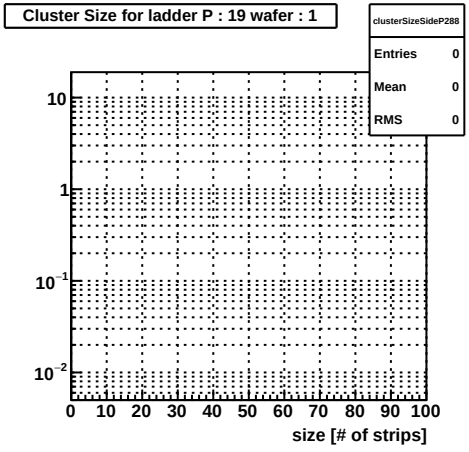

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6657
Mean 1.195
RMS 0.5346
size [# of strips]

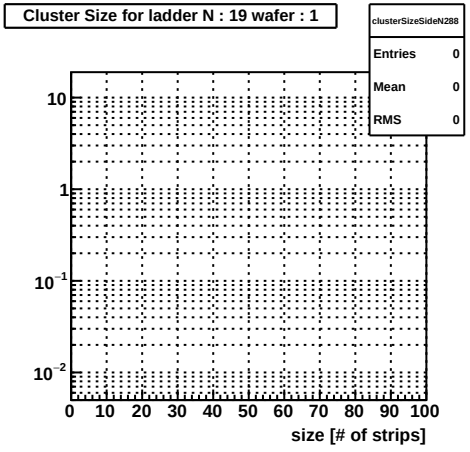

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4352
Mean 1.847
RMS 1.316
size [# of strips]

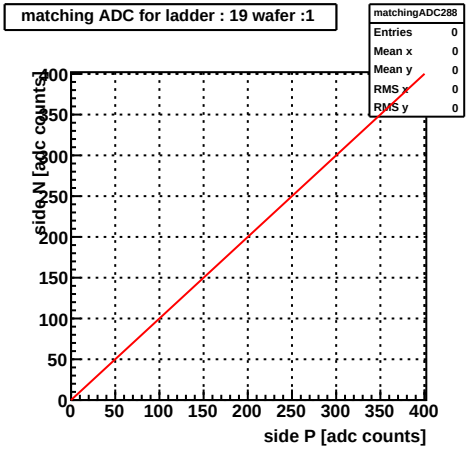

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 522
Mean x 74.87
Mean y 72.75
RMS x 56.01
RMS y 61.1
side N [adc counts]
side P [adc counts]

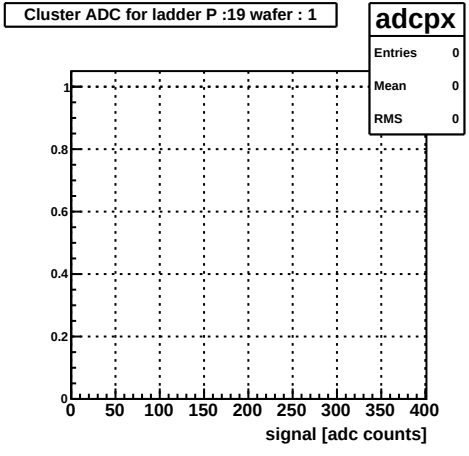

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6657
Mean 51.55
RMS 42.9
signal [adc counts]

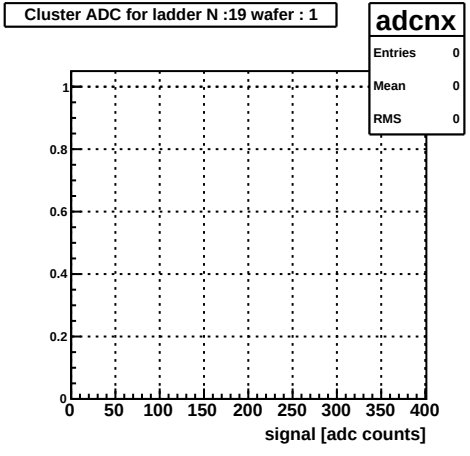

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4352
Mean 49.35
RMS 50.91
signal [adc counts]

