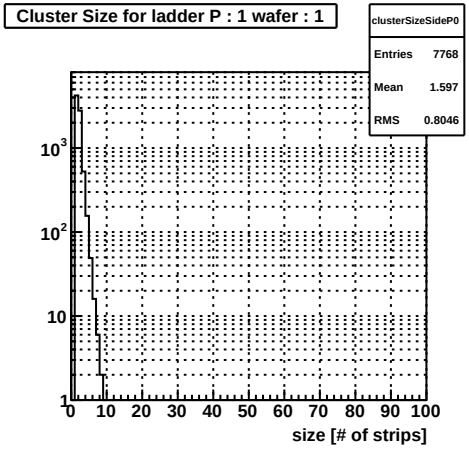
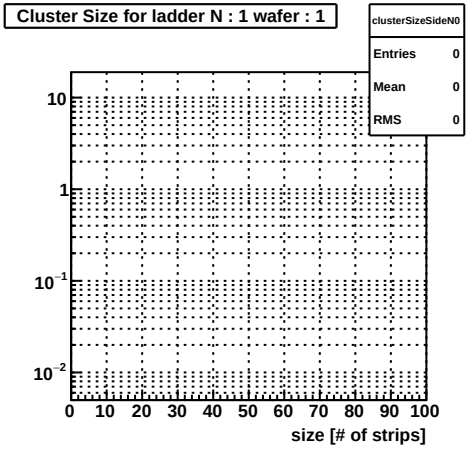
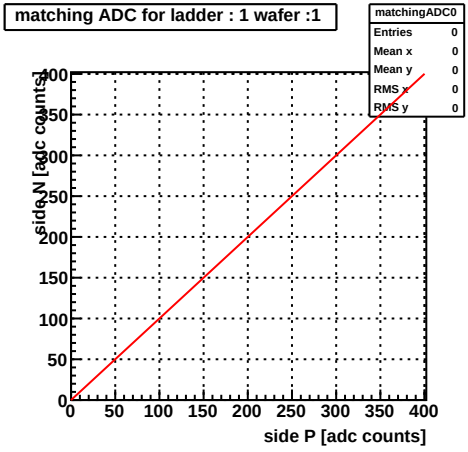
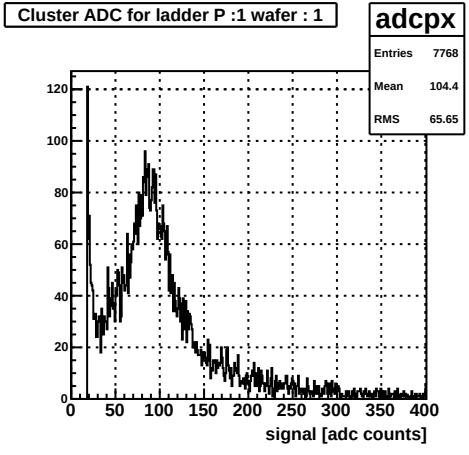
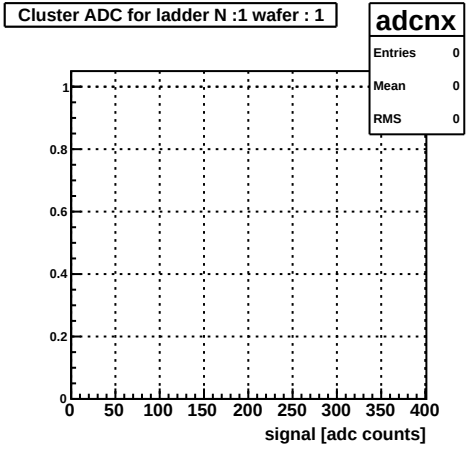
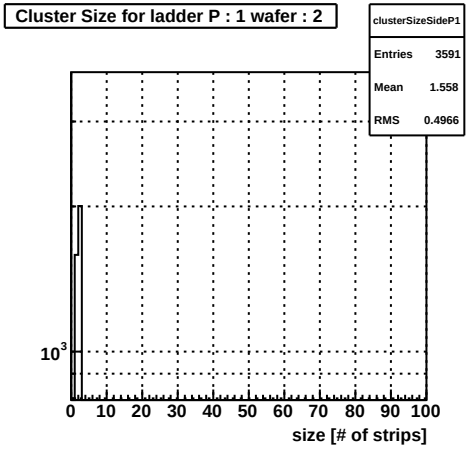

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 7768
Mean 1.597
RMS 0.8046
size [# of strips]

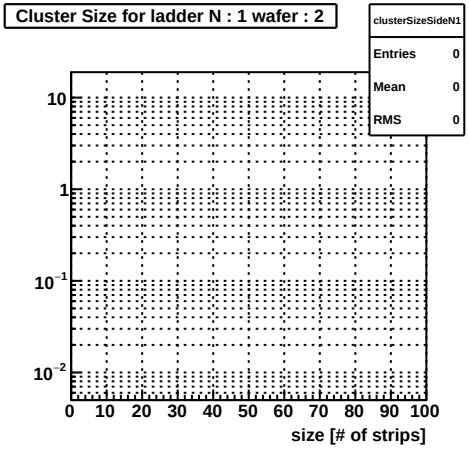

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

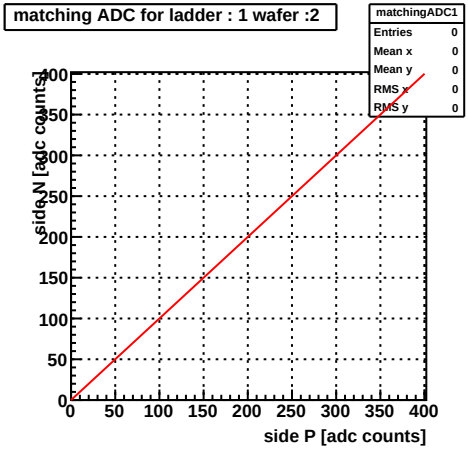

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

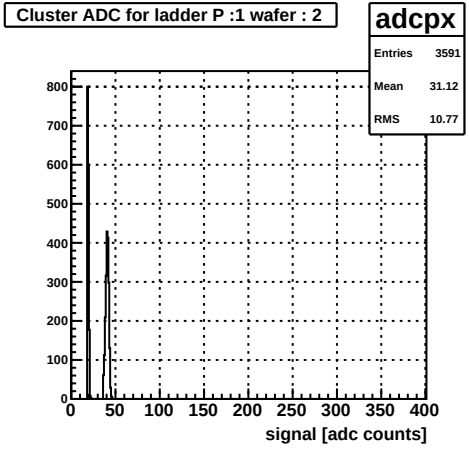

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 7768
Mean 104.4
RMS 65.65
signal [adc counts]

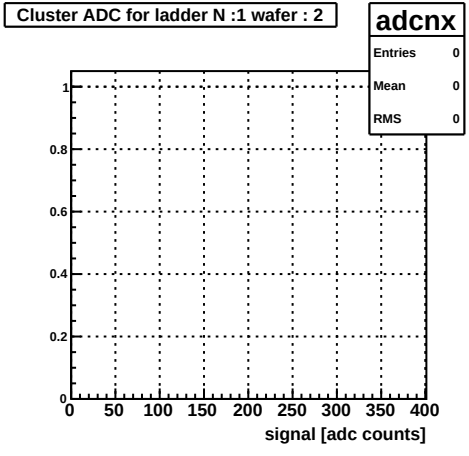

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

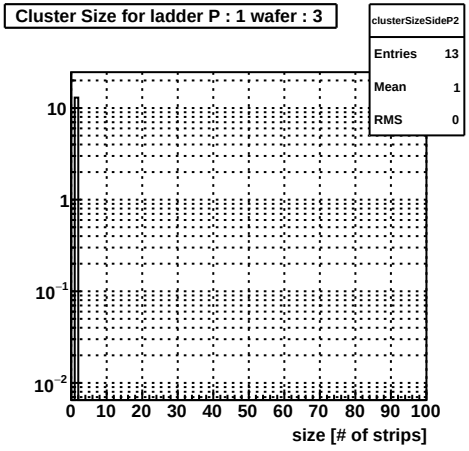

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3591
Mean 1.558
RMS 0.4966
size [# of strips]

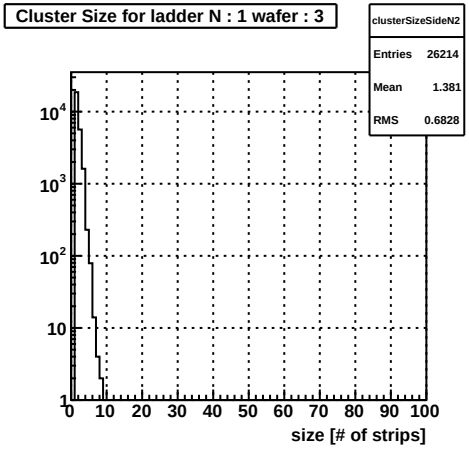

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

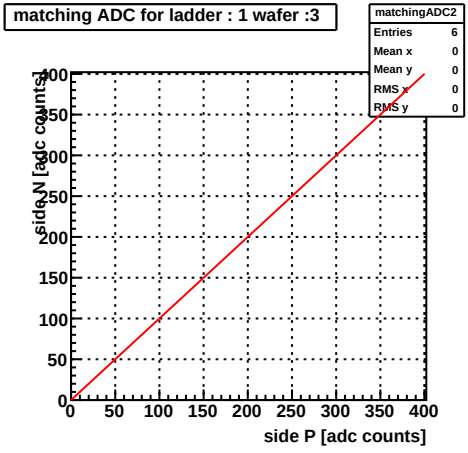

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

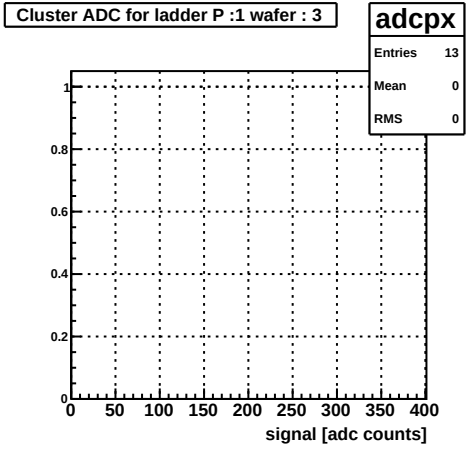

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3591
Mean 31.12
RMS 10.77
signal [adc counts]

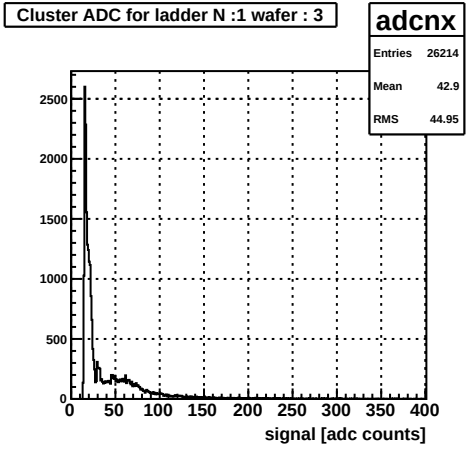

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

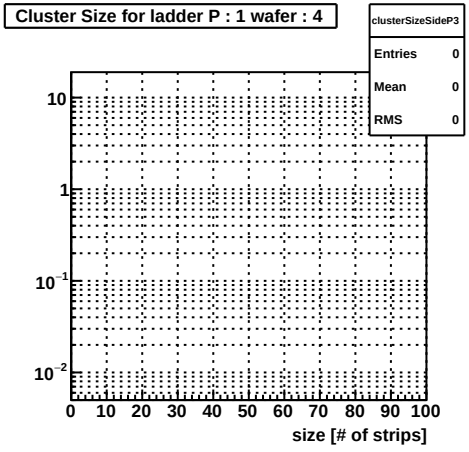

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 13
Mean 1
RMS 0
size [# of strips]

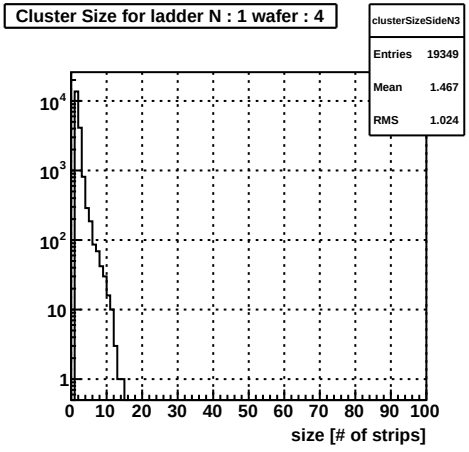

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 26214
Mean 1.381
RMS 0.6828
size [# of strips]

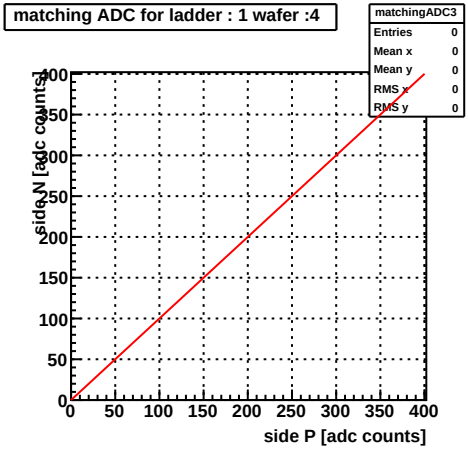

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

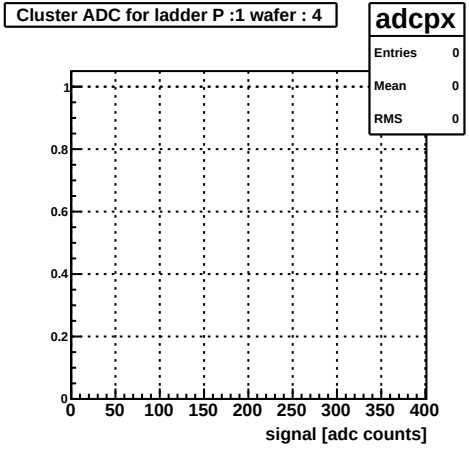

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

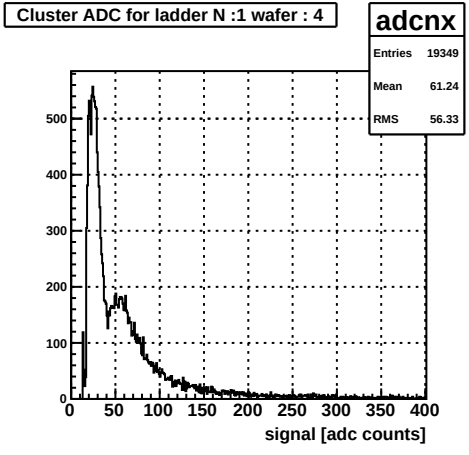

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 26214
Mean 42.9
RMS 44.95
signal [adc counts]

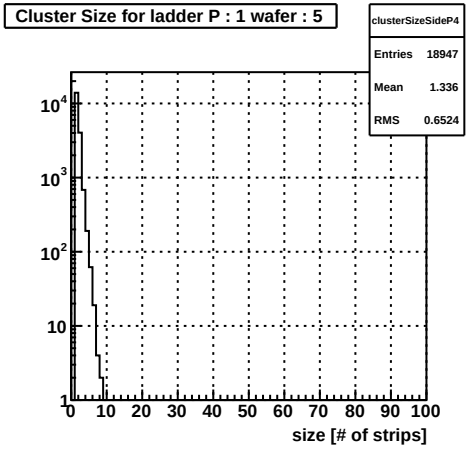

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

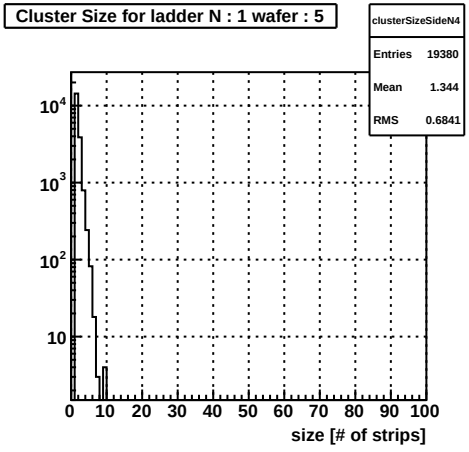

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 19349
Mean 1.467
RMS 1.024
size [# of strips]

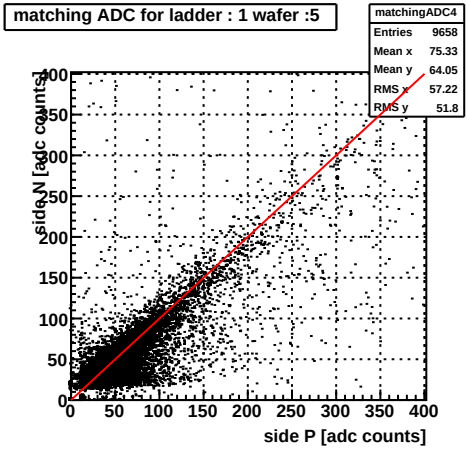

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

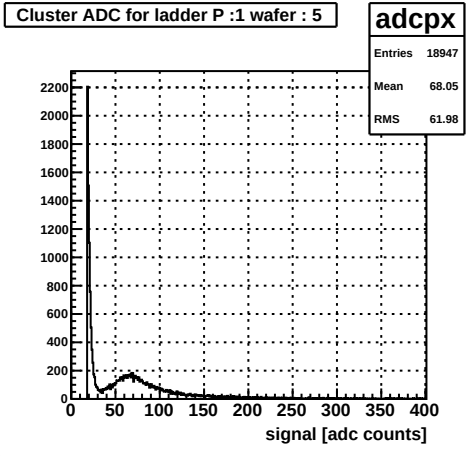

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

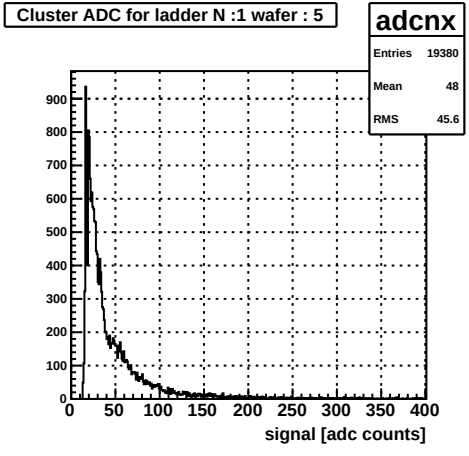

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 19349
Mean 61.24
RMS 56.33
signal [adc counts]

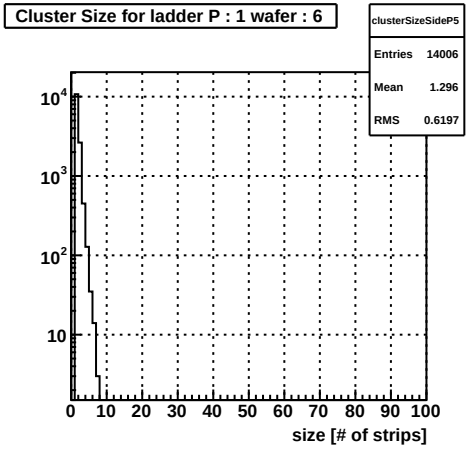

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 18947
Mean 1.336
RMS 0.6524
size [# of strips]

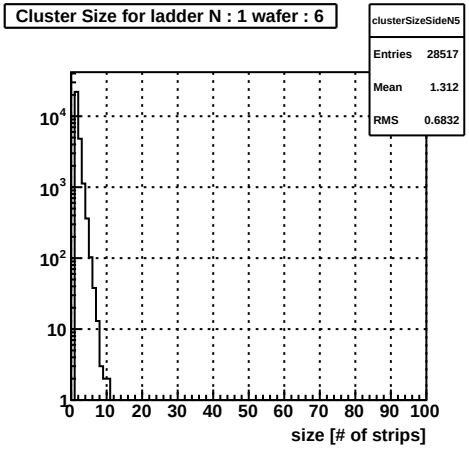

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 19380
Mean 1.344
RMS 0.6841
size [# of strips]

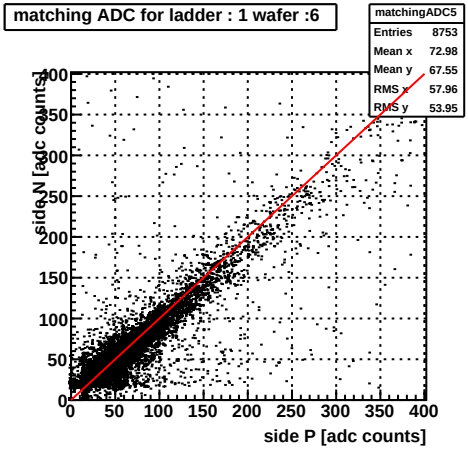

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 9658
Mean x 75.33
Mean y 64.05
RMS x 57.22
RMS y 51.8
side N [adc counts]
side P [adc counts]

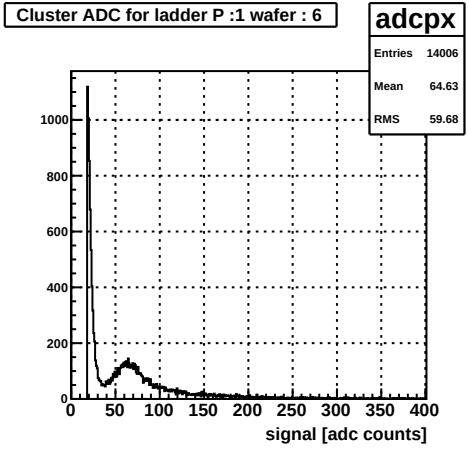

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 18947
Mean 68.05
RMS 61.98
signal [adc counts]

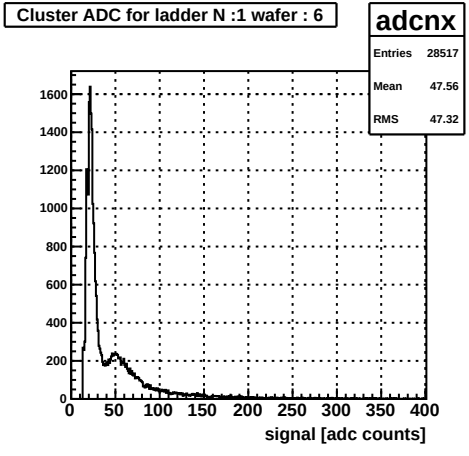

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 19380
Mean 48
RMS 45.6
signal [adc counts]

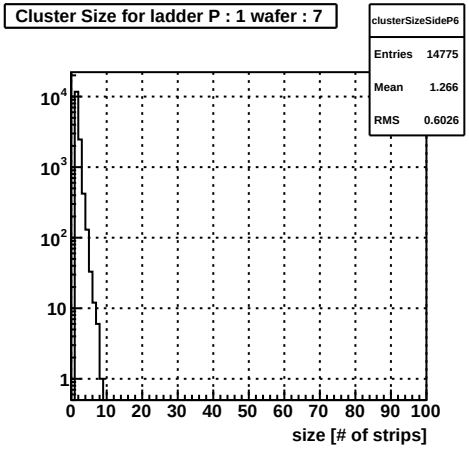

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 14006
Mean 1.296
RMS 0.6197
size [# of strips]

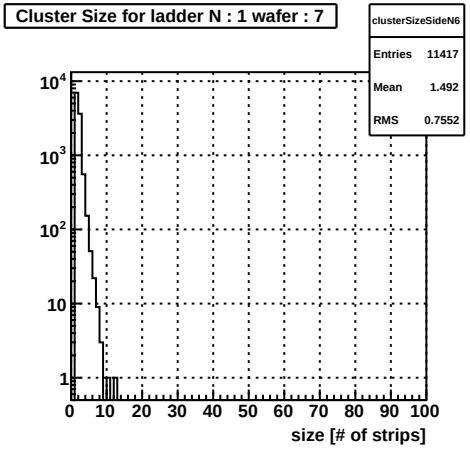

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 28517
Mean 1.312
RMS 0.6832
size [# of strips]

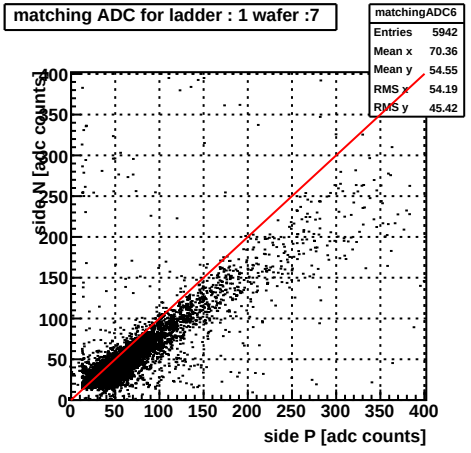

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 8753
Mean x 72.98
Mean y 67.55
RMS x 57.96
RMS y 53.95
side N [adc counts]
side P [adc counts]

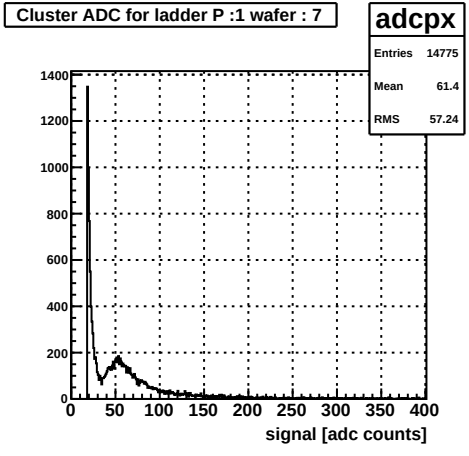

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 14006
Mean 64.63
RMS 59.68
signal [adc counts]

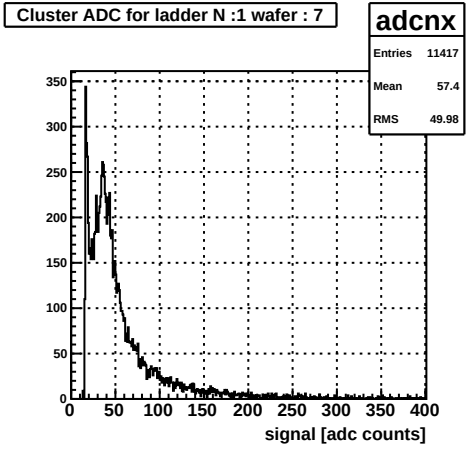

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 28517
Mean 47.56
RMS 47.32
signal [adc counts]

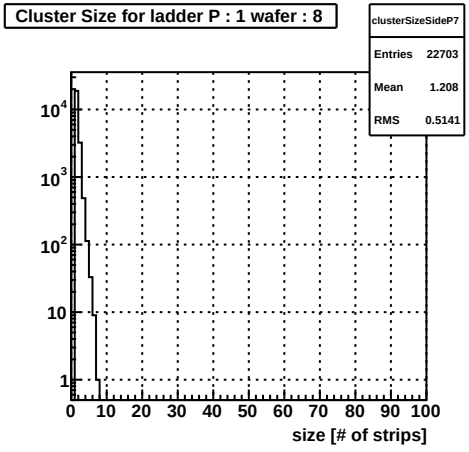

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 14775
Mean 1.266
RMS 0.6026
size [# of strips]

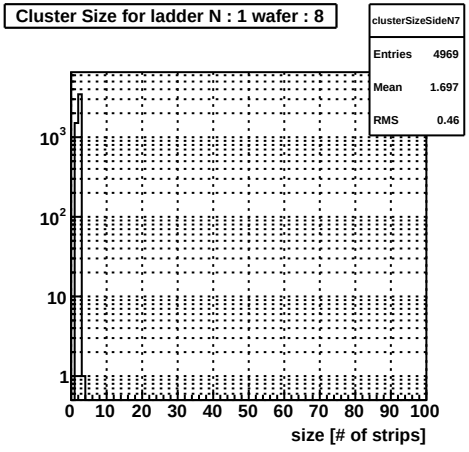

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 11417
Mean 1.492
RMS 0.7552
size [# of strips]

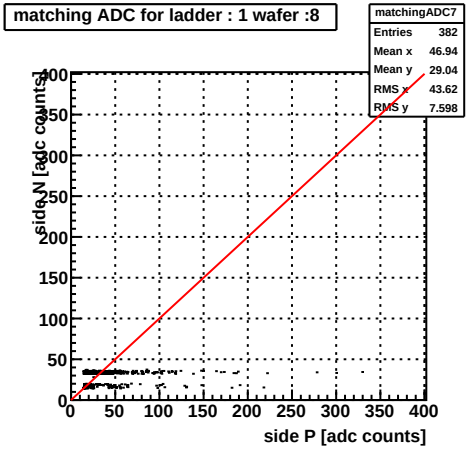

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 5942
Mean x 70.36
Mean y 54.55
RMS x 54.19
RMS y 45.42
side N [adc counts]
side P [adc counts]

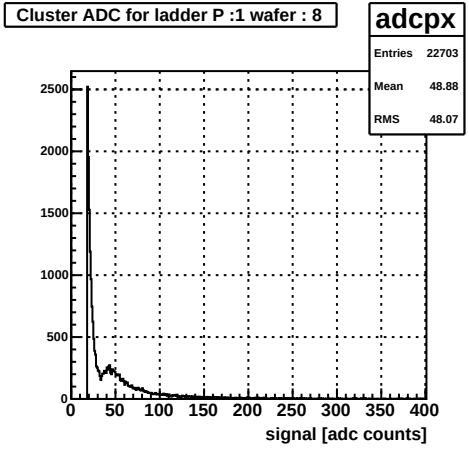

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 14775
Mean 61.4
RMS 57.24
signal [adc counts]

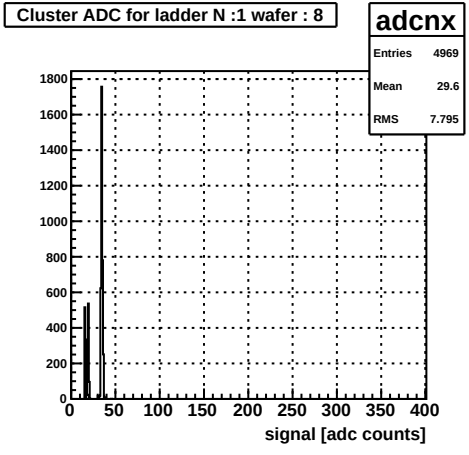

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 11417
Mean 57.4
RMS 49.98
signal [adc counts]

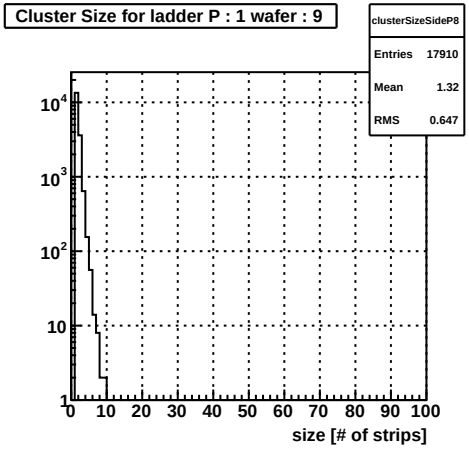

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 22703
Mean 1.208
RMS 0.5141
size [# of strips]

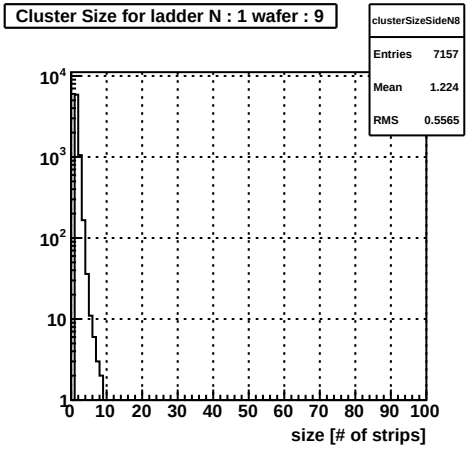

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4969
Mean 1.697
RMS 0.46
size [# of strips]

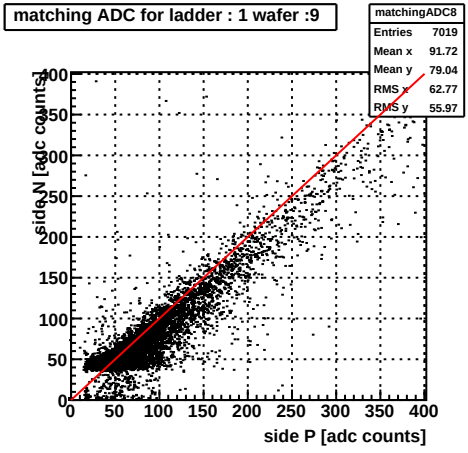

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 382
Mean x 46.94
Mean y 29.04
RMS x 43.62
RMS y 7.598
side N [adc counts]
side P [adc counts]

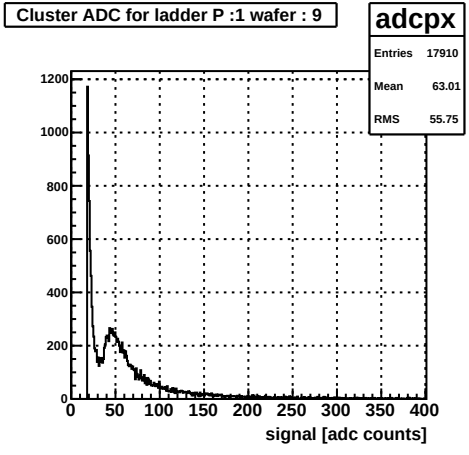

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 22703
Mean 48.88
RMS 48.07
signal [adc counts]

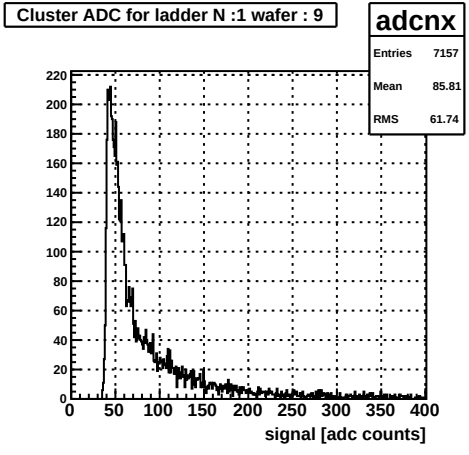

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4969
Mean 29.6
RMS 7.795
signal [adc counts]

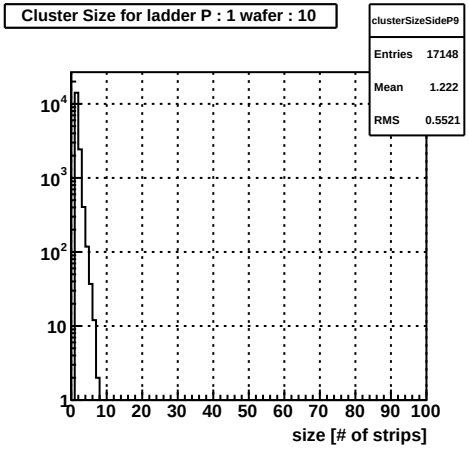

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 17910
Mean 1.32
RMS 0.647
size [# of strips]

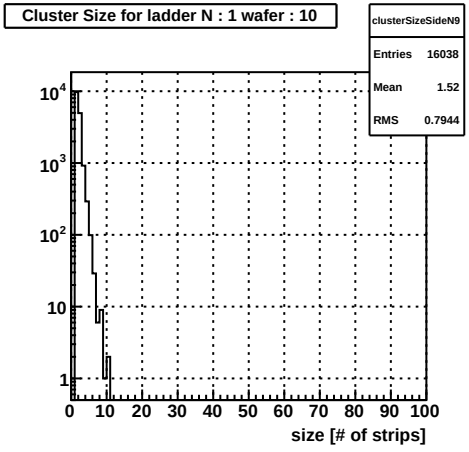

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 7157
Mean 1.224
RMS 0.5565
size [# of strips]

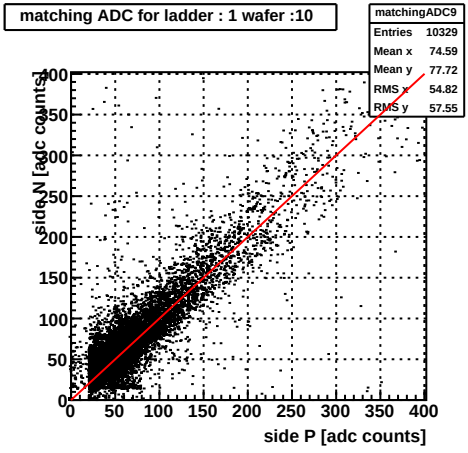

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 7019
Mean x 91.72
Mean y 79.04
RMS x 62.77
RMS y 55.97
side N [adc counts]
side P [adc counts]

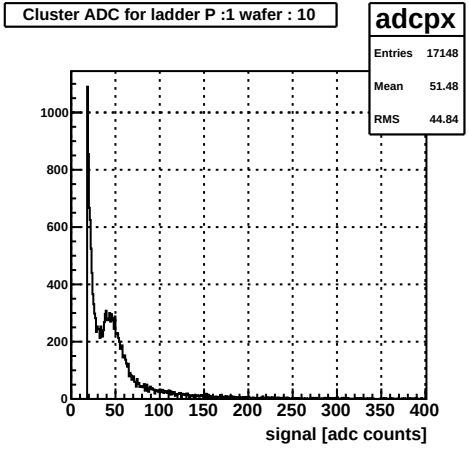

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 17910
Mean 63.01
RMS 55.75
signal [adc counts]

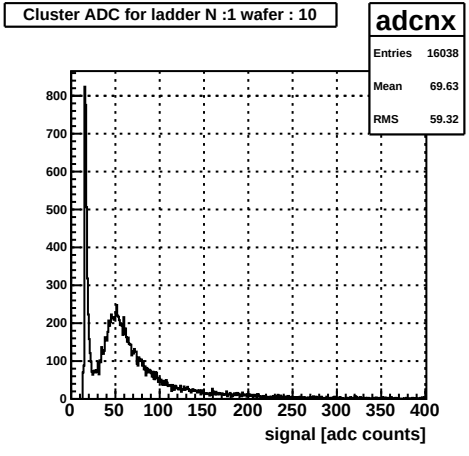

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 7157
Mean 85.81
RMS 61.74
signal [adc counts]

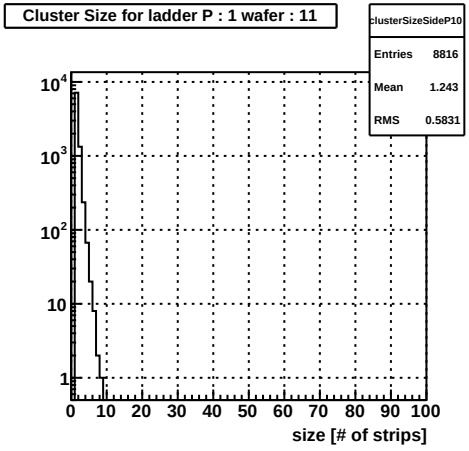

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 17148
Mean 1.222
RMS 0.5521
size [# of strips]

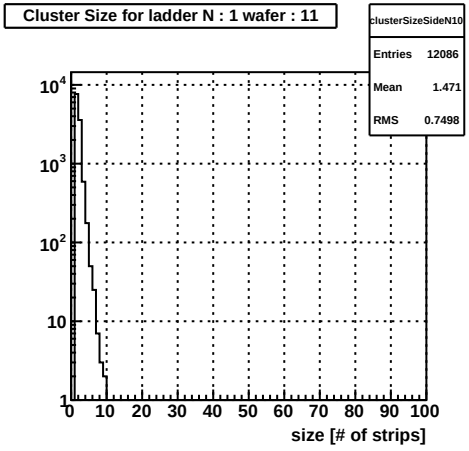

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 16038
Mean 1.52
RMS 0.7944
size [# of strips]

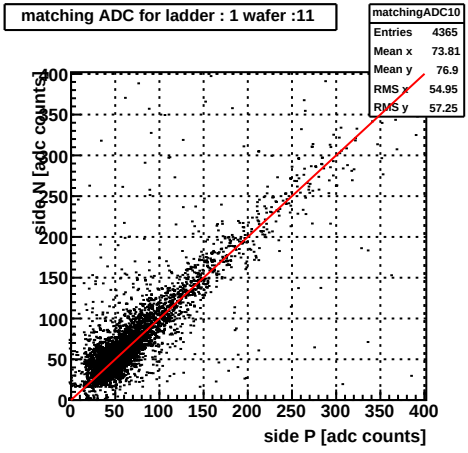

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 10329
Mean x 74.59
Mean y 77.72
RMS x 54.82
RMS y 57.55
side N [adc counts]
side P [adc counts]

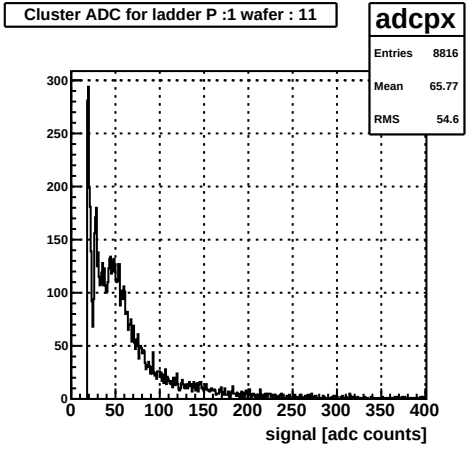

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 17148
Mean 51.48
RMS 44.84
signal [adc counts]

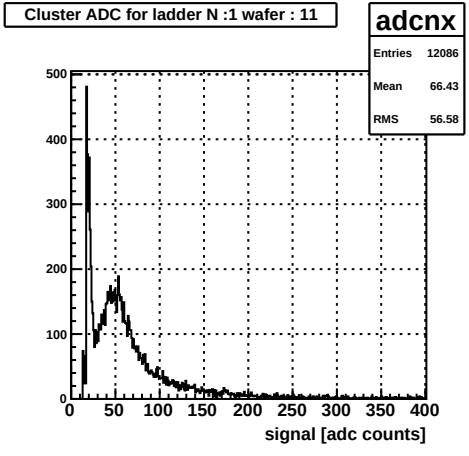

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 16038
Mean 69.63
RMS 59.32
signal [adc counts]

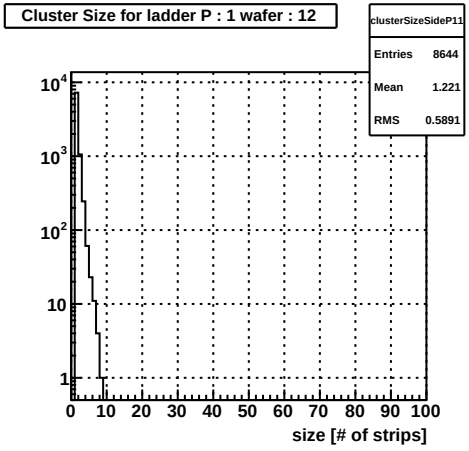

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8816
Mean 1.243
RMS 0.5831
size [# of strips]

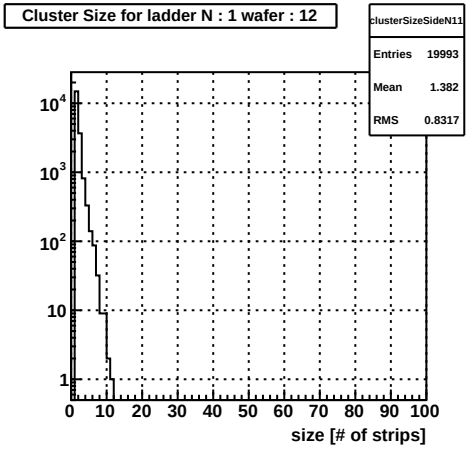

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 12086
Mean 1.471
RMS 0.7498
size [# of strips]

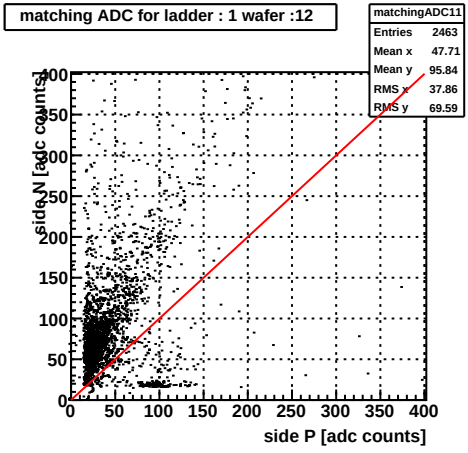

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4365
Mean x 73.81
Mean y 76.9
RMS x 54.95
RMS y 57.25
side N [adc counts]
side P [adc counts]

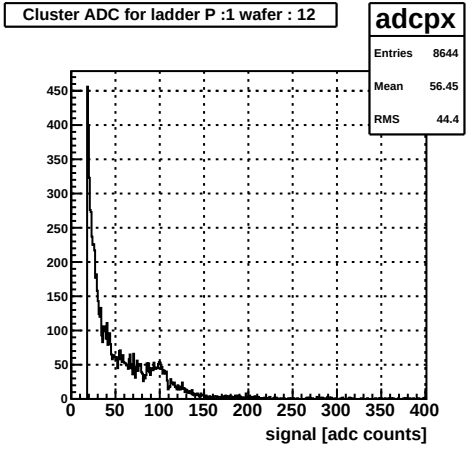

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8816
Mean 65.77
RMS 54.6
signal [adc counts]

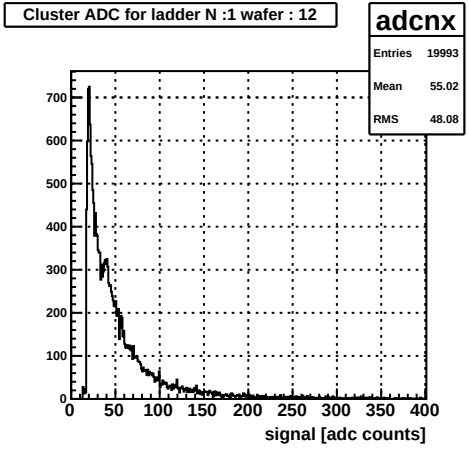

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 12086
Mean 66.43
RMS 56.58
signal [adc counts]

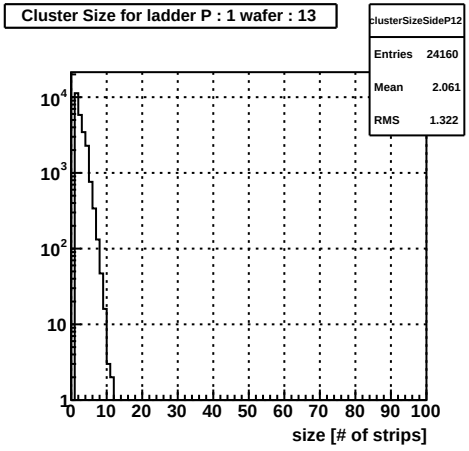

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 8644
Mean 1.221
RMS 0.5891
size [# of strips]

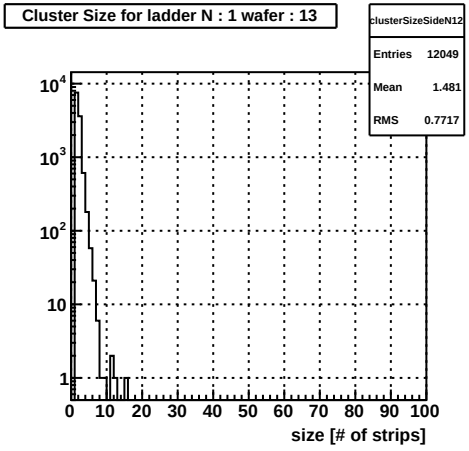

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 19993
Mean 1.382
RMS 0.8317
size [# of strips]

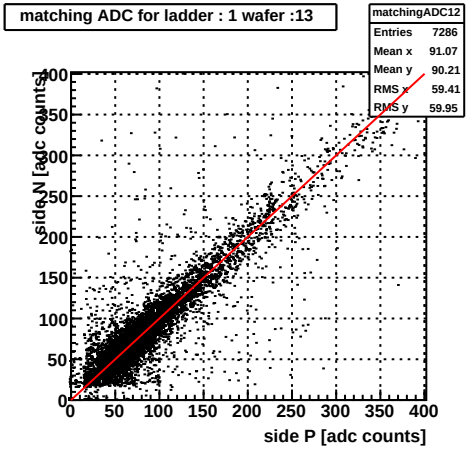

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2463
Mean x 47.71
Mean y 95.84
RMS x 37.86
RMS y 69.59
side N [adc counts]
side P [adc counts]

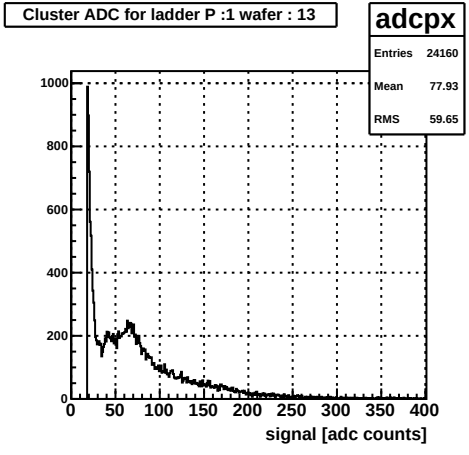

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 8644
Mean 56.45
RMS 44.4
signal [adc counts]

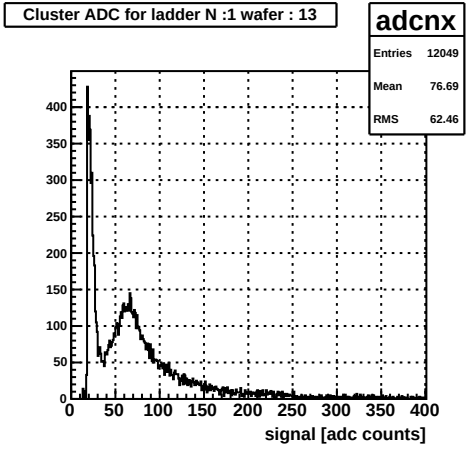

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 19993
Mean 55.02
RMS 48.08
signal [adc counts]

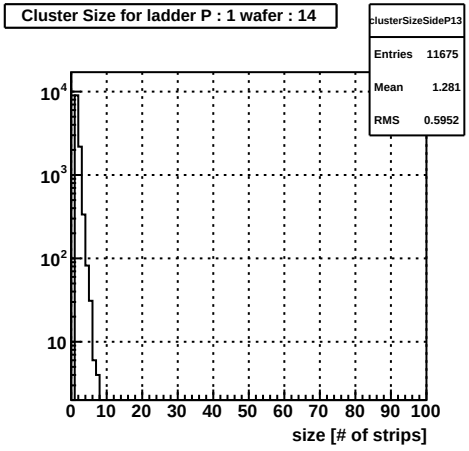

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 24160
Mean 2.061
RMS 1.322
size [# of strips]

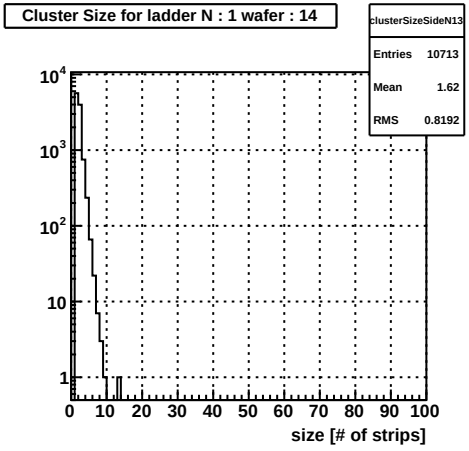

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12049
Mean 1.481
RMS 0.7717
size [# of strips]

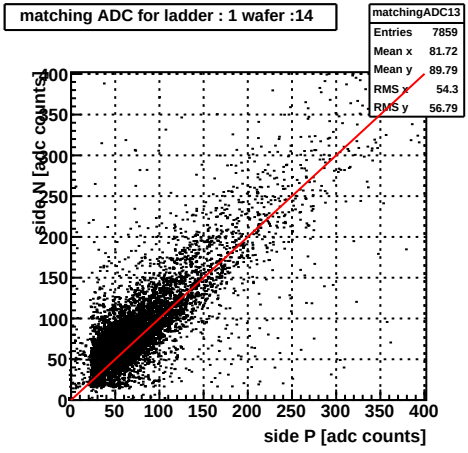

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 7286
Mean x 91.07
Mean y 90.21
RMS x 59.41
RMS y 59.95
side N [adc counts]
side P [adc counts]

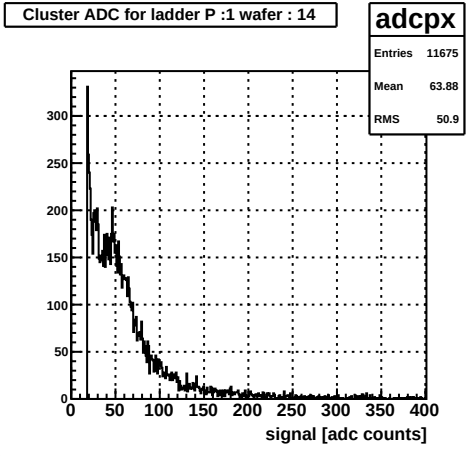

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 24160
Mean 77.93
RMS 59.65
signal [adc counts]

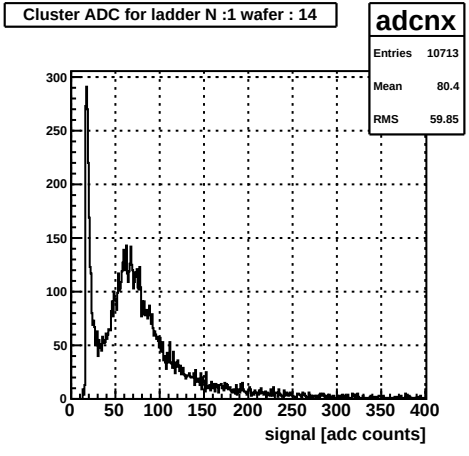

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12049
Mean 76.69
RMS 62.46
signal [adc counts]

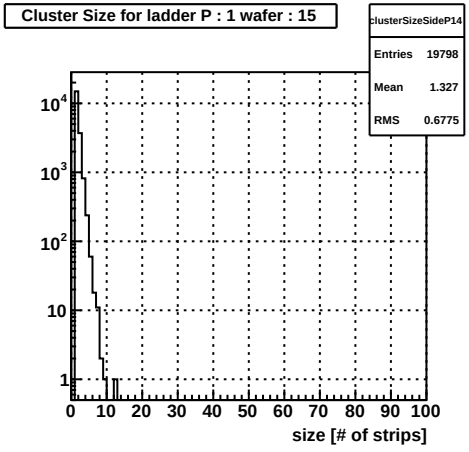

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 11675
Mean 1.281
RMS 0.5952
size [# of strips]

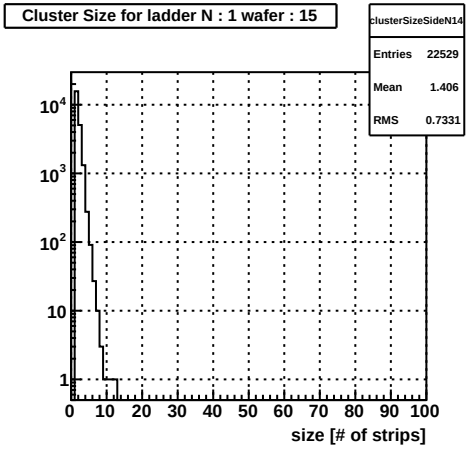

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 10713
Mean 1.62
RMS 0.8192
size [# of strips]

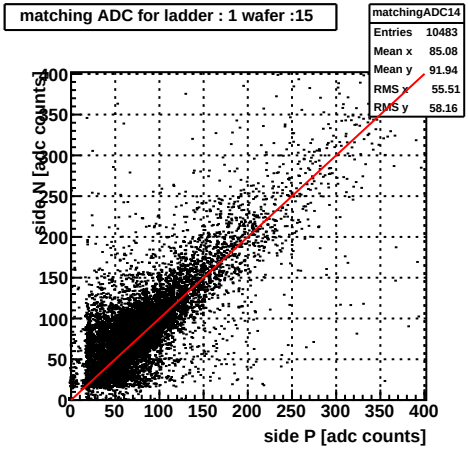

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 7859
Mean x 81.72
Mean y 89.79
RMS x 54.3
RMS y 56.79
side N [adc counts]
side P [adc counts]

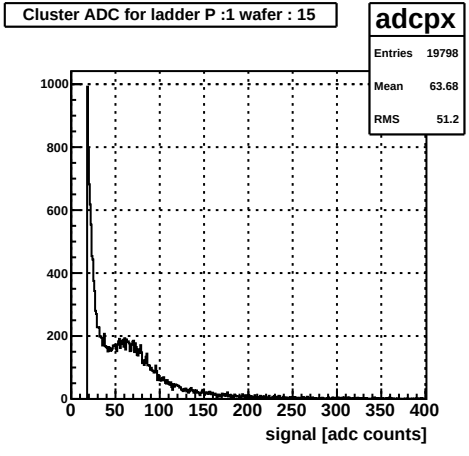

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 11675
Mean 63.88
RMS 50.9
signal [adc counts]

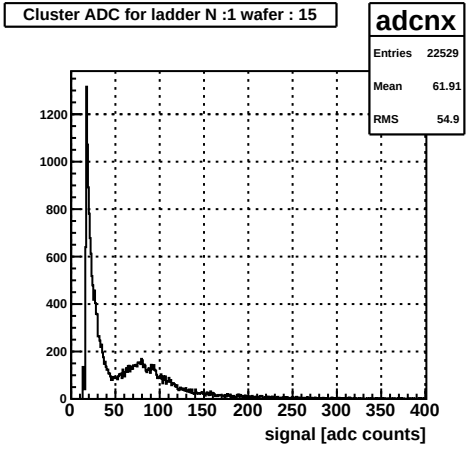

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 10713
Mean 80.4
RMS 59.85
signal [adc counts]

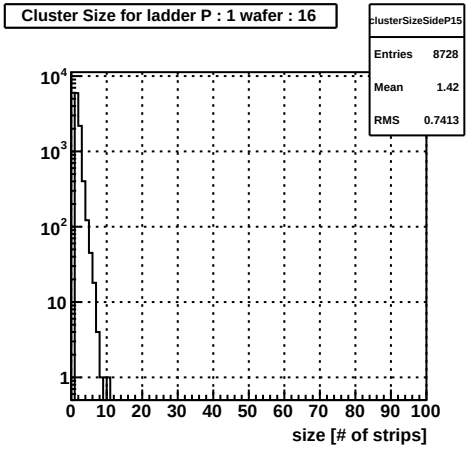

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 19798
Mean 1.327
RMS 0.6775
size [# of strips]

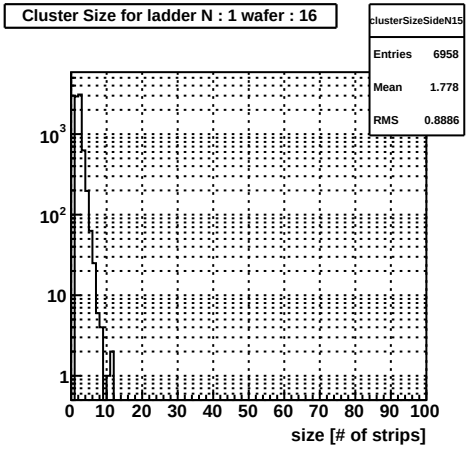

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 22529
Mean 1.406
RMS 0.7331
size [# of strips]

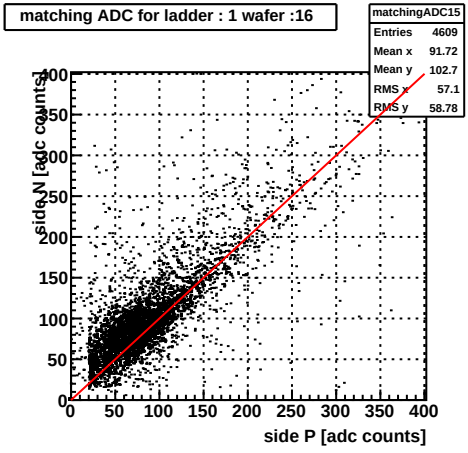

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 10483
Mean x 85.08
Mean y 91.94
RMS x 55.51
RMS y 58.16
side N [adc counts]
side P [adc counts]

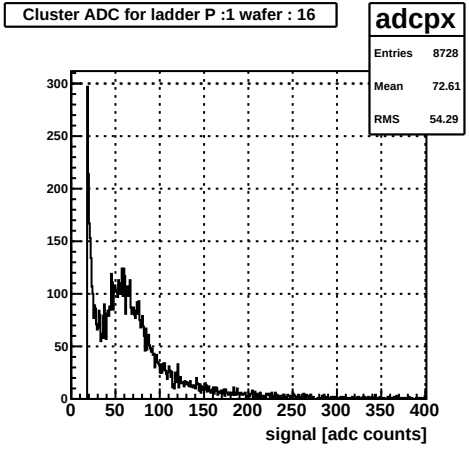

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 19798
Mean 63.68
RMS 51.2
signal [adc counts]

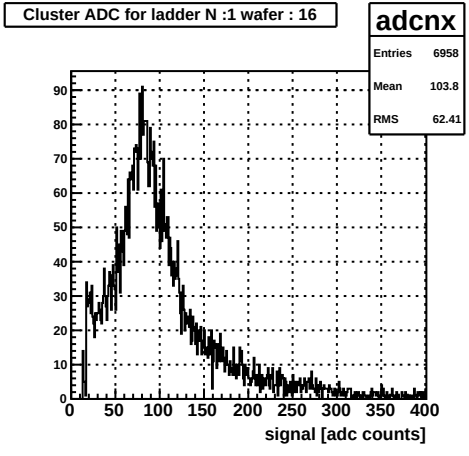

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 22529
Mean 61.91
RMS 54.9
signal [adc counts]

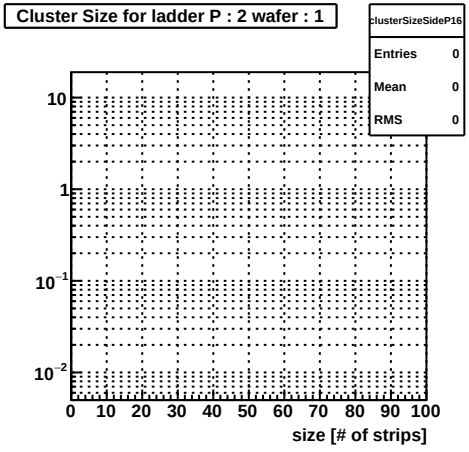

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 8728
Mean 1.42
RMS 0.7413
size [# of strips]

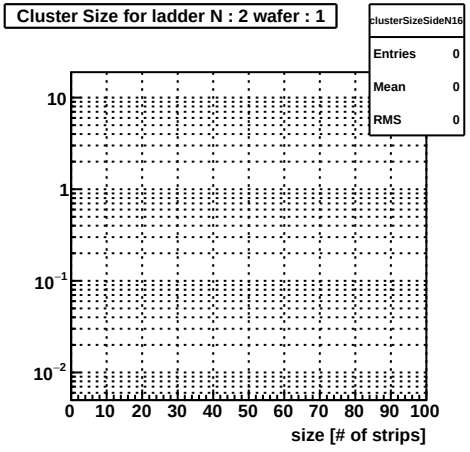

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 6958
Mean 1.778
RMS 0.8886
size [# of strips]

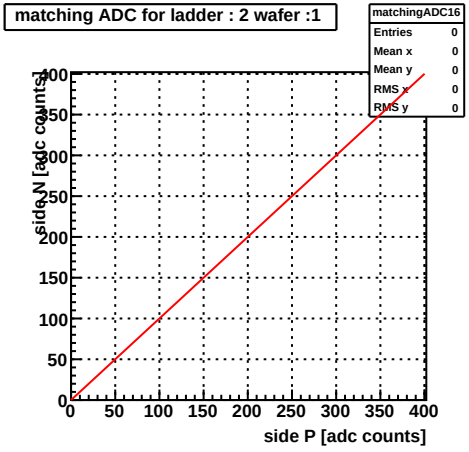

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 4609
Mean x 91.72
Mean y 102.7
RMS x 57.1
RMS y 58.78
side N [adc counts]
side P [adc counts]

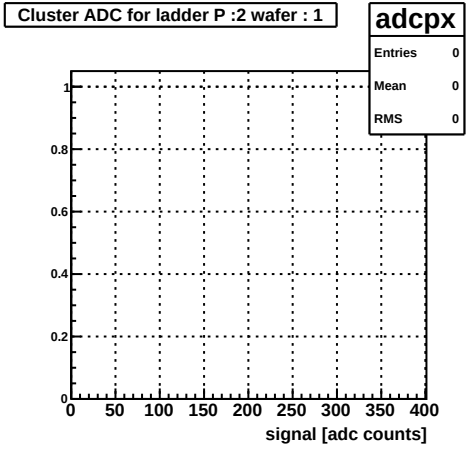

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 8728
Mean 72.61
RMS 54.29
signal [adc counts]

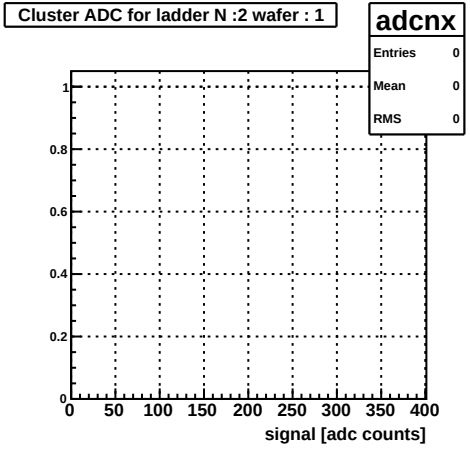

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 6958
Mean 103.8
RMS 62.41
signal [adc counts]

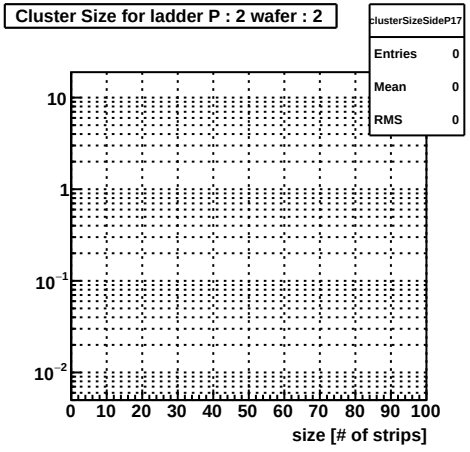

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

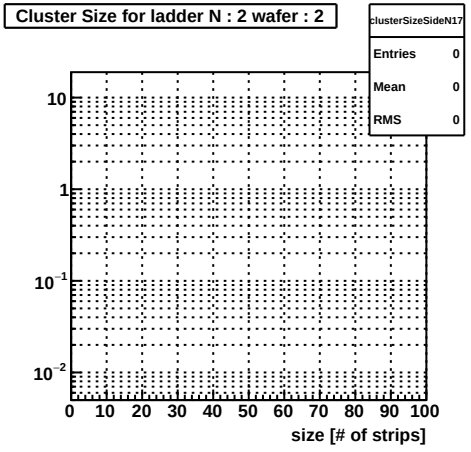

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

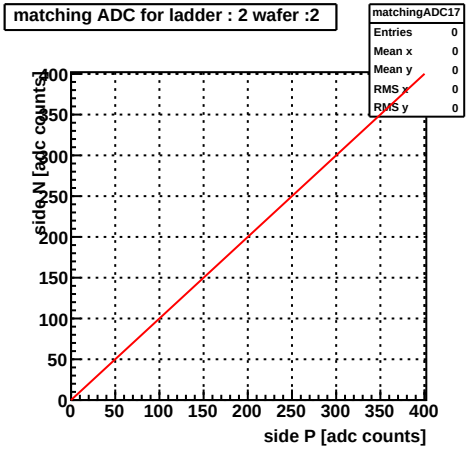

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

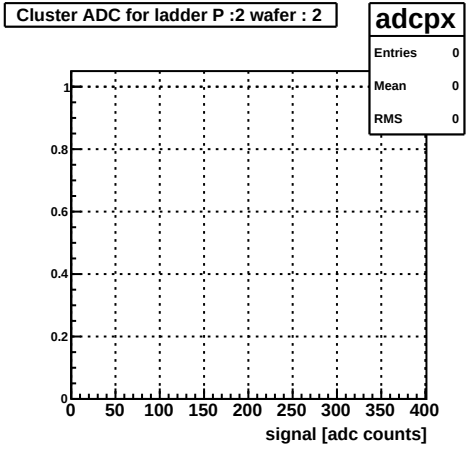

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

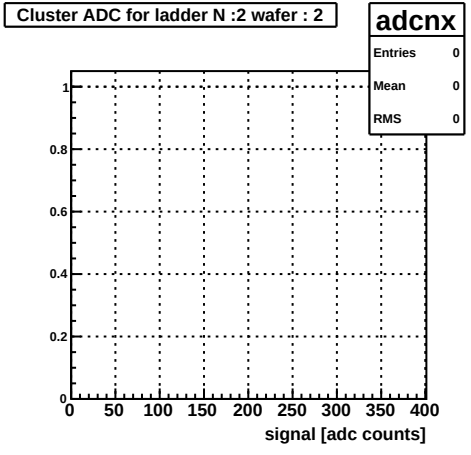

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

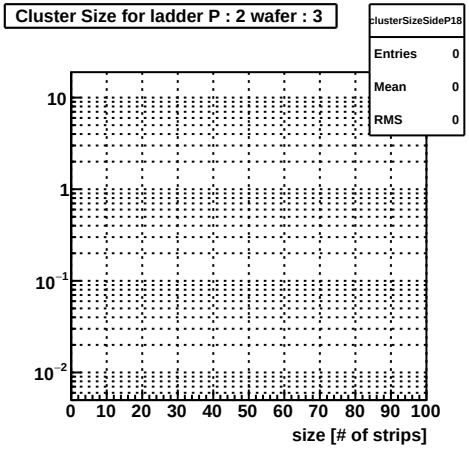

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

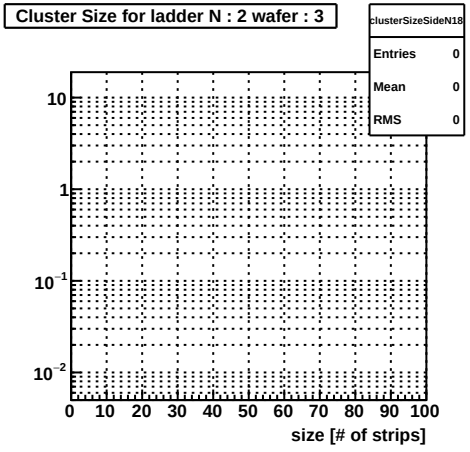

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

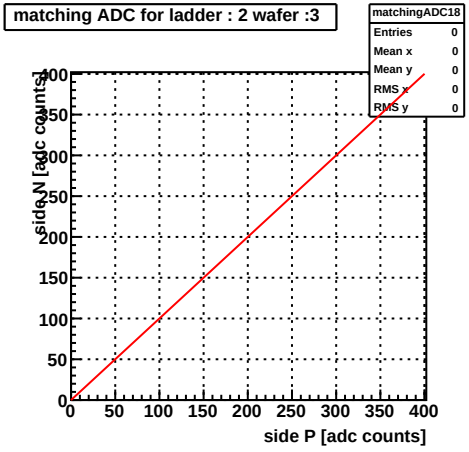

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

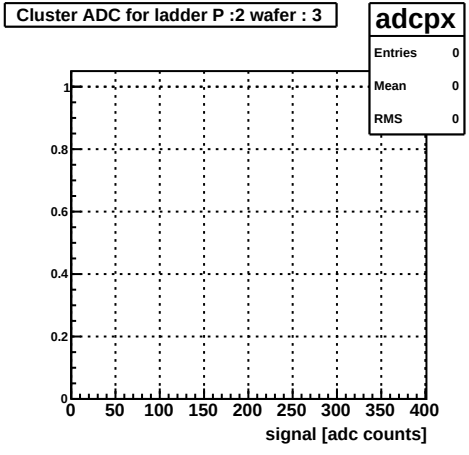

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

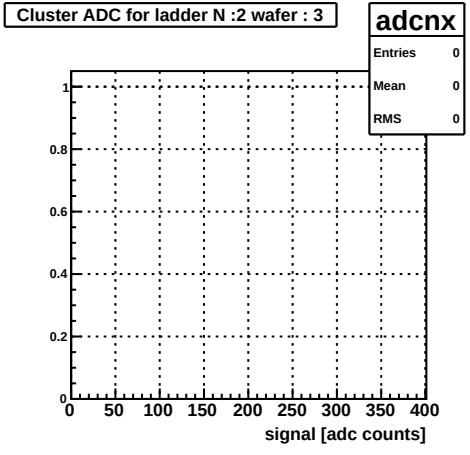

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

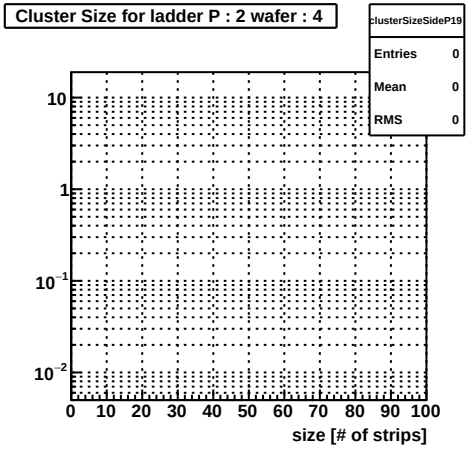

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

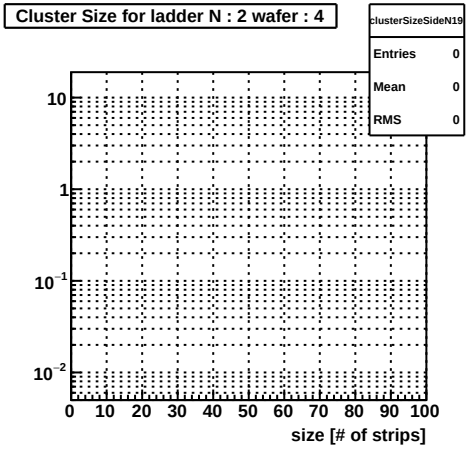

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

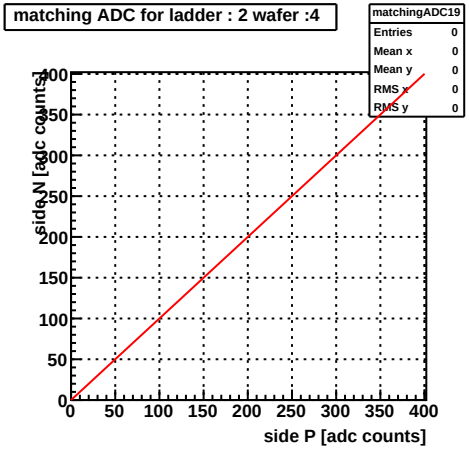

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

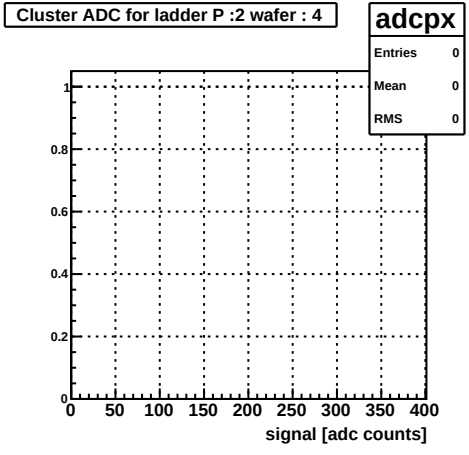

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

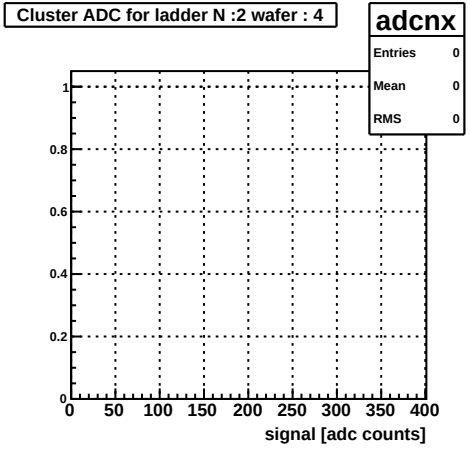

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

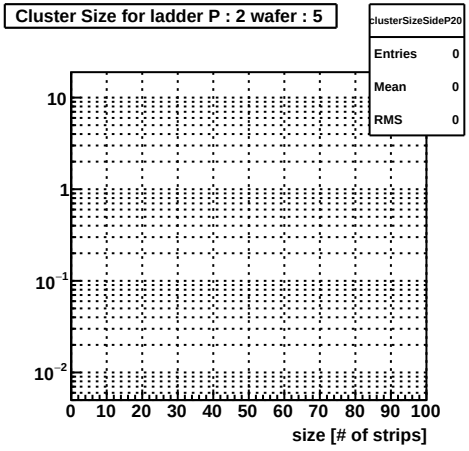

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

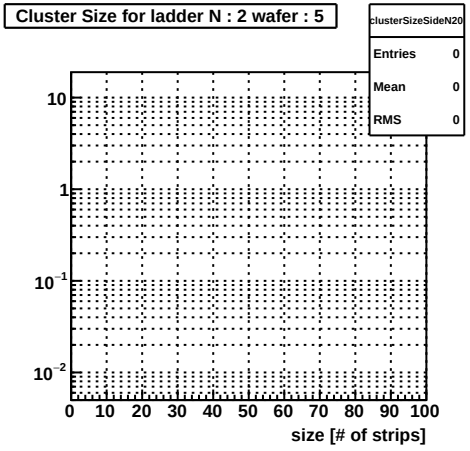

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

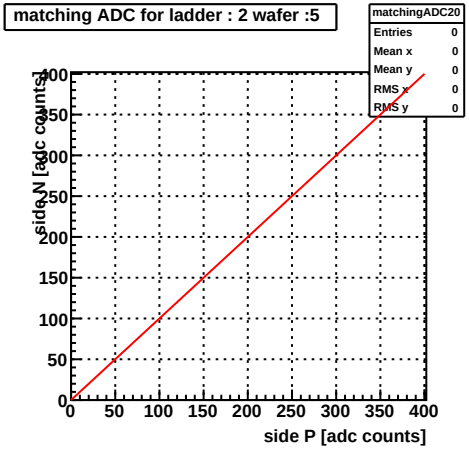

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

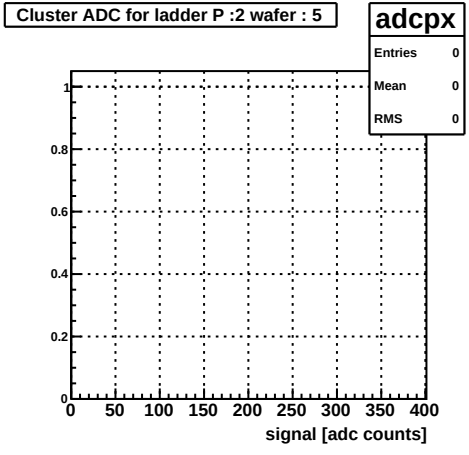

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

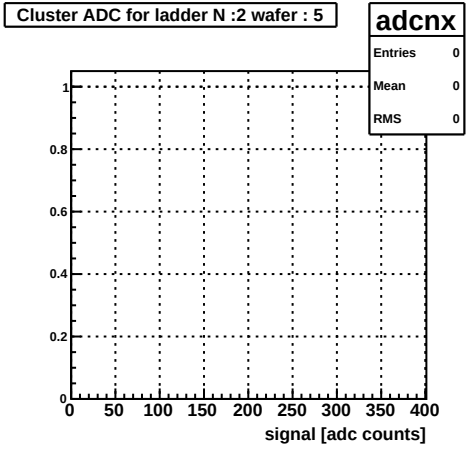

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

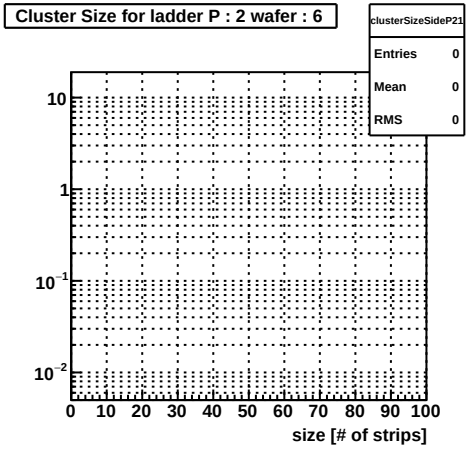

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

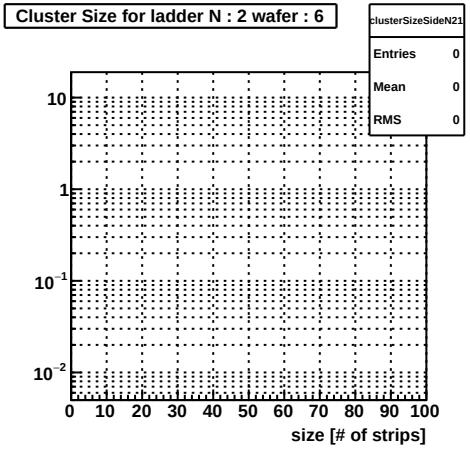

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

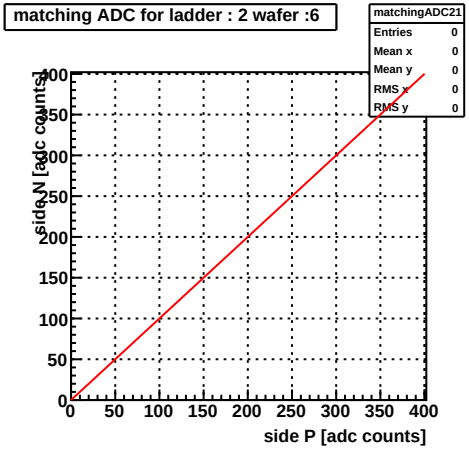

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

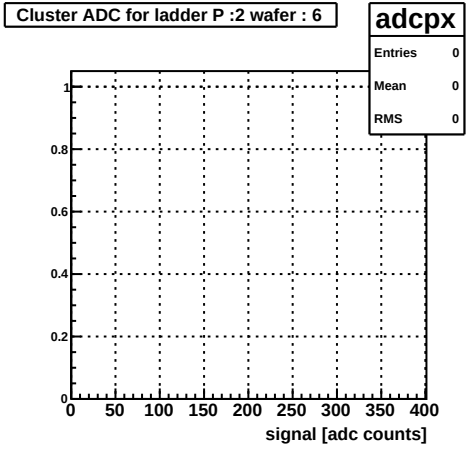

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

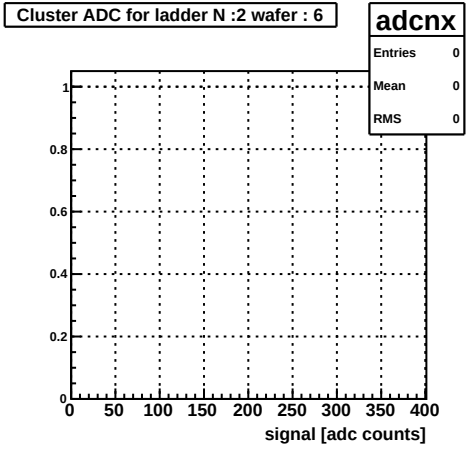

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

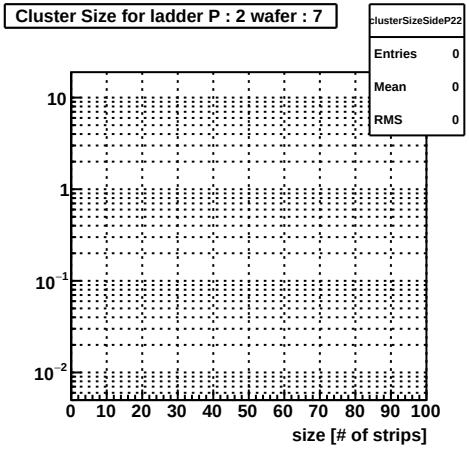

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

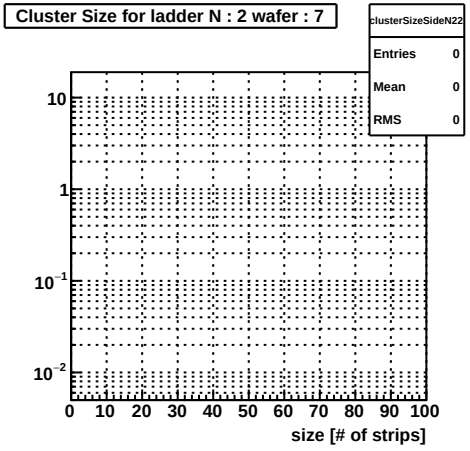

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

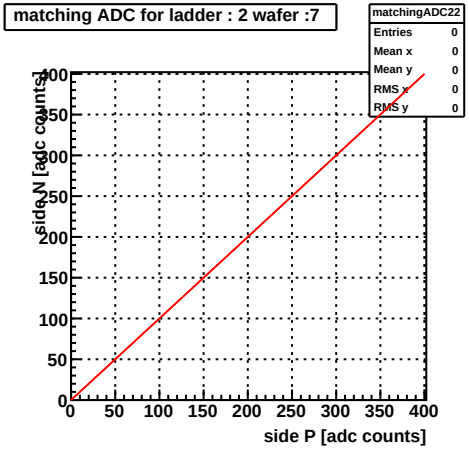

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

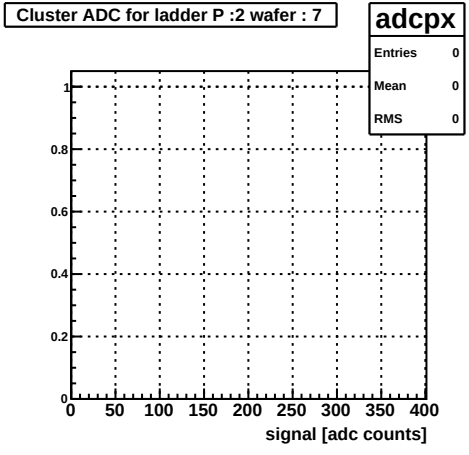

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

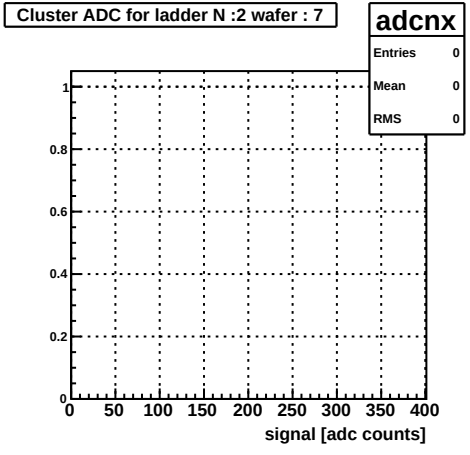

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

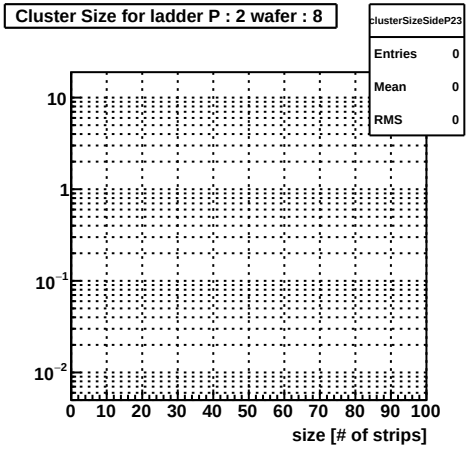

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

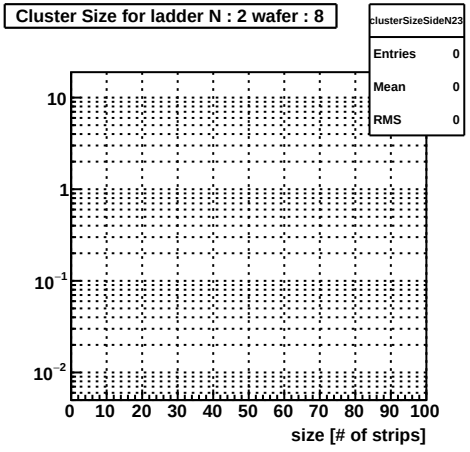

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

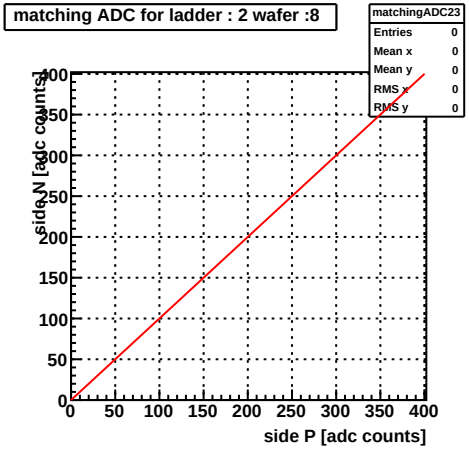

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

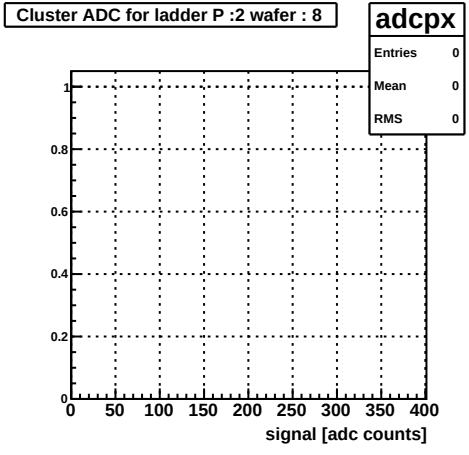

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

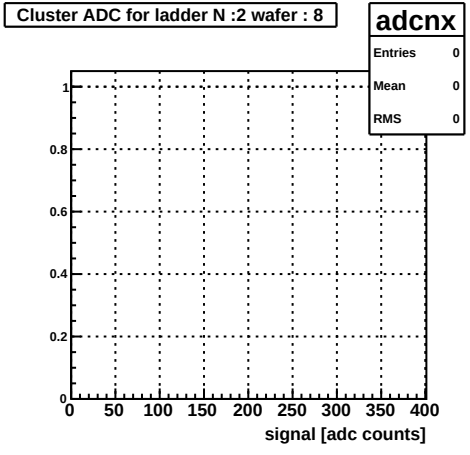

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

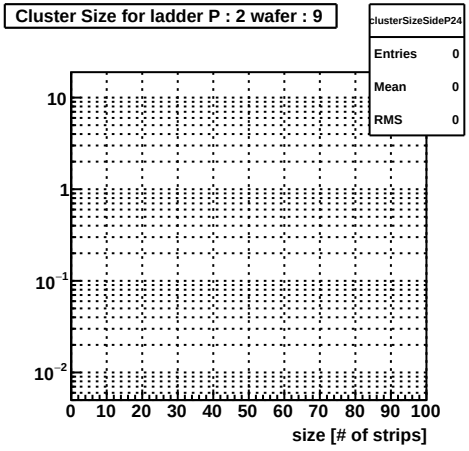

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

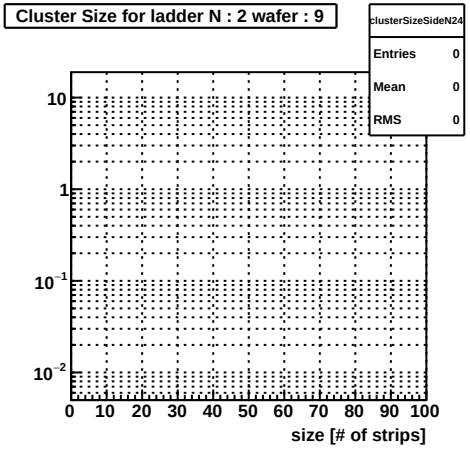

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

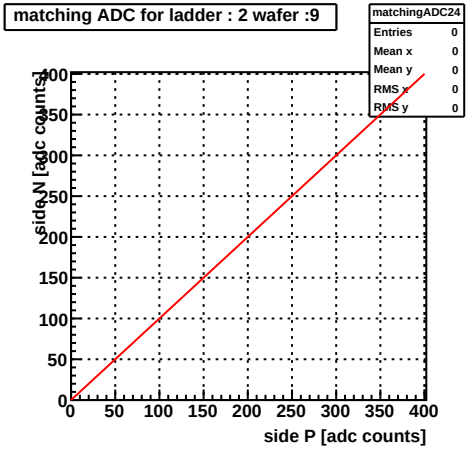

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

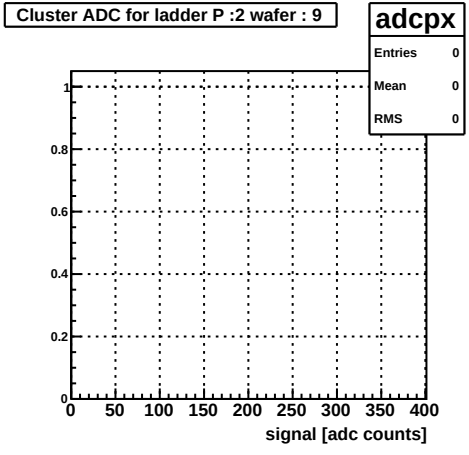

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

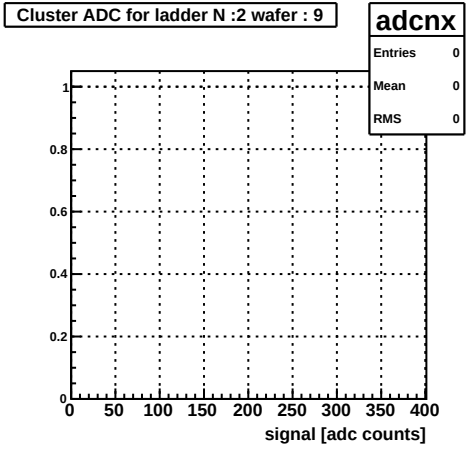

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

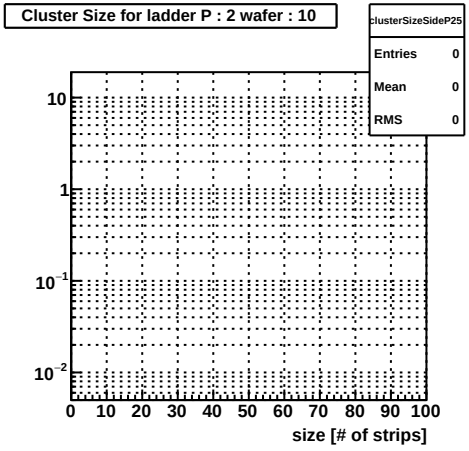

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

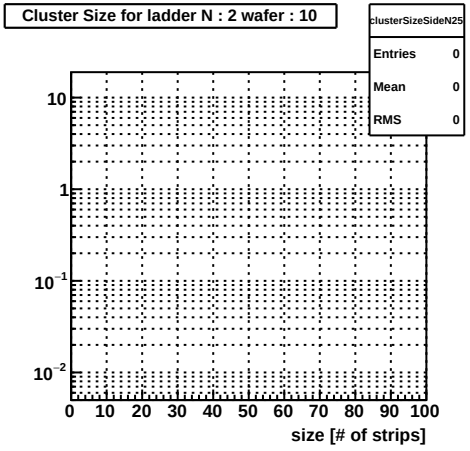

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

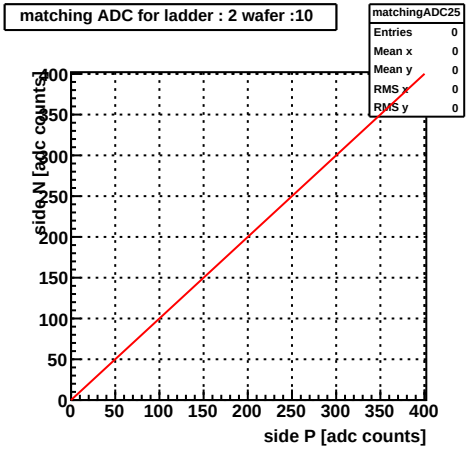

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

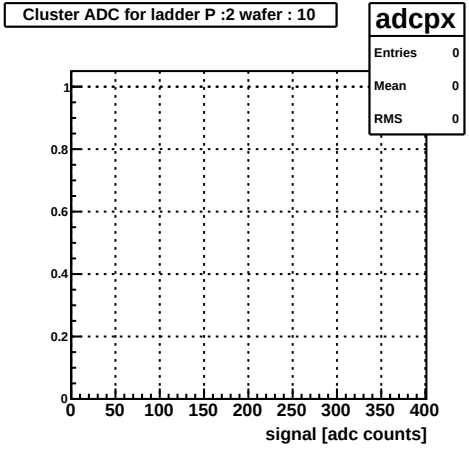

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

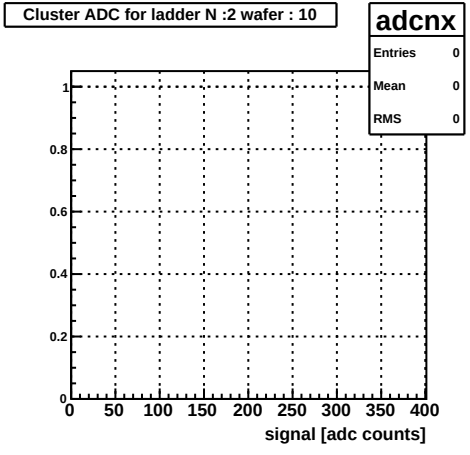

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

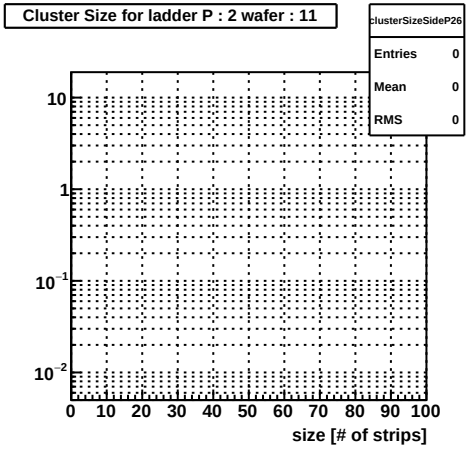

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

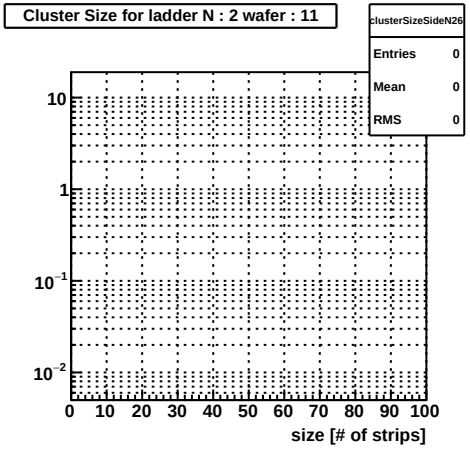

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

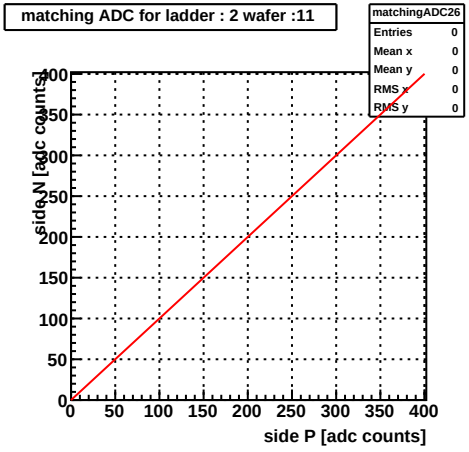

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

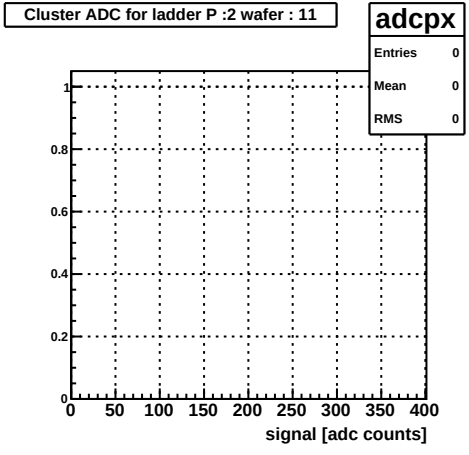

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

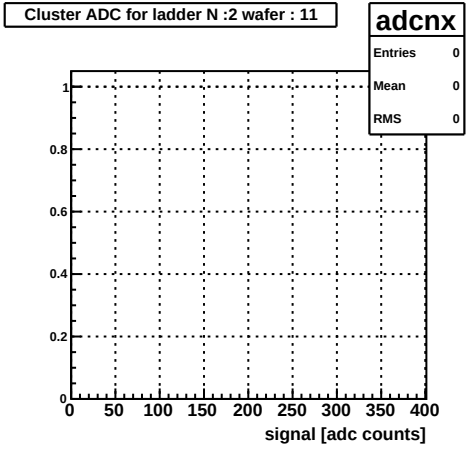

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

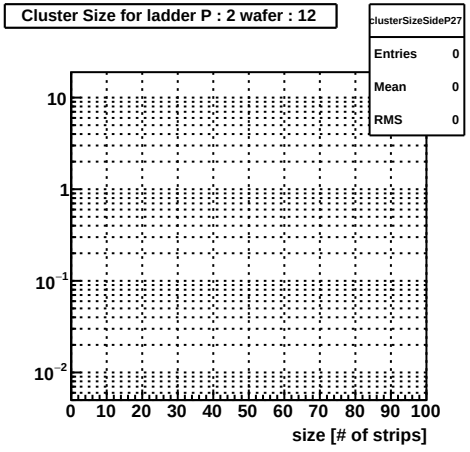

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

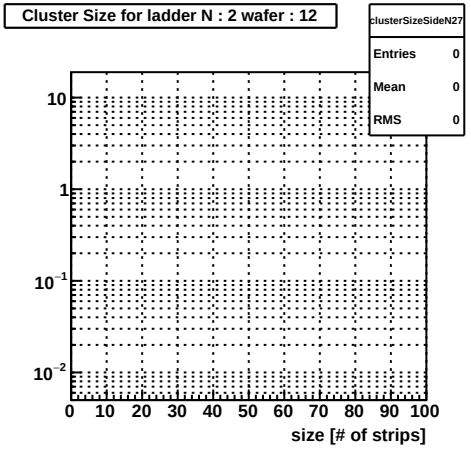

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

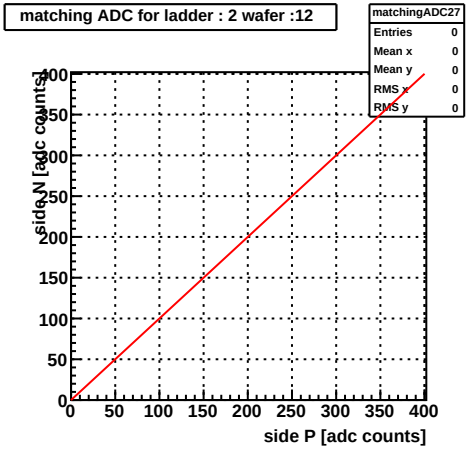

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

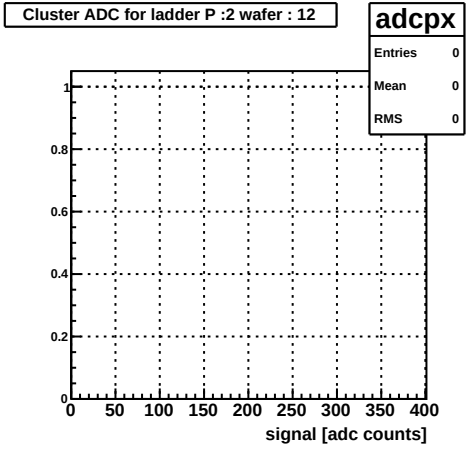

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

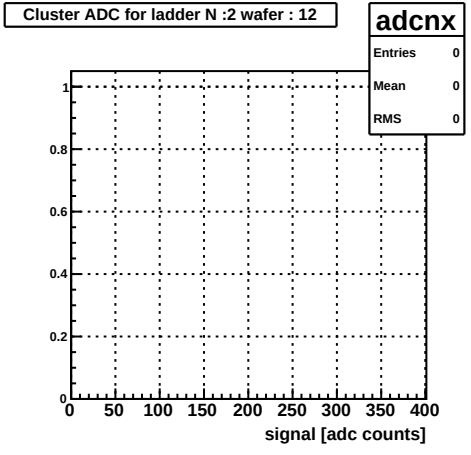

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

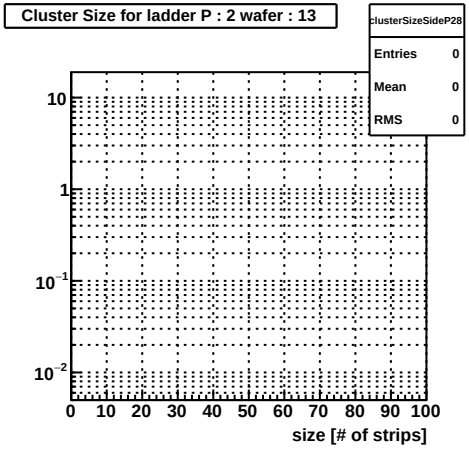

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

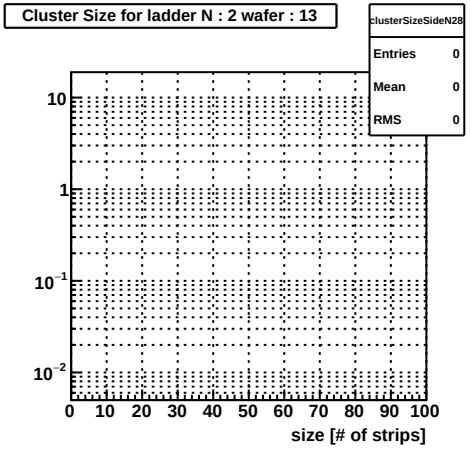

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

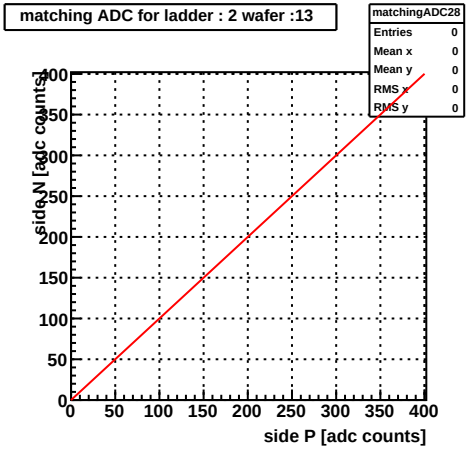

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

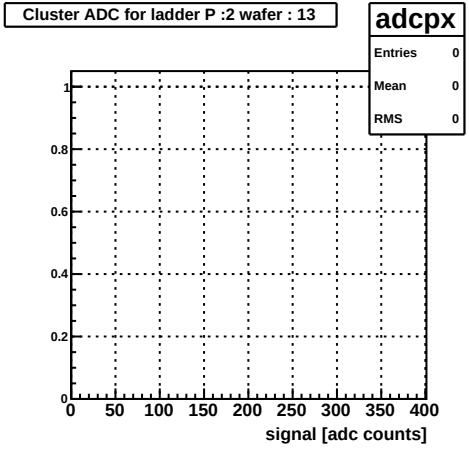

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

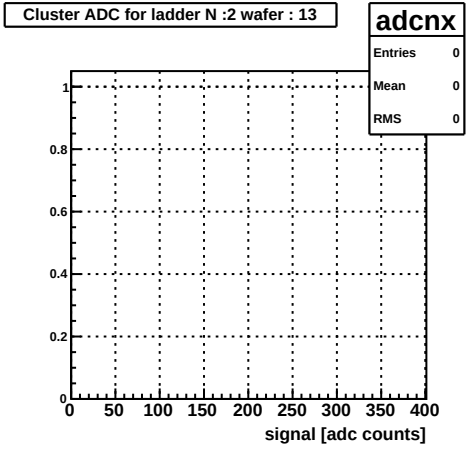

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

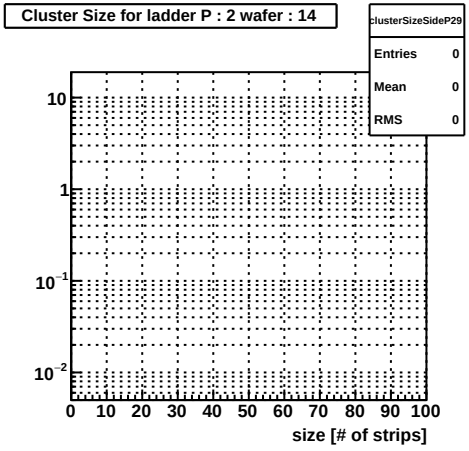

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

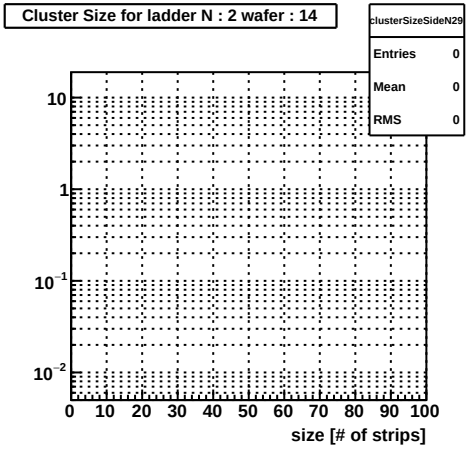

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

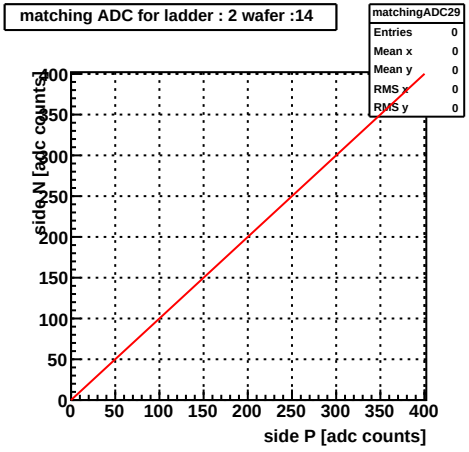

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

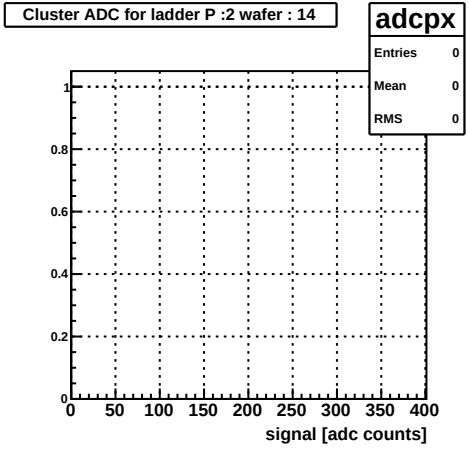

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

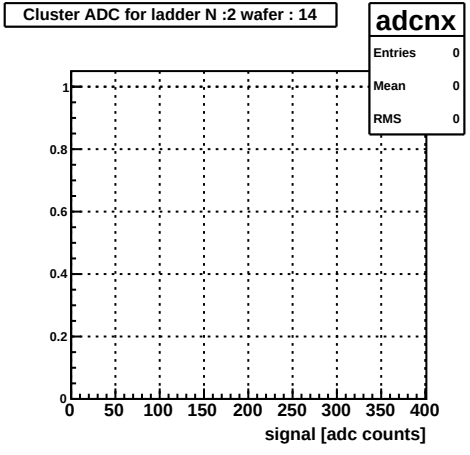

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

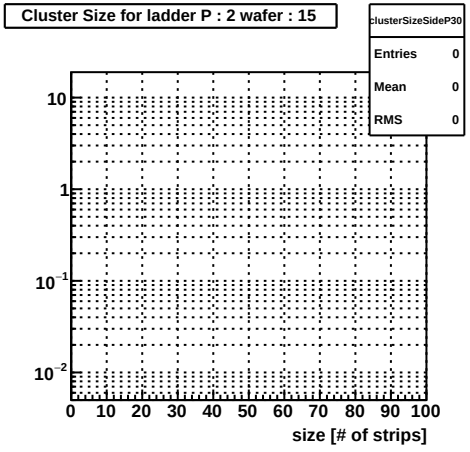

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

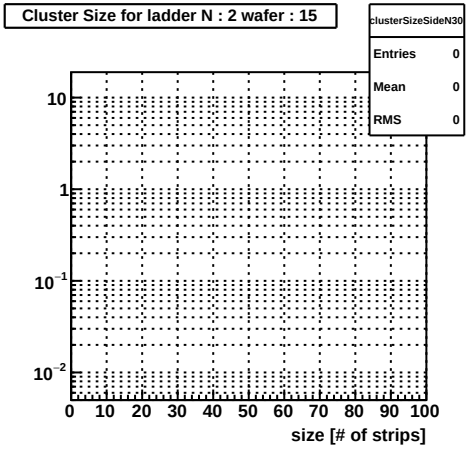

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

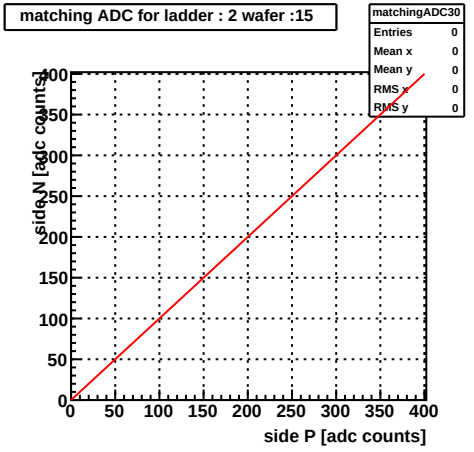

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

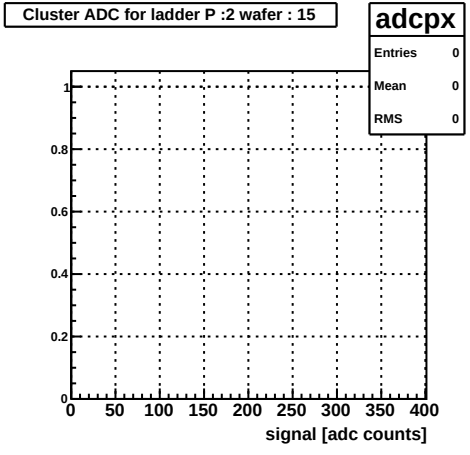

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

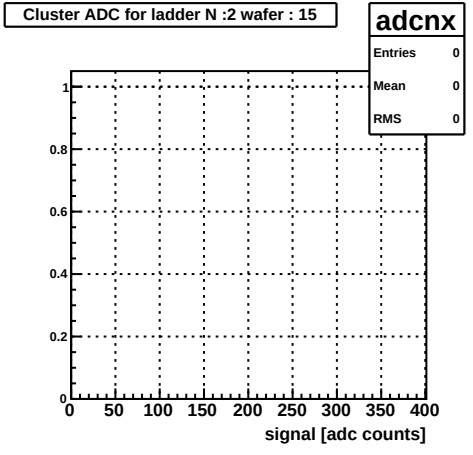

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

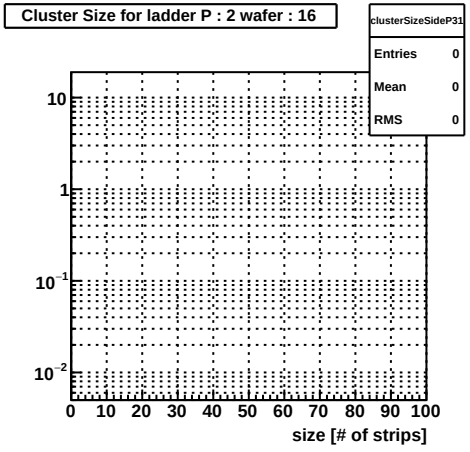

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

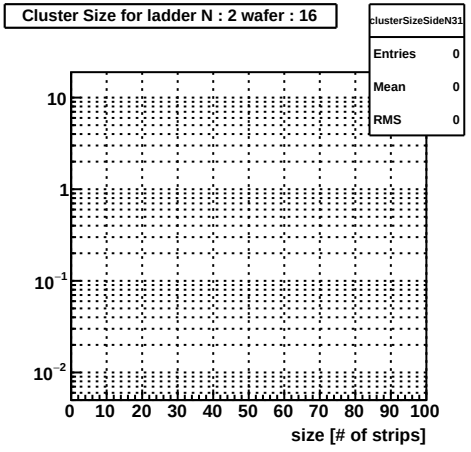

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

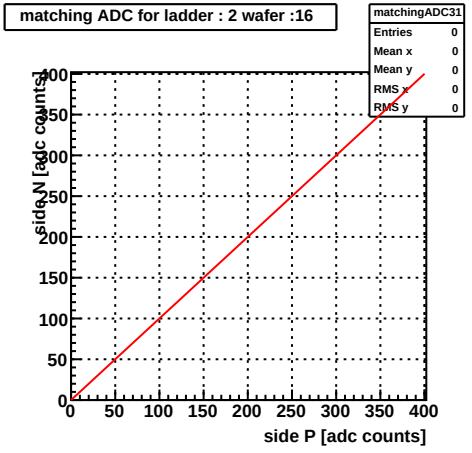

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

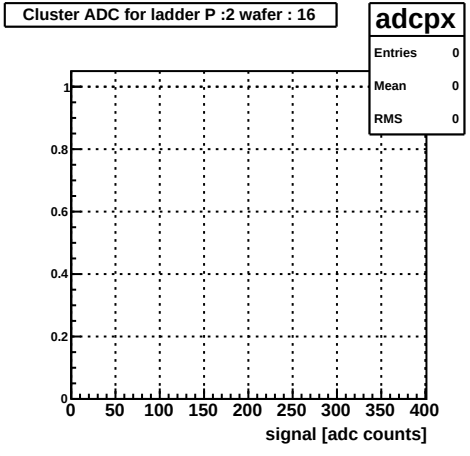

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

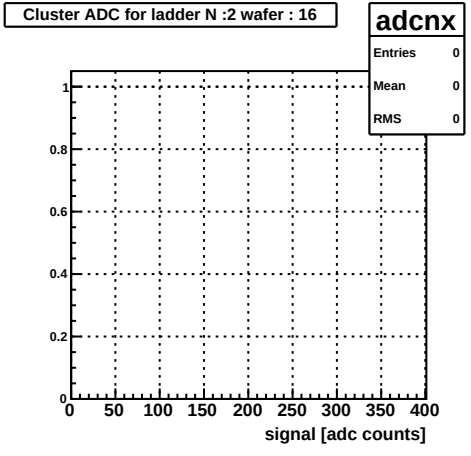

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

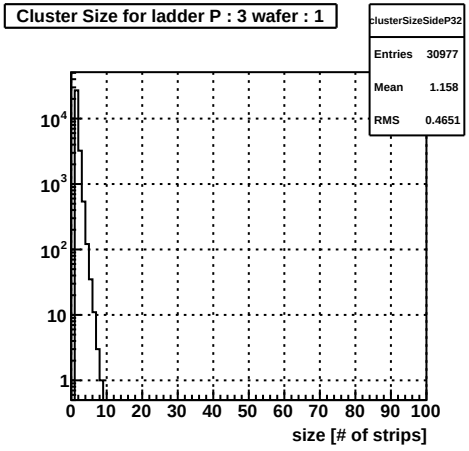

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

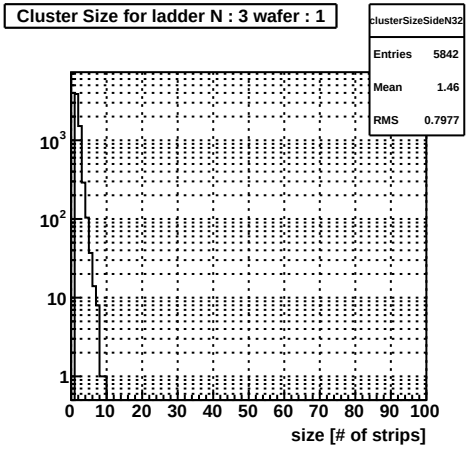

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

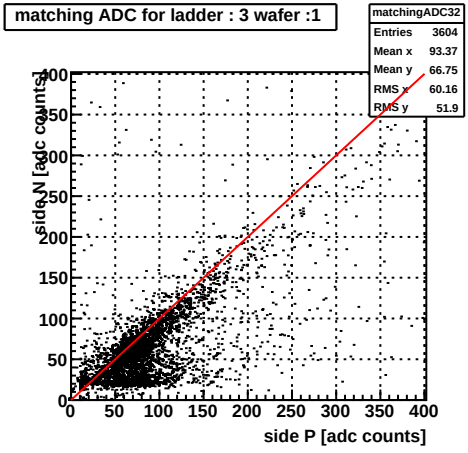

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

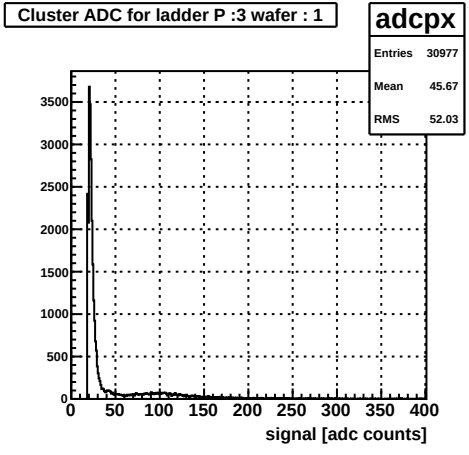

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

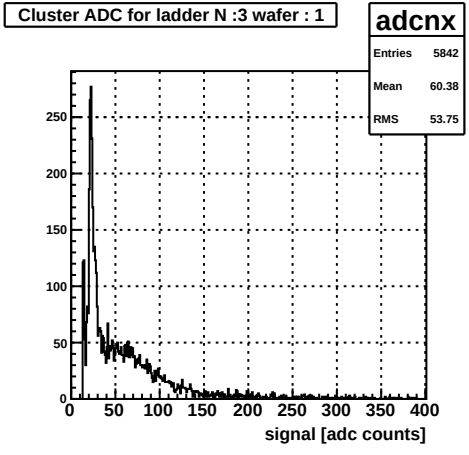

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

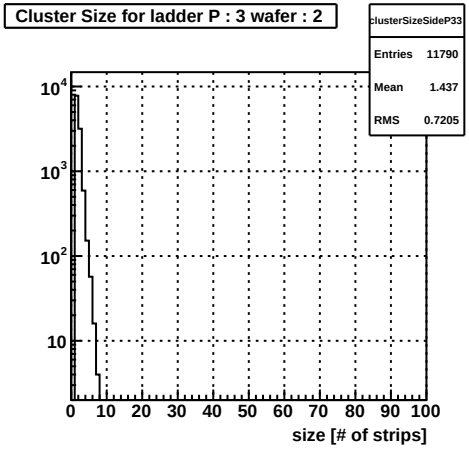

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 30977
Mean 1.158
RMS 0.4651
size [# of strips]

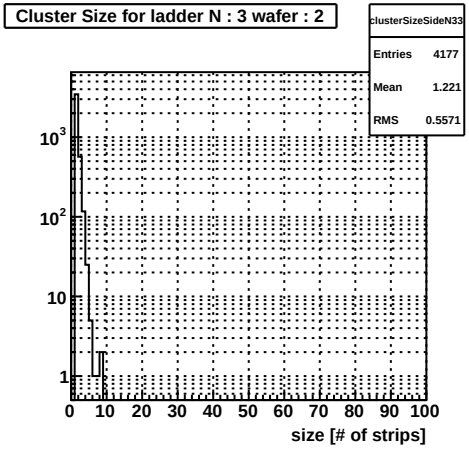

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 5842
Mean 1.46
RMS 0.7977
size [# of strips]

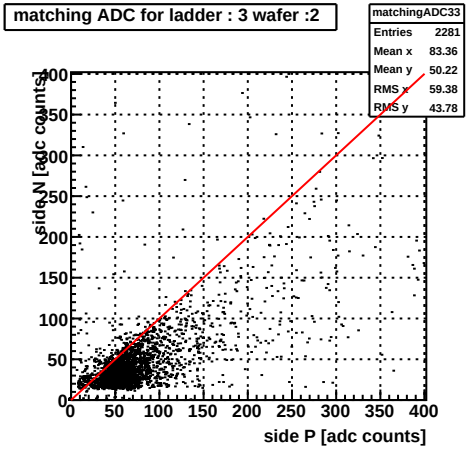

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3604
Mean x 93.37
Mean y 66.75
RMS x 60.16
RMS y 51.9
side N [adc counts]
side P [adc counts]

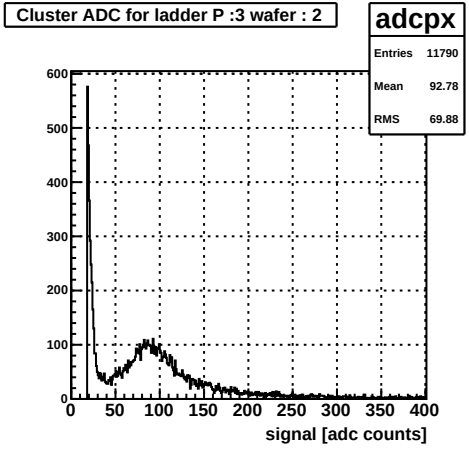

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 30977
Mean 45.67
RMS 52.03
signal [adc counts]

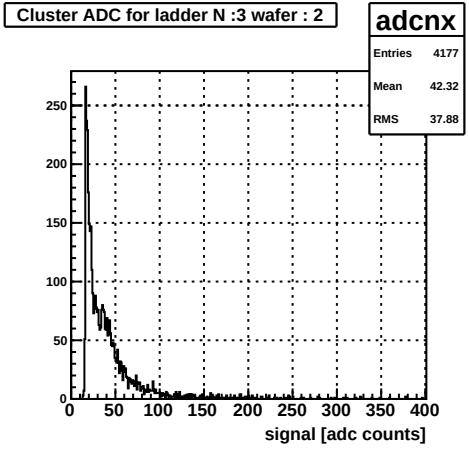

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 5842
Mean 60.38
RMS 53.75
signal [adc counts]

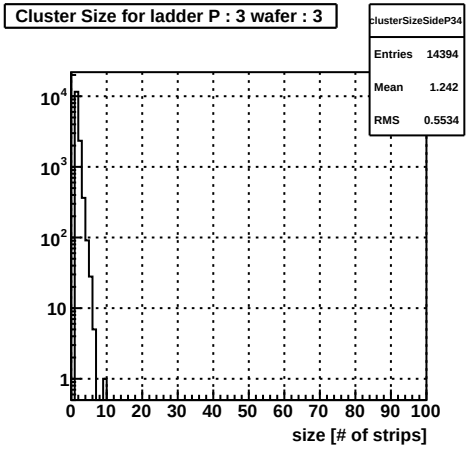

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 11790
Mean 1.437
RMS 0.7205
size [# of strips]

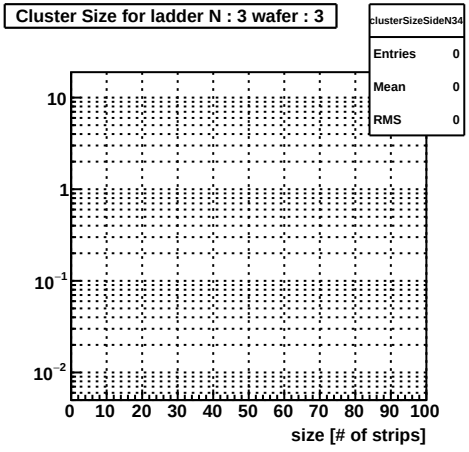

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 4177
Mean 1.221
RMS 0.5571
size [# of strips]

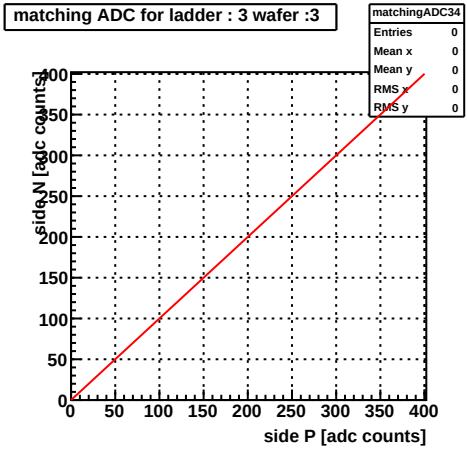

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2281
Mean x 83.36
Mean y 50.22
RMS x 59.38
RMS y 43.78
side N [adc counts]
side P [adc counts]

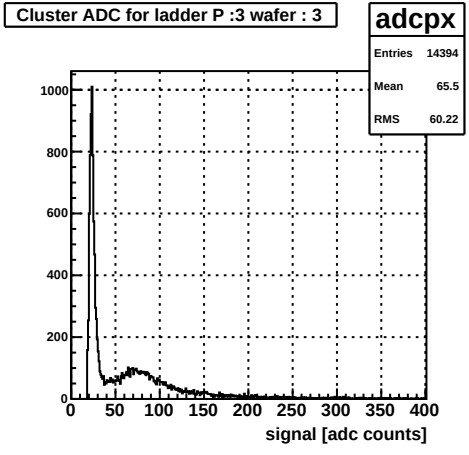

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 11790
Mean 92.78
RMS 69.88
signal [adc counts]

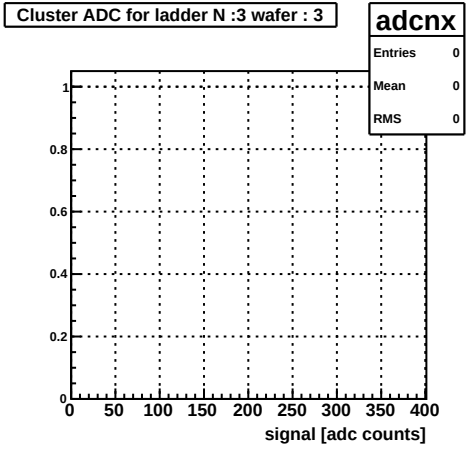

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 4177
Mean 42.32
RMS 37.88
signal [adc counts]

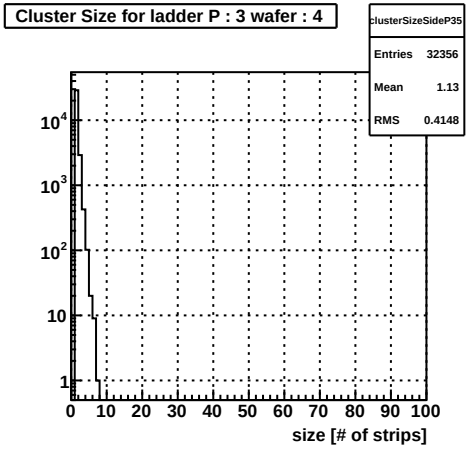

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 14394
Mean 1.242
RMS 0.5534
size [# of strips]

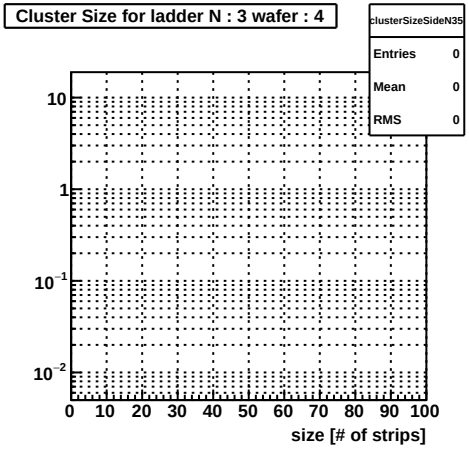

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

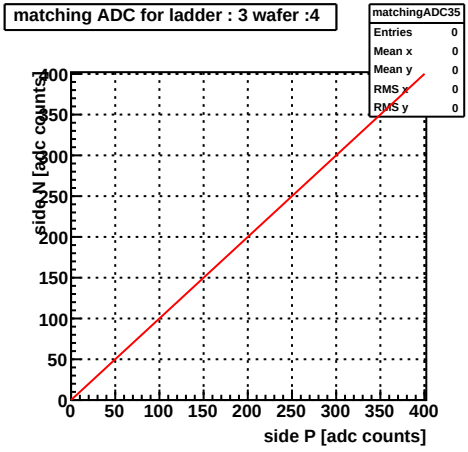

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

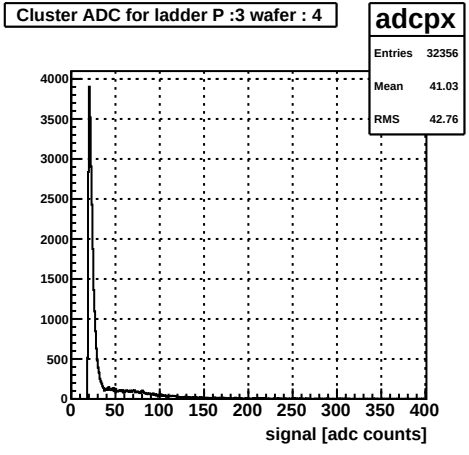

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 14394
Mean 65.5
RMS 60.22
signal [adc counts]

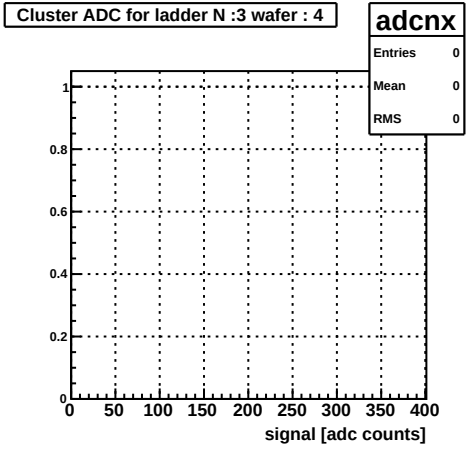

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

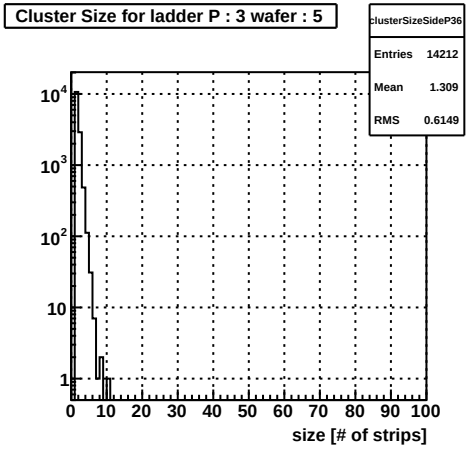

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 32356
Mean 1.13
RMS 0.4148
size [# of strips]

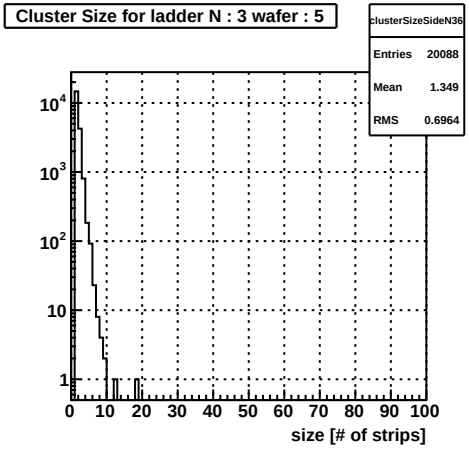

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

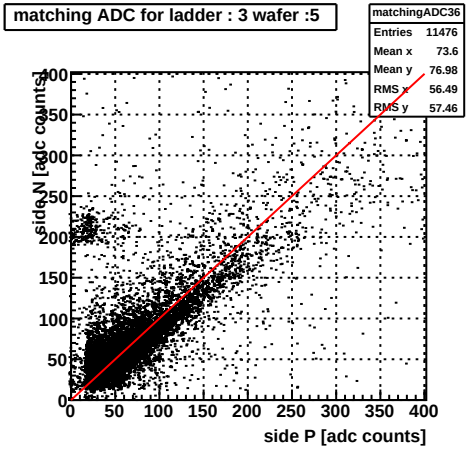

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

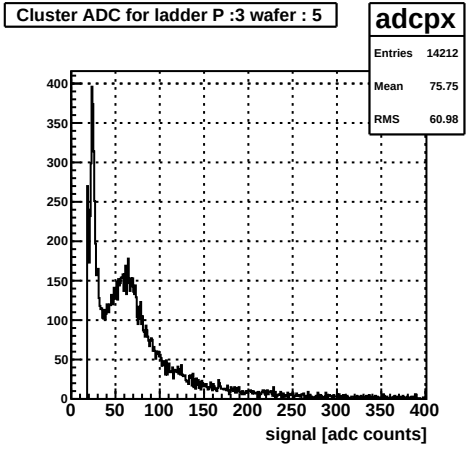

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 32356
Mean 41.03
RMS 42.76
signal [adc counts]

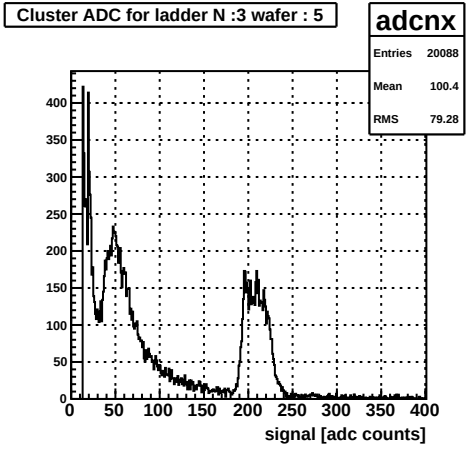

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

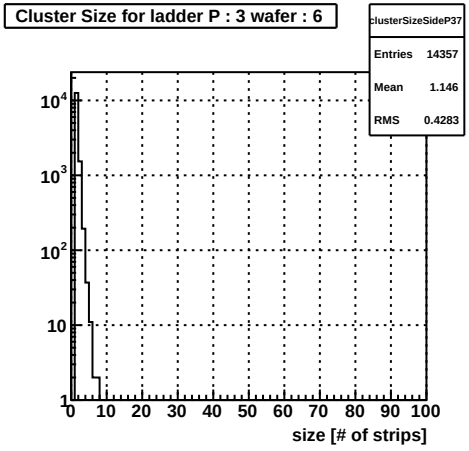

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 14212
Mean 1.309
RMS 0.6149
size [# of strips]

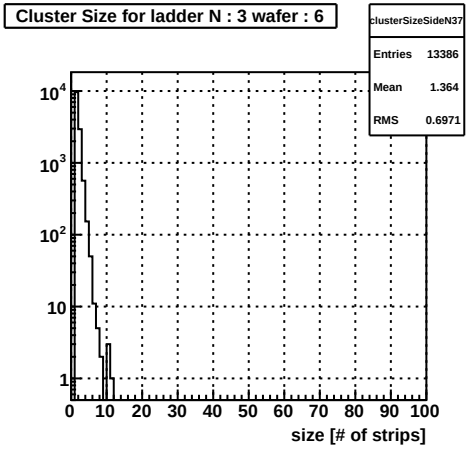

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 20088
Mean 1.349
RMS 0.6964
size [# of strips]

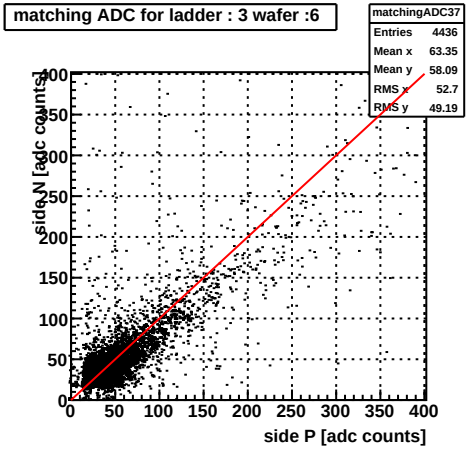

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 11476
Mean x 73.6
Mean y 76.98
RMS x 56.49
RMS y 57.46
side N [adc counts]
side P [adc counts]

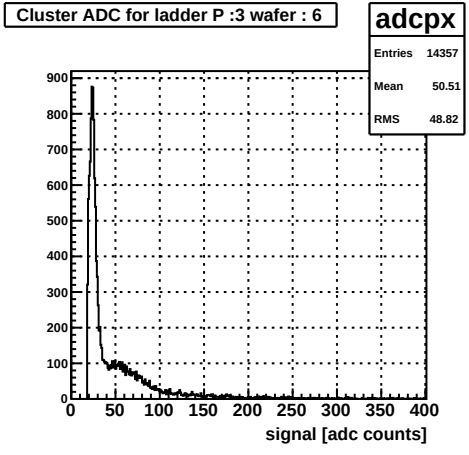

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 14212
Mean 75.75
RMS 60.98
signal [adc counts]

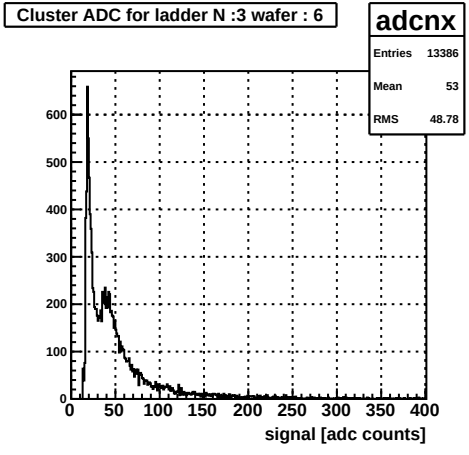

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 20088
Mean 100.4
RMS 79.28
signal [adc counts]

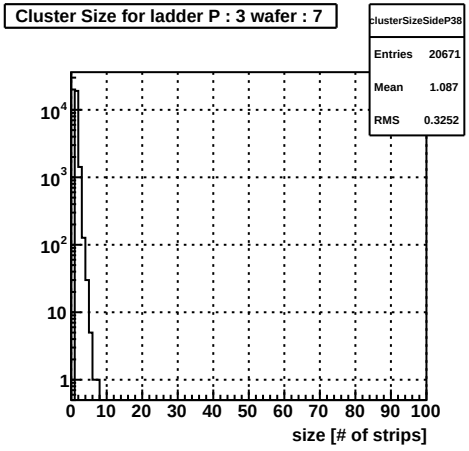

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 14357
Mean 1.146
RMS 0.4283
size [# of strips]

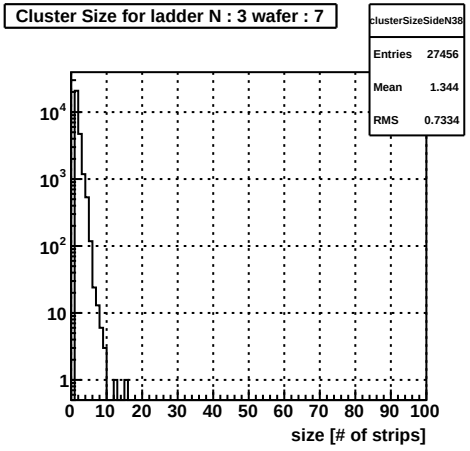

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 13386
Mean 1.364
RMS 0.6971
size [# of strips]

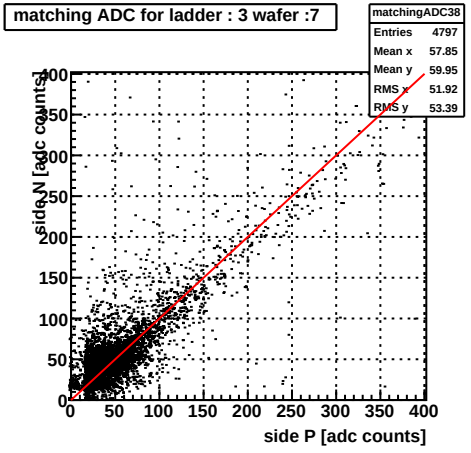

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4436
Mean x 63.35
Mean y 58.09
RMS x 52.7
RMS y 49.19
side N [adc counts]
side P [adc counts]

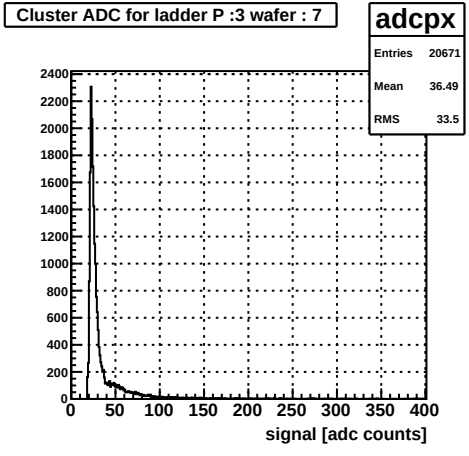

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 14357
Mean 50.51
RMS 48.82
signal [adc counts]

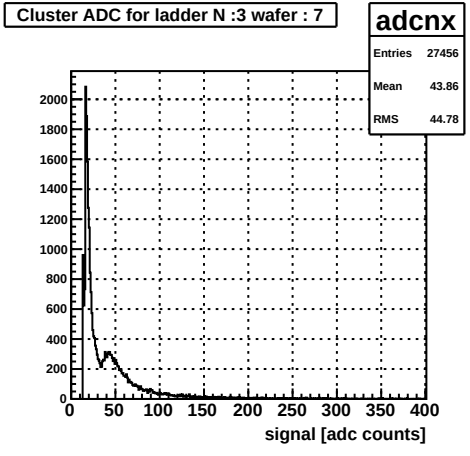

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 13386
Mean 53
RMS 48.78
signal [adc counts]

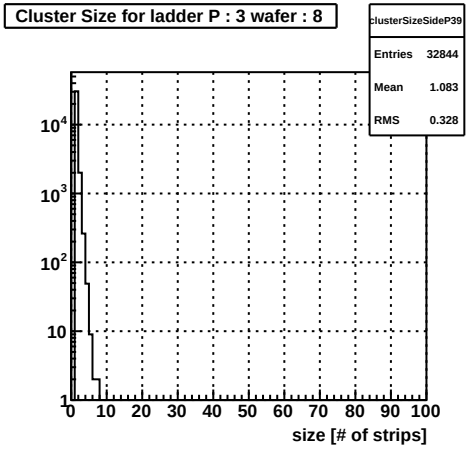

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 20671
Mean 1.087
RMS 0.3252
size [# of strips]

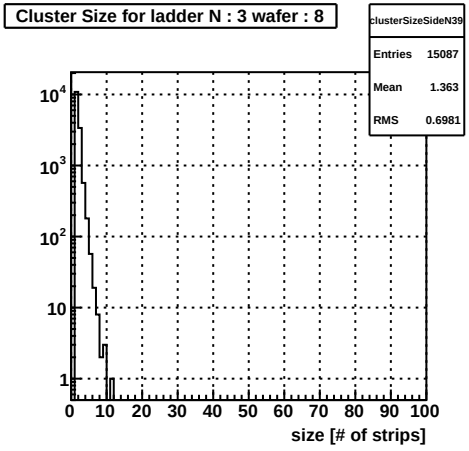

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 27456
Mean 1.344
RMS 0.7334
size [# of strips]

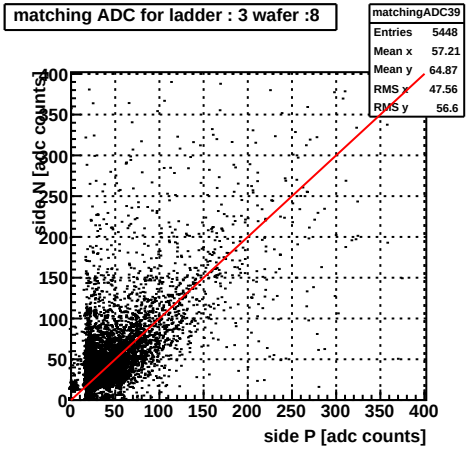

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4797
Mean x 57.85
Mean y 59.95
RMS x 51.92
RMS y 53.39
side N [adc counts]
side P [adc counts]

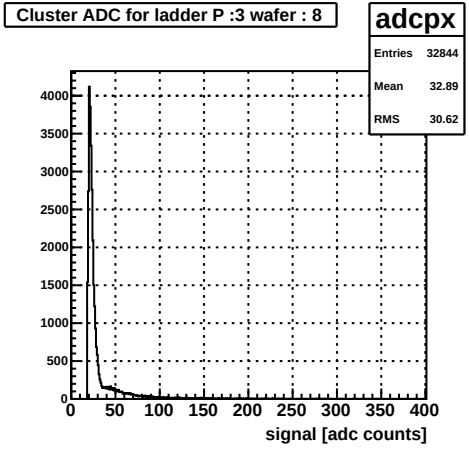

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 20671
Mean 36.49
RMS 33.5
signal [adc counts]

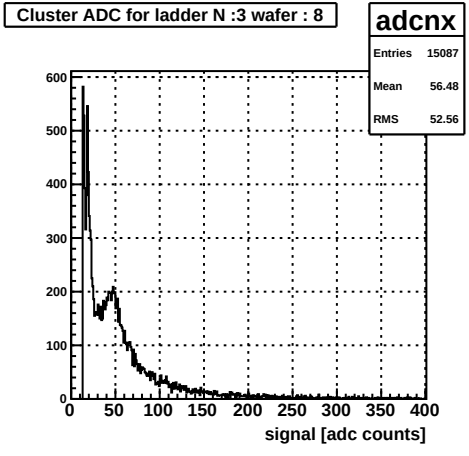

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 27456
Mean 43.86
RMS 44.78
signal [adc counts]

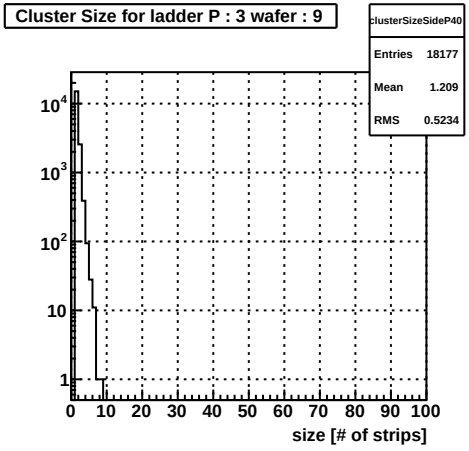

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 32844
Mean 1.083
RMS 0.328
size [# of strips]

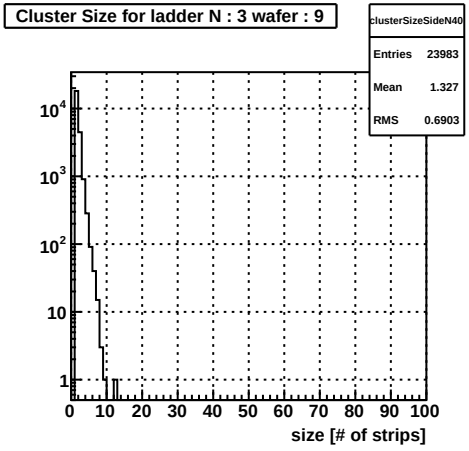

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 15087
Mean 1.363
RMS 0.6981
size [# of strips]

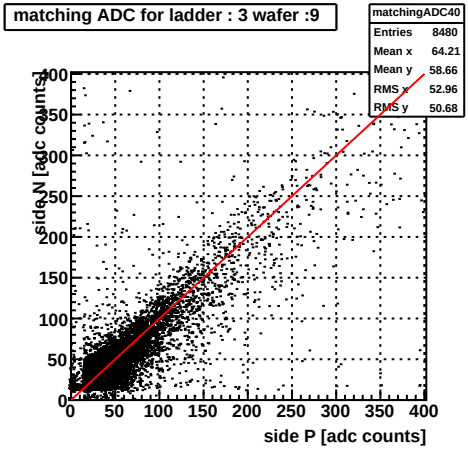

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 5448
Mean x 57.21
Mean y 64.87
RMS x 47.56
RMS y 56.6
side N [adc counts]
side P [adc counts]

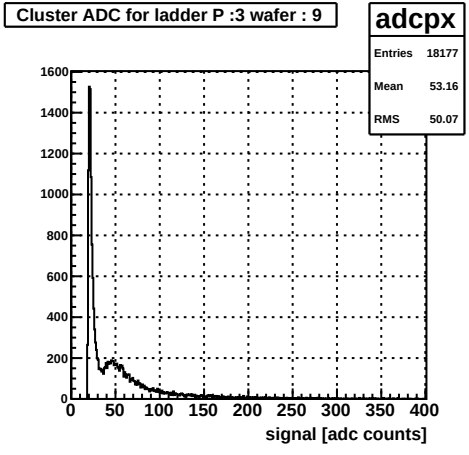

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 32844
Mean 32.89
RMS 30.62
signal [adc counts]

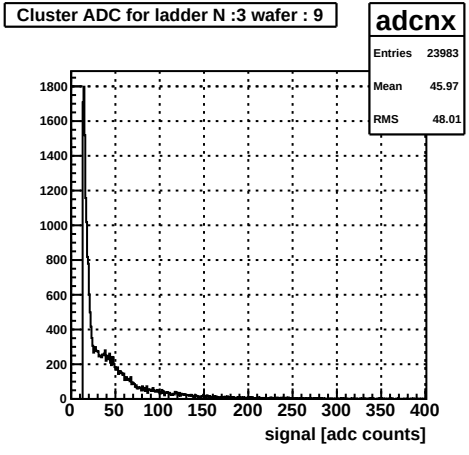

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 15087
Mean 56.48
RMS 52.56
signal [adc counts]

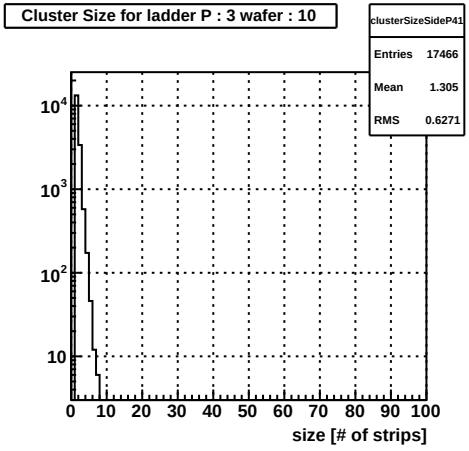

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 18177
Mean 1.209
RMS 0.5234
size [# of strips]

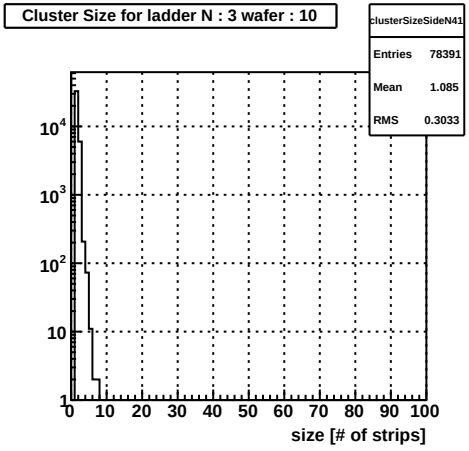

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 23983
Mean 1.327
RMS 0.6903
size [# of strips]

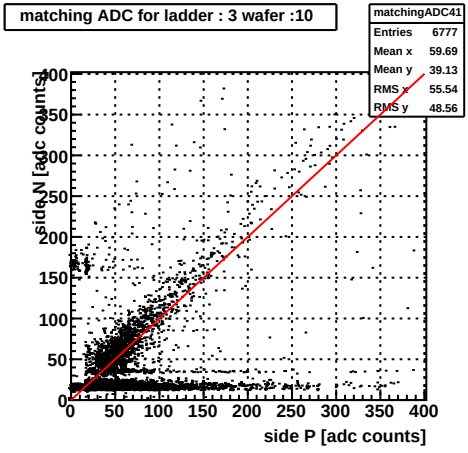

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 8480
Mean x 64.21
Mean y 58.66
RMS x 52.96
RMS y 50.68
side N [adc counts]
side P [adc counts]

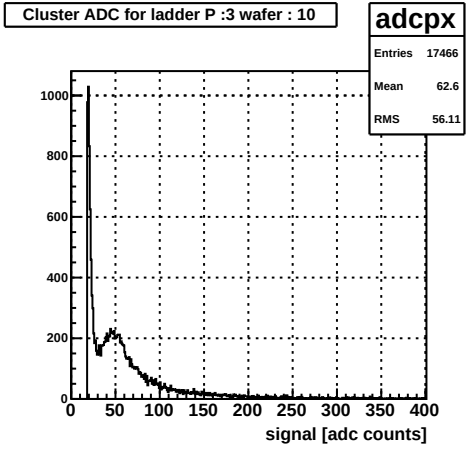

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 18177
Mean 53.16
RMS 50.07
signal [adc counts]

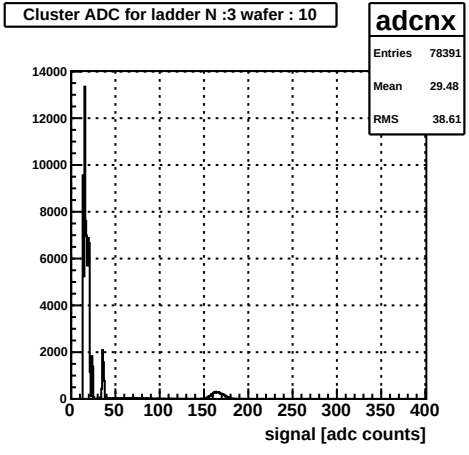

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 23983
Mean 45.97
RMS 48.01
signal [adc counts]

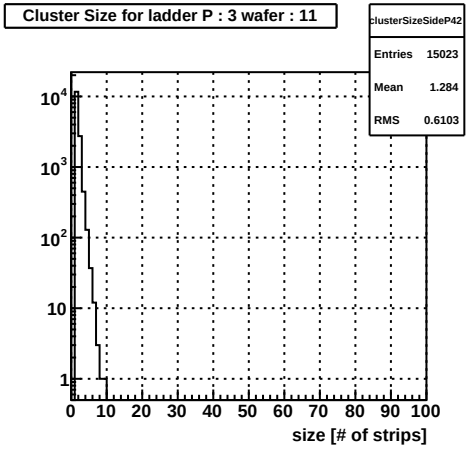

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 17466
Mean 1.305
RMS 0.6271
size [# of strips]

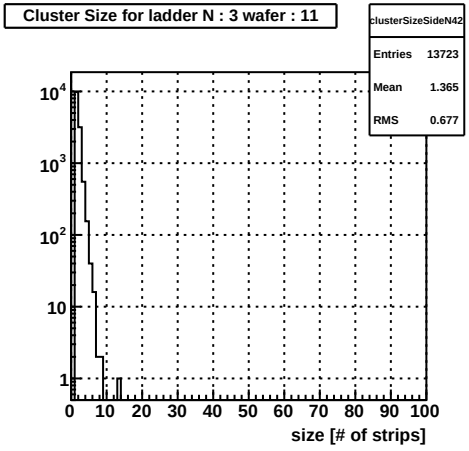

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 78391
Mean 1.085
RMS 0.3033
size [# of strips]

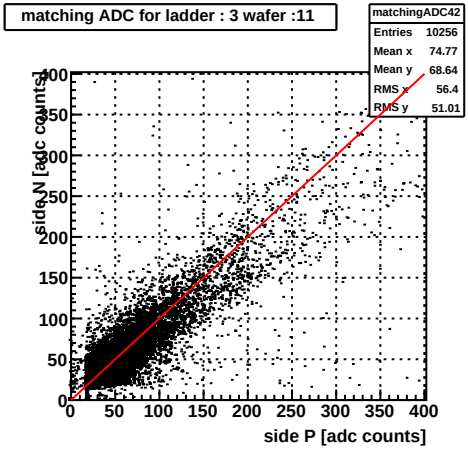

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 6777
Mean x 59.69
Mean y 39.13
RMS x 55.54
RMS y 48.56
side N [adc counts]
side P [adc counts]

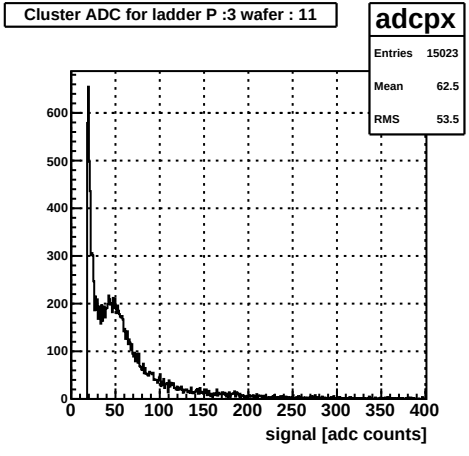

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 17466
Mean 62.6
RMS 56.11
signal [adc counts]

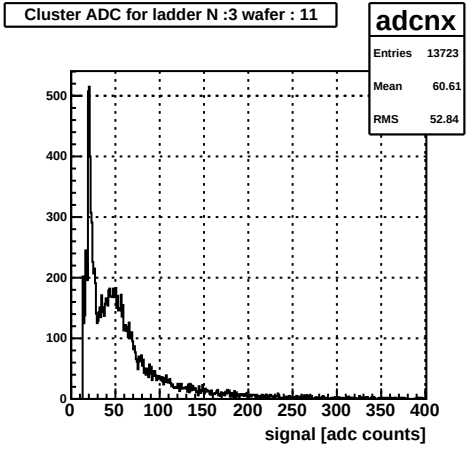

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 78391
Mean 29.48
RMS 38.61
signal [adc counts]

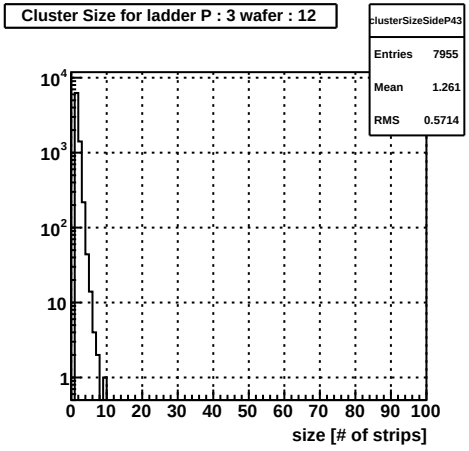

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15023
Mean 1.284
RMS 0.6103
size [# of strips]

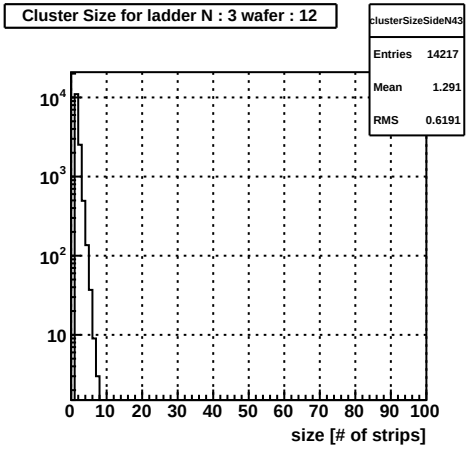

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 13723
Mean 1.365
RMS 0.677
size [# of strips]

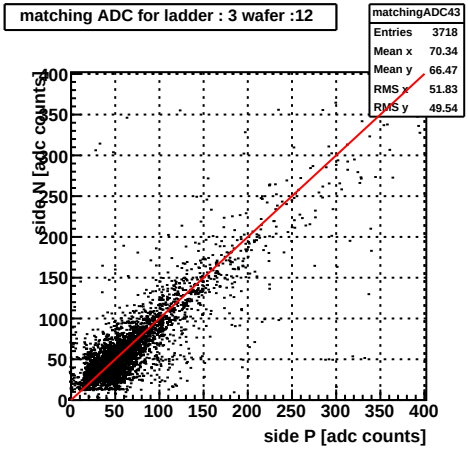

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 10256
Mean x 74.77
Mean y 68.64
RMS x 56.4
RMS y 51.01
side N [adc counts]
side P [adc counts]

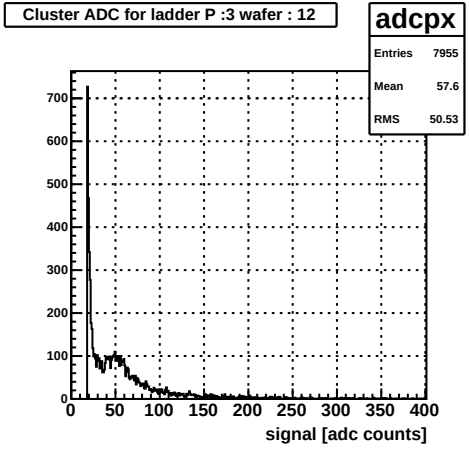

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15023
Mean 62.5
RMS 53.5
signal [adc counts]

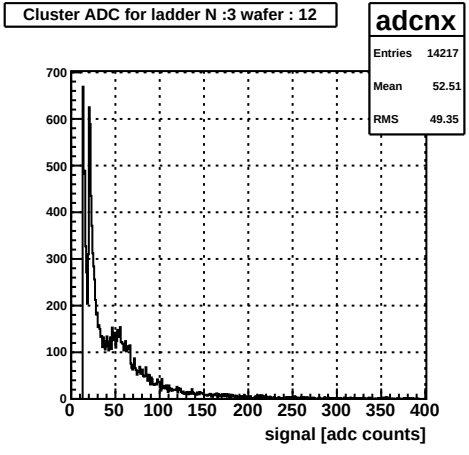

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 13723
Mean 60.61
RMS 52.84
signal [adc counts]

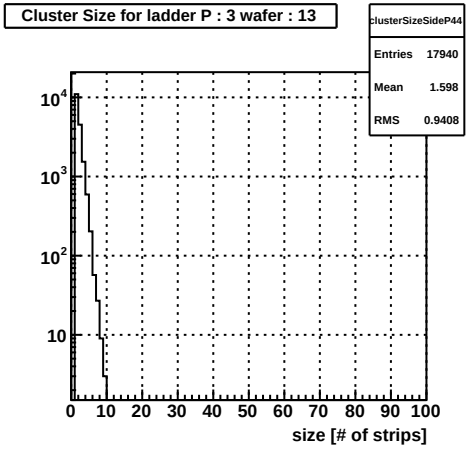

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 7955
Mean 1.261
RMS 0.5714
size [# of strips]

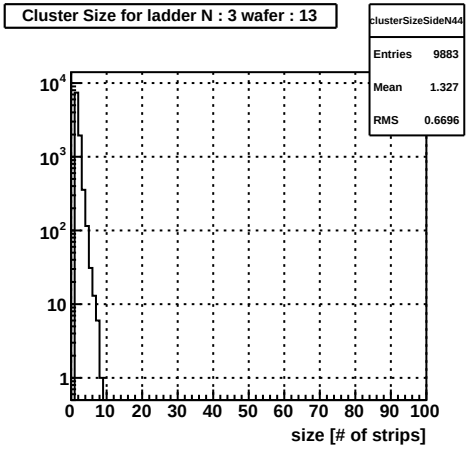

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 14217
Mean 1.291
RMS 0.6191
size [# of strips]

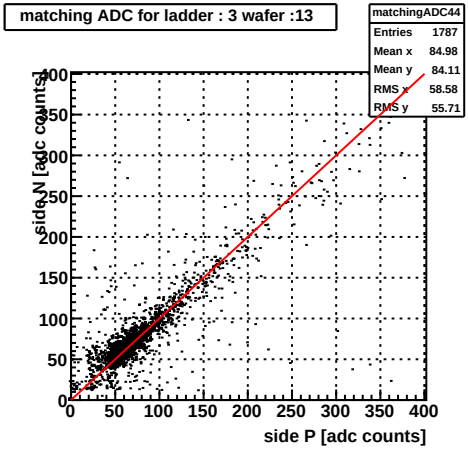

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 3718
Mean x 70.34
Mean y 66.47
RMS x 51.83
RMS y 49.54
side N [adc counts]
side P [adc counts]

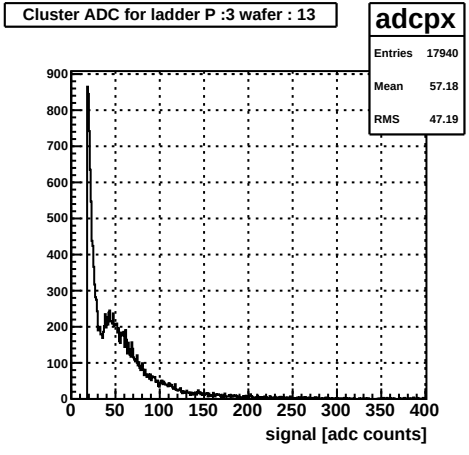

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 7955
Mean 57.6
RMS 50.53
signal [adc counts]

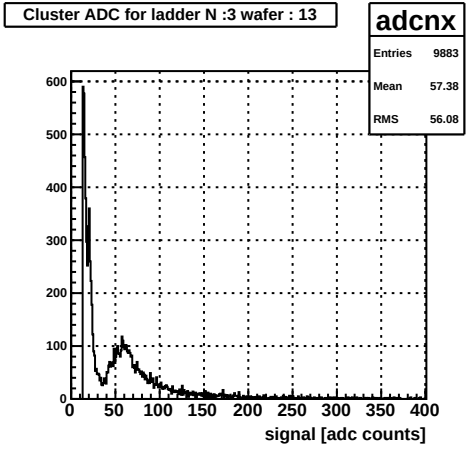

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 14217
Mean 52.51
RMS 49.35
signal [adc counts]

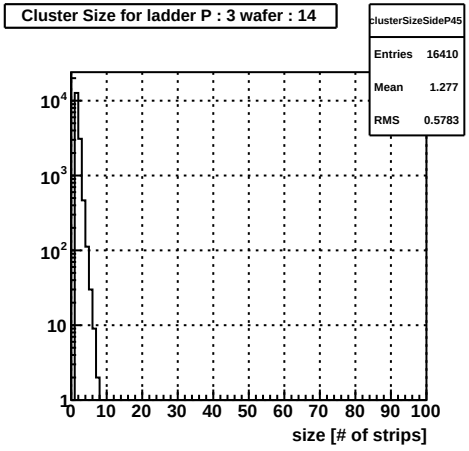

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 17940
Mean 1.598
RMS 0.9408
size [# of strips]

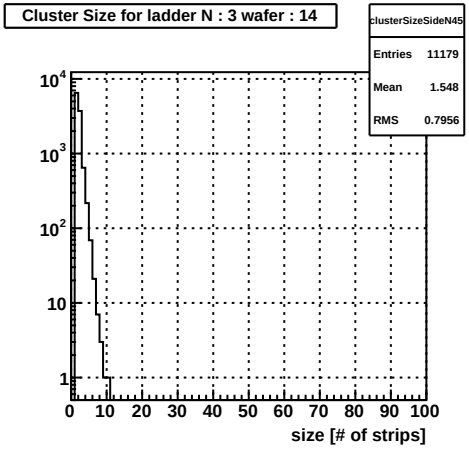

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 9883
Mean 1.327
RMS 0.6696
size [# of strips]

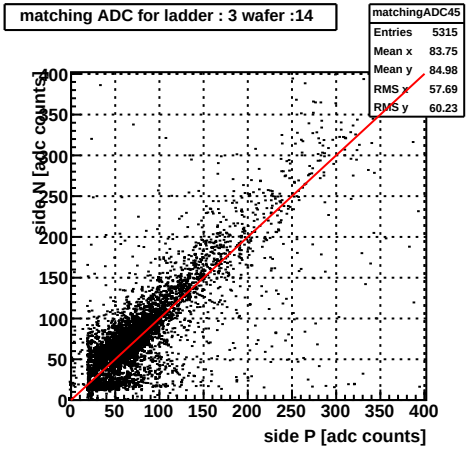

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1787
Mean x 84.98
Mean y 84.11
RMS x 58.58
RMS y 55.71
side N [adc counts]
side P [adc counts]

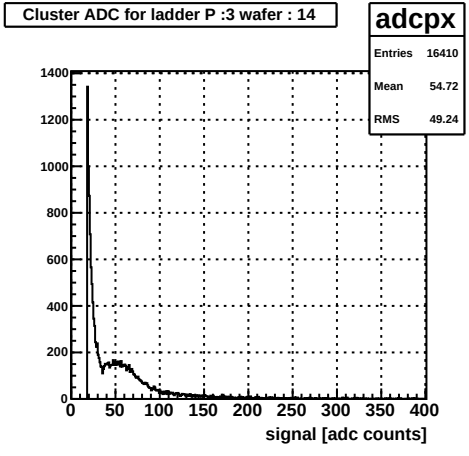

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 17940
Mean 57.18
RMS 47.19
signal [adc counts]

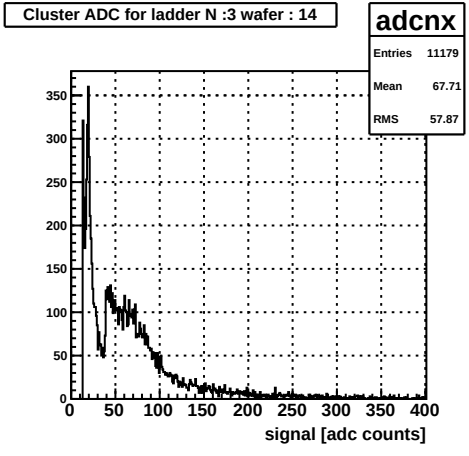

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 9883
Mean 57.38
RMS 56.08
signal [adc counts]

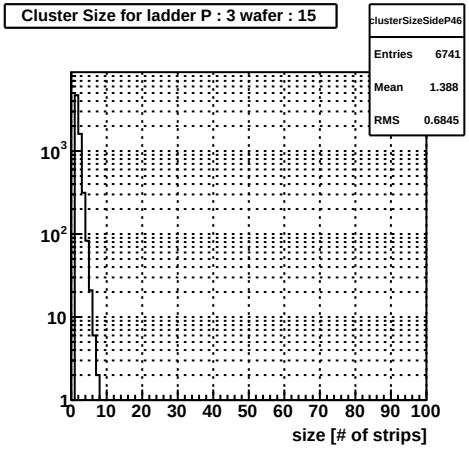

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 16410
Mean 1.277
RMS 0.5783
size [# of strips]

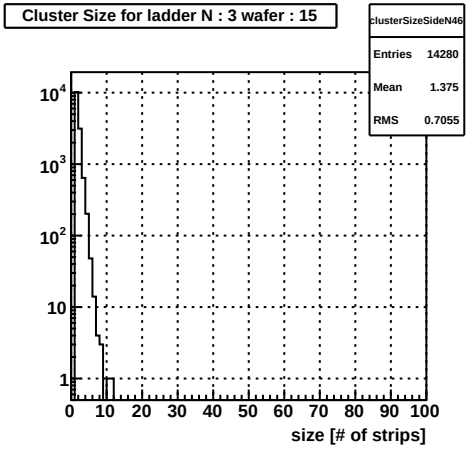

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 11179
Mean 1.548
RMS 0.7956
size [# of strips]

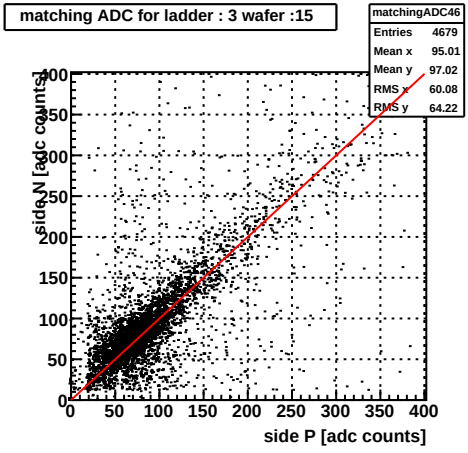

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5315
Mean x 83.75
Mean y 84.98
RMS x 57.69
RMS y 60.23
side N [adc counts]
side P [adc counts]

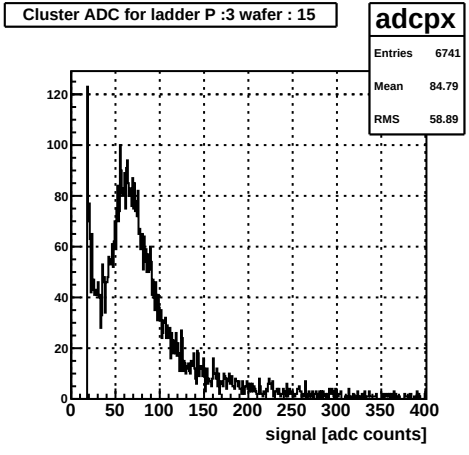

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 16410
Mean 54.72
RMS 49.24
signal [adc counts]

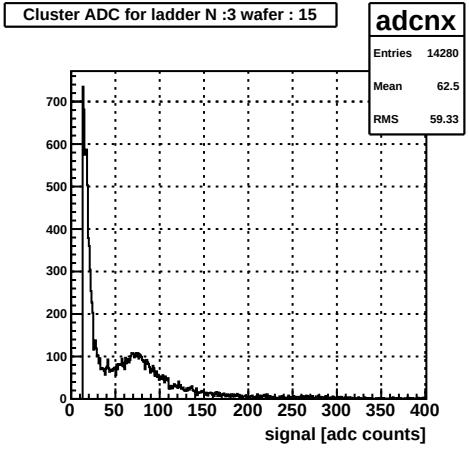

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 11179
Mean 67.71
RMS 57.87
signal [adc counts]

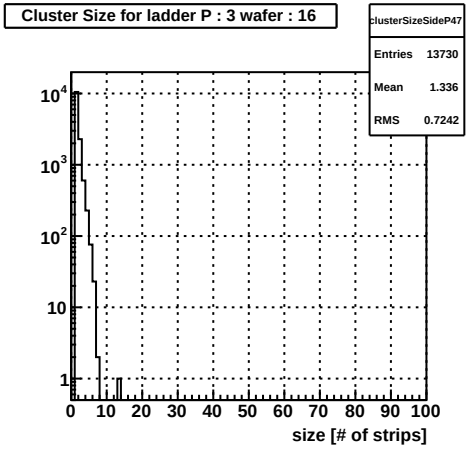

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 6741
Mean 1.388
RMS 0.6845
size [# of strips]

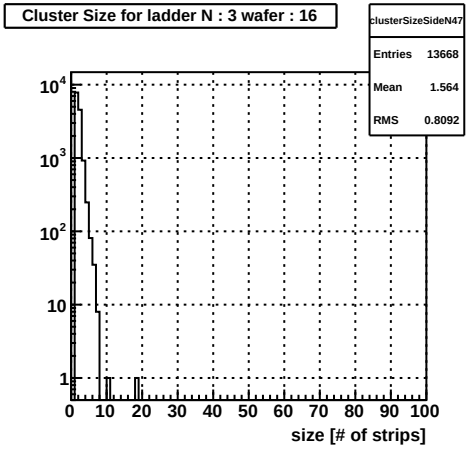

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 14280
Mean 1.375
RMS 0.7055
size [# of strips]

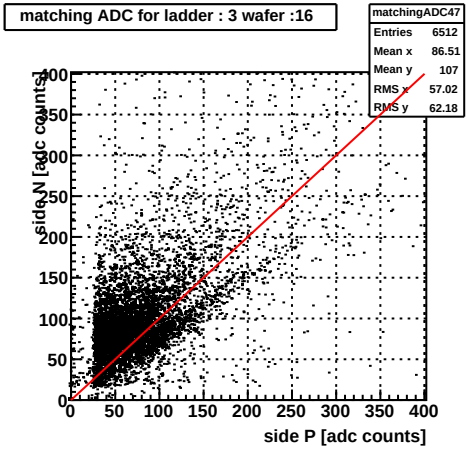

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 4679
Mean x 95.01
Mean y 97.02
RMS x 60.08
RMS y 64.22
side N [adc counts]
side P [adc counts]

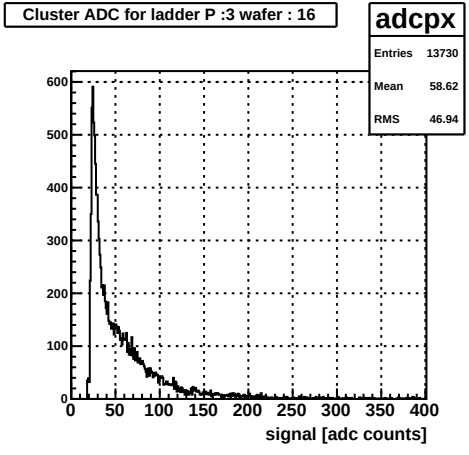

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 6741
Mean 84.79
RMS 58.89
signal [adc counts]

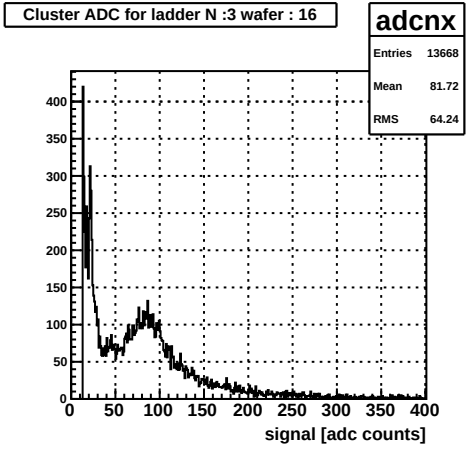

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 14280
Mean 62.5
RMS 59.33
signal [adc counts]

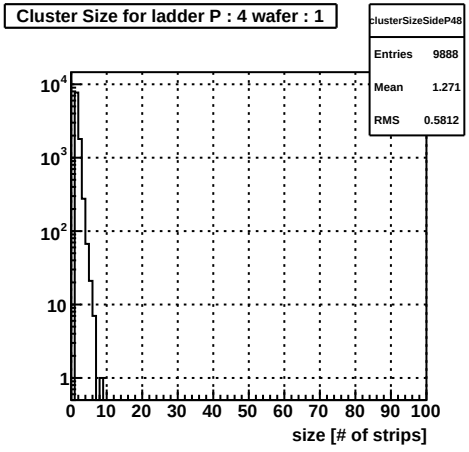

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 13730
Mean 1.336
RMS 0.7242
size [# of strips]

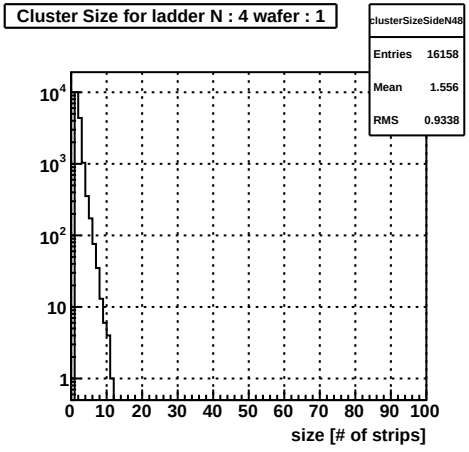

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 13668
Mean 1.564
RMS 0.8092
size [# of strips]

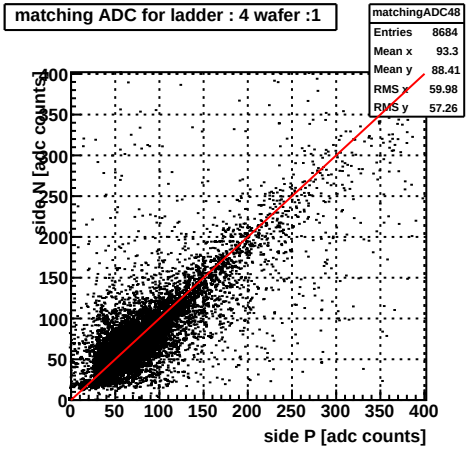

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 6512
Mean x 86.51
Mean y 107
RMS x 57.02
RMS y 62.18
side N [adc counts]
side P [adc counts]

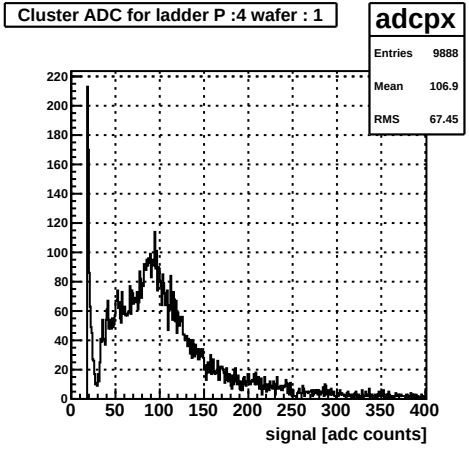

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 13730
Mean 58.62
RMS 46.94
signal [adc counts]

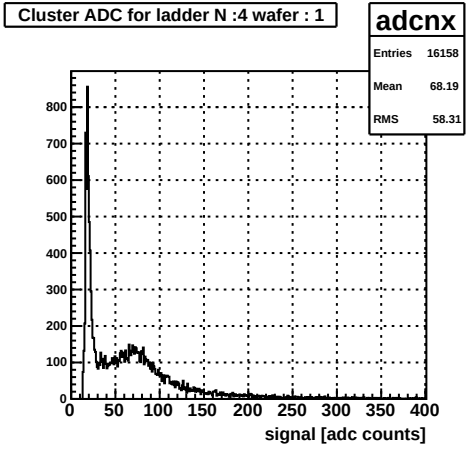

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 13668
Mean 81.72
RMS 64.24
signal [adc counts]

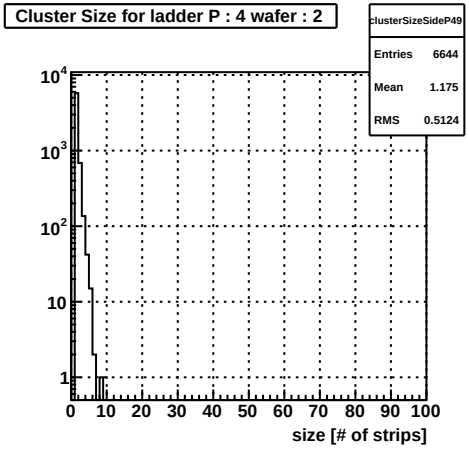

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 9888
Mean 1.271
RMS 0.5812
size [# of strips]

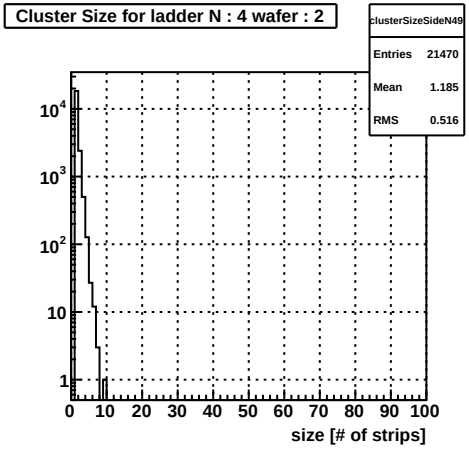

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 16158
Mean 1.556
RMS 0.9338
size [# of strips]

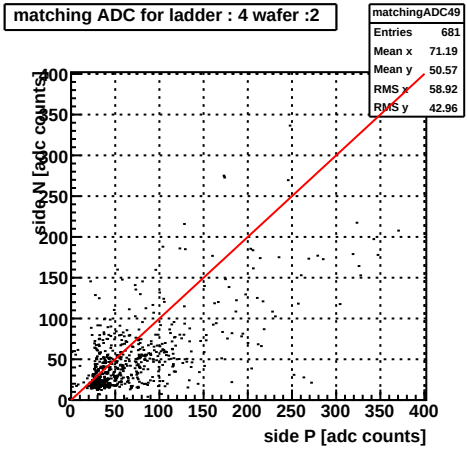

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 8684
Mean x 93.3
Mean y 88.41
RMS x 59.98
RMS y 57.26
side N [adc counts]
side P [adc counts]

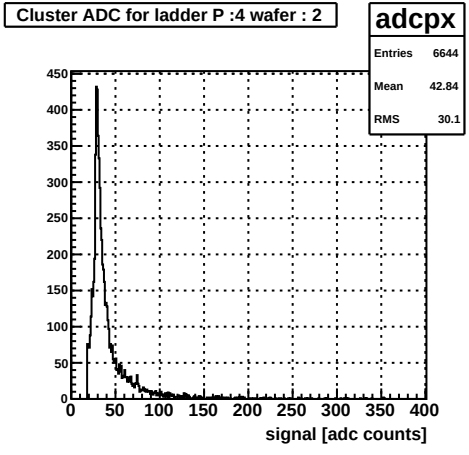

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 9888
Mean 106.9
RMS 67.45
signal [adc counts]

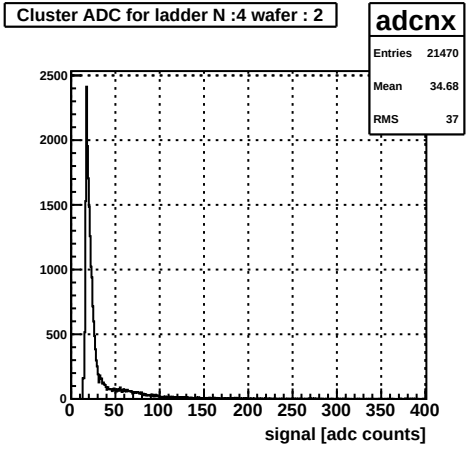

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 16158
Mean 68.19
RMS 58.31
signal [adc counts]

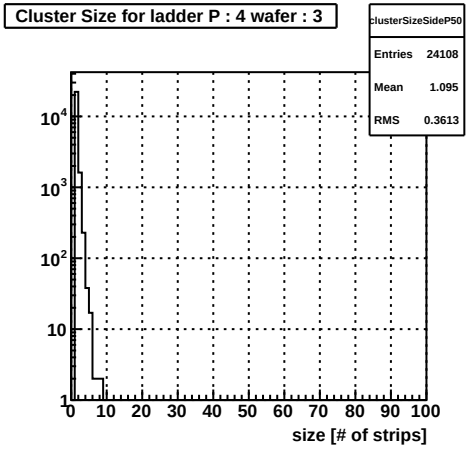

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6644
Mean 1.175
RMS 0.5124
size [# of strips]

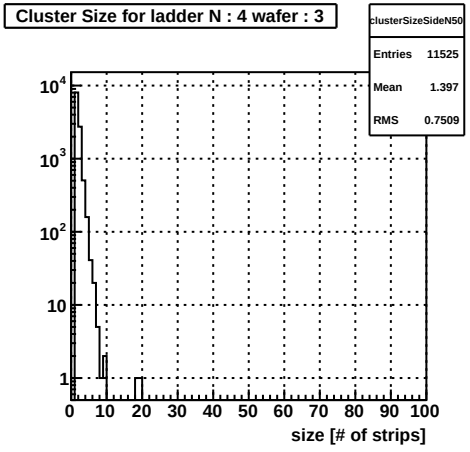

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 21470
Mean 1.185
RMS 0.516
size [# of strips]

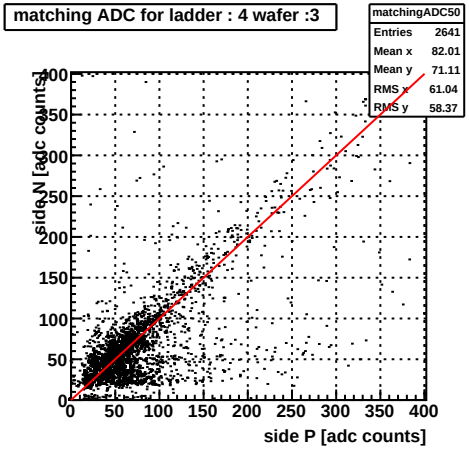

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 681
Mean x 71.19
Mean y 50.57
RMS x 58.92
RMS y 42.96
side N [adc counts]
side P [adc counts]