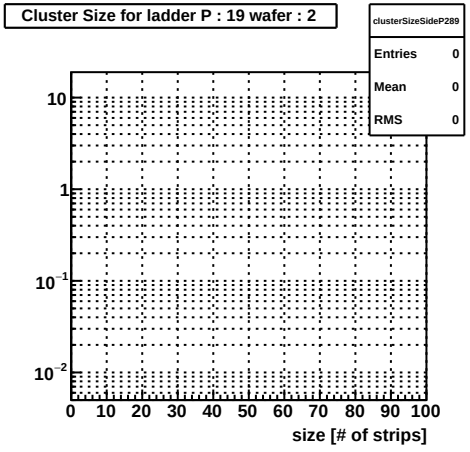

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

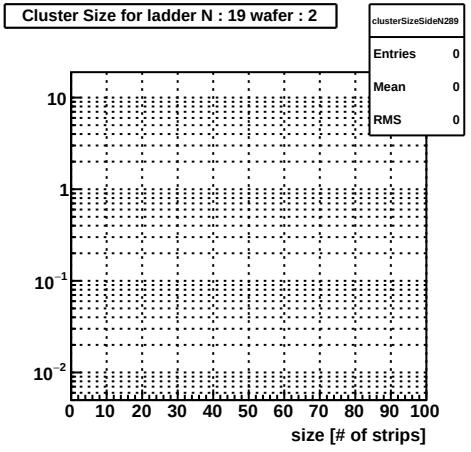

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

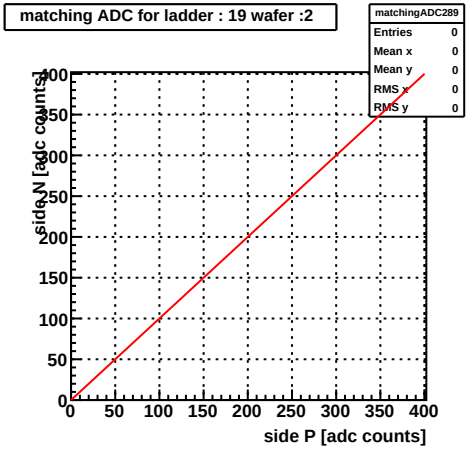

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

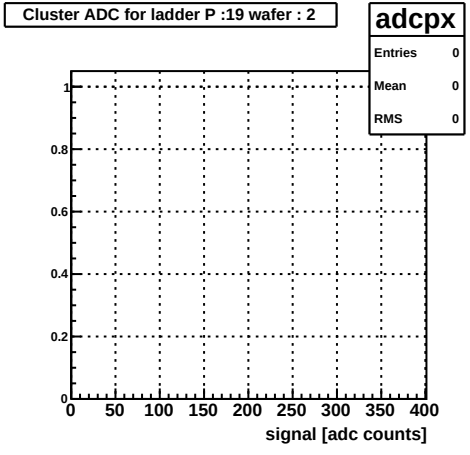

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

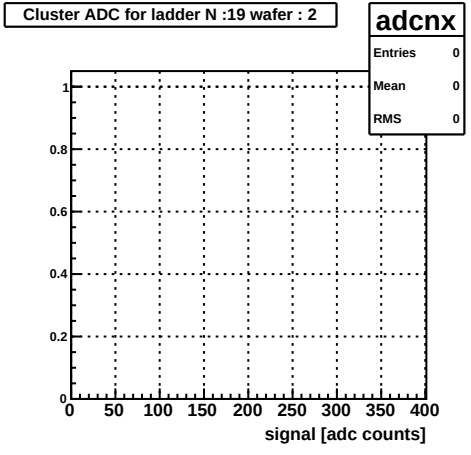

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

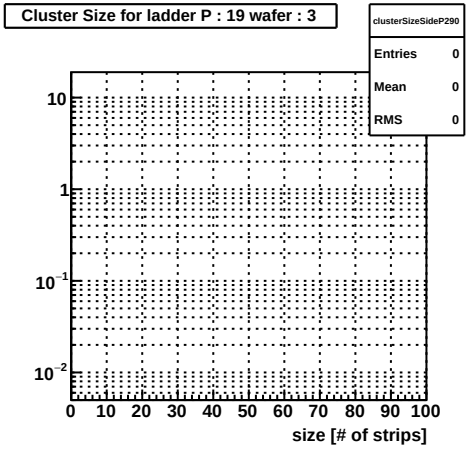

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

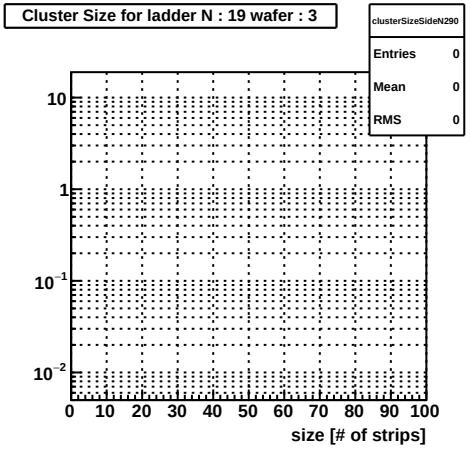

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

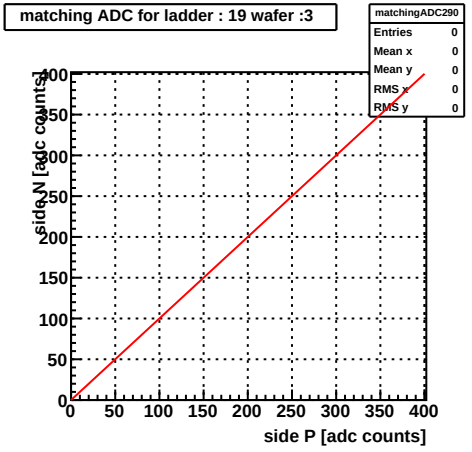

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

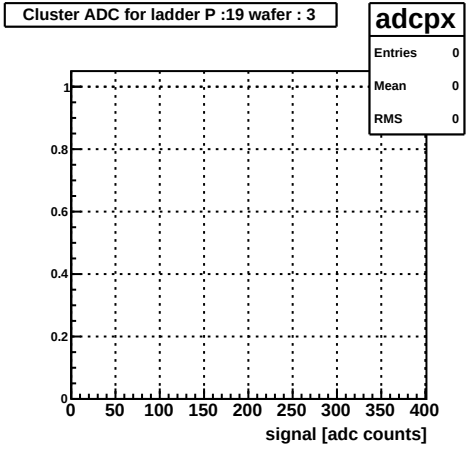

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

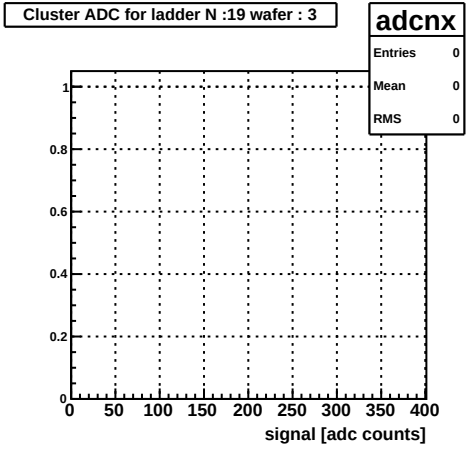

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

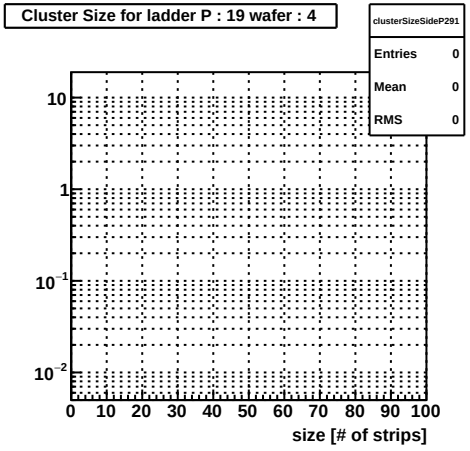

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

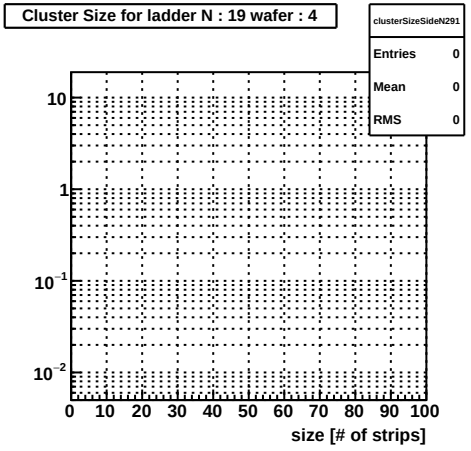

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

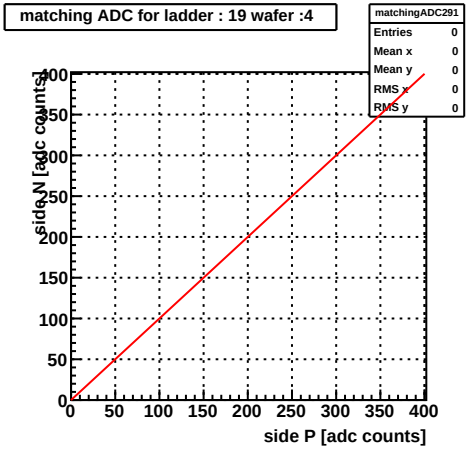

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

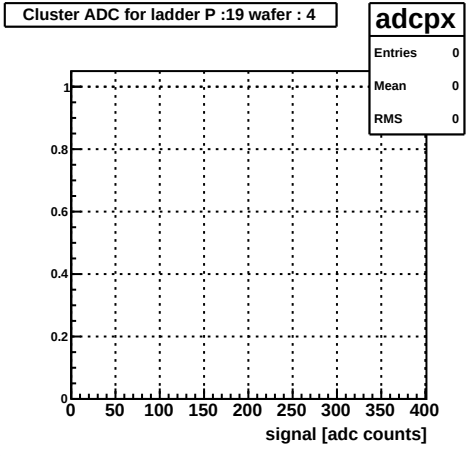

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

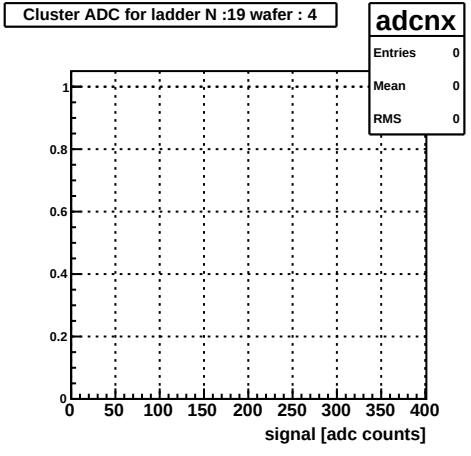

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

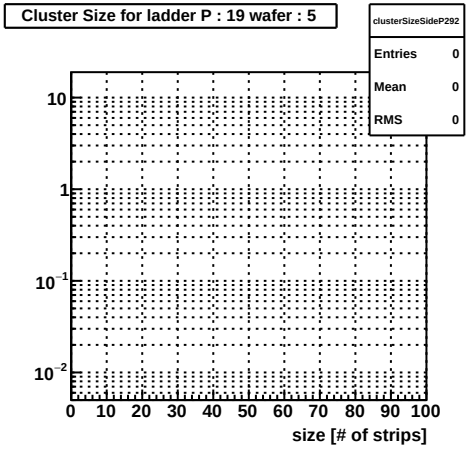

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

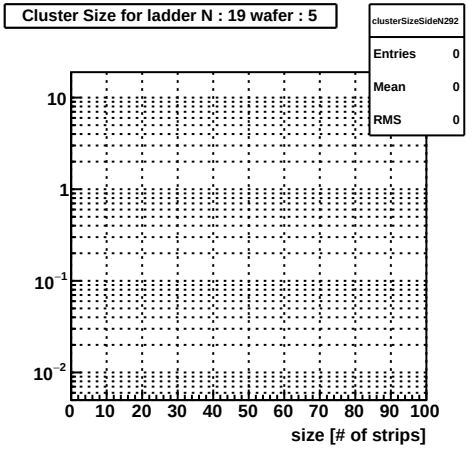

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

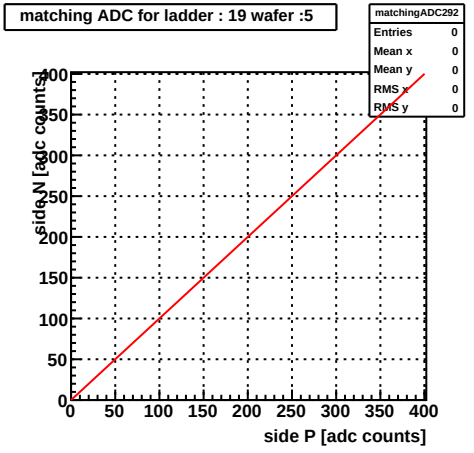

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

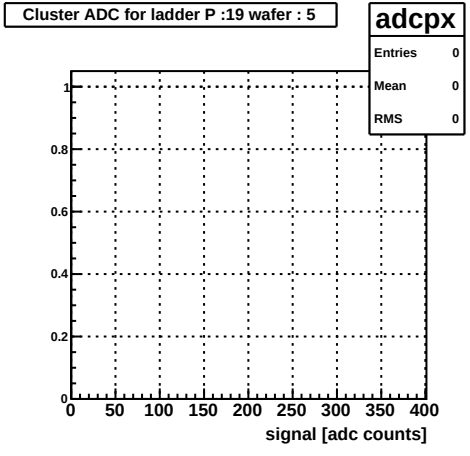

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

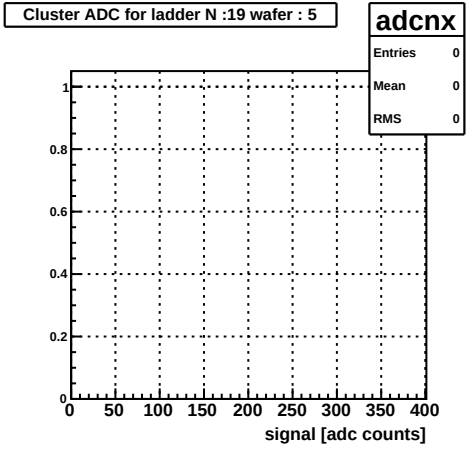

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

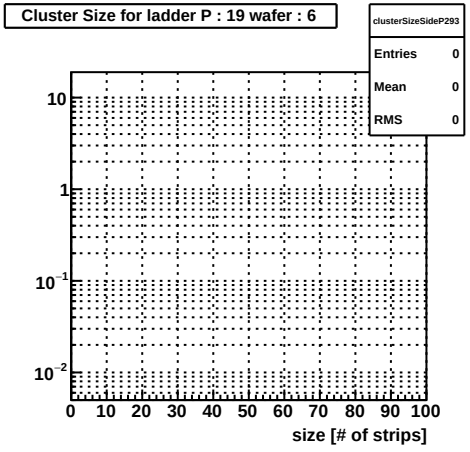

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

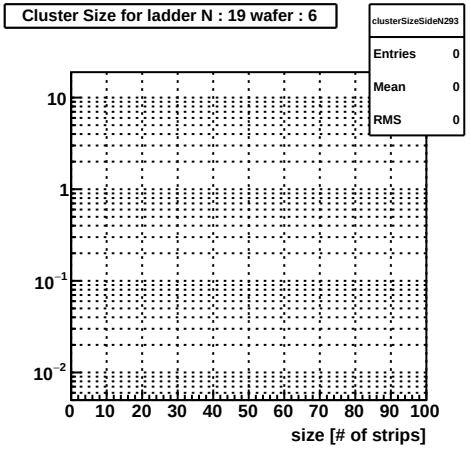

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

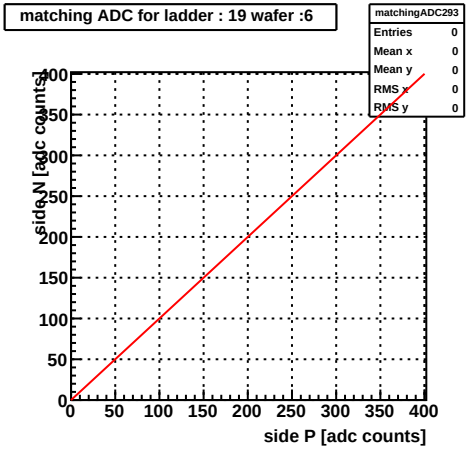

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

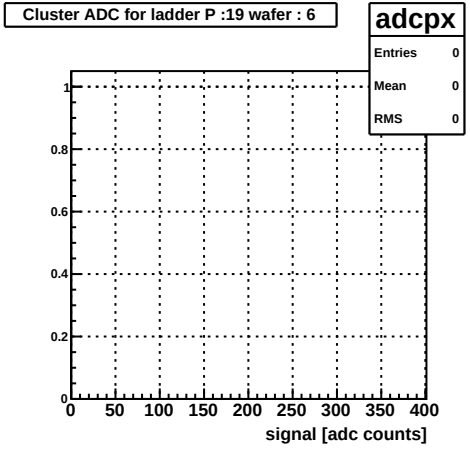

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

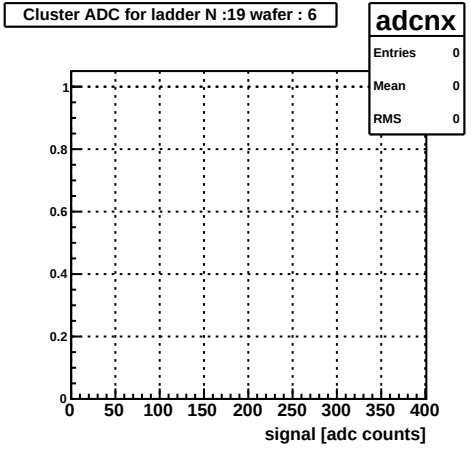

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

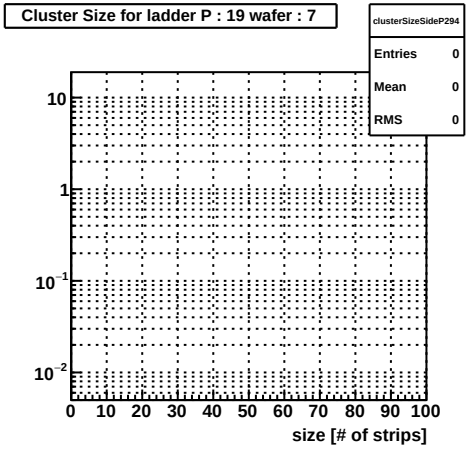

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

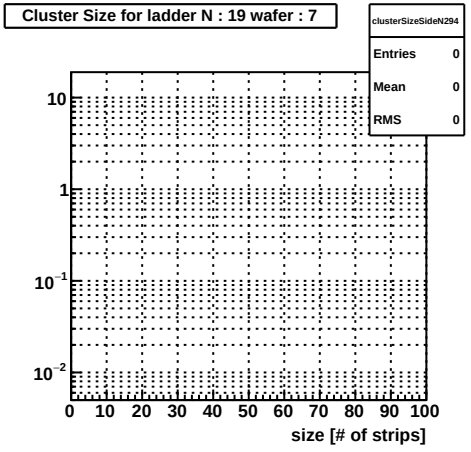

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

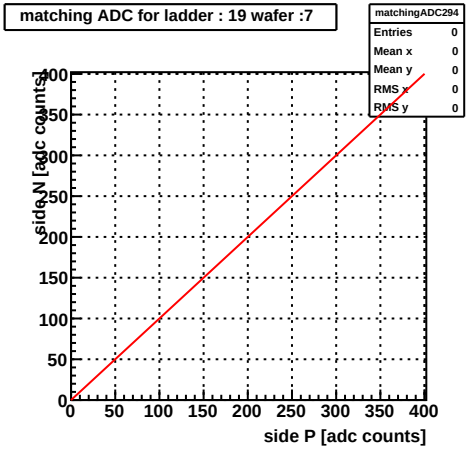

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

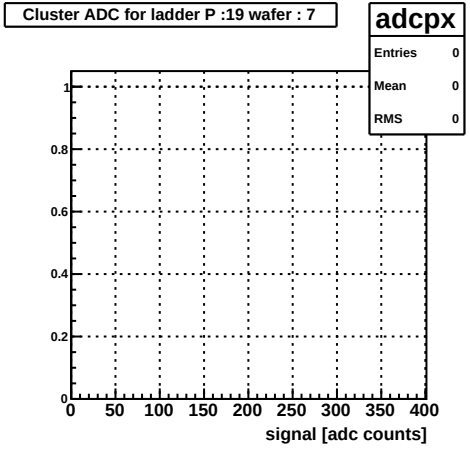

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