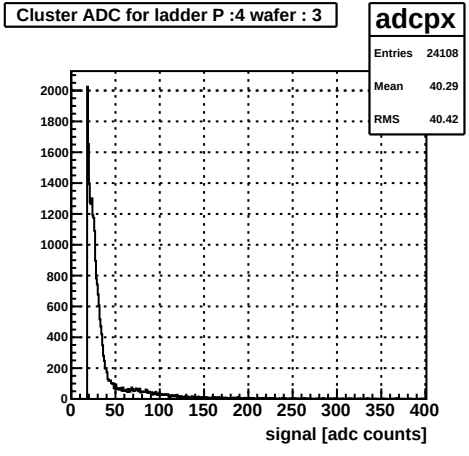

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6644
Mean 42.84
RMS 30.1
signal [adc counts]

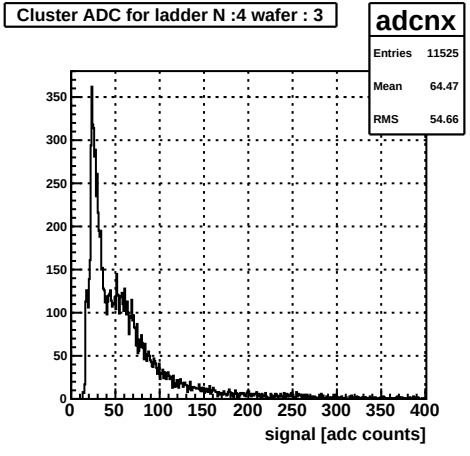

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 21470
Mean 34.68
RMS 37
signal [adc counts]

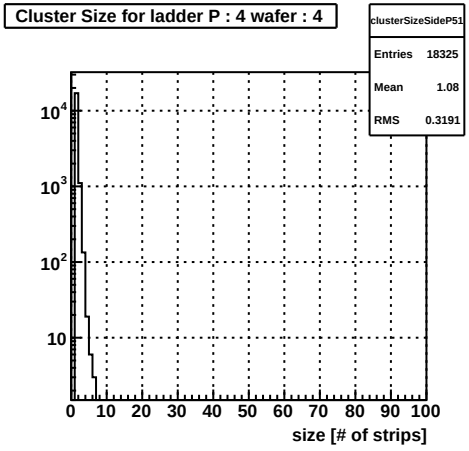

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 24108
Mean 1.095
RMS 0.3613
size [# of strips]

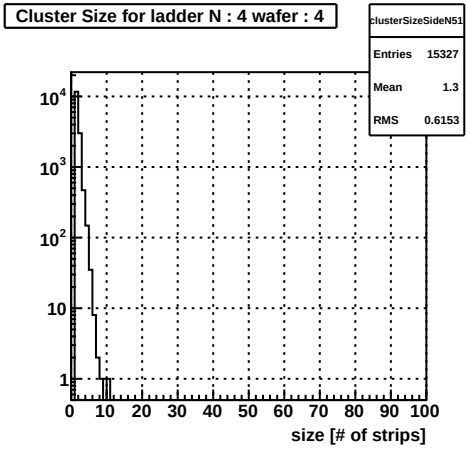

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 11525
Mean 1.397
RMS 0.7509
size [# of strips]

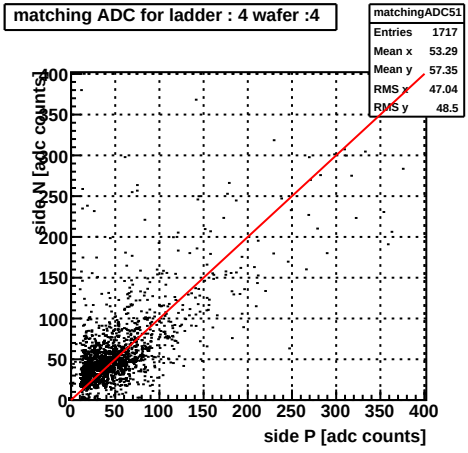

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2641
Mean x 82.01
Mean y 71.11
RMS x 61.04
RMS y 58.37
side N [adc counts]
side P [adc counts]

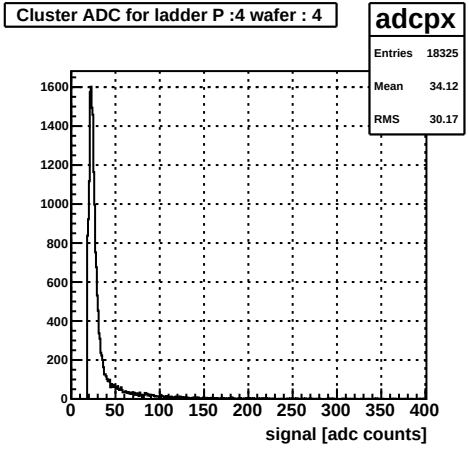

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 24108
Mean 40.29
RMS 40.42
signal [adc counts]

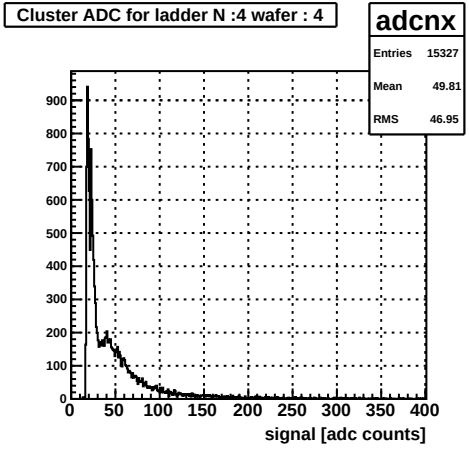

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 11525
Mean 64.47
RMS 54.66
signal [adc counts]

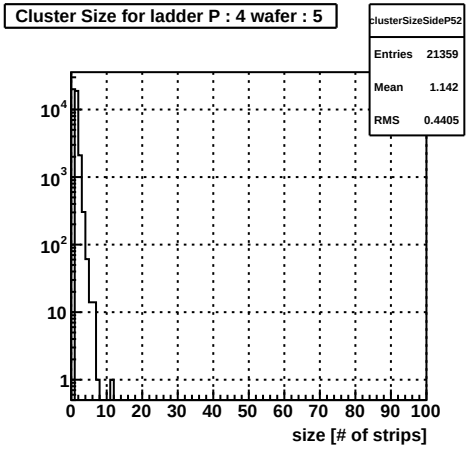

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18325
Mean 1.08
RMS 0.3191
size [# of strips]

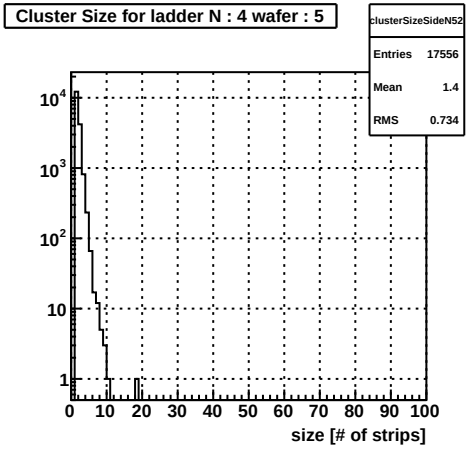

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 15327
Mean 1.3
RMS 0.6153
size [# of strips]

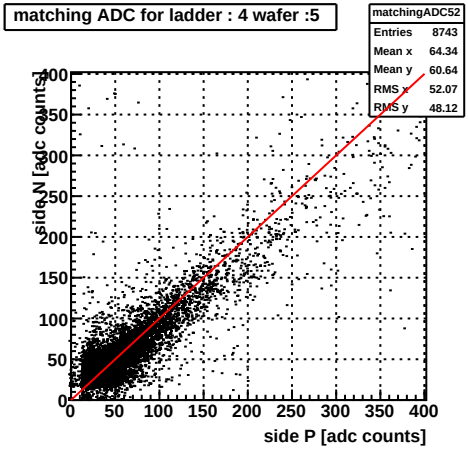

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1717
Mean x 53.29
Mean y 57.35
RMS x 47.04
RMS y 48.5
side N [adc counts]
side P [adc counts]

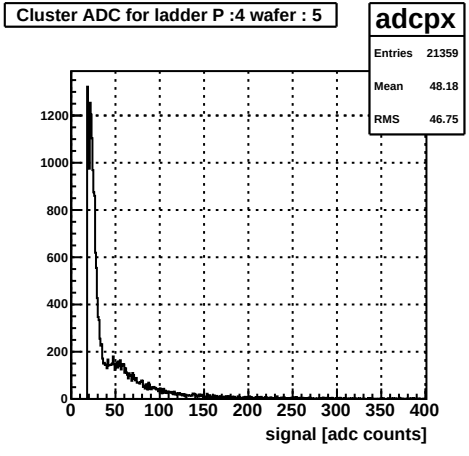

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18325
Mean 34.12
RMS 30.17
signal [adc counts]

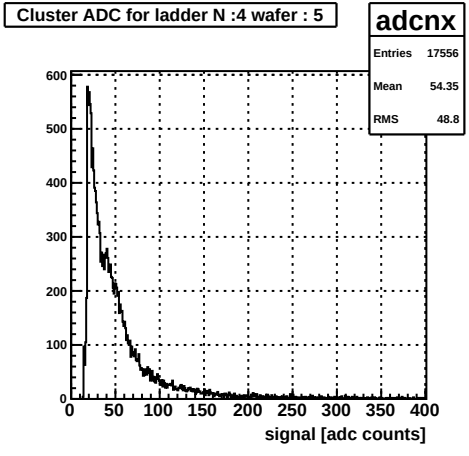

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 15327
Mean 49.81
RMS 46.95
signal [adc counts]

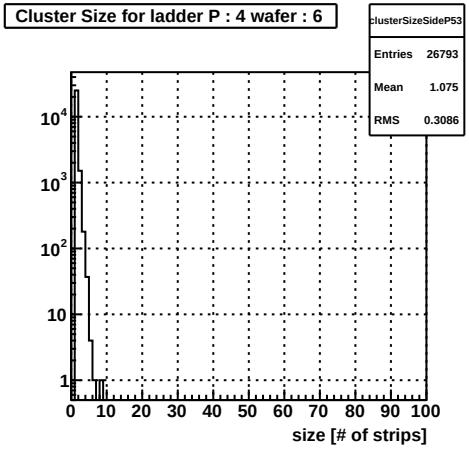

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 21359
Mean 1.142
RMS 0.4405
size [# of strips]

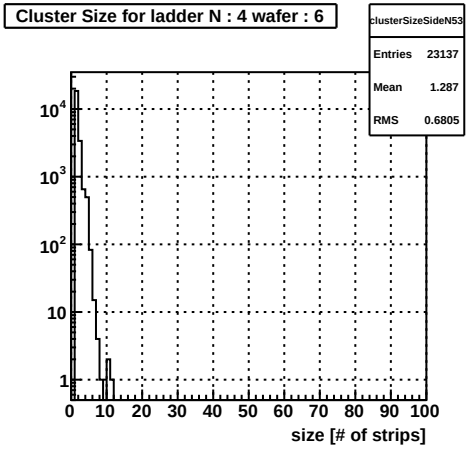

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 17556
Mean 1.4
RMS 0.734
size [# of strips]

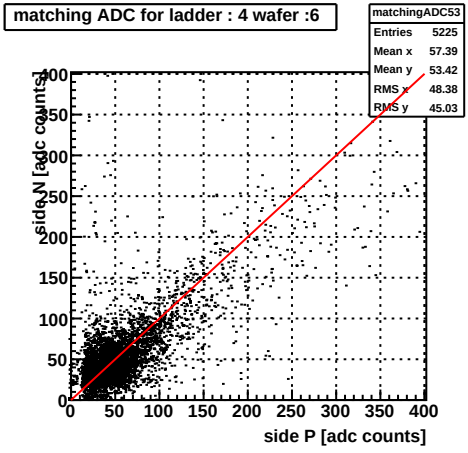

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 8743
Mean x 64.34
Mean y 60.64
RMS x 52.07
RMS y 48.12
side N [adc counts]
side P [adc counts]

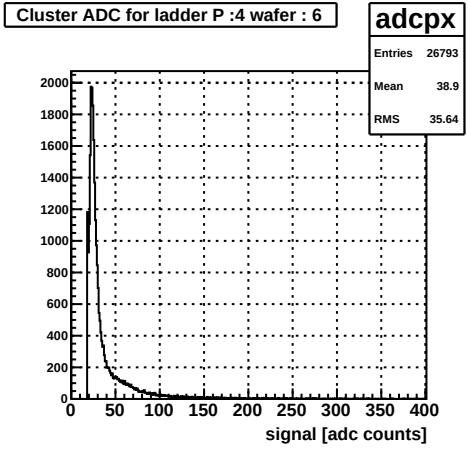

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 21359
Mean 48.18
RMS 46.75
signal [adc counts]

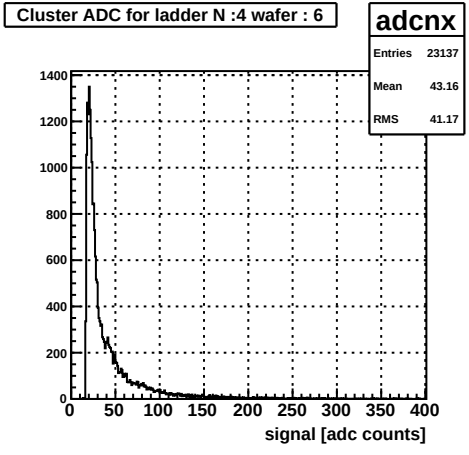

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 17556
Mean 54.35
RMS 48.8
signal [adc counts]

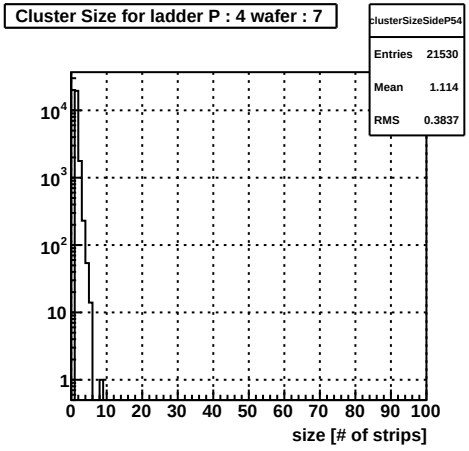

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 26793
Mean 1.075
RMS 0.3086
size [# of strips]

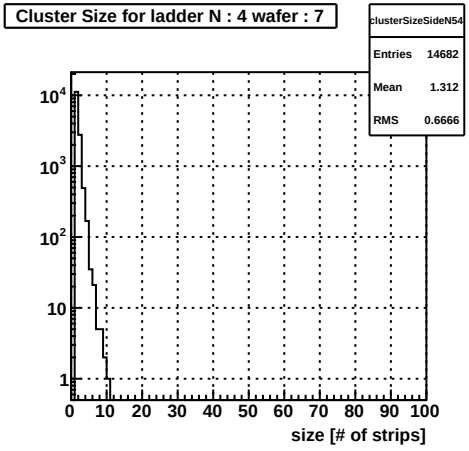

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 23137
Mean 1.287
RMS 0.6805
size [# of strips]

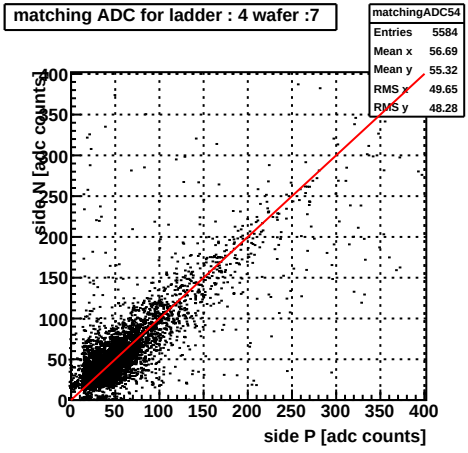

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5225
Mean x 57.39
Mean y 53.42
RMS x 48.38
RMS y 45.03
side N [adc counts]
side P [adc counts]

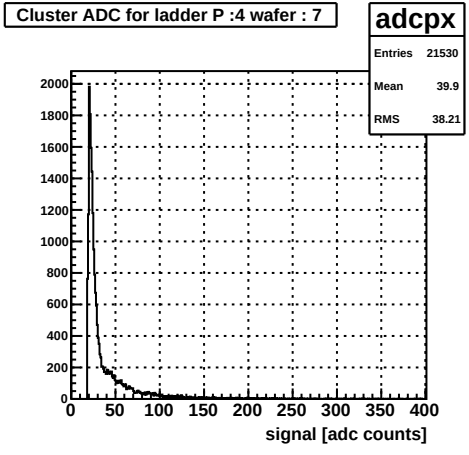

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 26793
Mean 38.9
RMS 35.64
signal [adc counts]

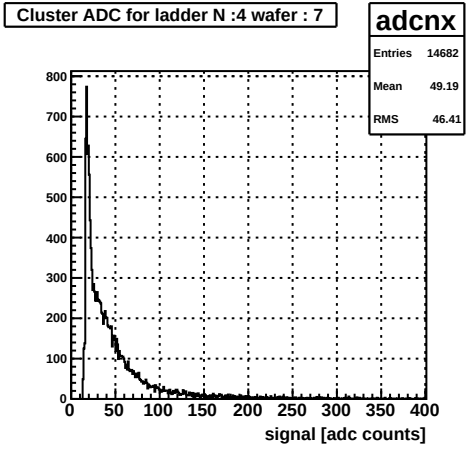

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 23137
Mean 43.16
RMS 41.17
signal [adc counts]

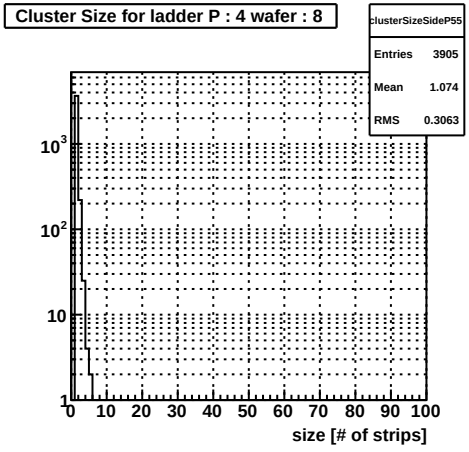

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 21530
Mean 1.114
RMS 0.3837
size [# of strips]

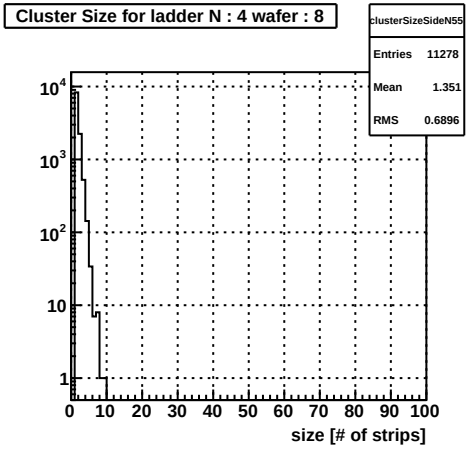

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 14682
Mean 1.312
RMS 0.6666
size [# of strips]

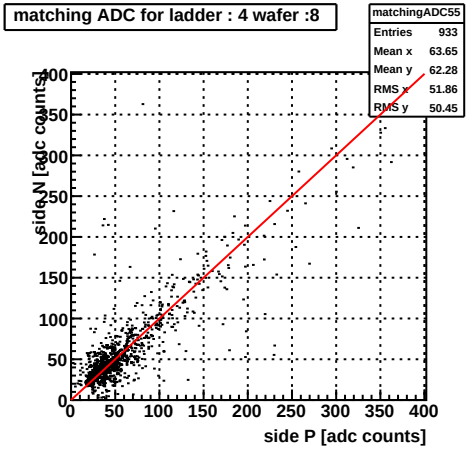

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5584
Mean x 56.69
Mean y 55.32
RMS x 49.65
RMS y 48.28
side N [adc counts]
side P [adc counts]

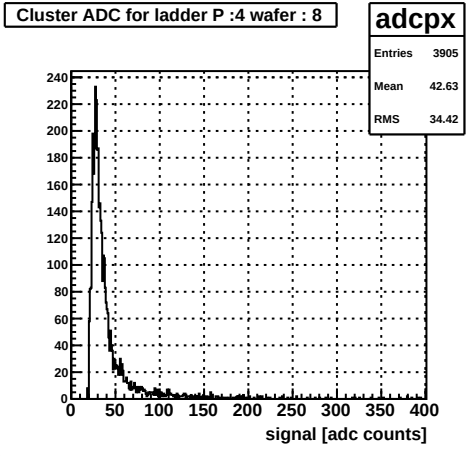

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 21530
Mean 39.9
RMS 38.21
signal [adc counts]

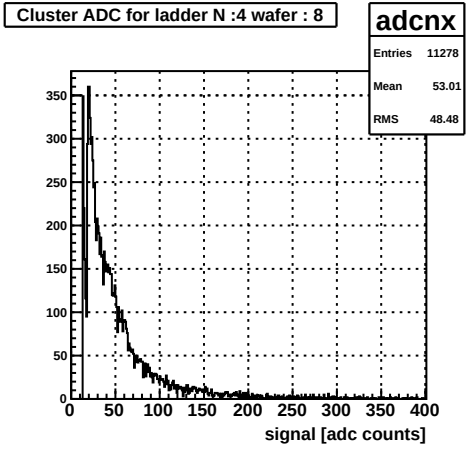

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 14682
Mean 49.19
RMS 46.41
signal [adc counts]

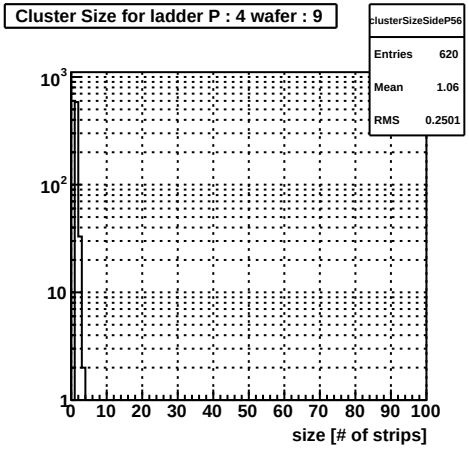

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3905
Mean 1.074
RMS 0.3063
size [# of strips]

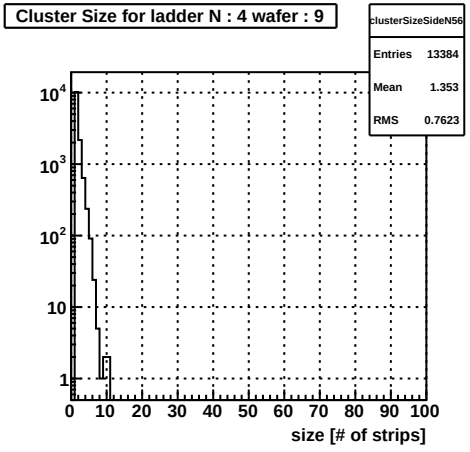

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 11278
Mean 1.351
RMS 0.6896
size [# of strips]

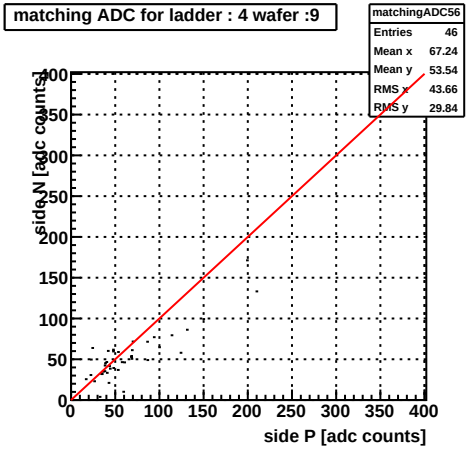

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 933
Mean x 63.65
Mean y 62.28
RMS x 51.86
RMS y 50.45
side N [adc counts]
side P [adc counts]

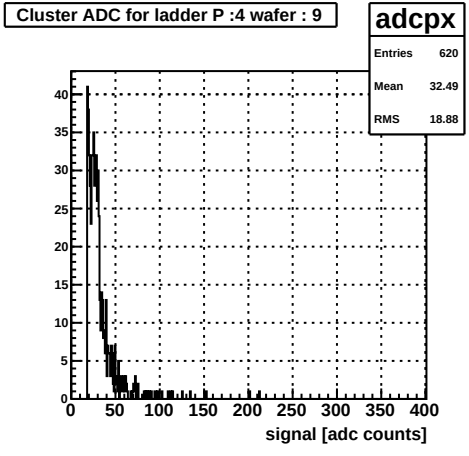

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3905
Mean 42.63
RMS 34.42
signal [adc counts]

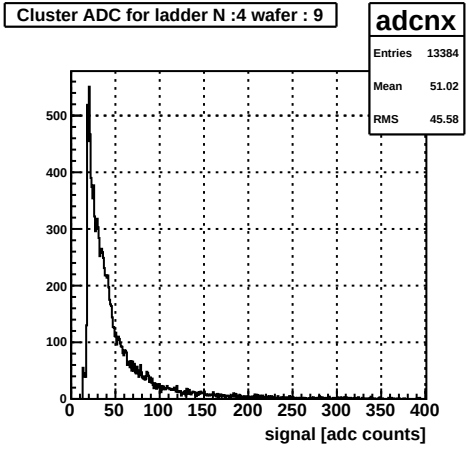

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 11278
Mean 53.01
RMS 48.48
signal [adc counts]

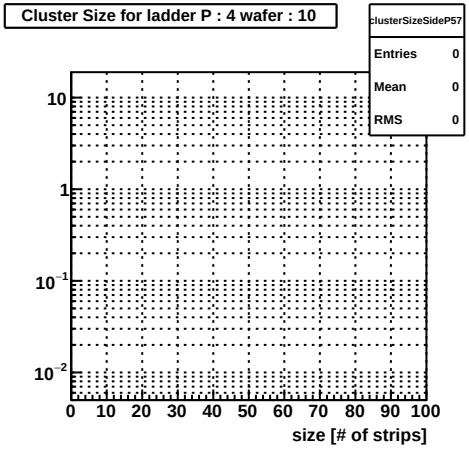

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 620
Mean 1.06
RMS 0.2501
size [# of strips]

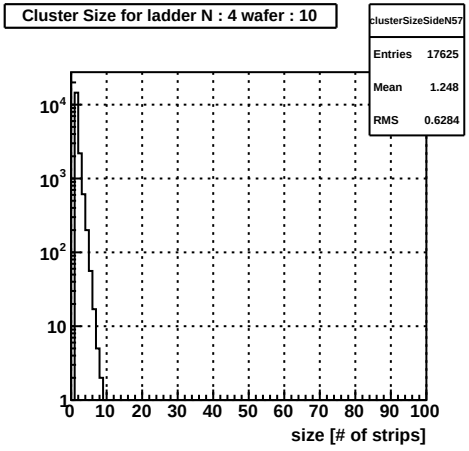

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 13384
Mean 1.353
RMS 0.7623
size [# of strips]

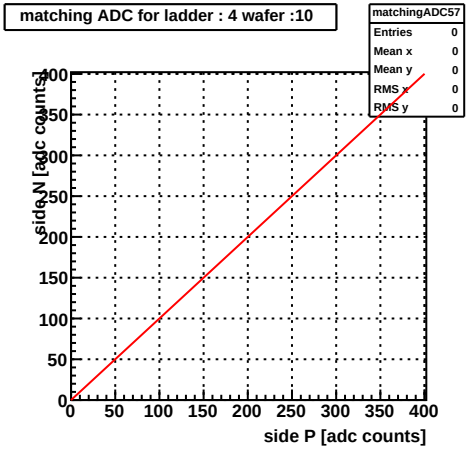

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 46
Mean x 67.24
Mean y 53.54
RMS x 43.66
RMS y 29.84
side N [adc counts]
side P [adc counts]

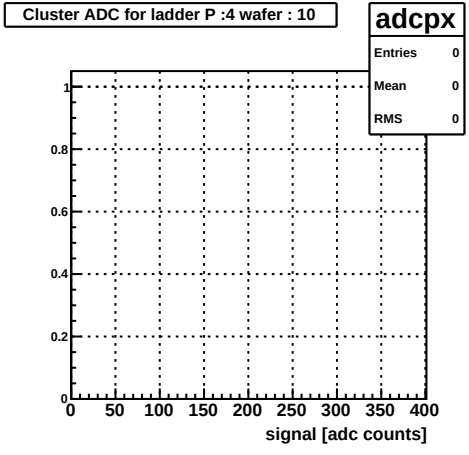

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 620
Mean 32.49
RMS 18.88
signal [adc counts]

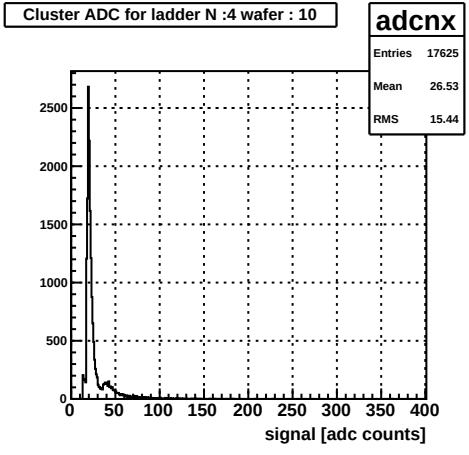

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 13384
Mean 51.02
RMS 45.58
signal [adc counts]

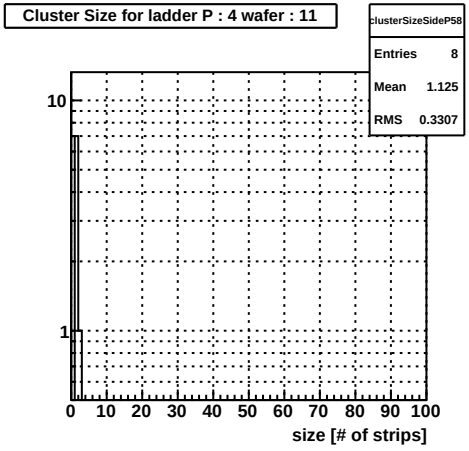

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

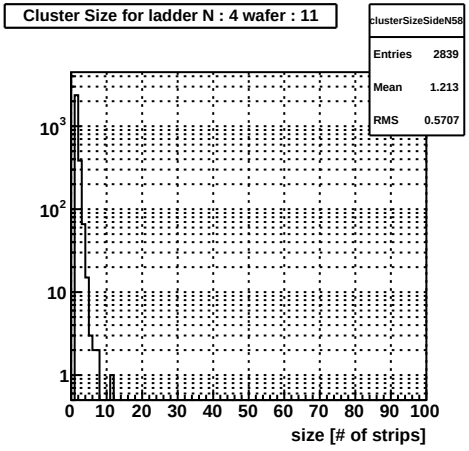

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17625
Mean 1.248
RMS 0.6284
size [# of strips]

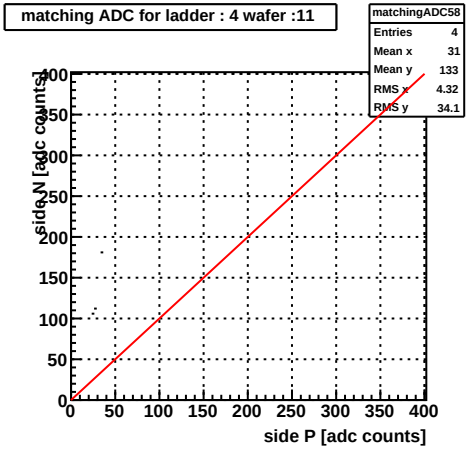

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

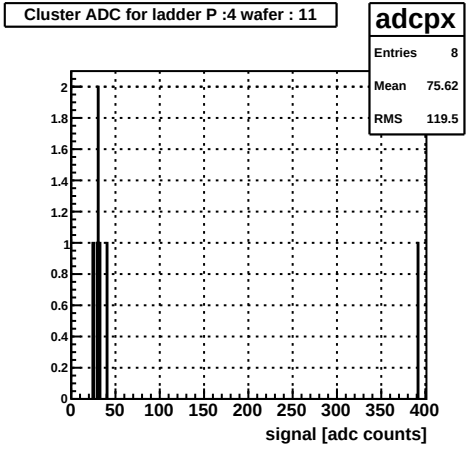

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

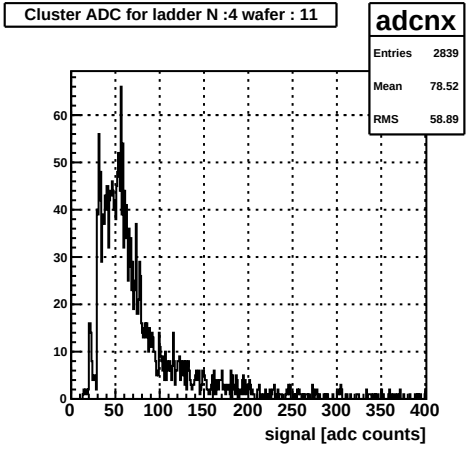

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17625
Mean 26.53
RMS 15.44
signal [adc counts]

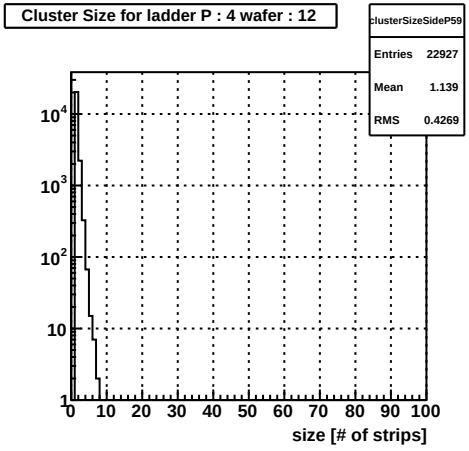

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

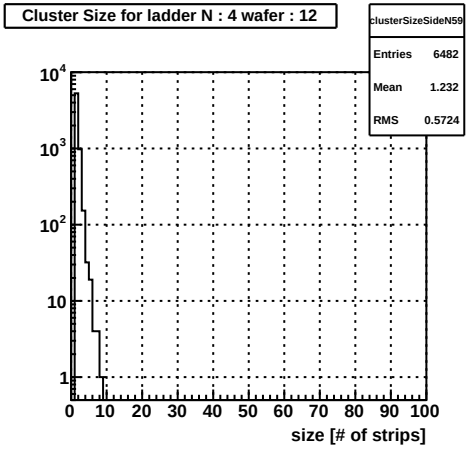

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2839
Mean 1.213
RMS 0.5707
size [# of strips]

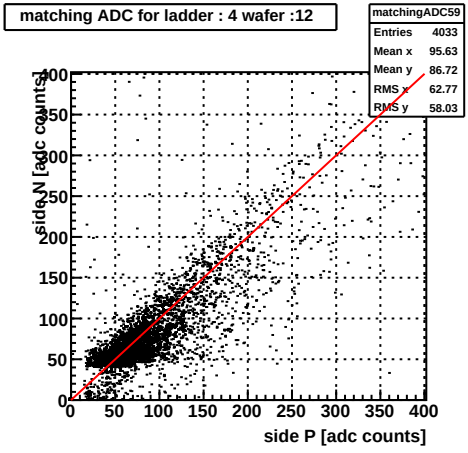

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 4
Mean x 31
Mean y 133
RMS x 4.32
RMS y 34.1
side N [adc counts]
side P [adc counts]

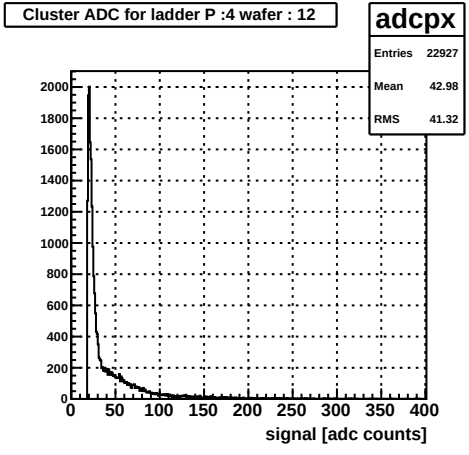

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 8
Mean 75.62
RMS 119.5
signal [adc counts]

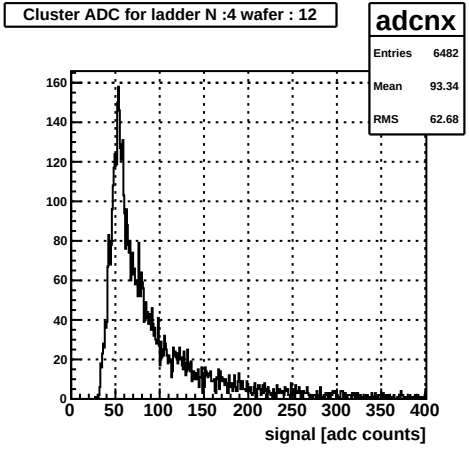

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2839
Mean 78.52
RMS 58.89
signal [adc counts]

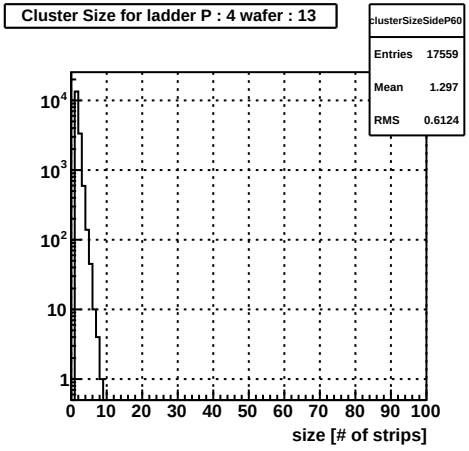

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 22927
Mean 1.139
RMS 0.4269
size [# of strips]

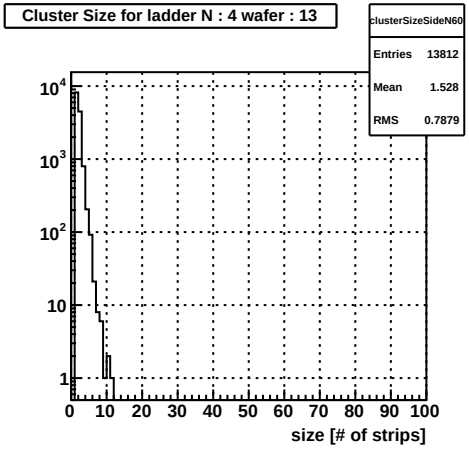

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6482
Mean 1.232
RMS 0.5724
size [# of strips]

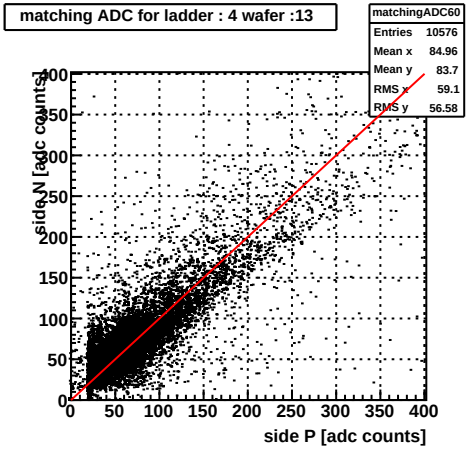

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4033
Mean x 95.63
Mean y 86.72
RMS x 62.77
RMS y 58.03
side N [adc counts]
side P [adc counts]

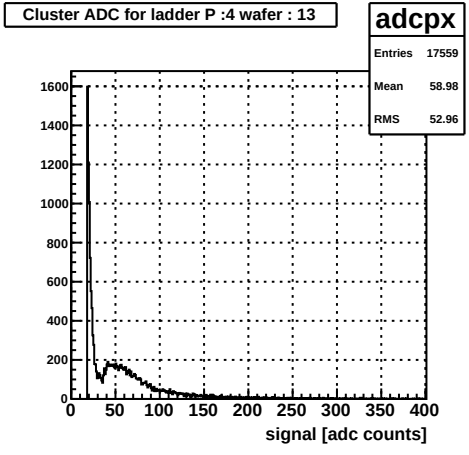

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 22927
Mean 42.98
RMS 41.32
signal [adc counts]

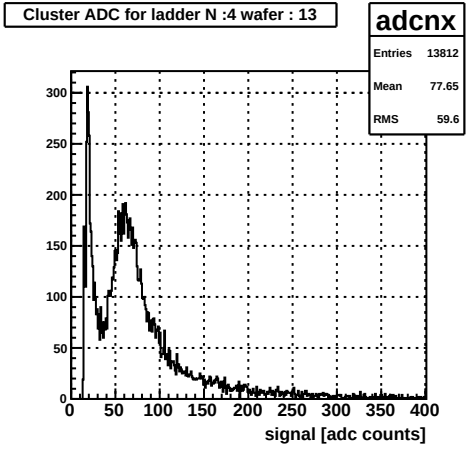

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6482
Mean 93.34
RMS 62.68
signal [adc counts]

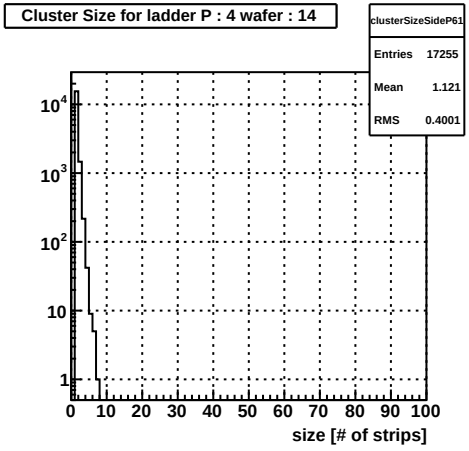

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 17559
Mean 1.297
RMS 0.6124
size [# of strips]

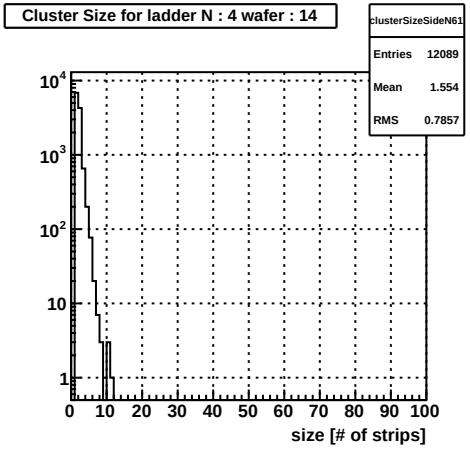

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 13812
Mean 1.528
RMS 0.7879
size [# of strips]

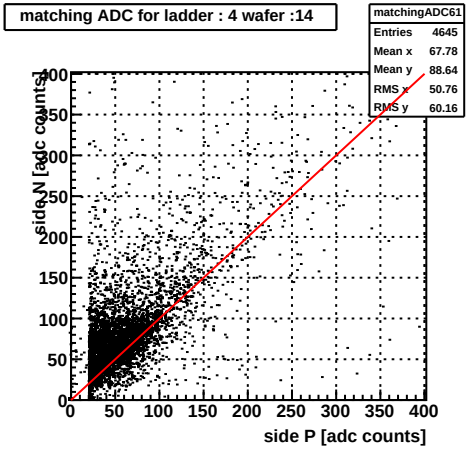

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 10576
Mean x 84.96
Mean y 83.7
RMS x 59.1
RMS y 56.58
side N [adc counts]
side P [adc counts]

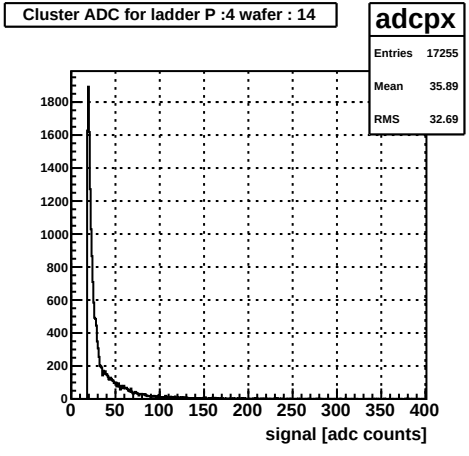

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 17559
Mean 58.98
RMS 52.96
signal [adc counts]

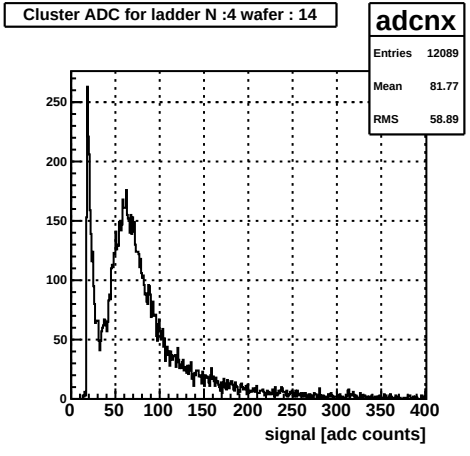

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 13812
Mean 77.65
RMS 59.6
signal [adc counts]

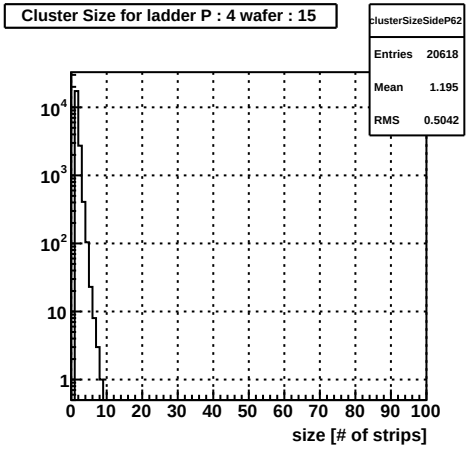

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 17255
Mean 1.121
RMS 0.4001
size [# of strips]

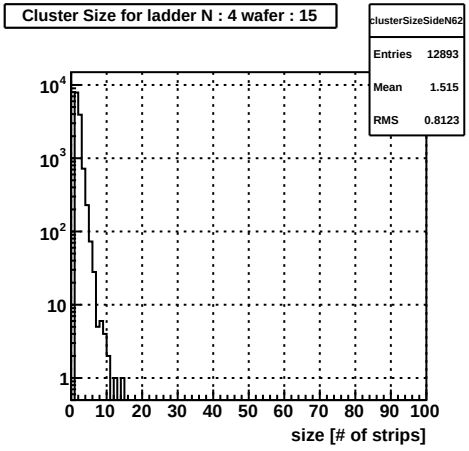

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 12089
Mean 1.554
RMS 0.7857
size [# of strips]

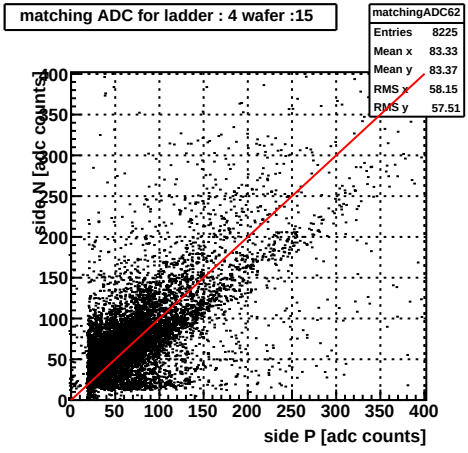

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 4645
Mean x 67.78
Mean y 88.64
RMS x 50.76
RMS y 60.16
side N [adc counts]
side P [adc counts]

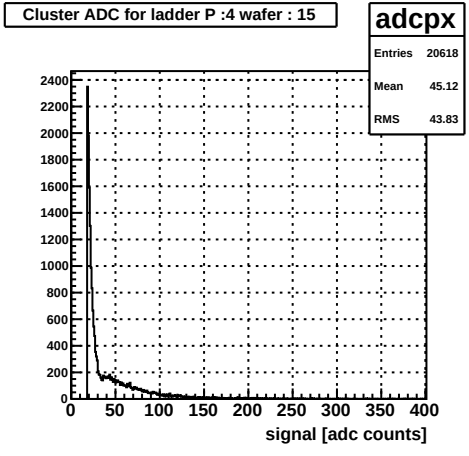

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 17255
Mean 35.89
RMS 32.69
signal [adc counts]

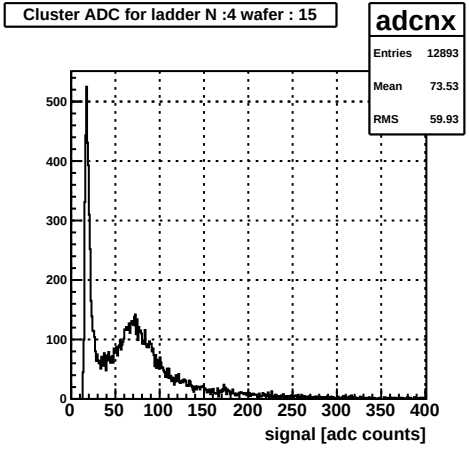

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 12089
Mean 81.77
RMS 58.89
signal [adc counts]

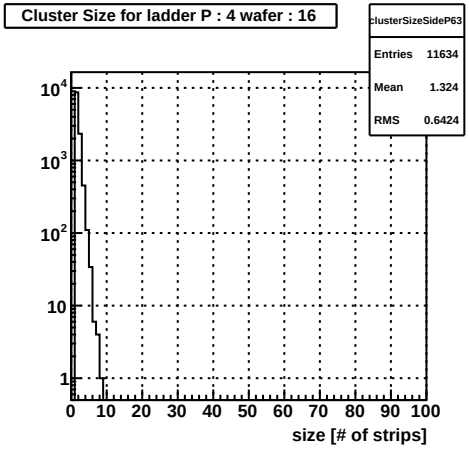

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 20618
Mean 1.195
RMS 0.5042
size [# of strips]

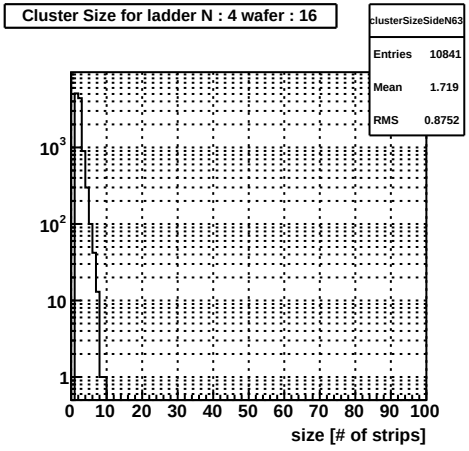

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 12893
Mean 1.515
RMS 0.8123
size [# of strips]

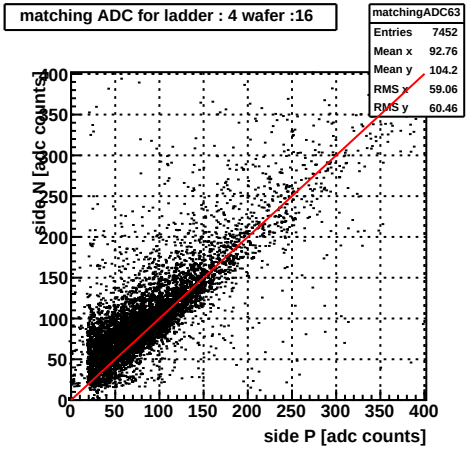

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8225
Mean x 83.33
Mean y 83.37
RMS x 58.15
RMS y 57.51
side N [adc counts]
side P [adc counts]

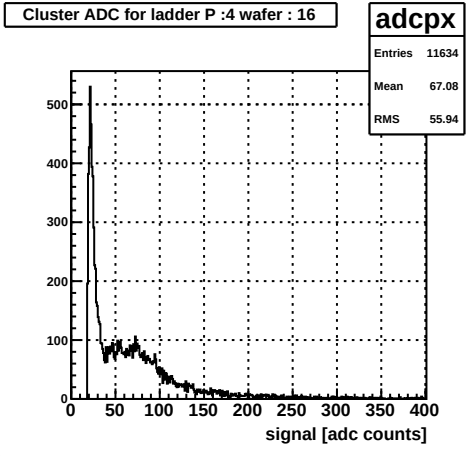

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 20618
Mean 45.12
RMS 43.83
signal [adc counts]

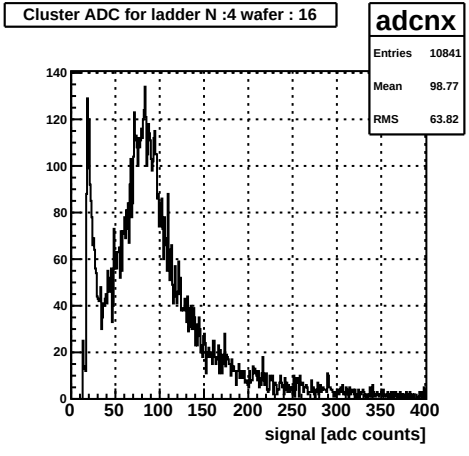

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 12893
Mean 73.53
RMS 59.93
signal [adc counts]

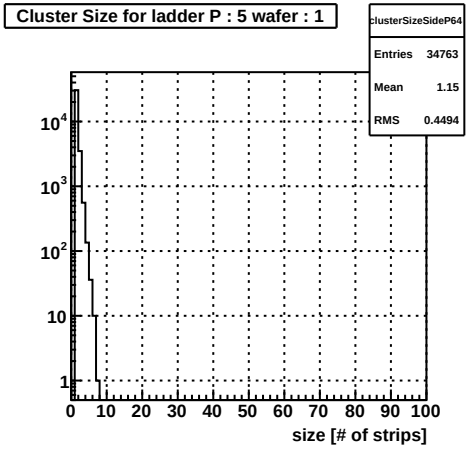

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 11634
Mean 1.324
RMS 0.6424
size [# of strips]

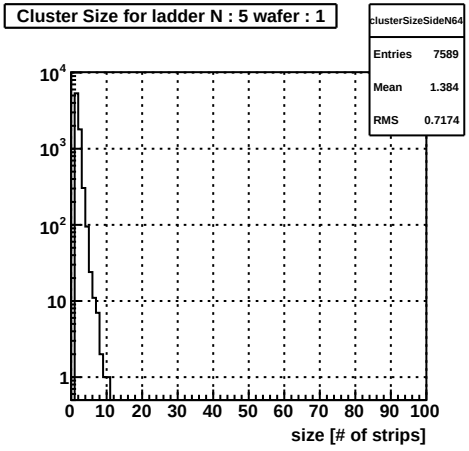

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 10841
Mean 1.719
RMS 0.8752
size [# of strips]

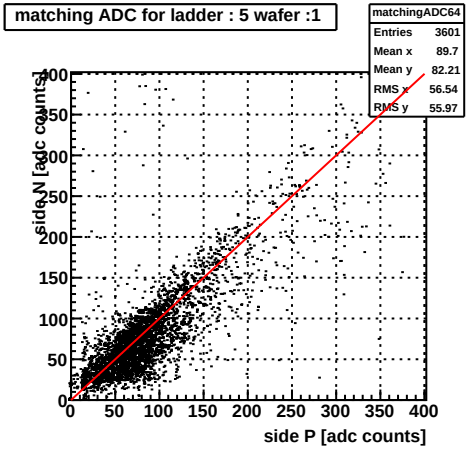

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 7452
Mean x 92.76
Mean y 104.2
RMS x 59.06
RMS y 60.46
side N [adc counts]
side P [adc counts]

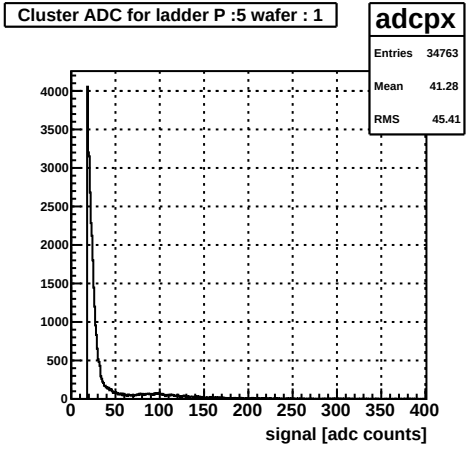

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 11634
Mean 67.08
RMS 55.94
signal [adc counts]

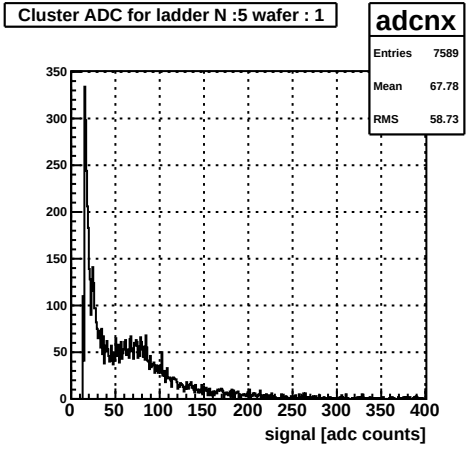

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 10841
Mean 98.77
RMS 63.82
signal [adc counts]

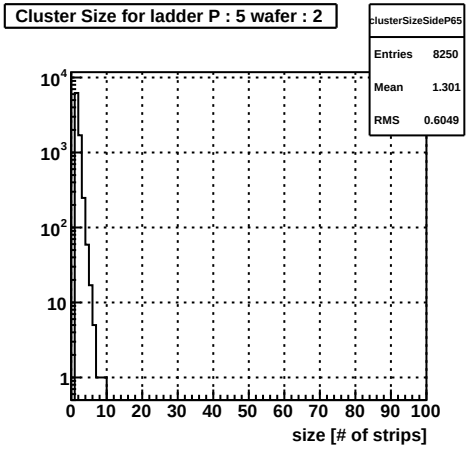

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 34763
Mean 1.15
RMS 0.4494
size [# of strips]

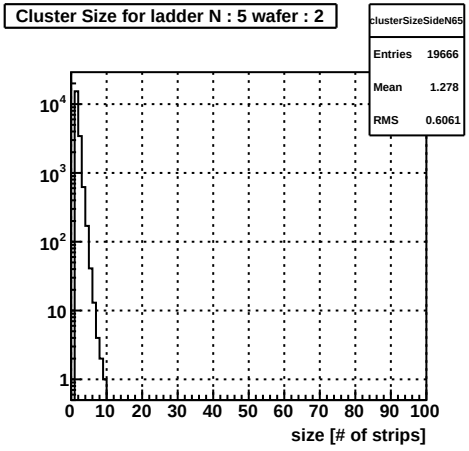

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 7589
Mean 1.384
RMS 0.7174
size [# of strips]

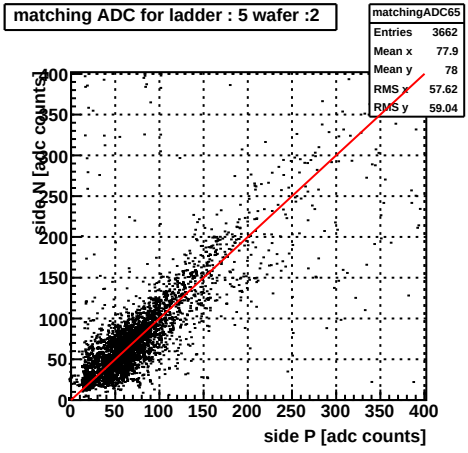

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3601
Mean x 89.7
Mean y 82.21
RMS x 56.54
RMS y 55.97
side N [adc counts]
side P [adc counts]

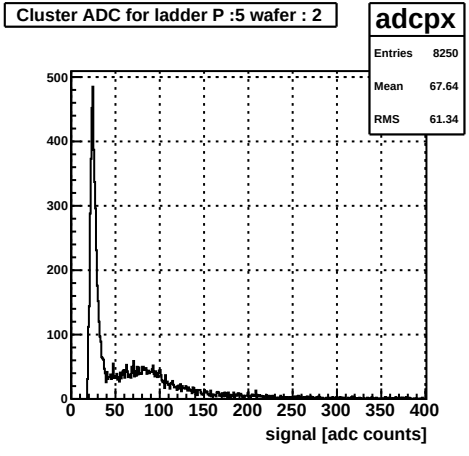

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 34763
Mean 41.28
RMS 45.41
signal [adc counts]

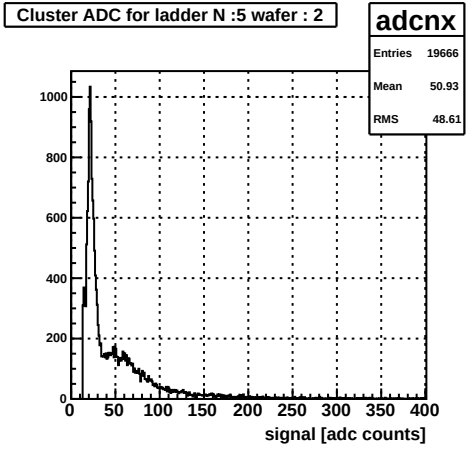

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 7589
Mean 67.78
RMS 58.73
signal [adc counts]

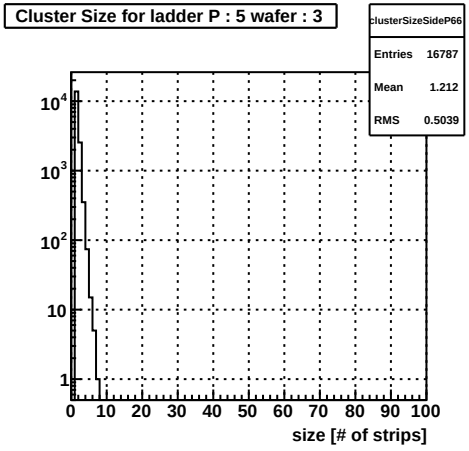

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 8250
Mean 1.301
RMS 0.6049
size [# of strips]

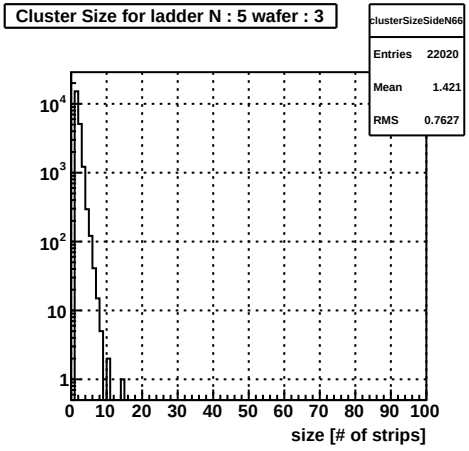

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 19666
Mean 1.278
RMS 0.6061
size [# of strips]

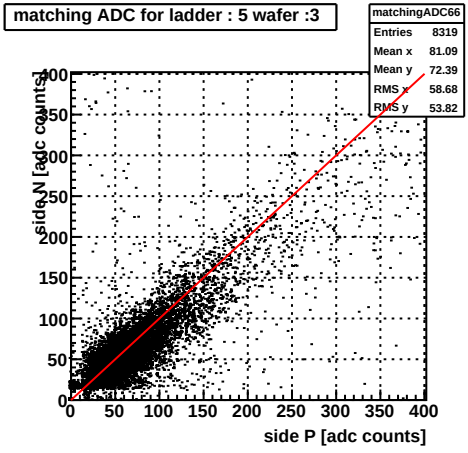

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3662
Mean x 77.9
Mean y 78
RMS x 57.62
RMS y 59.04
side N [adc counts]
side P [adc counts]

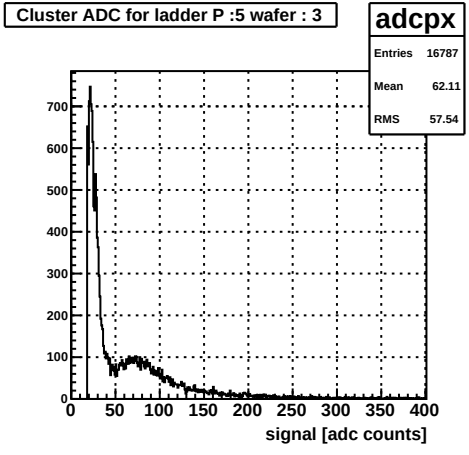

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 8250
Mean 67.64
RMS 61.34
signal [adc counts]

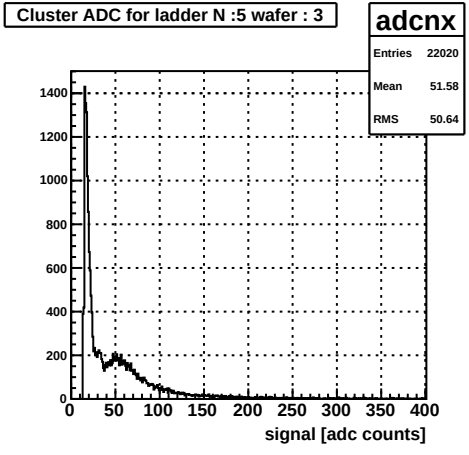

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 19666
Mean 50.93
RMS 48.61
signal [adc counts]

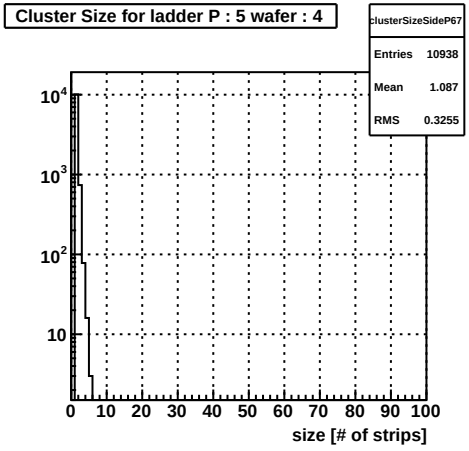

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 16787
Mean 1.212
RMS 0.5039
size [# of strips]

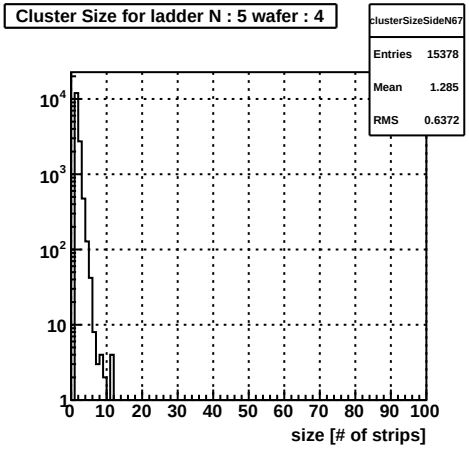

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 22020
Mean 1.421
RMS 0.7627
size [# of strips]

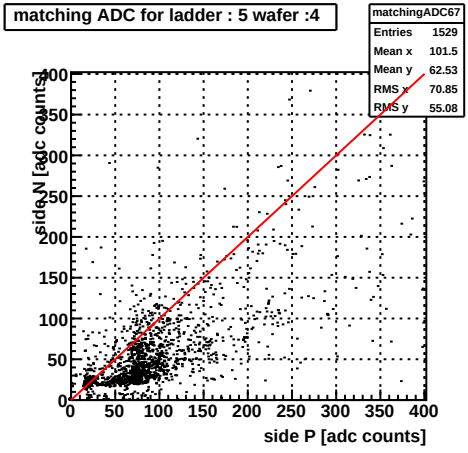

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8319
Mean x 81.09
Mean y 72.39
RMS x 58.68
RMS y 53.82
side N [adc counts]
side P [adc counts]

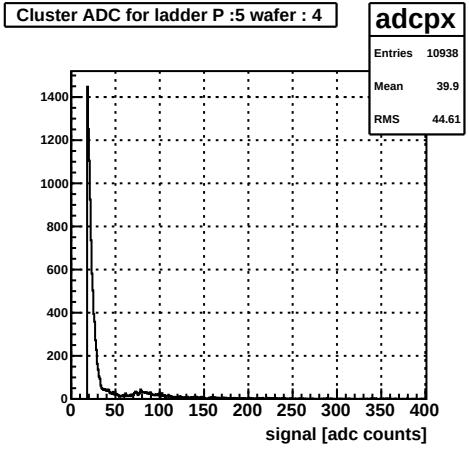

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 16787
Mean 62.11
RMS 57.54
signal [adc counts]

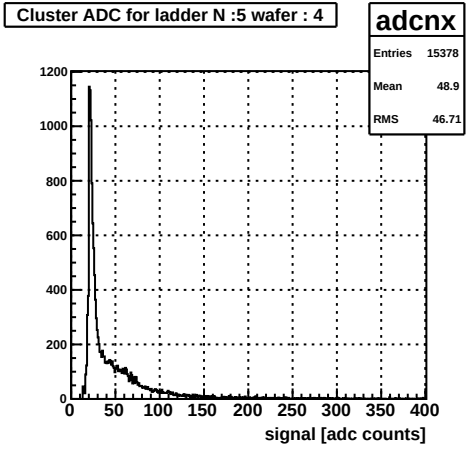

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 22020
Mean 51.58
RMS 50.64
signal [adc counts]

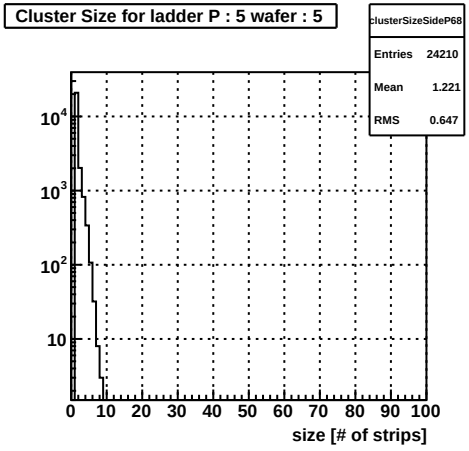

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10938
Mean 1.087
RMS 0.3255
size [# of strips]

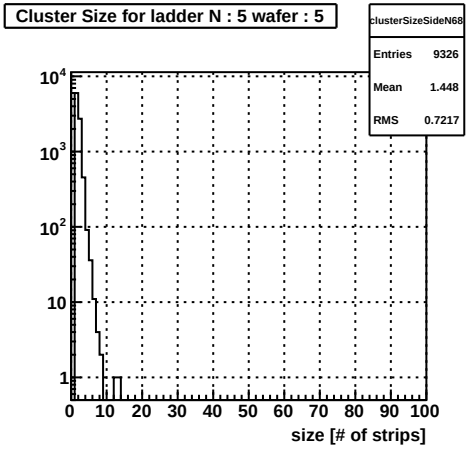

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 15378
Mean 1.285
RMS 0.6372
size [# of strips]

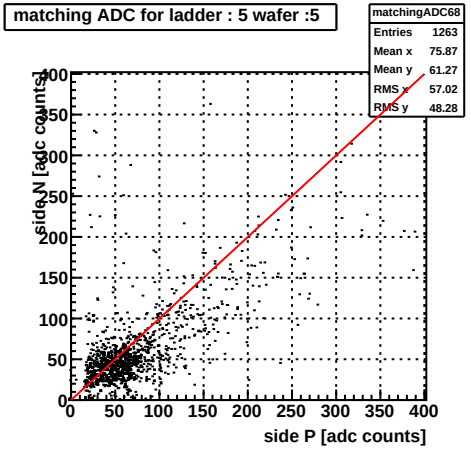

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1529
Mean x 101.5
Mean y 62.53
RMS x 70.85
RMS y 55.08
side N [adc counts]
side P [adc counts]

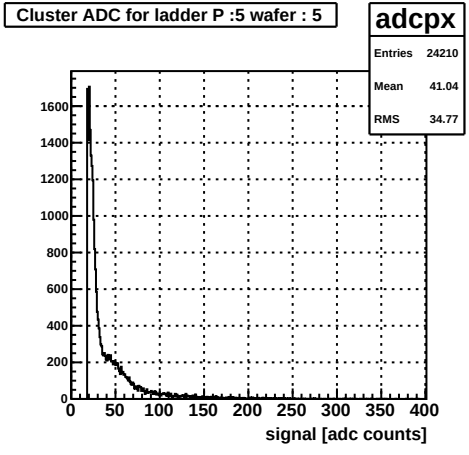

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10938
Mean 39.9
RMS 44.61
signal [adc counts]

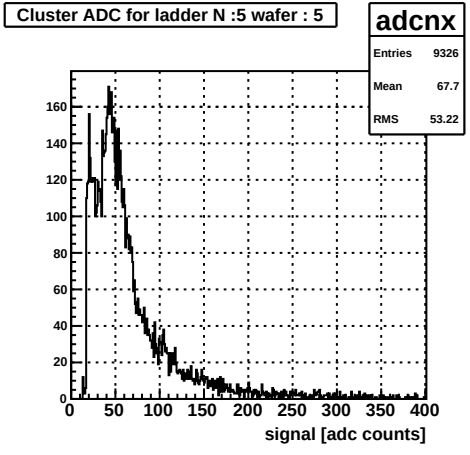

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 15378
Mean 48.9
RMS 46.71
signal [adc counts]

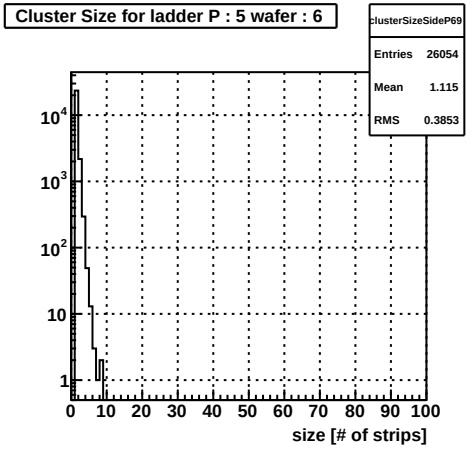

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 24210
Mean 1.221
RMS 0.647
size [# of strips]

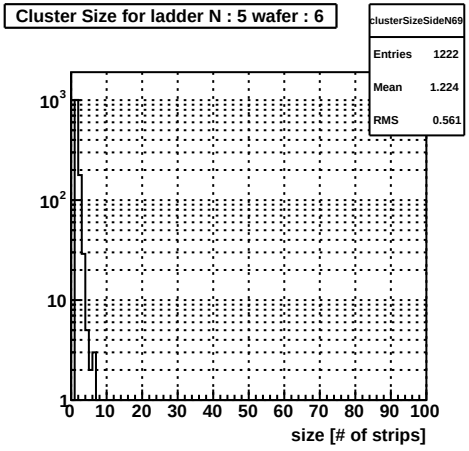

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 9326
Mean 1.448
RMS 0.7217
size [# of strips]

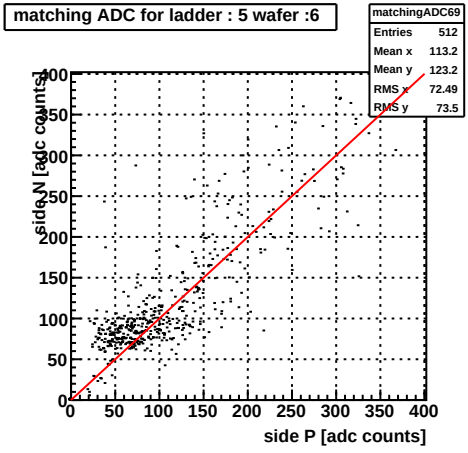

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1263
Mean x 75.87
Mean y 61.27
RMS x 57.02
RMS y 48.28
side N [adc counts]
side P [adc counts]

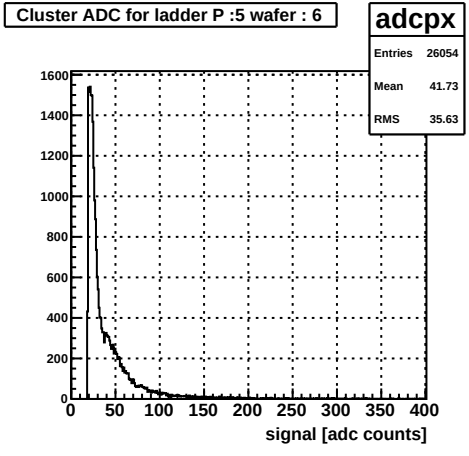

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 24210
Mean 41.04
RMS 34.77
signal [adc counts]

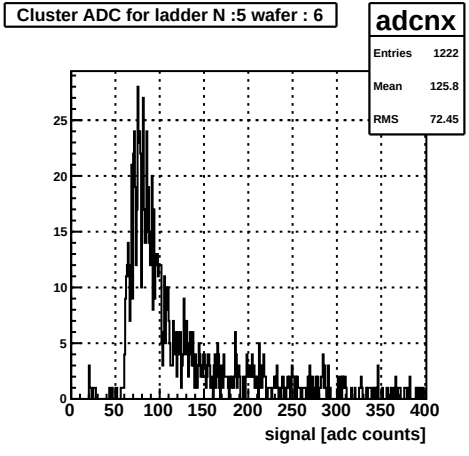

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 9326
Mean 67.7
RMS 53.22
signal [adc counts]

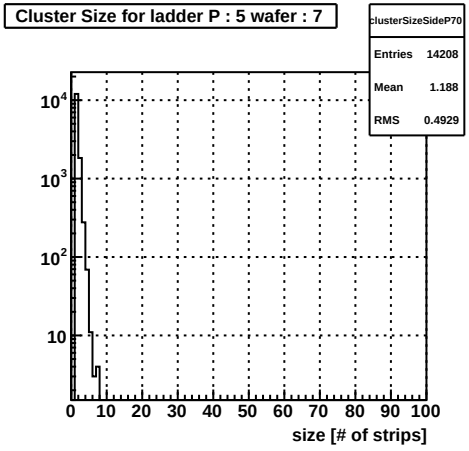

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 26054
Mean 1.115
RMS 0.3853
size [# of strips]

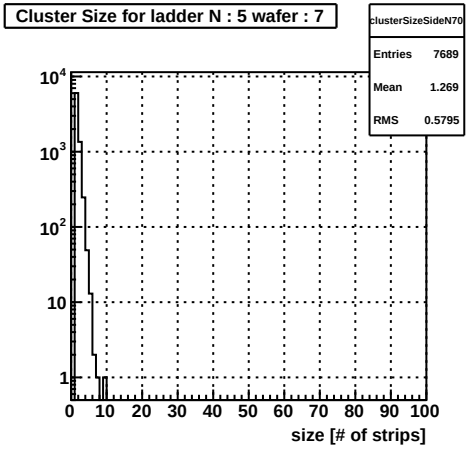

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1222
Mean 1.224
RMS 0.561
size [# of strips]

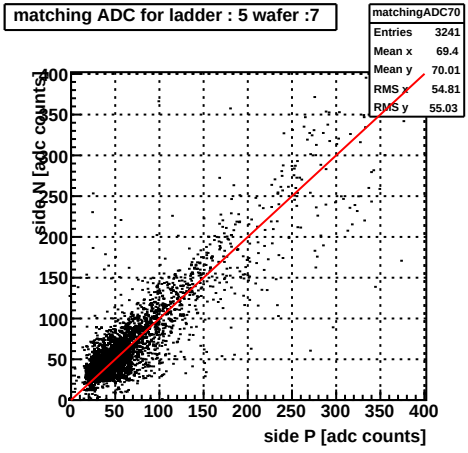

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 512
Mean x 113.2
Mean y 123.2
RMS x 72.49
RMS y 73.5
side N [adc counts]
side P [adc counts]

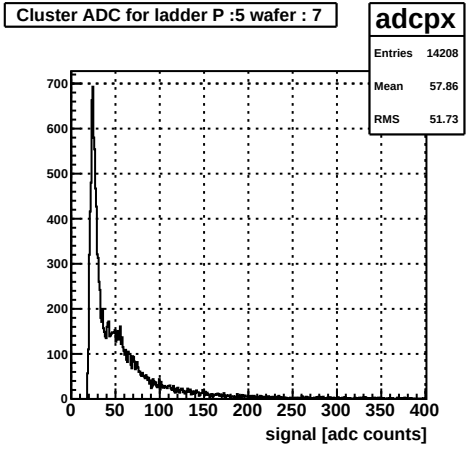

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 26054
Mean 41.73
RMS 35.63
signal [adc counts]

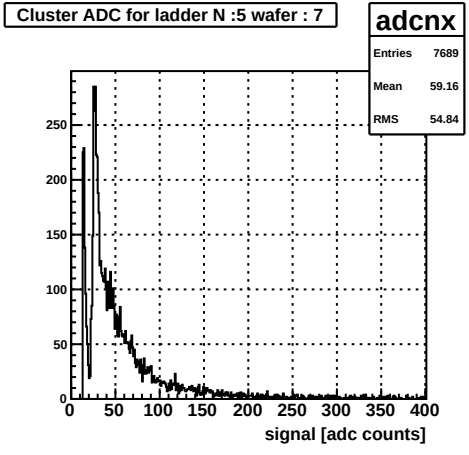

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1222
Mean 125.8
RMS 72.45
signal [adc counts]

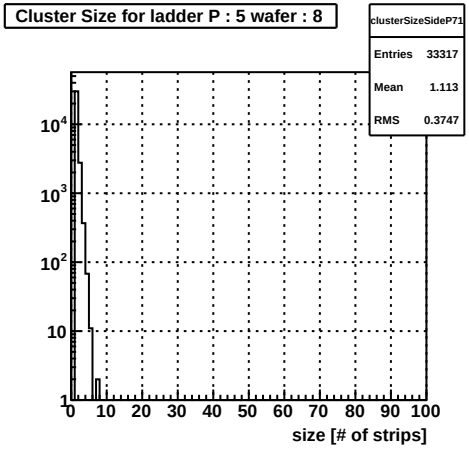

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 14208
Mean 1.188
RMS 0.4929
size [# of strips]

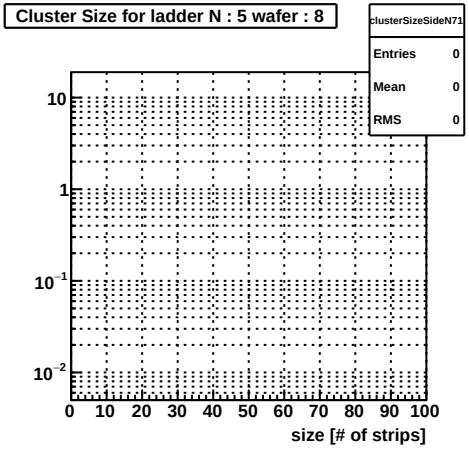

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 7689
Mean 1.269
RMS 0.5795
size [# of strips]

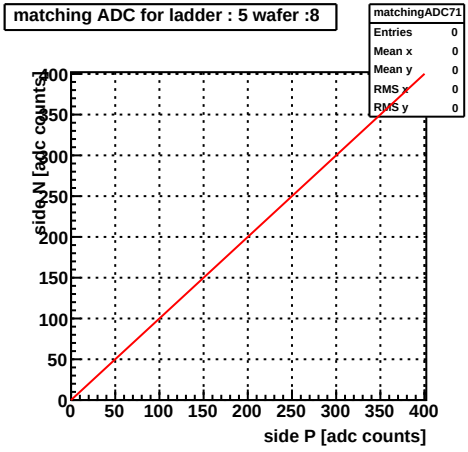

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3241
Mean x 69.4
Mean y 70.01
RMS x 54.81
RMS y 55.03
side N [adc counts]
side P [adc counts]

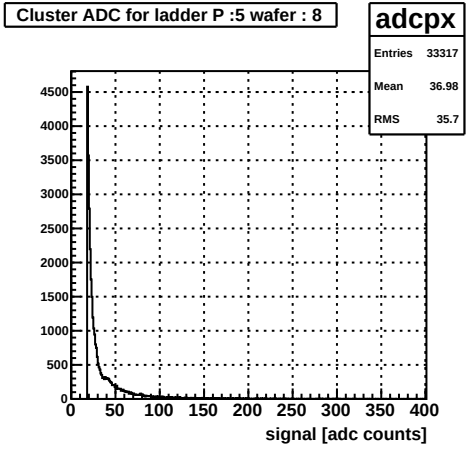

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 14208
Mean 57.86
RMS 51.73
signal [adc counts]

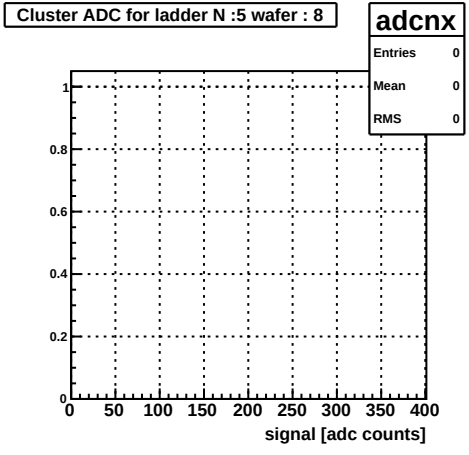

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 7689
Mean 59.16
RMS 54.84
signal [adc counts]

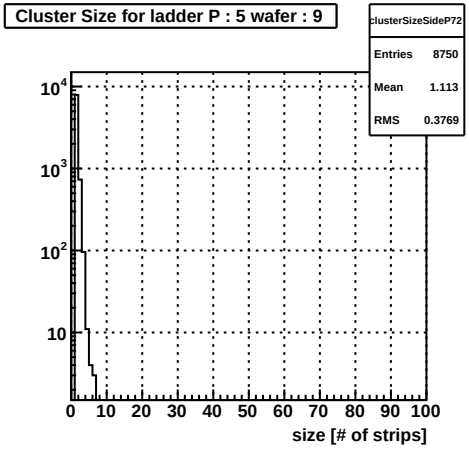

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 33317
Mean 1.113
RMS 0.3747
size [# of strips]

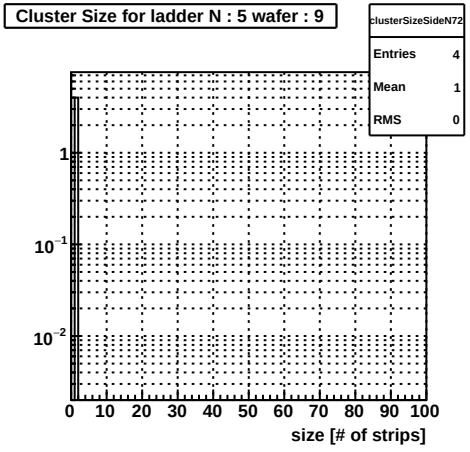

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

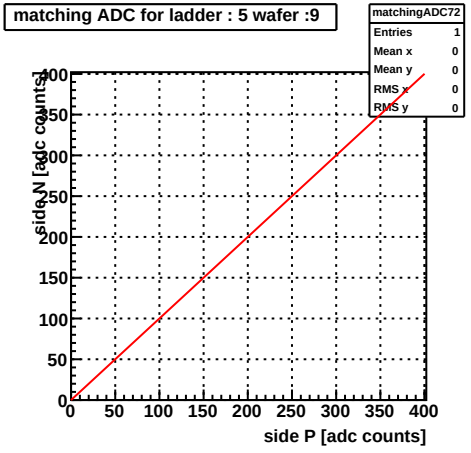

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

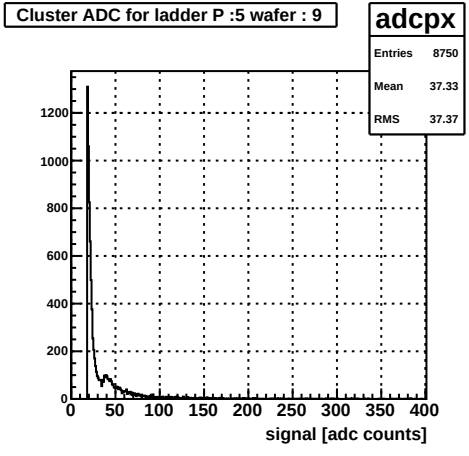

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 33317
Mean 36.98
RMS 35.7
signal [adc counts]

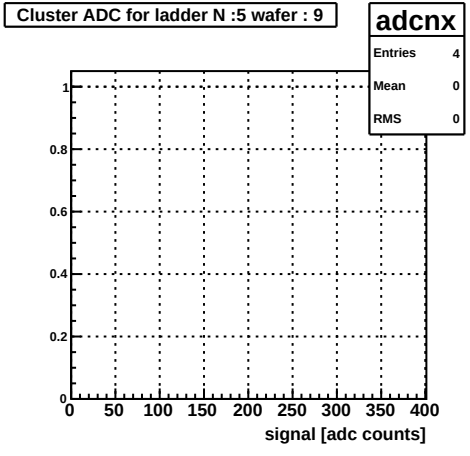

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

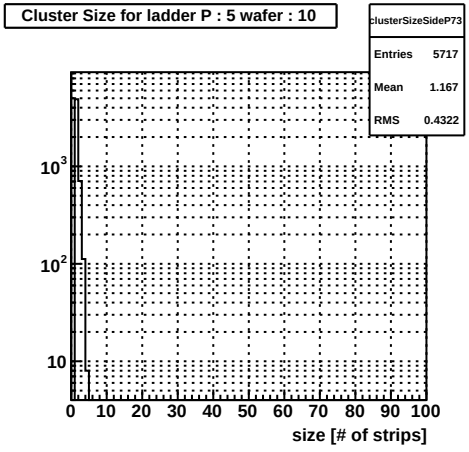

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8750
Mean 1.113
RMS 0.3769
size [# of strips]

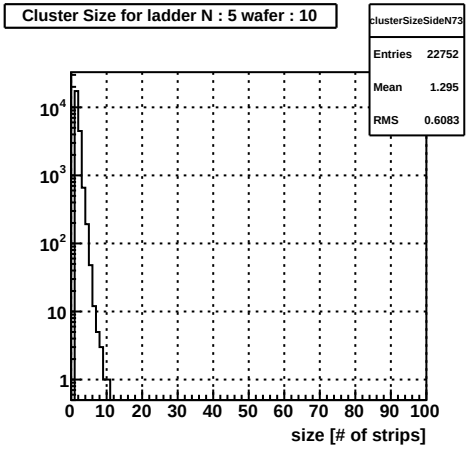

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

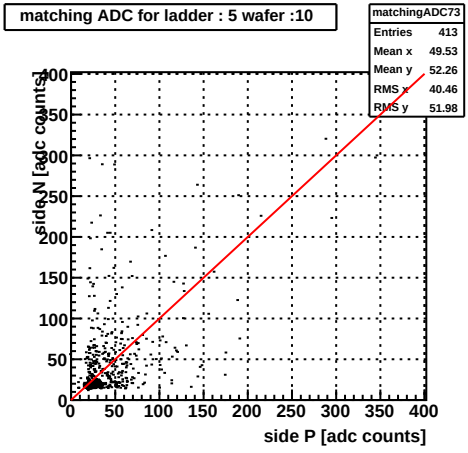

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

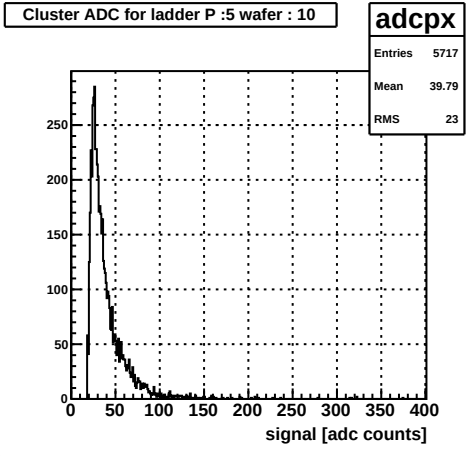

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8750
Mean 37.33
RMS 37.37
signal [adc counts]

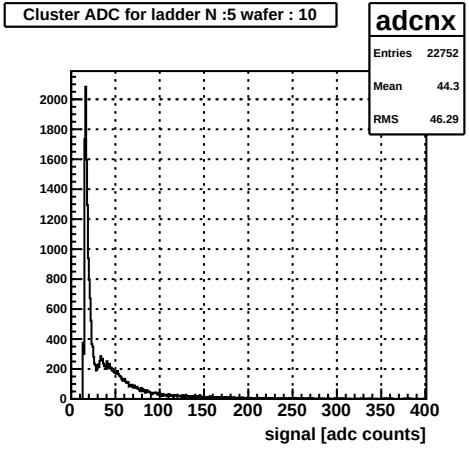

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

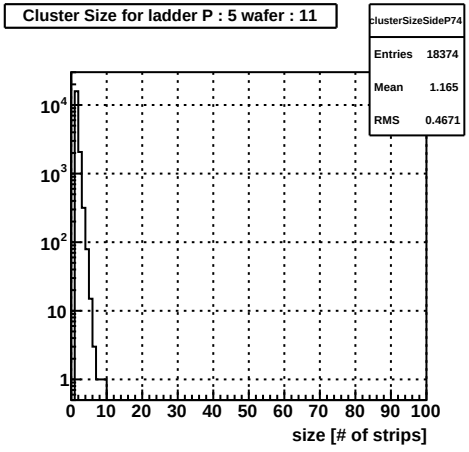

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5717
Mean 1.167
RMS 0.4322
size [# of strips]

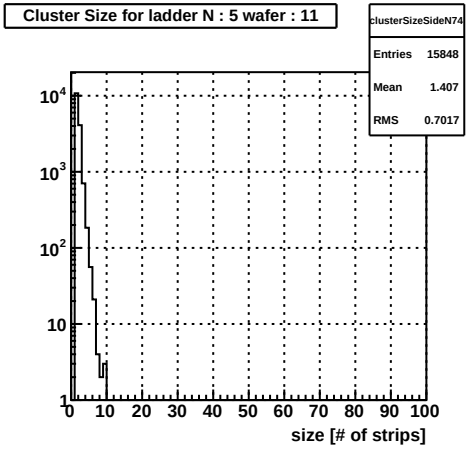

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 22752
Mean 1.295
RMS 0.6083
size [# of strips]

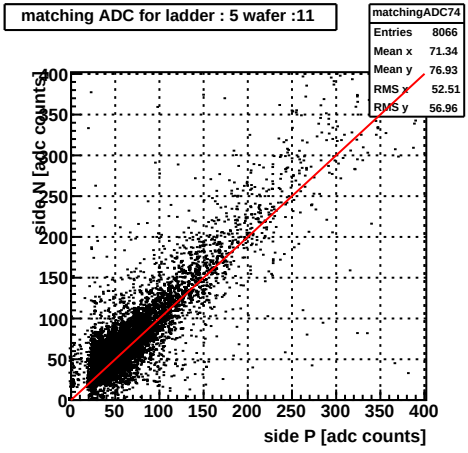

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 413
Mean x 49.53
Mean y 52.26
RMS x 40.46
RMS y 51.98
side N [adc counts]
side P [adc counts]

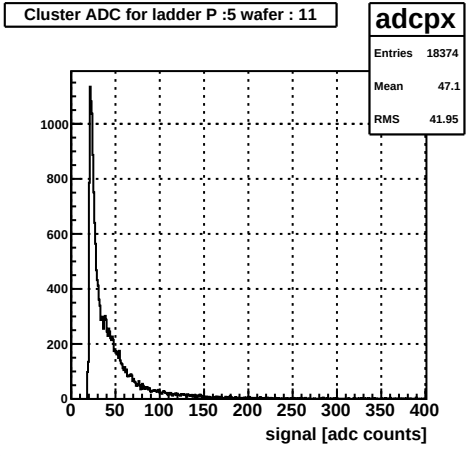

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5717
Mean 39.79
RMS 23
signal [adc counts]

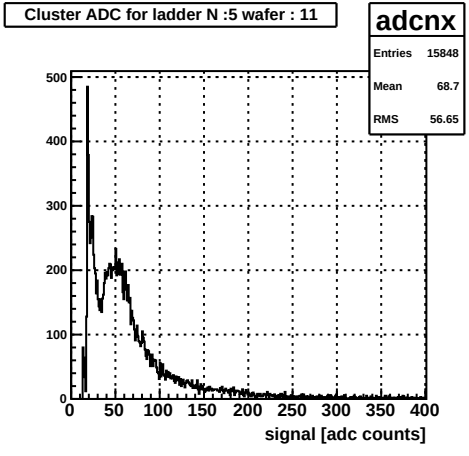

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 22752
Mean 44.3
RMS 46.29
signal [adc counts]

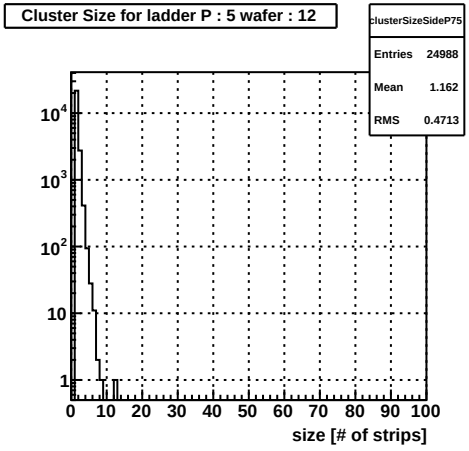

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 18374
Mean 1.165
RMS 0.4671
size [# of strips]

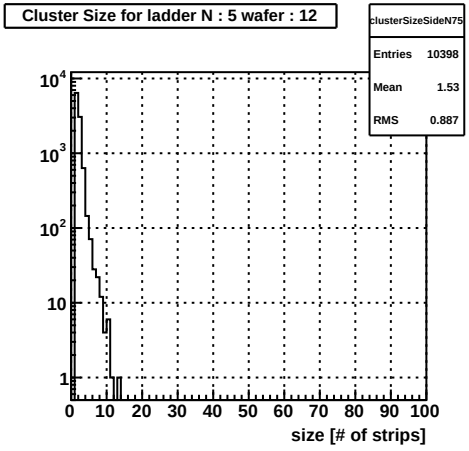

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 15848
Mean 1.407
RMS 0.7017
size [# of strips]

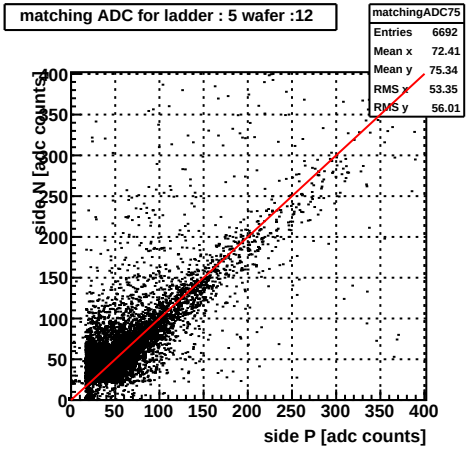

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 8066
Mean x 71.34
Mean y 76.93
RMS x 52.51
RMS y 56.96
side N [adc counts]
side P [adc counts]

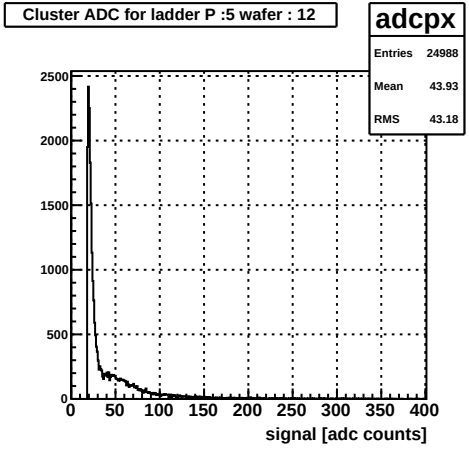

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 18374
Mean 47.1
RMS 41.95
signal [adc counts]

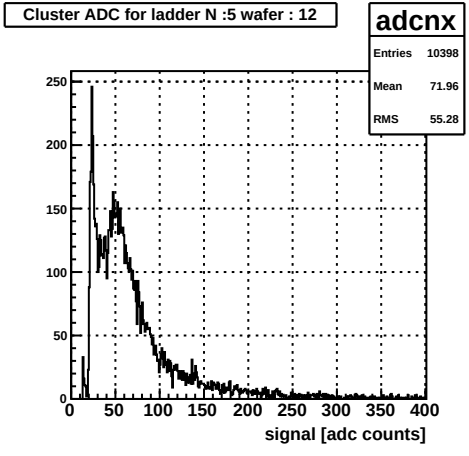

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 15848
Mean 68.7
RMS 56.65
signal [adc counts]

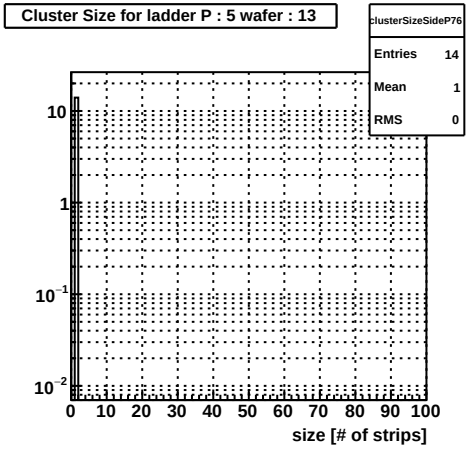

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 24988
Mean 1.162
RMS 0.4713
size [# of strips]

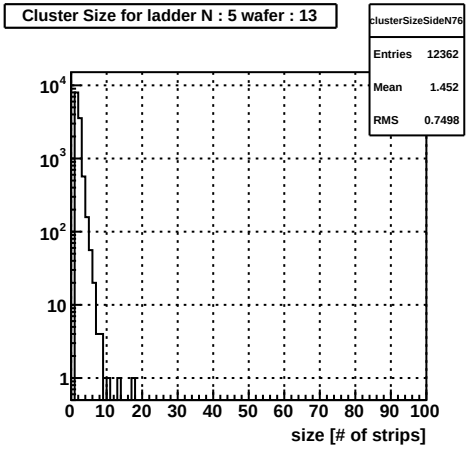

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 10398
Mean 1.53
RMS 0.887
size [# of strips]

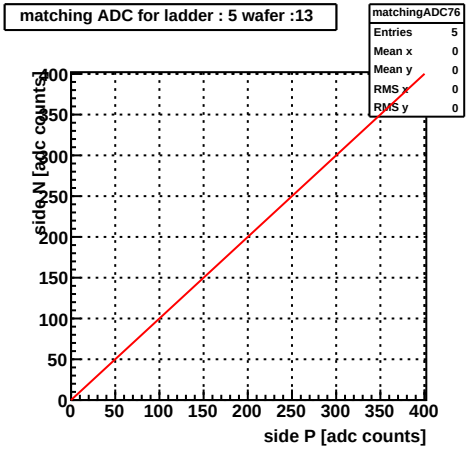

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 6692
Mean x 72.41
Mean y 75.34
RMS x 53.35
RMS y 56.01
side N [adc counts]
side P [adc counts]

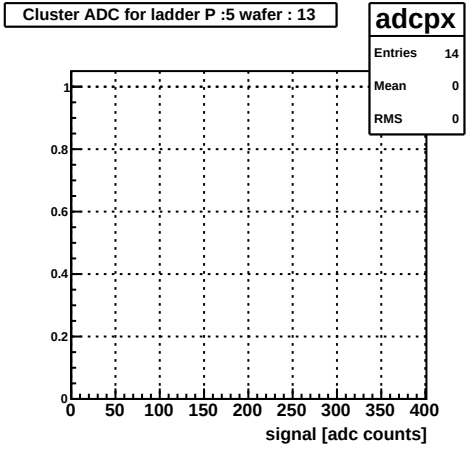

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 24988
Mean 43.93
RMS 43.18
signal [adc counts]

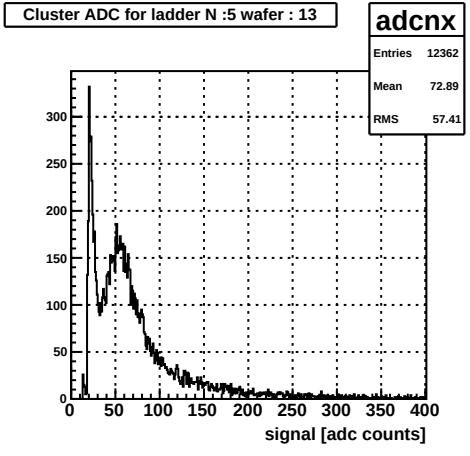

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 10398
Mean 71.96
RMS 55.28
signal [adc counts]

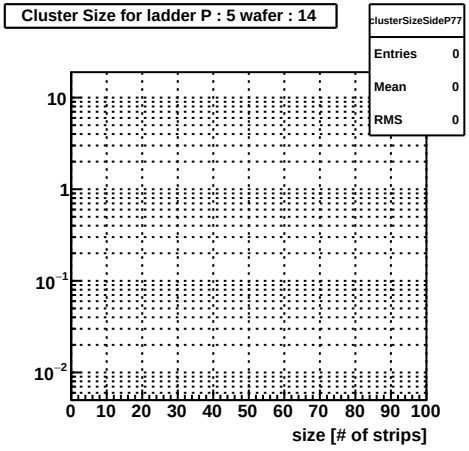

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 14
Mean 1
RMS 0
size [# of strips]

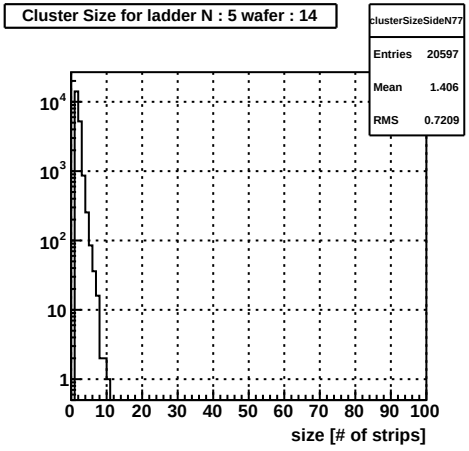

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 12362
Mean 1.452
RMS 0.7498
size [# of strips]

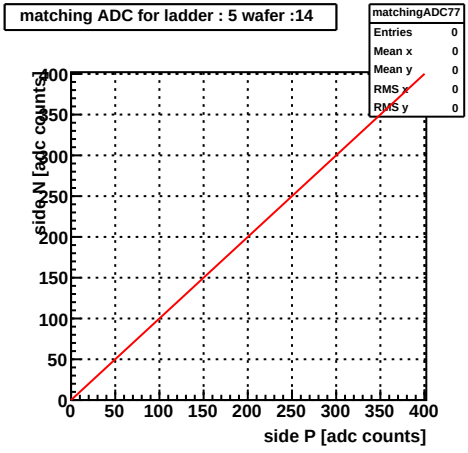

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

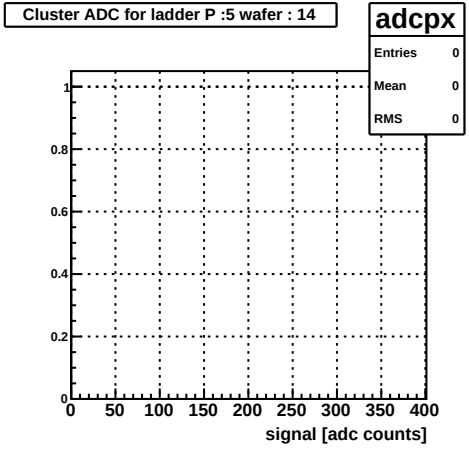

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

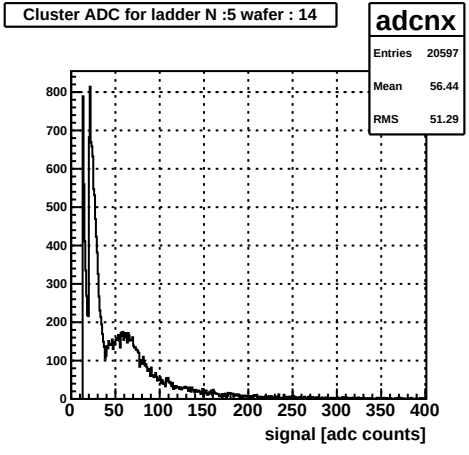

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 12362
Mean 72.89
RMS 57.41
signal [adc counts]

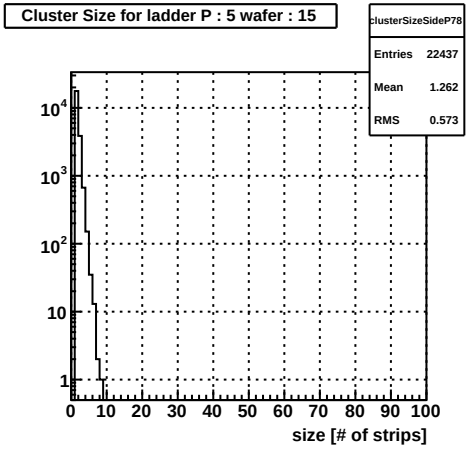

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

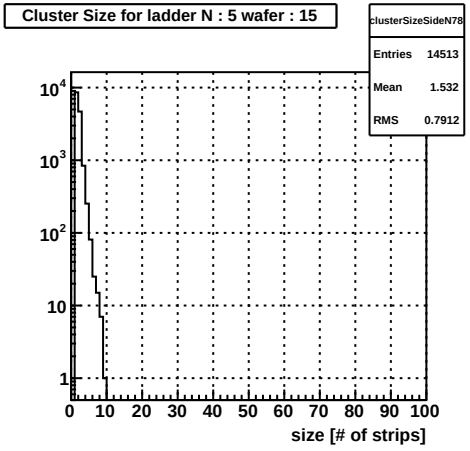

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 20597
Mean 1.406
RMS 0.7209
size [# of strips]

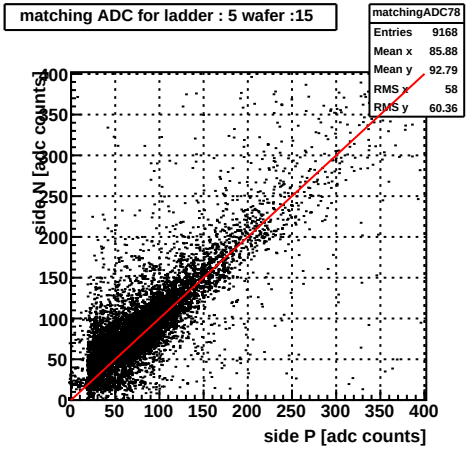

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

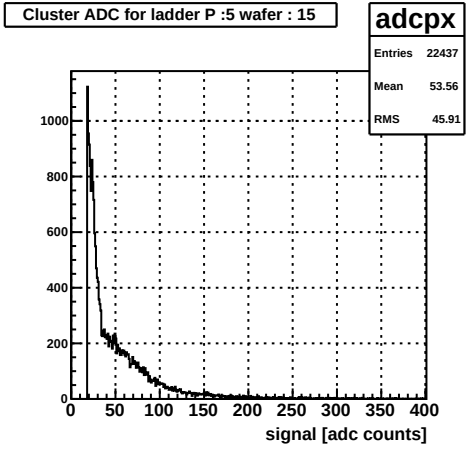

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

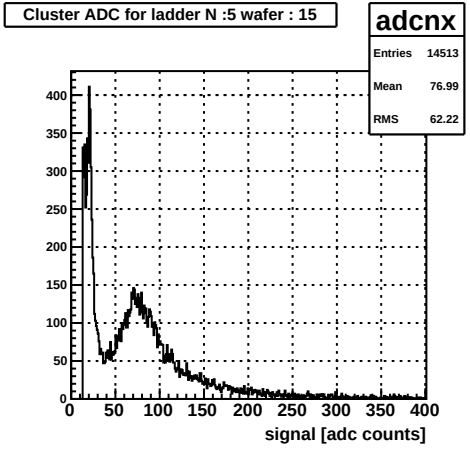

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 20597
Mean 56.44
RMS 51.29
signal [adc counts]

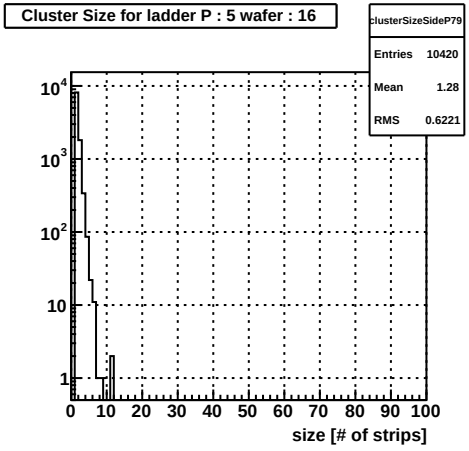

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 22437
Mean 1.262
RMS 0.573
size [# of strips]

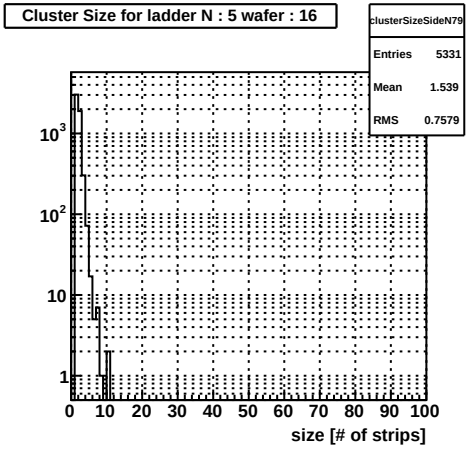

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 14513
Mean 1.532
RMS 0.7912
size [# of strips]

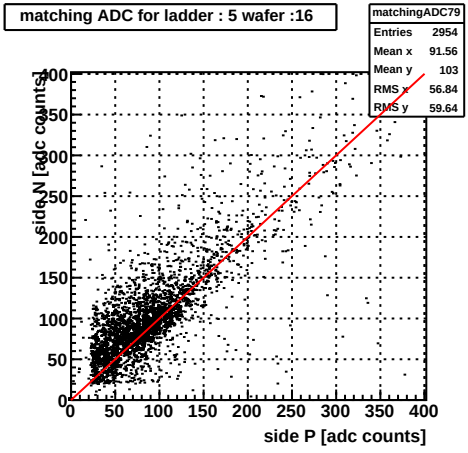

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9168
Mean x 85.88
Mean y 92.79
RMS x 58
RMS y 60.36
side N [adc counts]
side P [adc counts]

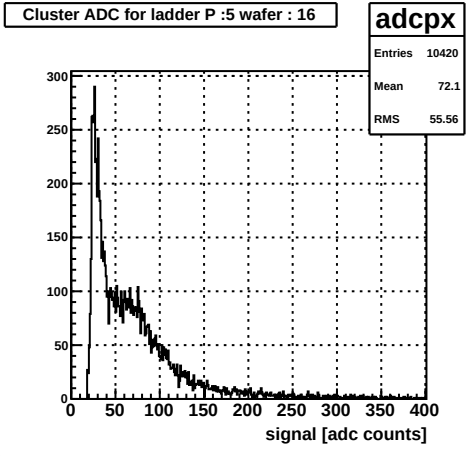

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 22437
Mean 53.56
RMS 45.91
signal [adc counts]

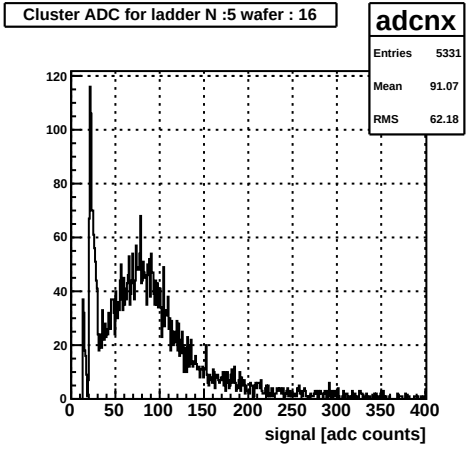

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 14513
Mean 76.99
RMS 62.22
signal [adc counts]

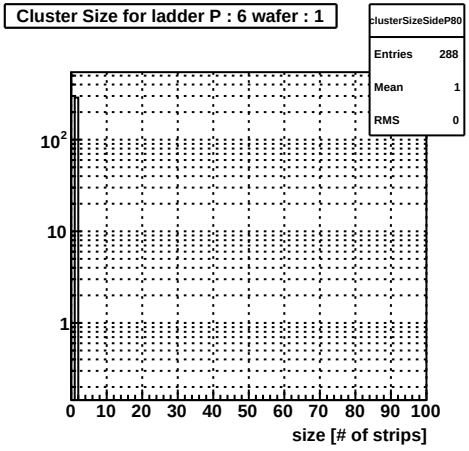

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10420
Mean 1.28
RMS 0.6221
size [# of strips]

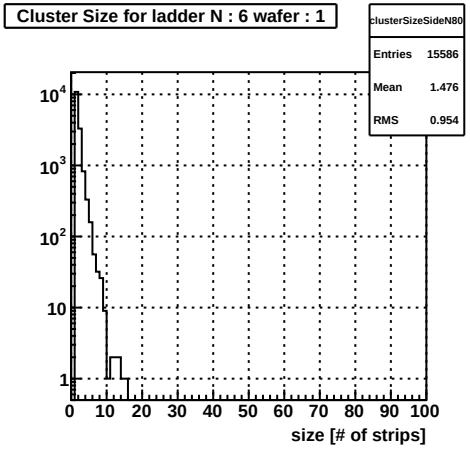

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5331
Mean 1.539
RMS 0.7579
size [# of strips]

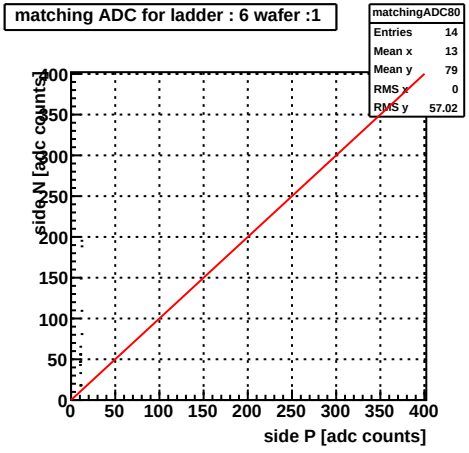

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2954
Mean x 91.56
Mean y 103
RMS x 56.84
RMS y 59.64
side N [adc counts]
side P [adc counts]

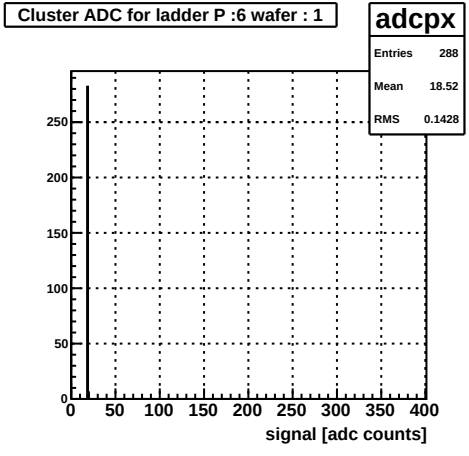

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10420
Mean 72.1
RMS 55.56
signal [adc counts]

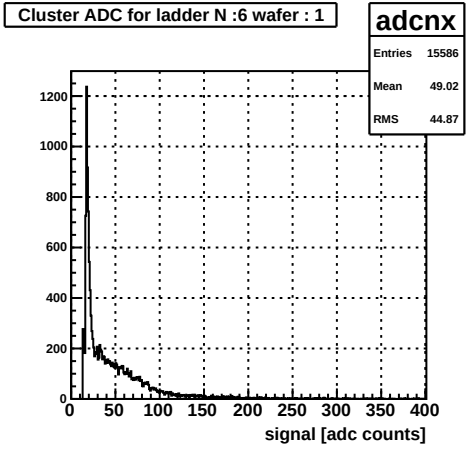

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5331
Mean 91.07
RMS 62.18
signal [adc counts]

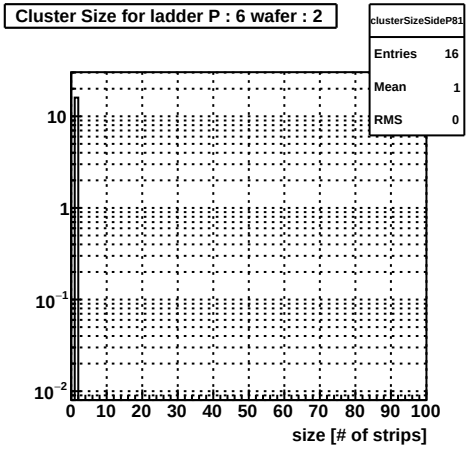

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 288
Mean 1
RMS 0
size [# of strips]

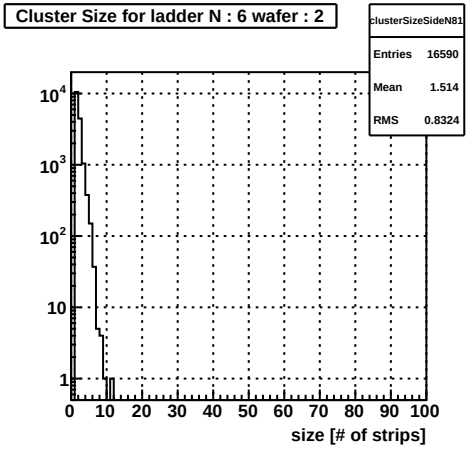

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 15586
Mean 1.476
RMS 0.954
size [# of strips]

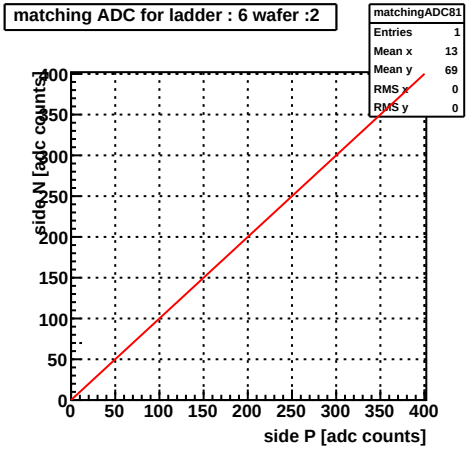

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 14
Mean x 13
Mean y 79
RMS x 0
RMS y 57.02
side N [adc counts]
side P [adc counts]

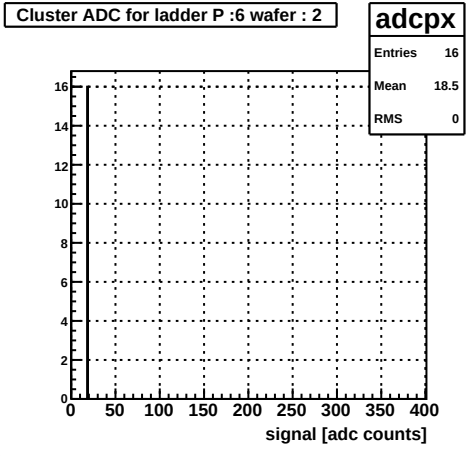

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 288
Mean 18.52
RMS 0.1428
signal [adc counts]

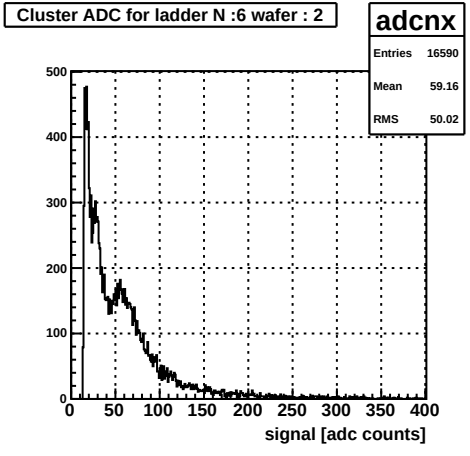

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 15586
Mean 49.02
RMS 44.87
signal [adc counts]

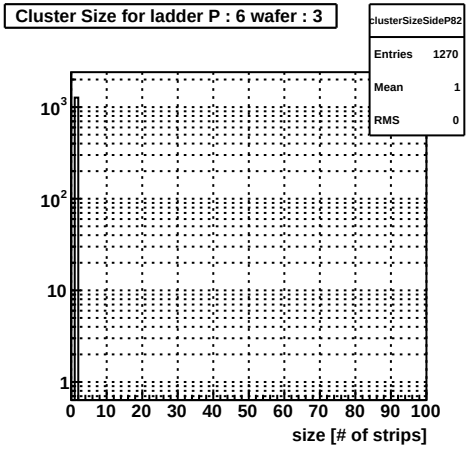

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 16
Mean 1
RMS 0
size [# of strips]

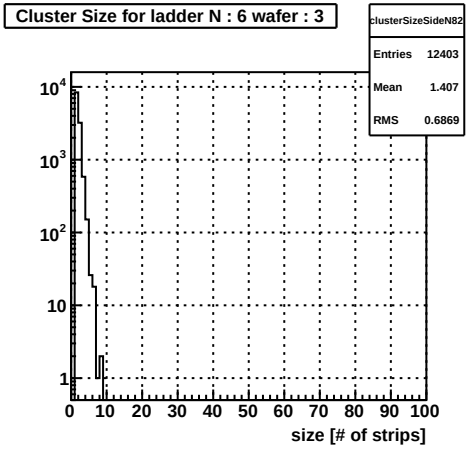

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 16590
Mean 1.514
RMS 0.8324
size [# of strips]

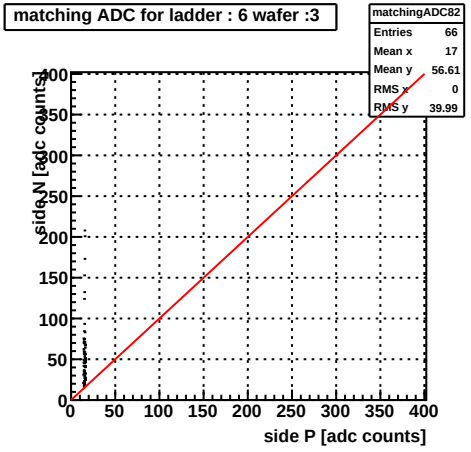

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1
Mean x 13
Mean y 69
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

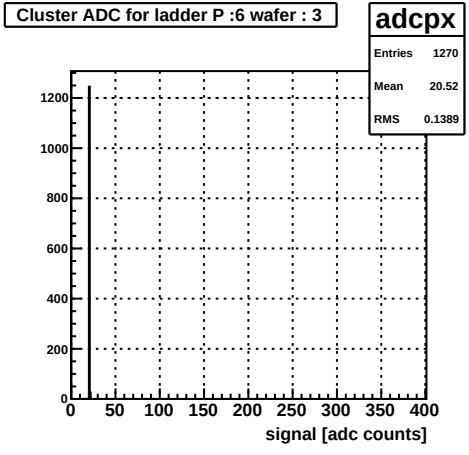

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 16
Mean 18.5
RMS 0
signal [adc counts]

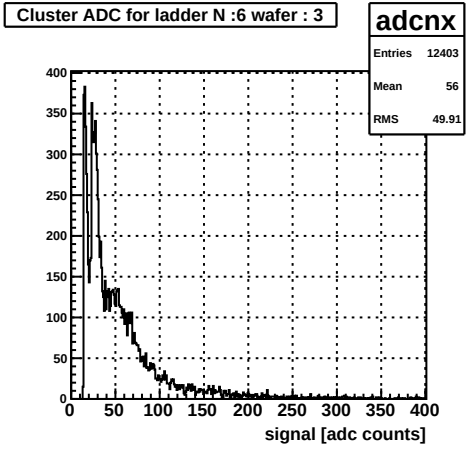

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 16590
Mean 59.16
RMS 50.02
signal [adc counts]

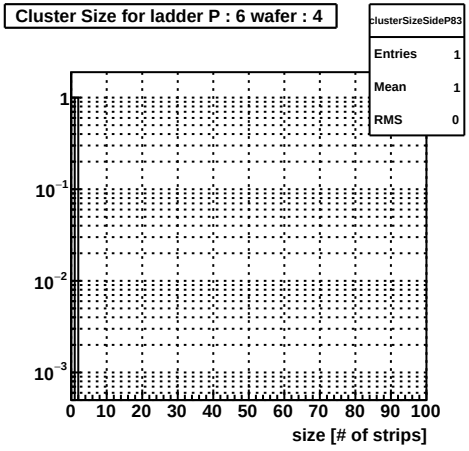

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1270
Mean 1
RMS 0
size [# of strips]

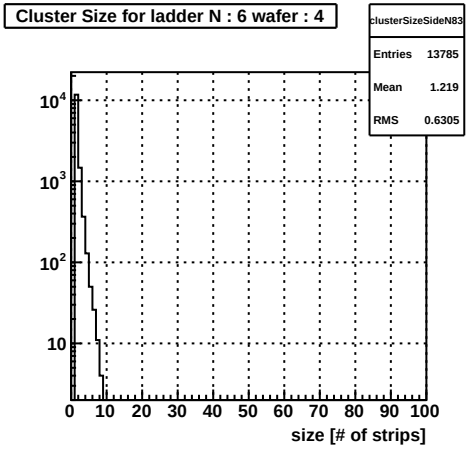

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 12403
Mean 1.407
RMS 0.6869
size [# of strips]

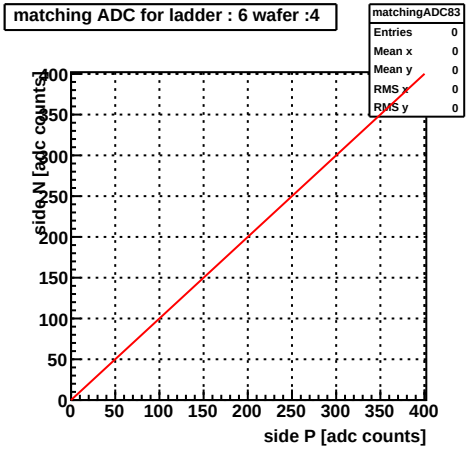

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 66
Mean x 17
Mean y 56.61
RMS x 0
RMS y 39.99
side N [adc counts]
side P [adc counts]

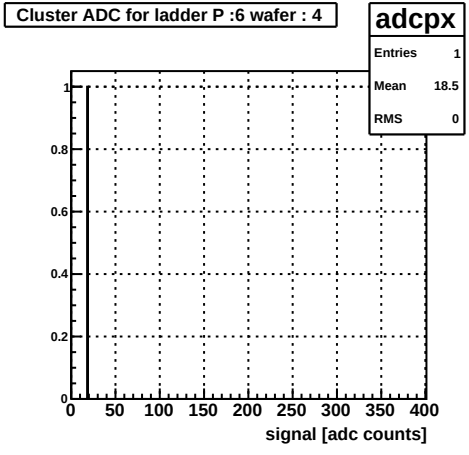

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1270
Mean 20.52
RMS 0.1389
signal [adc counts]

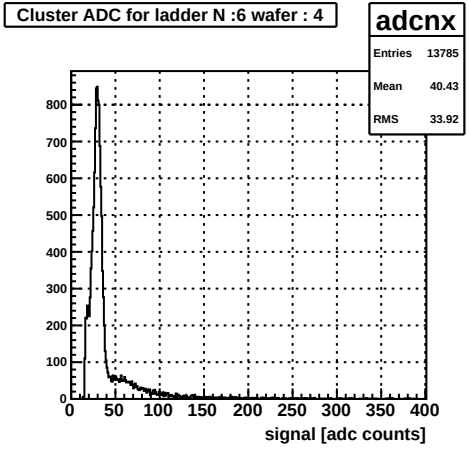

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 12403
Mean 56
RMS 49.91
signal [adc counts]

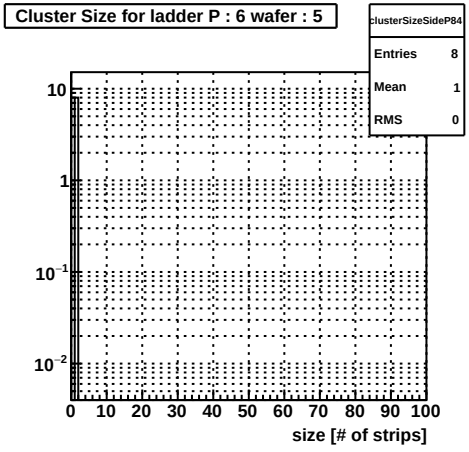

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1
Mean 1
RMS 0
size [# of strips]

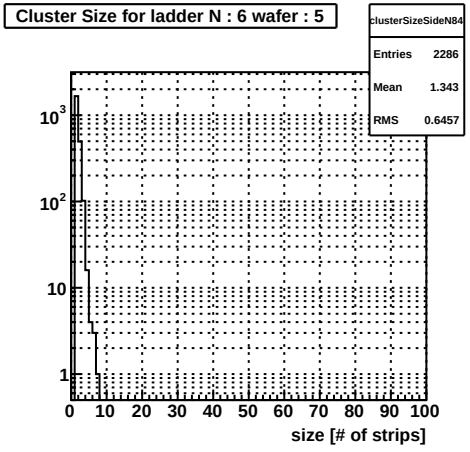

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 13785
Mean 1.219
RMS 0.6305
size [# of strips]

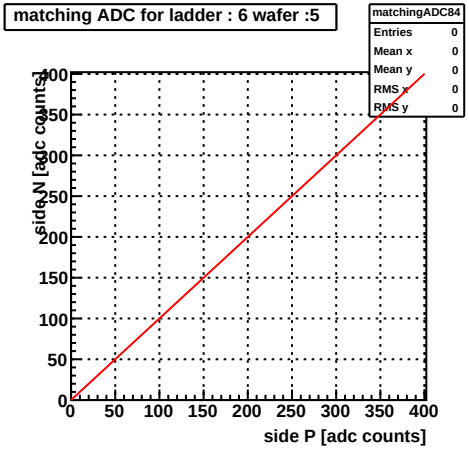

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

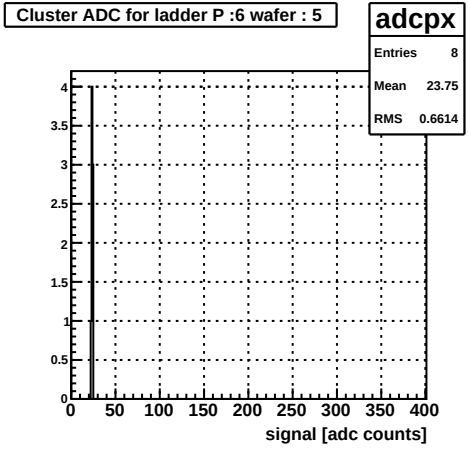

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

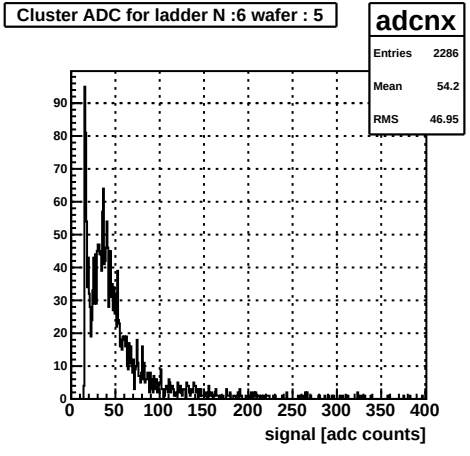

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 13785
Mean 40.43
RMS 33.92
signal [adc counts]

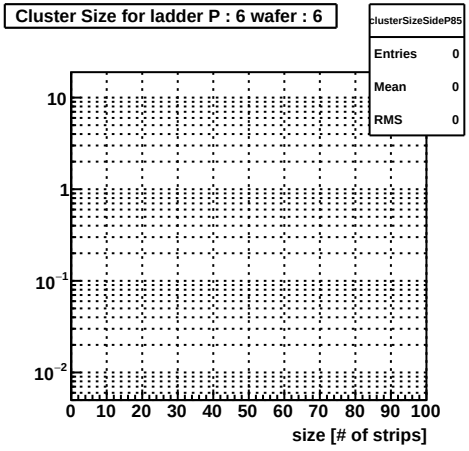

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 8
Mean 1
RMS 0
size [# of strips]

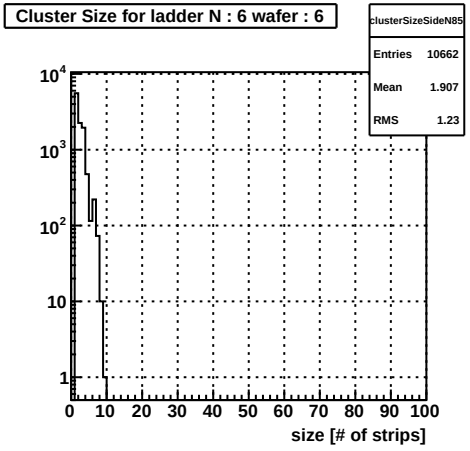

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2286
Mean 1.343
RMS 0.6457
size [# of strips]

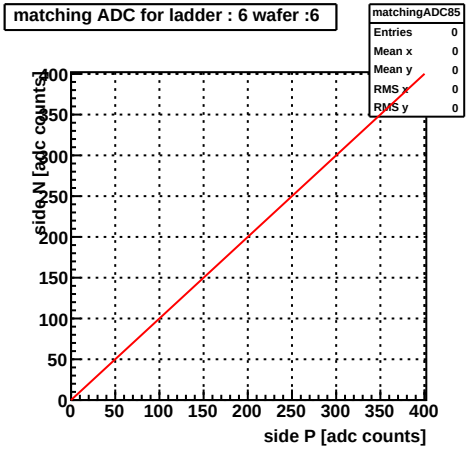

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

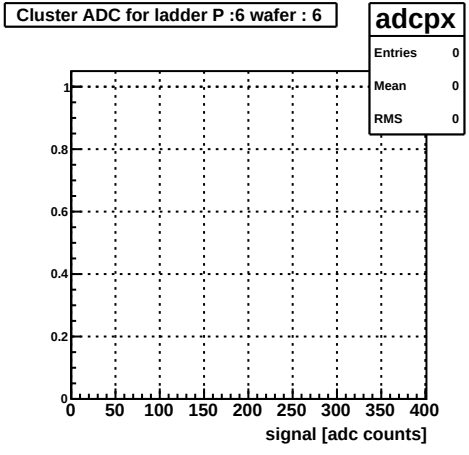

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 8
Mean 23.75
RMS 0.6614
signal [adc counts]

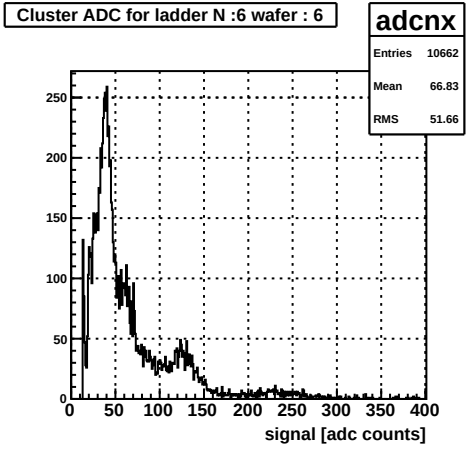

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2286
Mean 54.2
RMS 46.95
signal [adc counts]

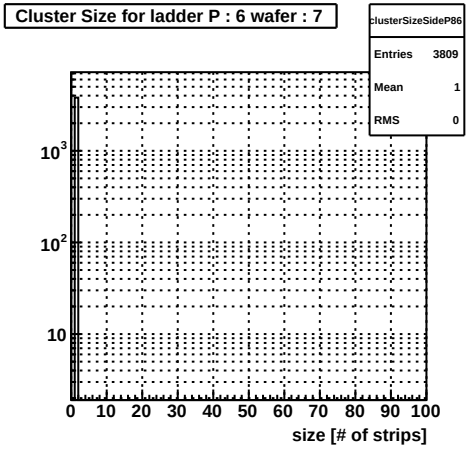

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 0
Mean 0
RMS 0
size [# of strips]

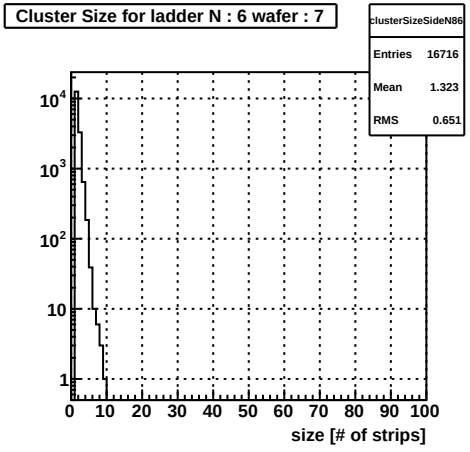

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 10662
Mean 1.907
RMS 1.23
size [# of strips]

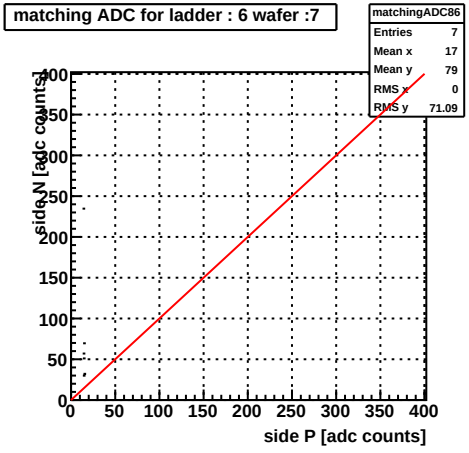

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

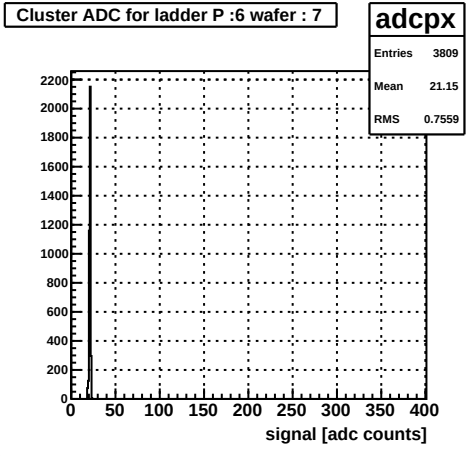

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

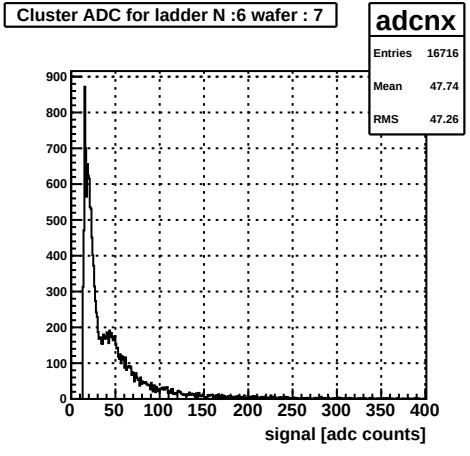

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 10662
Mean 66.83
RMS 51.66
signal [adc counts]

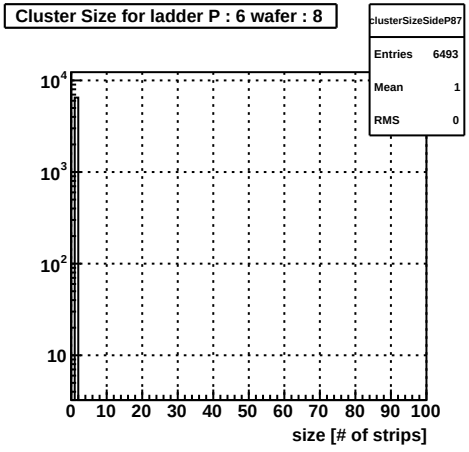

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 3809
Mean 1
RMS 0
size [# of strips]

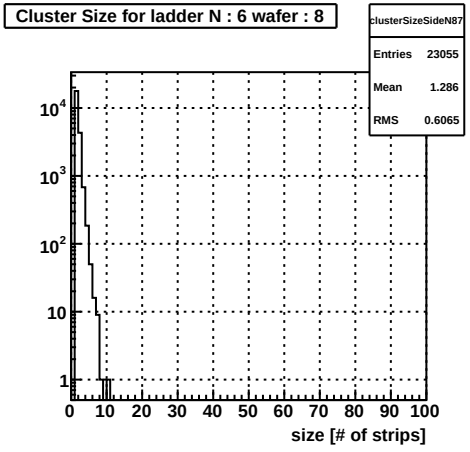

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 16716
Mean 1.323
RMS 0.651
size [# of strips]

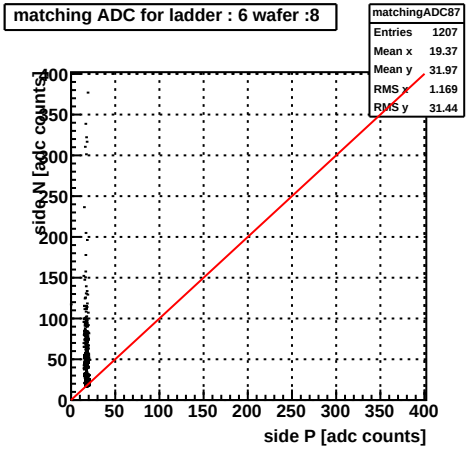

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 7
Mean x 17
Mean y 79
RMS x 0
RMS y 71.09
side N [adc counts]
side P [adc counts]

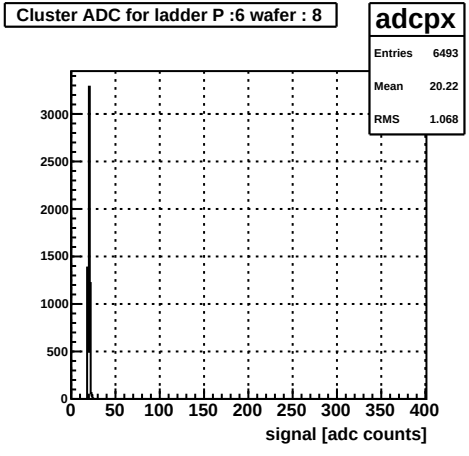

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 3809
Mean 21.15
RMS 0.7559
signal [adc counts]

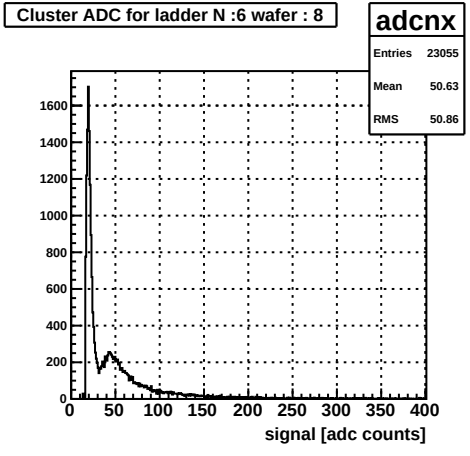

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 16716
Mean 47.74
RMS 47.26
signal [adc counts]

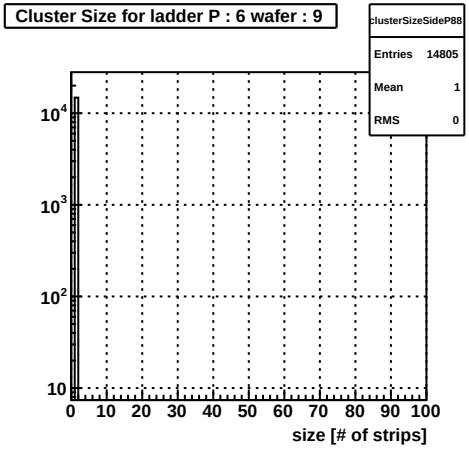

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 6493
Mean 1
RMS 0
size [# of strips]

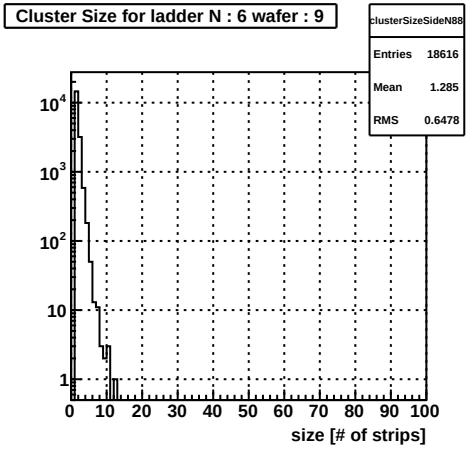

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 23055
Mean 1.286
RMS 0.6065
size [# of strips]

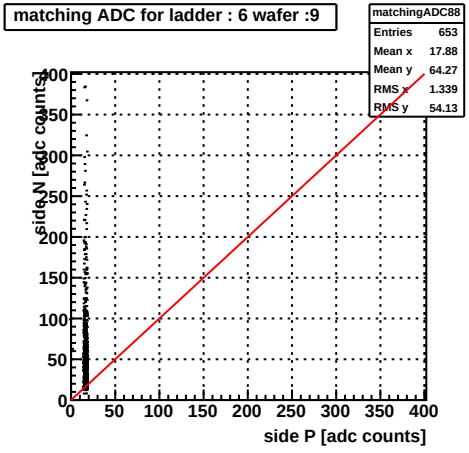

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1207
Mean x 19.37
Mean y 31.97
RMS x 1.169
RMS y 31.44
side N [adc counts]
side P [adc counts]

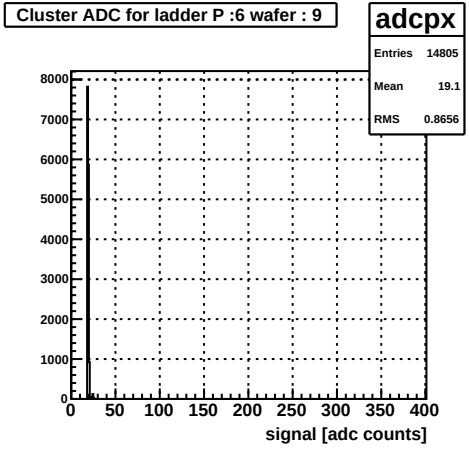

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 6493
Mean 20.22
RMS 1.068
signal [adc counts]

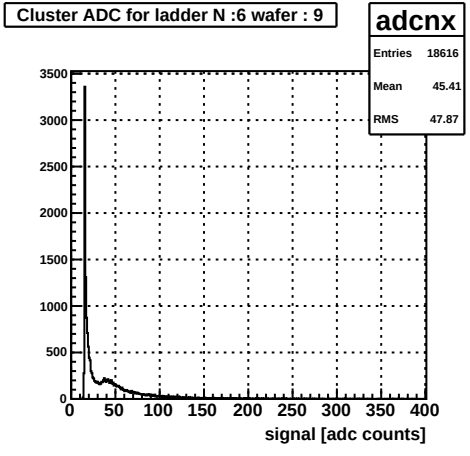

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 23055
Mean 50.63
RMS 50.86
signal [adc counts]

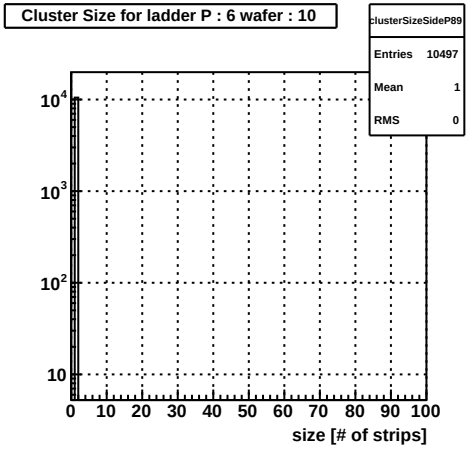

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 14805
Mean 1
RMS 0
size [# of strips]

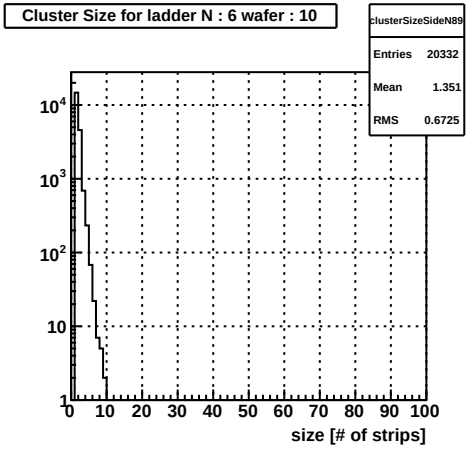

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 18616
Mean 1.285
RMS 0.6478
size [# of strips]

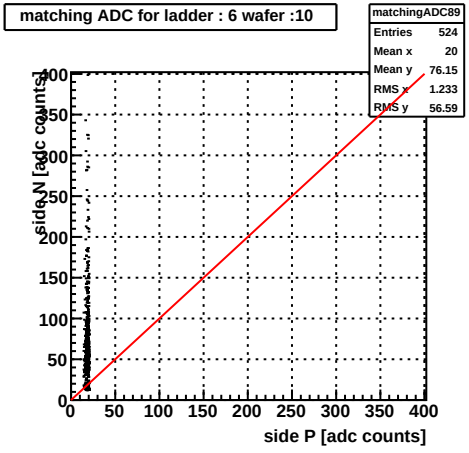

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 653
Mean x 17.88
Mean y 64.27
RMS x 1.339
RMS y 54.13
side N [adc counts]
side P [adc counts]

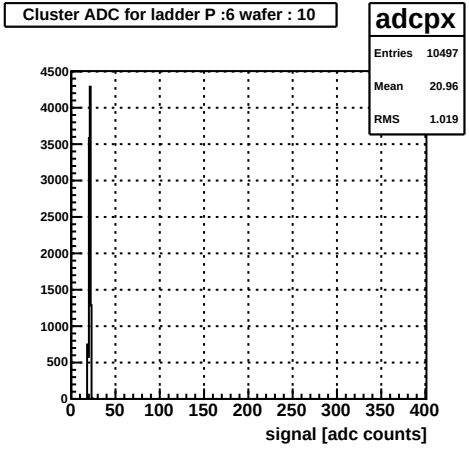

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 14805
Mean 19.1
RMS 0.8656
signal [adc counts]

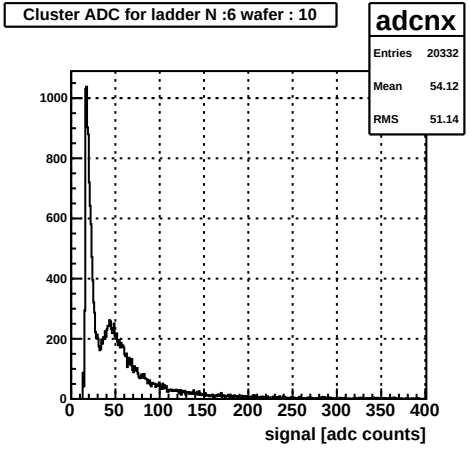

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 18616
Mean 45.41
RMS 47.87
signal [adc counts]

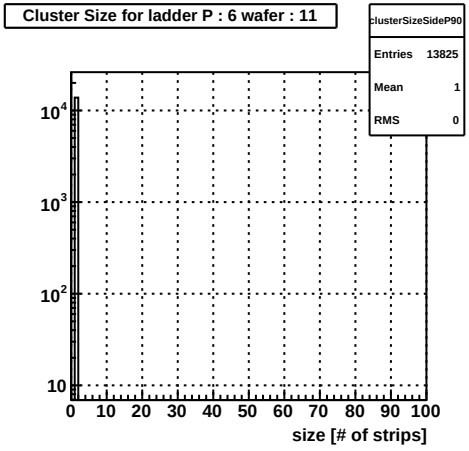

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 10497
Mean 1
RMS 0
size [# of strips]

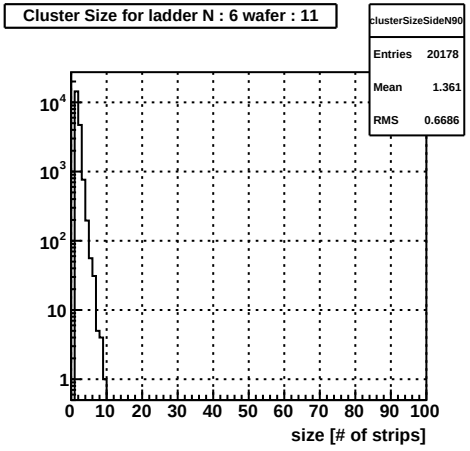

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 20332
Mean 1.351
RMS 0.6725
size [# of strips]

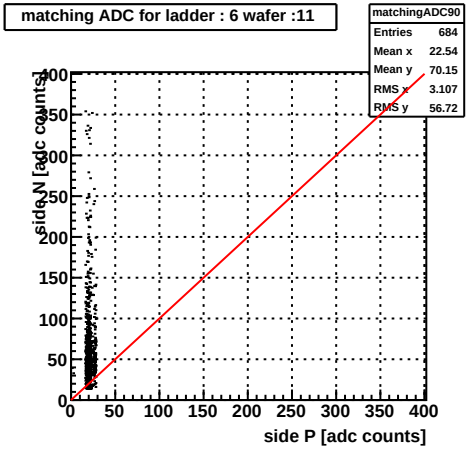

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 524
Mean x 20
Mean y 76.15
RMS x 1.233
RMS y 56.59
side N [adc counts]
side P [adc counts]

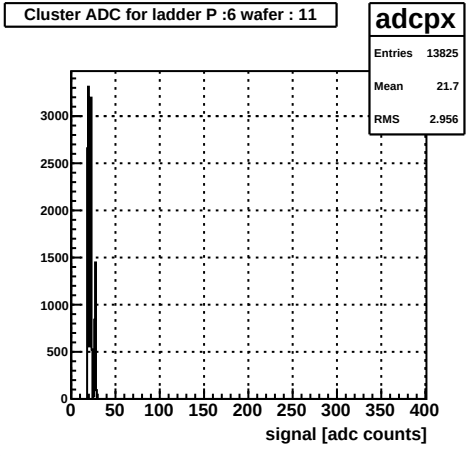

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 10497
Mean 20.96
RMS 1.019
signal [adc counts]

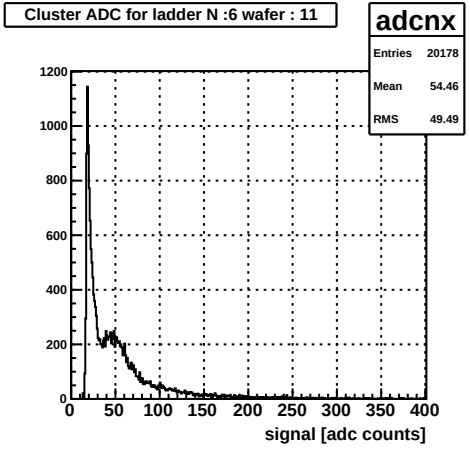

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 20332
Mean 54.12
RMS 51.14
signal [adc counts]

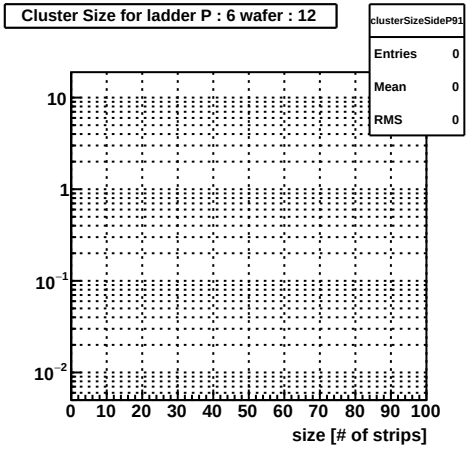

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13825
Mean 1
RMS 0
size [# of strips]

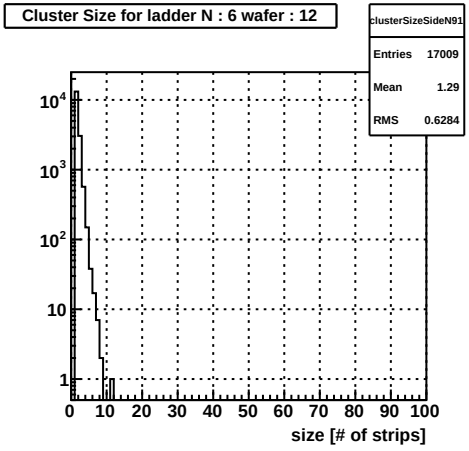

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 20178
Mean 1.361
RMS 0.6686
size [# of strips]

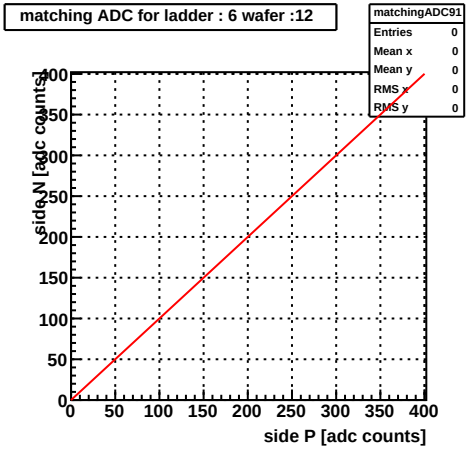

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 684
Mean x 22.54
Mean y 70.15
RMS x 3.107
RMS y 56.72
side N [adc counts]
side P [adc counts]

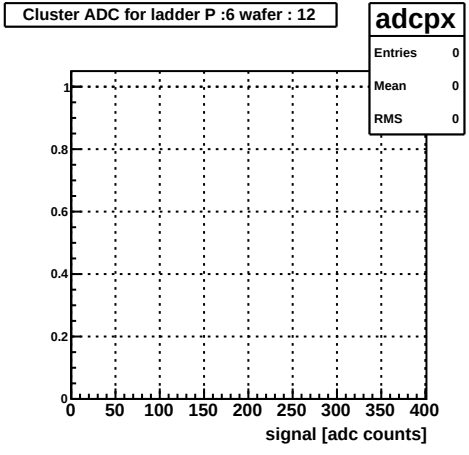

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13825
Mean 21.7
RMS 2.956
signal [adc counts]

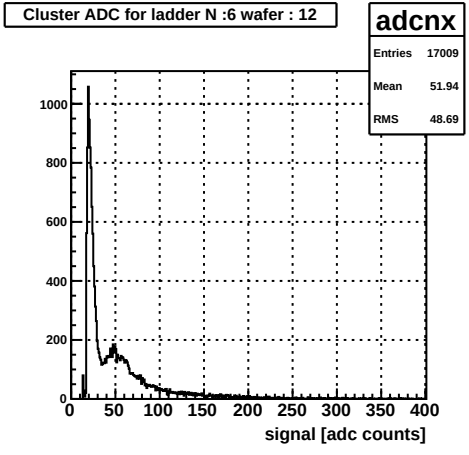

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 20178
Mean 54.46
RMS 49.49
signal [adc counts]

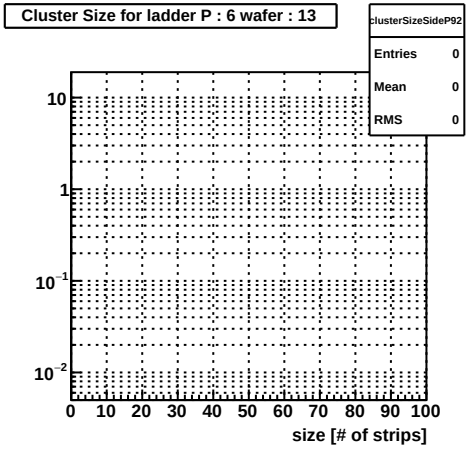

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

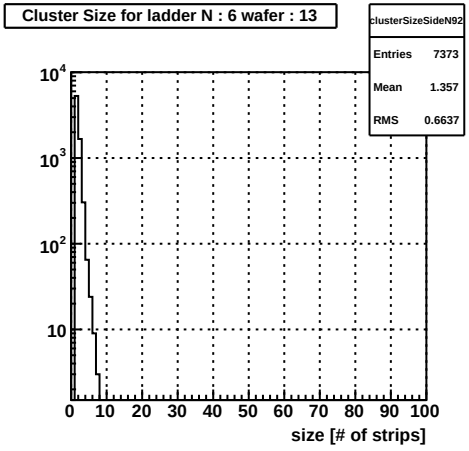

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 17009
Mean 1.29
RMS 0.6284
size [# of strips]

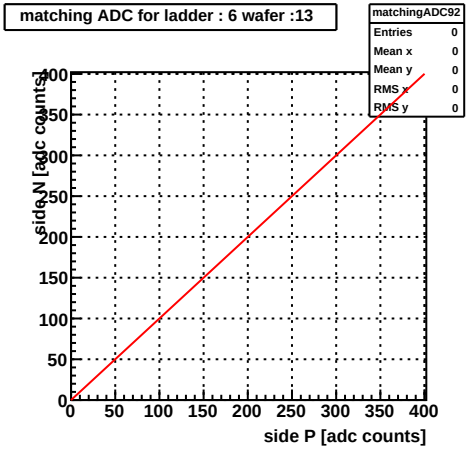

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

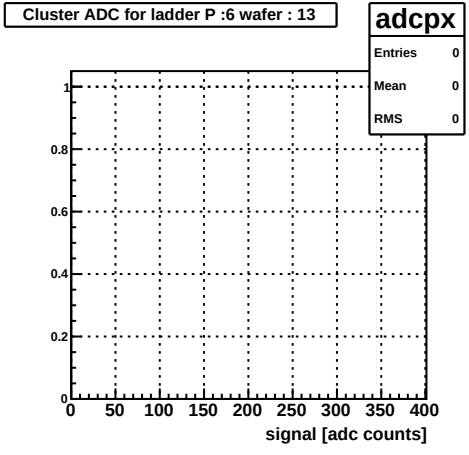

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

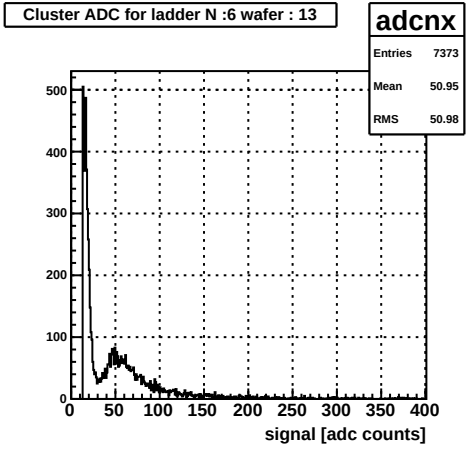

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 17009
Mean 51.94
RMS 48.69
signal [adc counts]

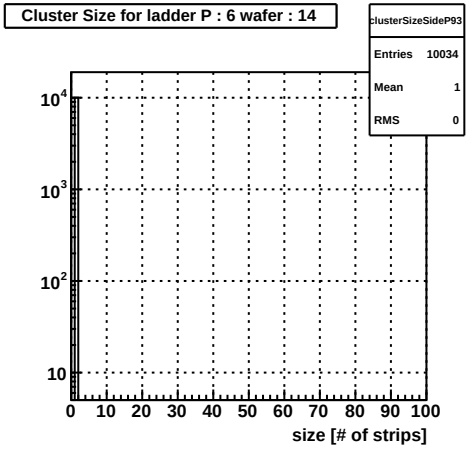

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 0
Mean 0
RMS 0
size [# of strips]

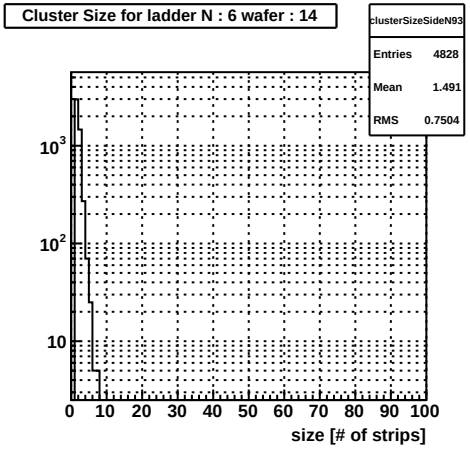

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 7373
Mean 1.357
RMS 0.6637
size [# of strips]

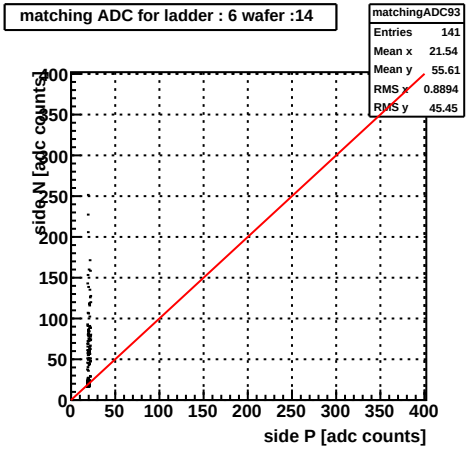

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

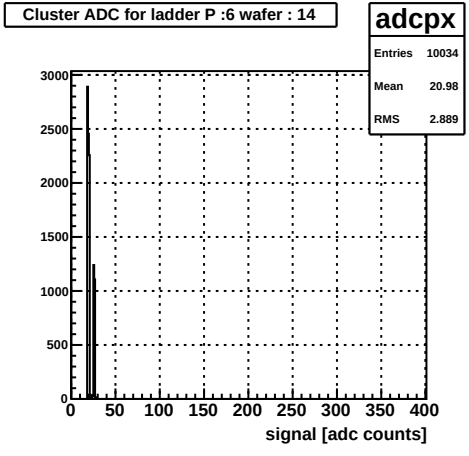

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

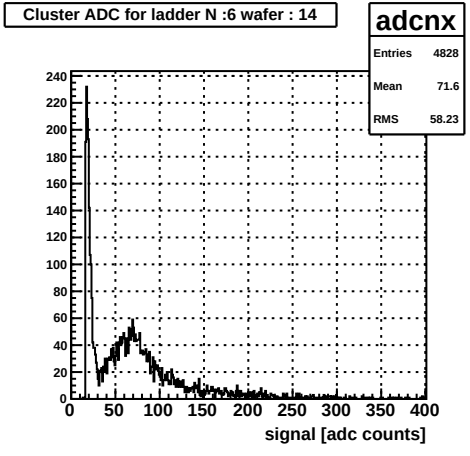

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 7373
Mean 50.95
RMS 50.98
signal [adc counts]

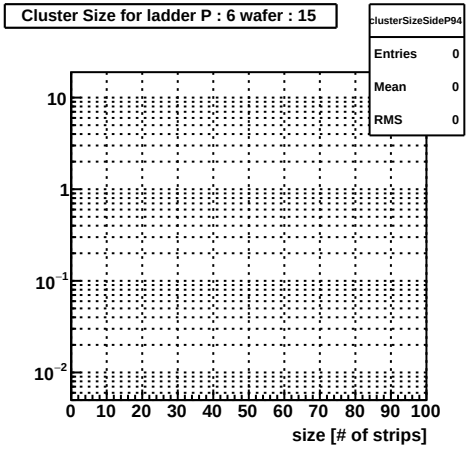

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 10034
Mean 1
RMS 0
size [# of strips]

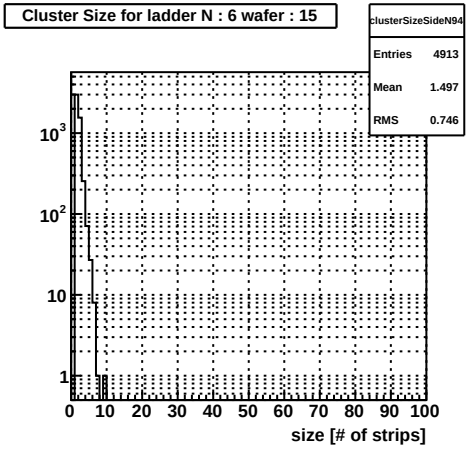

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4828
Mean 1.491
RMS 0.7504
size [# of strips]

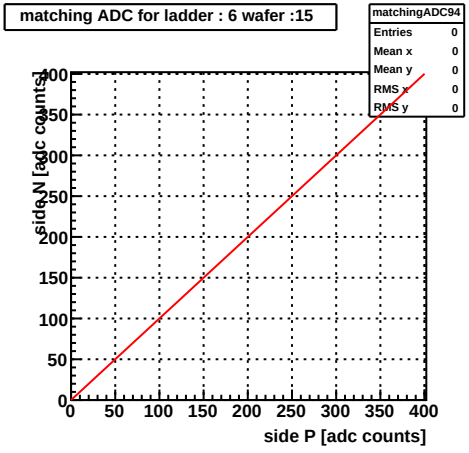

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 141
Mean x 21.54
Mean y 55.61
RMS x 0.8894
RMS y 45.45
side N [adc counts]
side P [adc counts]

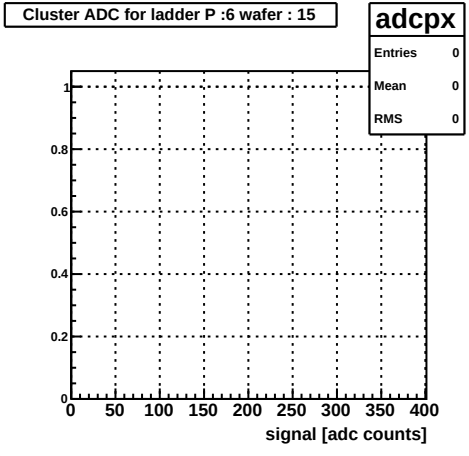

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 10034
Mean 20.98
RMS 2.889
signal [adc counts]

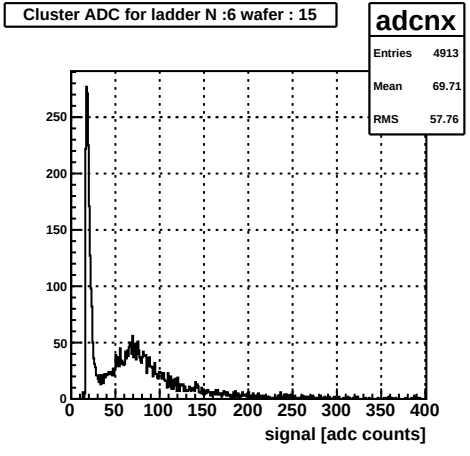

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4828
Mean 71.6
RMS 58.23
signal [adc counts]

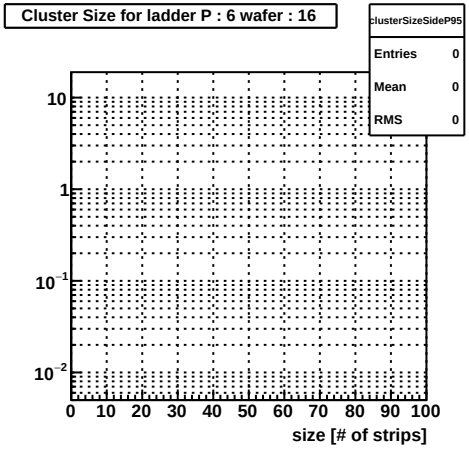

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

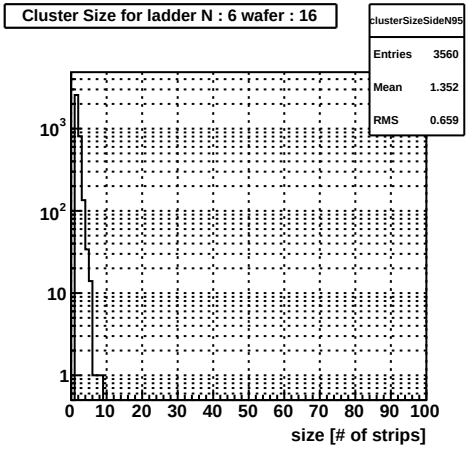

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4913
Mean 1.497
RMS 0.746
size [# of strips]

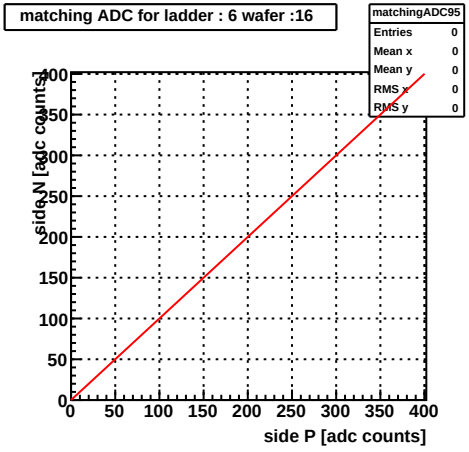

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

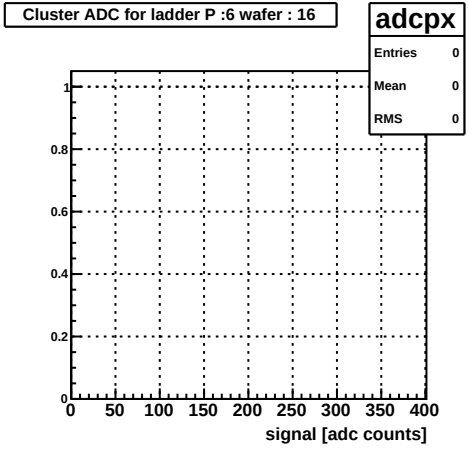

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

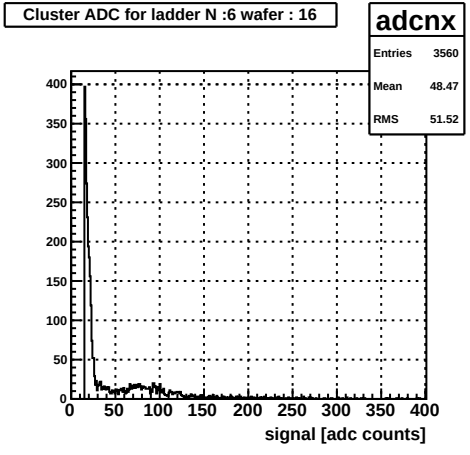

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4913
Mean 69.71
RMS 57.76
signal [adc counts]

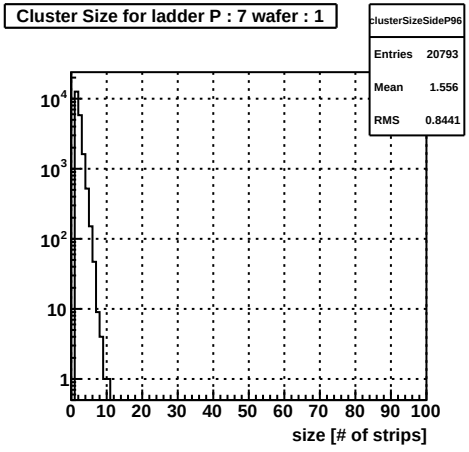

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

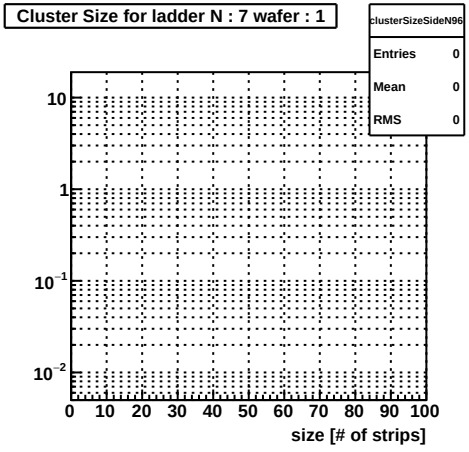

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3560
Mean 1.352
RMS 0.659
size [# of strips]

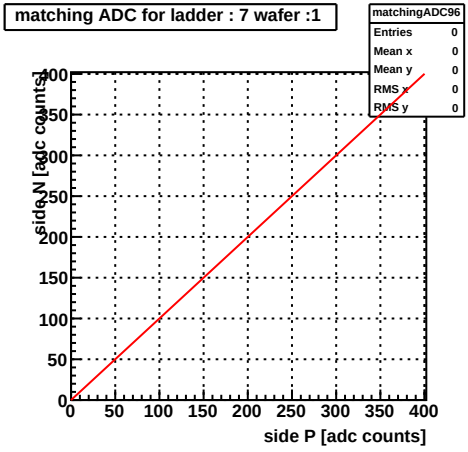

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

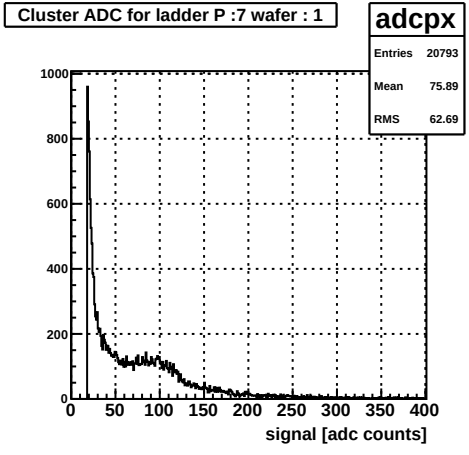

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

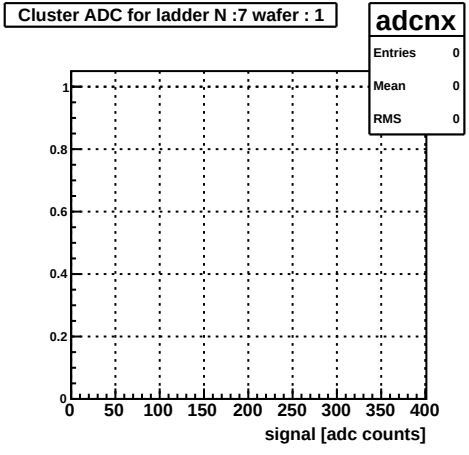

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3560
Mean 48.47
RMS 51.52
signal [adc counts]

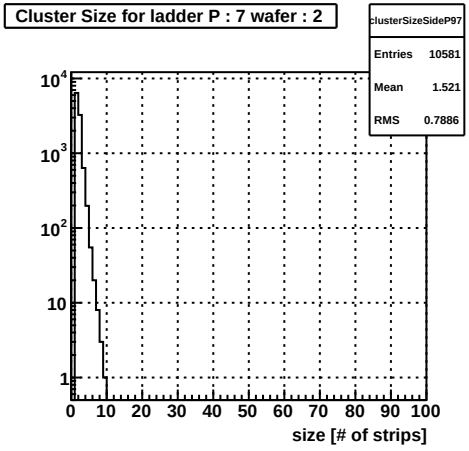

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 20793
Mean 1.556
RMS 0.8441
size [# of strips]

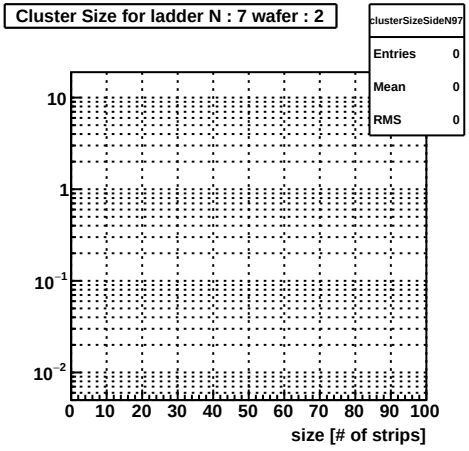

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

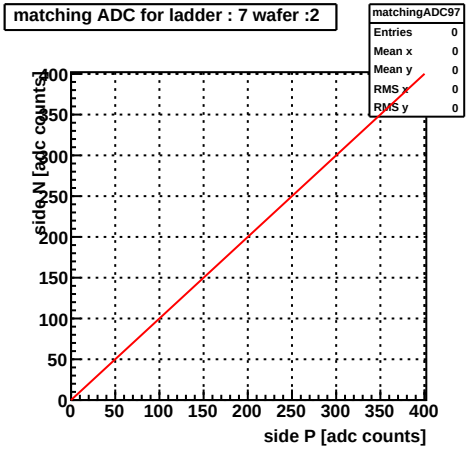

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

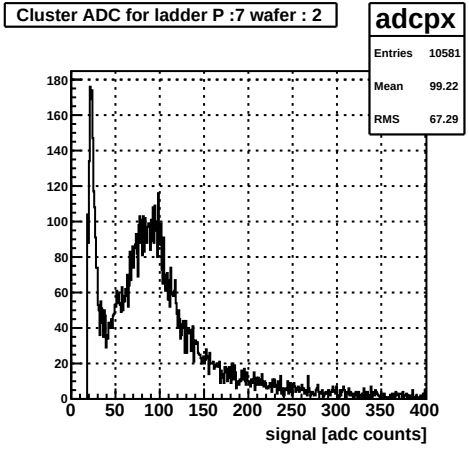

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 20793
Mean 75.89
RMS 62.69
signal [adc counts]

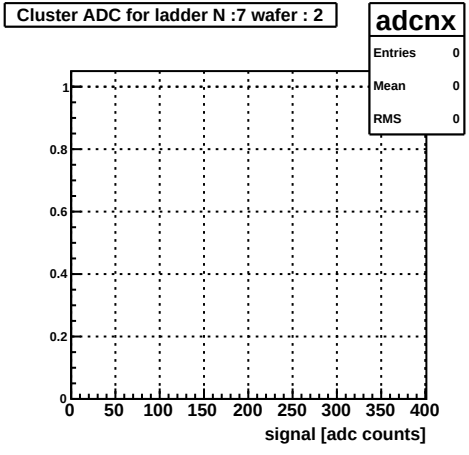

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

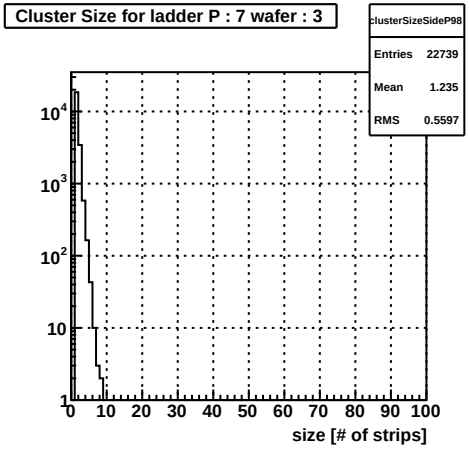

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 10581
Mean 1.521
RMS 0.7886
size [# of strips]

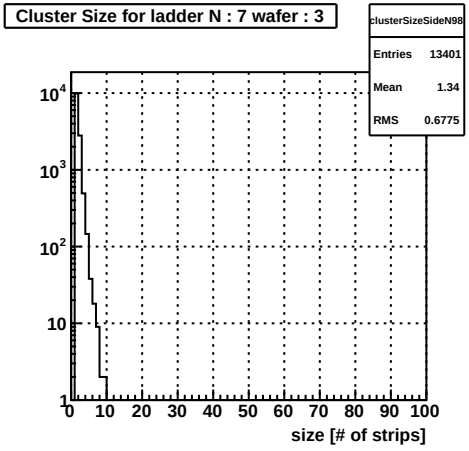

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

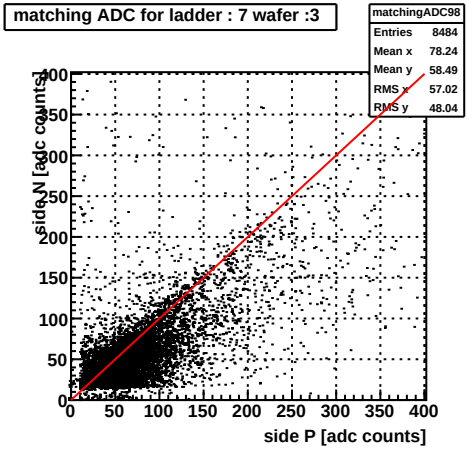

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

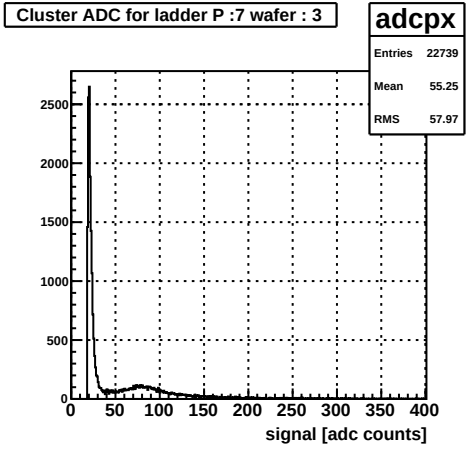

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 10581
Mean 99.22
RMS 67.29
signal [adc counts]

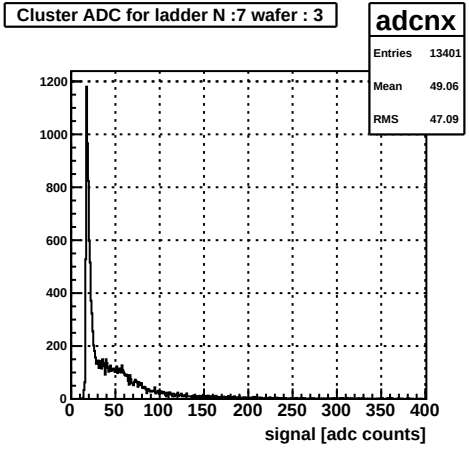

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

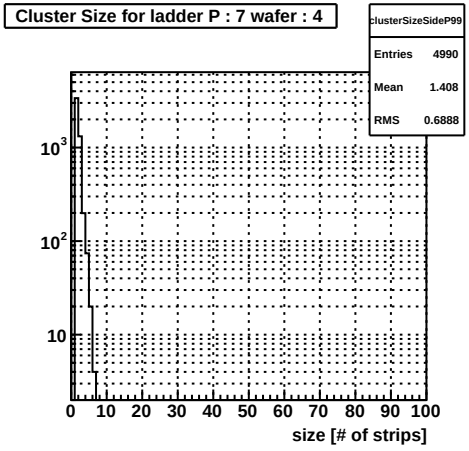

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 22739
Mean 1.235
RMS 0.5597
size [# of strips]

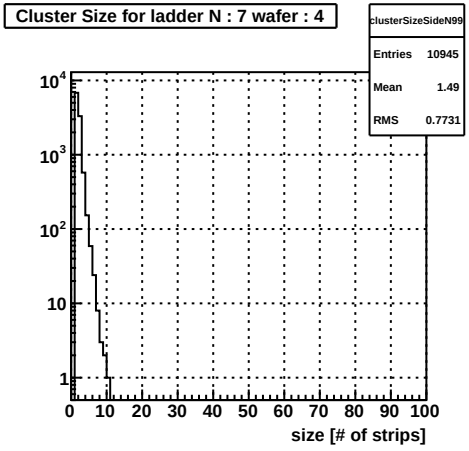

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 13401
Mean 1.34
RMS 0.6775
size [# of strips]

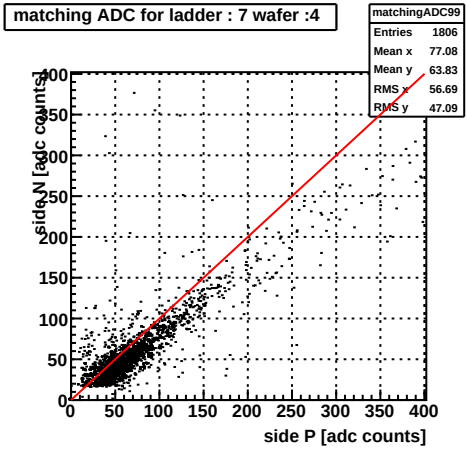

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 8484
Mean x 78.24
Mean y 58.49
RMS x 57.02
RMS y 48.04
side N [adc counts]
side P [adc counts]

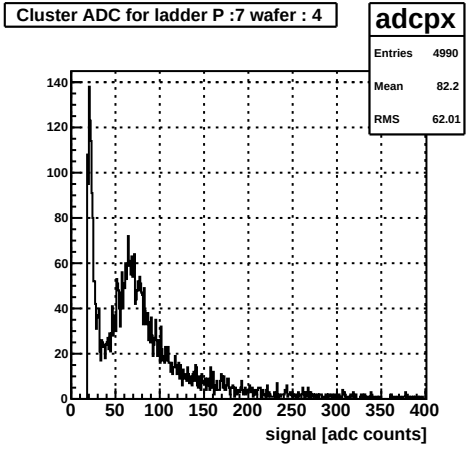

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 22739
Mean 55.25
RMS 57.97
signal [adc counts]

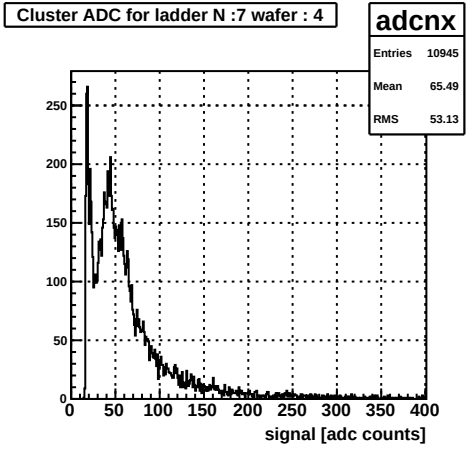

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 13401
Mean 49.06
RMS 47.09
signal [adc counts]

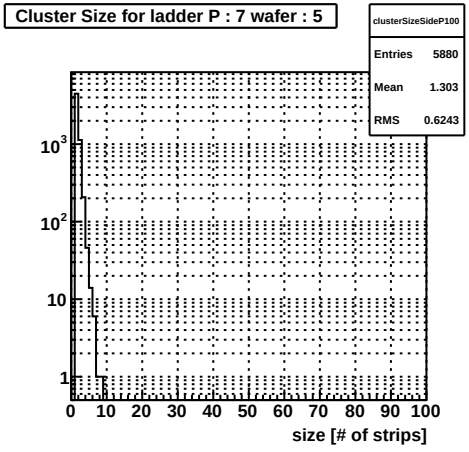

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 4990
Mean 1.408
RMS 0.6888
size [# of strips]