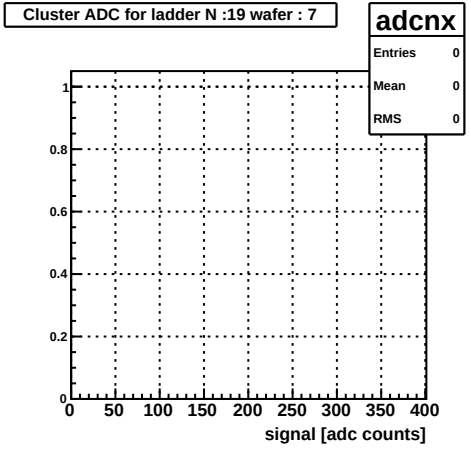

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

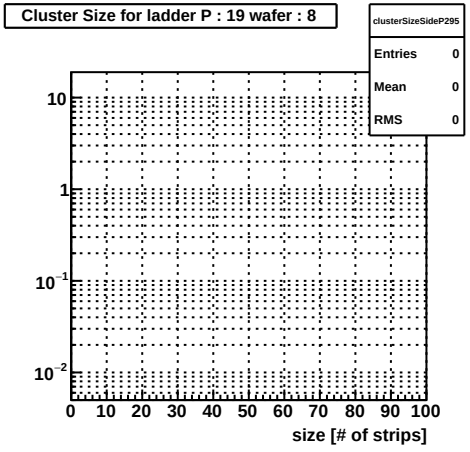

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

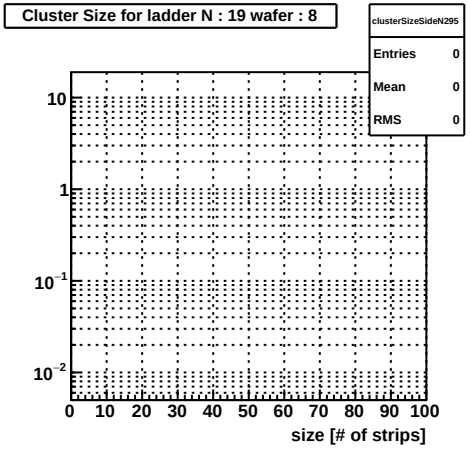

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

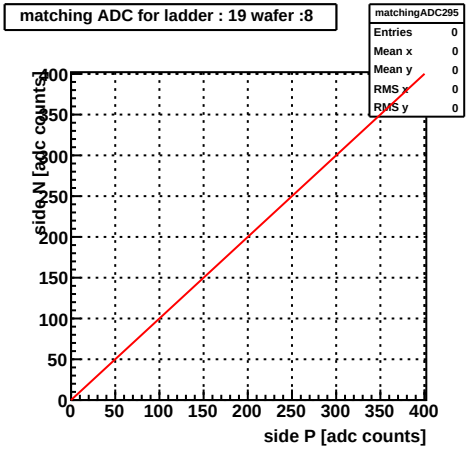

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

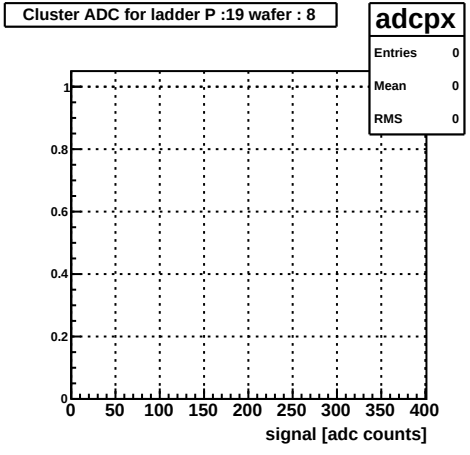

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

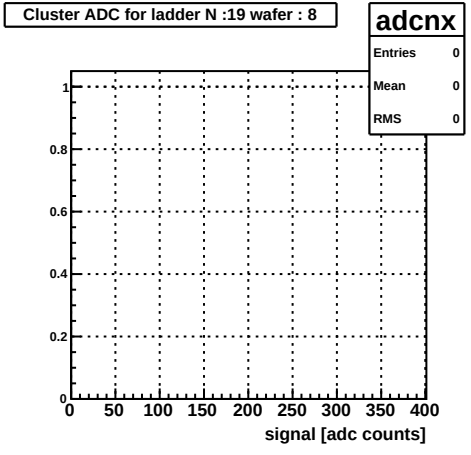

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

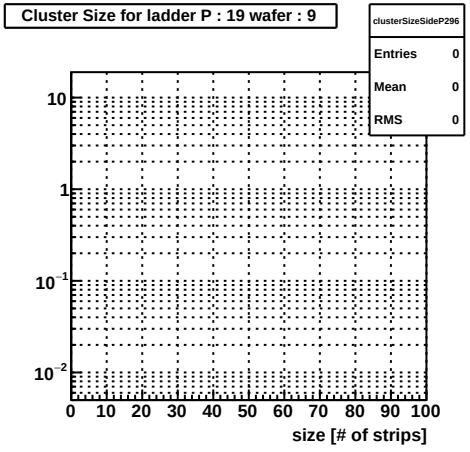

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

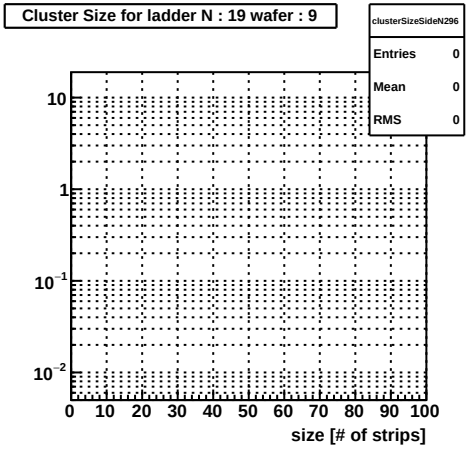

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

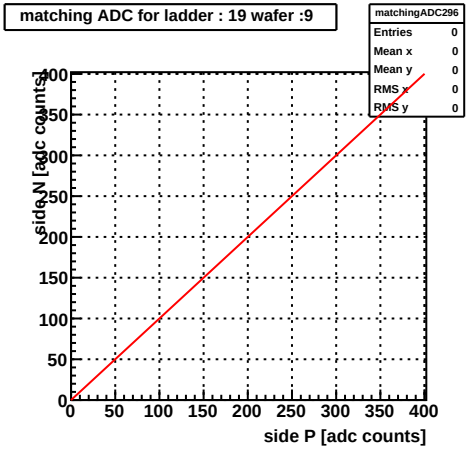

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

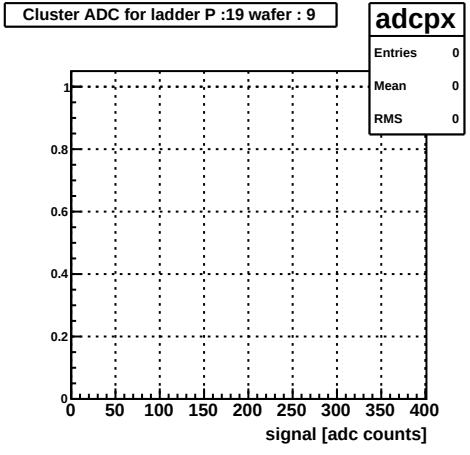

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

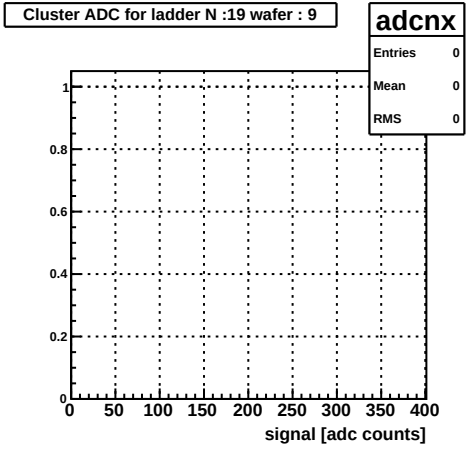

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

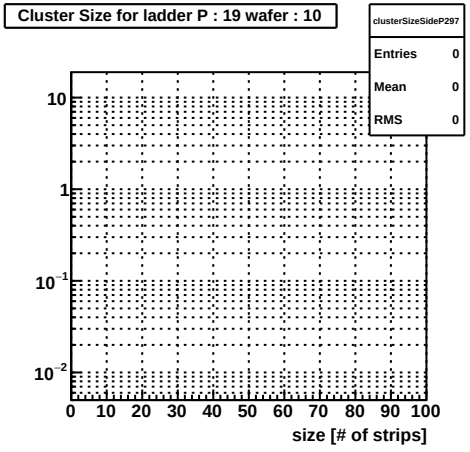

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

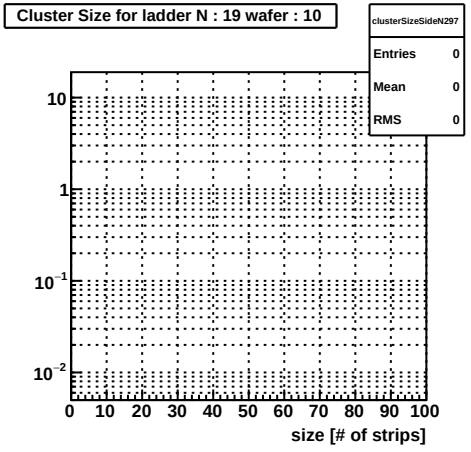

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

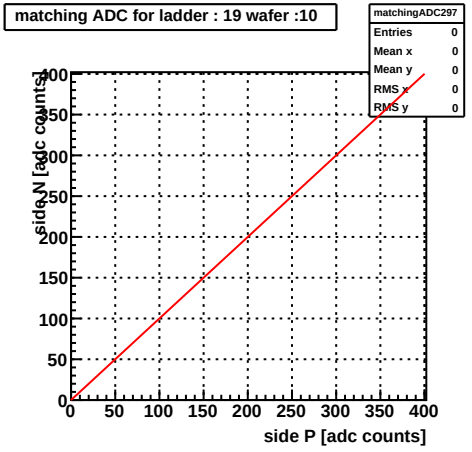

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

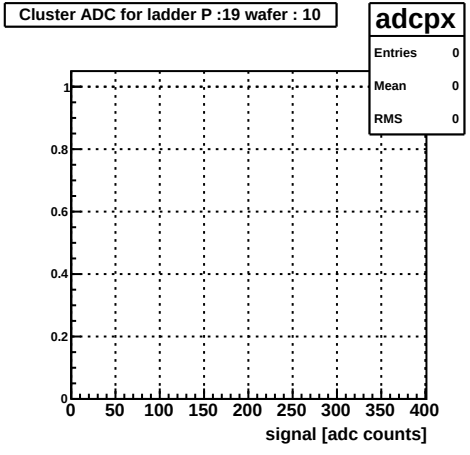

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

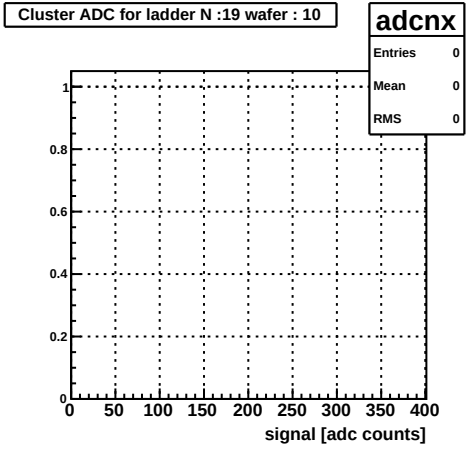

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

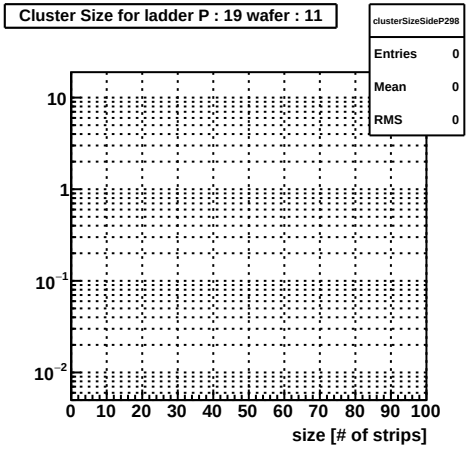

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

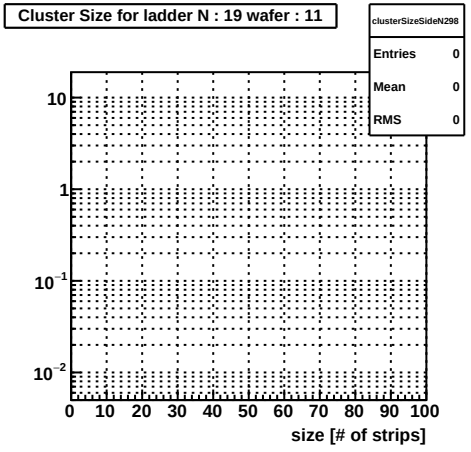

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

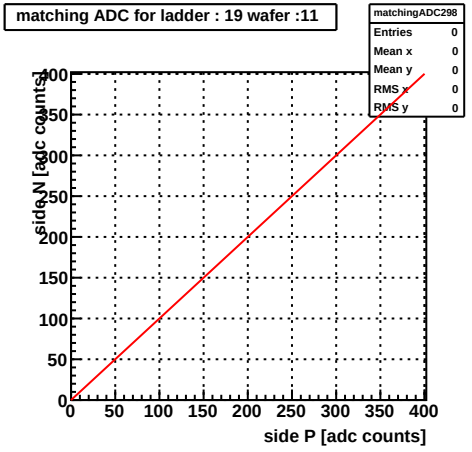

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

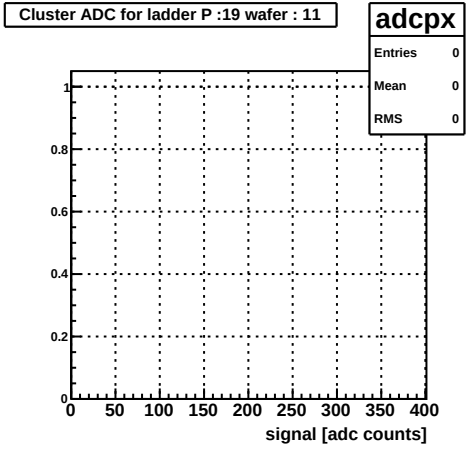

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

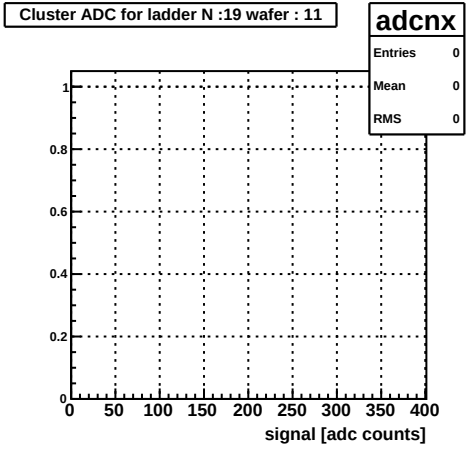

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

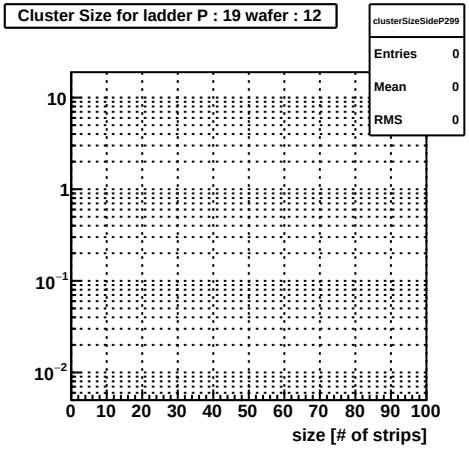

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

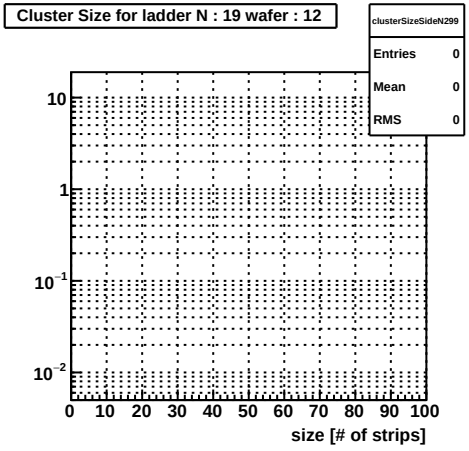

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

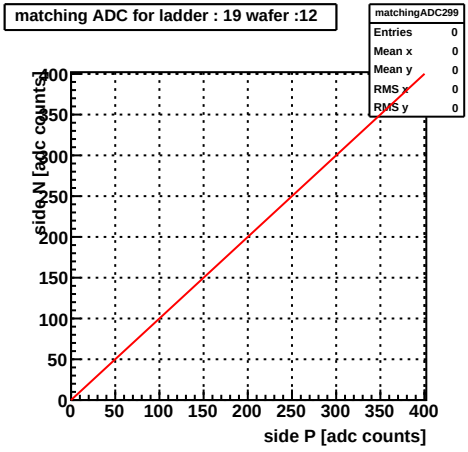

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

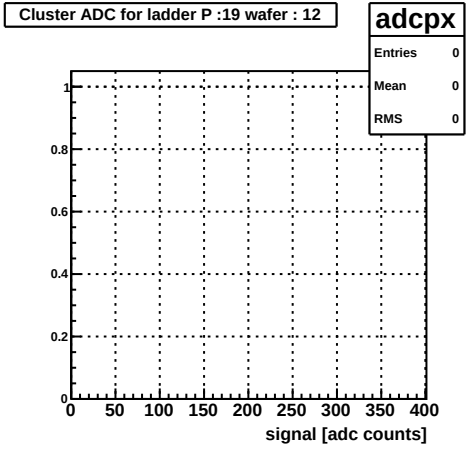

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

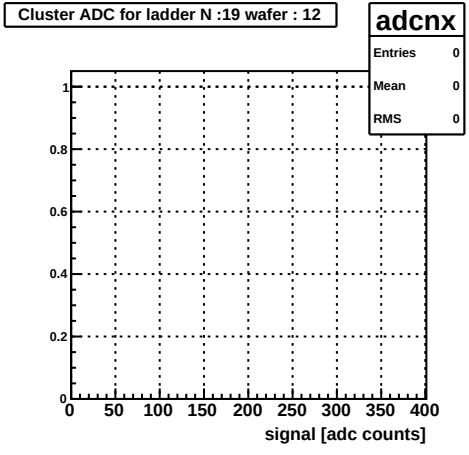

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

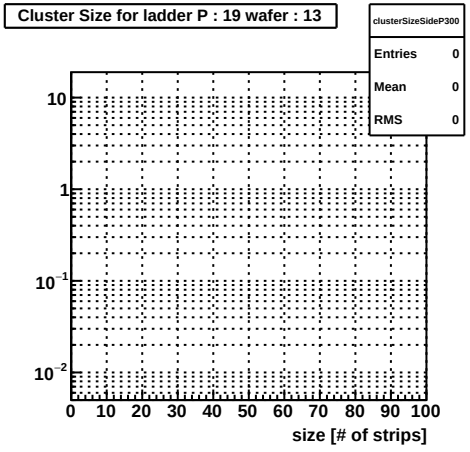

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

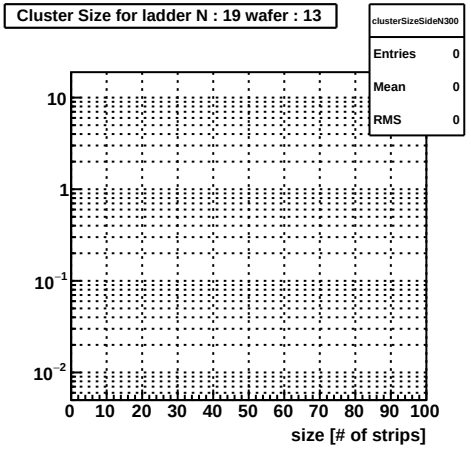

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

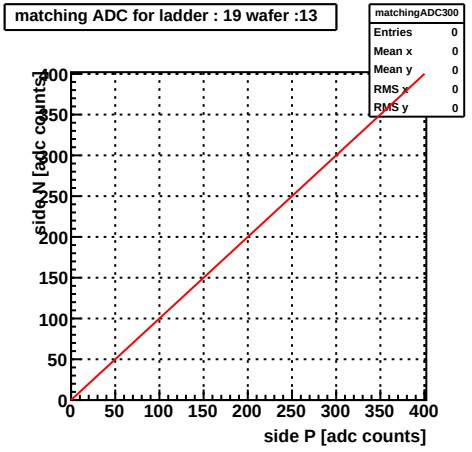