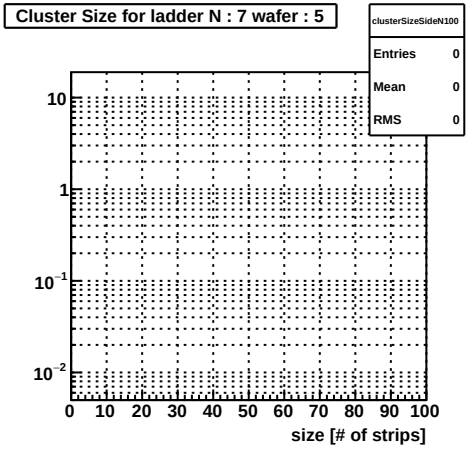

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 10945
Mean 1.49
RMS 0.7731
size [# of strips]

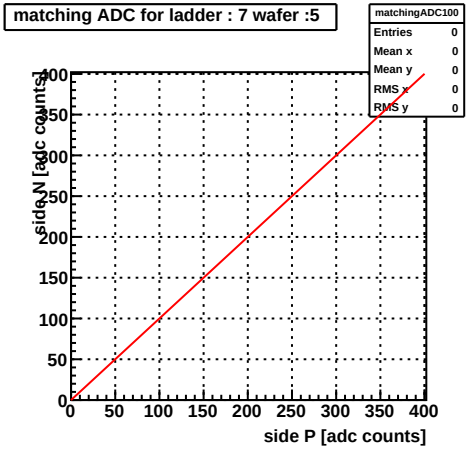

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1806
Mean x 77.08
Mean y 63.83
RMS x 56.69
RMS y 47.09
side N [adc counts]
side P [adc counts]

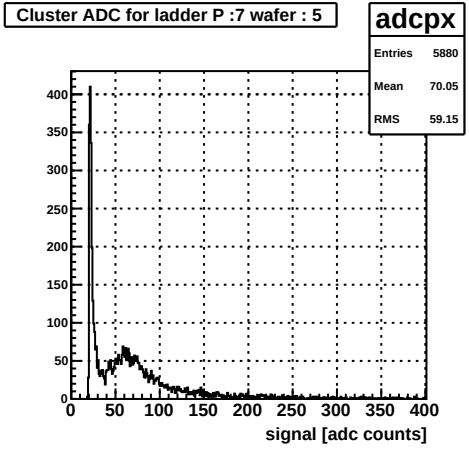

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 4990
Mean 82.2
RMS 62.01
signal [adc counts]

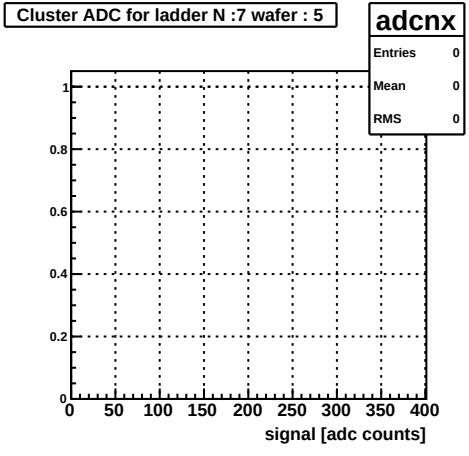

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 10945
Mean 65.49
RMS 53.13
signal [adc counts]

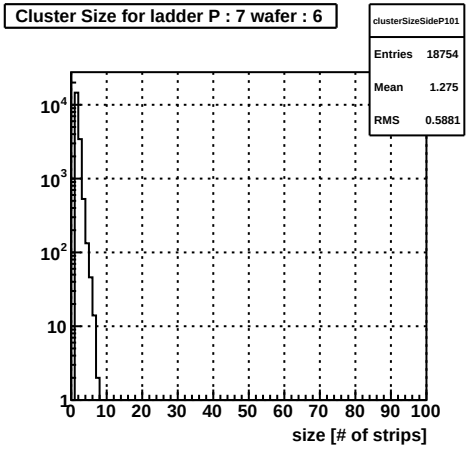

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 5880
Mean 1.303
RMS 0.6243
size [# of strips]

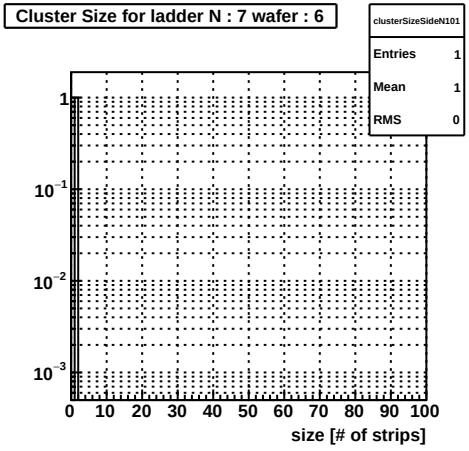

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

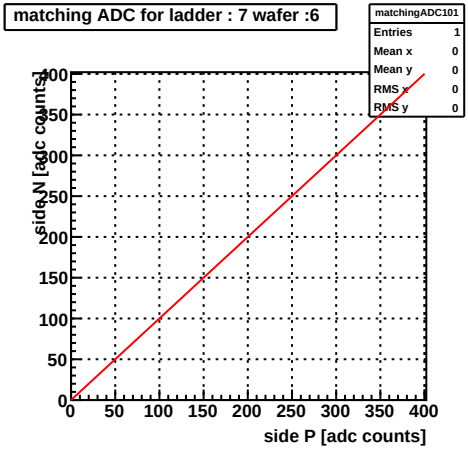

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

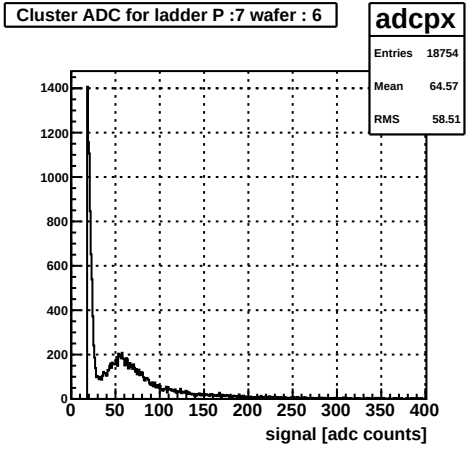

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 5880
Mean 70.05
RMS 59.15
signal [adc counts]

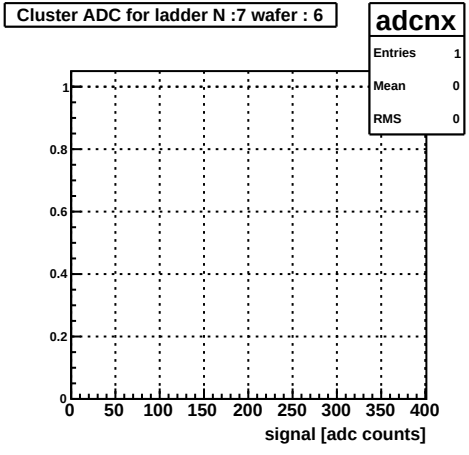

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

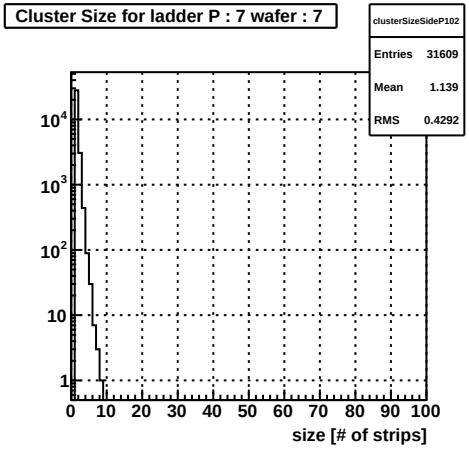

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 18754
Mean 1.275
RMS 0.5881
size [# of strips]

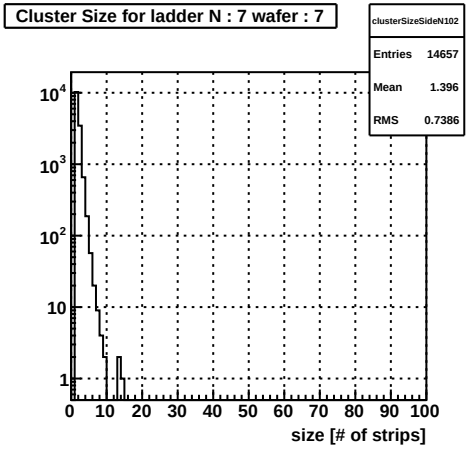

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

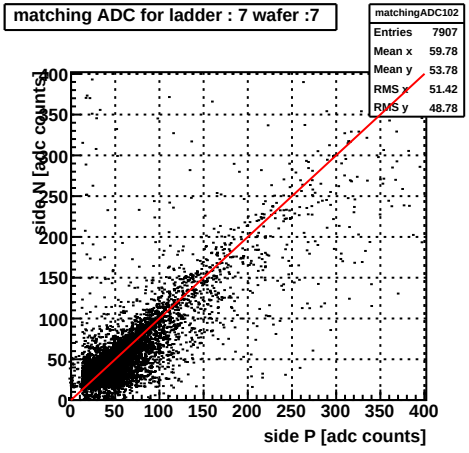

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

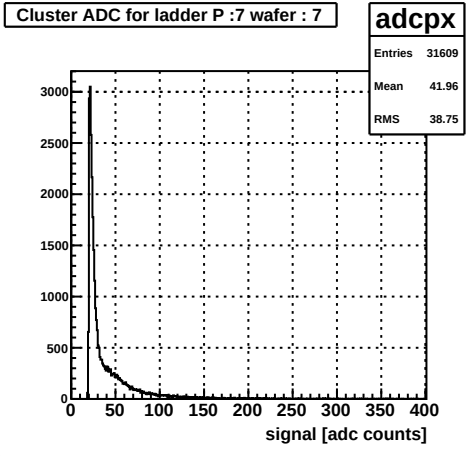

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 18754
Mean 64.57
RMS 58.51
signal [adc counts]

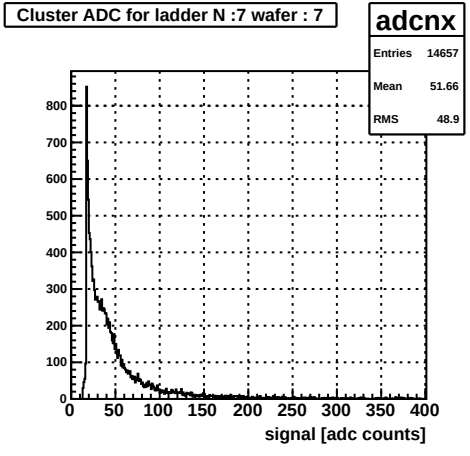

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

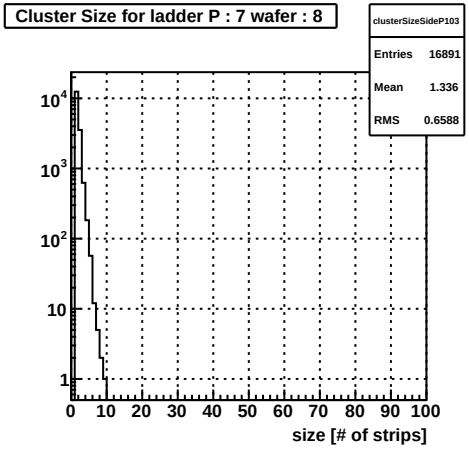

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 31609
Mean 1.139
RMS 0.4292
size [# of strips]

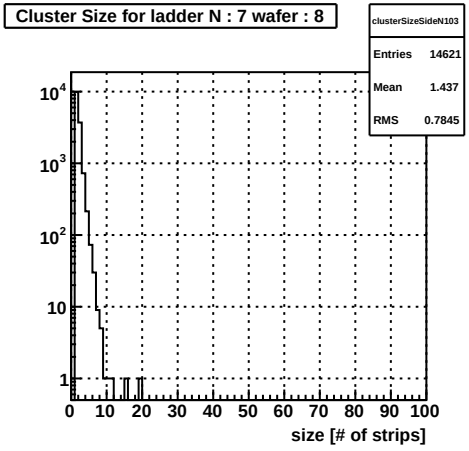

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 14657
Mean 1.396
RMS 0.7386
size [# of strips]

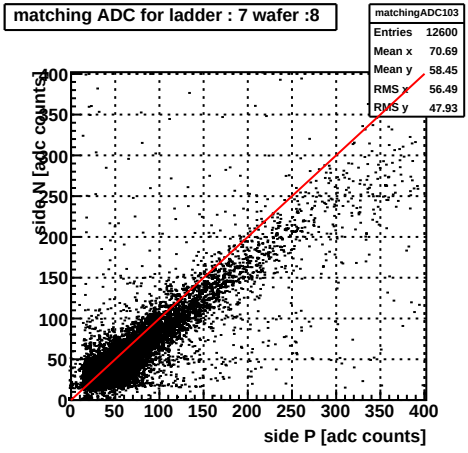

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 7907
Mean x 59.78
Mean y 53.78
RMS x 51.42
RMS y 48.78
side N [adc counts]
side P [adc counts]

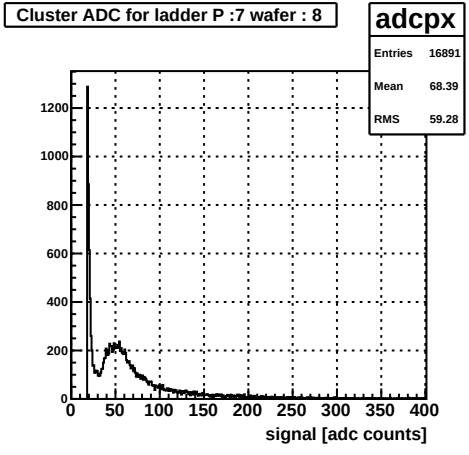

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 31609
Mean 41.96
RMS 38.75
signal [adc counts]

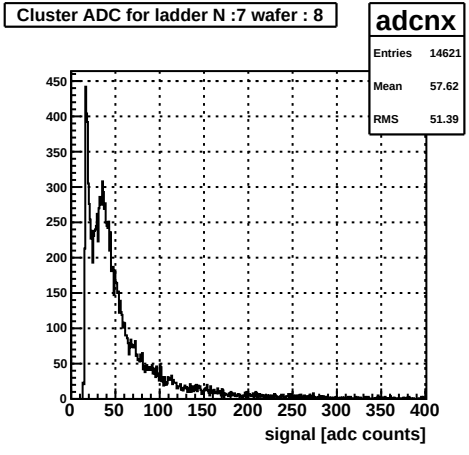

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 14657
Mean 51.66
RMS 48.9
signal [adc counts]

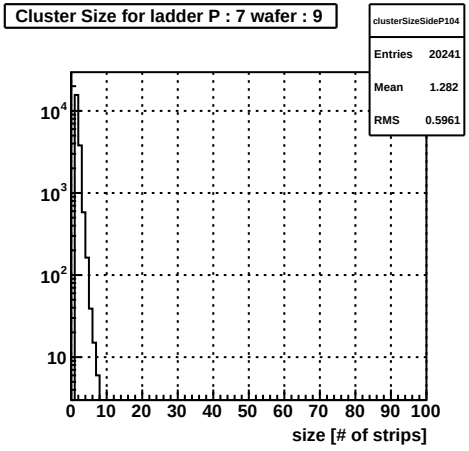

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 16891
Mean 1.336
RMS 0.6588
size [# of strips]

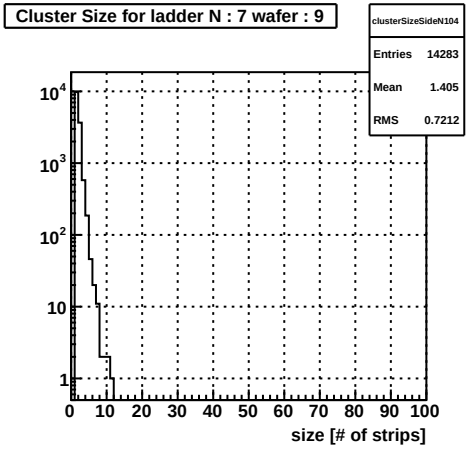

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 14621
Mean 1.437
RMS 0.7845
size [# of strips]

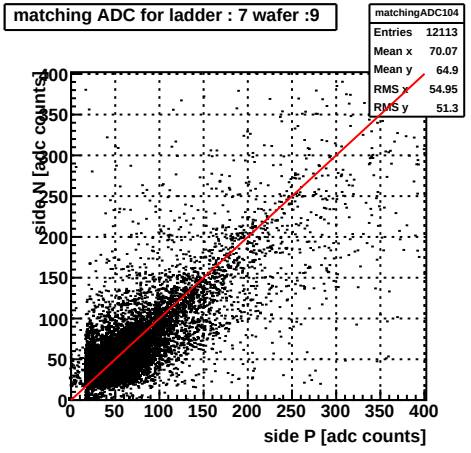

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 12600
Mean x 70.69
Mean y 58.45
RMS x 56.49
RMS y 47.93
side N [adc counts]
side P [adc counts]

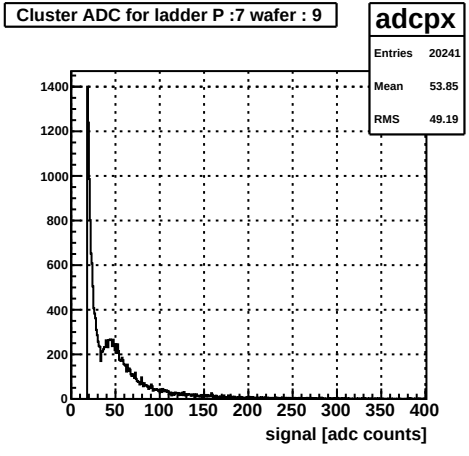

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 16891
Mean 68.39
RMS 59.28
signal [adc counts]

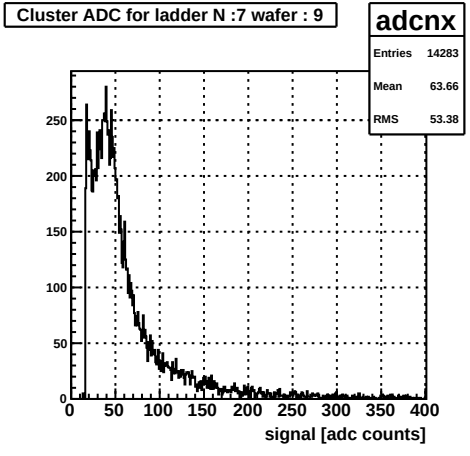

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 14621
Mean 57.62
RMS 51.39
signal [adc counts]

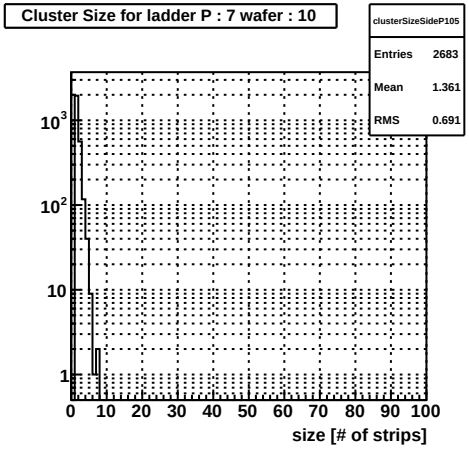

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 20241
Mean 1.282
RMS 0.5961
size [# of strips]

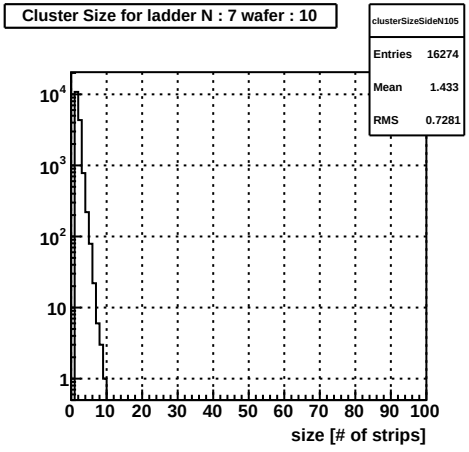

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 14283
Mean 1.405
RMS 0.7212
size [# of strips]

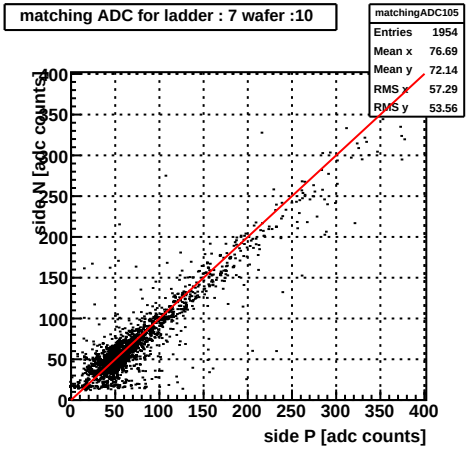

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12113
Mean x 70.07
Mean y 64.9
RMS x 54.95
RMS y 51.3
side N [adc counts]
side P [adc counts]

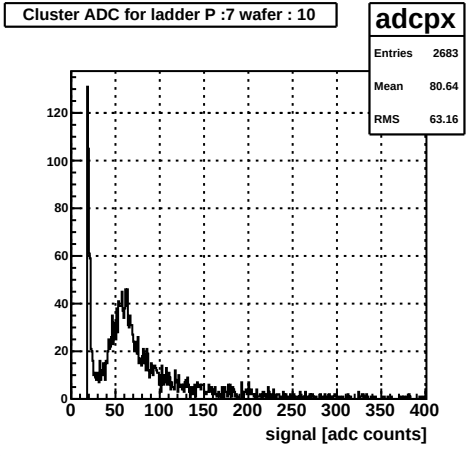

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 20241
Mean 53.85
RMS 49.19
signal [adc counts]

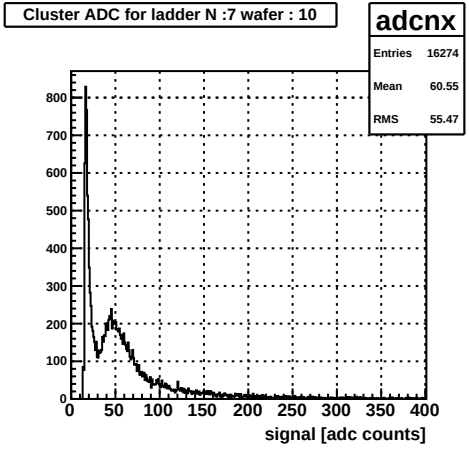

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 14283
Mean 63.66
RMS 53.38
signal [adc counts]

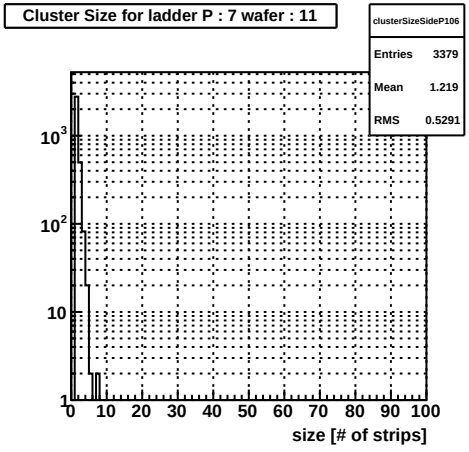

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2683
Mean 1.361
RMS 0.691
size [# of strips]

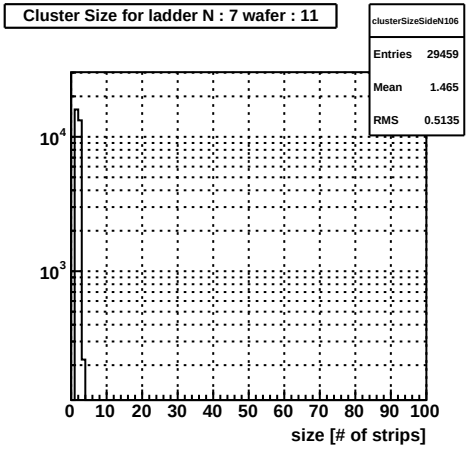

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 16274
Mean 1.433
RMS 0.7281
size [# of strips]

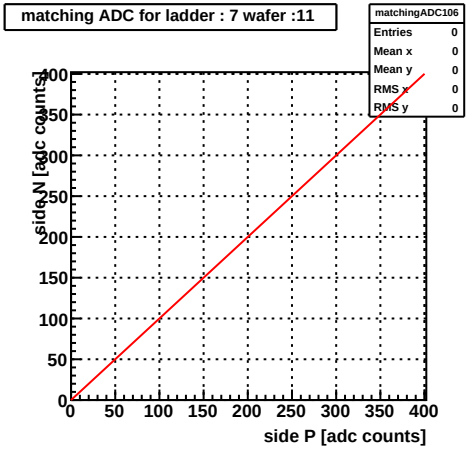

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1954
Mean x 76.69
Mean y 72.14
RMS x 57.29
RMS y 53.56
side N [adc counts]
side P [adc counts]

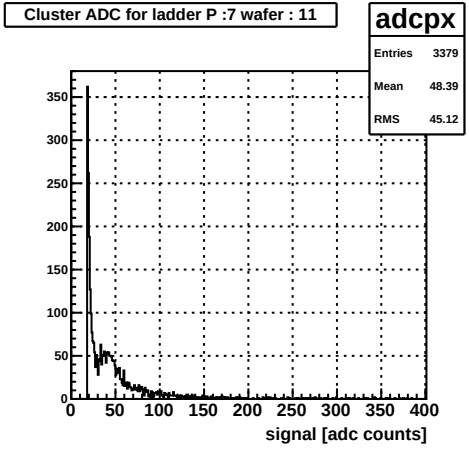

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2683
Mean 80.64
RMS 63.16
signal [adc counts]

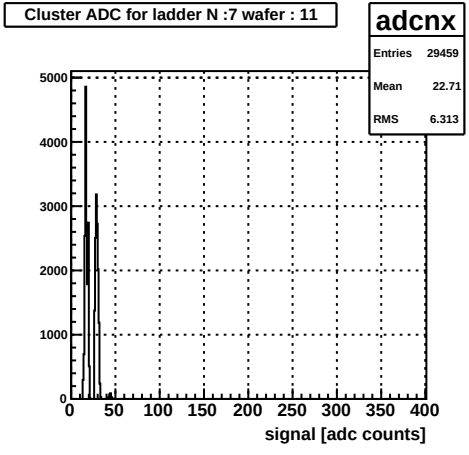

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 16274
Mean 60.55
RMS 55.47
signal [adc counts]

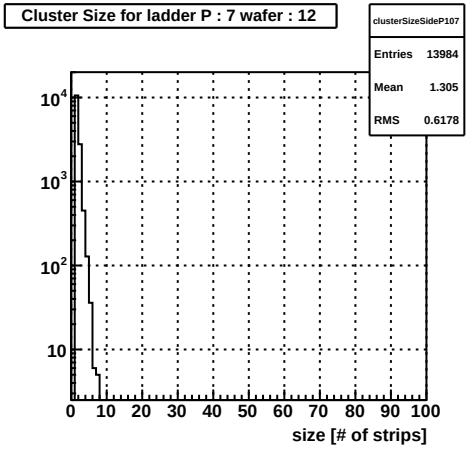

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3379
Mean 1.219
RMS 0.5291
size [# of strips]

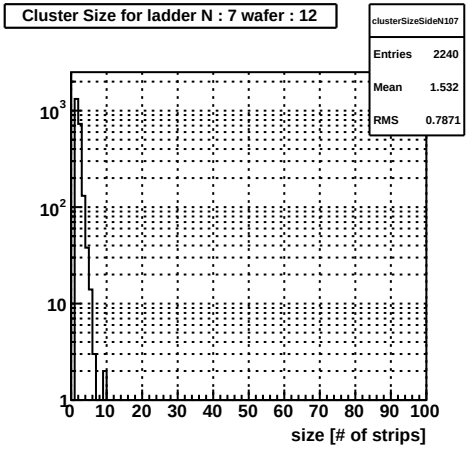

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 29459
Mean 1.465
RMS 0.5135
size [# of strips]

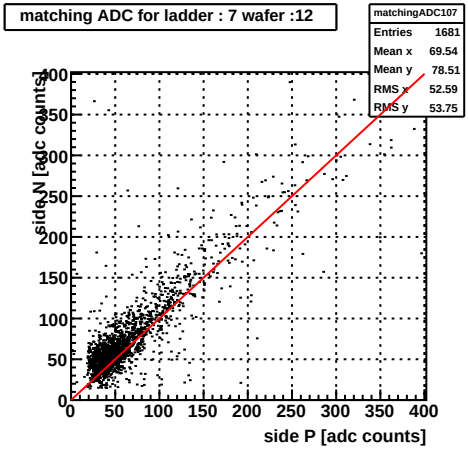

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

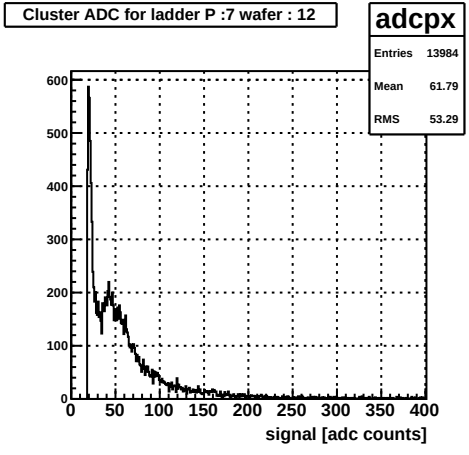

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3379
Mean 48.39
RMS 45.12
signal [adc counts]

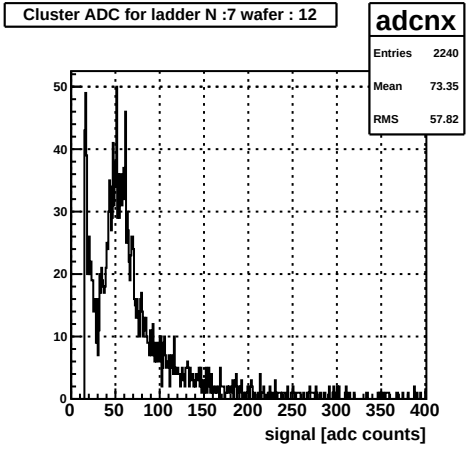

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 29459
Mean 22.71
RMS 6.313
signal [adc counts]

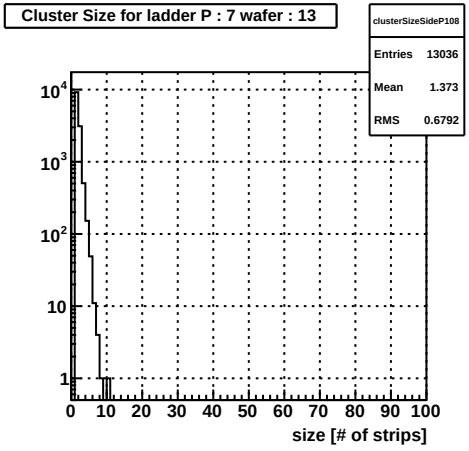

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 13984
Mean 1.305
RMS 0.6178
size [# of strips]

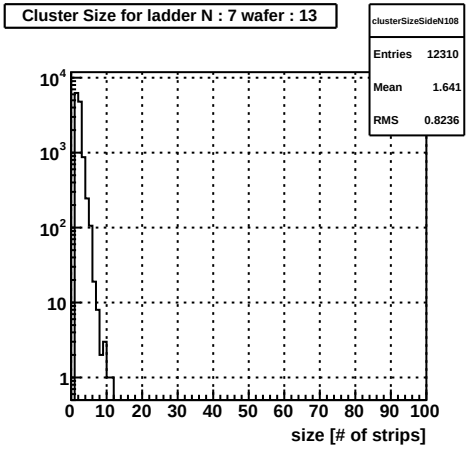

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2240
Mean 1.532
RMS 0.7871
size [# of strips]

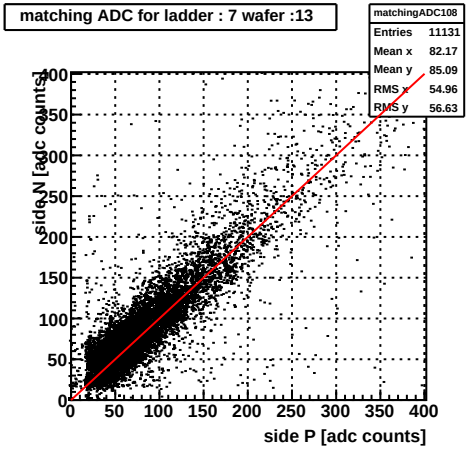

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1681
Mean x 69.54
Mean y 78.51
RMS x 52.59
RMS y 53.75
side N [adc counts]
side P [adc counts]

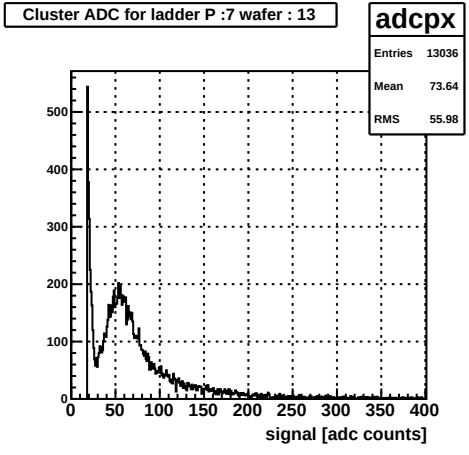

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 13984
Mean 61.79
RMS 53.29
signal [adc counts]

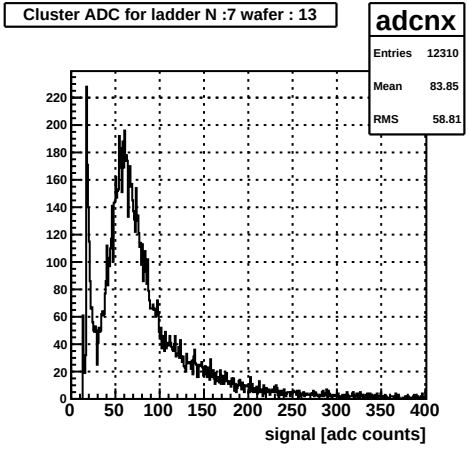

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2240
Mean 73.35
RMS 57.82
signal [adc counts]

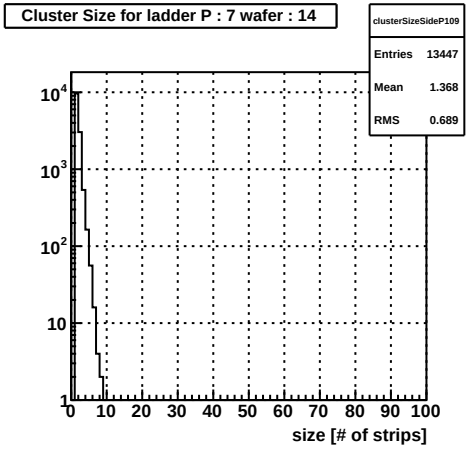

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 13036
Mean 1.373
RMS 0.6792
size [# of strips]

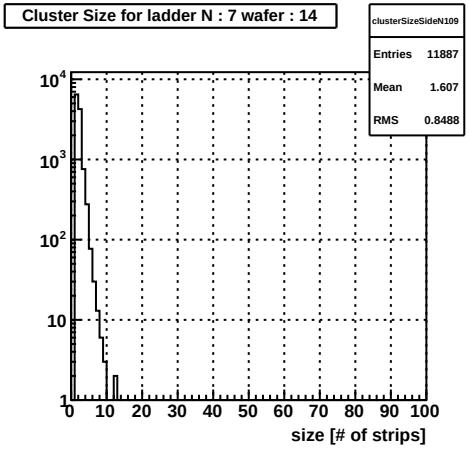

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 12310
Mean 1.641
RMS 0.8236
size [# of strips]

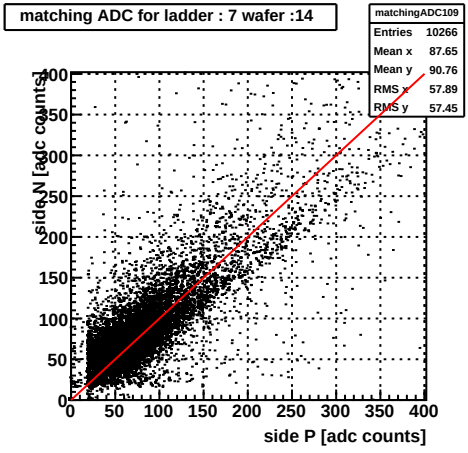

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 11131
Mean x 82.17
Mean y 85.09
RMS x 54.96
RMS y 56.63
side N [adc counts]
side P [adc counts]

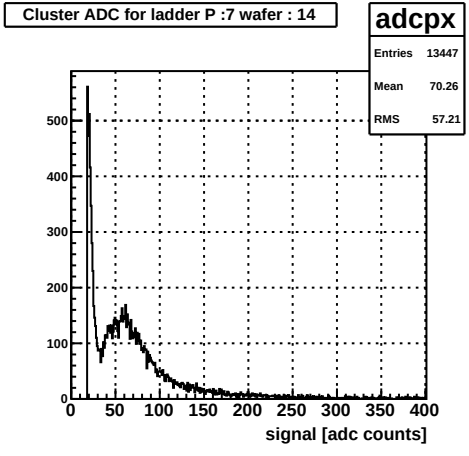

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 13036
Mean 73.64
RMS 55.98
signal [adc counts]

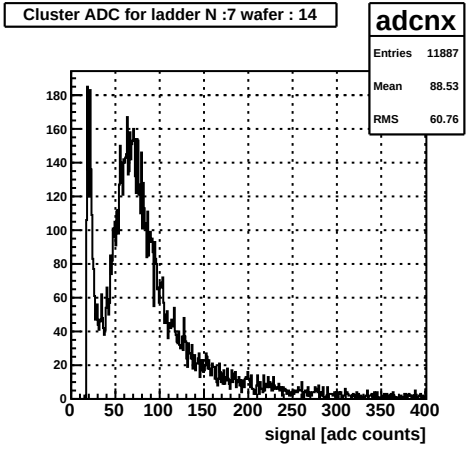

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 12310
Mean 83.85
RMS 58.81
signal [adc counts]

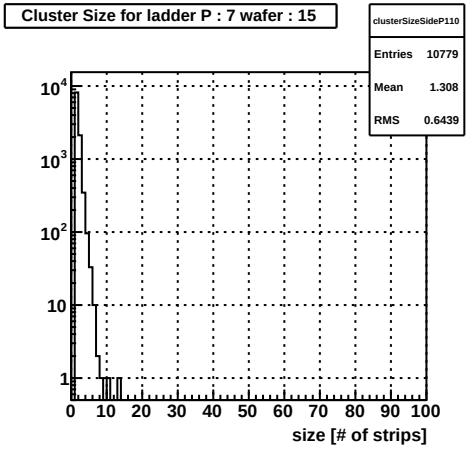

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13447
Mean 1.368
RMS 0.689
size [# of strips]

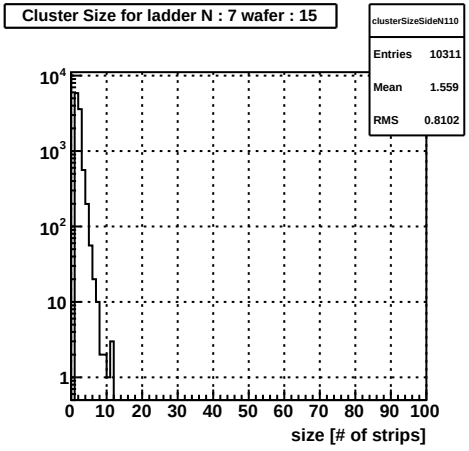

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 11887
Mean 1.607
RMS 0.8488
size [# of strips]

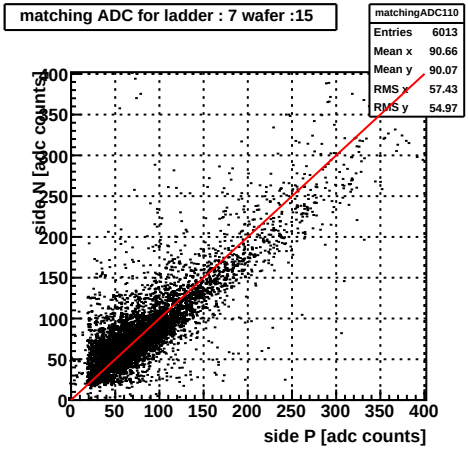

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 10266
Mean x 87.65
Mean y 90.76
RMS x 57.89
RMS y 57.45
side N [adc counts]
side P [adc counts]

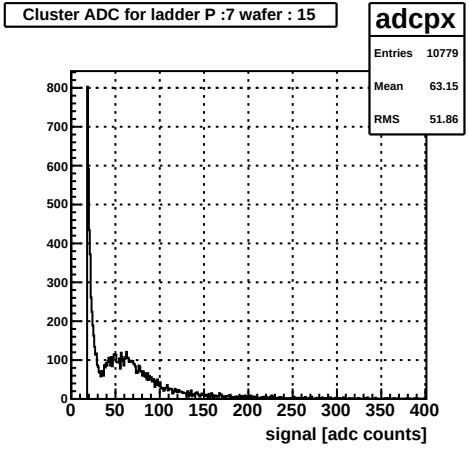

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13447
Mean 70.26
RMS 57.21
signal [adc counts]

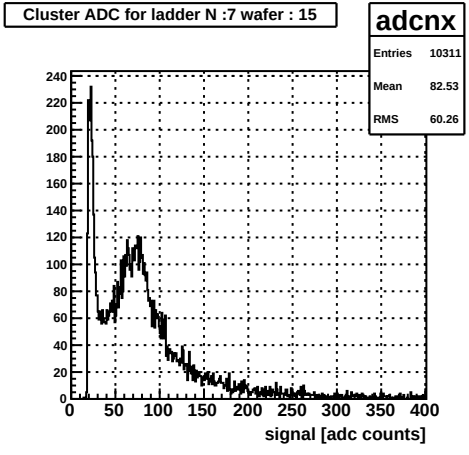

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 11887
Mean 88.53
RMS 60.76
signal [adc counts]

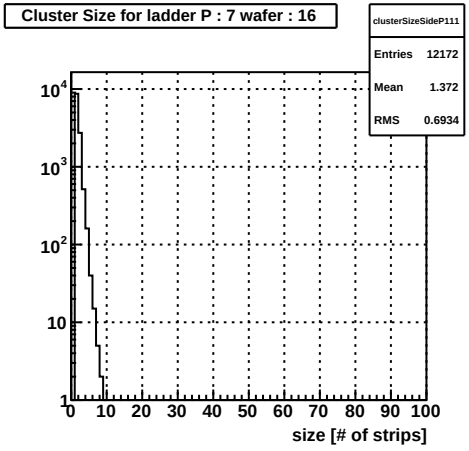

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 10779
Mean 1.308
RMS 0.6439
size [# of strips]

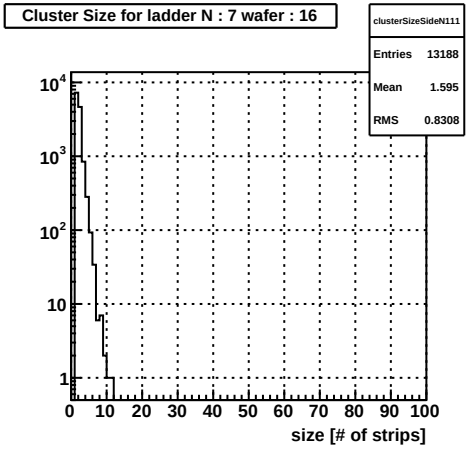

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 10311
Mean 1.559
RMS 0.8102
size [# of strips]

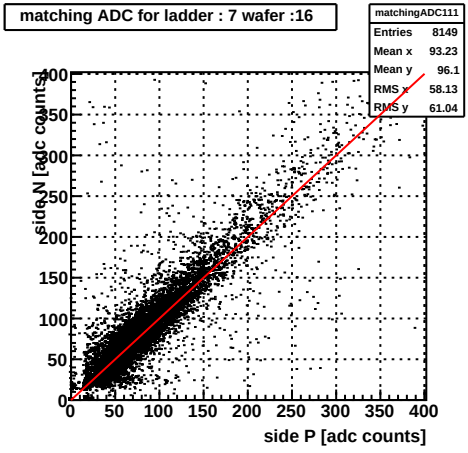

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6013
Mean x 90.66
Mean y 90.07
RMS x 57.43
RMS y 54.97
side N [adc counts]
side P [adc counts]

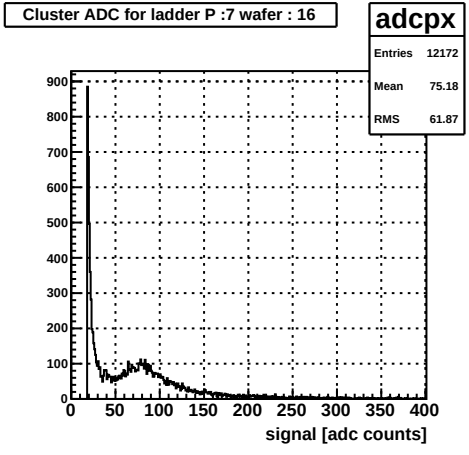

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 10779
Mean 63.15
RMS 51.86
signal [adc counts]

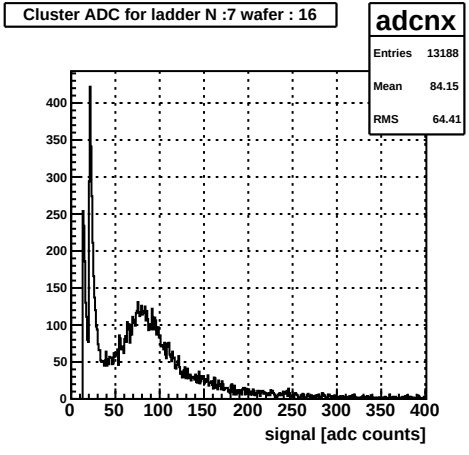

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 10311
Mean 82.53
RMS 60.26
signal [adc counts]

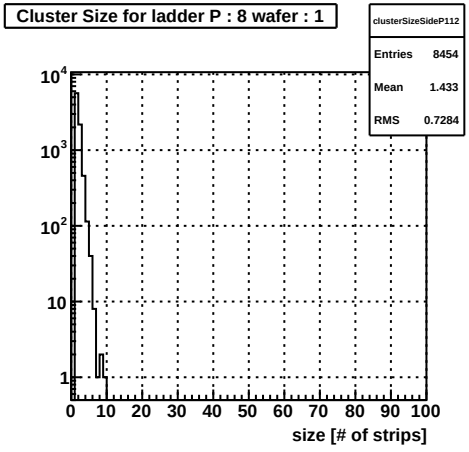

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 12172
Mean 1.372
RMS 0.6934
size [# of strips]

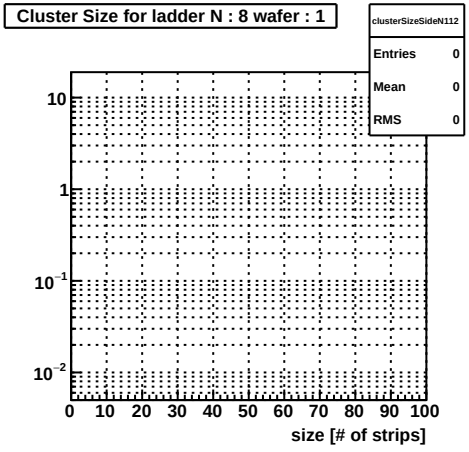

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 13188
Mean 1.595
RMS 0.8308
size [# of strips]

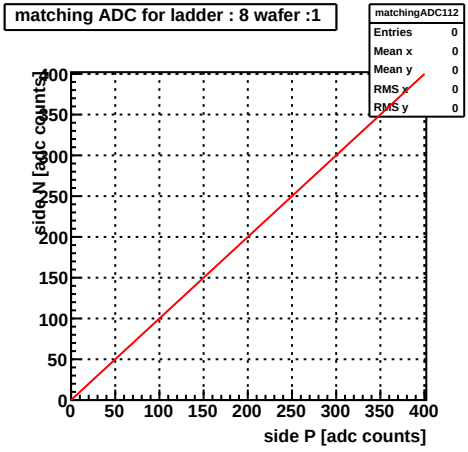

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8149
Mean x 93.23
Mean y 96.1
RMS x 58.13
RMS y 61.04
side N [adc counts]
side P [adc counts]

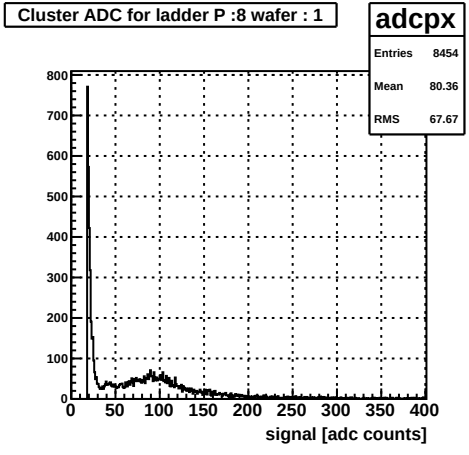

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 12172
Mean 75.18
RMS 61.87
signal [adc counts]

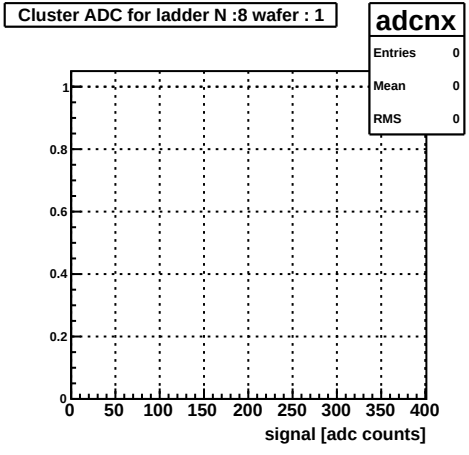

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 13188
Mean 84.15
RMS 64.41
signal [adc counts]

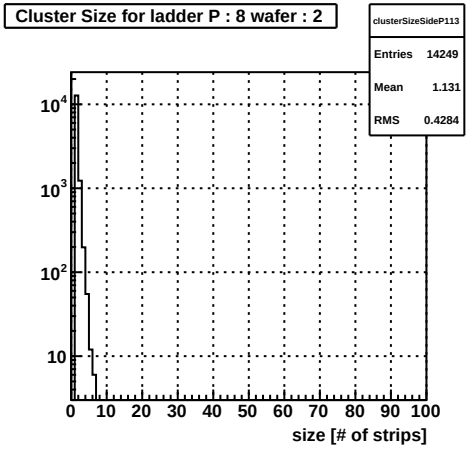

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 8454
Mean 1.433
RMS 0.7284
size [# of strips]

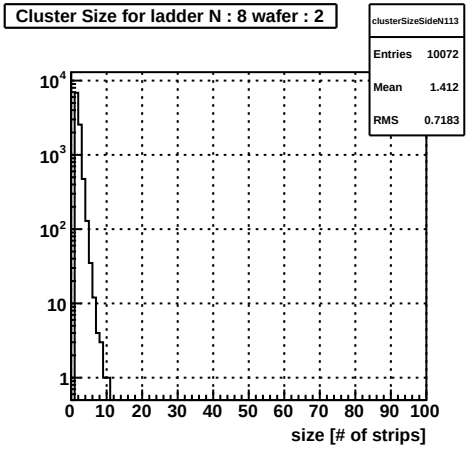

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

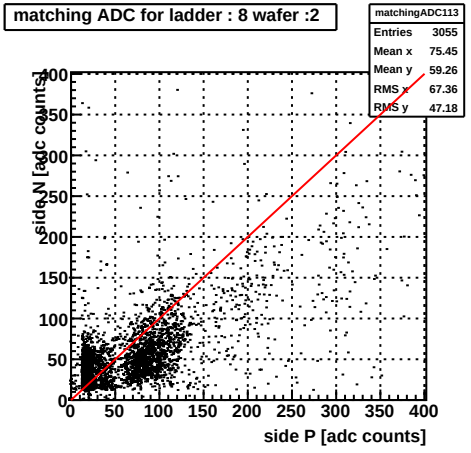

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

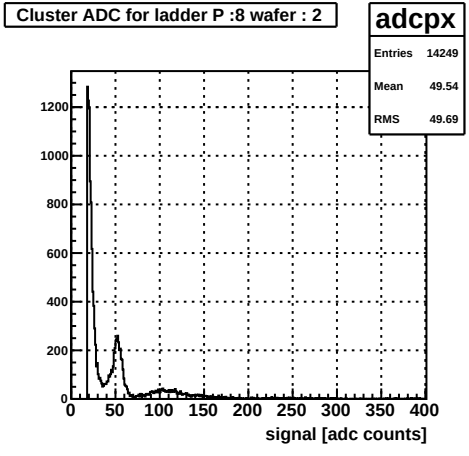

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 8454
Mean 80.36
RMS 67.67
signal [adc counts]

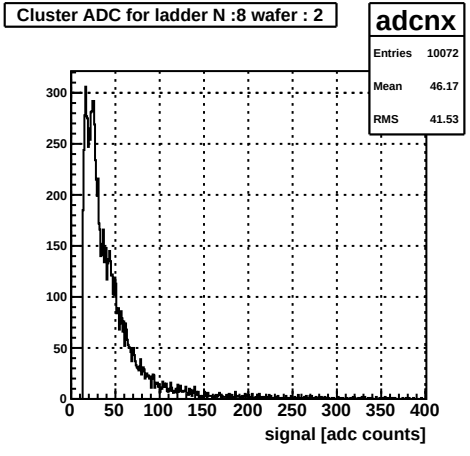

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

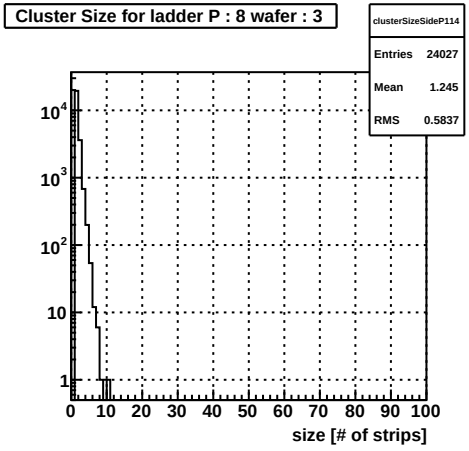

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14249
Mean 1.131
RMS 0.4284
size [# of strips]

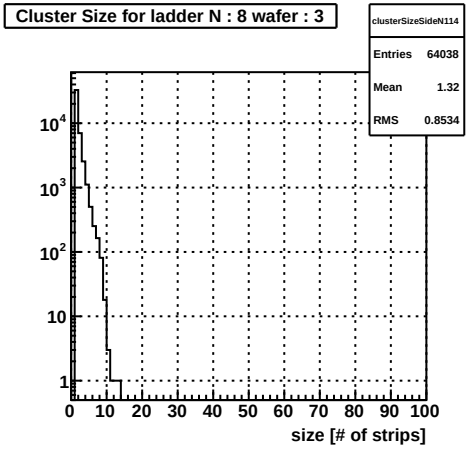

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10072
Mean 1.412
RMS 0.7183
size [# of strips]

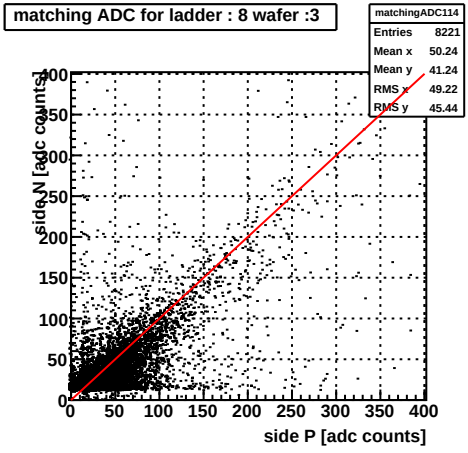

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3055
Mean x 75.45
Mean y 59.26
RMS x 67.36
RMS y 47.18
side N [adc counts]
side P [adc counts]

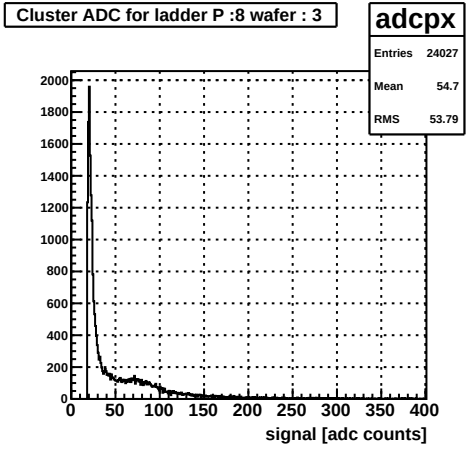

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14249
Mean 49.54
RMS 49.69
signal [adc counts]

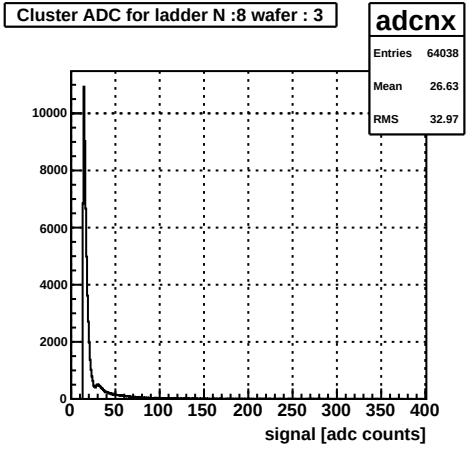

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10072
Mean 46.17
RMS 41.53
signal [adc counts]

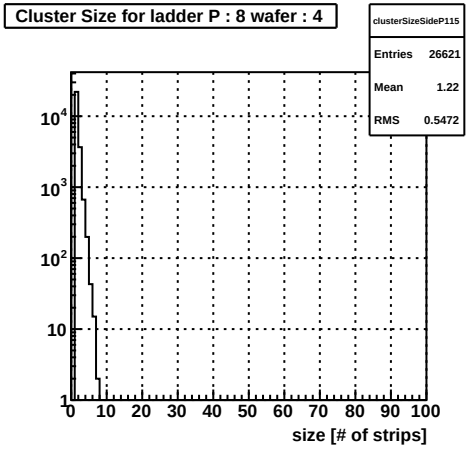

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24027
Mean 1.245
RMS 0.5837
size [# of strips]

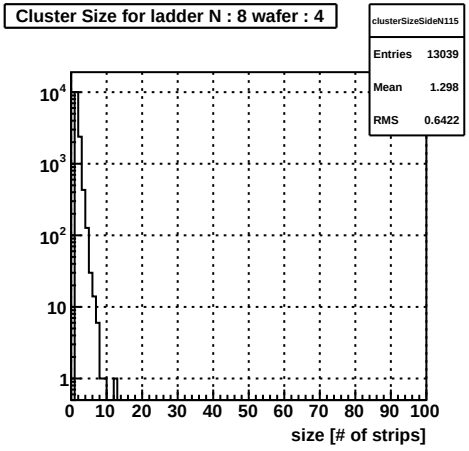

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 64038
Mean 1.32
RMS 0.8534
size [# of strips]

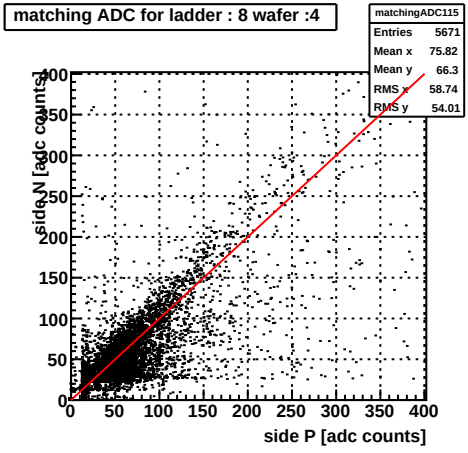

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 8221
Mean x 50.24
Mean y 41.24
RMS x 49.22
RMS y 45.44
side N [adc counts]
side P [adc counts]

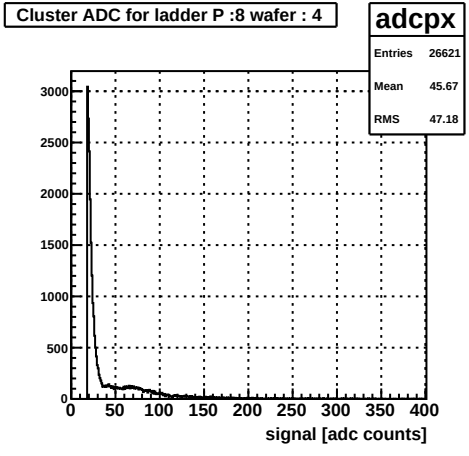

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24027
Mean 54.7
RMS 53.79
signal [adc counts]

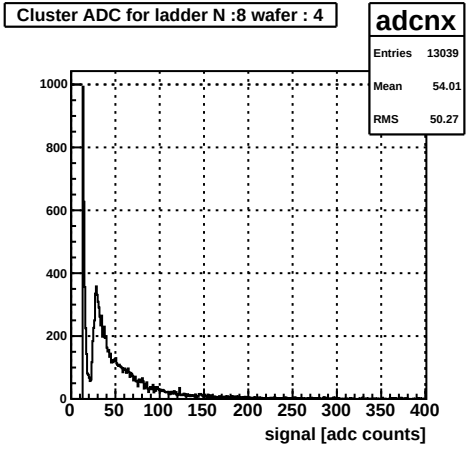

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 64038
Mean 26.63
RMS 32.97
signal [adc counts]

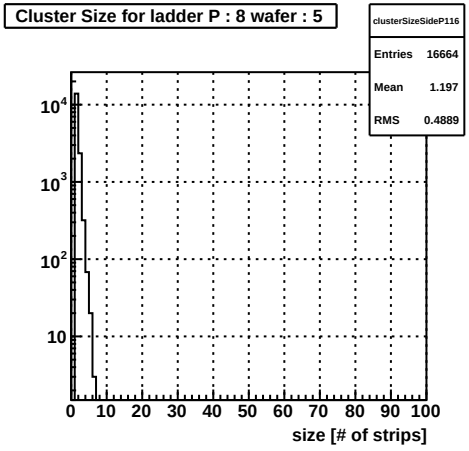

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 26621
Mean 1.22
RMS 0.5472
size [# of strips]

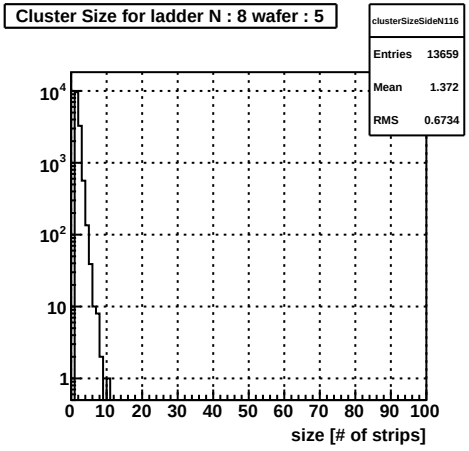

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13039
Mean 1.298
RMS 0.6422
size [# of strips]

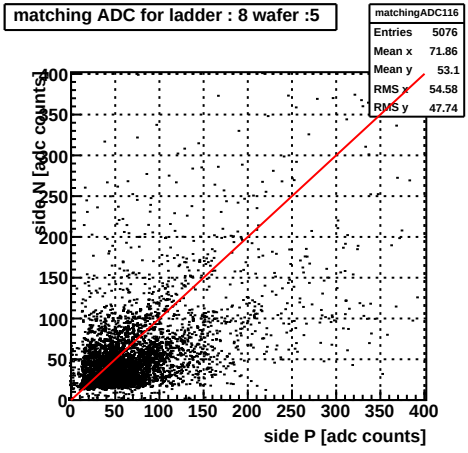

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5671
Mean x 75.82
Mean y 66.3
RMS x 58.74
RMS y 54.01
side N [adc counts]
side P [adc counts]

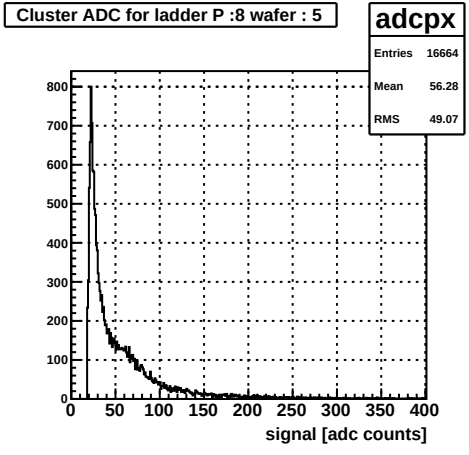

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 26621
Mean 45.67
RMS 47.18
signal [adc counts]

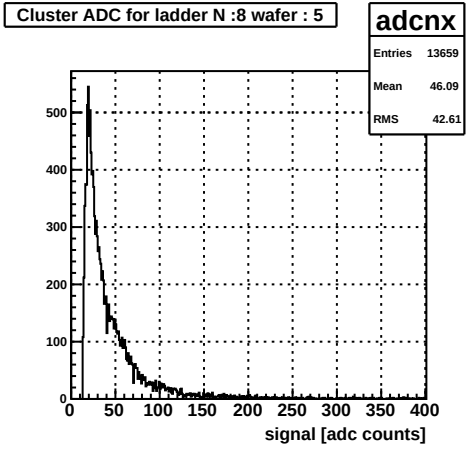

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13039
Mean 54.01
RMS 50.27
signal [adc counts]

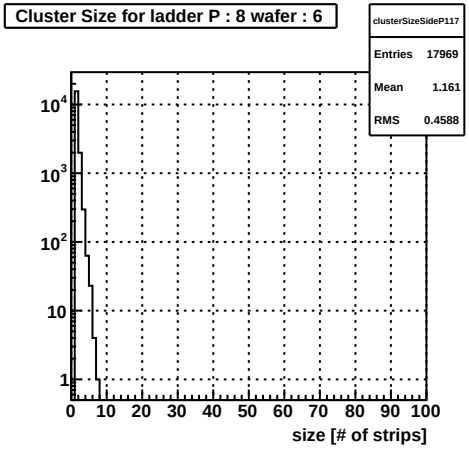

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 16664
Mean 1.197
RMS 0.4889
size [# of strips]

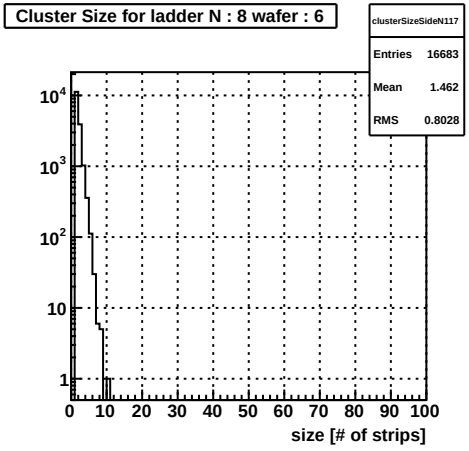

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 13659
Mean 1.372
RMS 0.6734
size [# of strips]

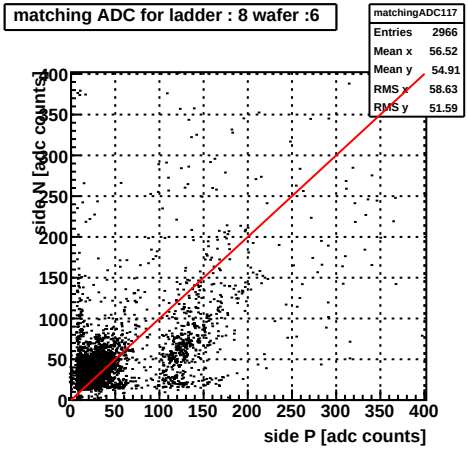

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5076
Mean x 71.86
Mean y 53.1
RMS x 54.58
RMS y 47.74
side N [adc counts]
side P [adc counts]

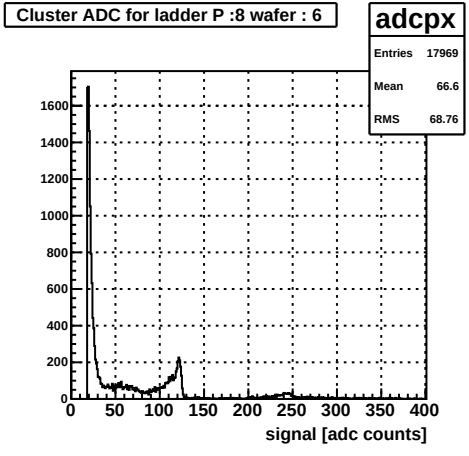

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 16664
Mean 56.28
RMS 49.07
signal [adc counts]

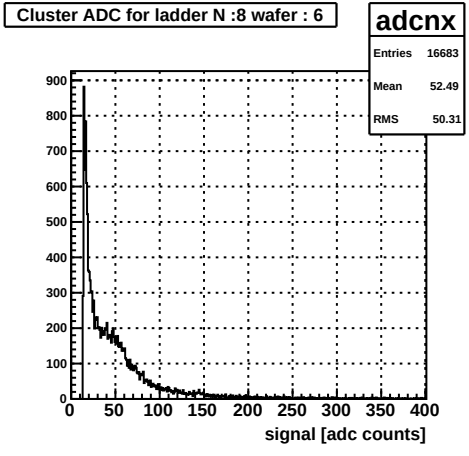

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 13659
Mean 46.09
RMS 42.61
signal [adc counts]

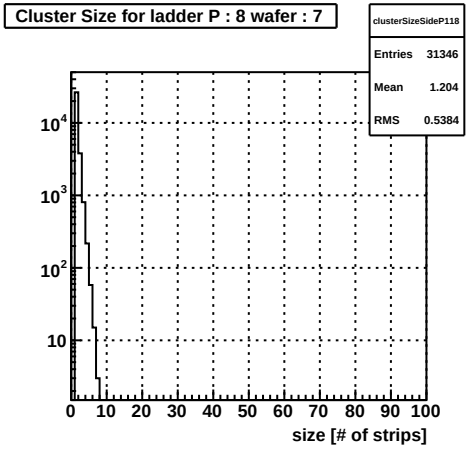

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17969
Mean 1.161
RMS 0.4588
size [# of strips]

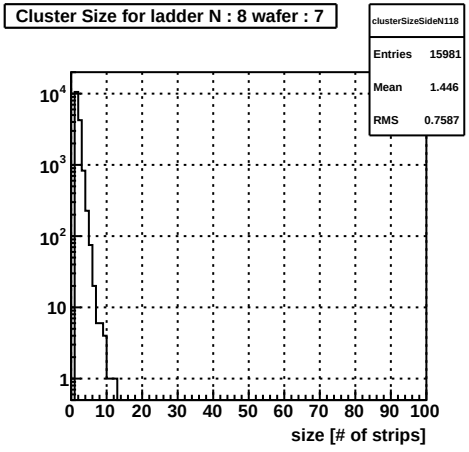

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 16683
Mean 1.462
RMS 0.8028
size [# of strips]

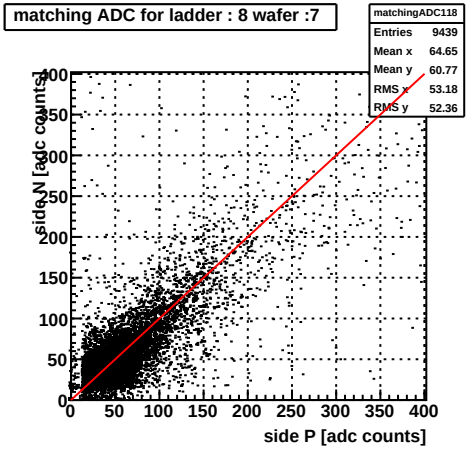

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2966
Mean x 56.52
Mean y 54.91
RMS x 58.63
RMS y 51.59
side N [adc counts]
side P [adc counts]

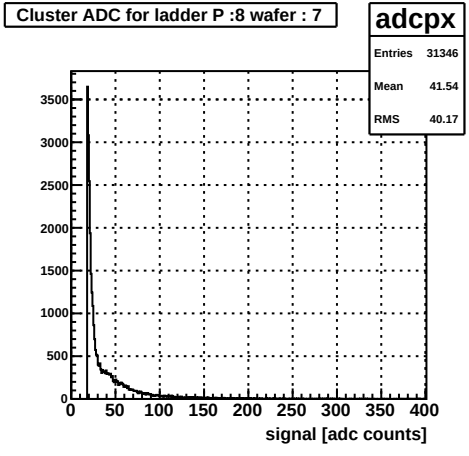

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17969
Mean 66.6
RMS 68.76
signal [adc counts]

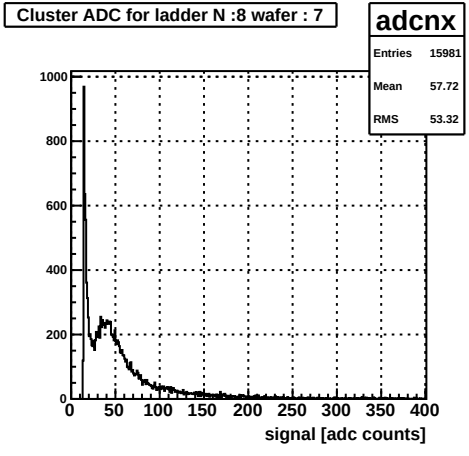

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 16683
Mean 52.49
RMS 50.31
signal [adc counts]

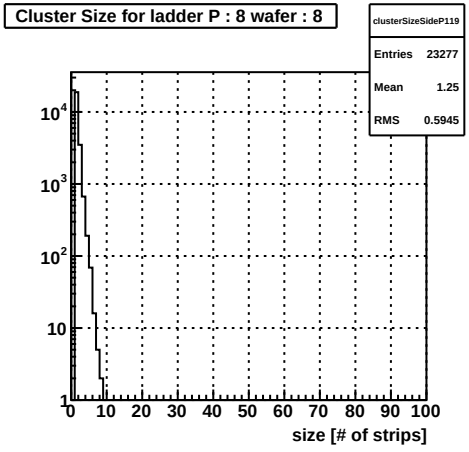

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 31346
Mean 1.204
RMS 0.5384
size [# of strips]

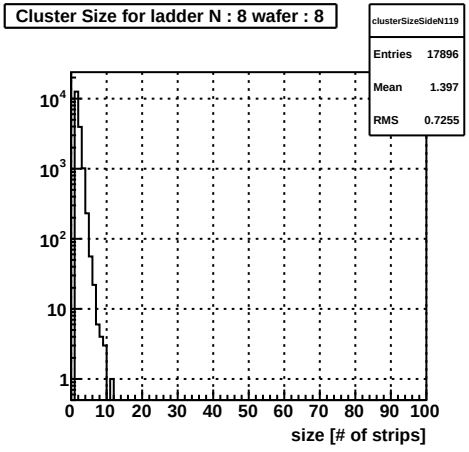

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 15981
Mean 1.446
RMS 0.7587
size [# of strips]

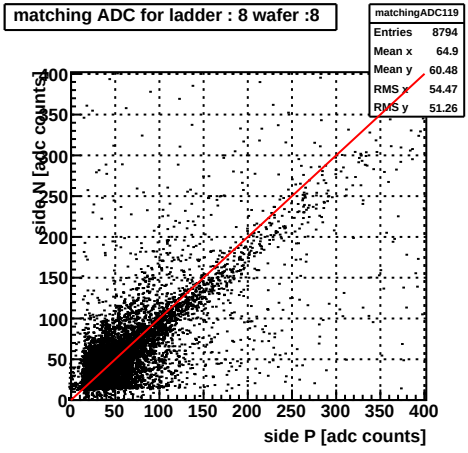

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 9439
Mean x 64.65
Mean y 60.77
RMS x 53.18
RMS y 52.36
side N [adc counts]
side P [adc counts]

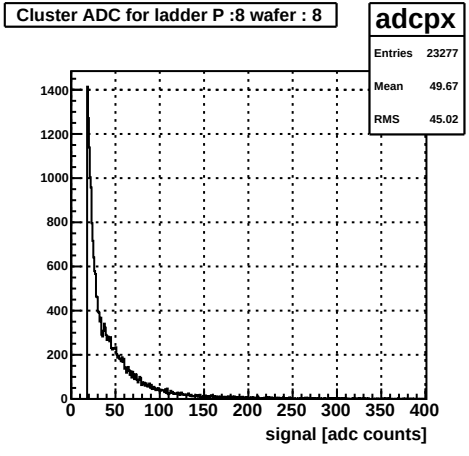

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 31346
Mean 41.54
RMS 40.17
signal [adc counts]

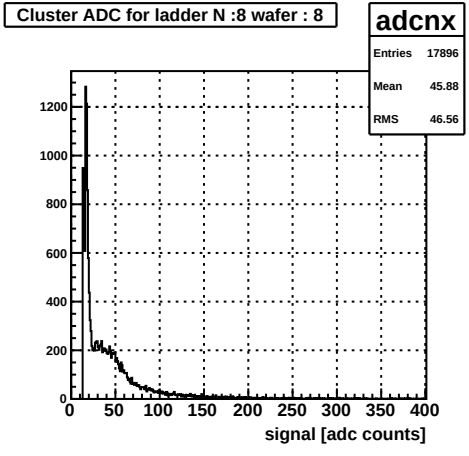

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 15981
Mean 57.72
RMS 53.32
signal [adc counts]

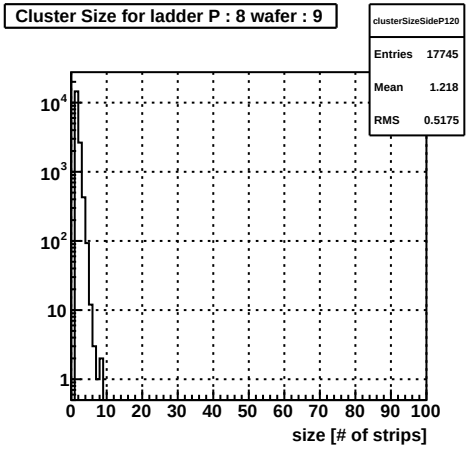

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 23277
Mean 1.25
RMS 0.5945
size [# of strips]

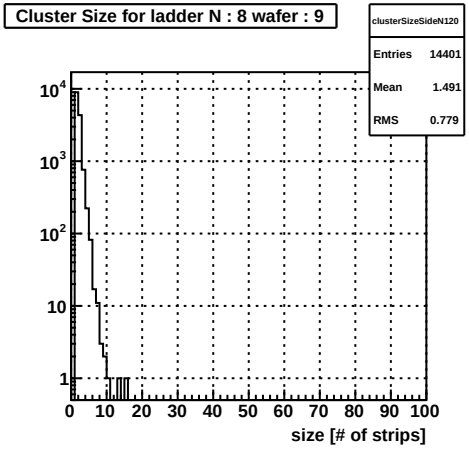

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 17896
Mean 1.397
RMS 0.7255
size [# of strips]

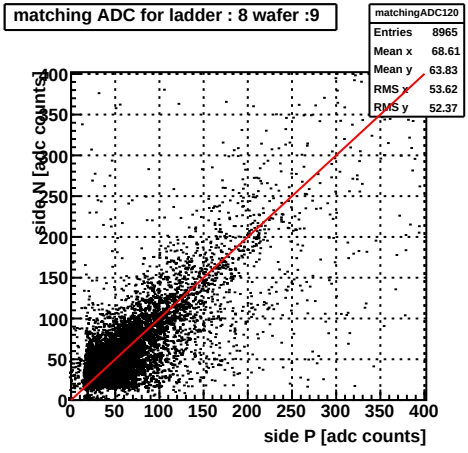

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 8794
Mean x 64.9
Mean y 60.48
RMS x 54.47
RMS y 51.26
side N [adc counts]
side P [adc counts]

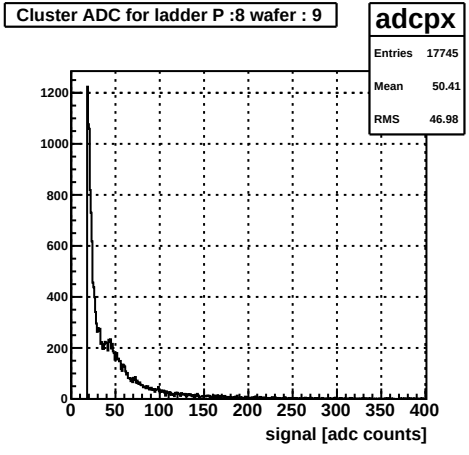

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 23277
Mean 49.67
RMS 45.02
signal [adc counts]

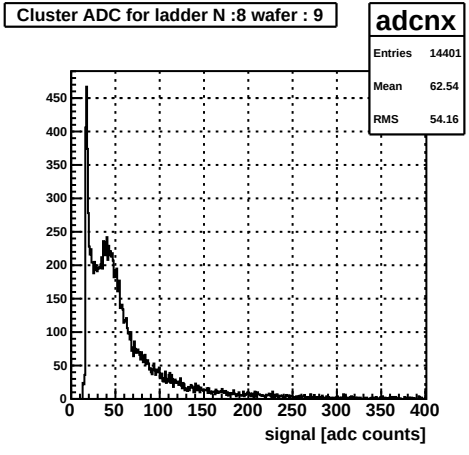

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 17896
Mean 45.88
RMS 46.56
signal [adc counts]

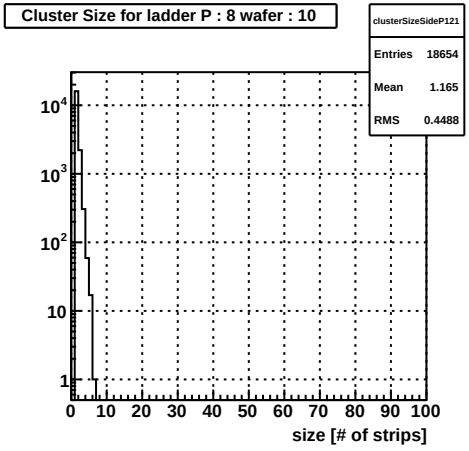

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 17745
Mean 1.218
RMS 0.5175
size [# of strips]

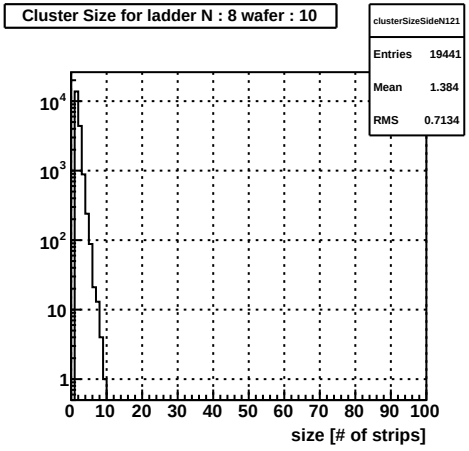

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 14401
Mean 1.491
RMS 0.779
size [# of strips]

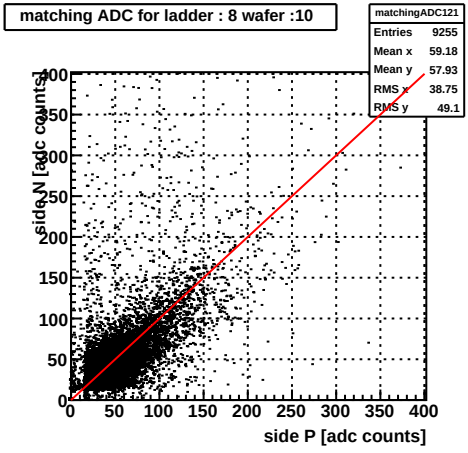

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 8965
Mean x 68.61
Mean y 63.83
RMS x 53.62
RMS y 52.37
side N [adc counts]
side P [adc counts]

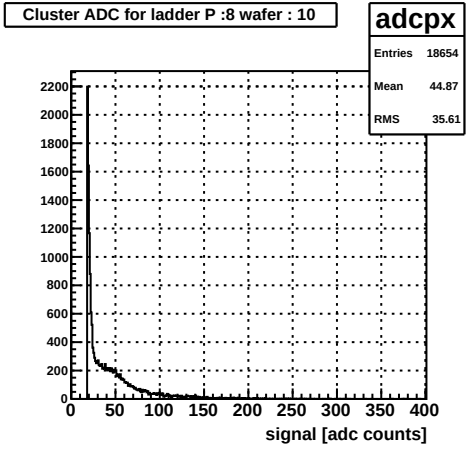

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 17745
Mean 50.41
RMS 46.98
signal [adc counts]

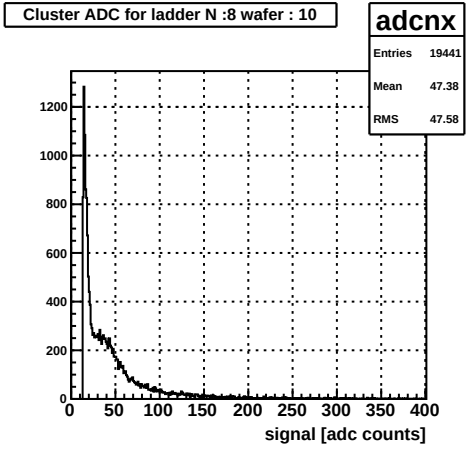

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 14401
Mean 62.54
RMS 54.16
signal [adc counts]

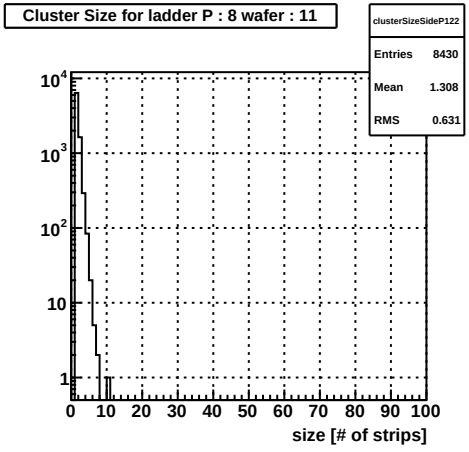

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 18654
Mean 1.165
RMS 0.4488
size [# of strips]

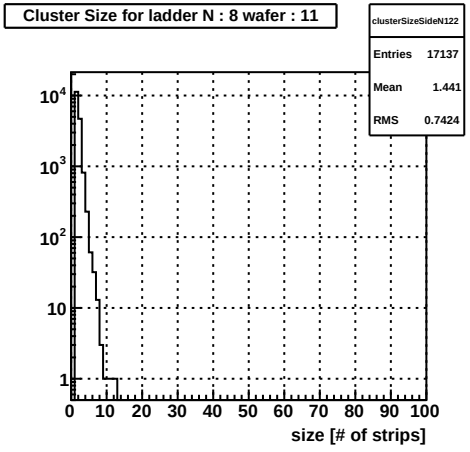

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 19441
Mean 1.384
RMS 0.7134
size [# of strips]

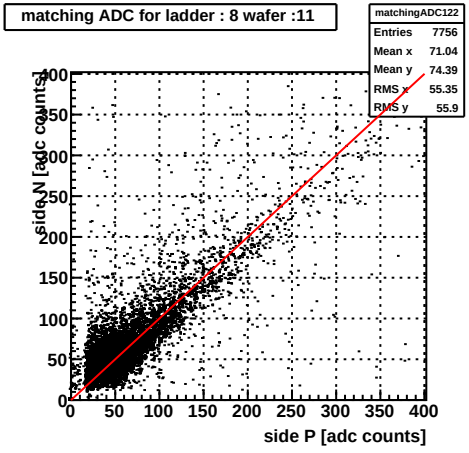

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 9255
Mean x 59.18
Mean y 57.93
RMS x 38.75
RMS y 49.1
side N [adc counts]
side P [adc counts]

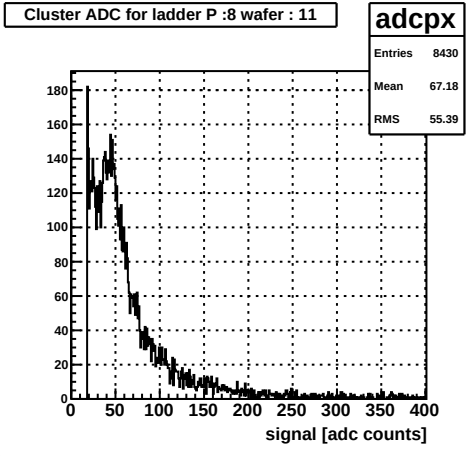

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 18654
Mean 44.87
RMS 35.61
signal [adc counts]

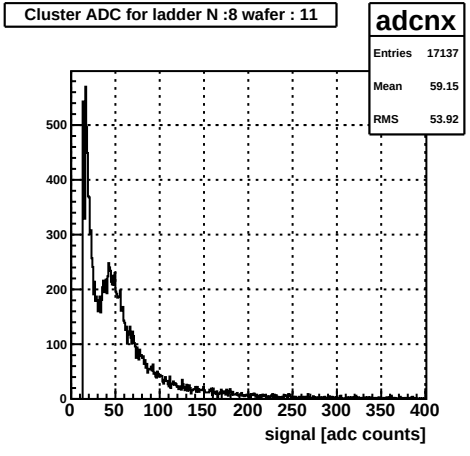

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 19441
Mean 47.38
RMS 47.58
signal [adc counts]

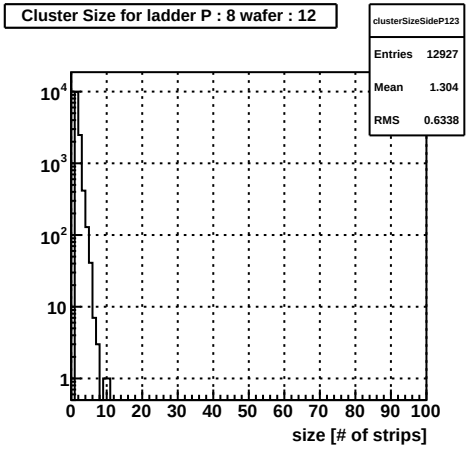

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 8430
Mean 1.308
RMS 0.631
size [# of strips]

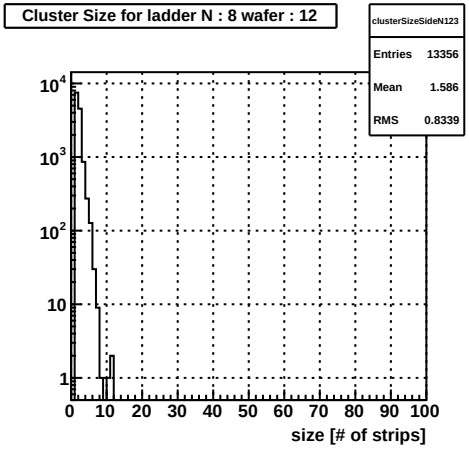

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 17137
Mean 1.441
RMS 0.7424
size [# of strips]

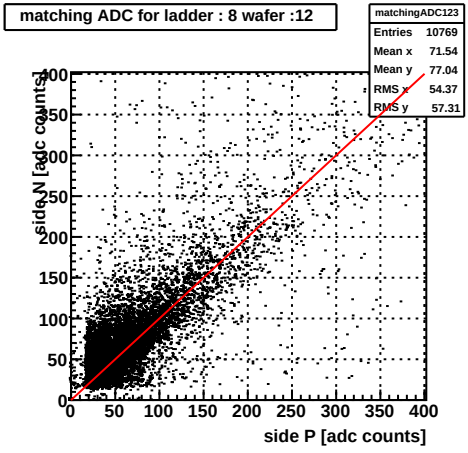

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 7756
Mean x 71.04
Mean y 74.39
RMS x 55.35
RMS y 55.9
side N [adc counts]
side P [adc counts]

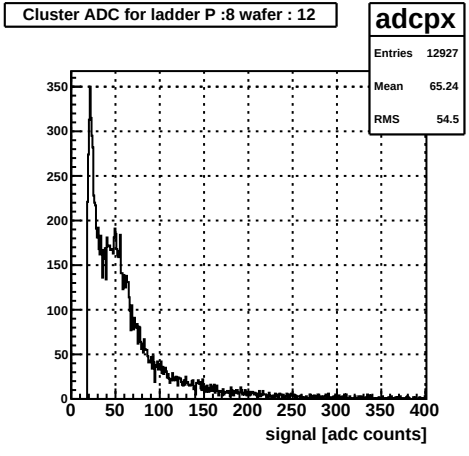

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 8430
Mean 67.18
RMS 55.39
signal [adc counts]

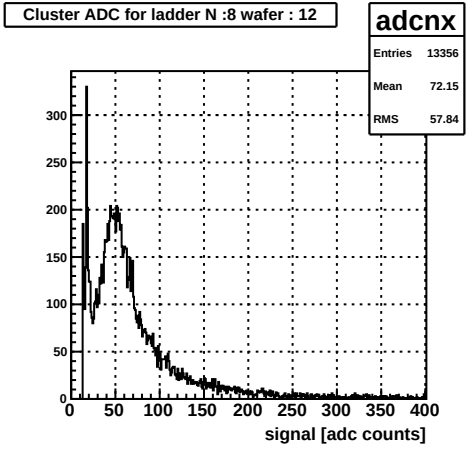

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 17137
Mean 59.15
RMS 53.92
signal [adc counts]

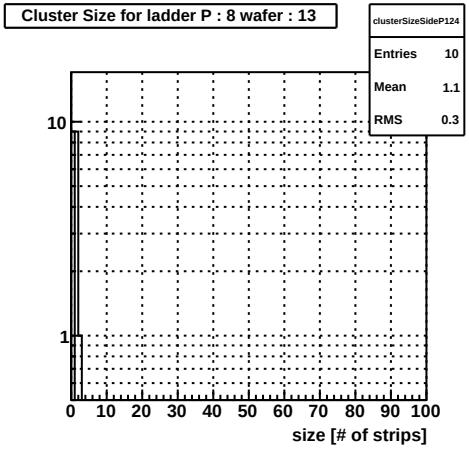

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 12927
Mean 1.304
RMS 0.6338
size [# of strips]

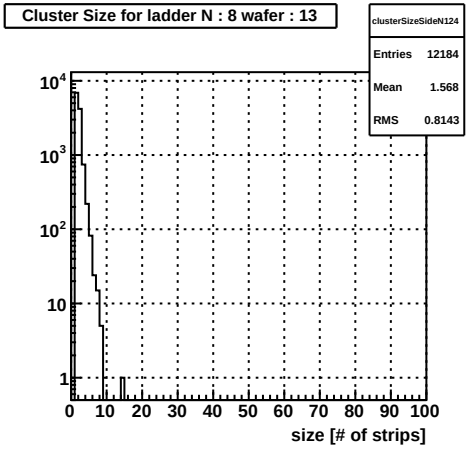

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 13356
Mean 1.586
RMS 0.8339
size [# of strips]

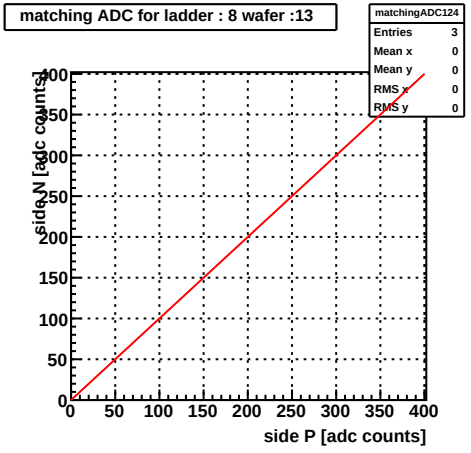

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 10769
Mean x 71.54
Mean y 77.04
RMS x 54.37
RMS y 57.31
side N [adc counts]
side P [adc counts]

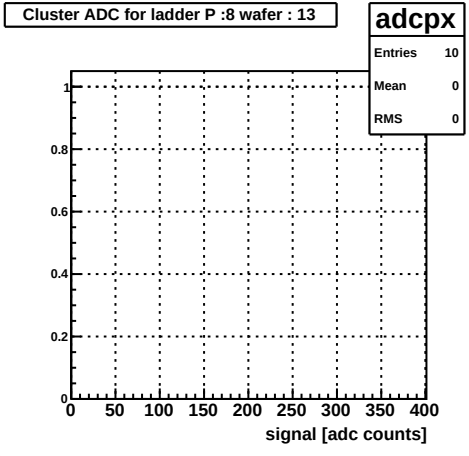

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 12927
Mean 65.24
RMS 54.5
signal [adc counts]