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

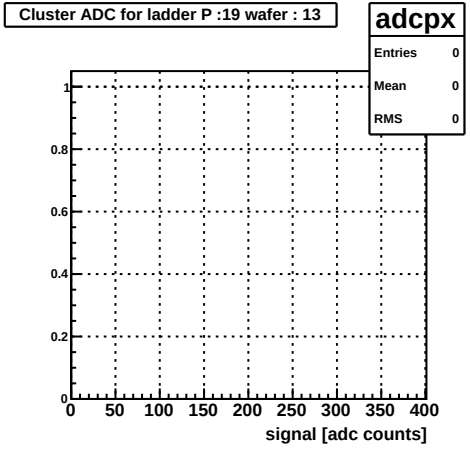

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

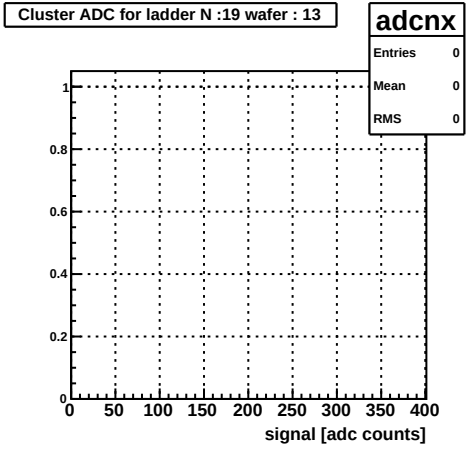

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

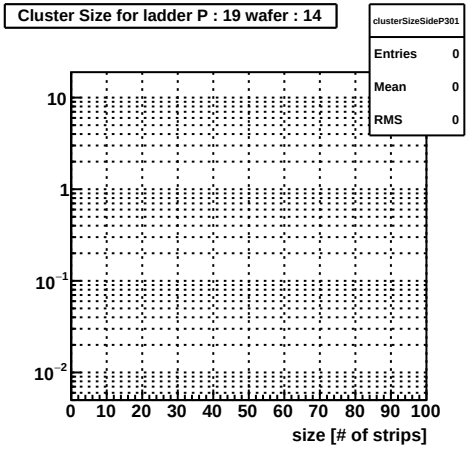

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

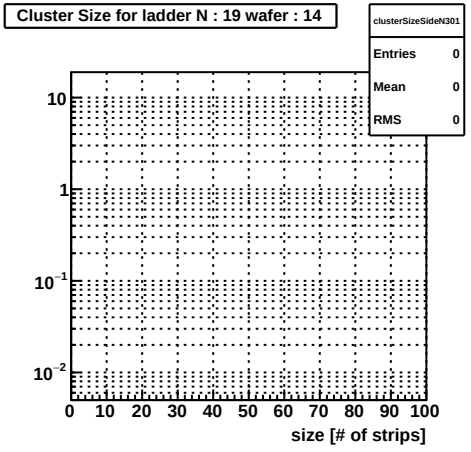

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

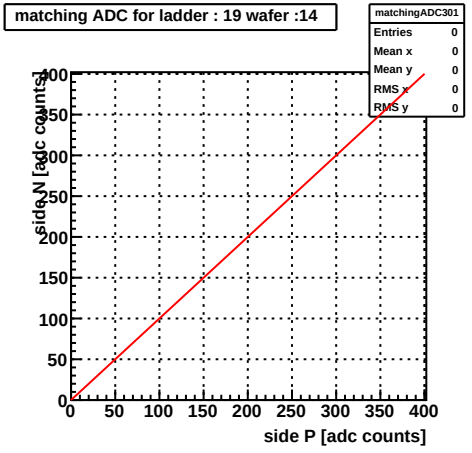

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

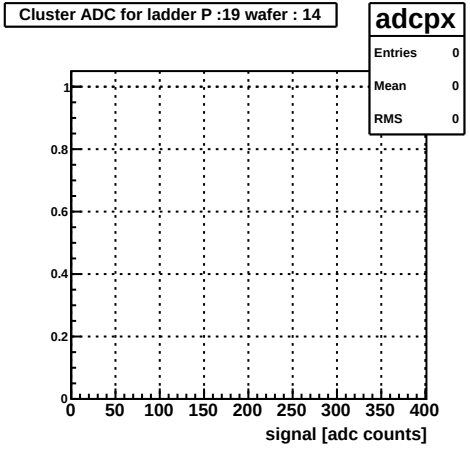

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

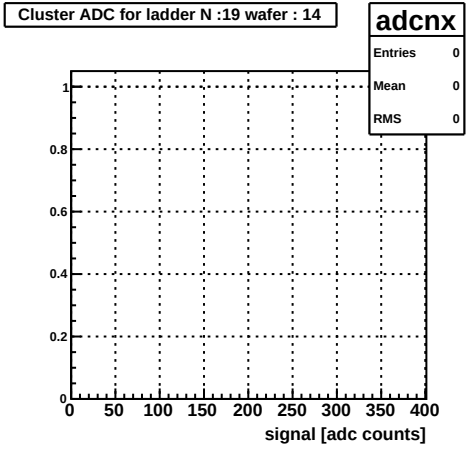

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

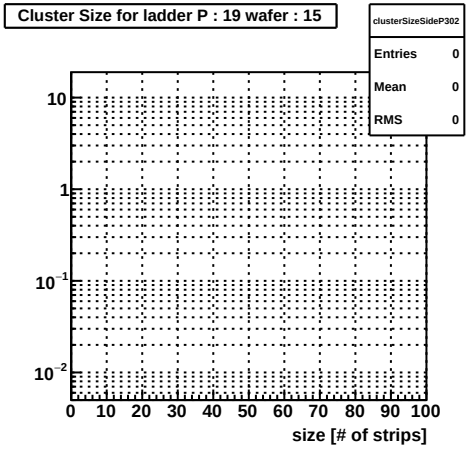

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

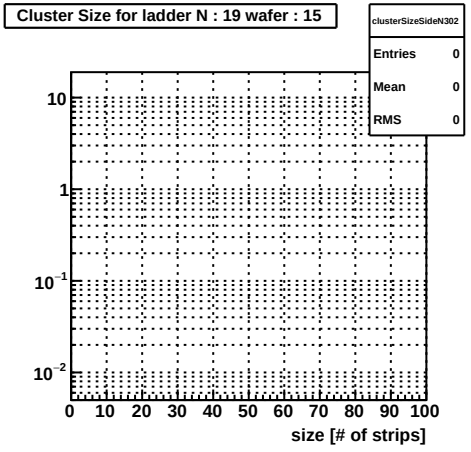

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

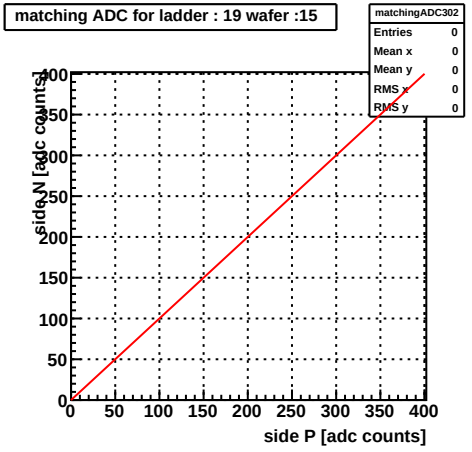

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

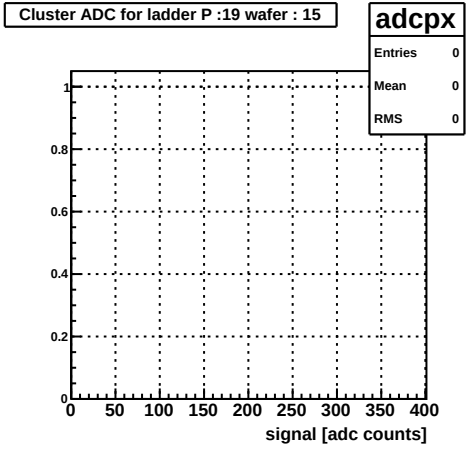

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

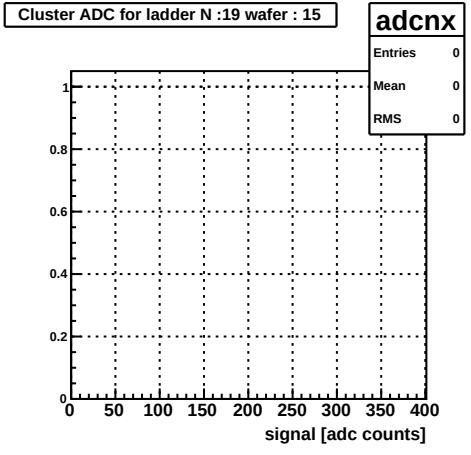

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

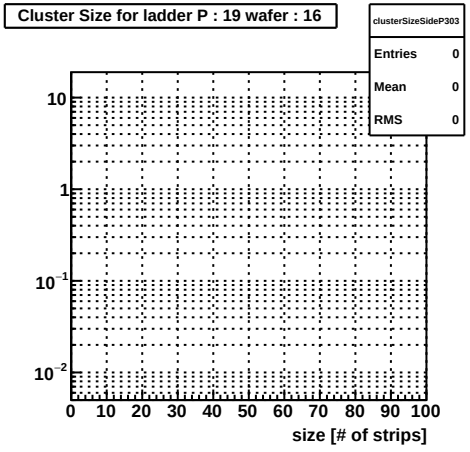

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

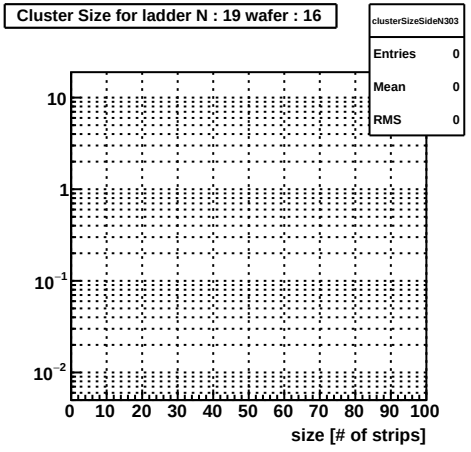

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

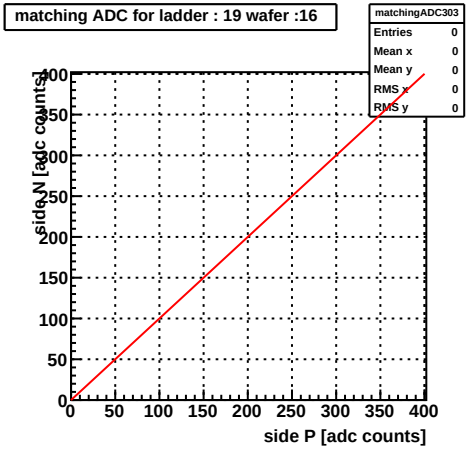

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

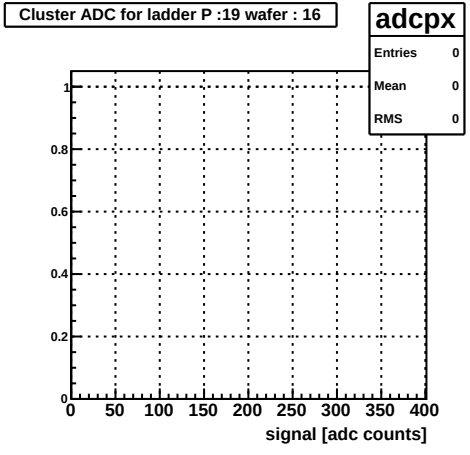

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

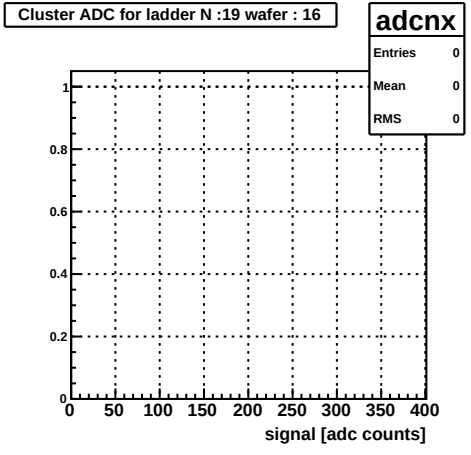

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

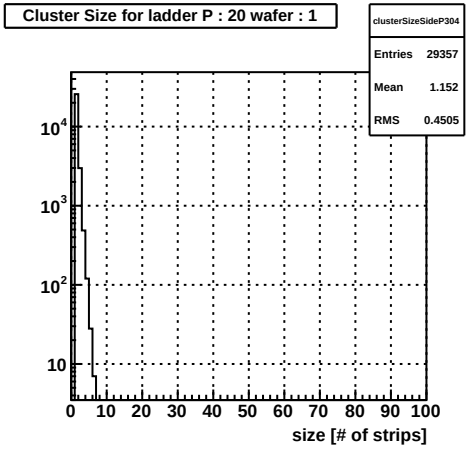

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

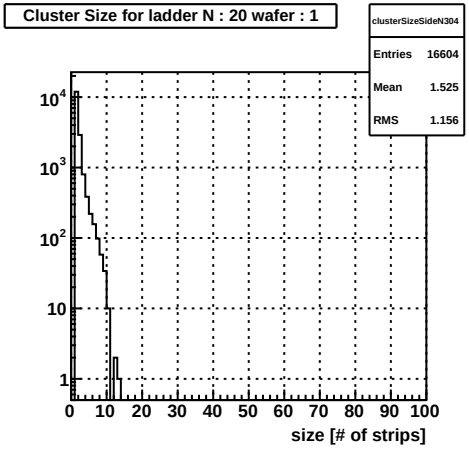

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

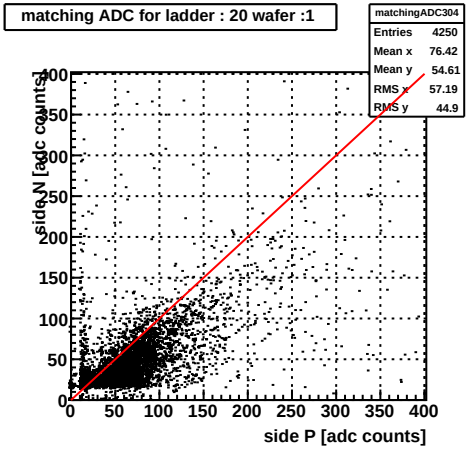

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

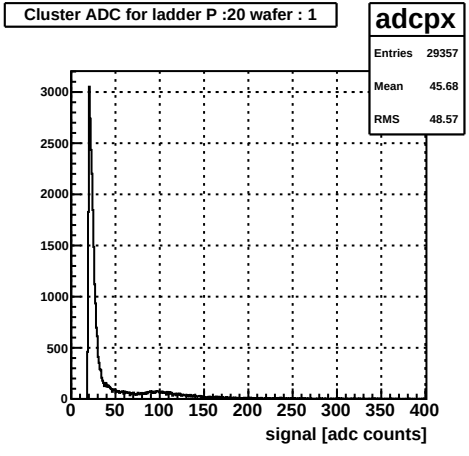

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

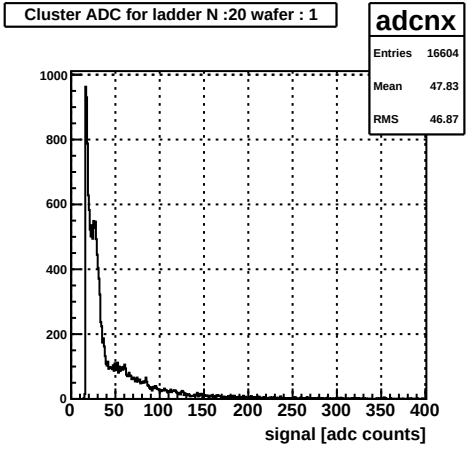

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

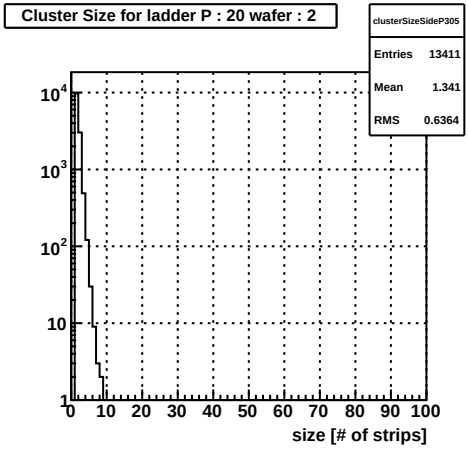

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 29357
Mean 1.152
RMS 0.4505
size [# of strips]

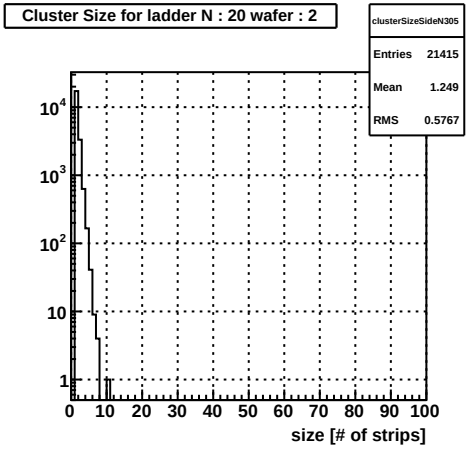

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 16604
Mean 1.525
RMS 1.156
size [# of strips]

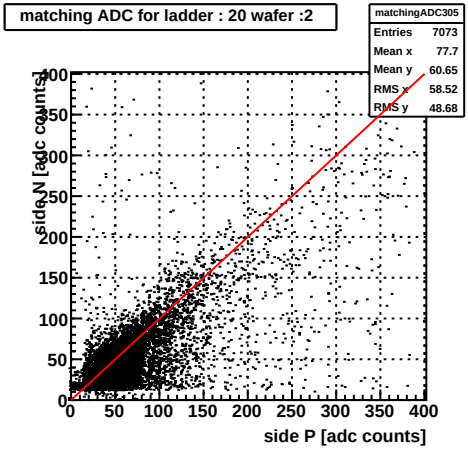

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4250
Mean x 76.42
Mean y 54.61
RMS x 57.19
RMS y 44.9
side N [adc counts]
side P [adc counts]

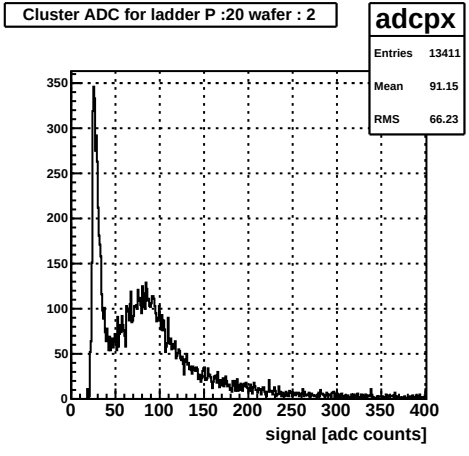

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 29357
Mean 45.68
RMS 48.57
signal [adc counts]

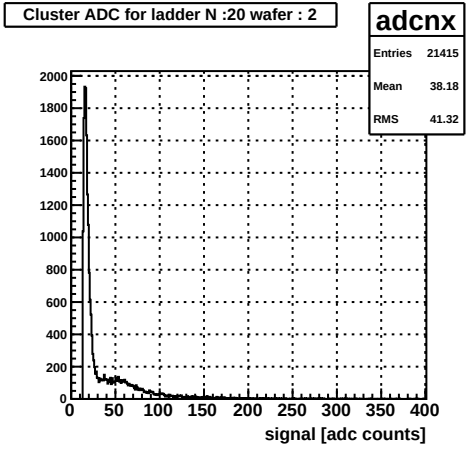

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 16604
Mean 47.83
RMS 46.87
signal [adc counts]

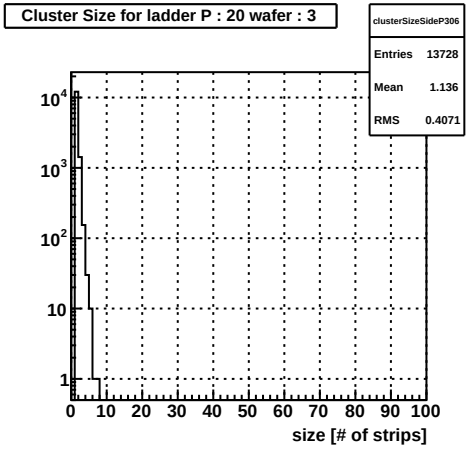

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 13411
Mean 1.341
RMS 0.6364
size [# of strips]

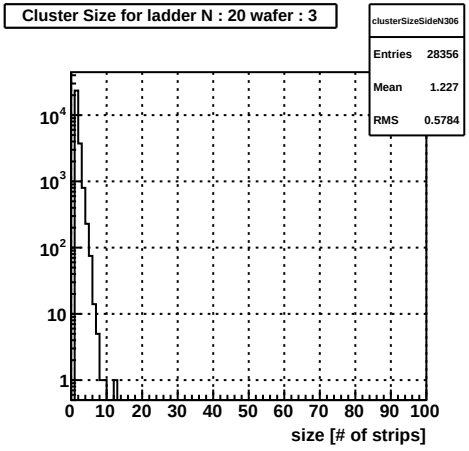

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 21415
Mean 1.249
RMS 0.5767
size [# of strips]

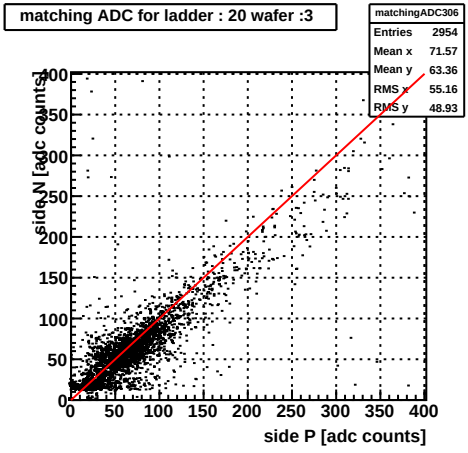

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7073
Mean x 77.7
Mean y 60.65
RMS x 58.52
RMS y 48.68
side N [adc counts]
side P [adc counts]

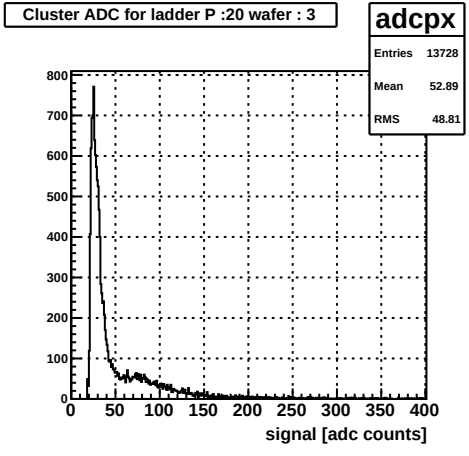

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 13411
Mean 91.15
RMS 66.23
signal [adc counts]

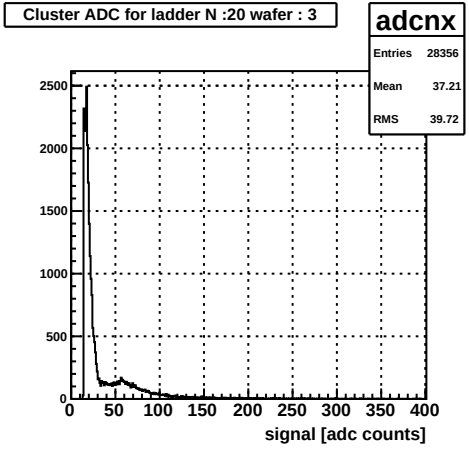

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 21415
Mean 38.18
RMS 41.32
signal [adc counts]

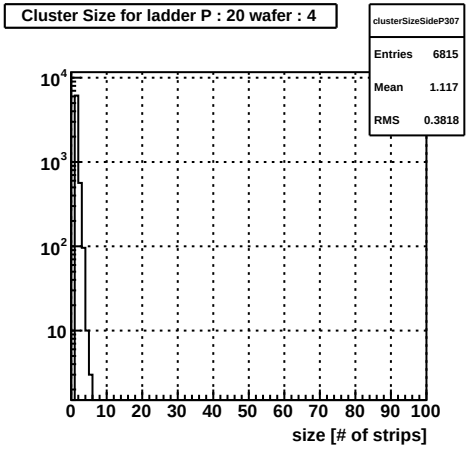

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 13728
Mean 1.136
RMS 0.4071
size [# of strips]

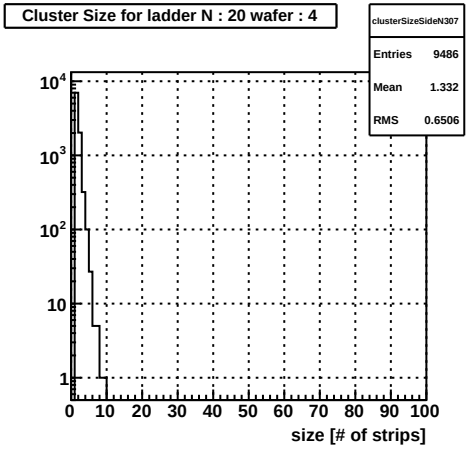

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 28356
Mean 1.227
RMS 0.5784
size [# of strips]

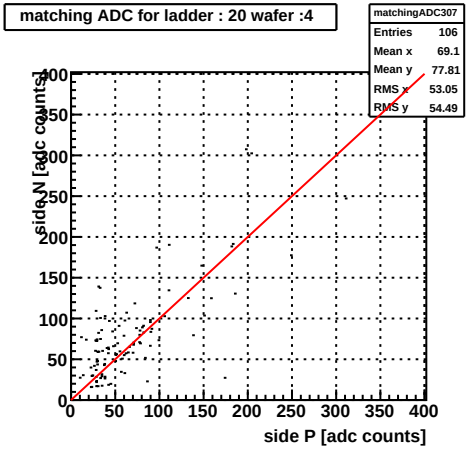

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2954
Mean x 71.57
Mean y 63.36
RMS x 55.16
RMS y 48.93
side N [adc counts]
side P [adc counts]

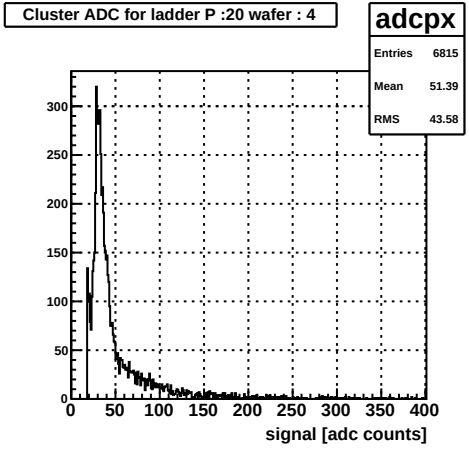

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 13728
Mean 52.89
RMS 48.81
signal [adc counts]

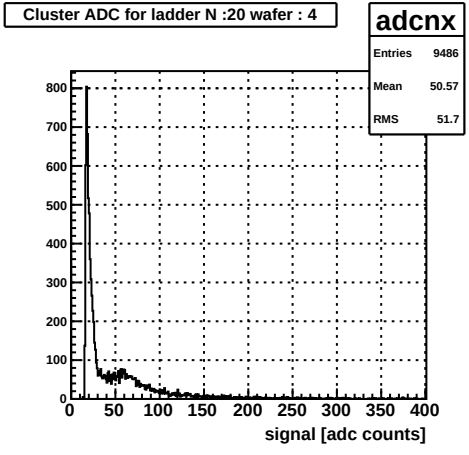

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 28356
Mean 37.21
RMS 39.72
signal [adc counts]

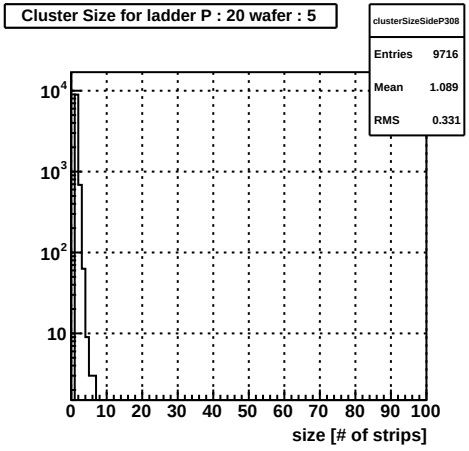

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6815
Mean 1.117
RMS 0.3818
size [# of strips]

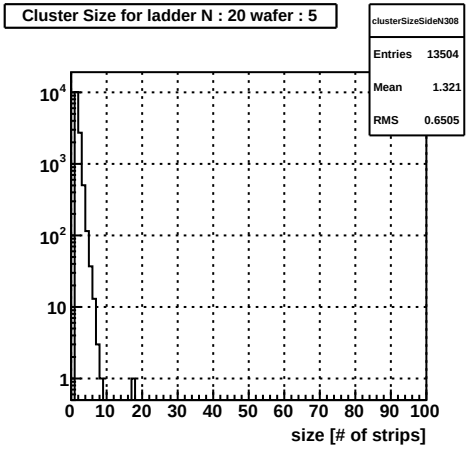

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9486
Mean 1.332
RMS 0.6506
size [# of strips]

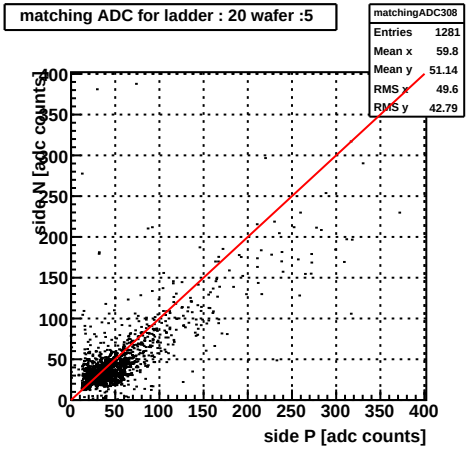

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 106
Mean x 69.1
Mean y 77.81
RMS x 53.05
RMS y 54.49
side N [adc counts]
side P [adc counts]

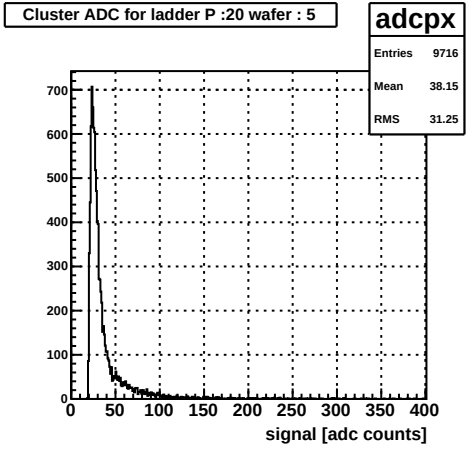

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6815
Mean 51.39
RMS 43.58
signal [adc counts]

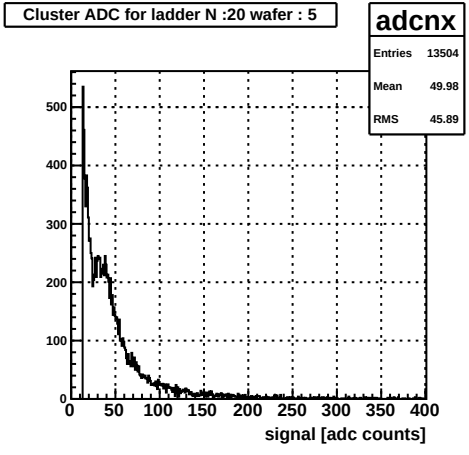

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9486
Mean 50.57
RMS 51.7
signal [adc counts]

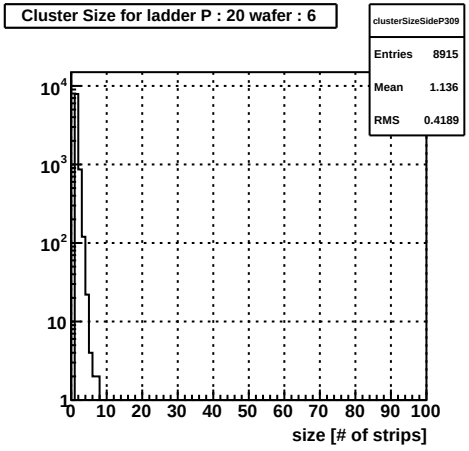

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9716
Mean 1.089
RMS 0.331
size [# of strips]

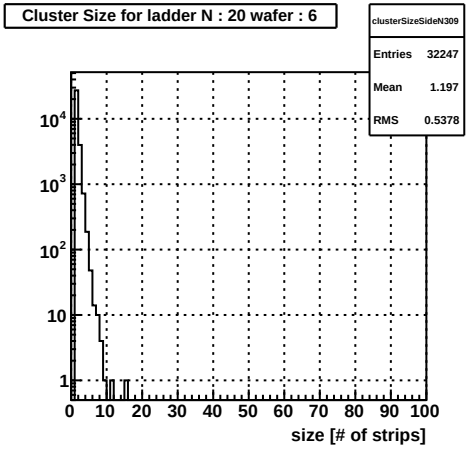

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 13504
Mean 1.321
RMS 0.6505
size [# of strips]

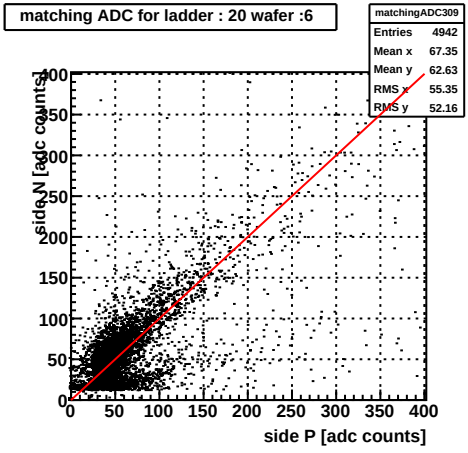

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1281
Mean x 59.8
Mean y 51.14
RMS x 49.6
RMS y 42.79
side N [adc counts]
side P [adc counts]

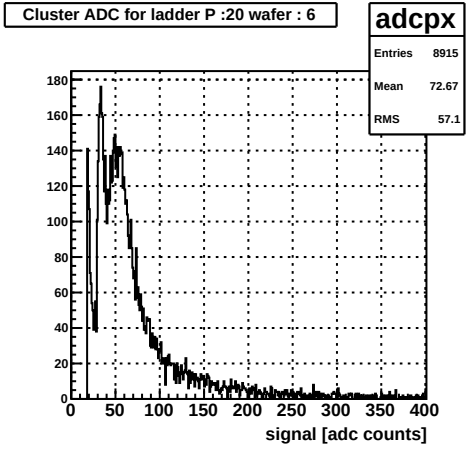

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9716
Mean 38.15
RMS 31.25
signal [adc counts]