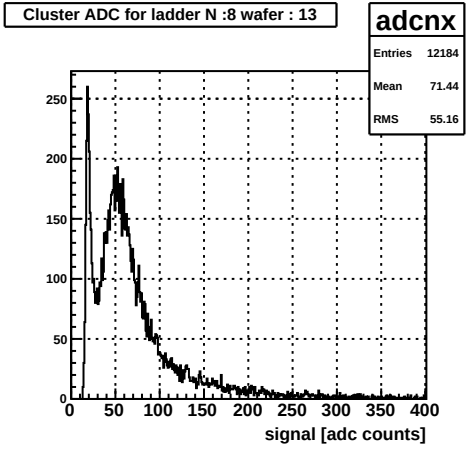

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 13356
Mean 72.15
RMS 57.84
signal [adc counts]

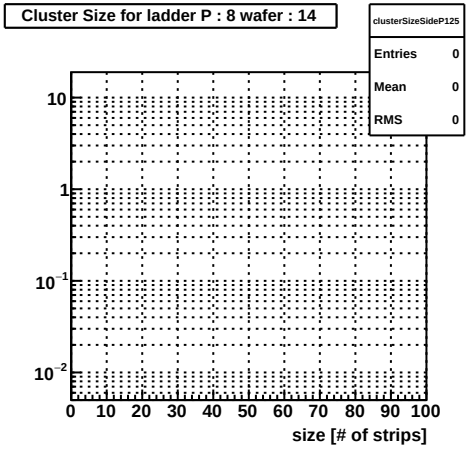

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

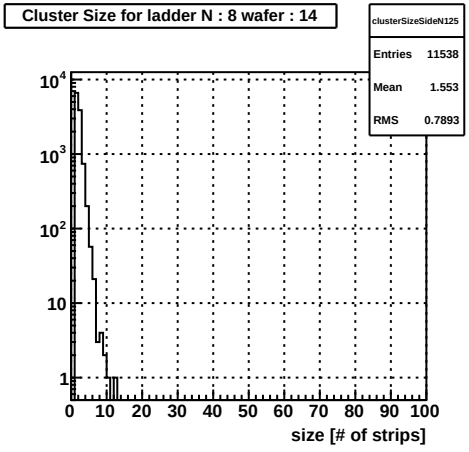

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12184
Mean 1.568
RMS 0.8143
size [# of strips]

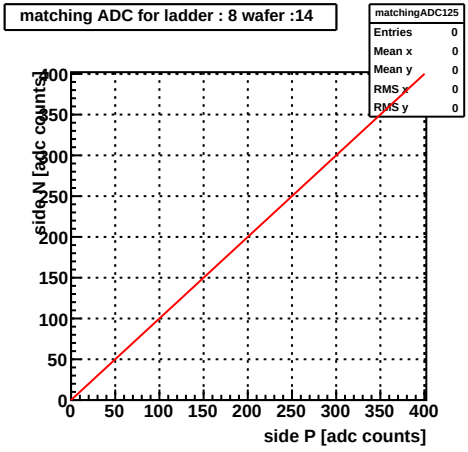

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

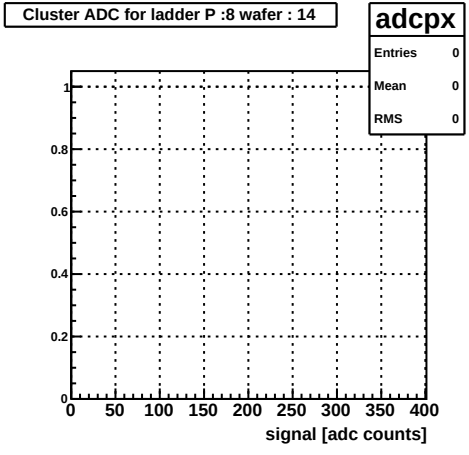

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

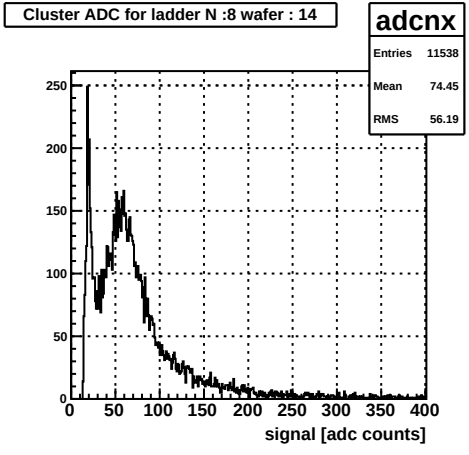

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12184
Mean 71.44
RMS 55.16
signal [adc counts]

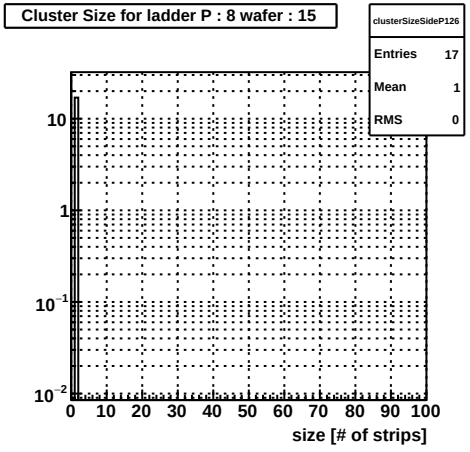

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

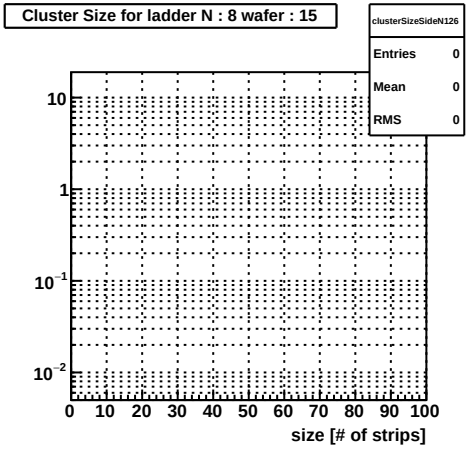

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 11538
Mean 1.553
RMS 0.7893
size [# of strips]

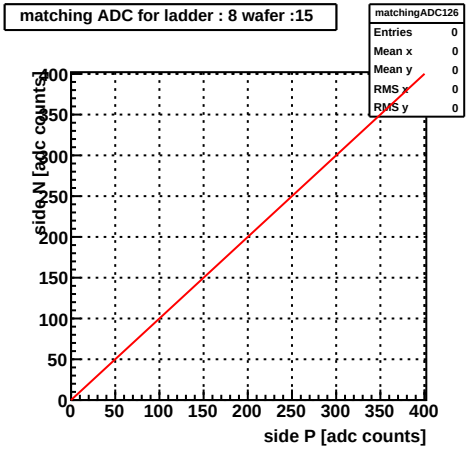

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

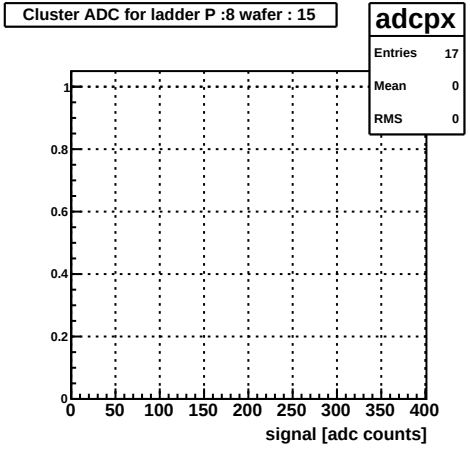

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

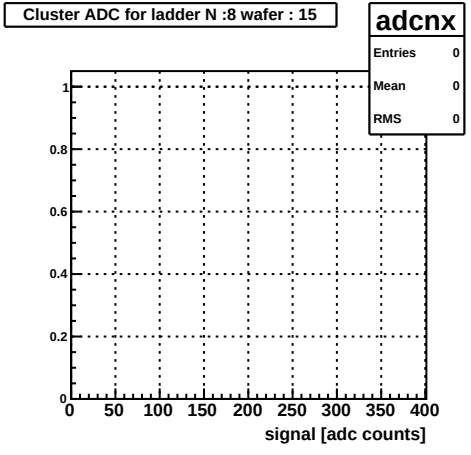

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 11538
Mean 74.45
RMS 56.19
signal [adc counts]

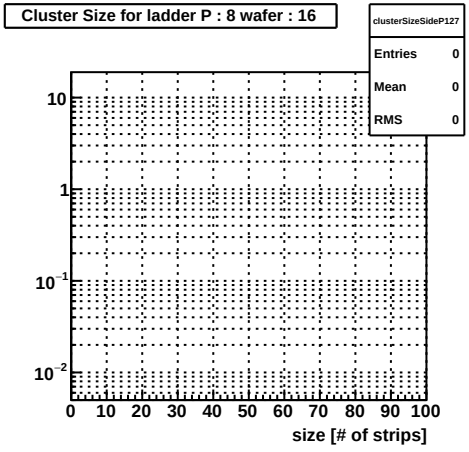

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 17
Mean 1
RMS 0
size [# of strips]

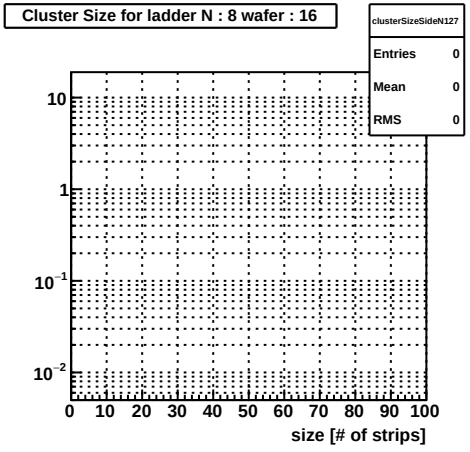

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

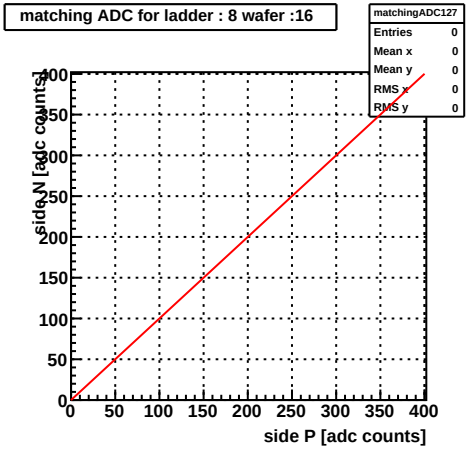

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

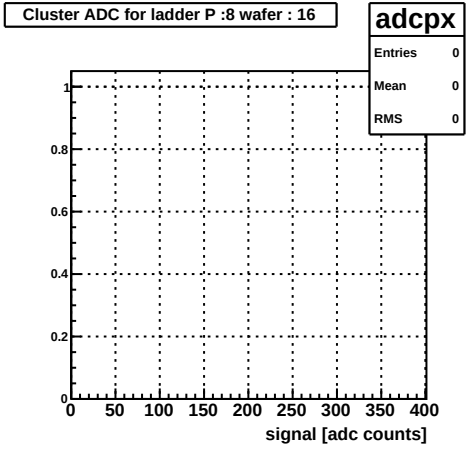

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 17
Mean 0
RMS 0
signal [adc counts]

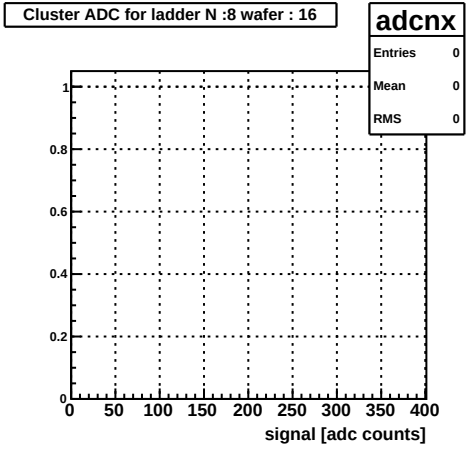

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

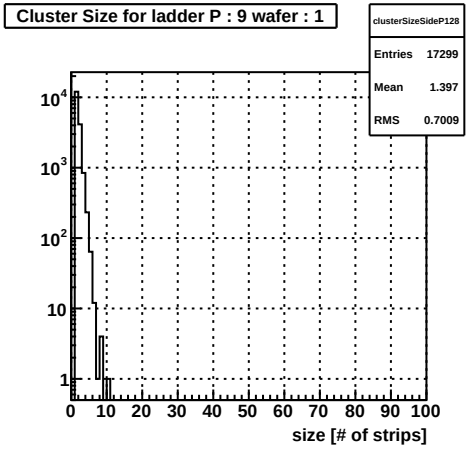

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

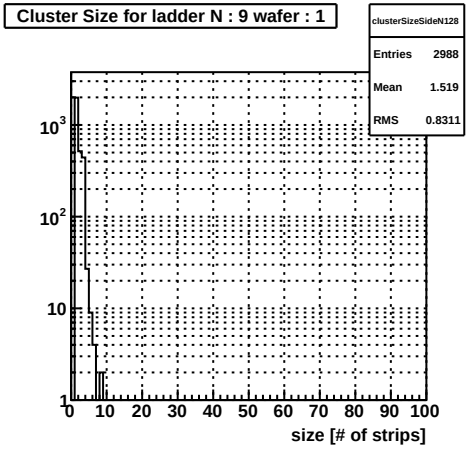

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

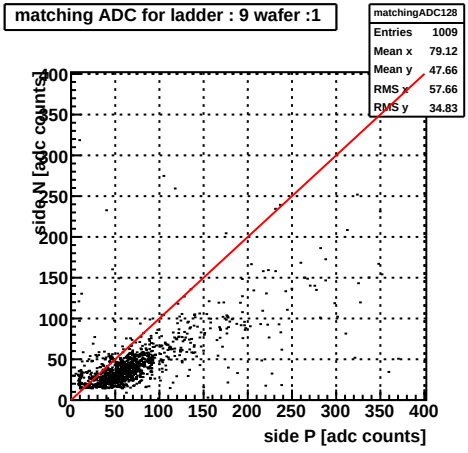

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

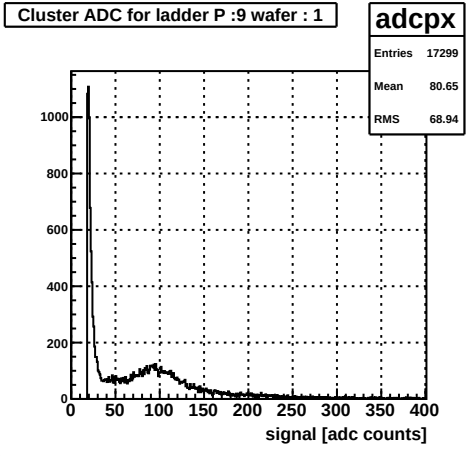

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

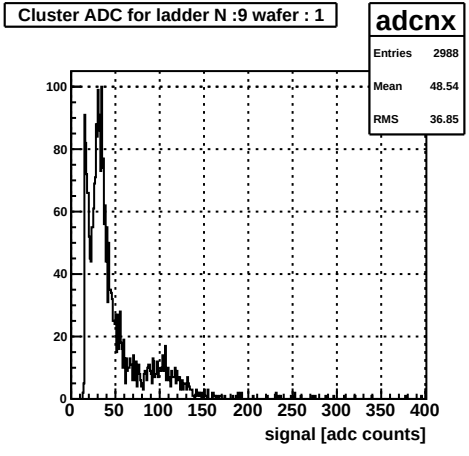

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

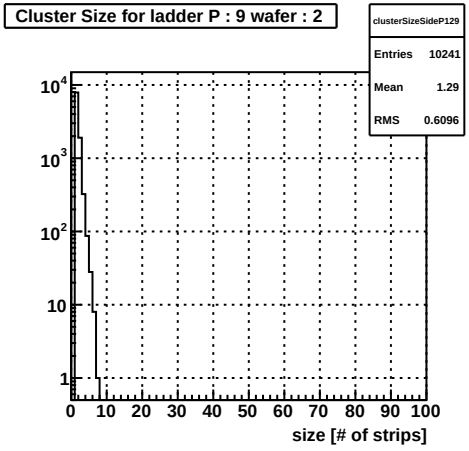

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 17299
Mean 1.397
RMS 0.7009
size [# of strips]

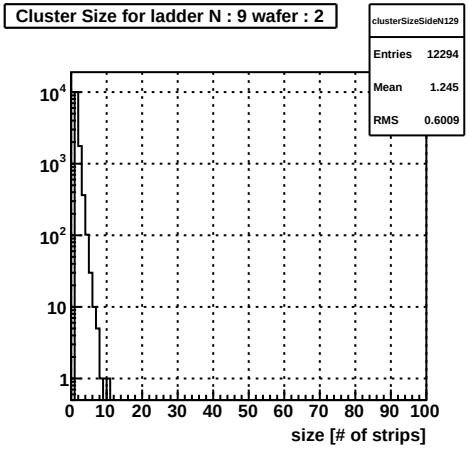

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2988
Mean 1.519
RMS 0.8311
size [# of strips]

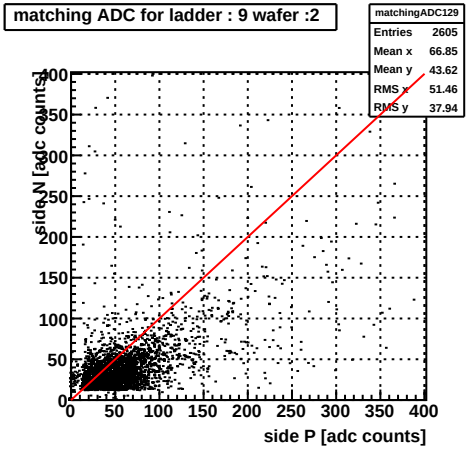

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1009
Mean x 79.12
Mean y 47.66
RMS x 57.66
RMS y 34.83
side N [adc counts]
side P [adc counts]

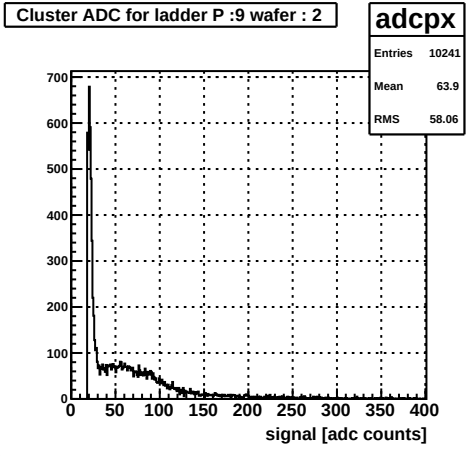

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 17299
Mean 80.65
RMS 68.94
signal [adc counts]

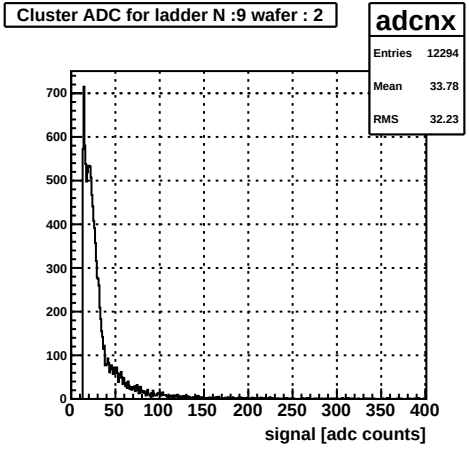

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2988
Mean 48.54
RMS 36.85
signal [adc counts]

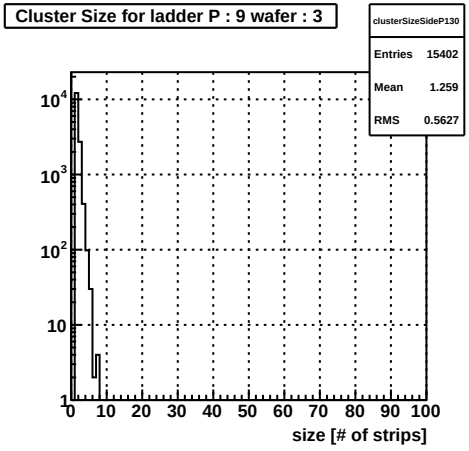

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10241
Mean 1.29
RMS 0.6096
size [# of strips]

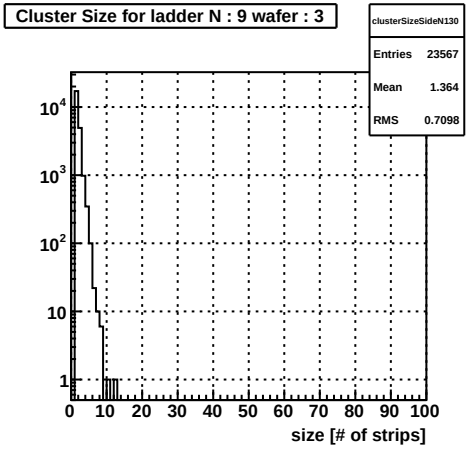

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 12294
Mean 1.245
RMS 0.6009
size [# of strips]

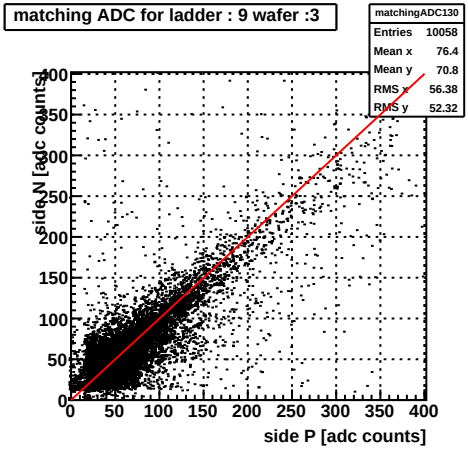

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2605
Mean x 66.85
Mean y 43.62
RMS x 51.46
RMS y 37.94
side N [adc counts]
side P [adc counts]

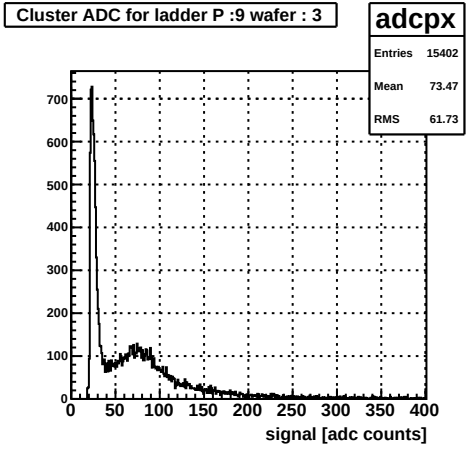

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10241
Mean 63.9
RMS 58.06
signal [adc counts]

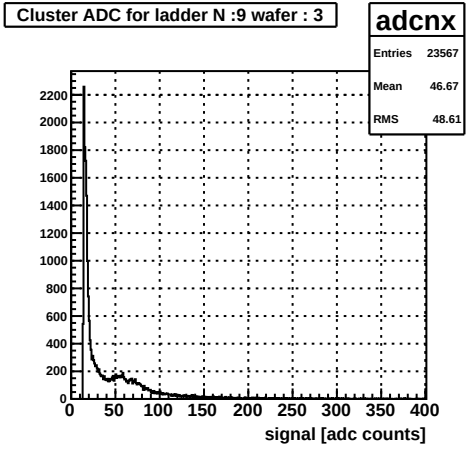

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 12294
Mean 33.78
RMS 32.23
signal [adc counts]

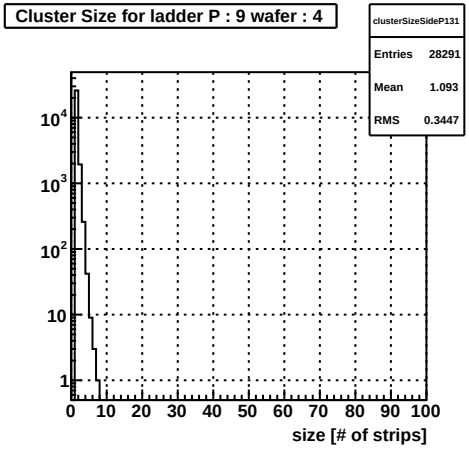

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 15402
Mean 1.259
RMS 0.5627
size [# of strips]

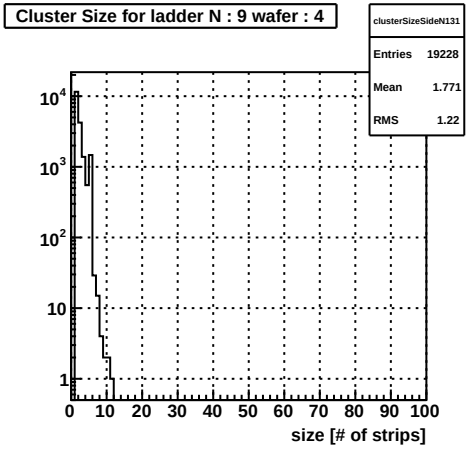

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 23567
Mean 1.364
RMS 0.7098
size [# of strips]

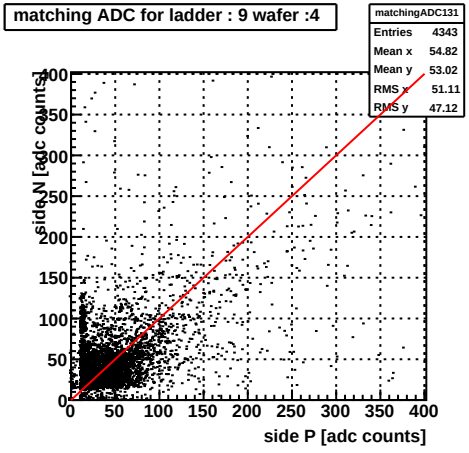

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10058
Mean x 76.4
Mean y 70.8
RMS x 56.38
RMS y 52.32
side N [adc counts]
side P [adc counts]

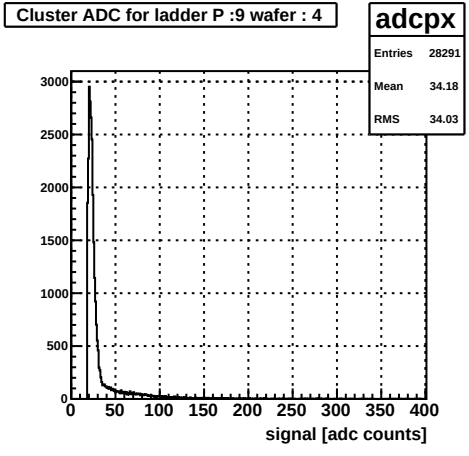

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 15402
Mean 73.47
RMS 61.73
signal [adc counts]

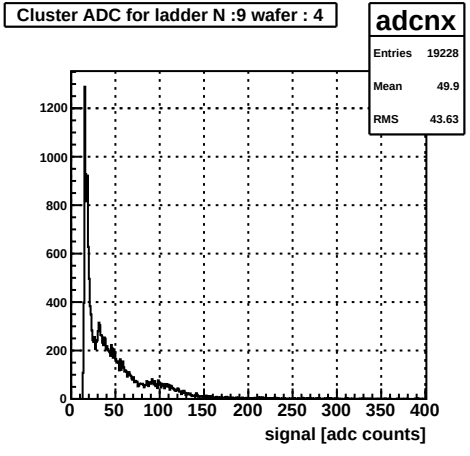

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 23567
Mean 46.67
RMS 48.61
signal [adc counts]

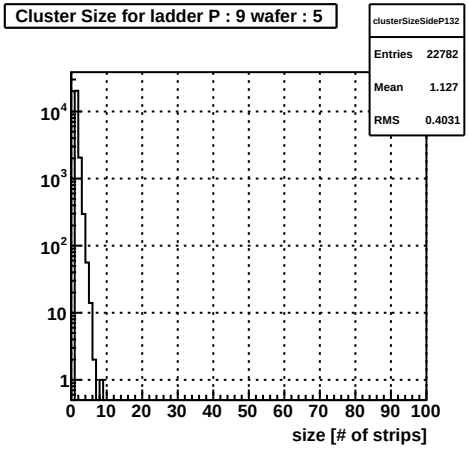

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 28291
Mean 1.093
RMS 0.3447
size [# of strips]

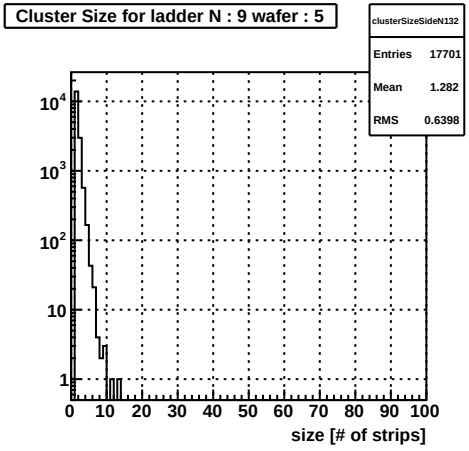

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 19228
Mean 1.771
RMS 1.22
size [# of strips]

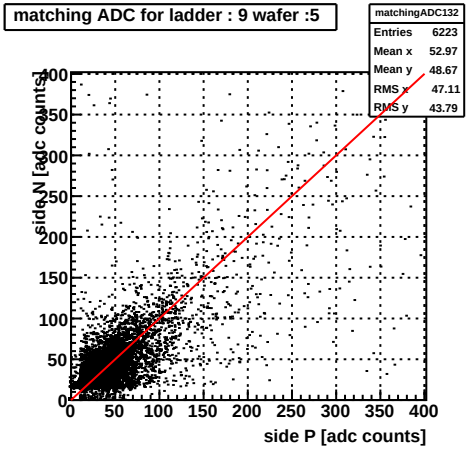

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4343
Mean x 54.82
Mean y 53.02
RMS x 51.11
RMS y 47.12
side N [adc counts]
side P [adc counts]

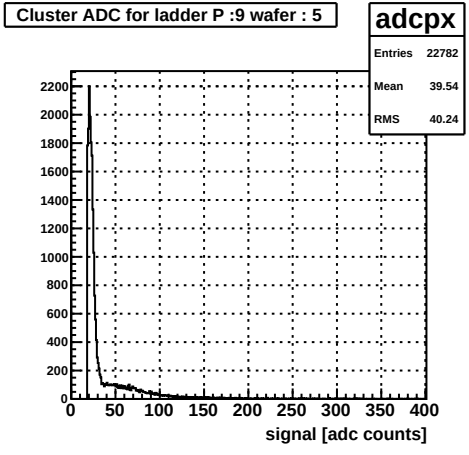

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 28291
Mean 34.18
RMS 34.03
signal [adc counts]

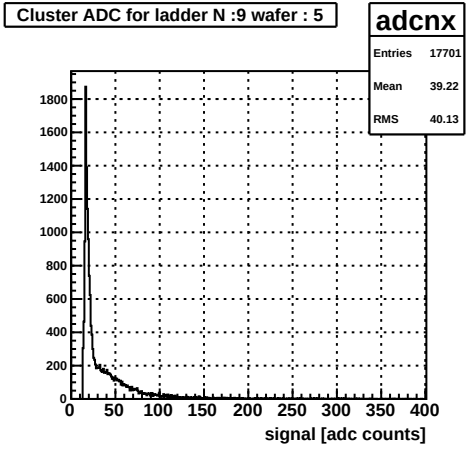

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 19228
Mean 49.9
RMS 43.63
signal [adc counts]

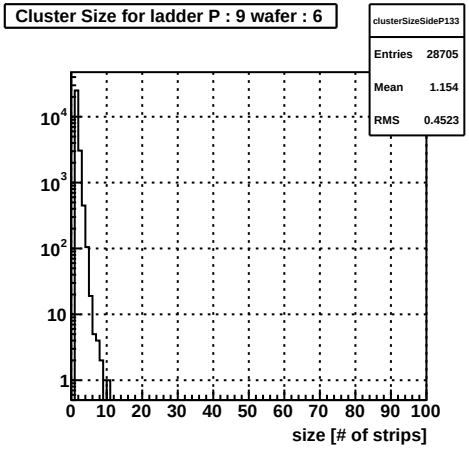

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 22782
Mean 1.127
RMS 0.4031
size [# of strips]

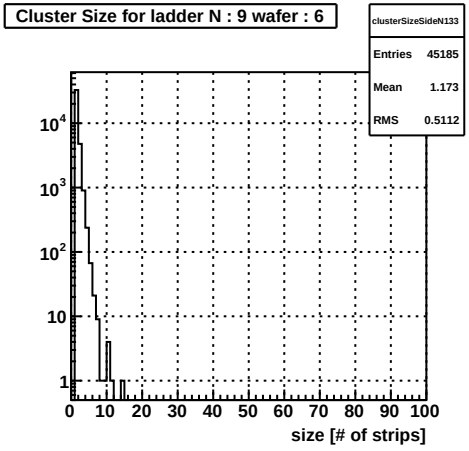

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 17701
Mean 1.282
RMS 0.6398
size [# of strips]

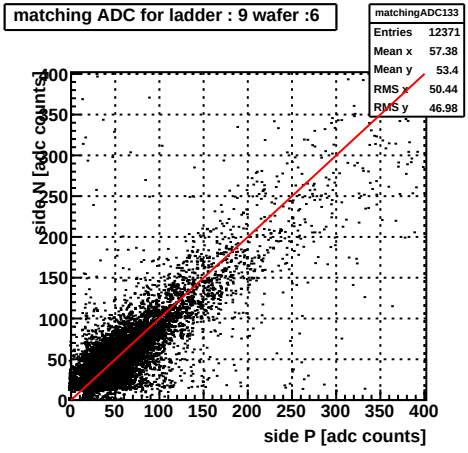

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6223
Mean x 52.97
Mean y 48.67
RMS x 47.11
RMS y 43.79
side N [adc counts]
side P [adc counts]

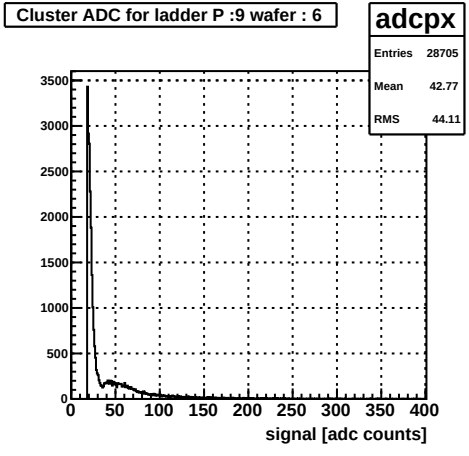

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 22782
Mean 39.54
RMS 40.24
signal [adc counts]

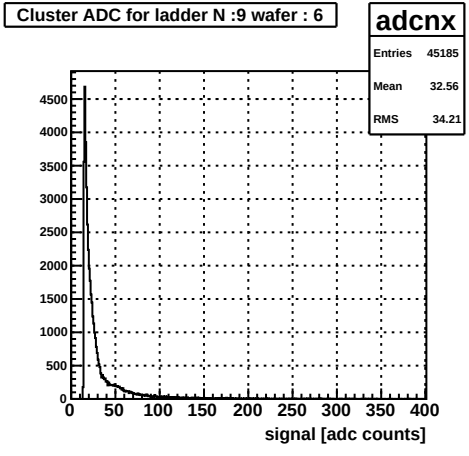

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 17701
Mean 39.22
RMS 40.13
signal [adc counts]

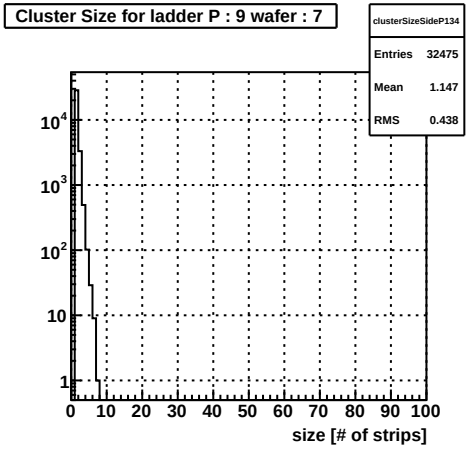

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 28705
Mean 1.154
RMS 0.4523
size [# of strips]

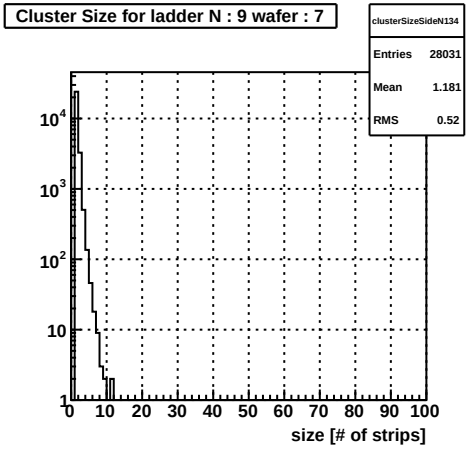

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 45185
Mean 1.173
RMS 0.5112
size [# of strips]

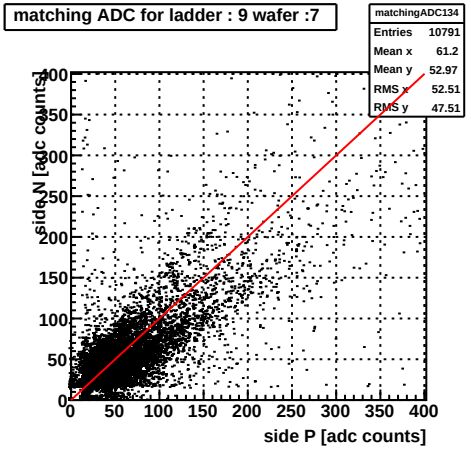

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12371
Mean x 57.38
Mean y 53.4
RMS x 50.44
RMS y 46.98
side N [adc counts]
side P [adc counts]

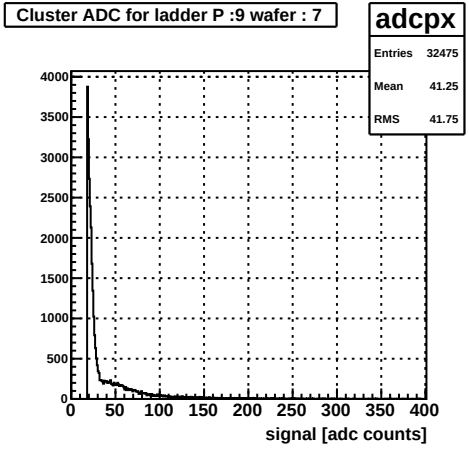

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 28705
Mean 42.77
RMS 44.11
signal [adc counts]

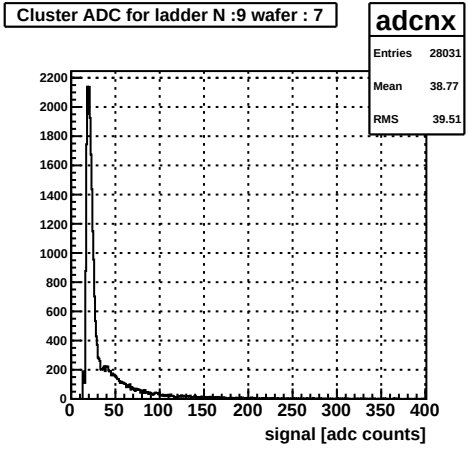

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 45185
Mean 32.56
RMS 34.21
signal [adc counts]

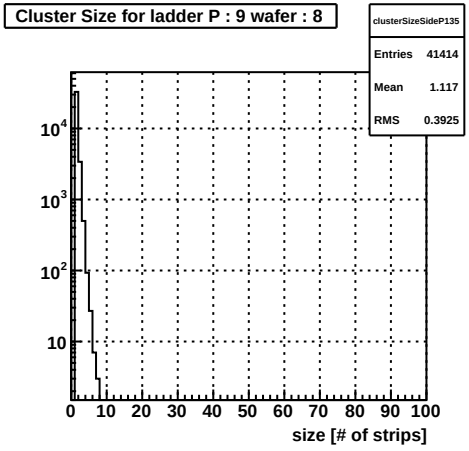

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32475
Mean 1.147
RMS 0.438
size [# of strips]

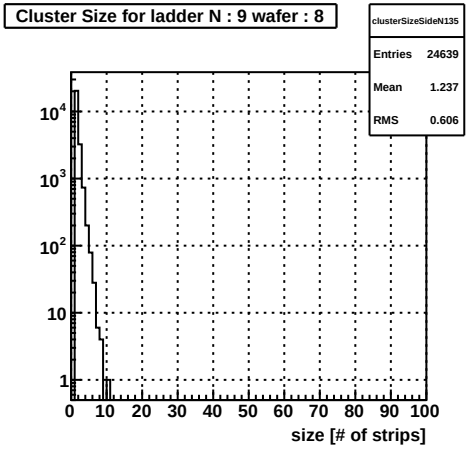

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 28031
Mean 1.181
RMS 0.52
size [# of strips]

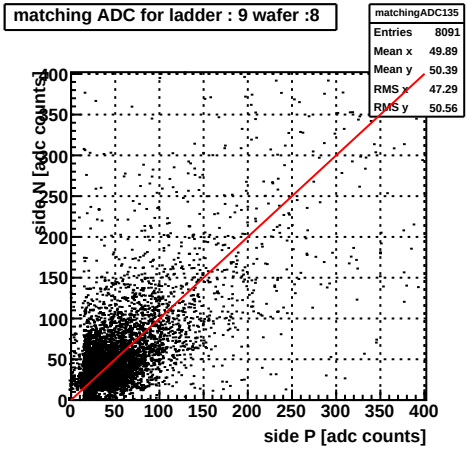

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10791
Mean x 61.2
Mean y 52.97
RMS x 52.51
RMS y 47.51
side N [adc counts]
side P [adc counts]

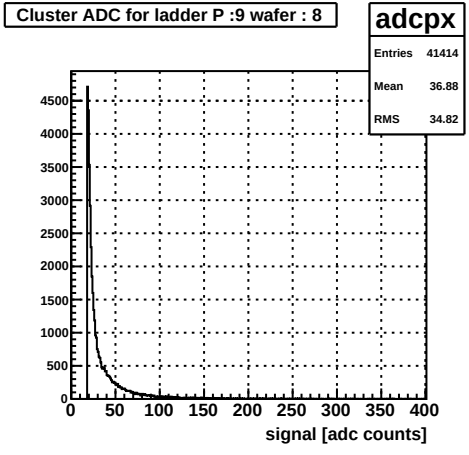

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32475
Mean 41.25
RMS 41.75
signal [adc counts]

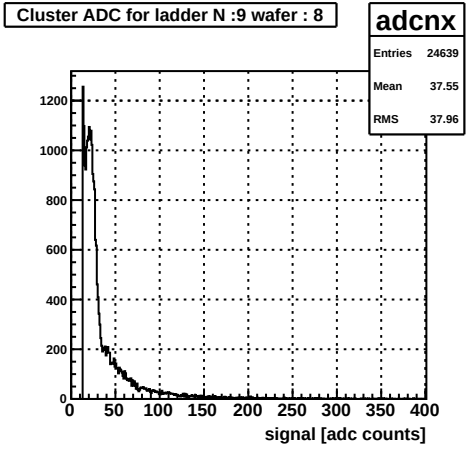

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 28031
Mean 38.77
RMS 39.51
signal [adc counts]

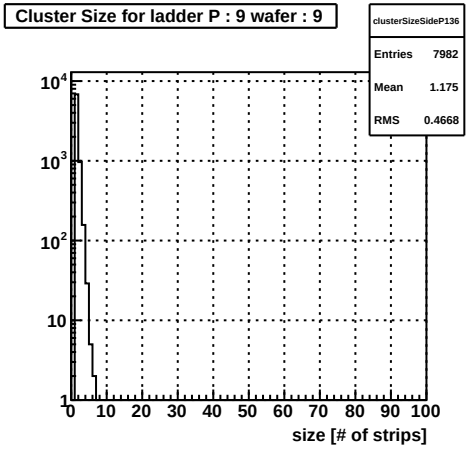

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 41414
Mean 1.117
RMS 0.3925
size [# of strips]

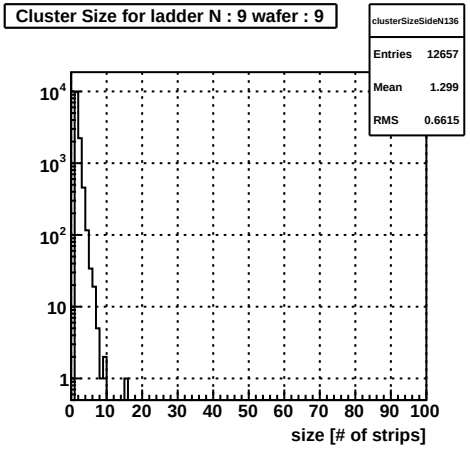

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 24639
Mean 1.237
RMS 0.606
size [# of strips]

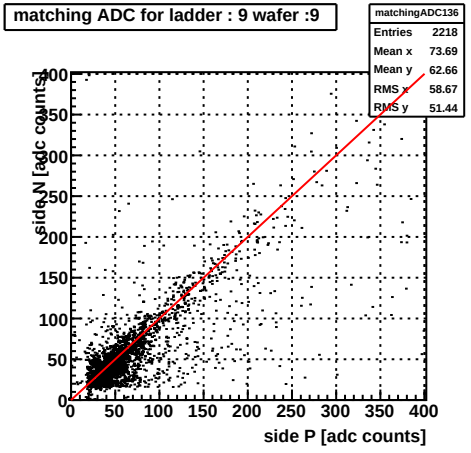

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 8091
Mean x 49.89
Mean y 50.39
RMS x 47.29
RMS y 50.56
side N [adc counts]
side P [adc counts]

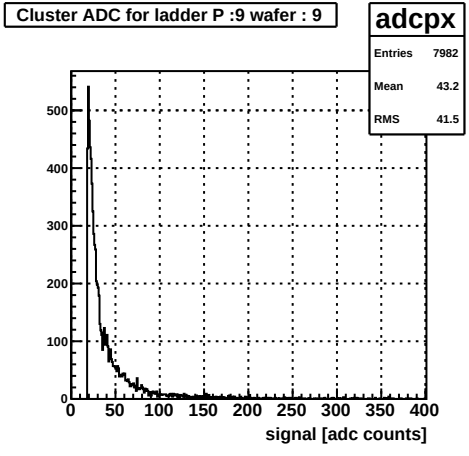

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 41414
Mean 36.88
RMS 34.82
signal [adc counts]

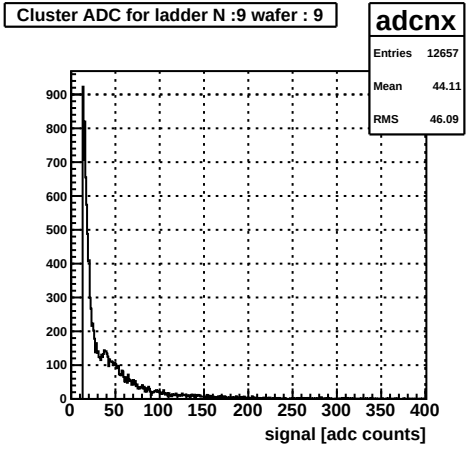

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 24639
Mean 37.55
RMS 37.96
signal [adc counts]

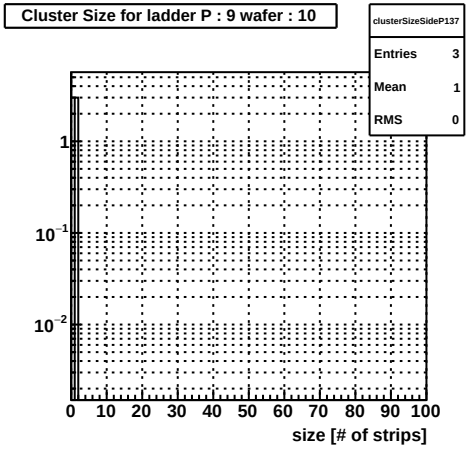

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 7982
Mean 1.175
RMS 0.4668
size [# of strips]

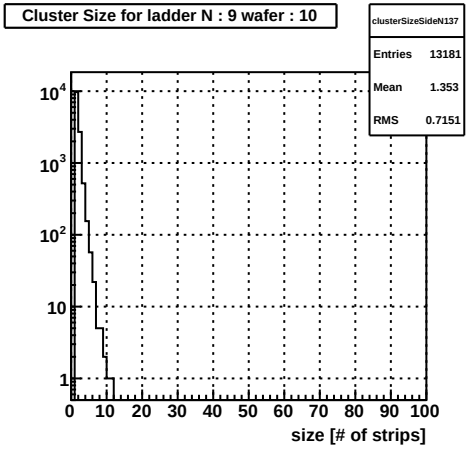

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 12657
Mean 1.299
RMS 0.6615
size [# of strips]

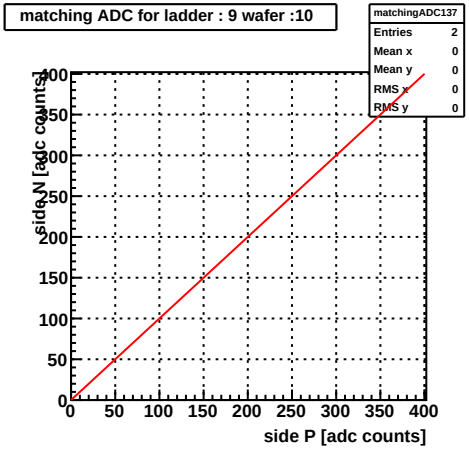

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2218
Mean x 73.69
Mean y 62.66
RMS x 58.67
RMS y 51.44
side N [adc counts]
side P [adc counts]

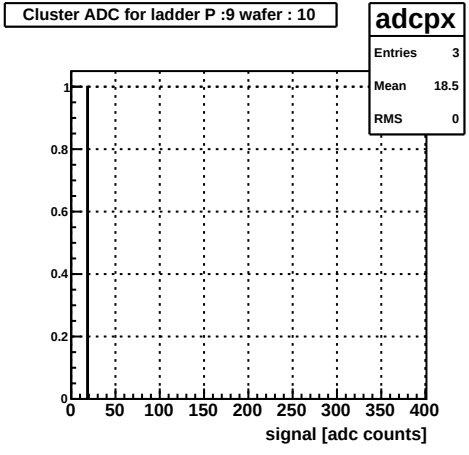

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 7982
Mean 43.2
RMS 41.5
signal [adc counts]

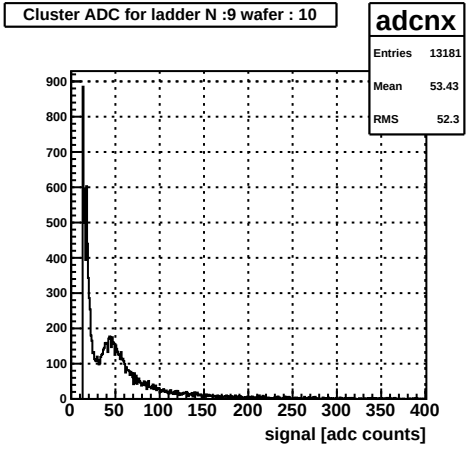

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 12657
Mean 44.11
RMS 46.09
signal [adc counts]

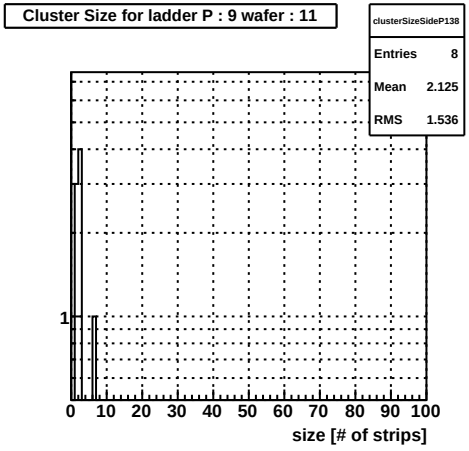

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 3
Mean 1
RMS 0
size [# of strips]

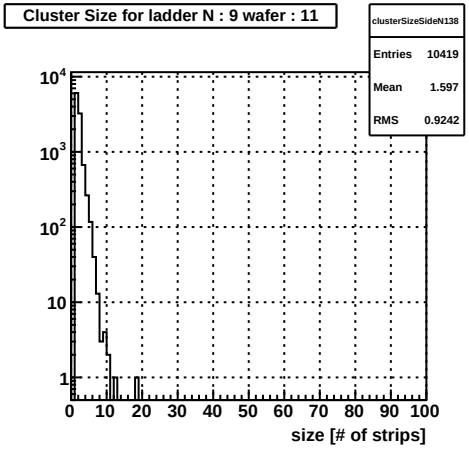

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13181
Mean 1.353
RMS 0.7151
size [# of strips]

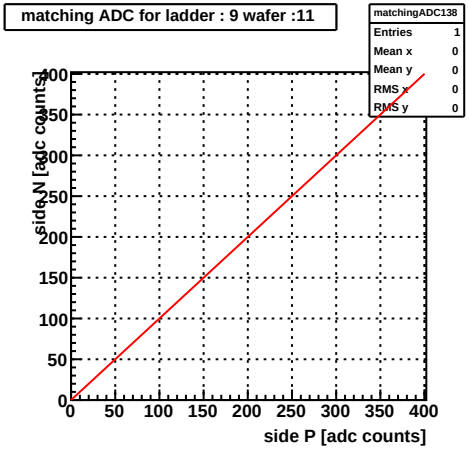

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

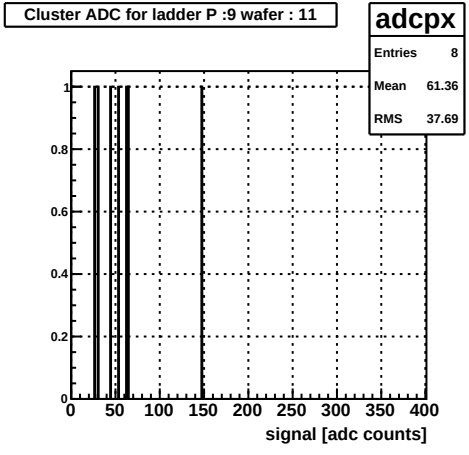

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 3
Mean 18.5
RMS 0
signal [adc counts]

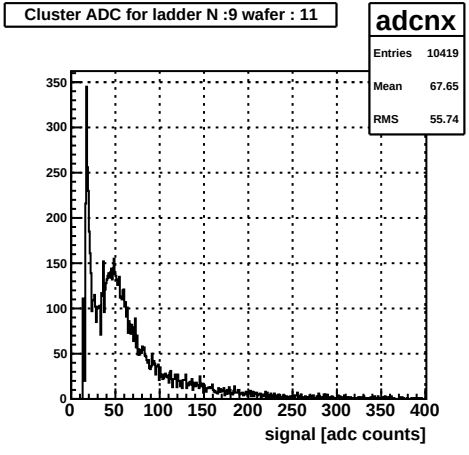

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13181
Mean 53.43
RMS 52.3
signal [adc counts]

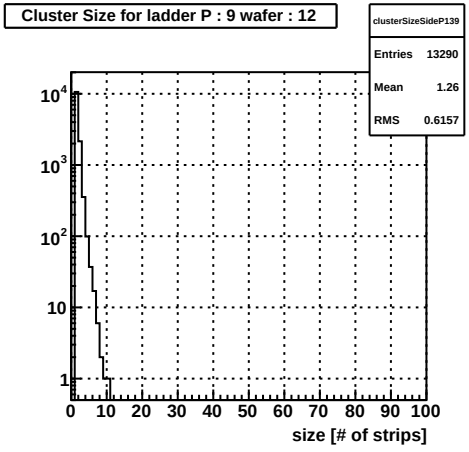

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 8
Mean 2.125
RMS 1.536
size [# of strips]

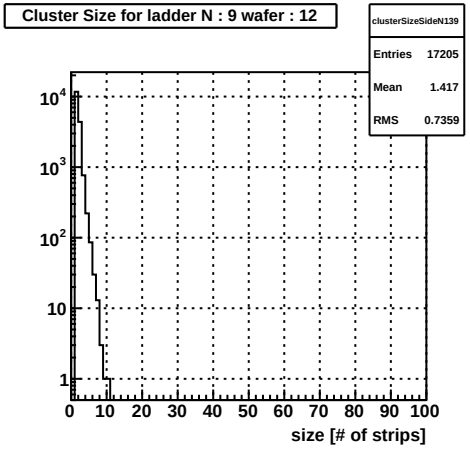

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 10419
Mean 1.597
RMS 0.9242
size [# of strips]

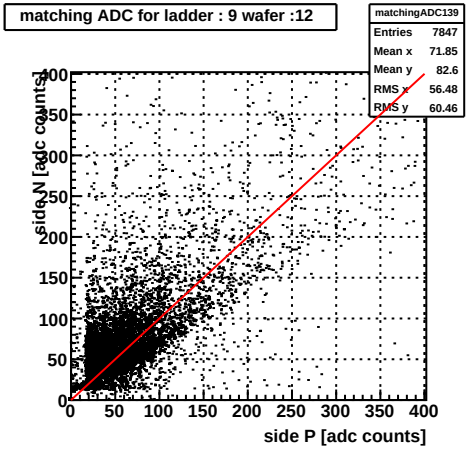

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

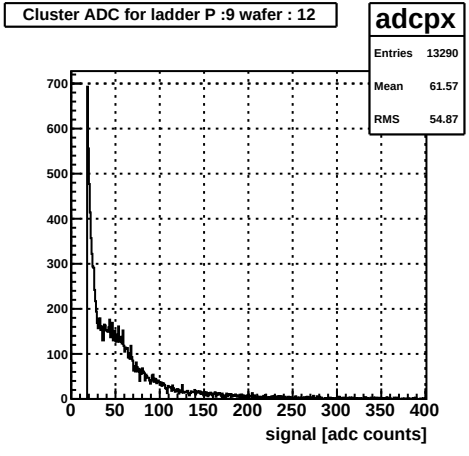

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 8
Mean 61.36
RMS 37.69
signal [adc counts]

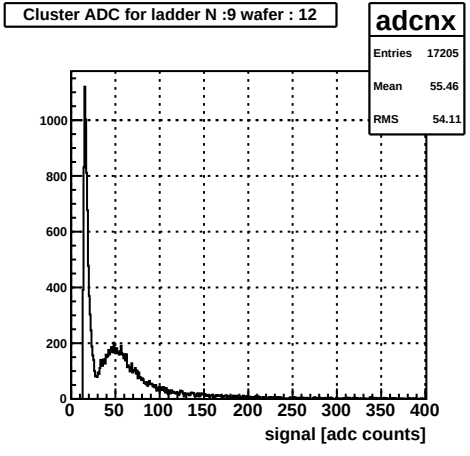

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 10419
Mean 67.65
RMS 55.74
signal [adc counts]

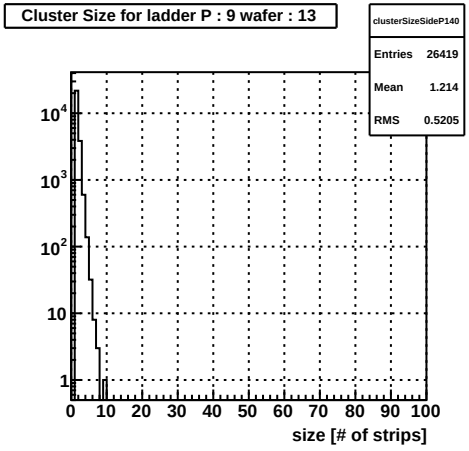

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 13290
Mean 1.26
RMS 0.6157
size [# of strips]

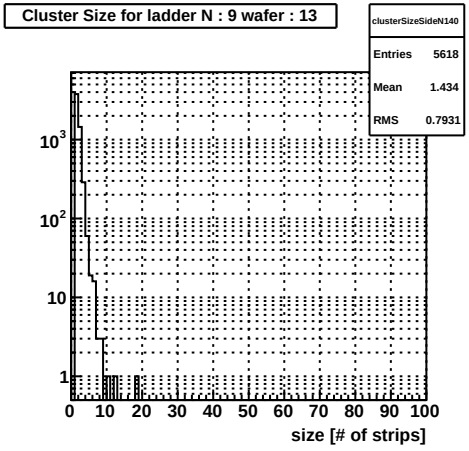

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 17205
Mean 1.417
RMS 0.7359
size [# of strips]

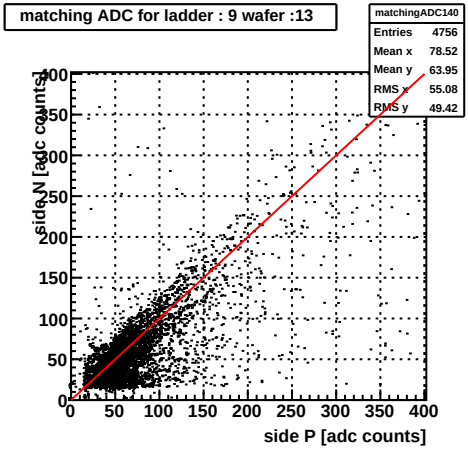

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 7847
Mean x 71.85
Mean y 82.6
RMS x 56.48
RMS y 60.46
side N [adc counts]
side P [adc counts]

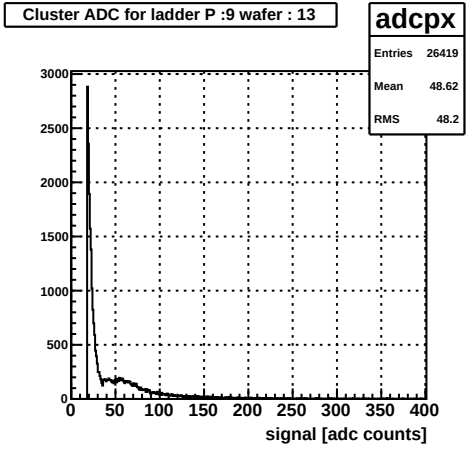

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 13290
Mean 61.57
RMS 54.87
signal [adc counts]

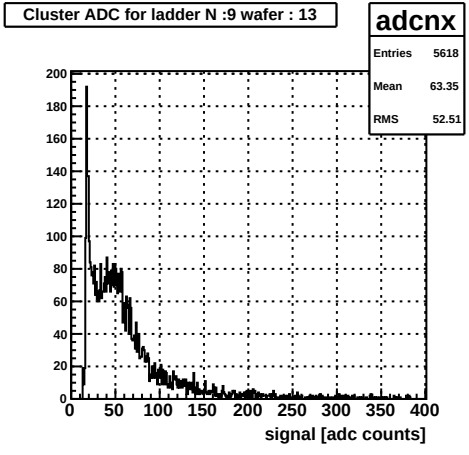

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 17205
Mean 55.46
RMS 54.11
signal [adc counts]

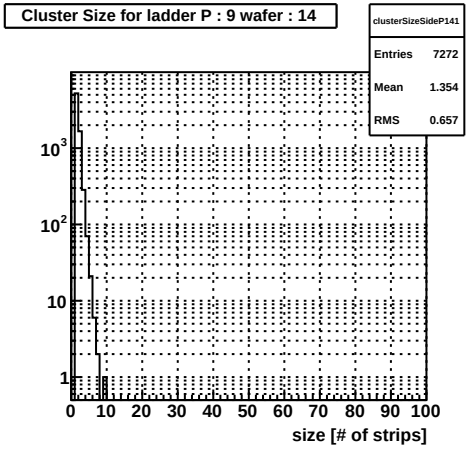

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 26419
Mean 1.214
RMS 0.5205
size [# of strips]

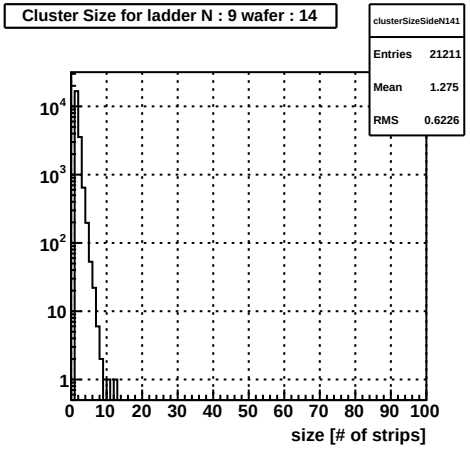

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 5618
Mean 1.434
RMS 0.7931
size [# of strips]

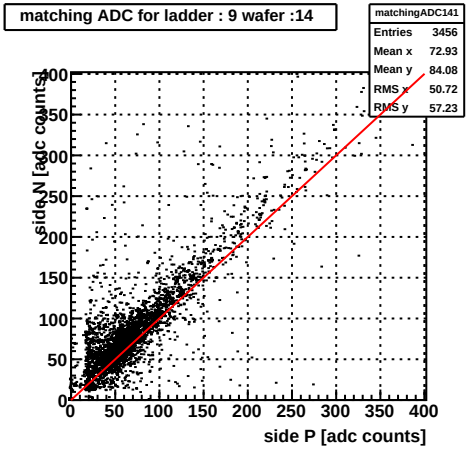

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 4756
Mean x 78.52
Mean y 63.95
RMS x 55.08
RMS y 49.42
side N [adc counts]
side P [adc counts]

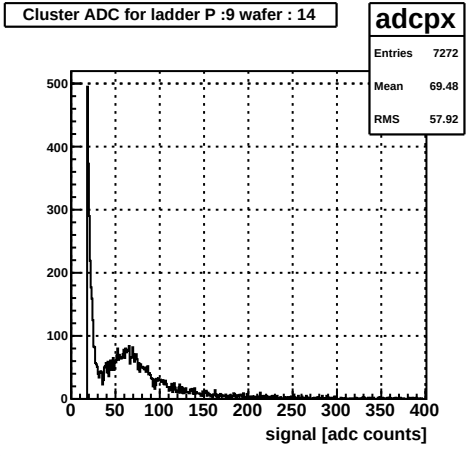

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 26419
Mean 48.62
RMS 48.2
signal [adc counts]

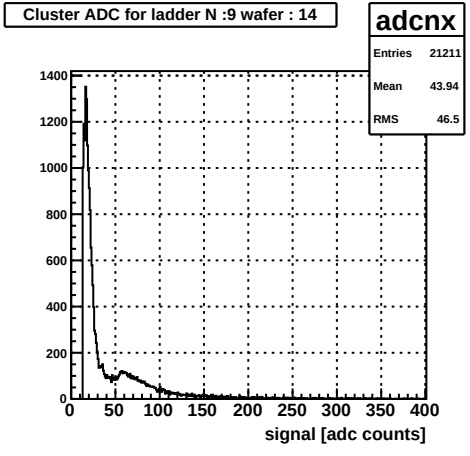

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 5618
Mean 63.35
RMS 52.51
signal [adc counts]

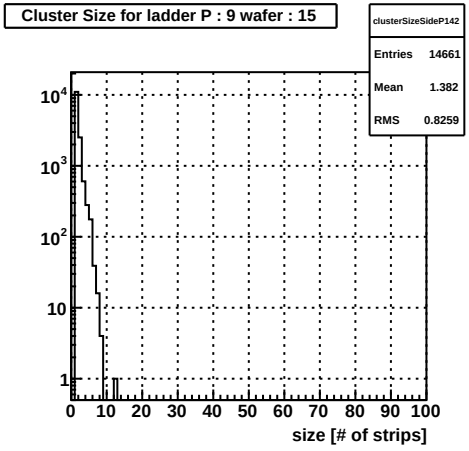

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 7272
Mean 1.354
RMS 0.657
size [# of strips]

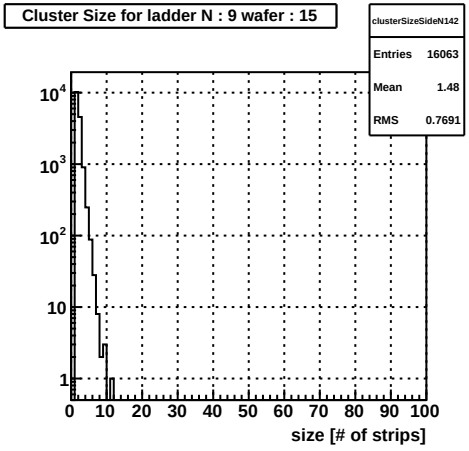

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 21211
Mean 1.275
RMS 0.6226
size [# of strips]

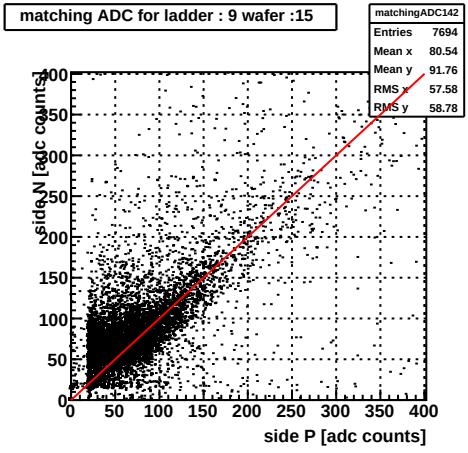

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3456
Mean x 72.93
Mean y 84.08
RMS x 50.72
RMS y 57.23
side N [adc counts]
side P [adc counts]

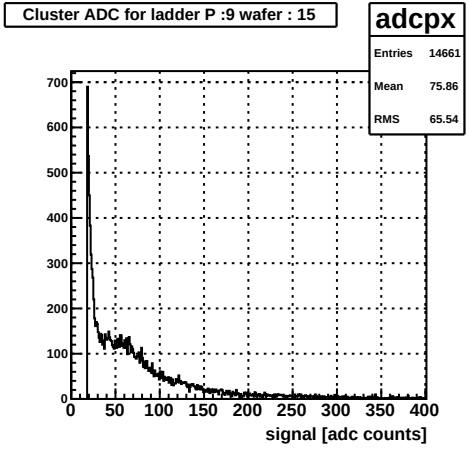

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 7272
Mean 69.48
RMS 57.92
signal [adc counts]

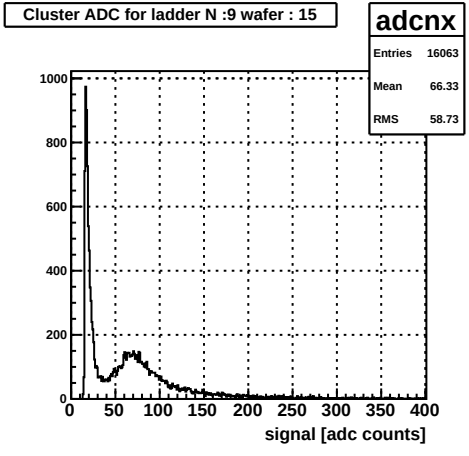

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 21211
Mean 43.94
RMS 46.5
signal [adc counts]

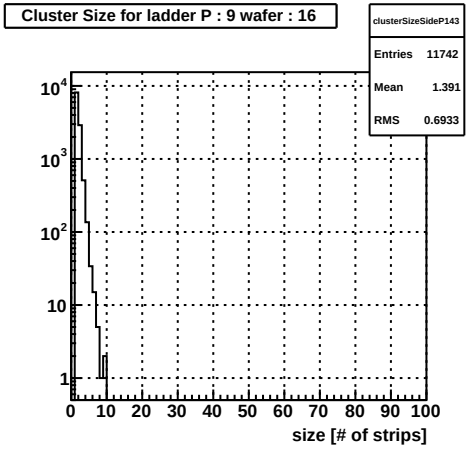

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 14661
Mean 1.382
RMS 0.8259
size [# of strips]

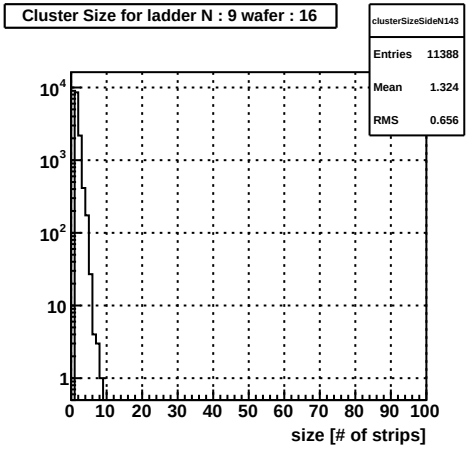

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 16063
Mean 1.48
RMS 0.7691
size [# of strips]

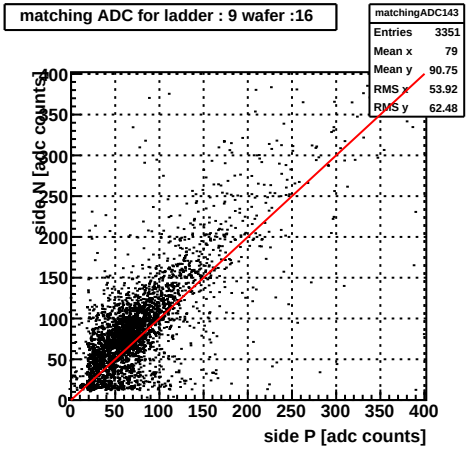

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 7694
Mean x 80.54
Mean y 91.76
RMS x 57.58
RMS y 58.78
side N [adc counts]
side P [adc counts]

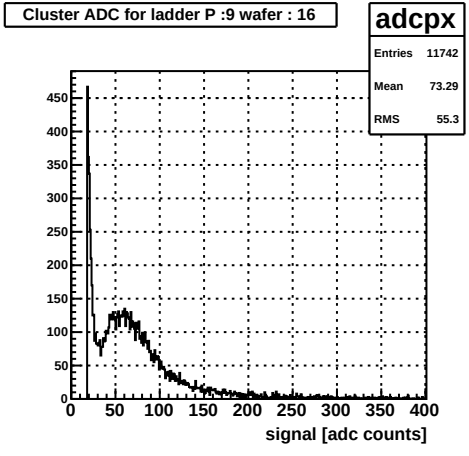

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 14661
Mean 75.86
RMS 65.54
signal [adc counts]

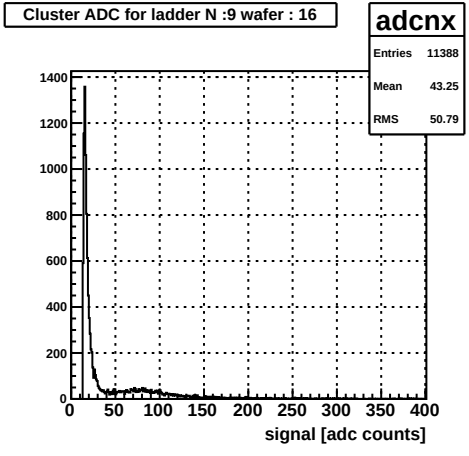

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 16063
Mean 66.33
RMS 58.73
signal [adc counts]

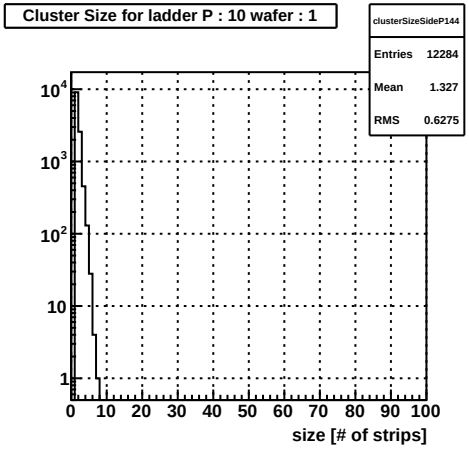

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 11742
Mean 1.391
RMS 0.6933
size [# of strips]

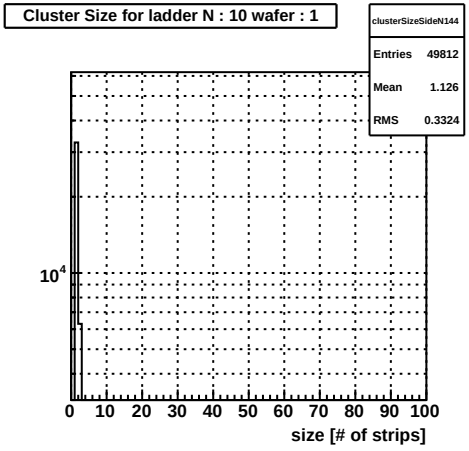

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 11388
Mean 1.324
RMS 0.656
size [# of strips]

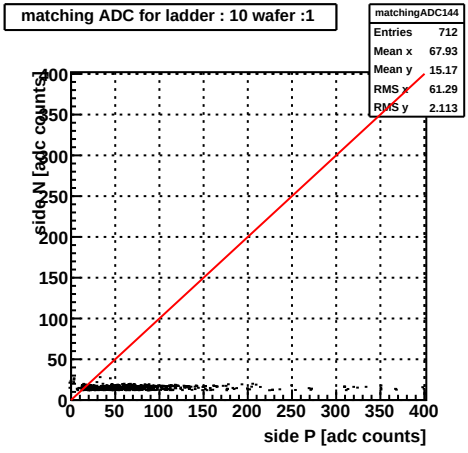

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3351
Mean x 79
Mean y 90.75
RMS x 53.92
RMS y 62.48
side N [adc counts]
side P [adc counts]

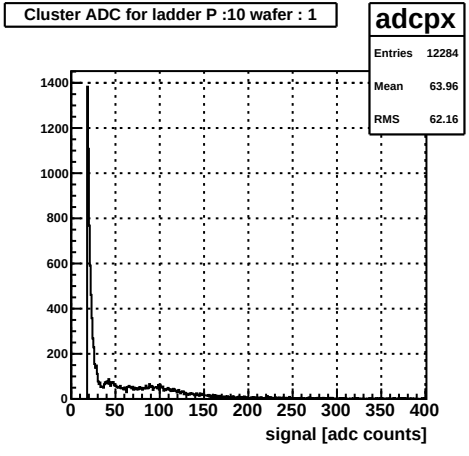

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 11742
Mean 73.29
RMS 55.3
signal [adc counts]

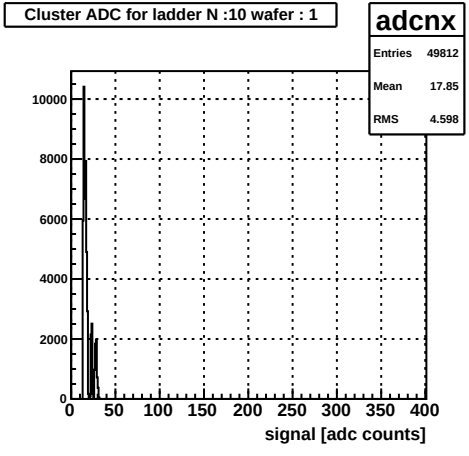

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 11388
Mean 43.25
RMS 50.79
signal [adc counts]

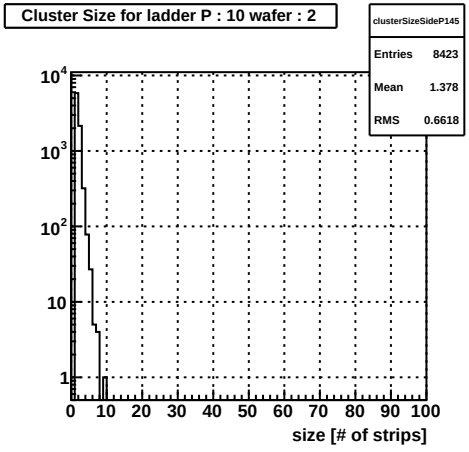

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 12284
Mean 1.327
RMS 0.6275
size [# of strips]

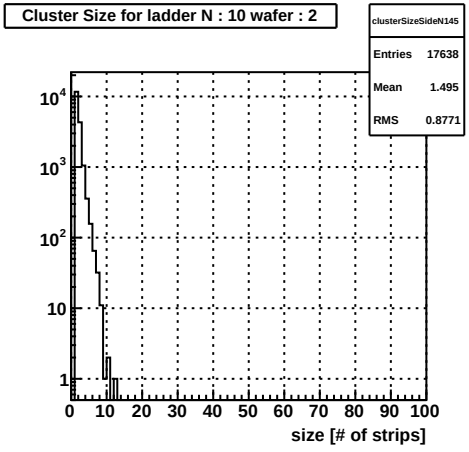

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 49812
Mean 1.126
RMS 0.3324
size [# of strips]

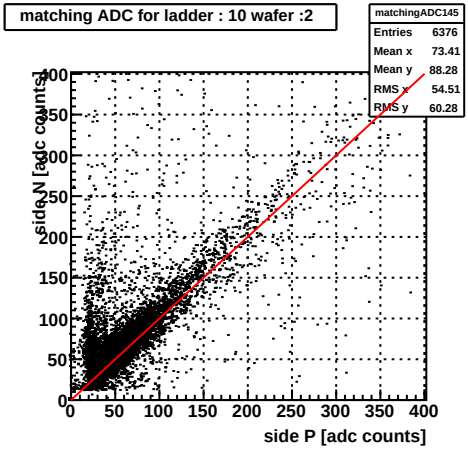

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 712
Mean x 67.93
Mean y 15.17
RMS x 61.29
RMS y 2.113
side N [adc counts]
side P [adc counts]

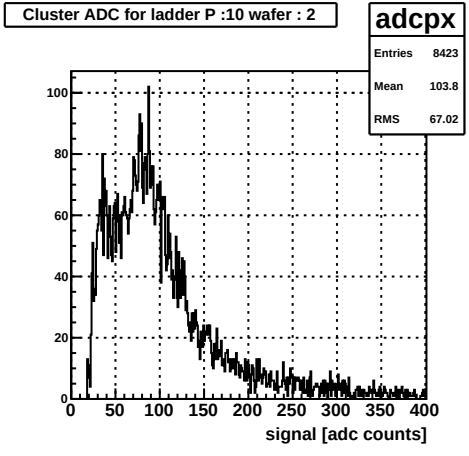

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 12284
Mean 63.96
RMS 62.16
signal [adc counts]

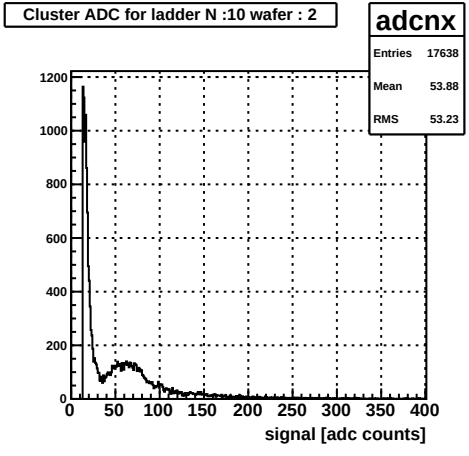

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 49812
Mean 17.85
RMS 4.598
signal [adc counts]

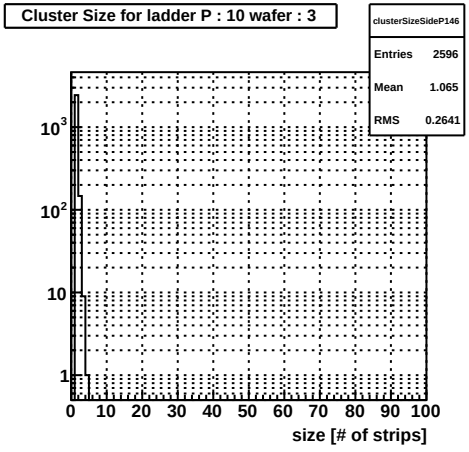

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8423
Mean 1.378
RMS 0.6618
size [# of strips]

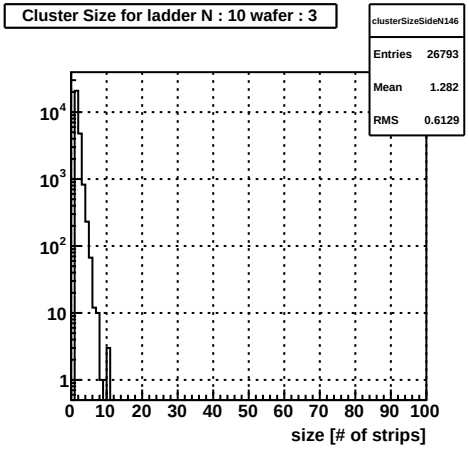

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 17638
Mean 1.495
RMS 0.8771
size [# of strips]

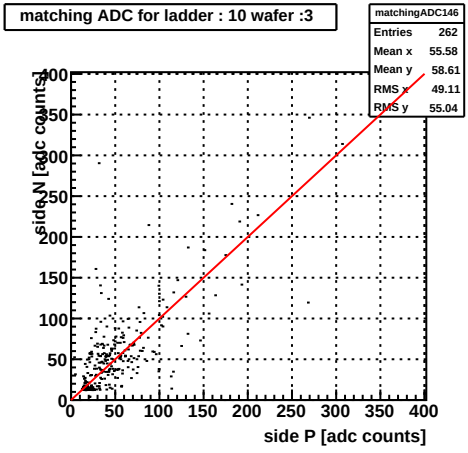

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6376
Mean x 73.41
Mean y 88.28
RMS x 54.51
RMS y 60.28
side N [adc counts]
side P [adc counts]

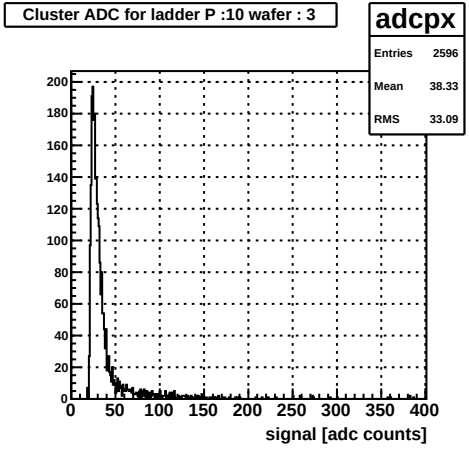

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8423
Mean 103.8
RMS 67.02
signal [adc counts]

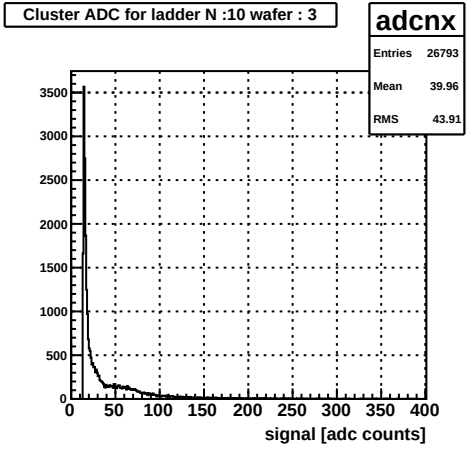

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 17638
Mean 53.88
RMS 53.23
signal [adc counts]

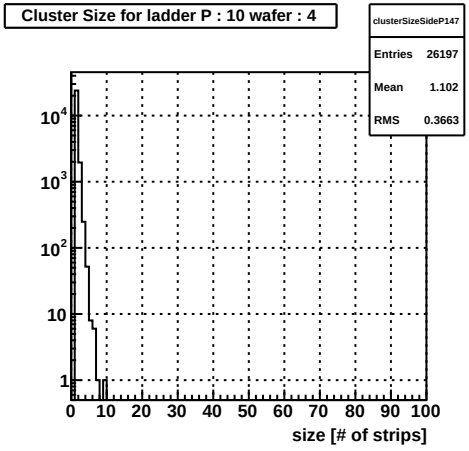

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 2596
Mean 1.065
RMS 0.2641
size [# of strips]

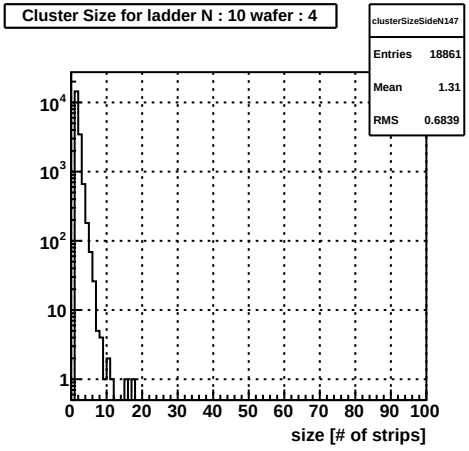

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 26793
Mean 1.282
RMS 0.6129
size [# of strips]

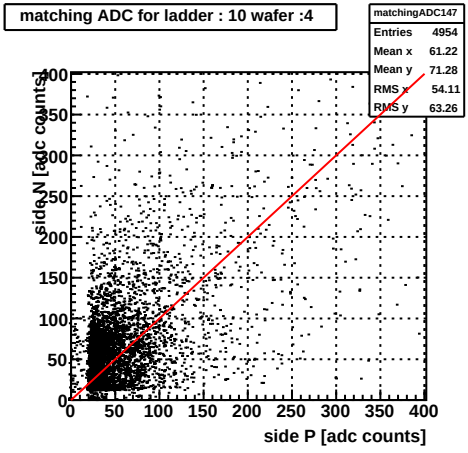

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 262
Mean x 55.58
Mean y 58.61
RMS x 49.11
RMS y 55.04
side N [adc counts]
side P [adc counts]

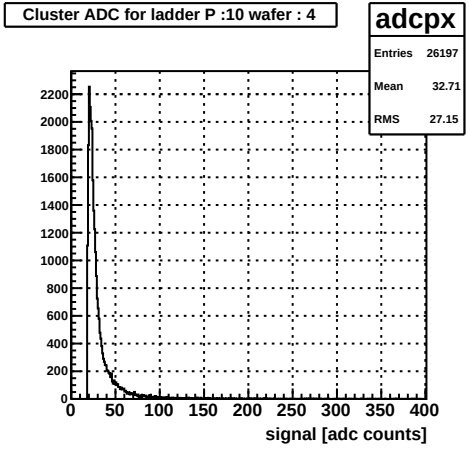

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 2596
Mean 38.33
RMS 33.09
signal [adc counts]

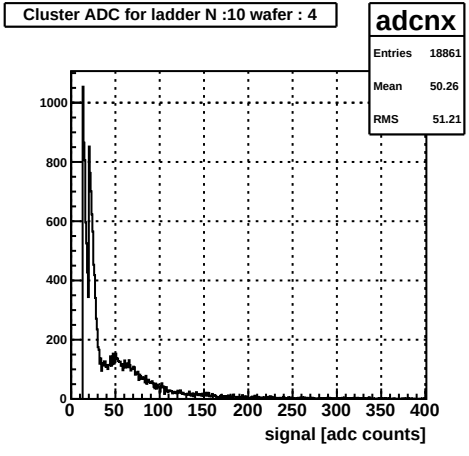

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 26793
Mean 39.96
RMS 43.91
signal [adc counts]

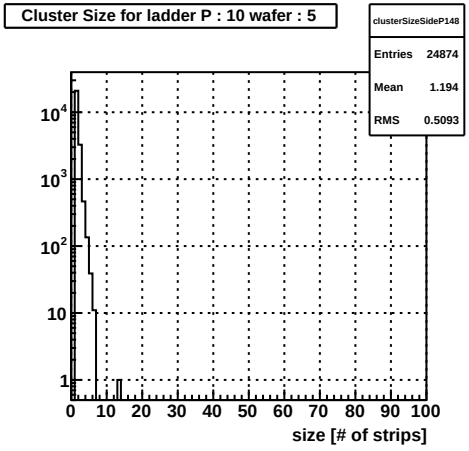

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 26197
Mean 1.102
RMS 0.3663
size [# of strips]

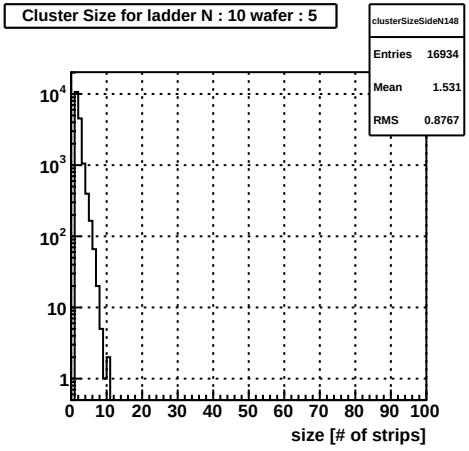

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 18861
Mean 1.31
RMS 0.6839
size [# of strips]

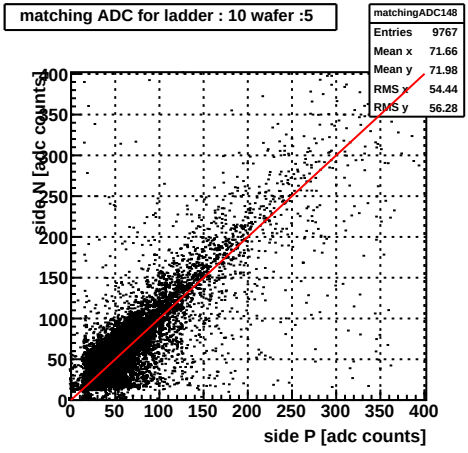

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4954
Mean x 61.22
Mean y 71.28
RMS x 54.11
RMS y 63.26
side N [adc counts]
side P [adc counts]

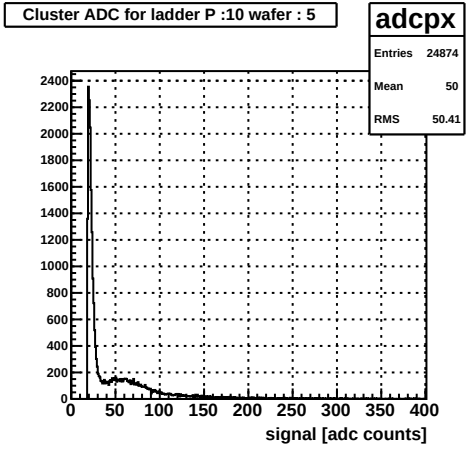

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 26197
Mean 32.71
RMS 27.15
signal [adc counts]

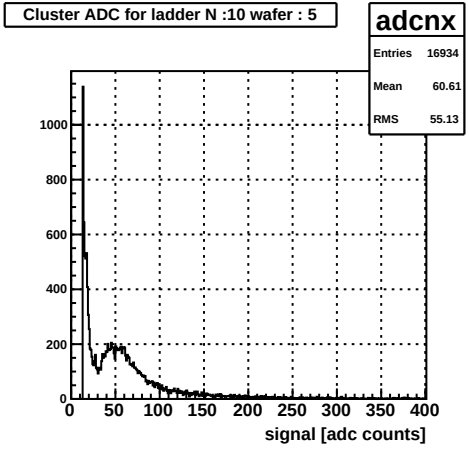

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 18861
Mean 50.26
RMS 51.21
signal [adc counts]

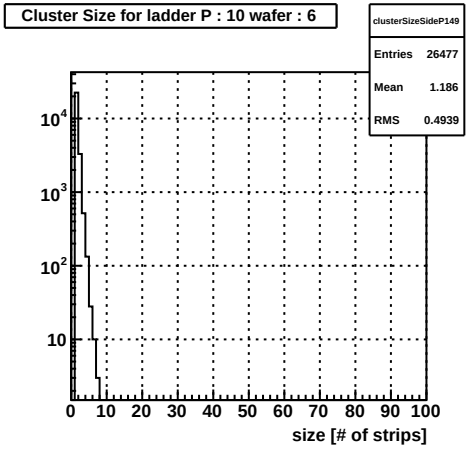

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 24874
Mean 1.194
RMS 0.5093
size [# of strips]

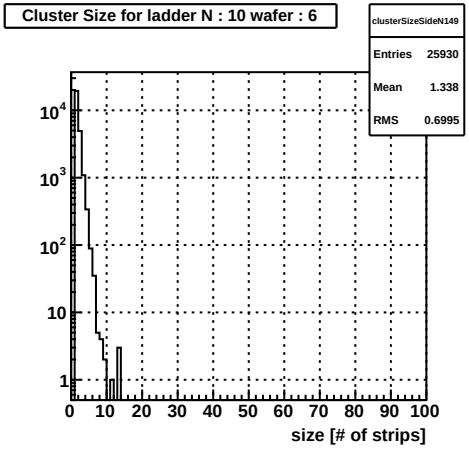

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 16934
Mean 1.531
RMS 0.8767
size [# of strips]