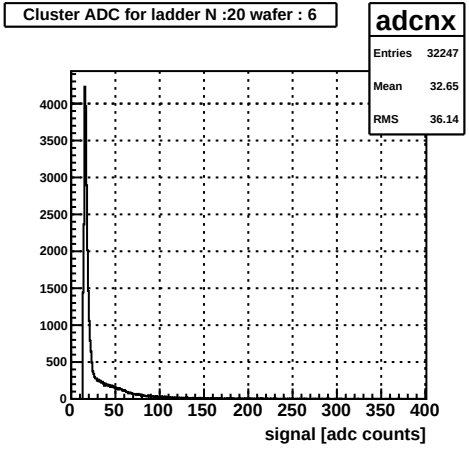

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 13504
Mean 49.98
RMS 45.89
signal [adc counts]

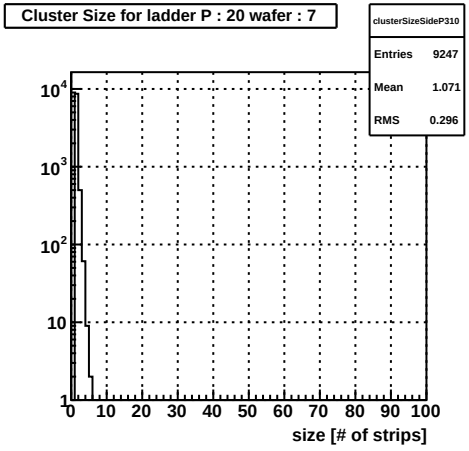

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 8915
Mean 1.136
RMS 0.4189
size [# of strips]

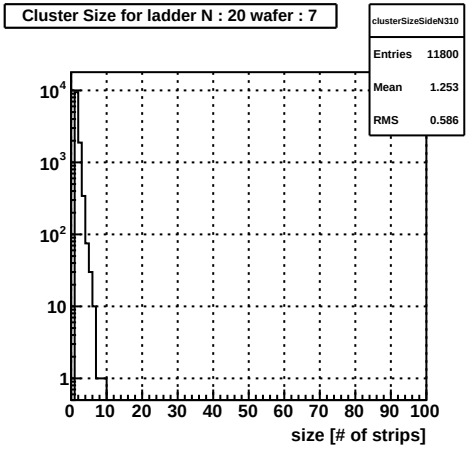

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 32247
Mean 1.197
RMS 0.5378
size [# of strips]

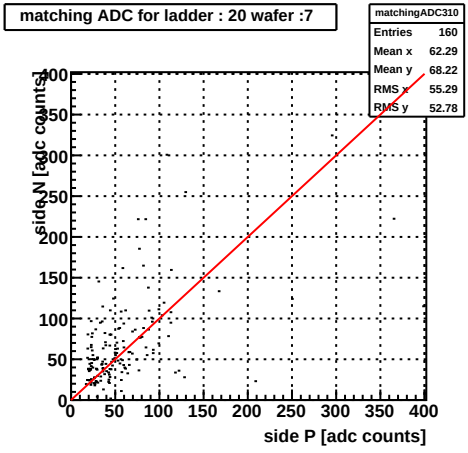

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 4942
Mean x 67.35
Mean y 62.63
RMS x 55.35
RMS y 52.16
side N [adc counts]
side P [adc counts]

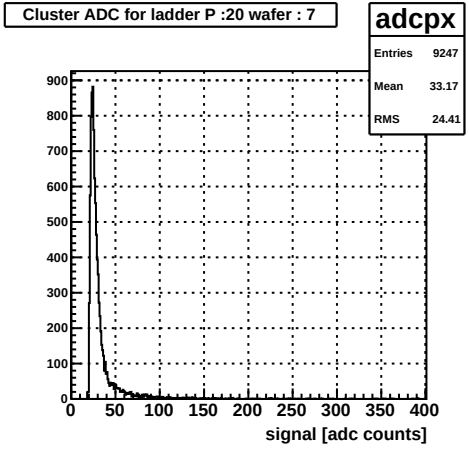

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 8915
Mean 72.67
RMS 57.1
signal [adc counts]

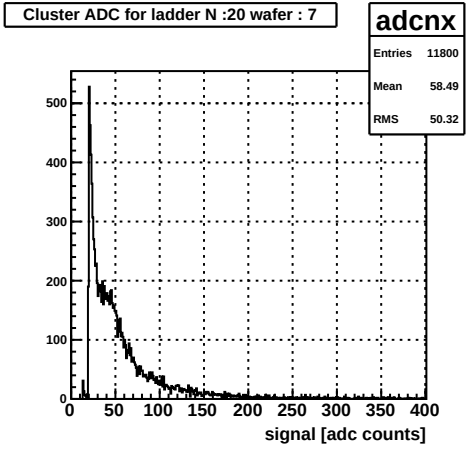

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 32247
Mean 32.65
RMS 36.14
signal [adc counts]

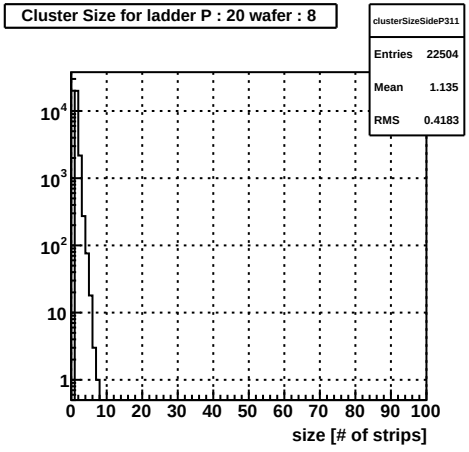

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 9247
Mean 1.071
RMS 0.296
size [# of strips]

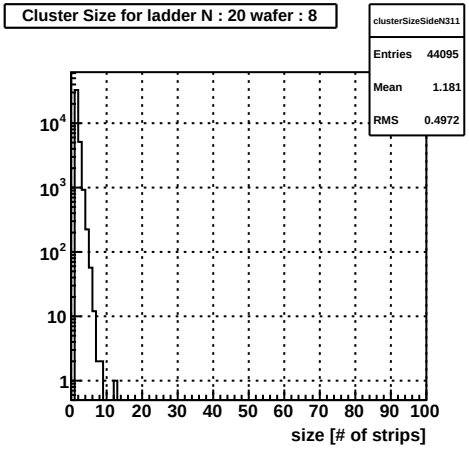

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11800
Mean 1.253
RMS 0.586
size [# of strips]

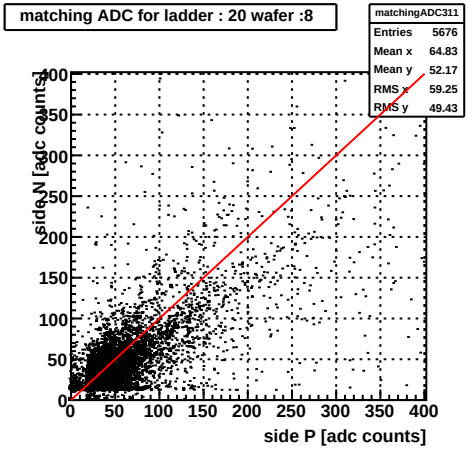

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 160
Mean x 62.29
Mean y 68.22
RMS x 55.29
RMS y 52.78
side N [adc counts]
side P [adc counts]

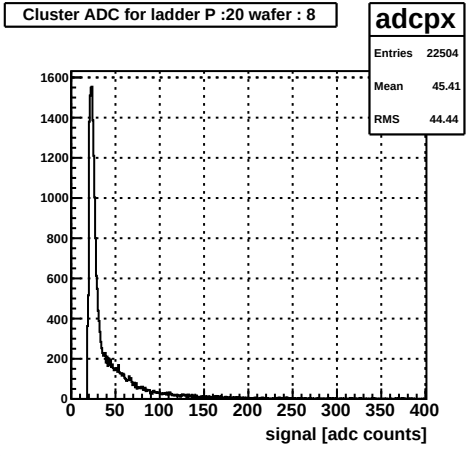

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 9247
Mean 33.17
RMS 24.41
signal [adc counts]

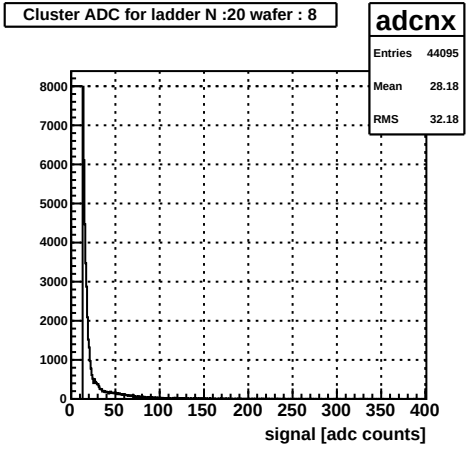

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11800
Mean 58.49
RMS 50.32
signal [adc counts]

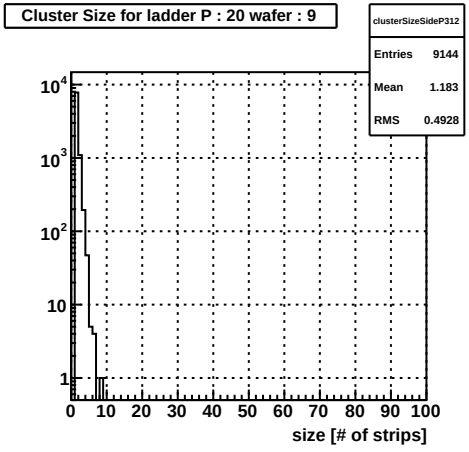

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 22504
Mean 1.135
RMS 0.4183
size [# of strips]

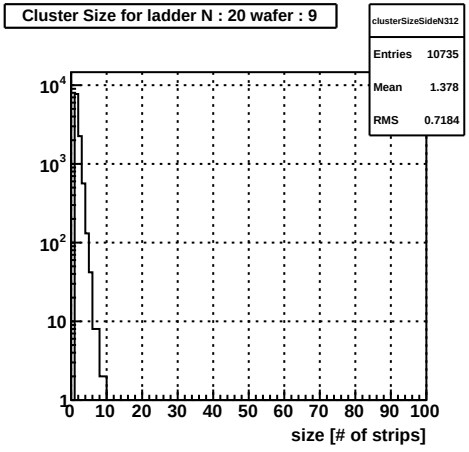

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 44095
Mean 1.181
RMS 0.4972
size [# of strips]

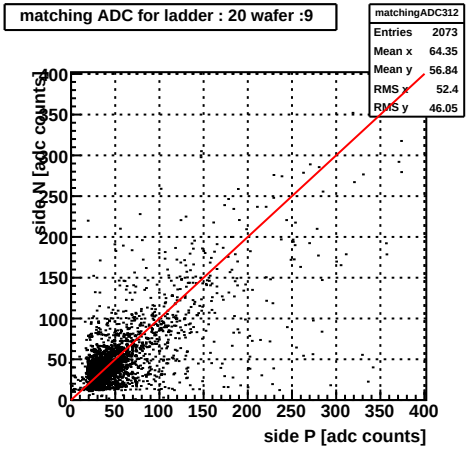

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 5676
Mean x 64.83
Mean y 52.17
RMS x 59.25
RMS y 49.43
side N [adc counts]
side P [adc counts]

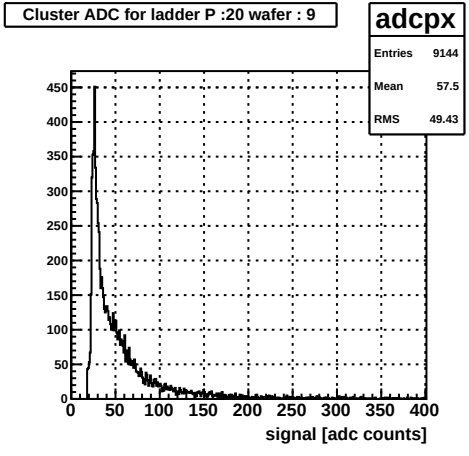

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 22504
Mean 45.41
RMS 44.44
signal [adc counts]

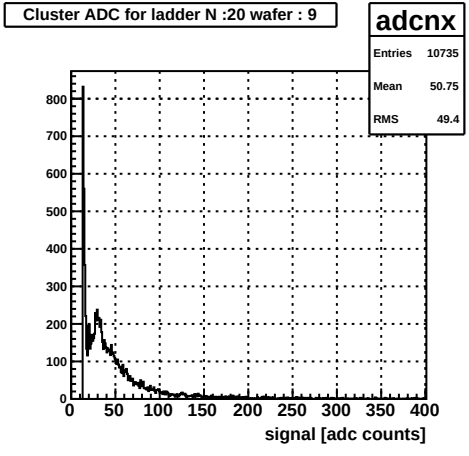

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 44095
Mean 28.18
RMS 32.18
signal [adc counts]

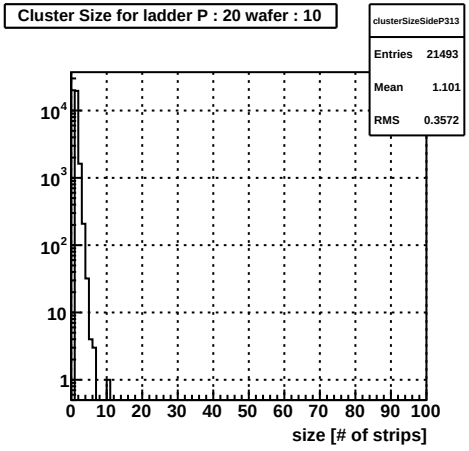

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 9144
Mean 1.183
RMS 0.4928
size [# of strips]

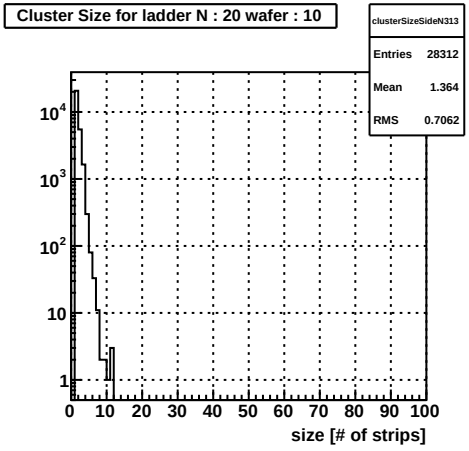

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 10735
Mean 1.378
RMS 0.7184
size [# of strips]

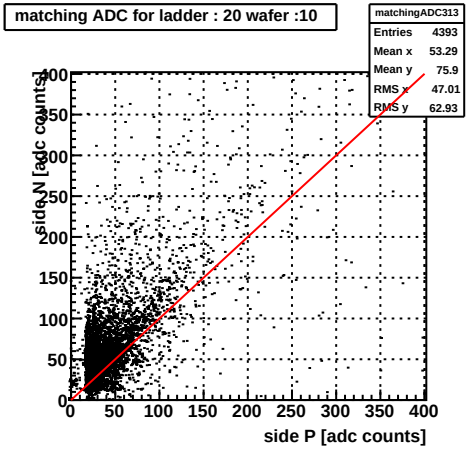

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2073
Mean x 64.35
Mean y 56.84
RMS x 52.4
RMS y 46.05
side N [adc counts]
side P [adc counts]

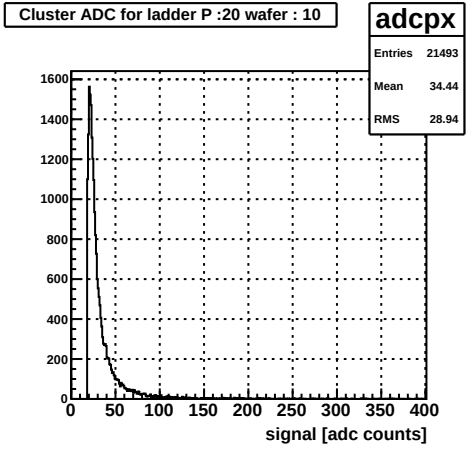

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 9144
Mean 57.5
RMS 49.43
signal [adc counts]

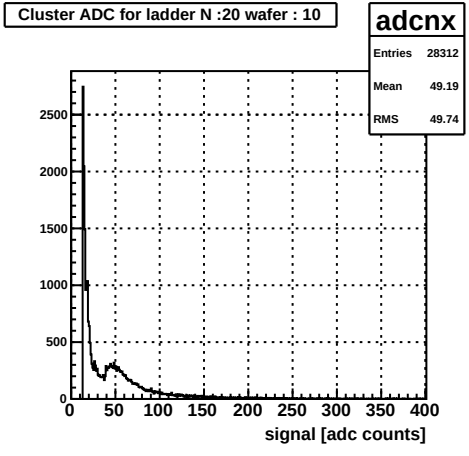

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 10735
Mean 50.75
RMS 49.4
signal [adc counts]