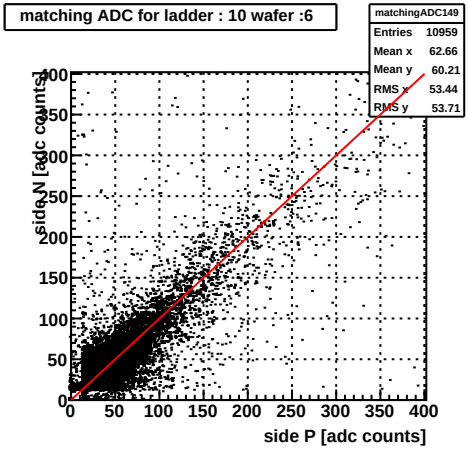

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 9767
Mean x 71.66
Mean y 71.98
RMS x 54.44
RMS y 56.28
side N [adc counts]
side P [adc counts]

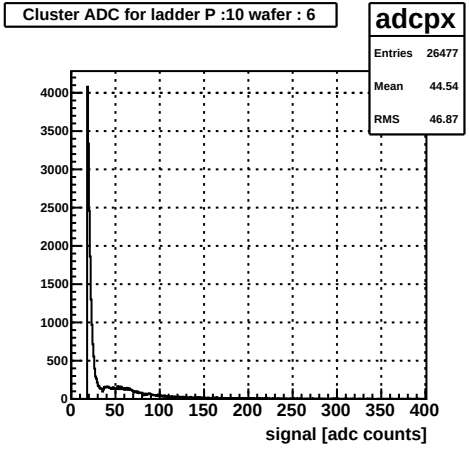

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 24874
Mean 50
RMS 50.41
signal [adc counts]

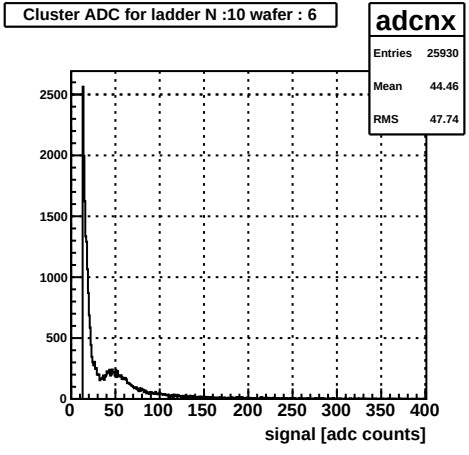

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 16934
Mean 60.61
RMS 55.13
signal [adc counts]

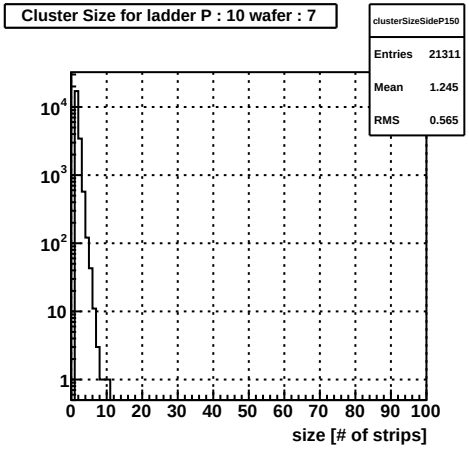

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 26477
Mean 1.186
RMS 0.4939
size [# of strips]

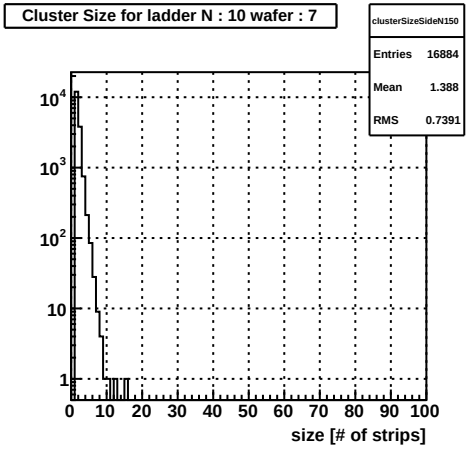

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 25930
Mean 1.338
RMS 0.6995
size [# of strips]

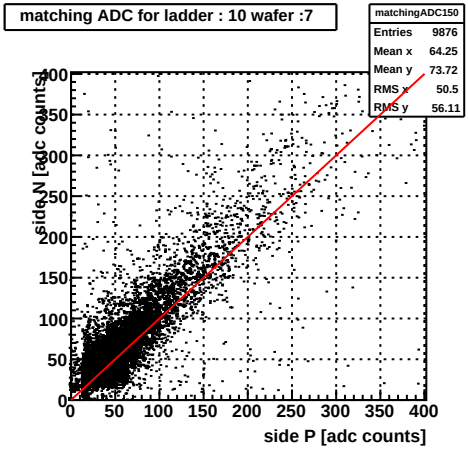

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 10959
Mean x 62.66
Mean y 60.21
RMS x 53.44
RMS y 53.71
side N [adc counts]
side P [adc counts]

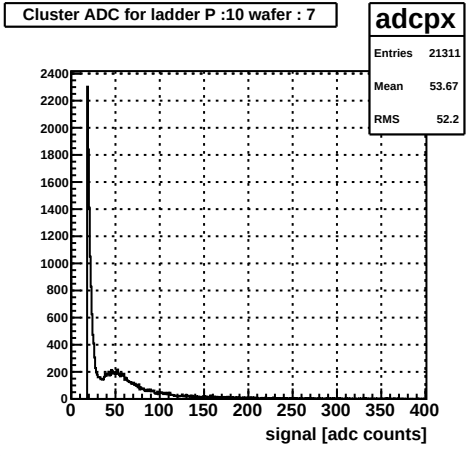

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 26477
Mean 44.54
RMS 46.87
signal [adc counts]

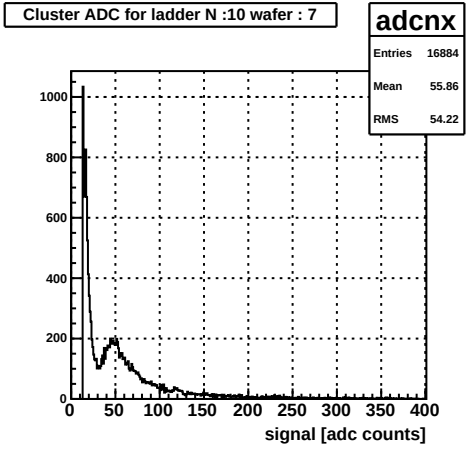

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 25930
Mean 44.46
RMS 47.74
signal [adc counts]

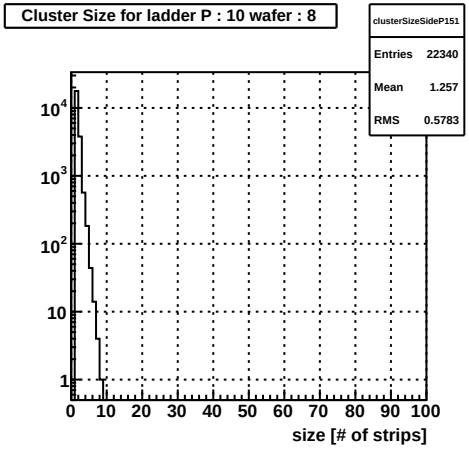

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 21311
Mean 1.245
RMS 0.565
size [# of strips]

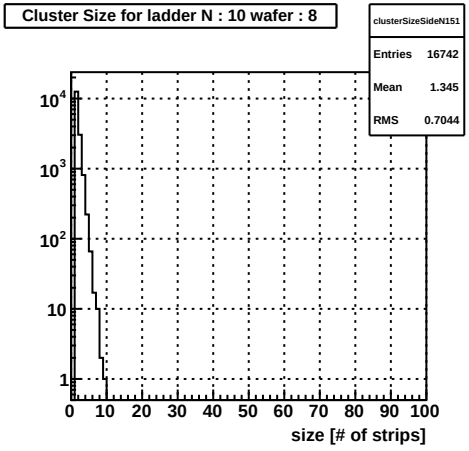

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 16884
Mean 1.388
RMS 0.7391
size [# of strips]

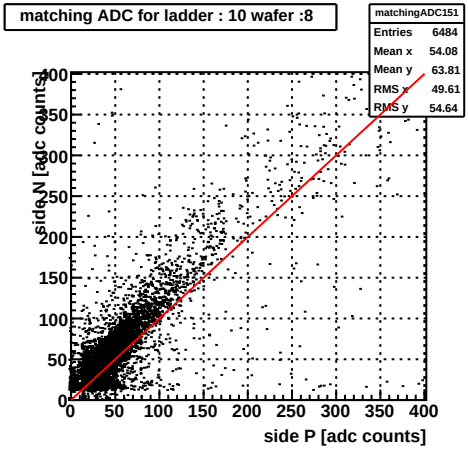

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 9876
Mean x 64.25
Mean y 73.72
RMS x 50.5
RMS y 56.11
side N [adc counts]
side P [adc counts]

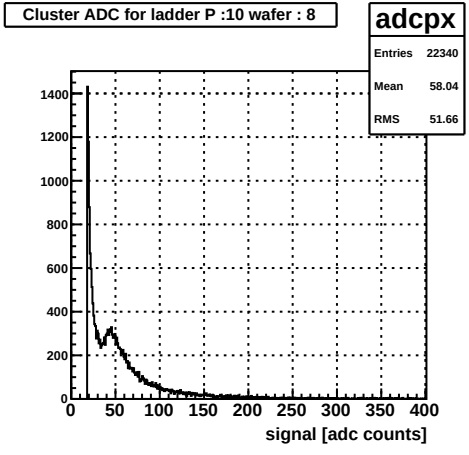

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 21311
Mean 53.67
RMS 52.2
signal [adc counts]

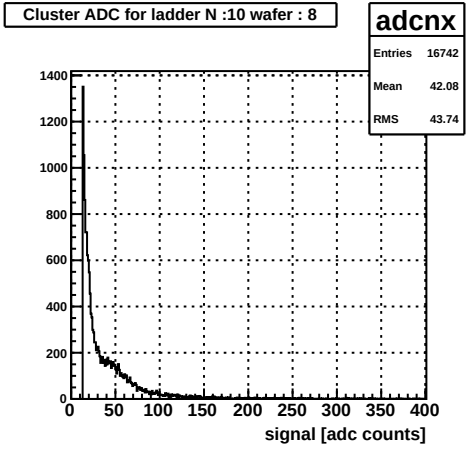

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 16884
Mean 55.86
RMS 54.22
signal [adc counts]

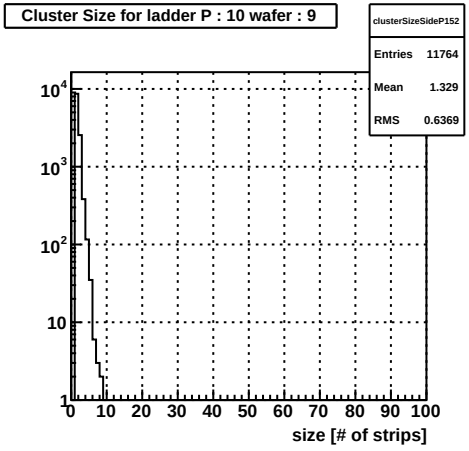

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 22340
Mean 1.257
RMS 0.5783
size [# of strips]

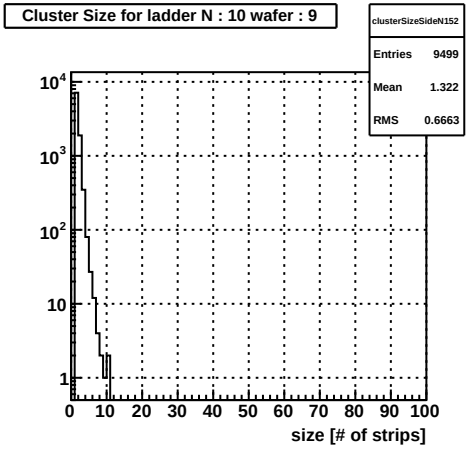

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 16742
Mean 1.345
RMS 0.7044
size [# of strips]

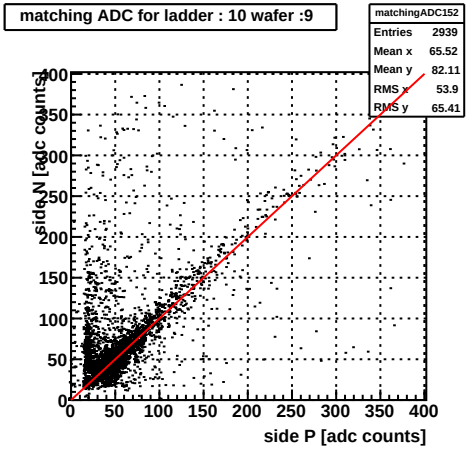

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 6484
Mean x 54.08
Mean y 63.81
RMS x 49.61
RMS y 54.64
side N [adc counts]
side P [adc counts]

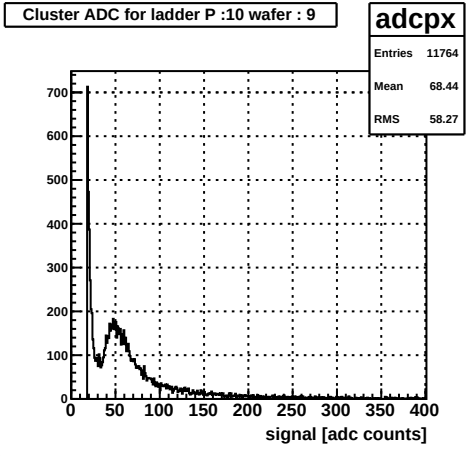

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 22340
Mean 58.04
RMS 51.66
signal [adc counts]

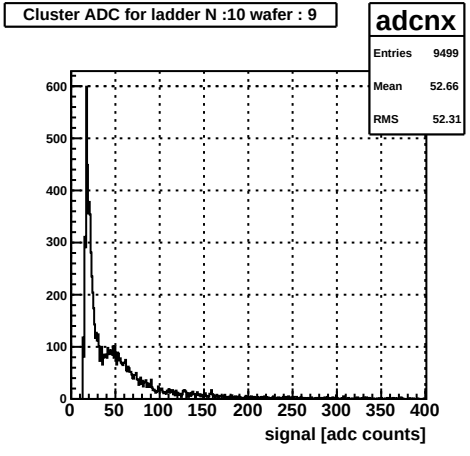

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 16742
Mean 42.08
RMS 43.74
signal [adc counts]

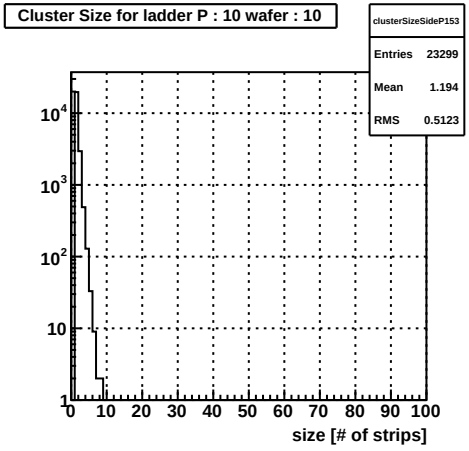

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 11764
Mean 1.329
RMS 0.6369
size [# of strips]

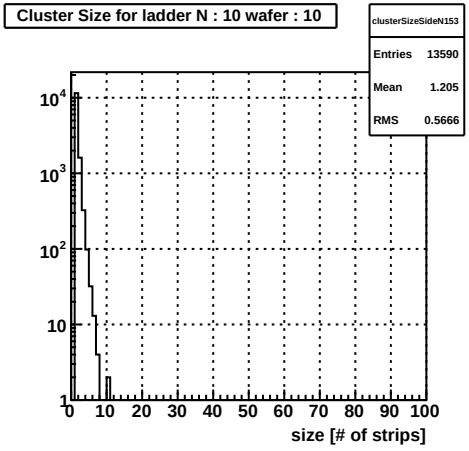

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 9499
Mean 1.322
RMS 0.6663
size [# of strips]

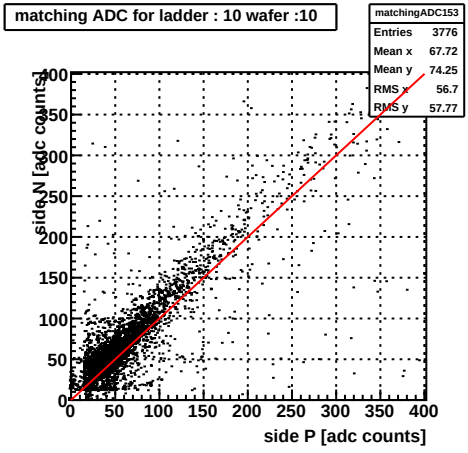

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 2939
Mean x 65.52
Mean y 82.11
RMS x 53.9
RMS y 65.41
side N [adc counts]
side P [adc counts]

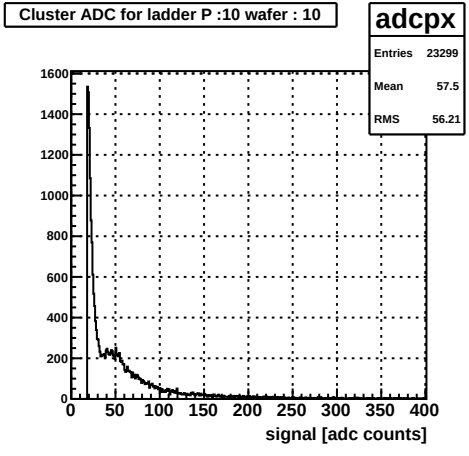

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 11764
Mean 68.44
RMS 58.27
signal [adc counts]

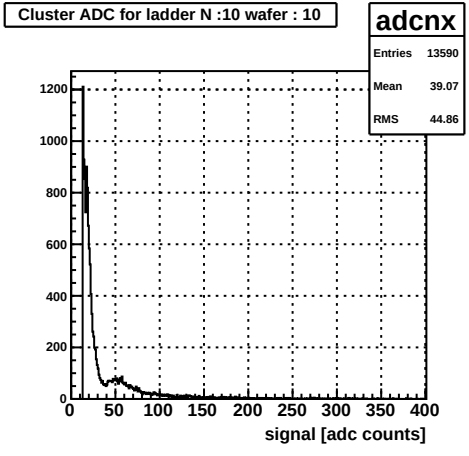

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 9499
Mean 52.66
RMS 52.31
signal [adc counts]

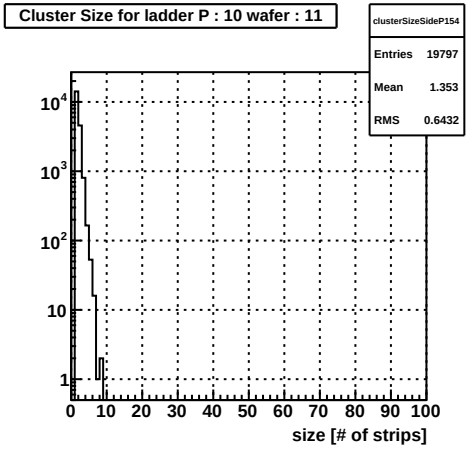

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 23299
Mean 1.194
RMS 0.5123
size [# of strips]

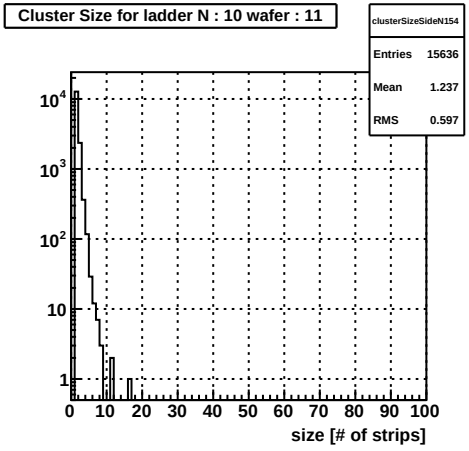

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 13590
Mean 1.205
RMS 0.5666
size [# of strips]

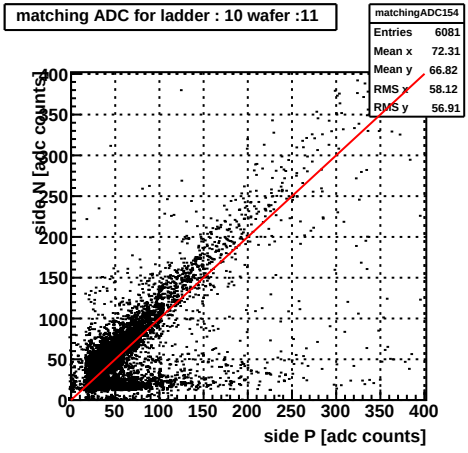

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 3776
Mean x 67.72
Mean y 74.25
RMS x 56.7
RMS y 57.77
side N [adc counts]
side P [adc counts]

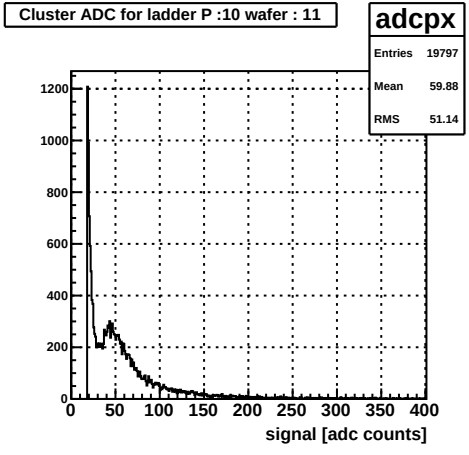

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 23299
Mean 57.5
RMS 56.21
signal [adc counts]

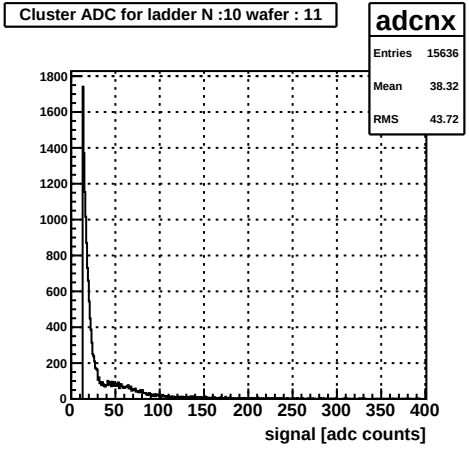

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 13590
Mean 39.07
RMS 44.86
signal [adc counts]

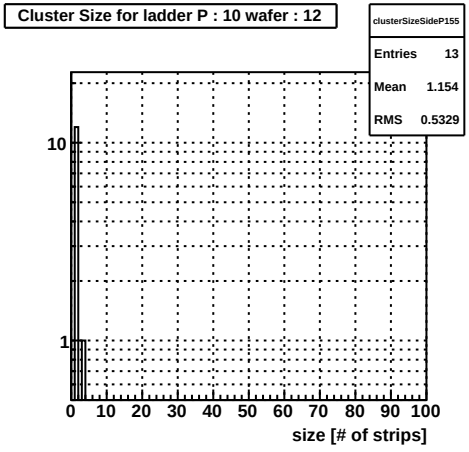

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 19797
Mean 1.353
RMS 0.6432
size [# of strips]

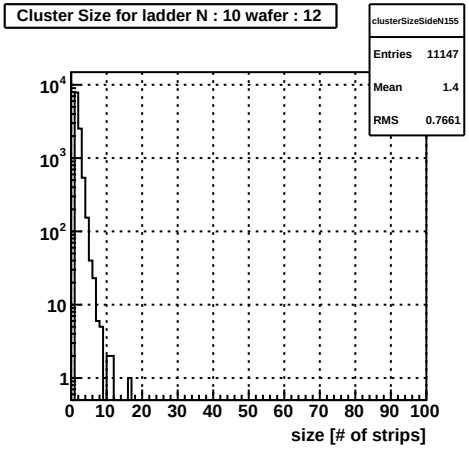

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 15636
Mean 1.237
RMS 0.597
size [# of strips]

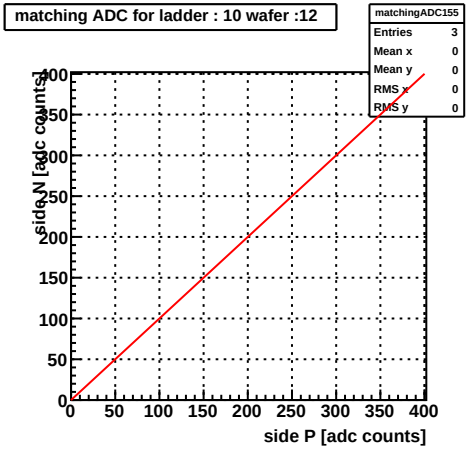

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6081
Mean x 72.31
Mean y 66.82
RMS x 58.12
RMS y 56.91
side N [adc counts]
side P [adc counts]

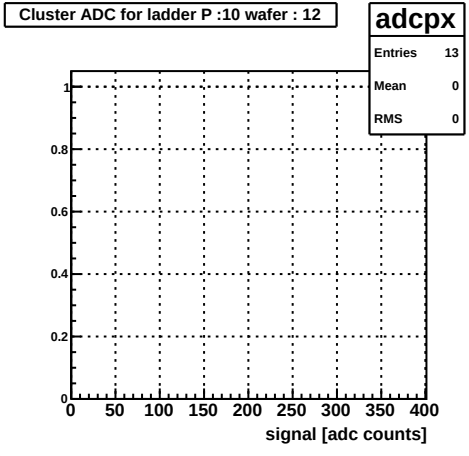

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 19797
Mean 59.88
RMS 51.14
signal [adc counts]

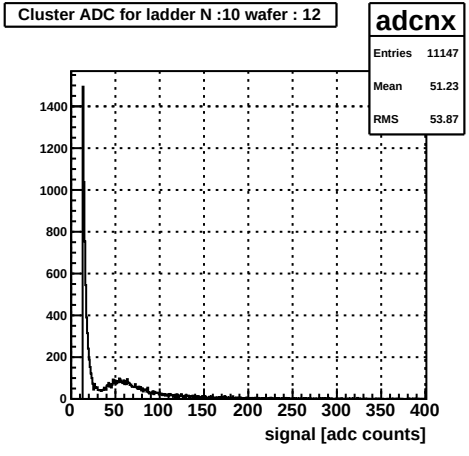

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 15636
Mean 38.32
RMS 43.72
signal [adc counts]

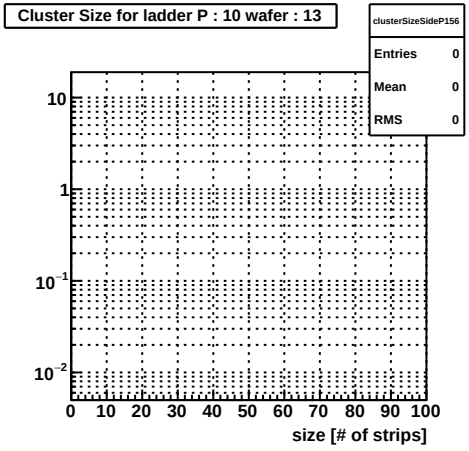

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 13
Mean 1.154
RMS 0.5329
size [# of strips]

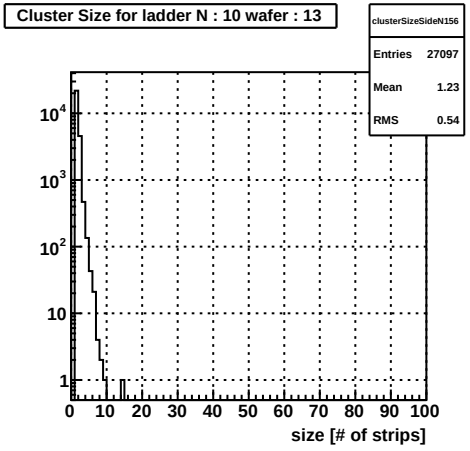

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11147
Mean 1.4
RMS 0.7661
size [# of strips]

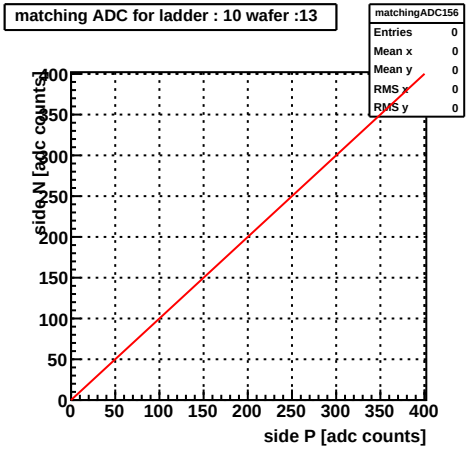

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

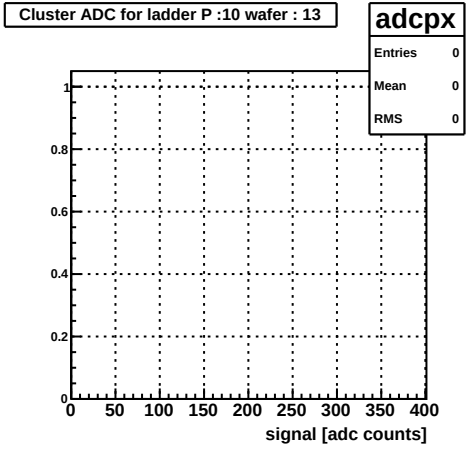

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

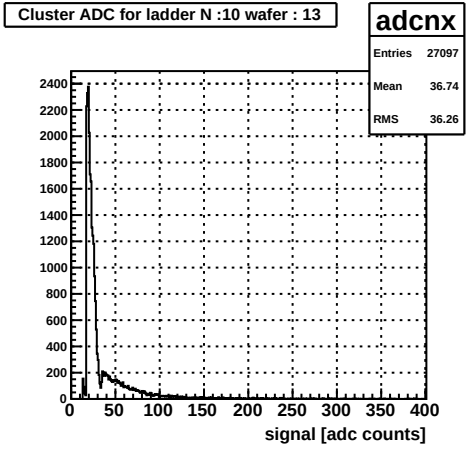

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11147
Mean 51.23
RMS 53.87
signal [adc counts]

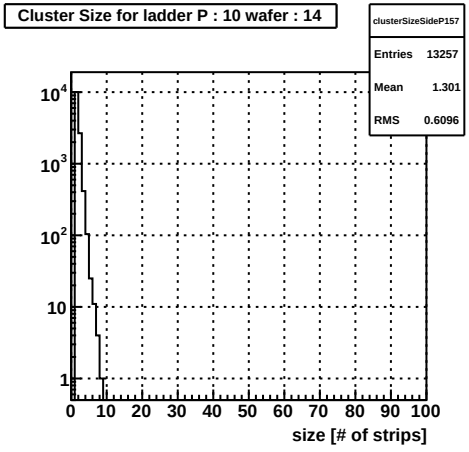

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

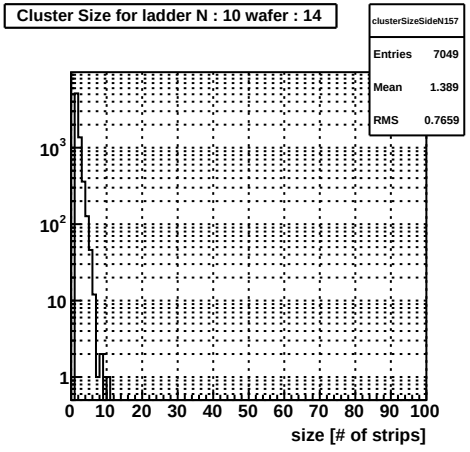

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 27097
Mean 1.23
RMS 0.54
size [# of strips]

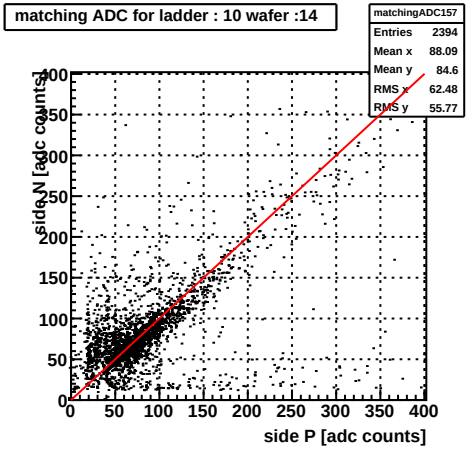

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

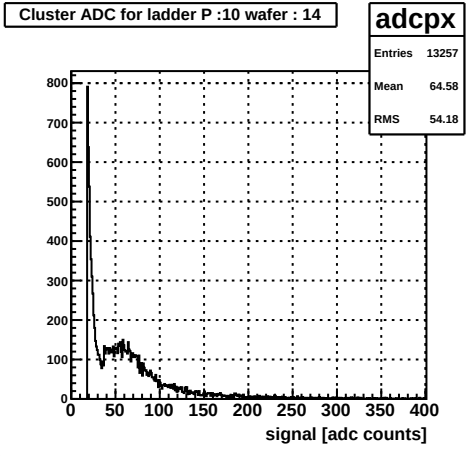

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

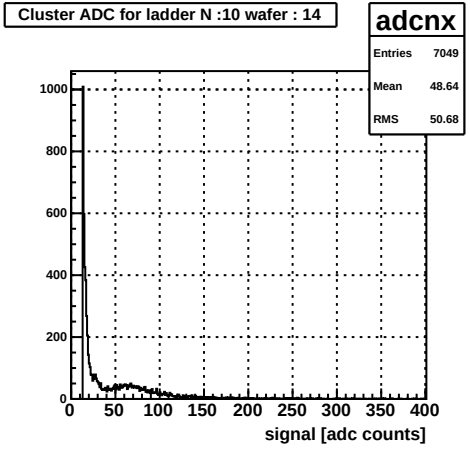

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 27097
Mean 36.74
RMS 36.26
signal [adc counts]

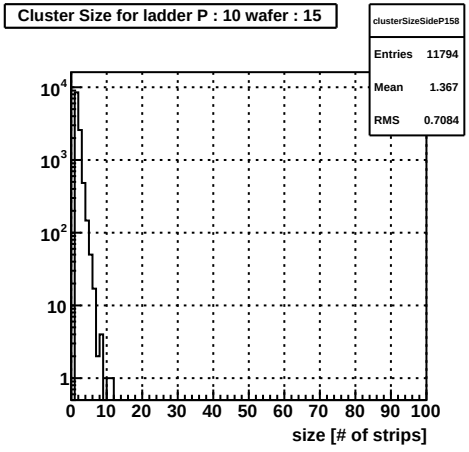

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 13257
Mean 1.301
RMS 0.6096
size [# of strips]

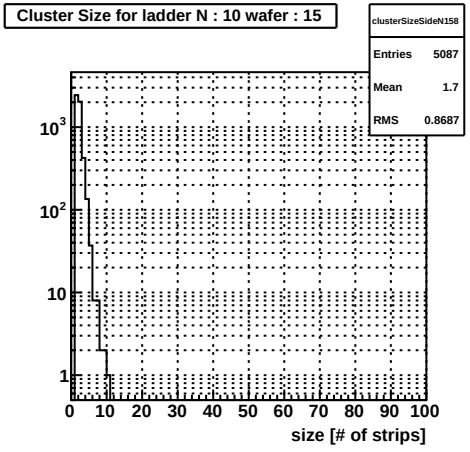

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 7049
Mean 1.389
RMS 0.7659
size [# of strips]

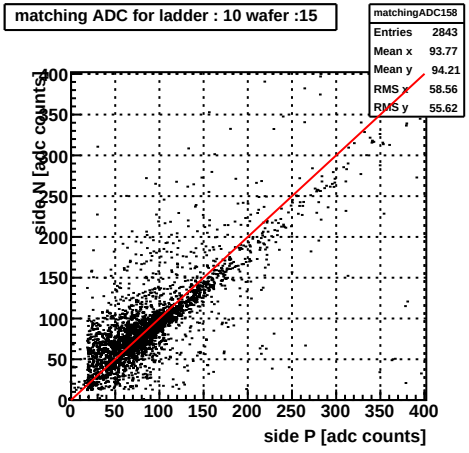

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2394
Mean x 88.09
Mean y 84.6
RMS x 62.48
RMS y 55.77
side N [adc counts]
side P [adc counts]

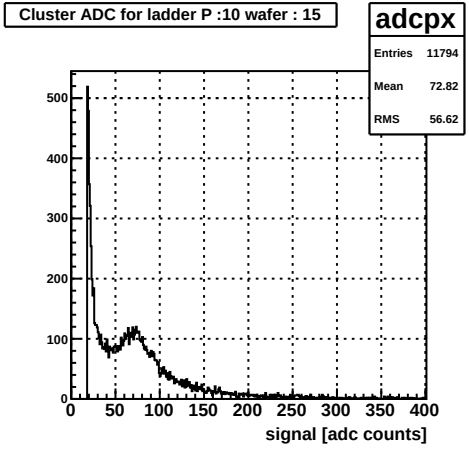

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 13257
Mean 64.58
RMS 54.18
signal [adc counts]

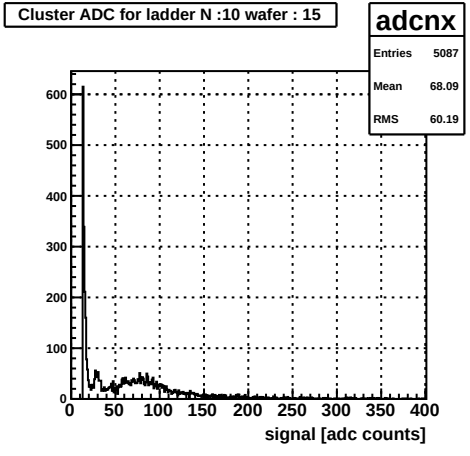

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 7049
Mean 48.64
RMS 50.68
signal [adc counts]

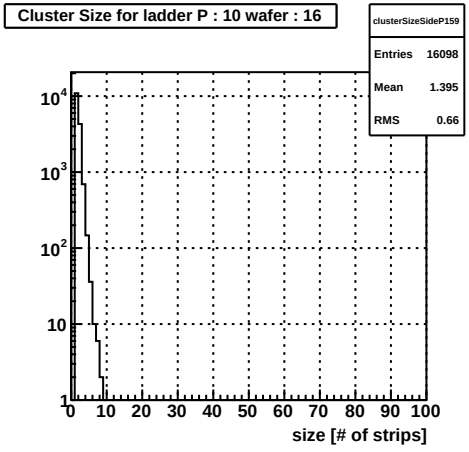

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 11794
Mean 1.367
RMS 0.7084
size [# of strips]

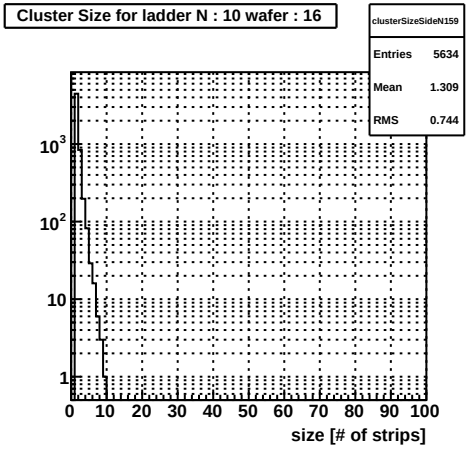

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 5087
Mean 1.7
RMS 0.8687
size [# of strips]

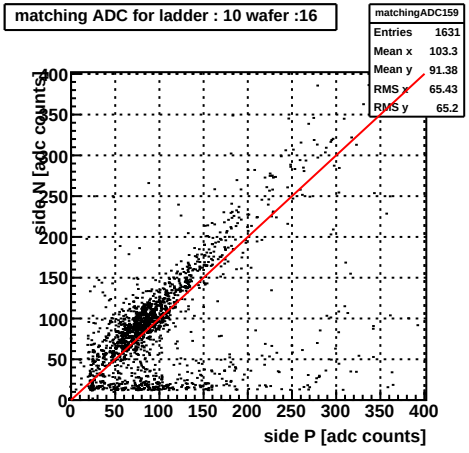

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 2843
Mean x 93.77
Mean y 94.21
RMS x 58.56
RMS y 55.62
side N [adc counts]
side P [adc counts]

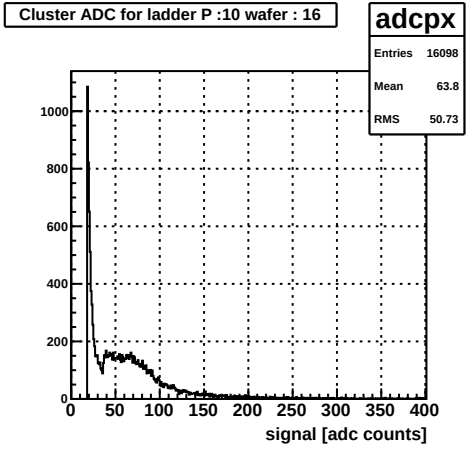

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 11794
Mean 72.82
RMS 56.62
signal [adc counts]

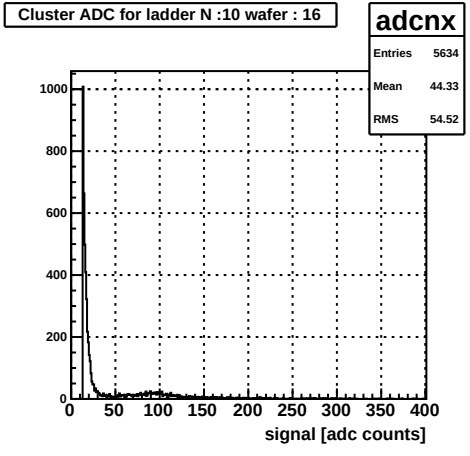

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 5087
Mean 68.09
RMS 60.19
signal [adc counts]

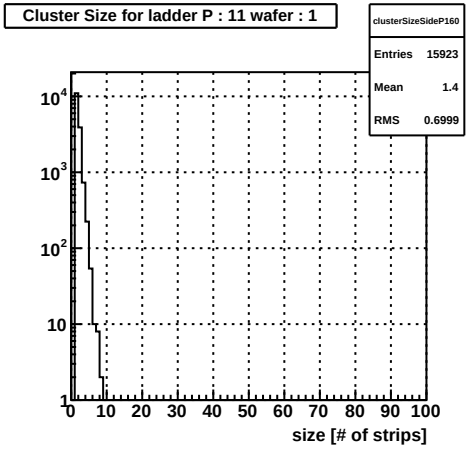

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 16098
Mean 1.395
RMS 0.66
size [# of strips]

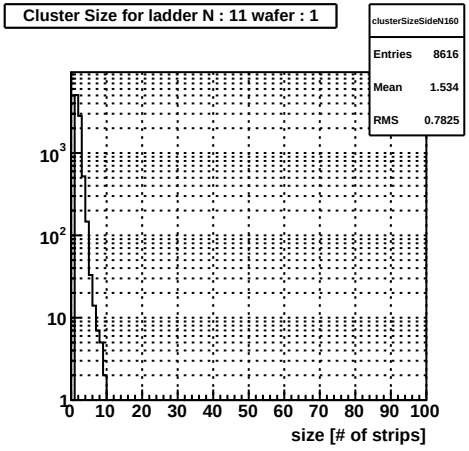

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 5634
Mean 1.309
RMS 0.744
size [# of strips]

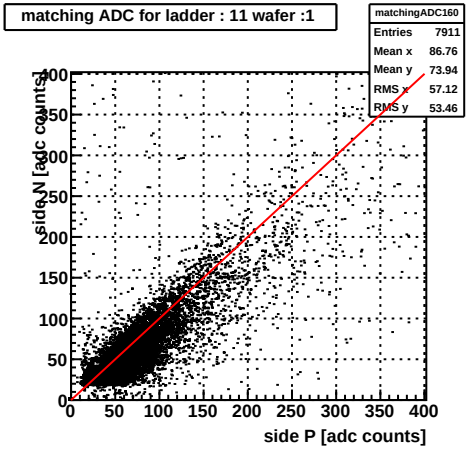

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1631
Mean x 103.3
Mean y 91.38
RMS x 65.43
RMS y 65.2
side N [adc counts]
side P [adc counts]

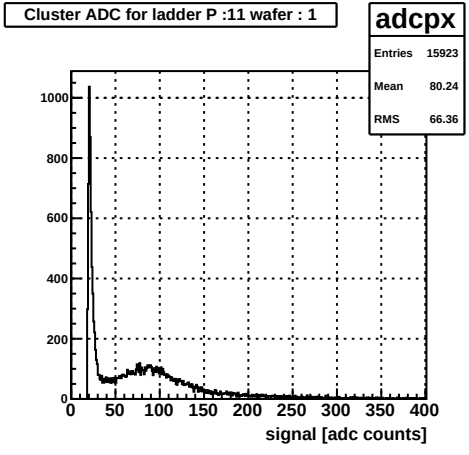

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 16098
Mean 63.8
RMS 50.73
signal [adc counts]

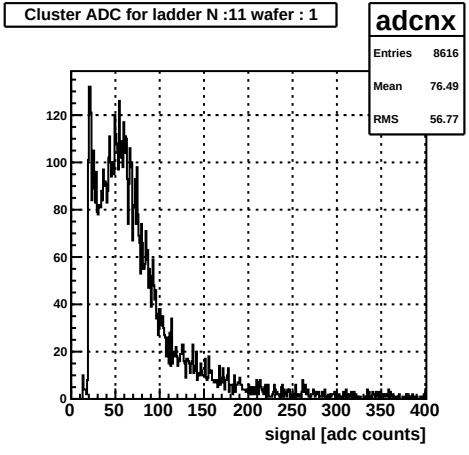

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 5634
Mean 44.33
RMS 54.52
signal [adc counts]

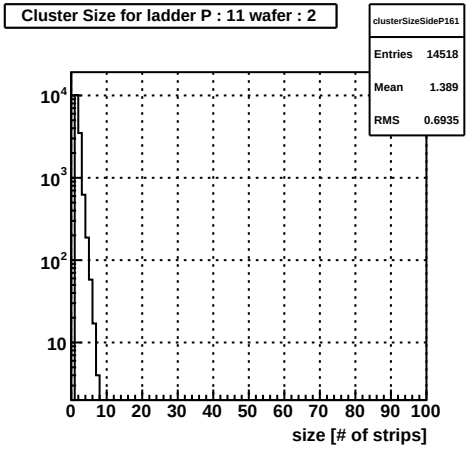

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 15923
Mean 1.4
RMS 0.6999
size [# of strips]

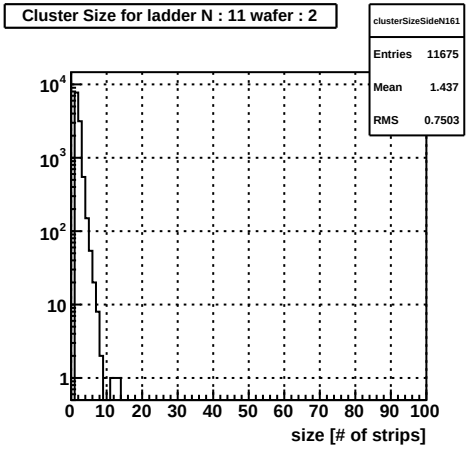

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 8616
Mean 1.534
RMS 0.7825
size [# of strips]

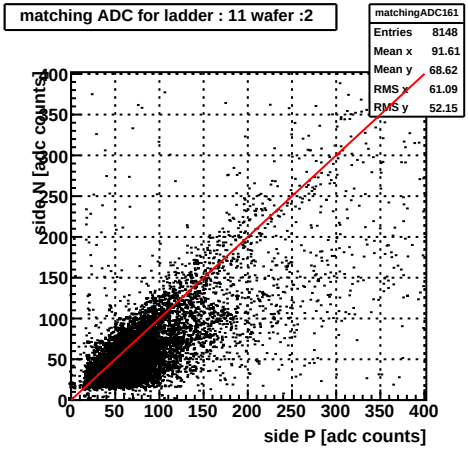

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 7911
Mean x 86.76
Mean y 73.94
RMS x 57.12
RMS y 53.46
side N [adc counts]
side P [adc counts]

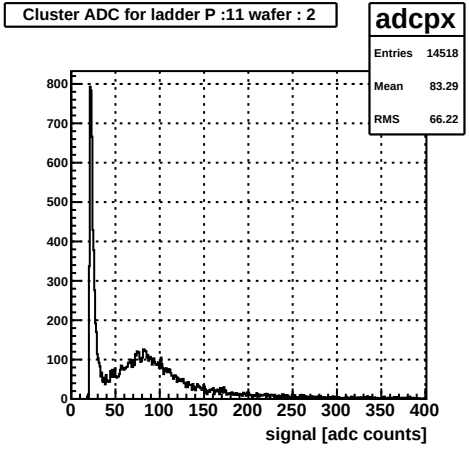

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 15923
Mean 80.24
RMS 66.36
signal [adc counts]

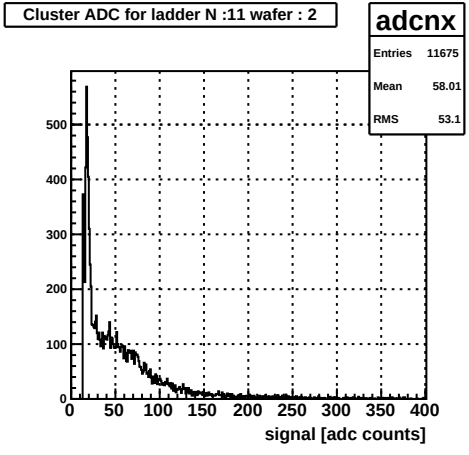

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 8616
Mean 76.49
RMS 56.77
signal [adc counts]

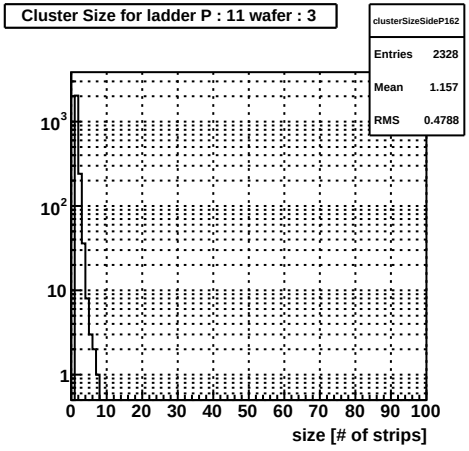

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 14518
Mean 1.389
RMS 0.6935
size [# of strips]

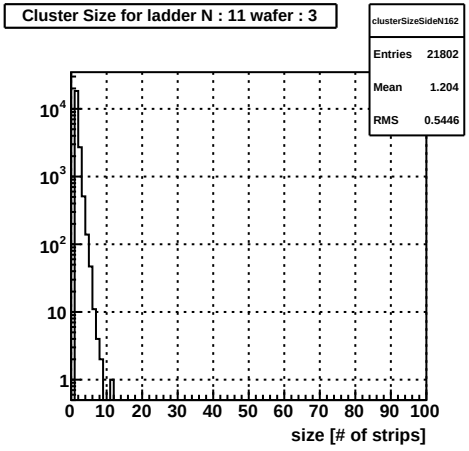

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 11675
Mean 1.437
RMS 0.7503
size [# of strips]

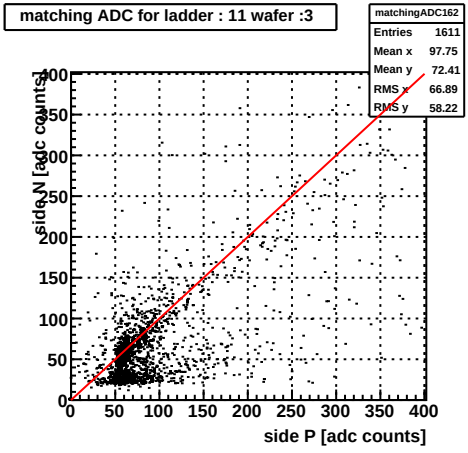

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 8148
Mean x 91.61
Mean y 68.62
RMS x 61.09
RMS y 52.15
side N [adc counts]
side P [adc counts]

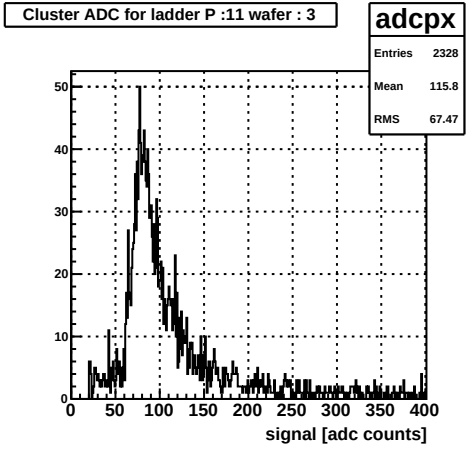

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 14518
Mean 83.29
RMS 66.22
signal [adc counts]

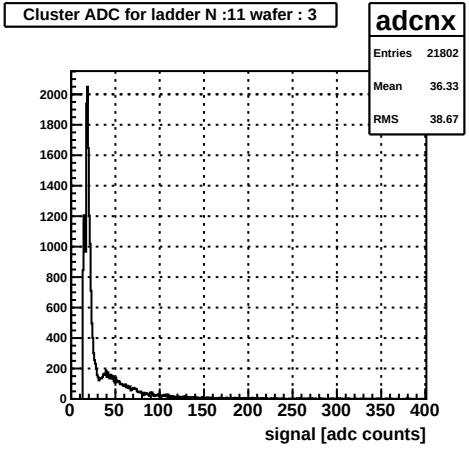

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 11675
Mean 58.01
RMS 53.1
signal [adc counts]

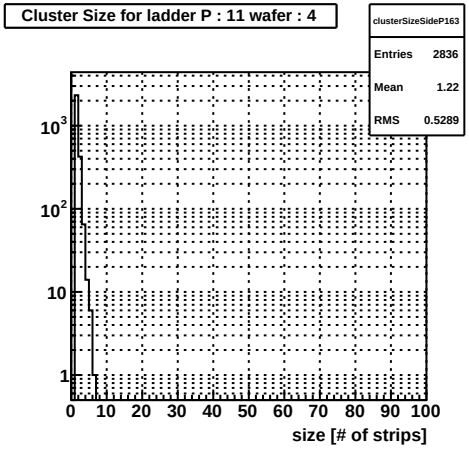

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2328
Mean 1.157
RMS 0.4788
size [# of strips]

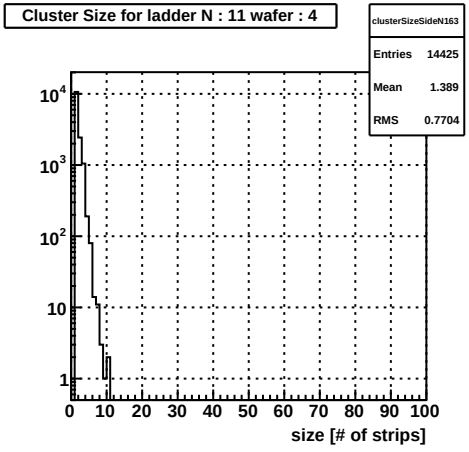

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 21802
Mean 1.204
RMS 0.5446
size [# of strips]

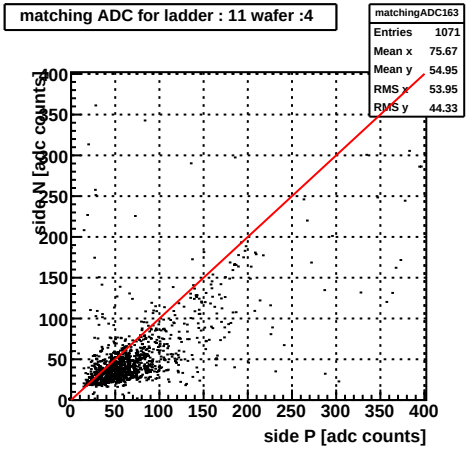

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1611
Mean x 97.75
Mean y 72.41
RMS x 66.89
RMS y 58.22
side N [adc counts]
side P [adc counts]

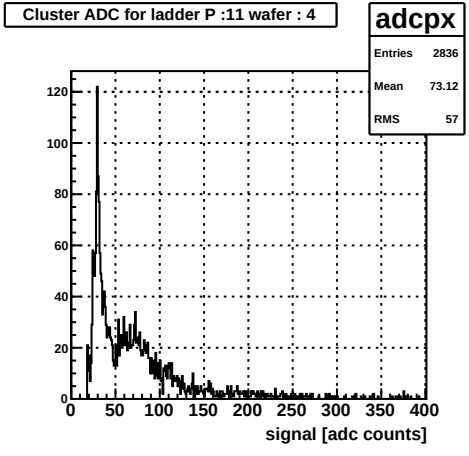

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2328
Mean 115.8
RMS 67.47
signal [adc counts]

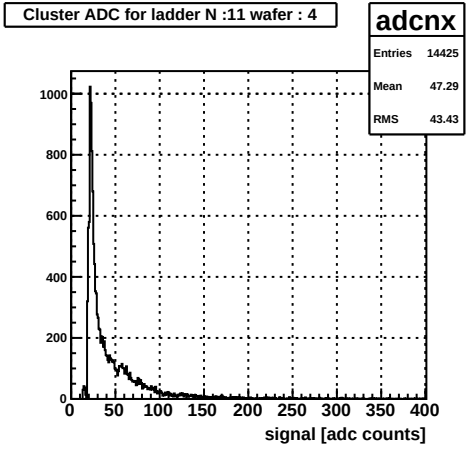

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 21802
Mean 36.33
RMS 38.67
signal [adc counts]

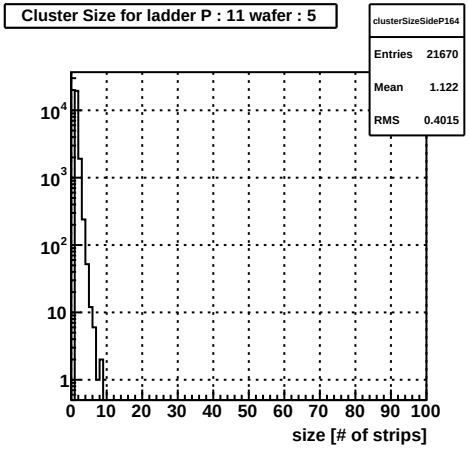

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2836
Mean 1.22
RMS 0.5289
size [# of strips]

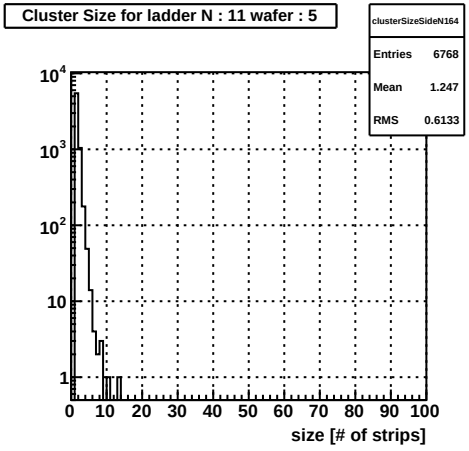

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 14425
Mean 1.389
RMS 0.7704
size [# of strips]

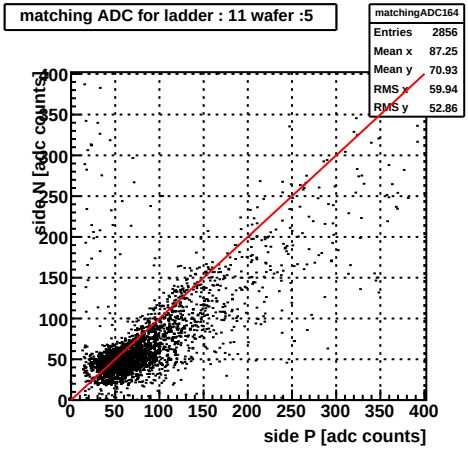

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1071
Mean x 75.67
Mean y 54.95
RMS x 53.95
RMS y 44.33
side N [adc counts]
side P [adc counts]

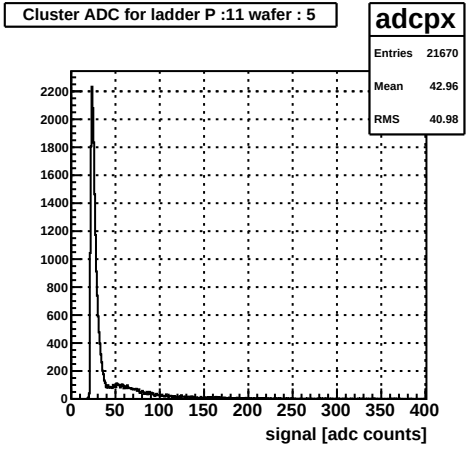

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2836
Mean 73.12
RMS 57
signal [adc counts]

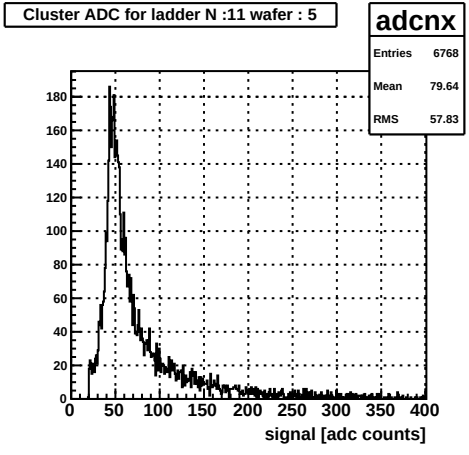

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 14425
Mean 47.29
RMS 43.43
signal [adc counts]

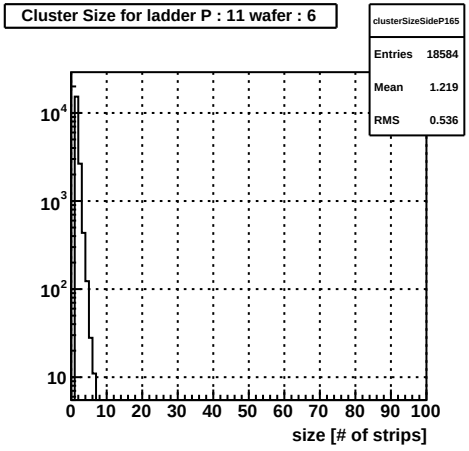

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 21670
Mean 1.122
RMS 0.4015
size [# of strips]

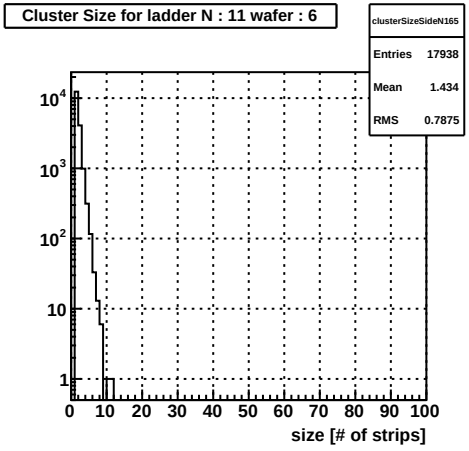

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 6768
Mean 1.247
RMS 0.6133
size [# of strips]

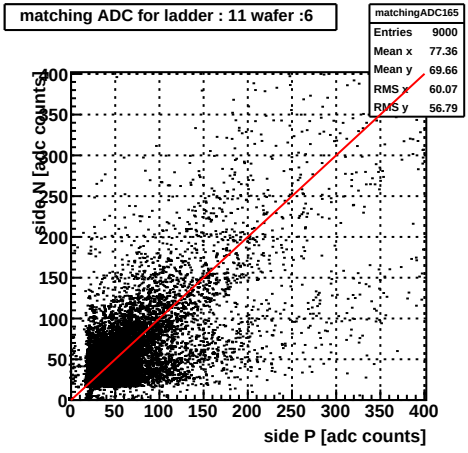

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2856
Mean x 87.25
Mean y 70.93
RMS x 59.94
RMS y 52.86
side N [adc counts]
side P [adc counts]

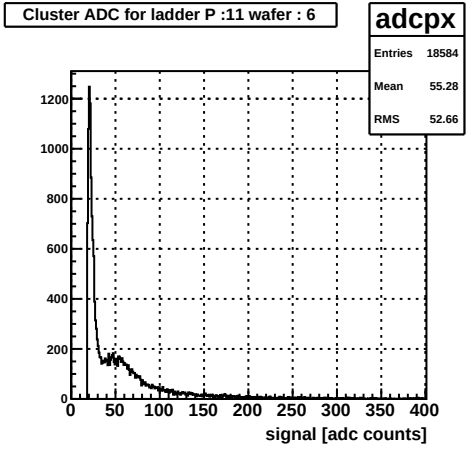

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 21670
Mean 42.96
RMS 40.98
signal [adc counts]

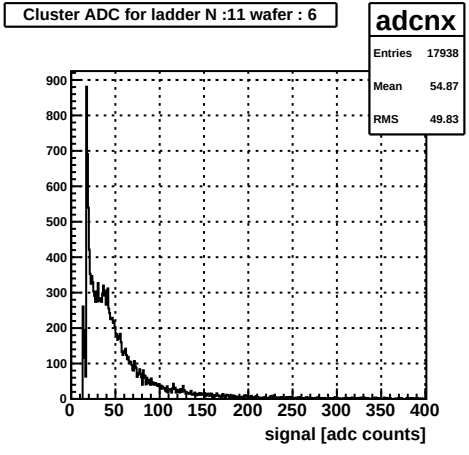

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 6768
Mean 79.64
RMS 57.83
signal [adc counts]

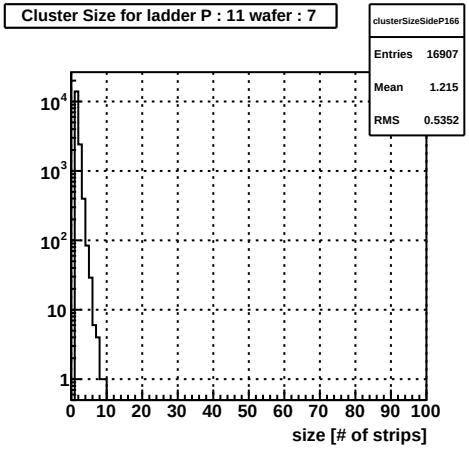

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 18584
Mean 1.219
RMS 0.536
size [# of strips]

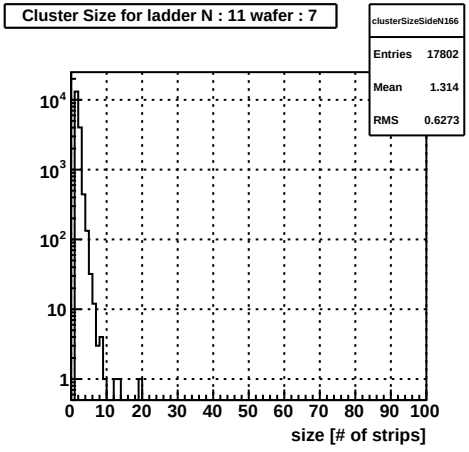

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 17938
Mean 1.434
RMS 0.7875
size [# of strips]

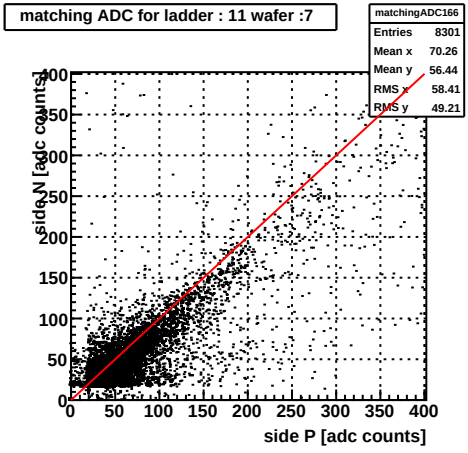

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 9000
Mean x 77.36
Mean y 69.66
RMS x 60.07
RMS y 56.79
side N [adc counts]
side P [adc counts]

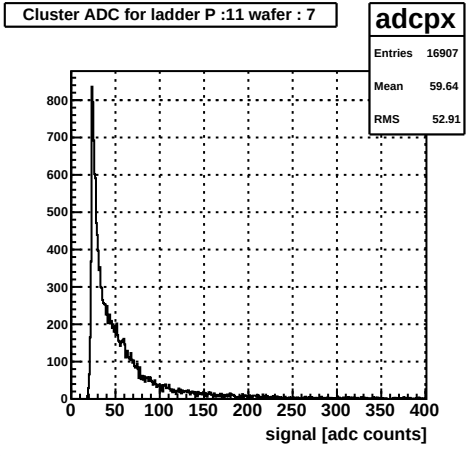

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 18584
Mean 55.28
RMS 52.66
signal [adc counts]

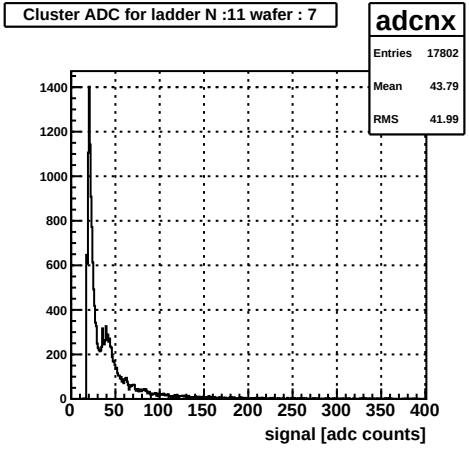

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 17938
Mean 54.87
RMS 49.83
signal [adc counts]

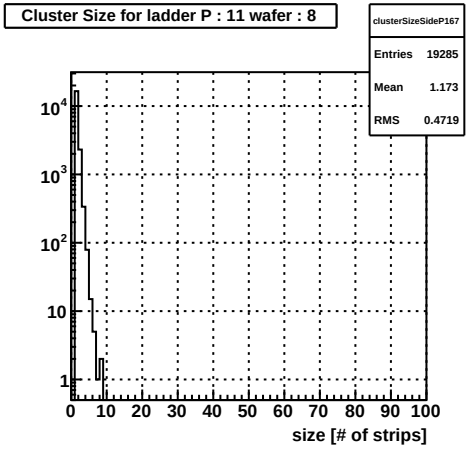

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 16907
Mean 1.215
RMS 0.5352
size [# of strips]

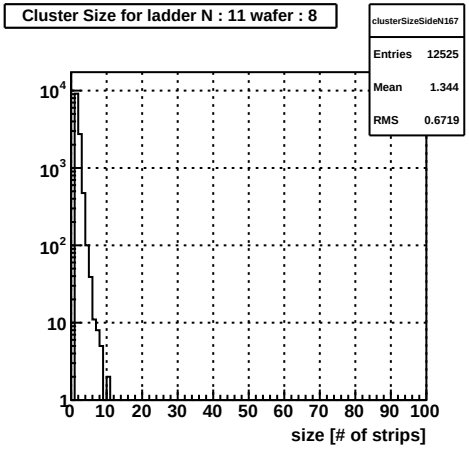

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 17802
Mean 1.314
RMS 0.6273
size [# of strips]

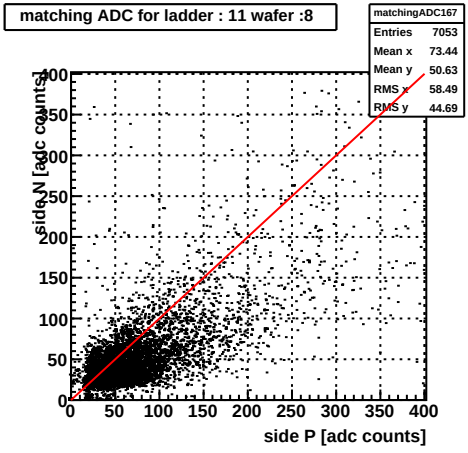

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 8301
Mean x 70.26
Mean y 56.44
RMS x 58.41
RMS y 49.21
side N [adc counts]
side P [adc counts]

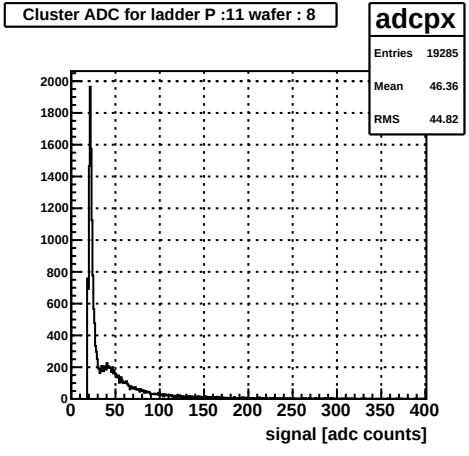

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 16907
Mean 59.64
RMS 52.91
signal [adc counts]

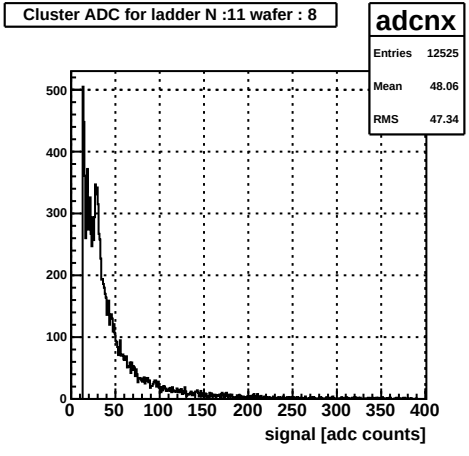

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 17802
Mean 43.79
RMS 41.99
signal [adc counts]

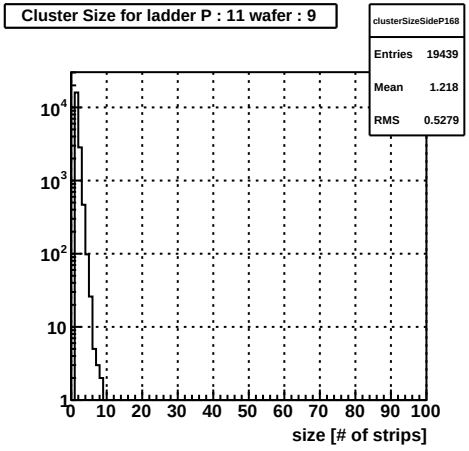

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 19285
Mean 1.173
RMS 0.4719
size [# of strips]

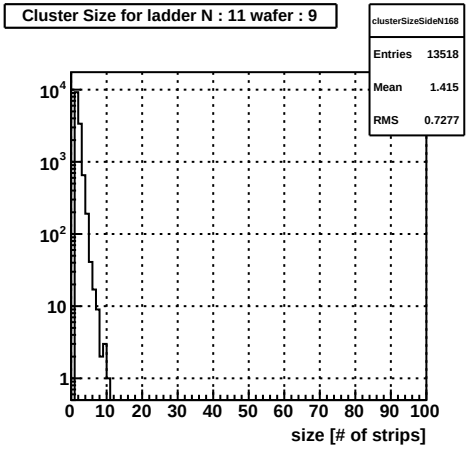

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 12525
Mean 1.344
RMS 0.6719
size [# of strips]

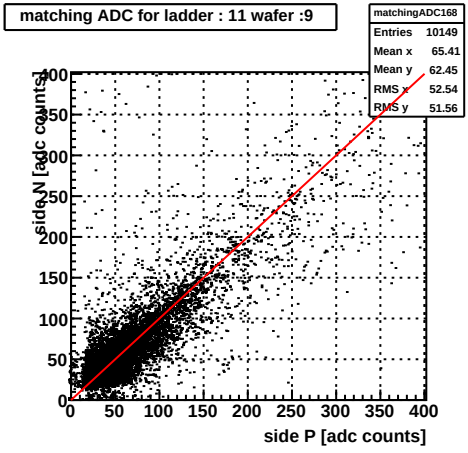

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 7053
Mean x 73.44
Mean y 50.63
RMS x 58.49
RMS y 44.69
side N [adc counts]
side P [adc counts]

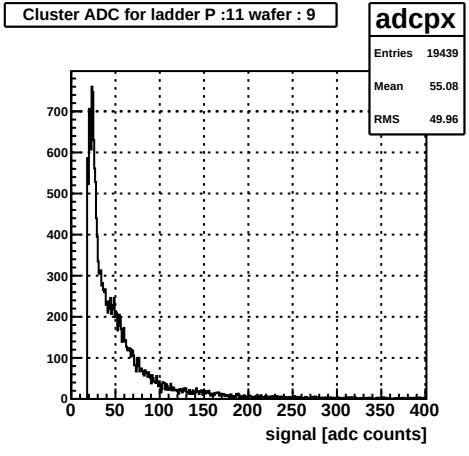

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 19285
Mean 46.36
RMS 44.82
signal [adc counts]

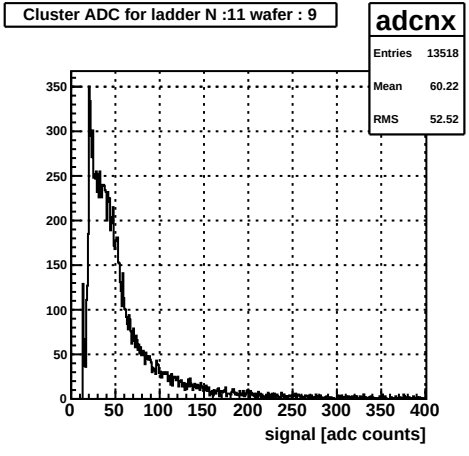

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 12525
Mean 48.06
RMS 47.34
signal [adc counts]

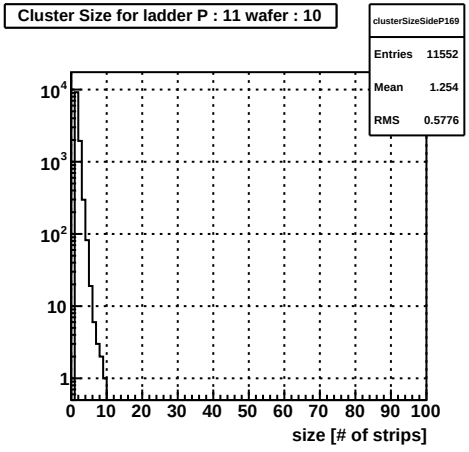

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 19439
Mean 1.218
RMS 0.5279
size [# of strips]

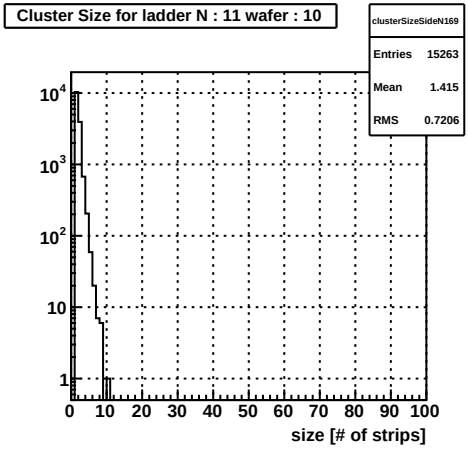

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 13518
Mean 1.415
RMS 0.7277
size [# of strips]

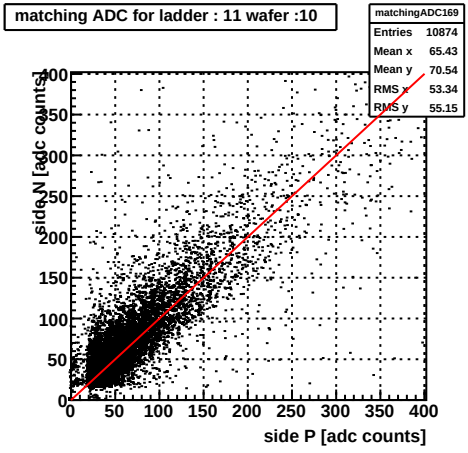

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 10149
Mean x 65.41
Mean y 62.45
RMS x 52.54
RMS y 51.56
side N [adc counts]
side P [adc counts]

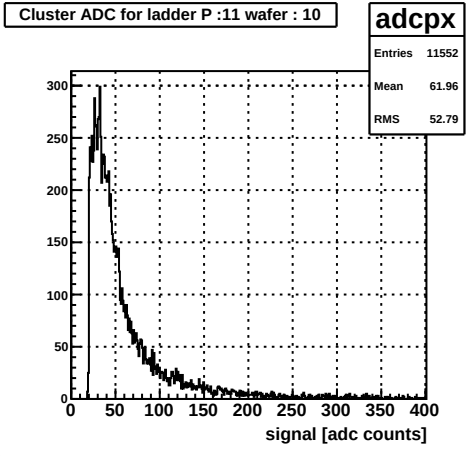

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 19439
Mean 55.08
RMS 49.96
signal [adc counts]

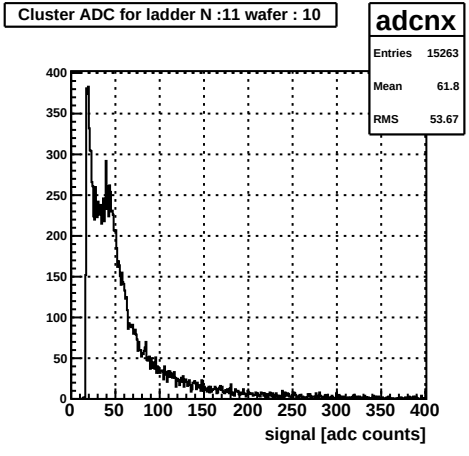

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 13518
Mean 60.22
RMS 52.52
signal [adc counts]

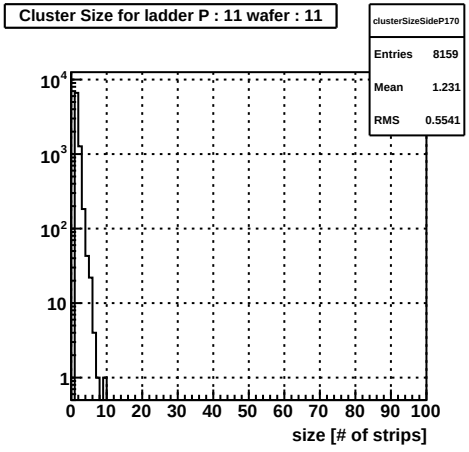

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 11552
Mean 1.254
RMS 0.5776
size [# of strips]

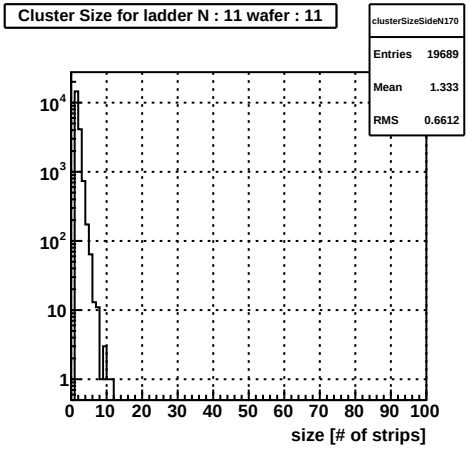

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 15263
Mean 1.415
RMS 0.7206
size [# of strips]

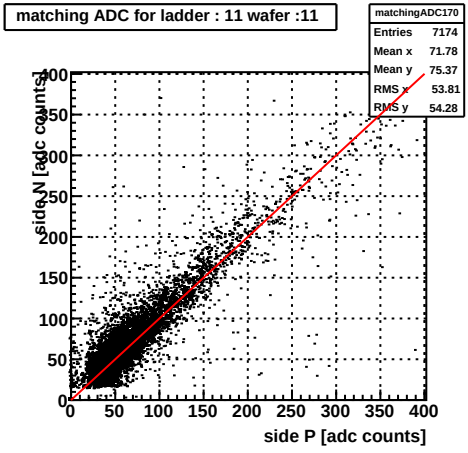

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 10874
Mean x 65.43
Mean y 70.54
RMS x 53.34
RMS y 55.15
side N [adc counts]
side P [adc counts]

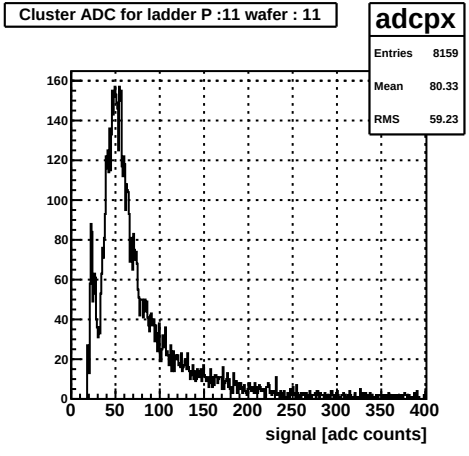

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 11552
Mean 61.96
RMS 52.79
signal [adc counts]

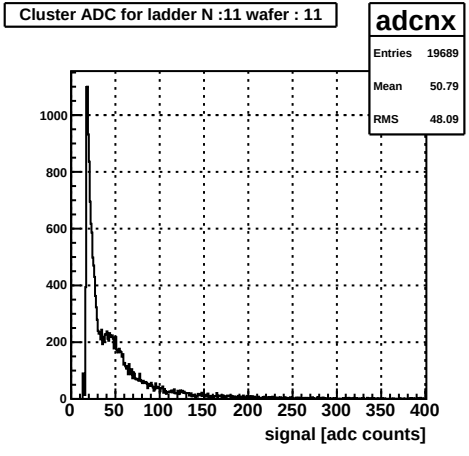

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 15263
Mean 61.8
RMS 53.67
signal [adc counts]

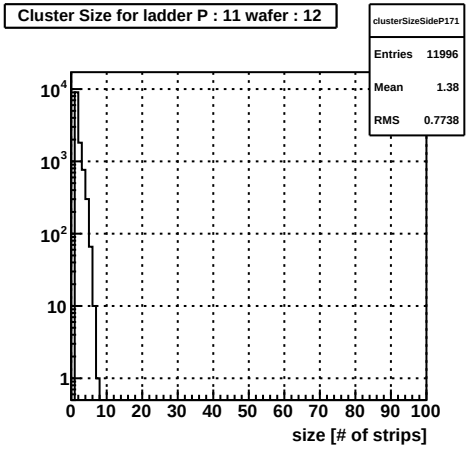

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 8159
Mean 1.231
RMS 0.5541
size [# of strips]

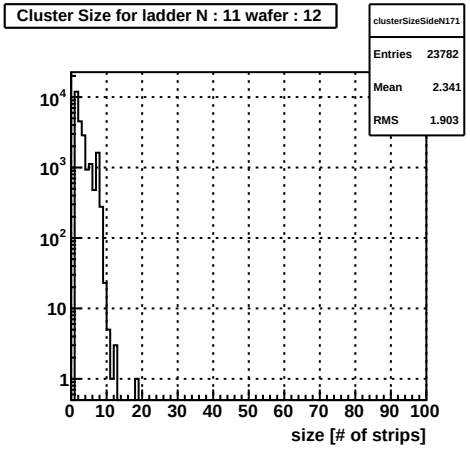

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 19689
Mean 1.333
RMS 0.6612
size [# of strips]

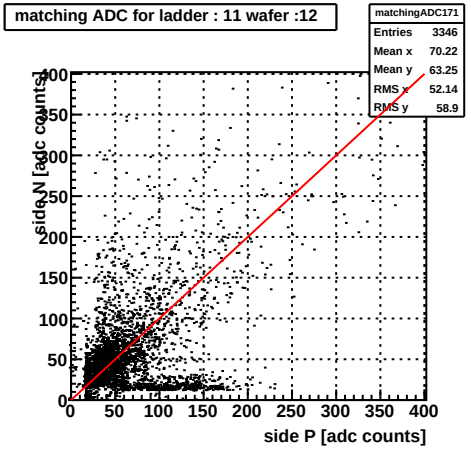

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7174
Mean x 71.78
Mean y 75.37
RMS x 53.81
RMS y 54.28
side N [adc counts]
side P [adc counts]

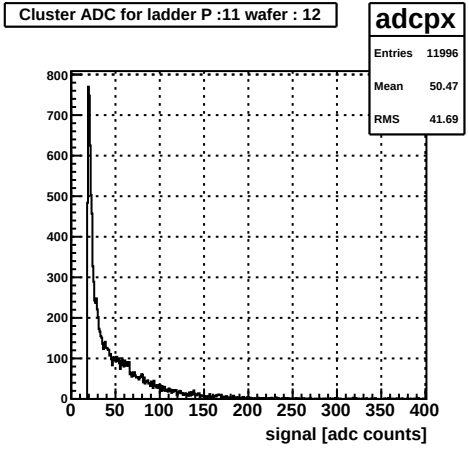

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 8159
Mean 80.33
RMS 59.23
signal [adc counts]

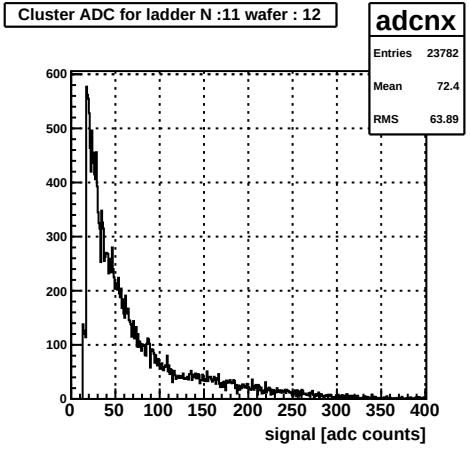

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 19689
Mean 50.79
RMS 48.09
signal [adc counts]

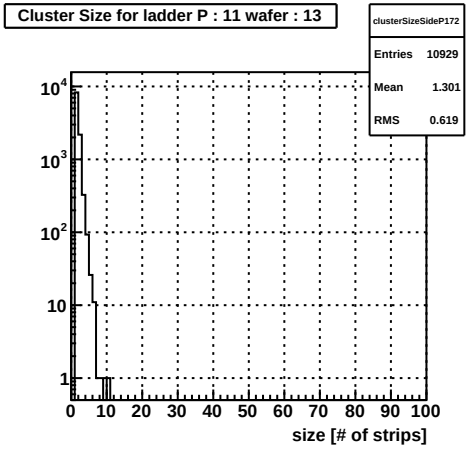

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11996
Mean 1.38
RMS 0.7738
size [# of strips]

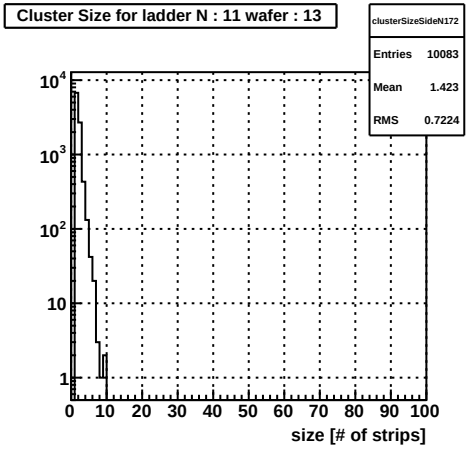

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 23782
Mean 2.341
RMS 1.903
size [# of strips]

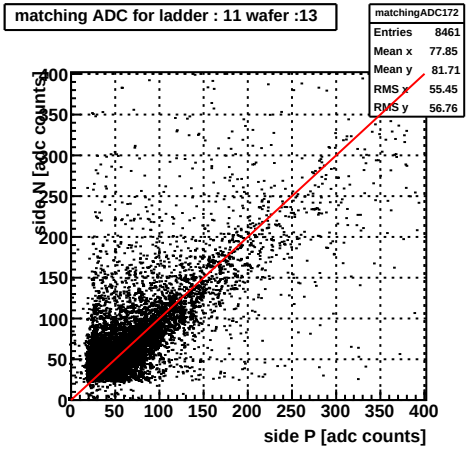

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3346
Mean x 70.22
Mean y 63.25
RMS x 52.14
RMS y 58.9
side N [adc counts]
side P [adc counts]

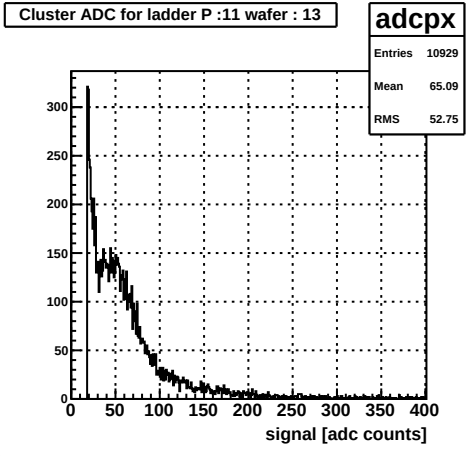

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11996
Mean 50.47
RMS 41.69
signal [adc counts]

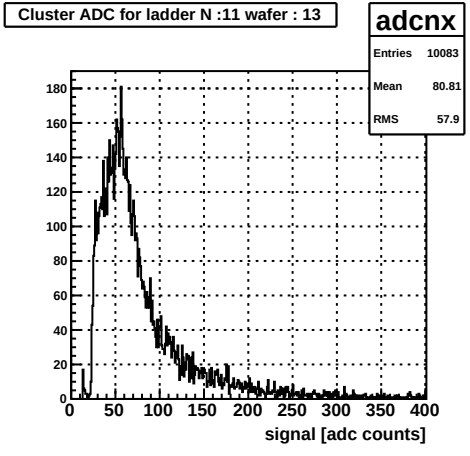

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 23782
Mean 72.4
RMS 63.89
signal [adc counts]

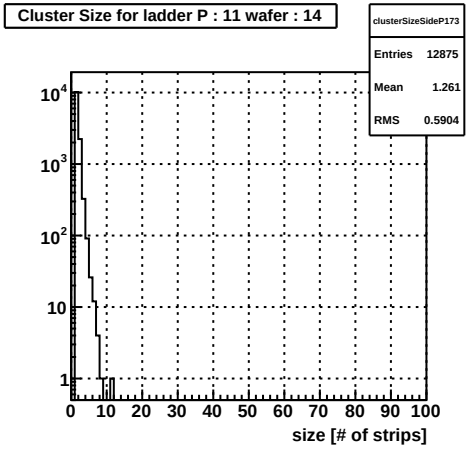

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 10929
Mean 1.301
RMS 0.619
size [# of strips]

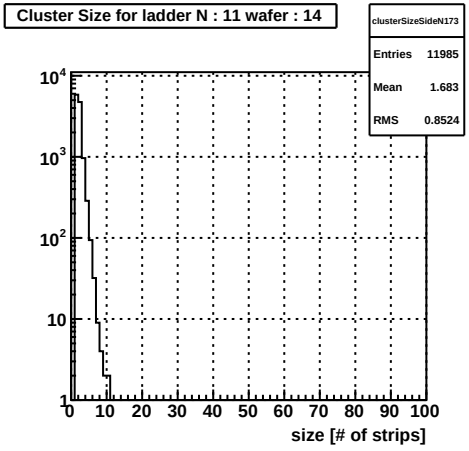

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10083
Mean 1.423
RMS 0.7224
size [# of strips]

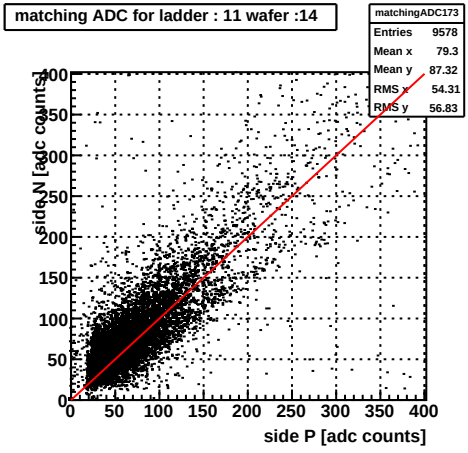

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8461
Mean x 77.85
Mean y 81.71
RMS x 55.45
RMS y 56.76
side N [adc counts]
side P [adc counts]

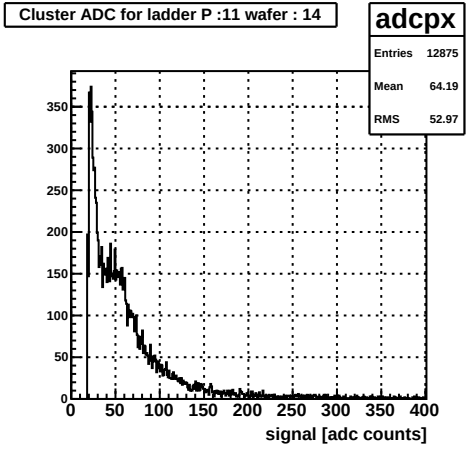

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 10929
Mean 65.09
RMS 52.75
signal [adc counts]