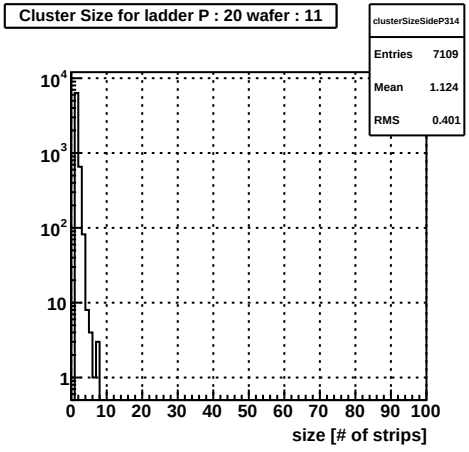

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 21493
Mean 1.101
RMS 0.3572
size [# of strips]

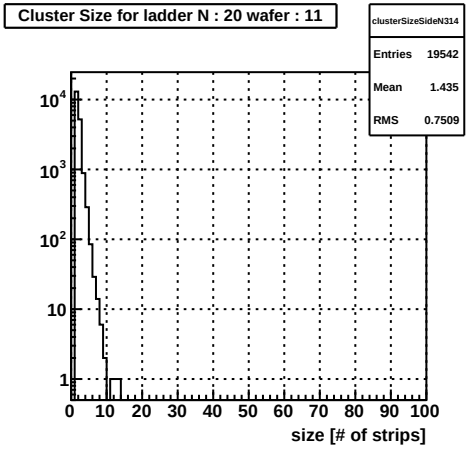

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 28312
Mean 1.364
RMS 0.7062
size [# of strips]

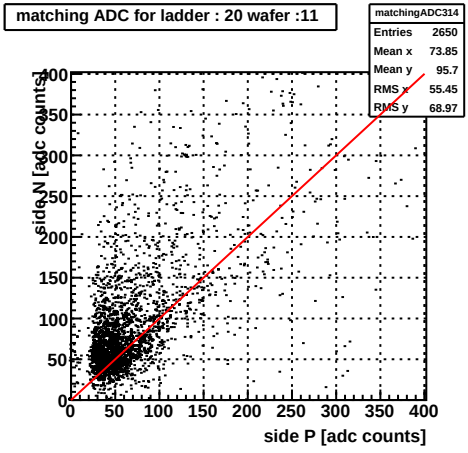

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4393
Mean x 53.29
Mean y 75.9
RMS x 47.01
RMS y 62.93
side N [adc counts]
side P [adc counts]

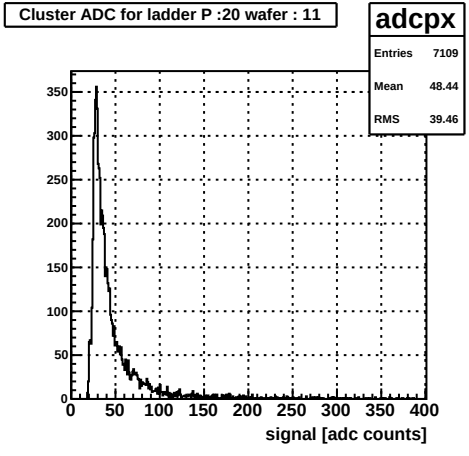

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 21493
Mean 34.44
RMS 28.94
signal [adc counts]

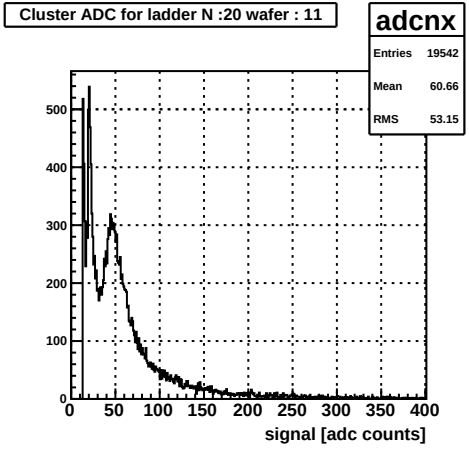

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 28312
Mean 49.19
RMS 49.74
signal [adc counts]

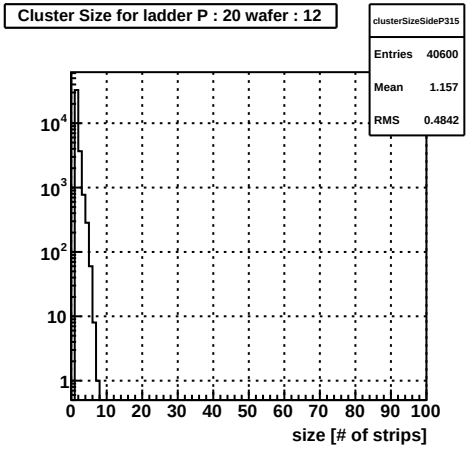

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7109
Mean 1.124
RMS 0.401
size [# of strips]

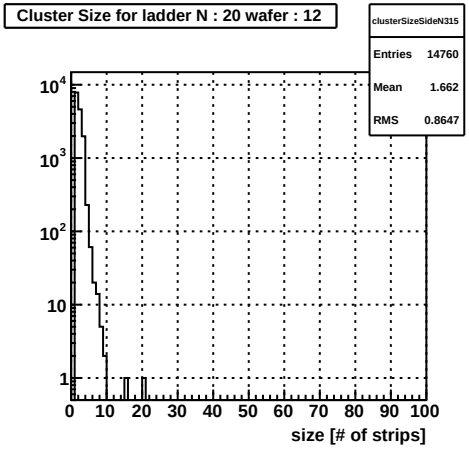

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 19542
Mean 1.435
RMS 0.7509
size [# of strips]

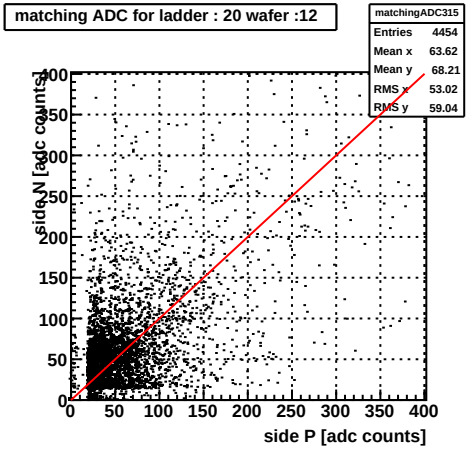

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2650
Mean x 73.85
Mean y 95.7
RMS x 55.45
RMS y 68.97
side N [adc counts]
side P [adc counts]

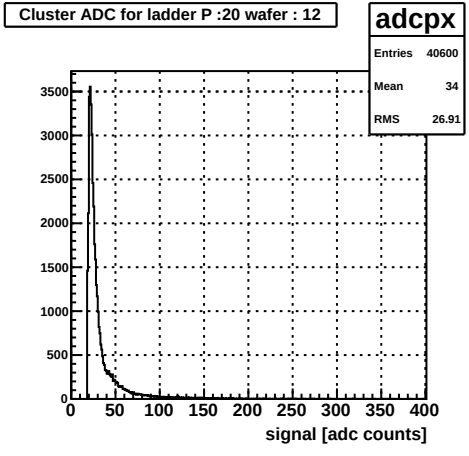

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7109
Mean 48.44
RMS 39.46
signal [adc counts]

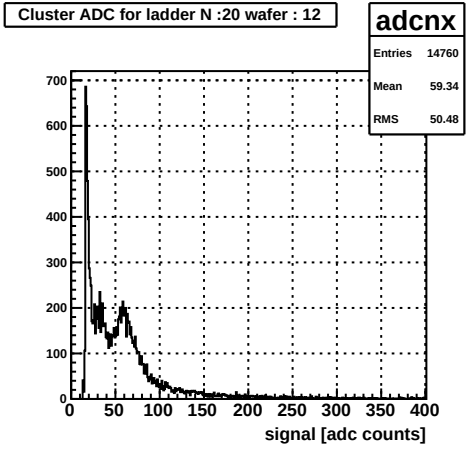

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 19542
Mean 60.66
RMS 53.15
signal [adc counts]

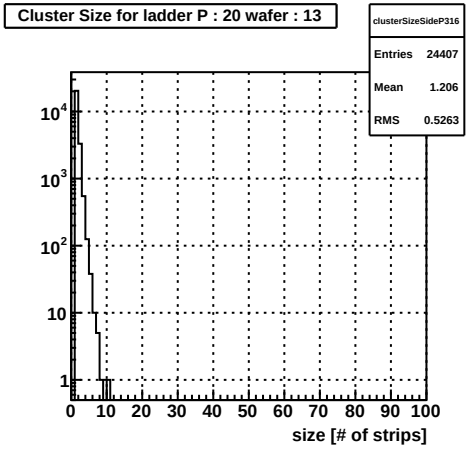

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 40600
Mean 1.157
RMS 0.4842
size [# of strips]

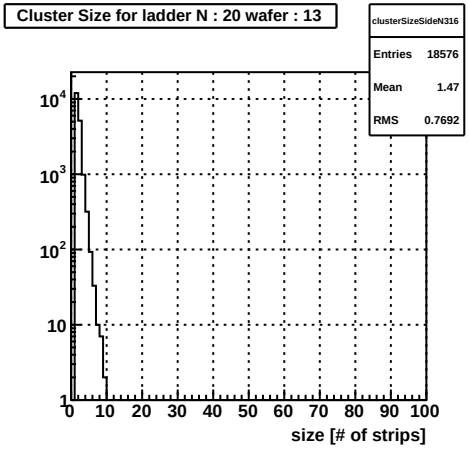

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 14760
Mean 1.662
RMS 0.8647
size [# of strips]

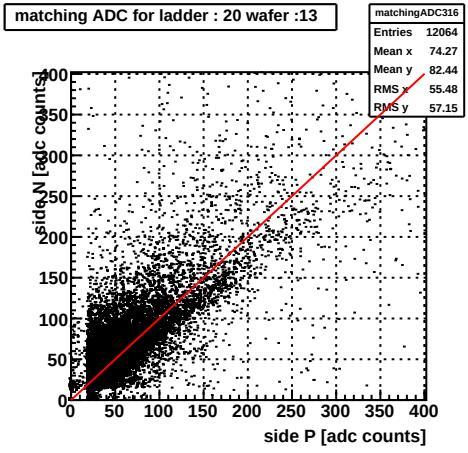

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 4454
Mean x 63.62
Mean y 68.21
RMS x 53.02
RMS y 59.04
side N [adc counts]
side P [adc counts]

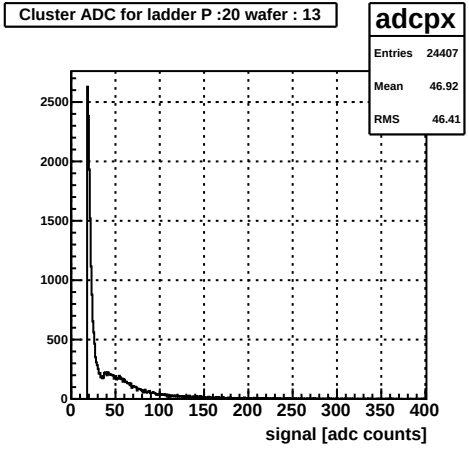

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 40600
Mean 34
RMS 26.91
signal [adc counts]

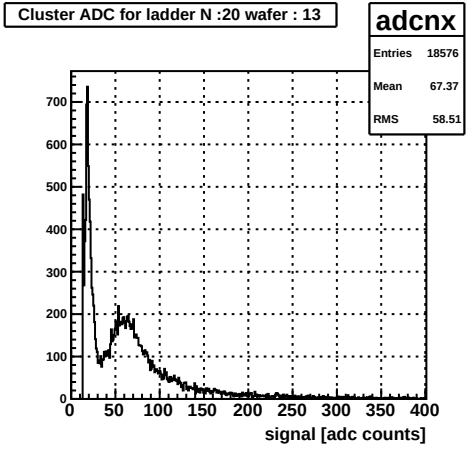

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 14760
Mean 59.34
RMS 50.48
signal [adc counts]

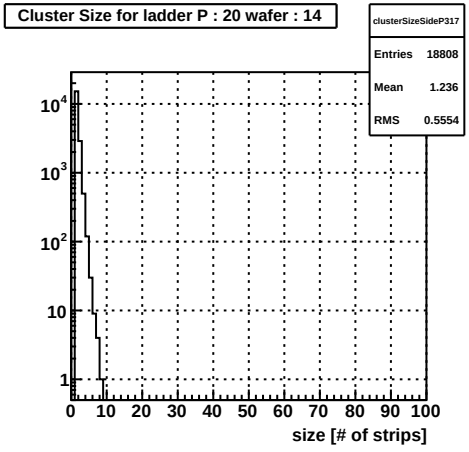

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 24407
Mean 1.206
RMS 0.5263
size [# of strips]

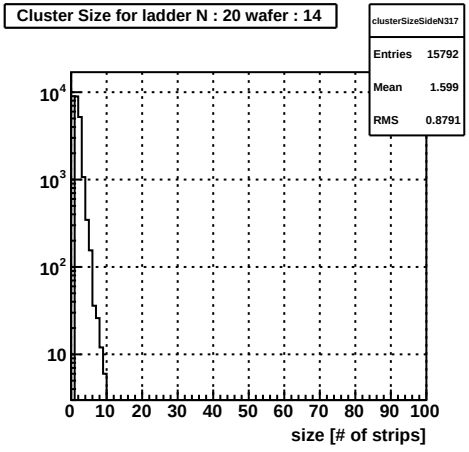

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 18576
Mean 1.47
RMS 0.7692
size [# of strips]

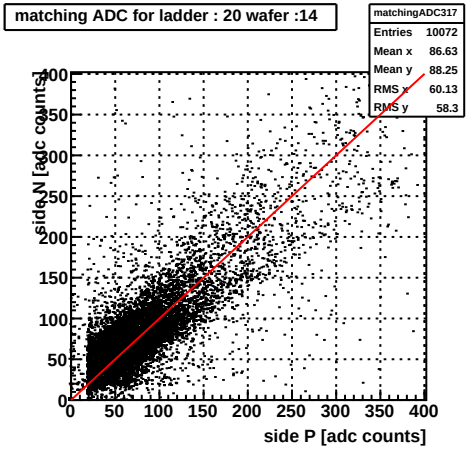

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12064
Mean x 74.27
Mean y 82.44
RMS x 55.48
RMS y 57.15
side N [adc counts]
side P [adc counts]

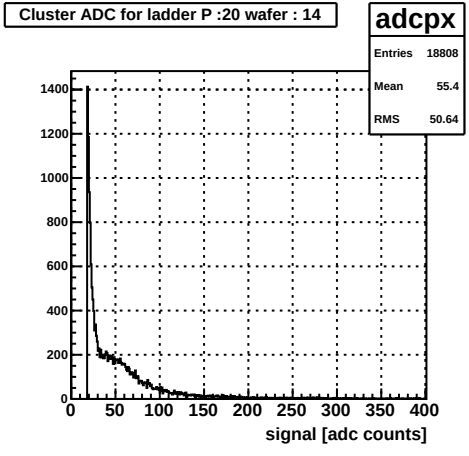

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 24407
Mean 46.92
RMS 46.41
signal [adc counts]

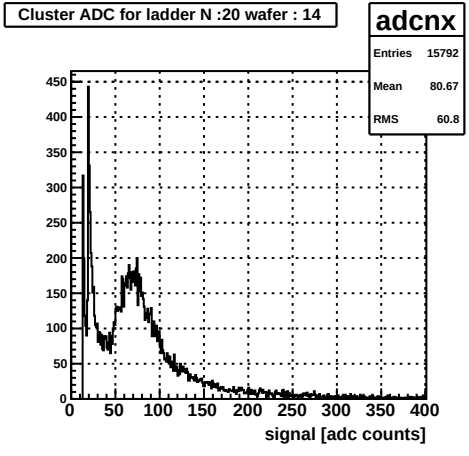

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 18576
Mean 67.37
RMS 58.51
signal [adc counts]

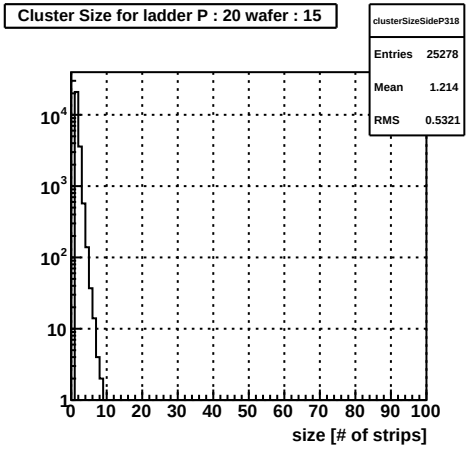

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 18808
Mean 1.236
RMS 0.5554
size [# of strips]

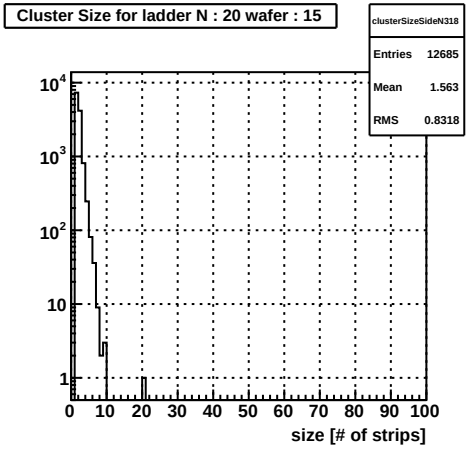

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15792
Mean 1.599
RMS 0.8791
size [# of strips]

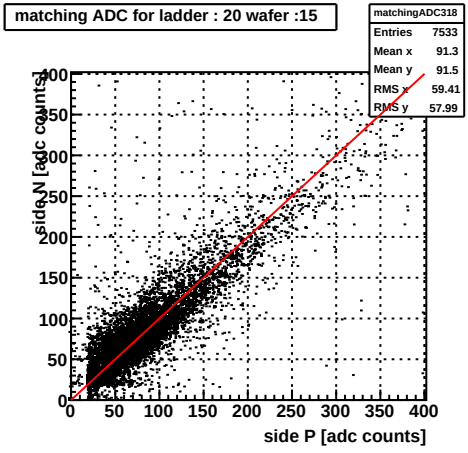

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10072
Mean x 86.63
Mean y 88.25
RMS x 60.13
RMS y 58.3
side N [adc counts]
side P [adc counts]

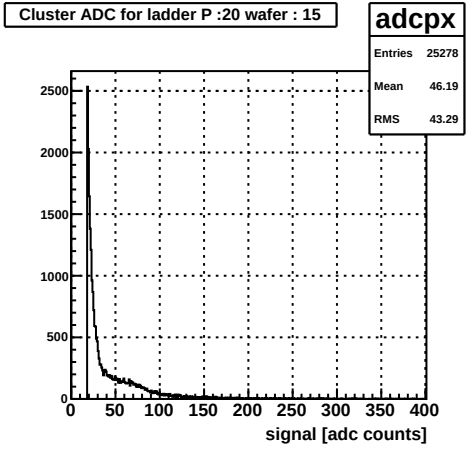

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 18808
Mean 55.4
RMS 50.64
signal [adc counts]

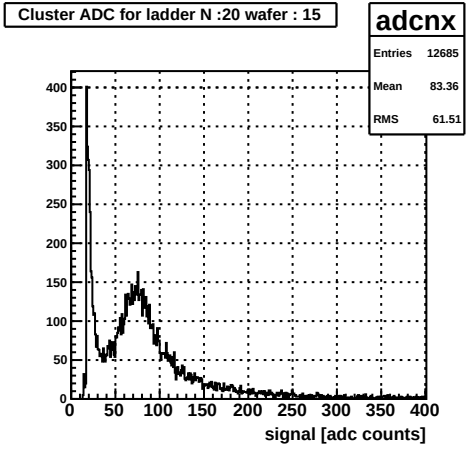

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15792
Mean 80.67
RMS 60.8
signal [adc counts]

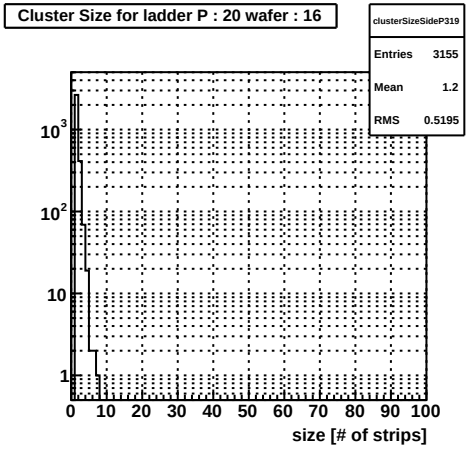

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 25278
Mean 1.214
RMS 0.5321
size [# of strips]

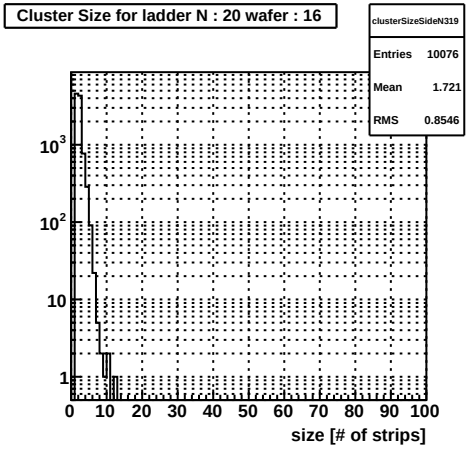

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 12685
Mean 1.563
RMS 0.8318
size [# of strips]

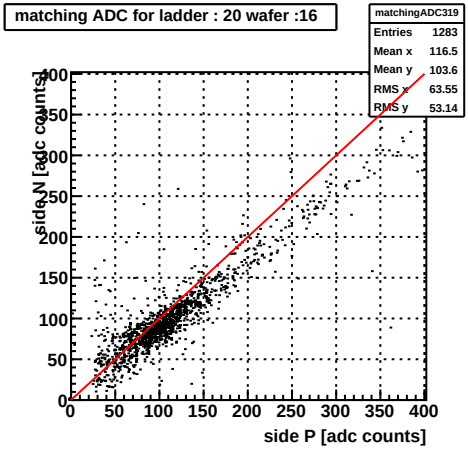

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7533
Mean x 91.3
Mean y 91.5
RMS x 59.41
RMS y 57.99
side N [adc counts]
side P [adc counts]

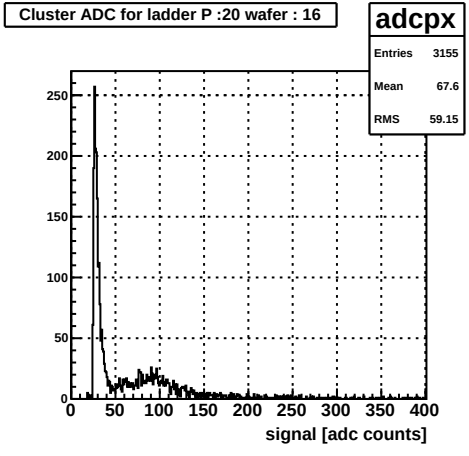

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 25278
Mean 46.19
RMS 43.29
signal [adc counts]

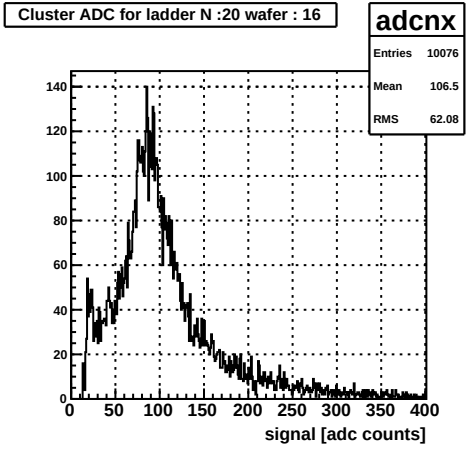

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 12685
Mean 83.36
RMS 61.51
signal [adc counts]

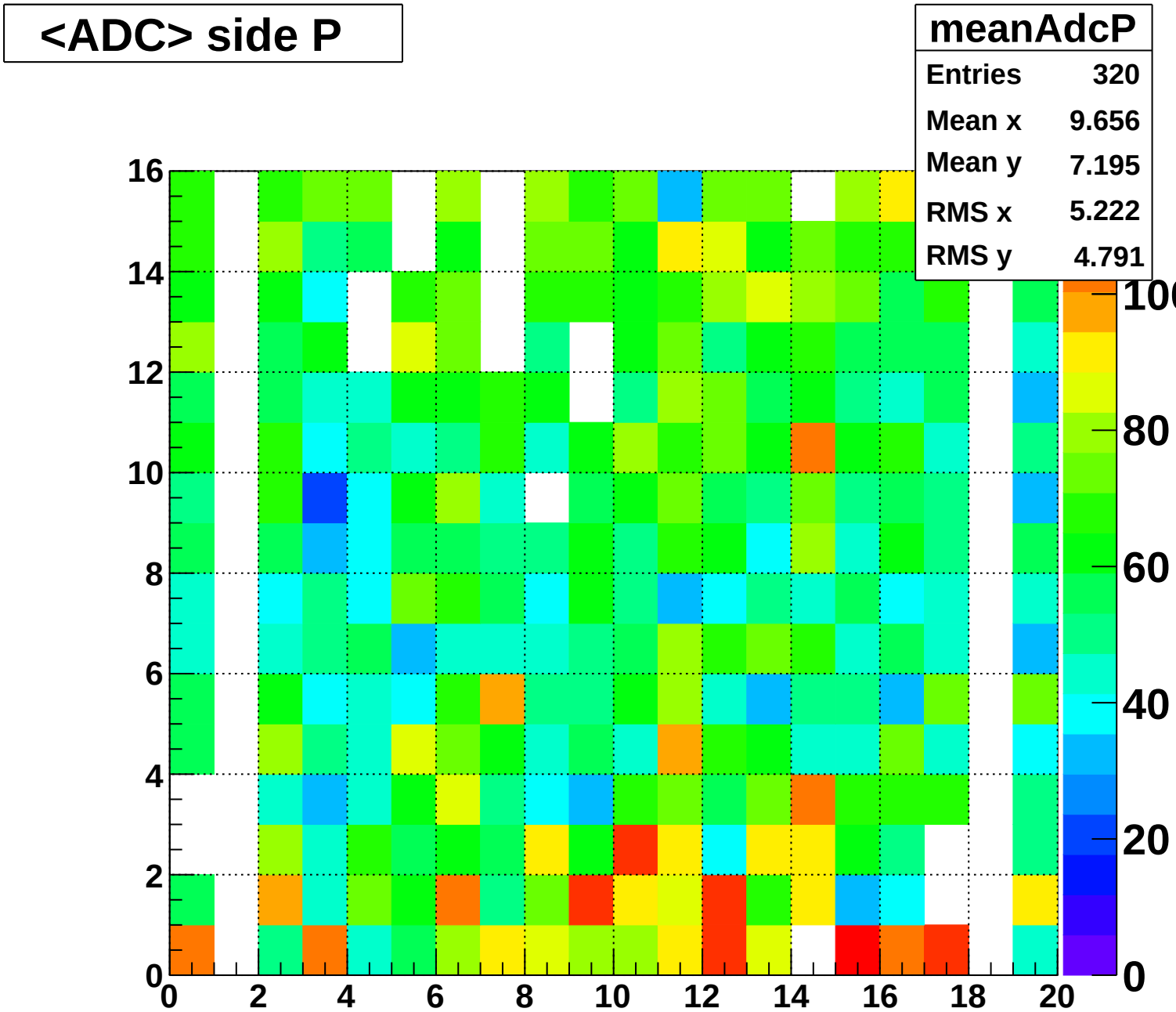

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3155
Mean 1.2
RMS 0.5195
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 10076
Mean 1.721
RMS 0.8546
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 1283
Mean x 116.5
Mean y 103.6
RMS x 63.55
RMS y 53.14
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3155
Mean 67.6
RMS 59.15
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 10076
Mean 106.5
RMS 62.08
signal [adc counts]



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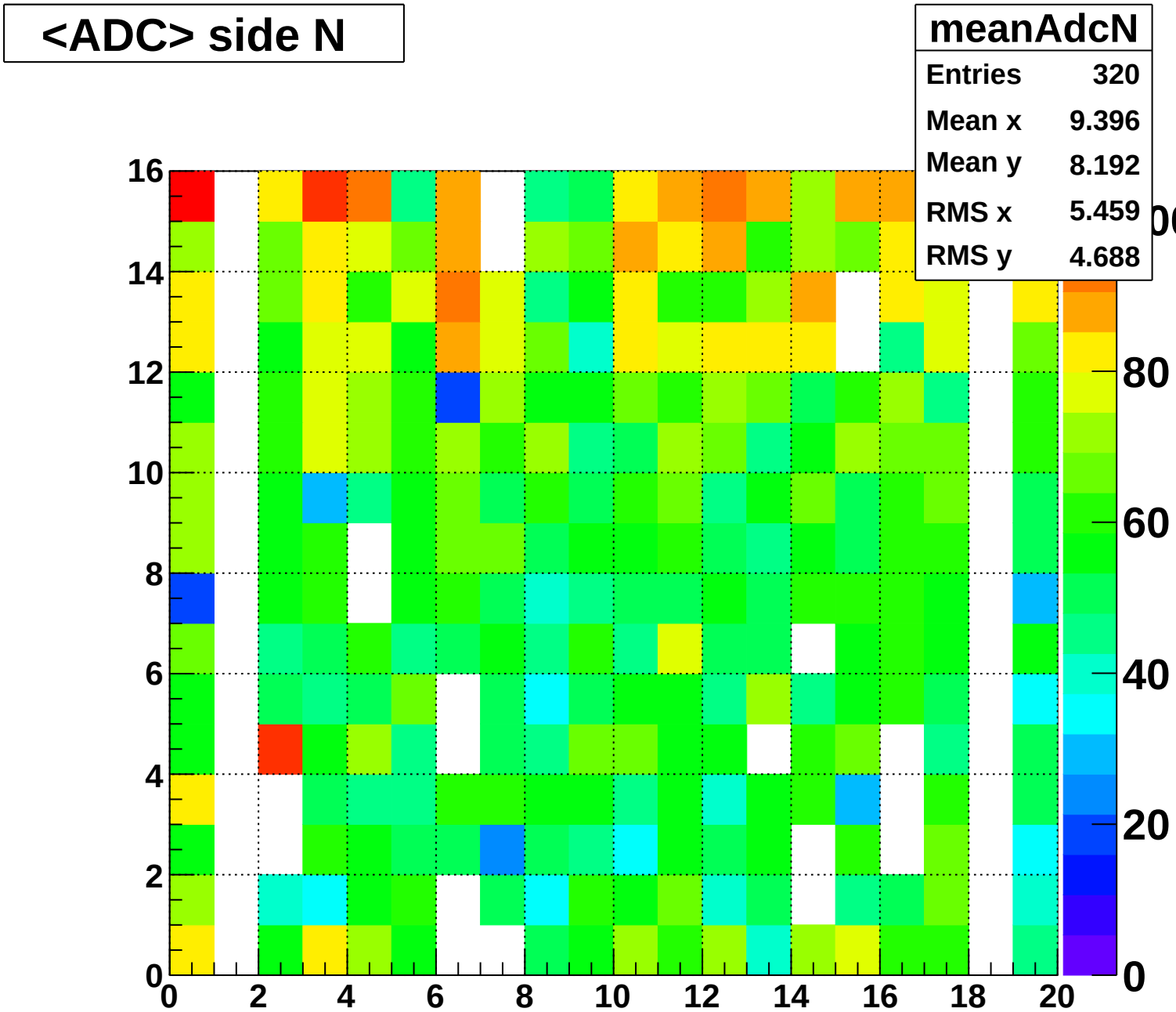

2016-06-22 22:15:25