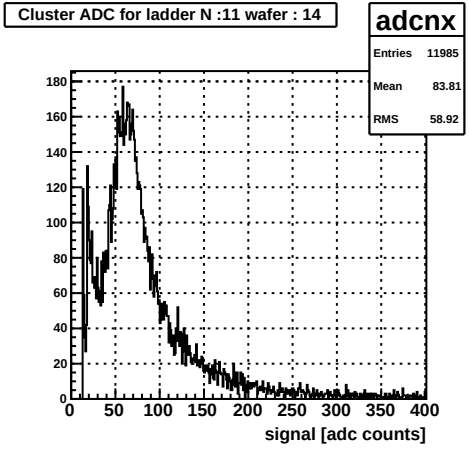

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10083
Mean 80.81
RMS 57.9
signal [adc counts]

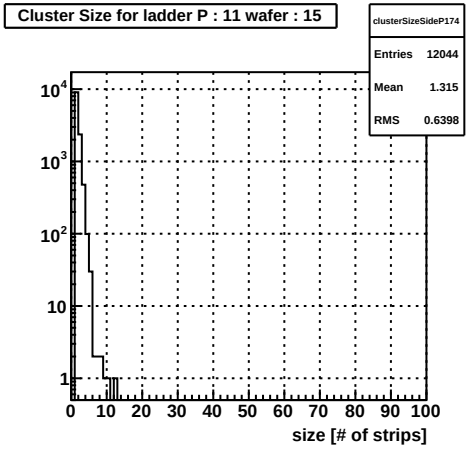

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 12875
Mean 1.261
RMS 0.5904
size [# of strips]

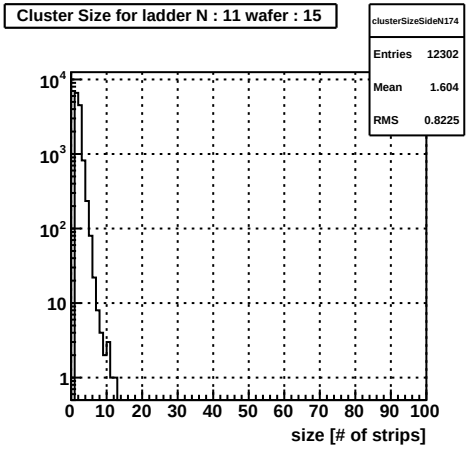

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 11985
Mean 1.683
RMS 0.8524
size [# of strips]

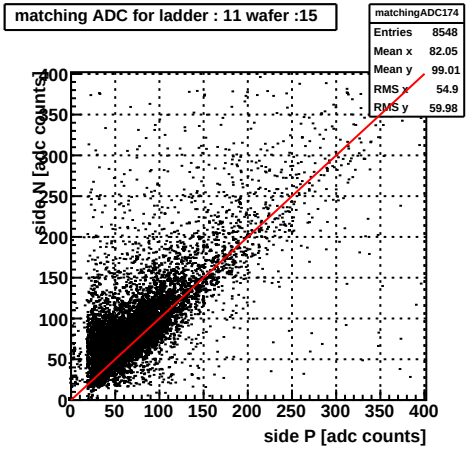

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 9578
Mean x 79.3
Mean y 87.32
RMS x 54.31
RMS y 56.83
side N [adc counts]
side P [adc counts]

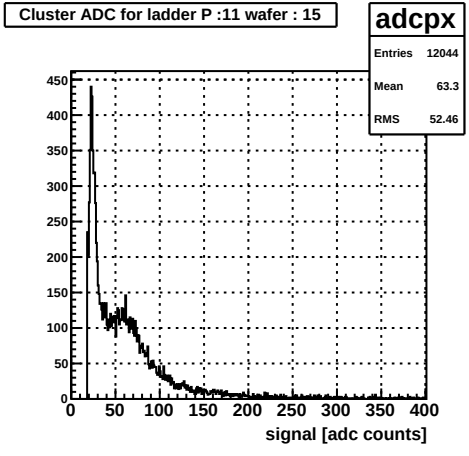

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 12875
Mean 64.19
RMS 52.97
signal [adc counts]

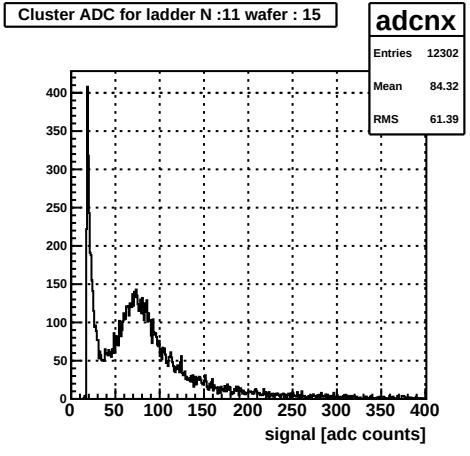

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 11985
Mean 83.81
RMS 58.92
signal [adc counts]

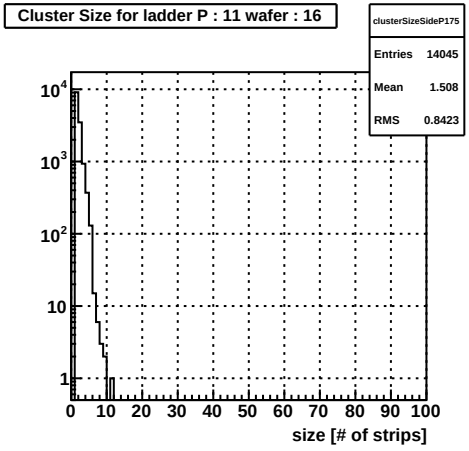

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 12044
Mean 1.315
RMS 0.6398
size [# of strips]

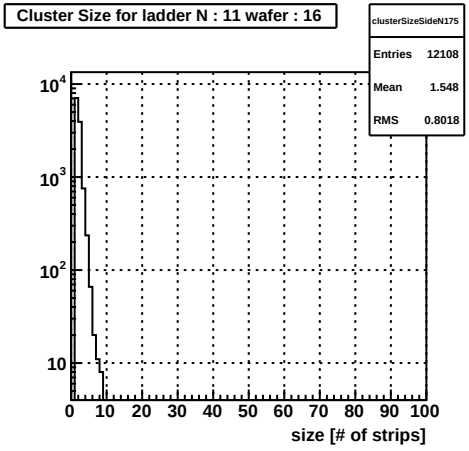

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 12302
Mean 1.604
RMS 0.8225
size [# of strips]

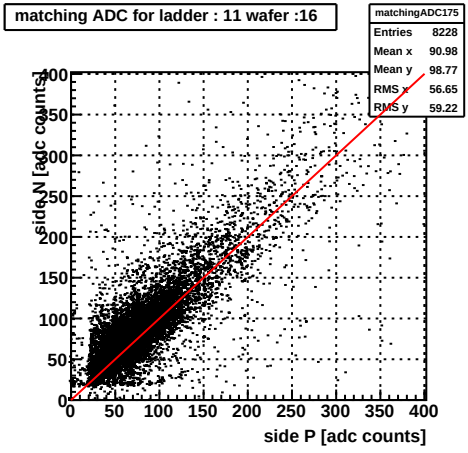

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 8548
Mean x 82.05
Mean y 99.01
RMS x 54.9
RMS y 59.98
side N [adc counts]
side P [adc counts]

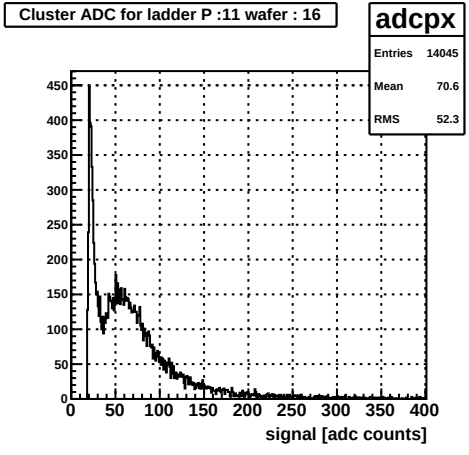

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 12044
Mean 63.3
RMS 52.46
signal [adc counts]

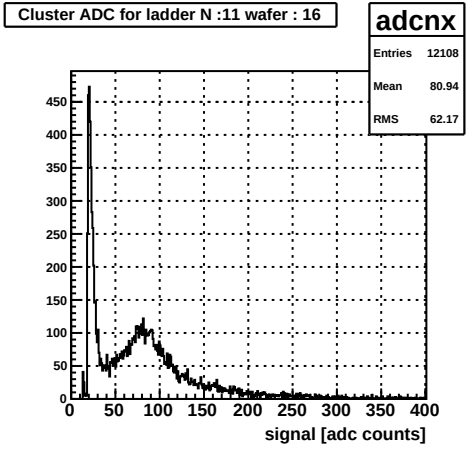

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 12302
Mean 84.32
RMS 61.39
signal [adc counts]

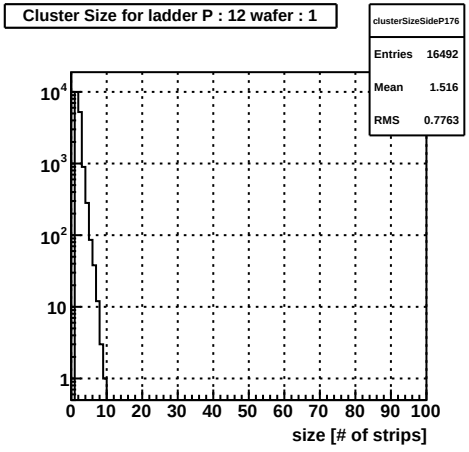

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14045
Mean 1.508
RMS 0.8423
size [# of strips]

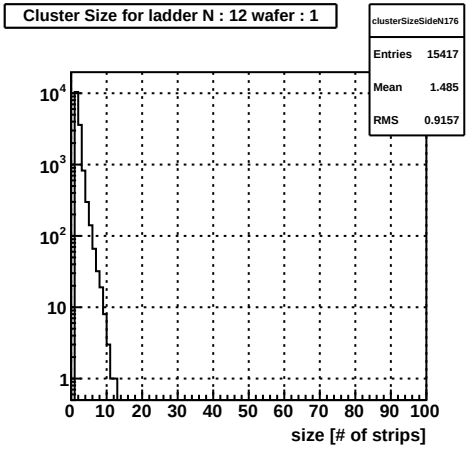

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 12108
Mean 1.548
RMS 0.8018
size [# of strips]

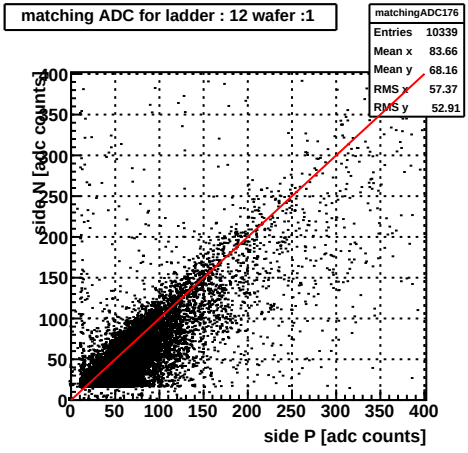

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 8228
Mean x 90.98
Mean y 98.77
RMS x 56.65
RMS y 59.22
side N [adc counts]
side P [adc counts]

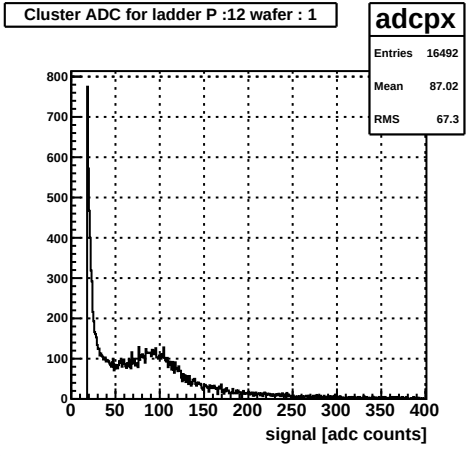

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14045
Mean 70.6
RMS 52.3
signal [adc counts]

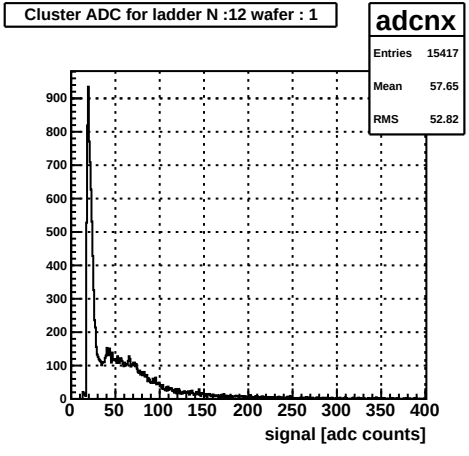

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 12108
Mean 80.94
RMS 62.17
signal [adc counts]

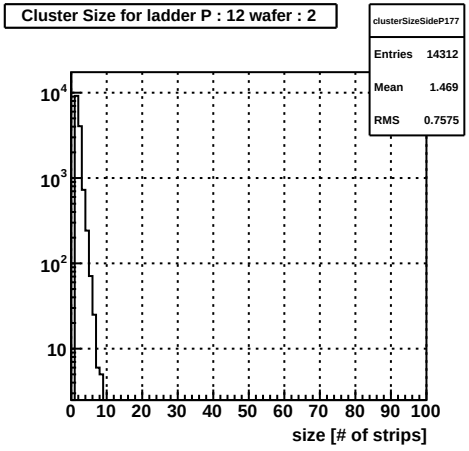

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 16492
Mean 1.516
RMS 0.7763
size [# of strips]

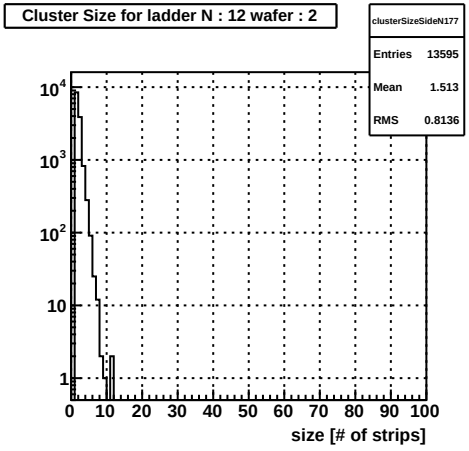

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 15417
Mean 1.485
RMS 0.9157
size [# of strips]

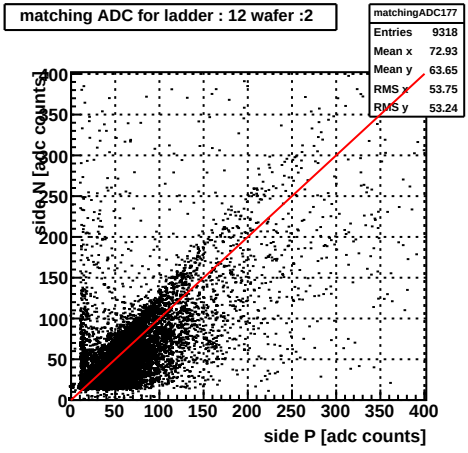

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 10339
Mean x 83.66
Mean y 68.16
RMS x 57.37
RMS y 52.91
side N [adc counts]
side P [adc counts]

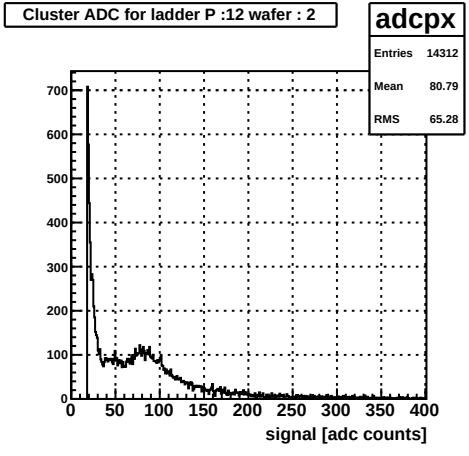

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 16492
Mean 87.02
RMS 67.3
signal [adc counts]

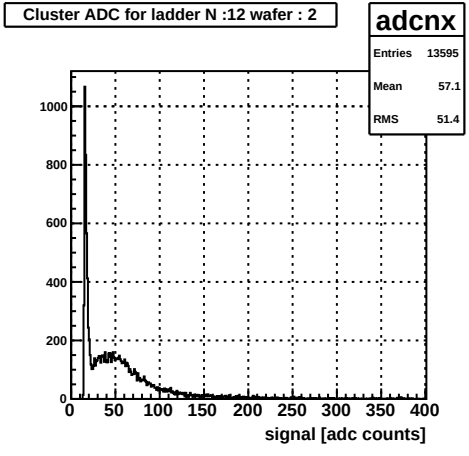

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 15417
Mean 57.65
RMS 52.82
signal [adc counts]

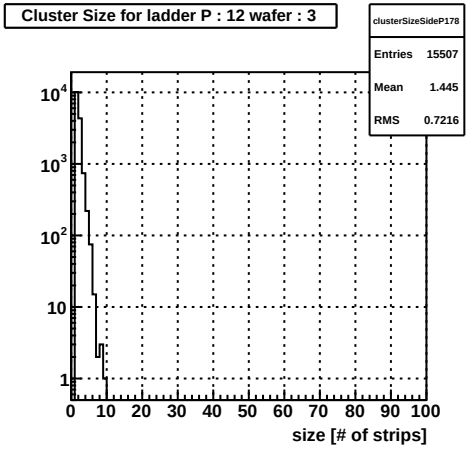

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 14312
Mean 1.469
RMS 0.7575
size [# of strips]

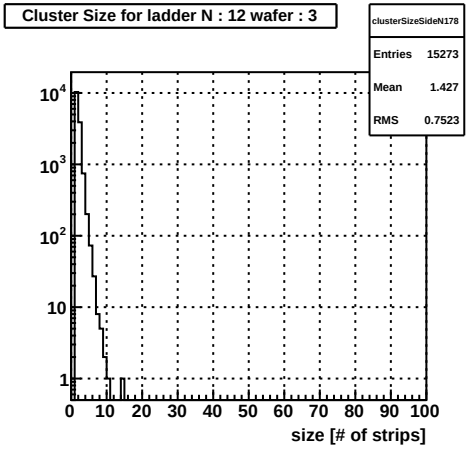

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 13595
Mean 1.513
RMS 0.8136
size [# of strips]

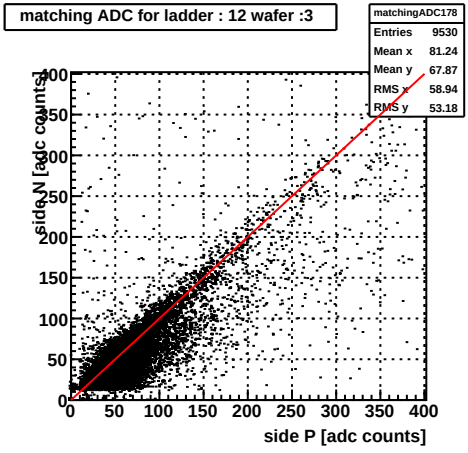

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 9318
Mean x 72.93
Mean y 63.65
RMS x 53.75
RMS y 53.24
side N [adc counts]
side P [adc counts]

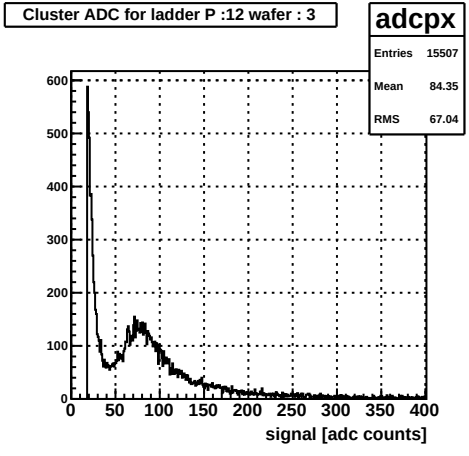

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 14312
Mean 80.79
RMS 65.28
signal [adc counts]

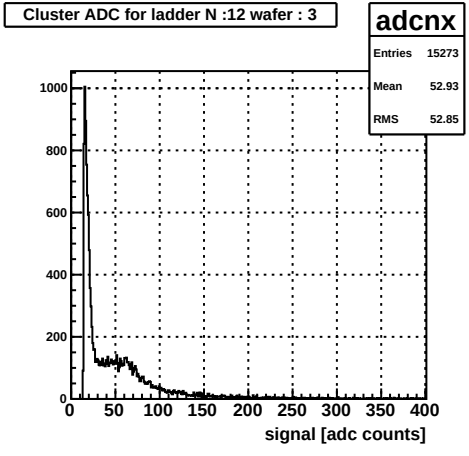

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 13595
Mean 57.1
RMS 51.4
signal [adc counts]

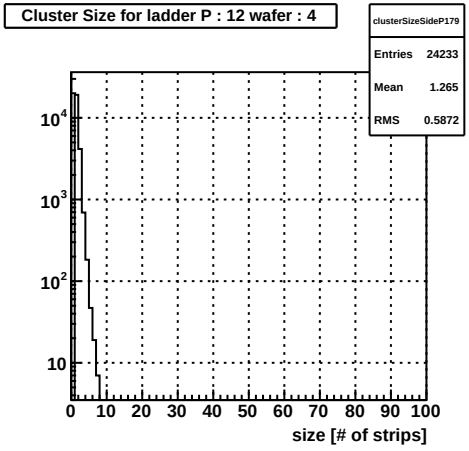

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15507
Mean 1.445
RMS 0.7216
size [# of strips]

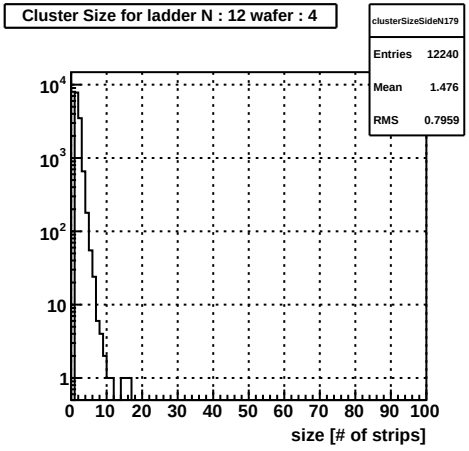

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 15273
Mean 1.427
RMS 0.7523
size [# of strips]

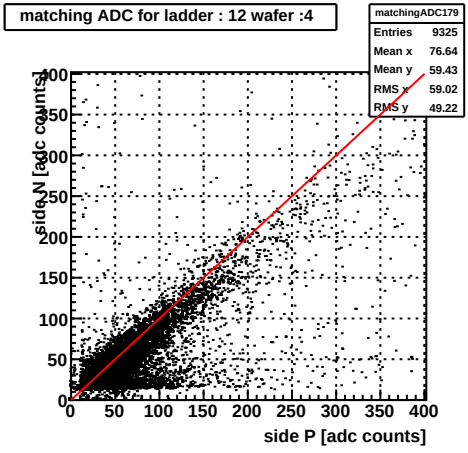

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 9530
Mean x 81.24
Mean y 67.87
RMS x 58.94
RMS y 53.18
side N [adc counts]
side P [adc counts]

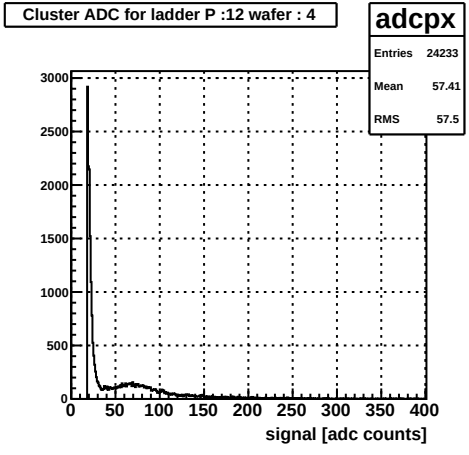

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15507
Mean 84.35
RMS 67.04
signal [adc counts]

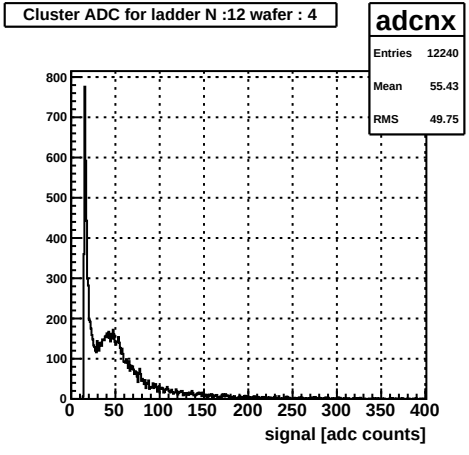

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 15273
Mean 52.93
RMS 52.85
signal [adc counts]

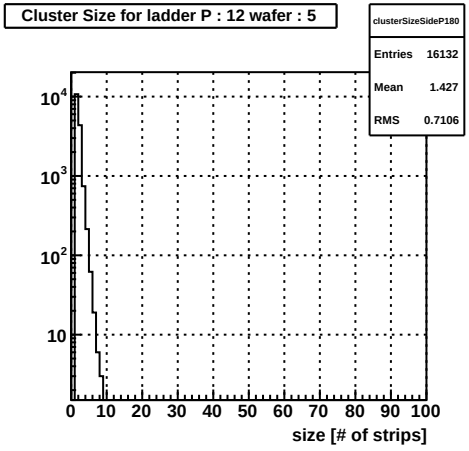

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 24233
Mean 1.265
RMS 0.5872
size [# of strips]

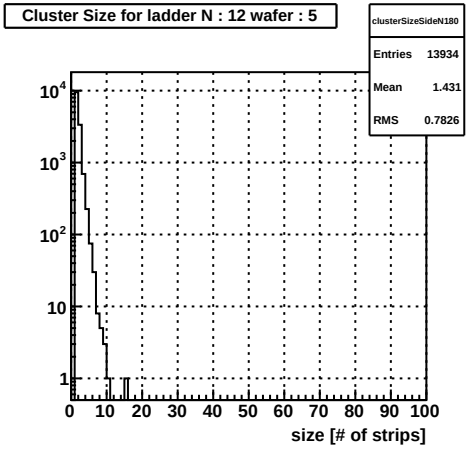

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 12240
Mean 1.476
RMS 0.7959
size [# of strips]

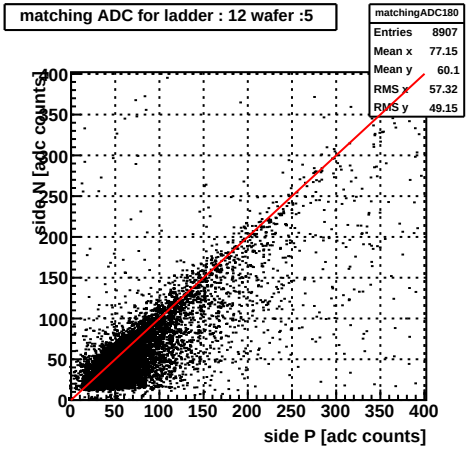

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 9325
Mean x 76.64
Mean y 59.43
RMS x 59.02
RMS y 49.22
side N [adc counts]
side P [adc counts]

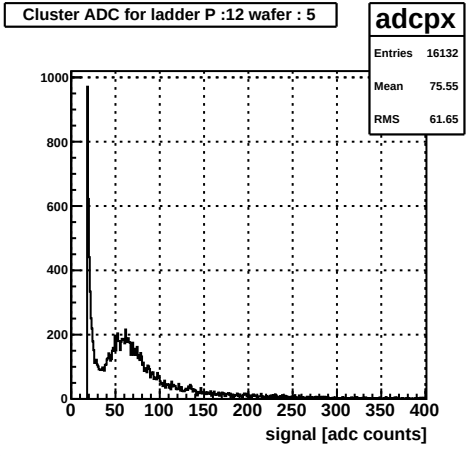

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 24233
Mean 57.41
RMS 57.5
signal [adc counts]

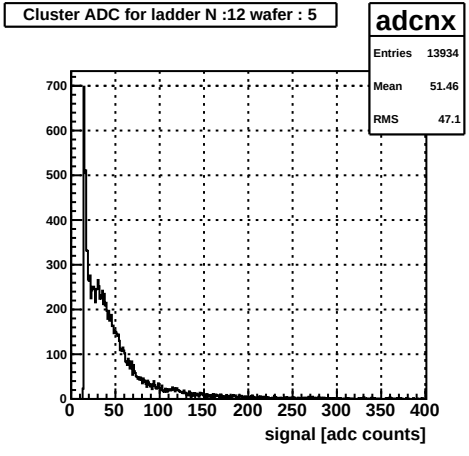

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 12240
Mean 55.43
RMS 49.75
signal [adc counts]

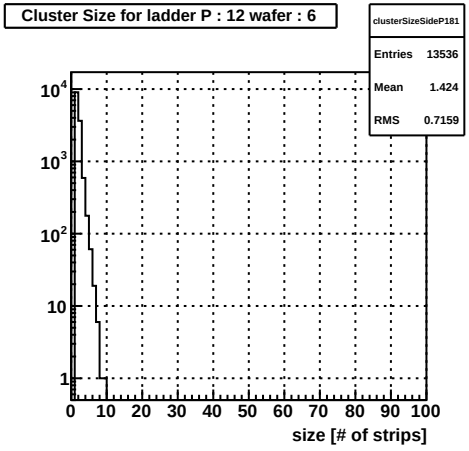

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 16132
Mean 1.427
RMS 0.7106
size [# of strips]

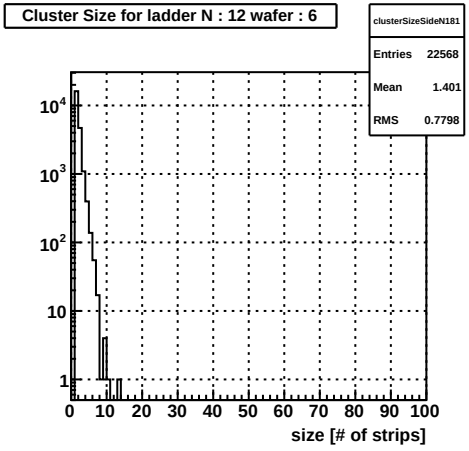

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 13934
Mean 1.431
RMS 0.7826
size [# of strips]

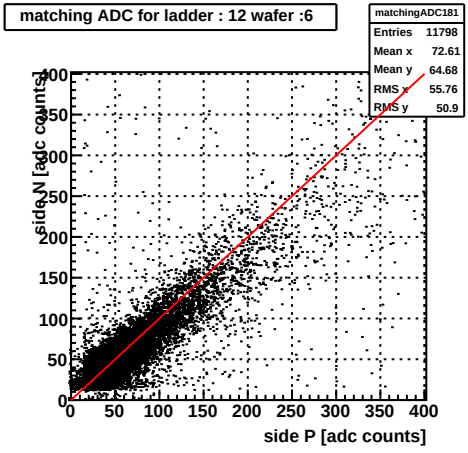

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 8907
Mean x 77.15
Mean y 60.1
RMS x 57.32
RMS y 49.15
side N [adc counts]
side P [adc counts]

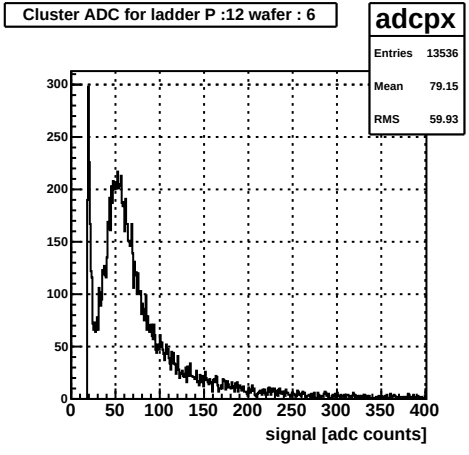

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 16132
Mean 75.55
RMS 61.65
signal [adc counts]

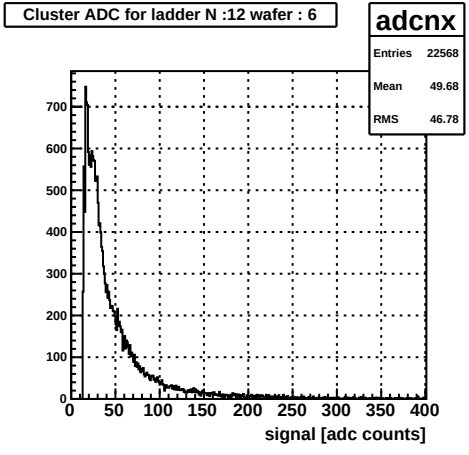

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 13934
Mean 51.46
RMS 47.1
signal [adc counts]

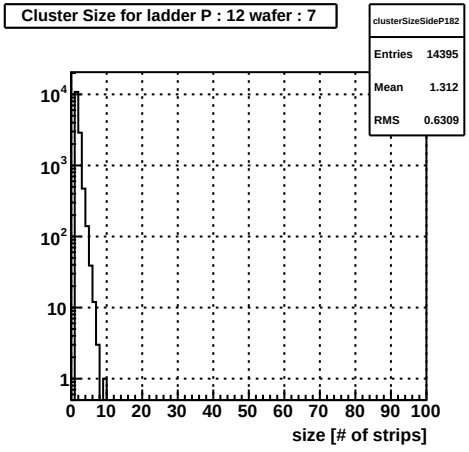

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 13536
Mean 1.424
RMS 0.7159
size [# of strips]

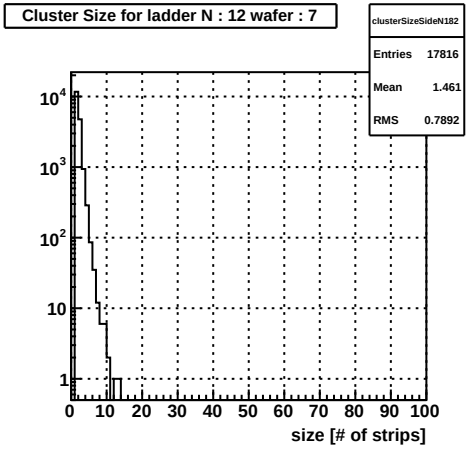

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 22568
Mean 1.401
RMS 0.7798
size [# of strips]

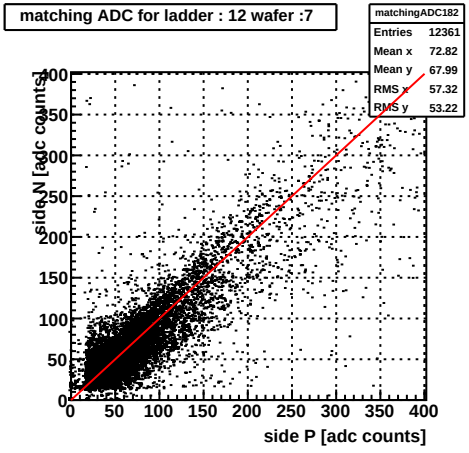

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 11798
Mean x 72.61
Mean y 64.68
RMS x 55.76
RMS y 50.9
side N [adc counts]
side P [adc counts]

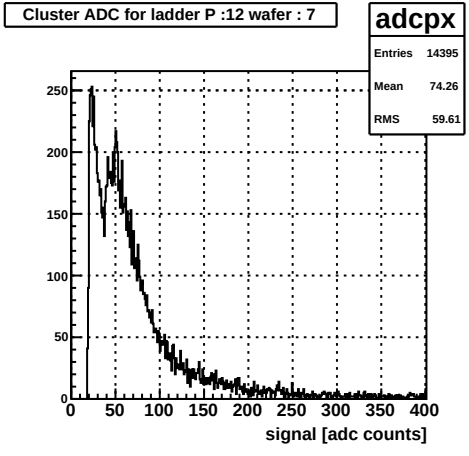

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 13536
Mean 79.15
RMS 59.93
signal [adc counts]

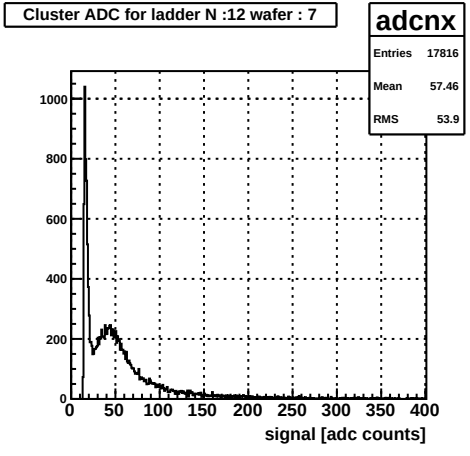

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 22568
Mean 49.68
RMS 46.78
signal [adc counts]

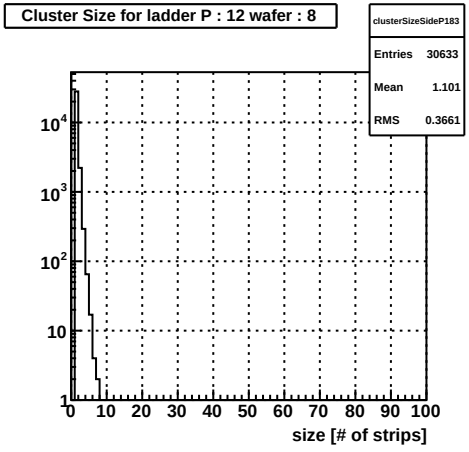

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14395
Mean 1.312
RMS 0.6309
size [# of strips]

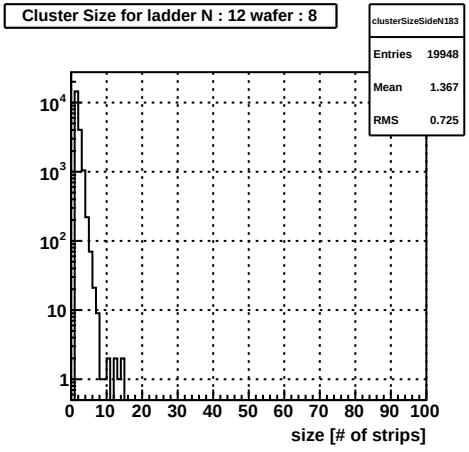

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 17816
Mean 1.461
RMS 0.7892
size [# of strips]

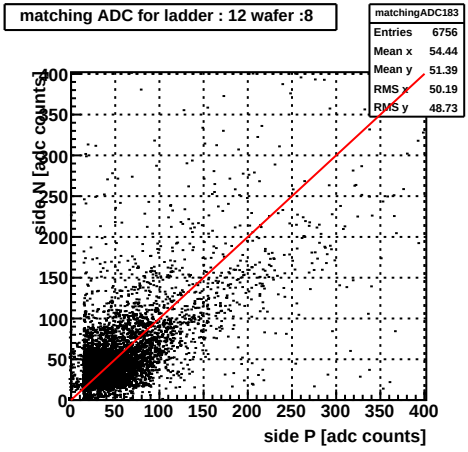

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 12361
Mean x 72.82
Mean y 67.99
RMS x 57.32
RMS y 53.22
side N [adc counts]
side P [adc counts]

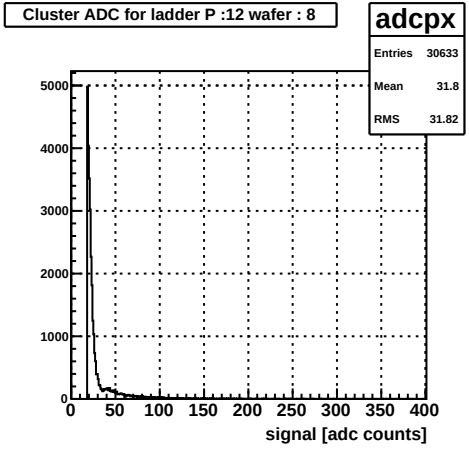

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14395
Mean 74.26
RMS 59.61
signal [adc counts]

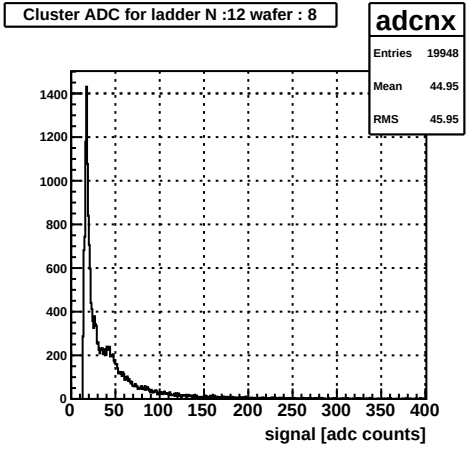

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 17816
Mean 57.46
RMS 53.9
signal [adc counts]

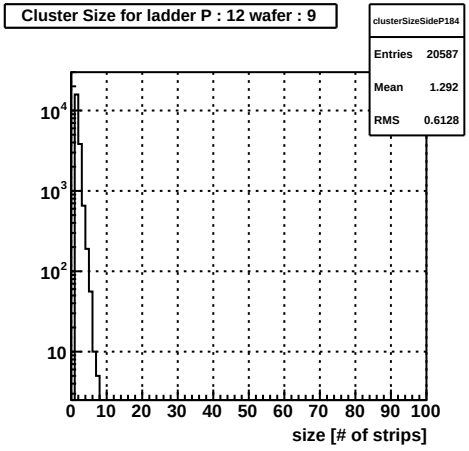

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 30633
Mean 1.101
RMS 0.3661
size [# of strips]

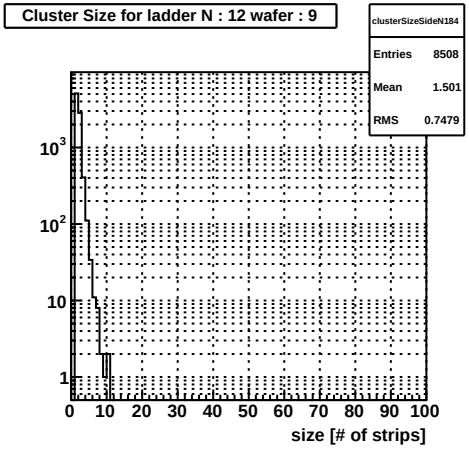

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 19948
Mean 1.367
RMS 0.725
size [# of strips]

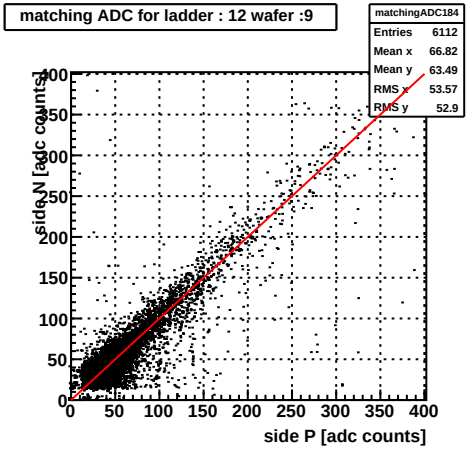

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6756
Mean x 54.44
Mean y 51.39
RMS x 50.19
RMS y 48.73
side N [adc counts]
side P [adc counts]

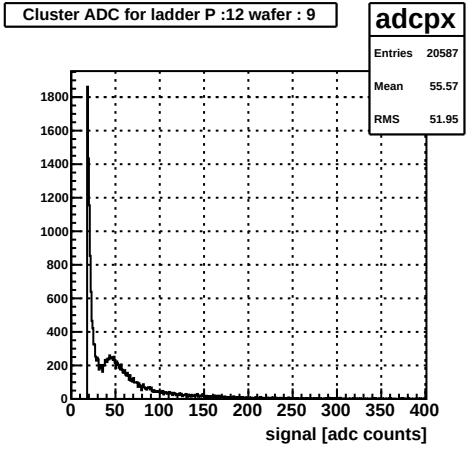

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 30633
Mean 31.8
RMS 31.82
signal [adc counts]

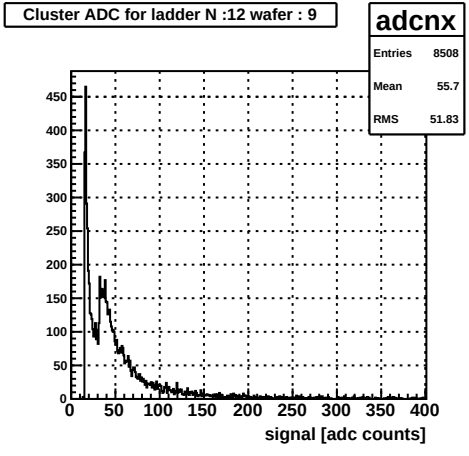

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 19948
Mean 44.95
RMS 45.95
signal [adc counts]

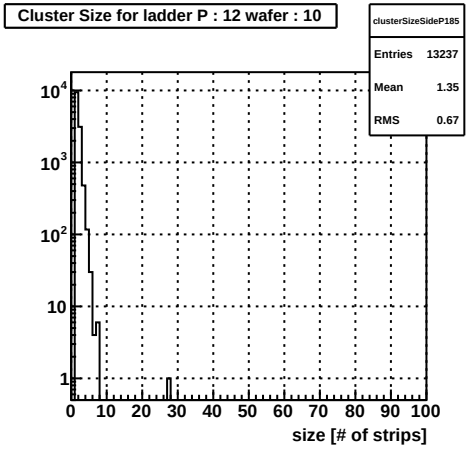

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 20587
Mean 1.292
RMS 0.6128
size [# of strips]

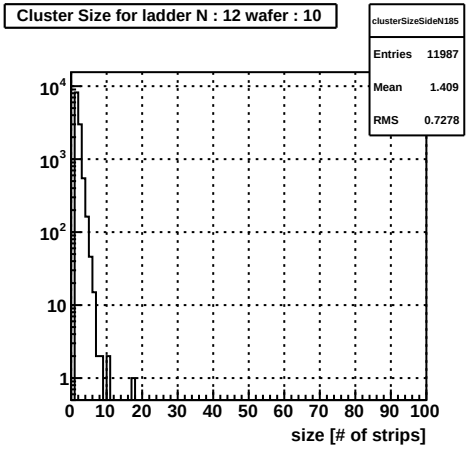

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8508
Mean 1.501
RMS 0.7479
size [# of strips]

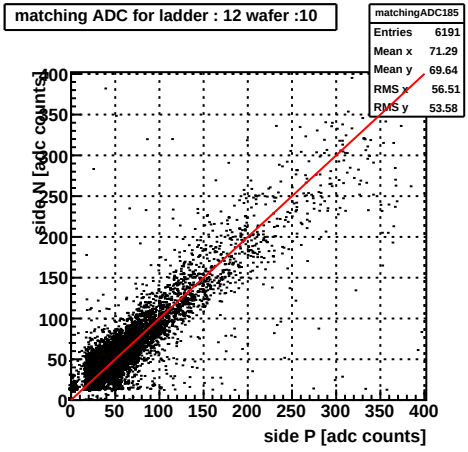

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6112
Mean x 66.82
Mean y 63.49
RMS x 53.57
RMS y 52.9
side N [adc counts]
side P [adc counts]

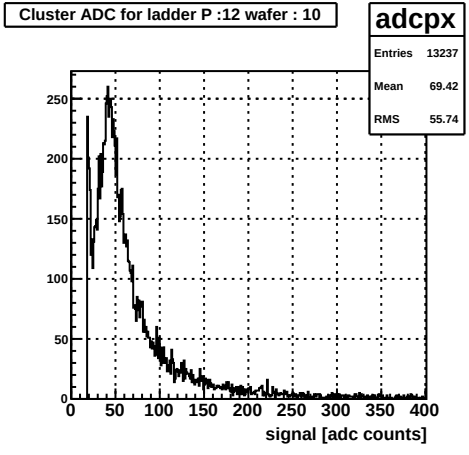

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 20587
Mean 55.57
RMS 51.95
signal [adc counts]

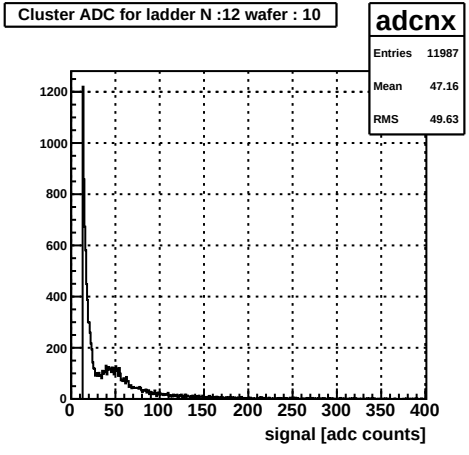

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8508
Mean 55.7
RMS 51.83
signal [adc counts]

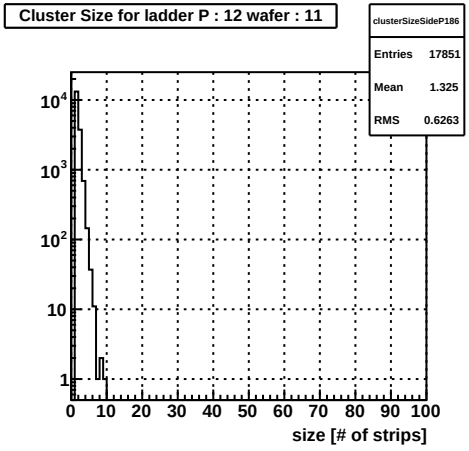

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 13237
Mean 1.35
RMS 0.67
size [# of strips]

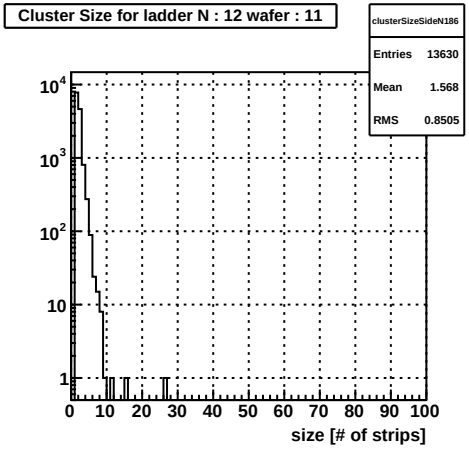

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 11987
Mean 1.409
RMS 0.7278
size [# of strips]

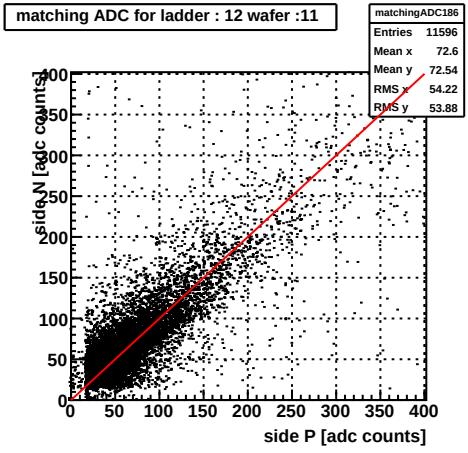

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6191
Mean x 71.29
Mean y 69.64
RMS x 56.51
RMS y 53.58
side N [adc counts]
side P [adc counts]

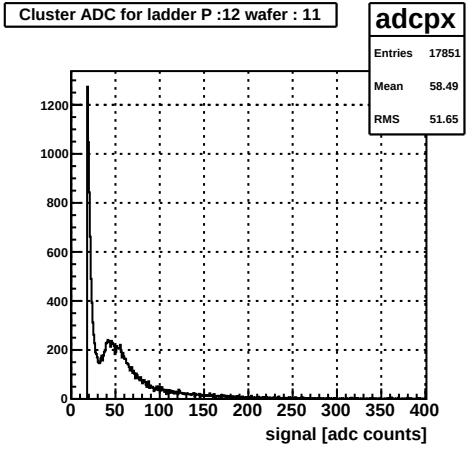

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 13237
Mean 69.42
RMS 55.74
signal [adc counts]

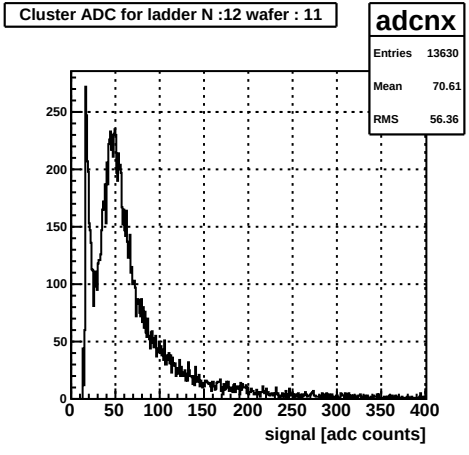

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 11987
Mean 47.16
RMS 49.63
signal [adc counts]

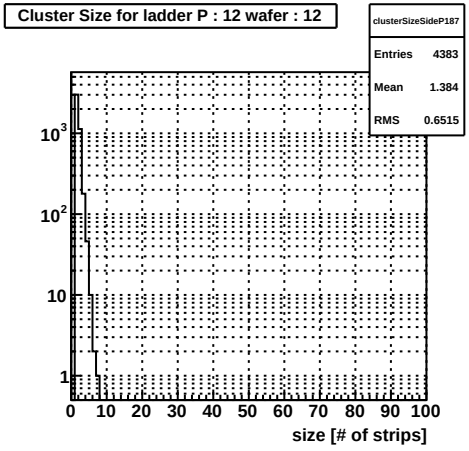

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 17851
Mean 1.325
RMS 0.6263
size [# of strips]

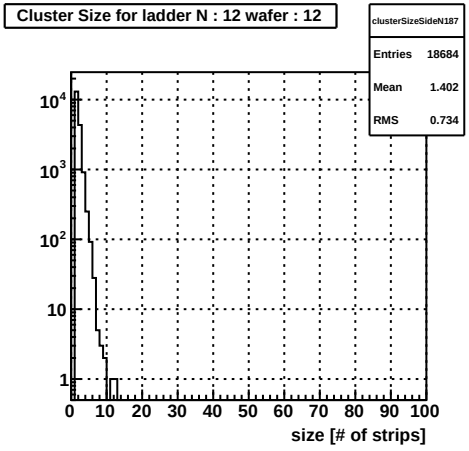

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 13630
Mean 1.568
RMS 0.8505
size [# of strips]

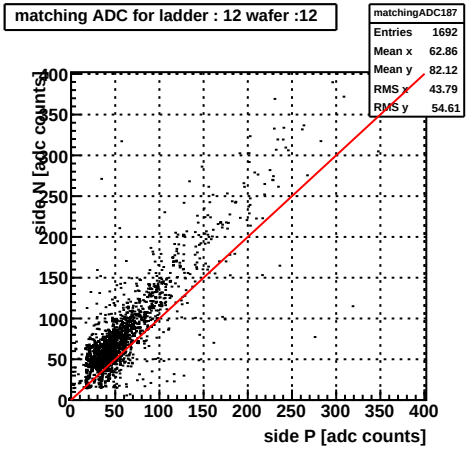

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 11596
Mean x 72.6
Mean y 72.54
RMS x 54.22
RMS y 53.88
side N [adc counts]
side P [adc counts]

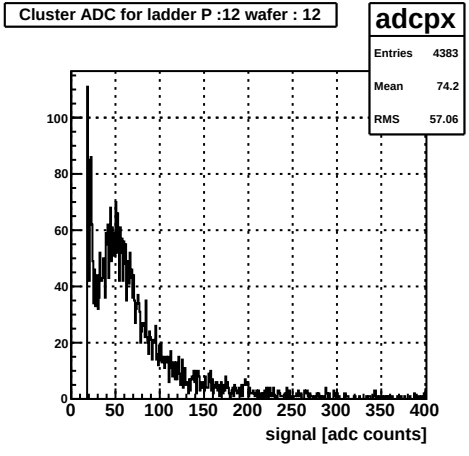

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 17851
Mean 58.49
RMS 51.65
signal [adc counts]

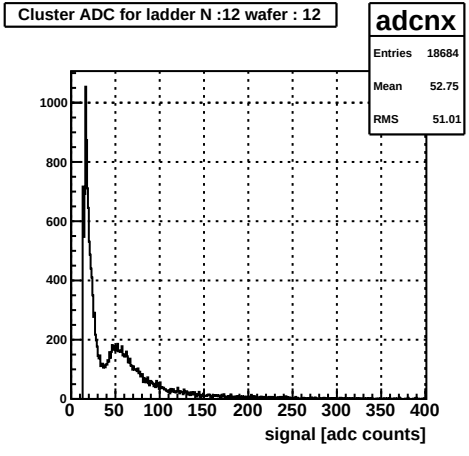

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 13630
Mean 70.61
RMS 56.36
signal [adc counts]

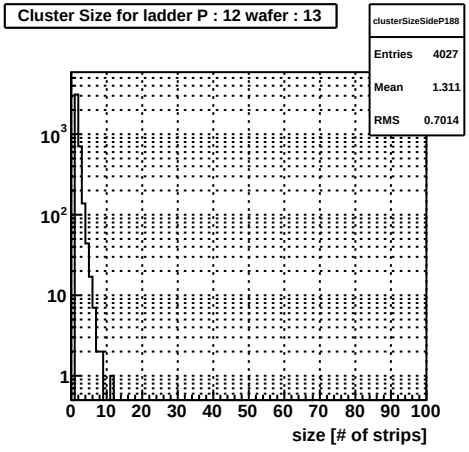

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4383
Mean 1.384
RMS 0.6515
size [# of strips]

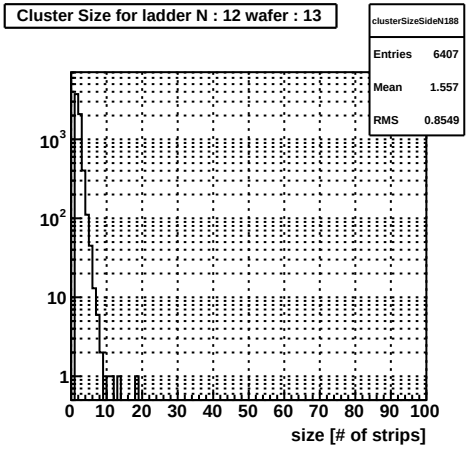

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 18684
Mean 1.402
RMS 0.734
size [# of strips]

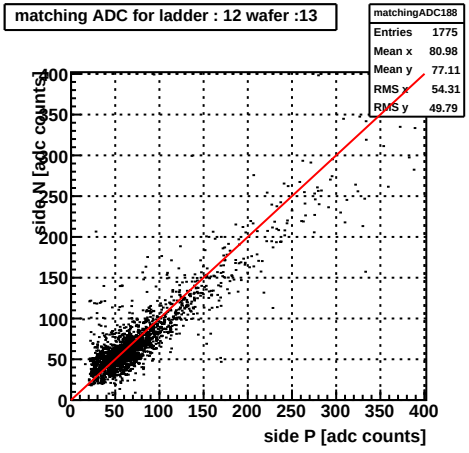

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1692
Mean x 62.86
Mean y 82.12
RMS x 43.79
RMS y 54.61
side N [adc counts]
side P [adc counts]

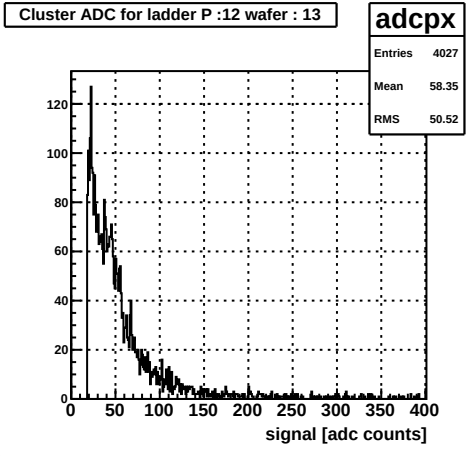

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4383
Mean 74.2
RMS 57.06
signal [adc counts]

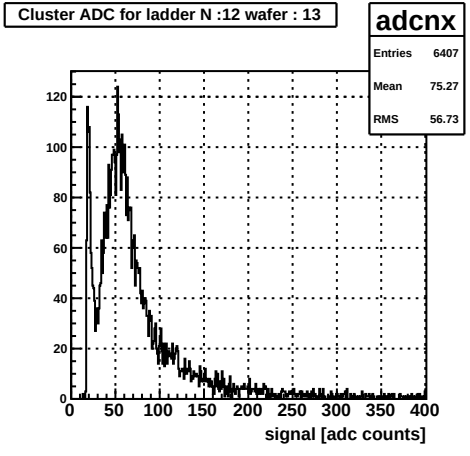

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 18684
Mean 52.75
RMS 51.01
signal [adc counts]

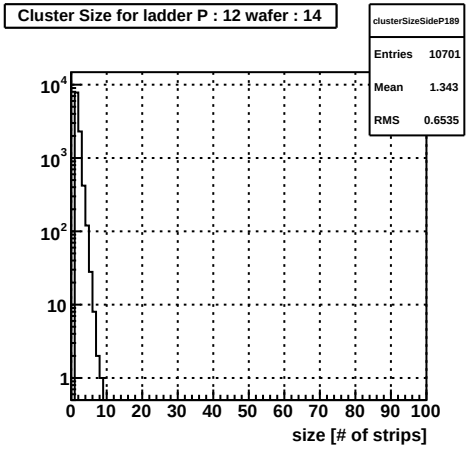

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4027
Mean 1.311
RMS 0.7014
size [# of strips]

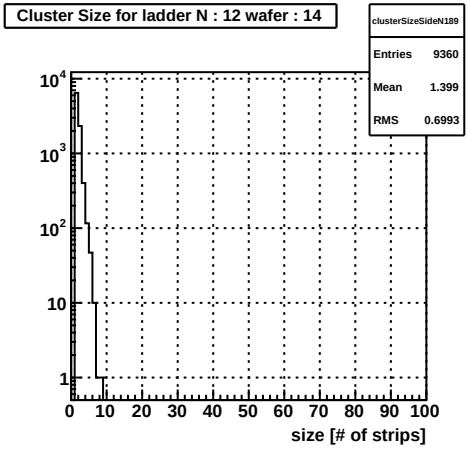

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 6407
Mean 1.557
RMS 0.8549
size [# of strips]

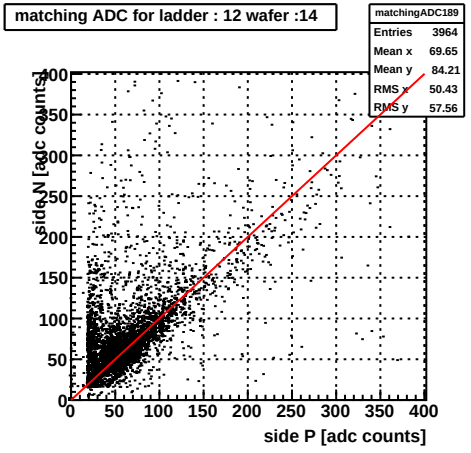

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1775
Mean x 80.98
Mean y 77.11
RMS x 54.31
RMS y 49.79
side N [adc counts]
side P [adc counts]

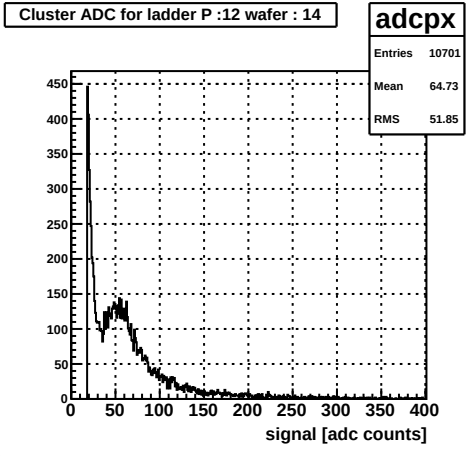

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4027
Mean 58.35
RMS 50.52
signal [adc counts]

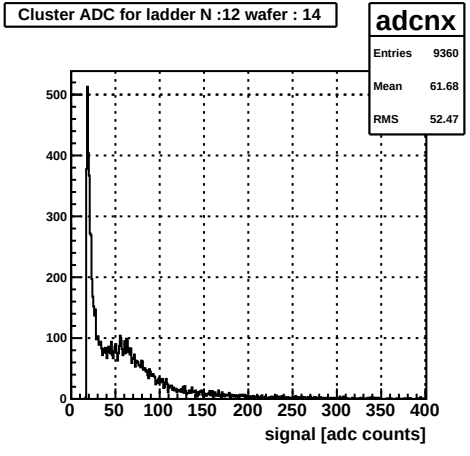

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 6407
Mean 75.27
RMS 56.73
signal [adc counts]

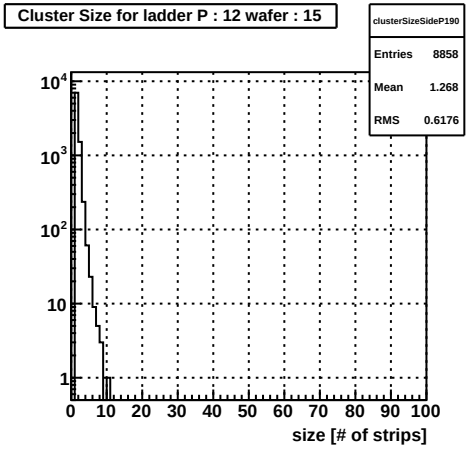

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 10701
Mean 1.343
RMS 0.6535
size [# of strips]

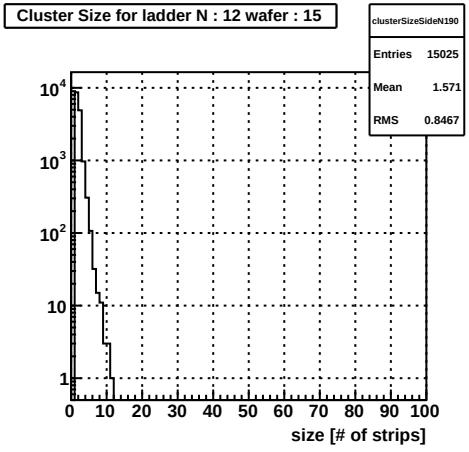

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 9360
Mean 1.399
RMS 0.6993
size [# of strips]

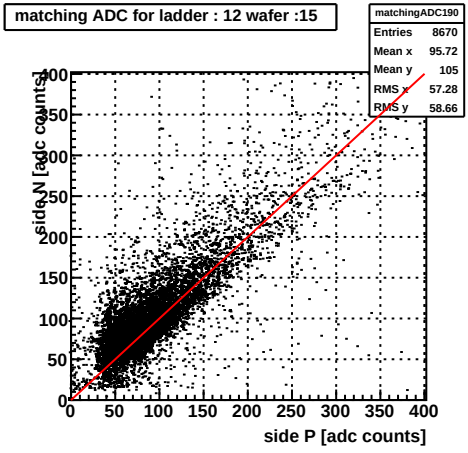

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 3964
Mean x 69.65
Mean y 84.21
RMS x 50.43
RMS y 57.56
side N [adc counts]
side P [adc counts]

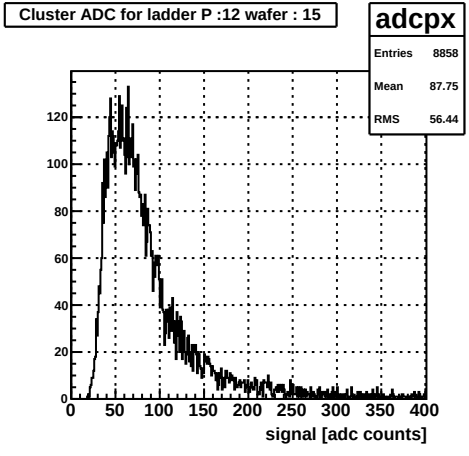

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 10701
Mean 64.73
RMS 51.85
signal [adc counts]

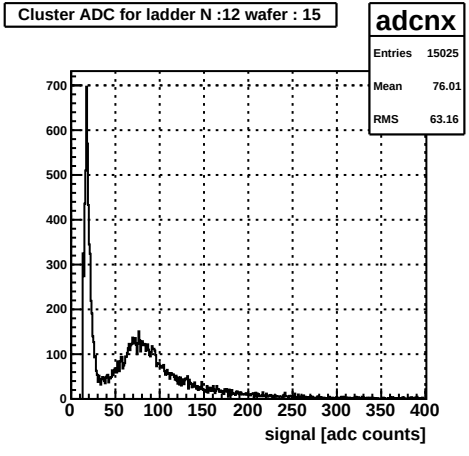

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 9360
Mean 61.68
RMS 52.47
signal [adc counts]

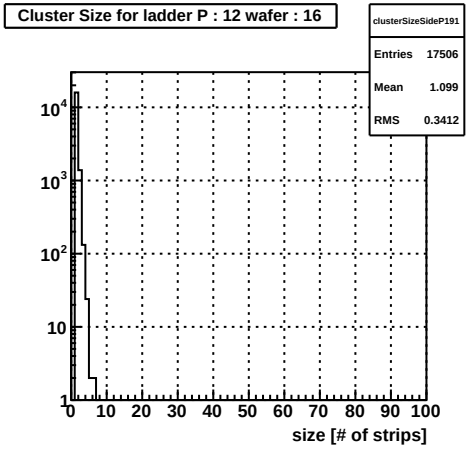

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 8858
Mean 1.268
RMS 0.6176
size [# of strips]

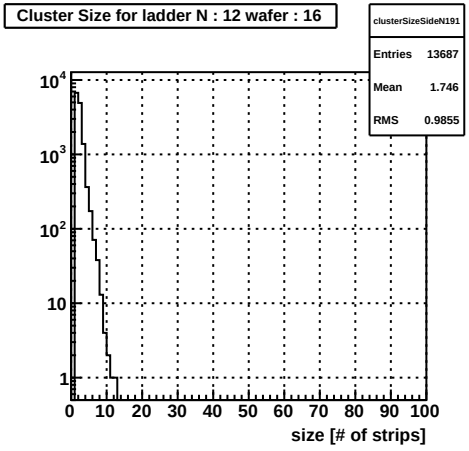

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 15025
Mean 1.571
RMS 0.8467
size [# of strips]

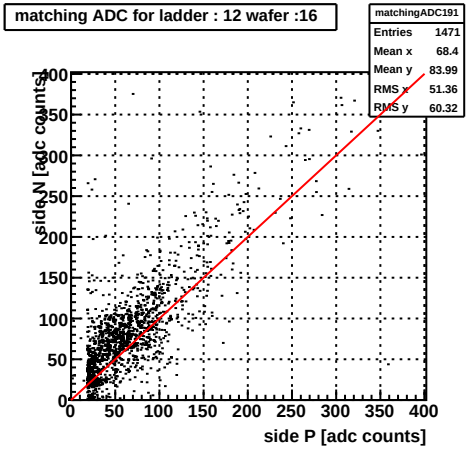

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 8670
Mean x 95.72
Mean y 105
RMS x 57.28
RMS y 58.66
side N [adc counts]
side P [adc counts]

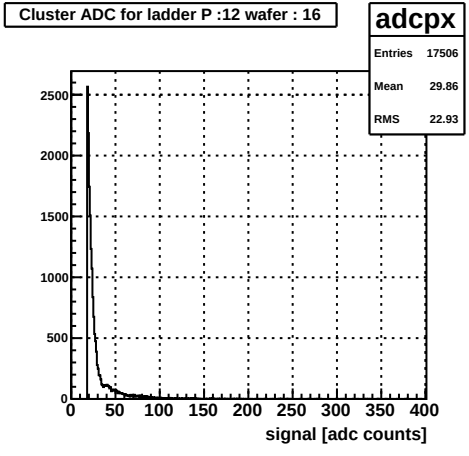

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 8858
Mean 87.75
RMS 56.44
signal [adc counts]

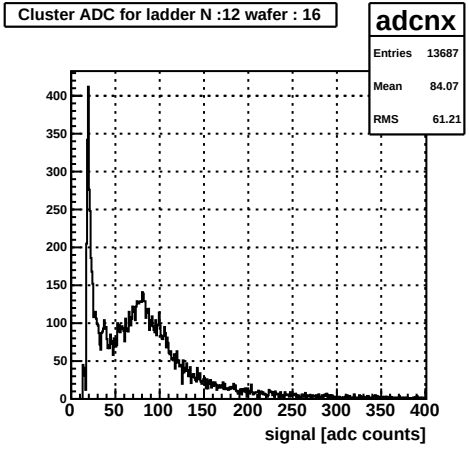

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 15025
Mean 76.01
RMS 63.16
signal [adc counts]

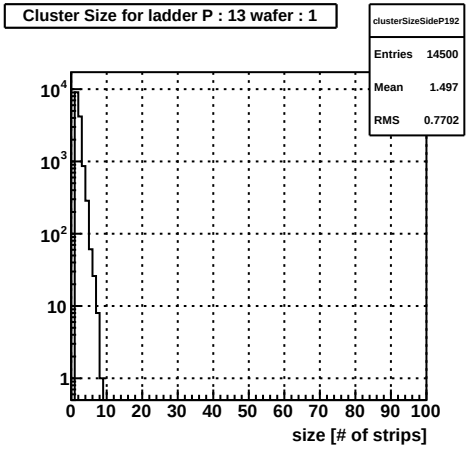

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 17506
Mean 1.099
RMS 0.3412
size [# of strips]

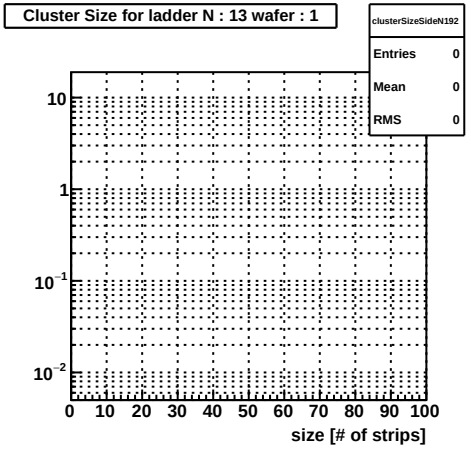

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 13687
Mean 1.746
RMS 0.9855
size [# of strips]

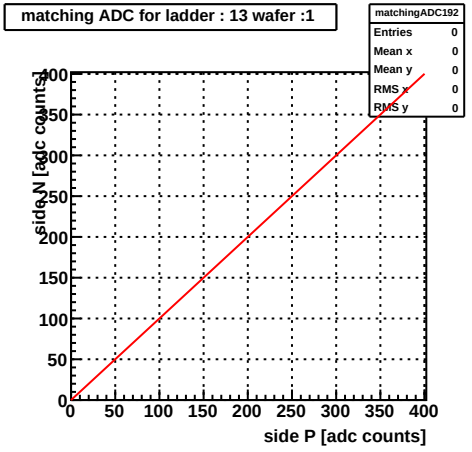

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1471
Mean x 68.4
Mean y 83.99
RMS x 51.36
RMS y 60.32
side N [adc counts]
side P [adc counts]

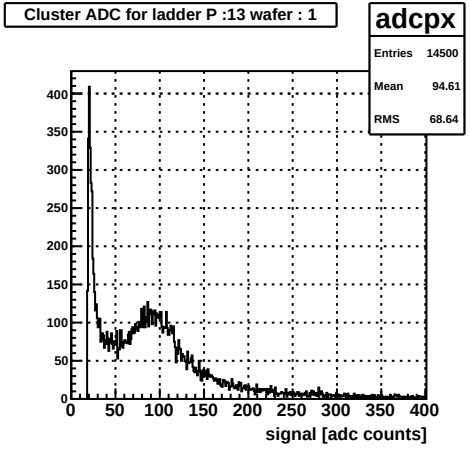

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 17506
Mean 29.86
RMS 22.93
signal [adc counts]

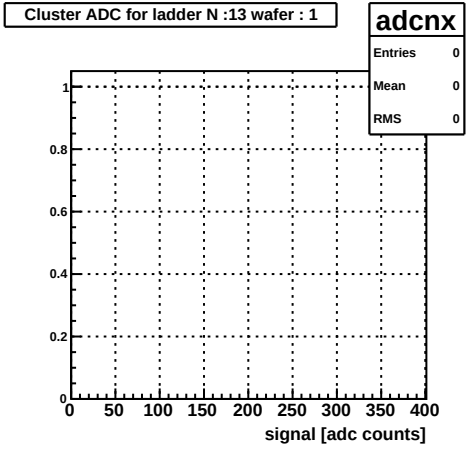

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 13687
Mean 84.07
RMS 61.21
signal [adc counts]

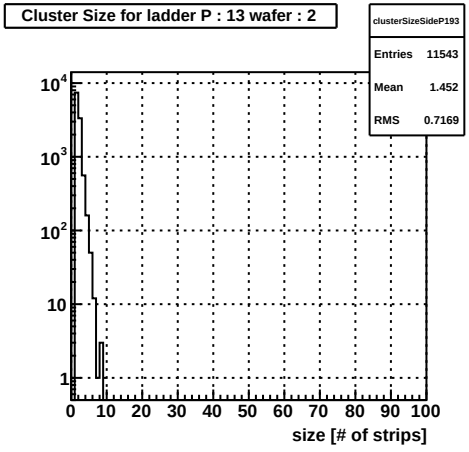

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 14500
Mean 1.497
RMS 0.7702
size [# of strips]

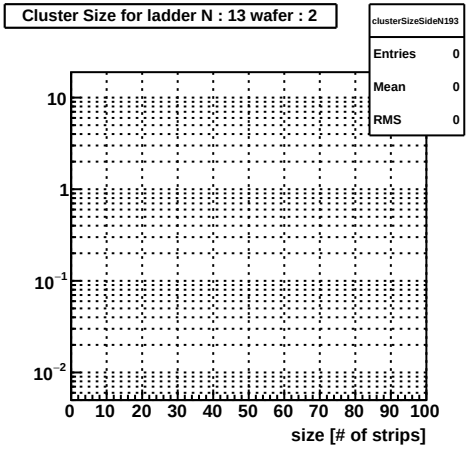

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 0
Mean 0
RMS 0
size [# of strips]

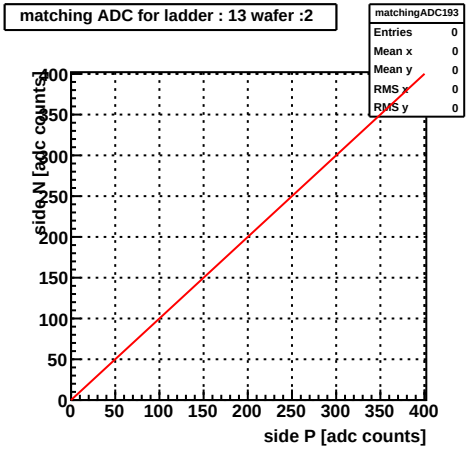

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

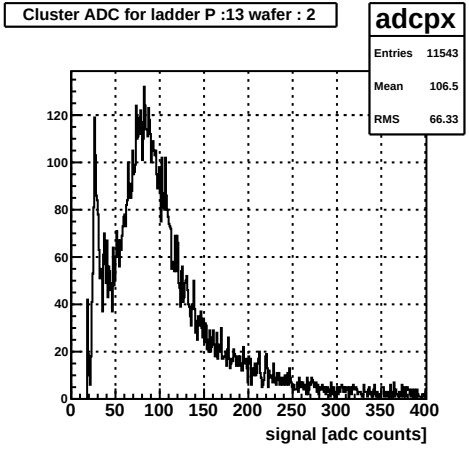

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 14500
Mean 94.61
RMS 68.64
signal [adc counts]

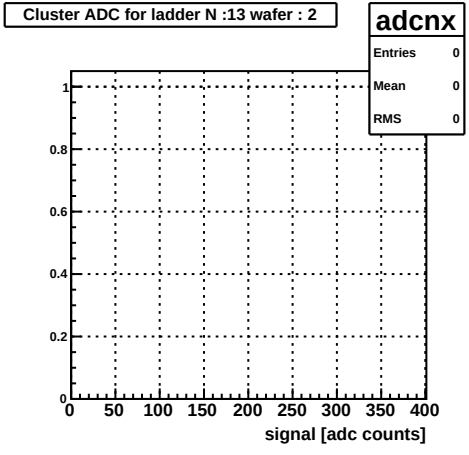

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

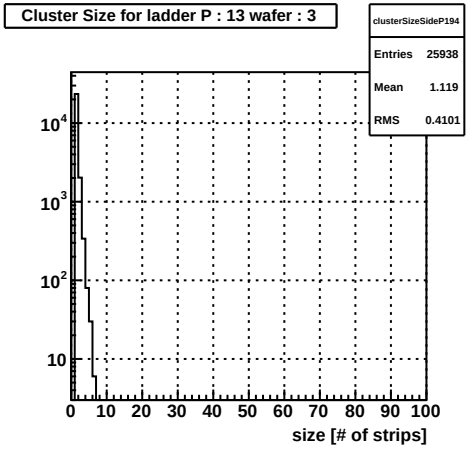

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 11543
Mean 1.452
RMS 0.7169
size [# of strips]

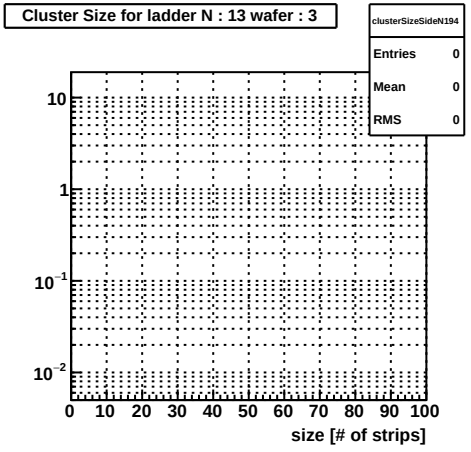

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 0
Mean 0
RMS 0
size [# of strips]

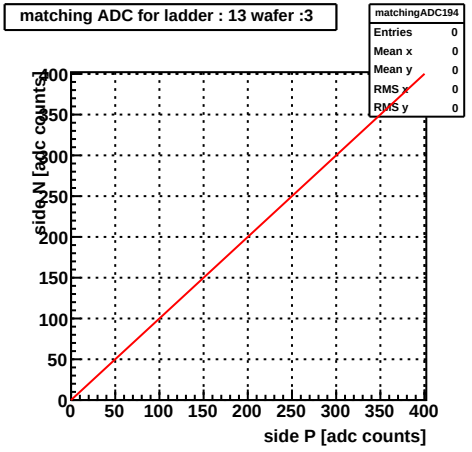

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

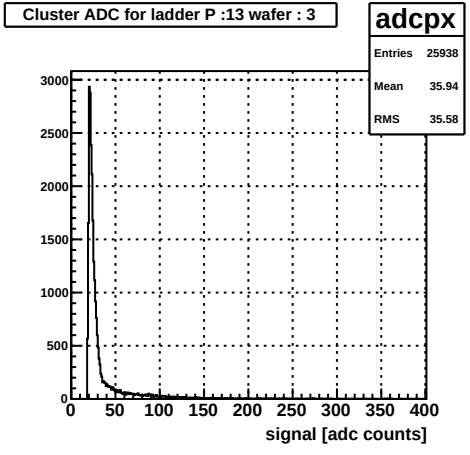

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 11543
Mean 106.5
RMS 66.33
signal [adc counts]

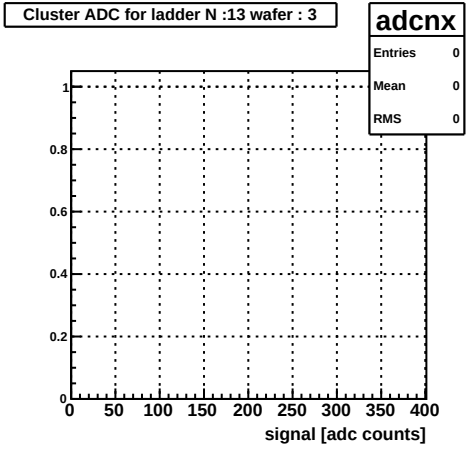

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

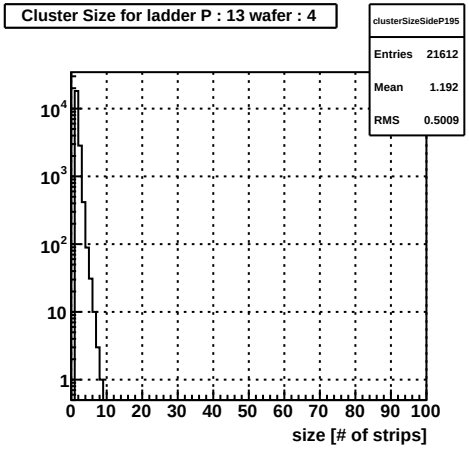

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 25938
Mean 1.119
RMS 0.4101
size [# of strips]

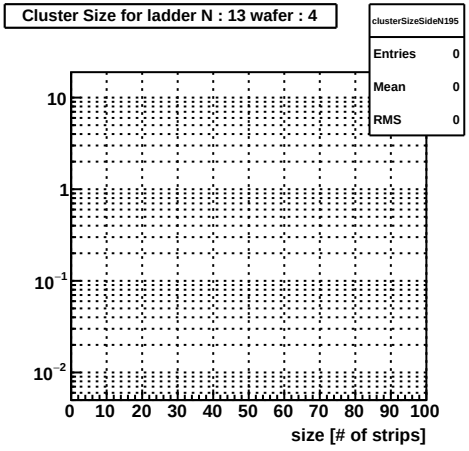

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 0
Mean 0
RMS 0
size [# of strips]

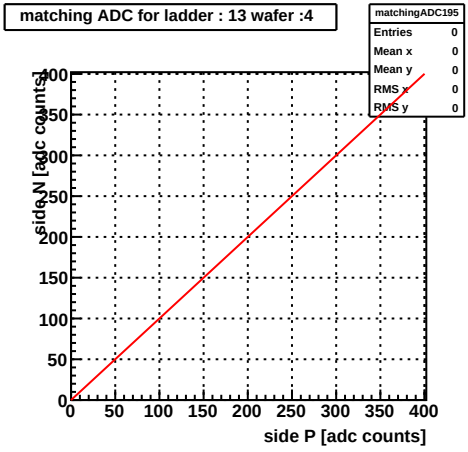

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

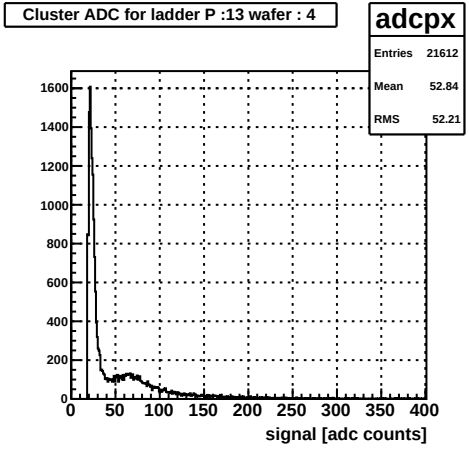

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 25938
Mean 35.94
RMS 35.58
signal [adc counts]

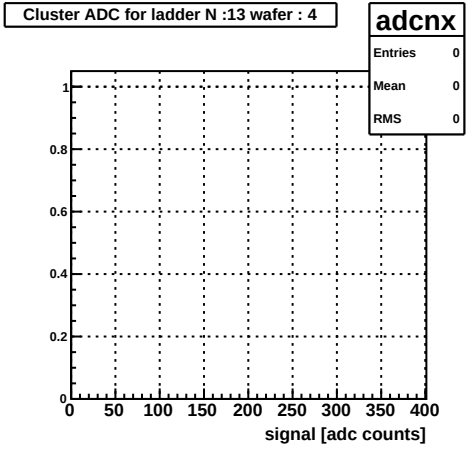

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

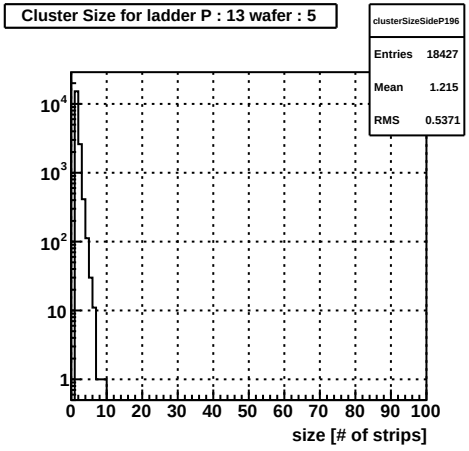

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 21612
Mean 1.192
RMS 0.5009
size [# of strips]

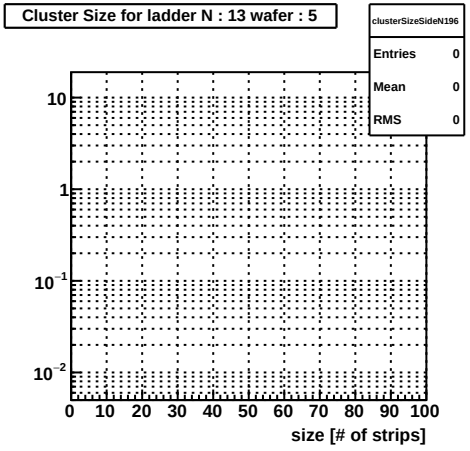

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 0
Mean 0
RMS 0
size [# of strips]

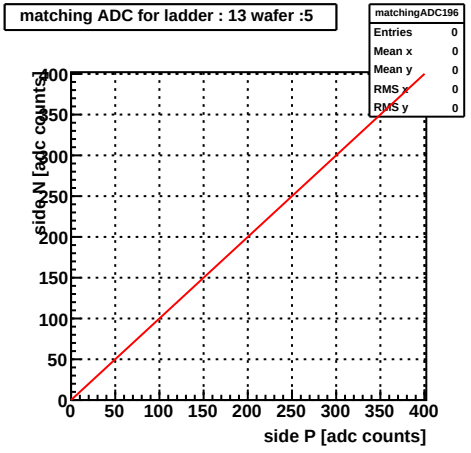

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

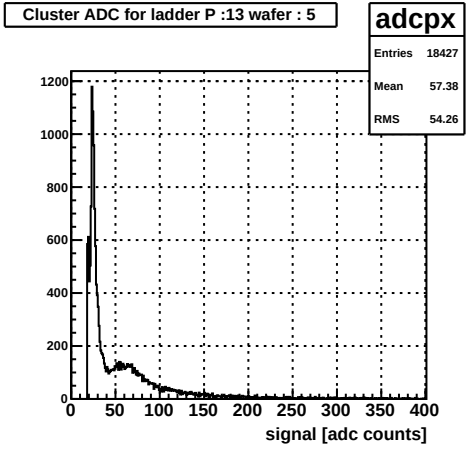

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 21612
Mean 52.84
RMS 52.21
signal [adc counts]

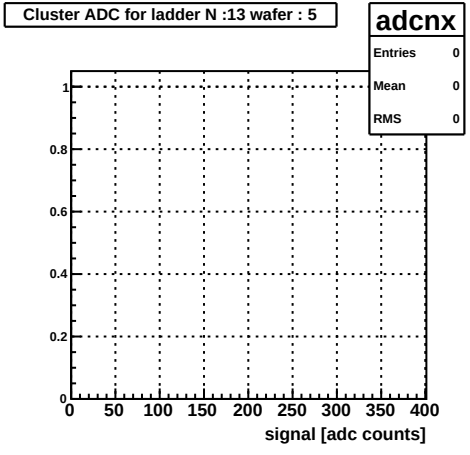

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

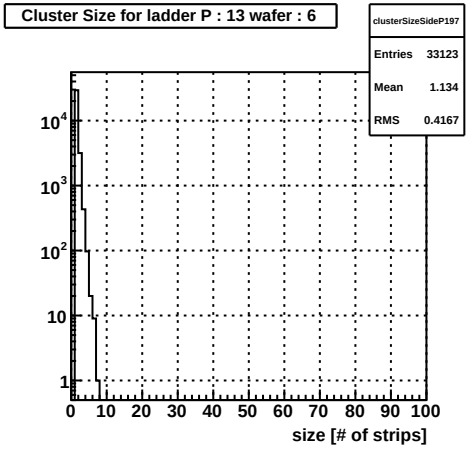

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 18427
Mean 1.215
RMS 0.5371
size [# of strips]

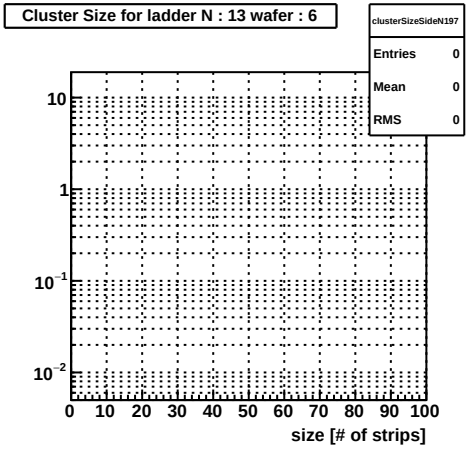

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 0
Mean 0
RMS 0
size [# of strips]

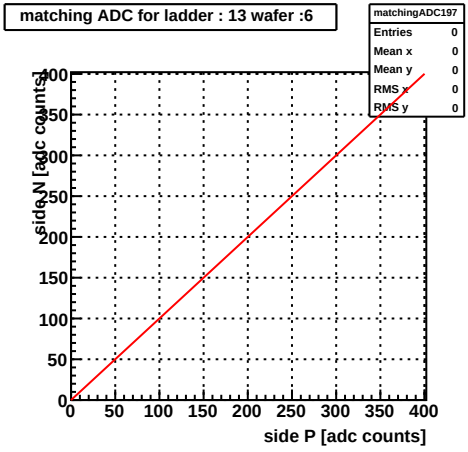

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

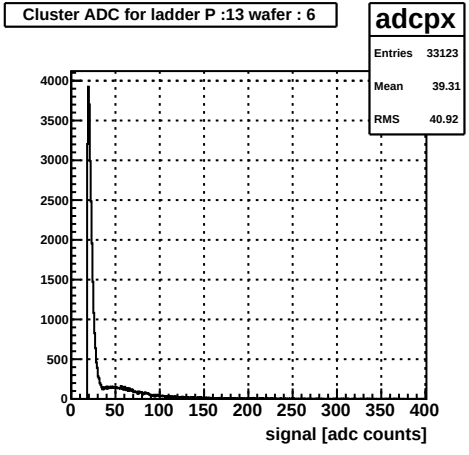

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 18427
Mean 57.38
RMS 54.26
signal [adc counts]

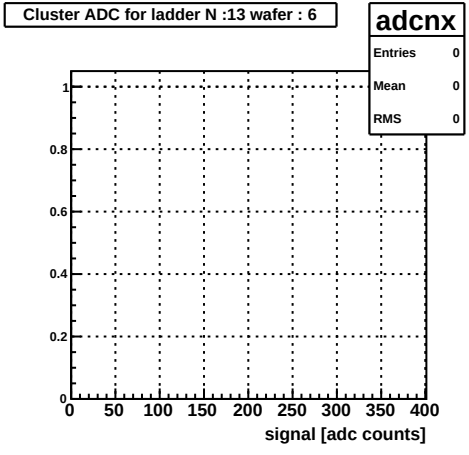

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

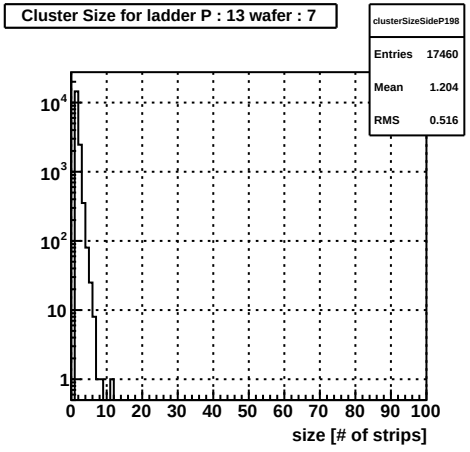

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 33123
Mean 1.134
RMS 0.4167
size [# of strips]

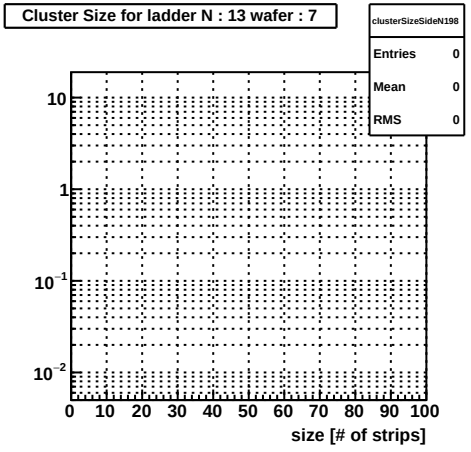

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 0
Mean 0
RMS 0
size [# of strips]

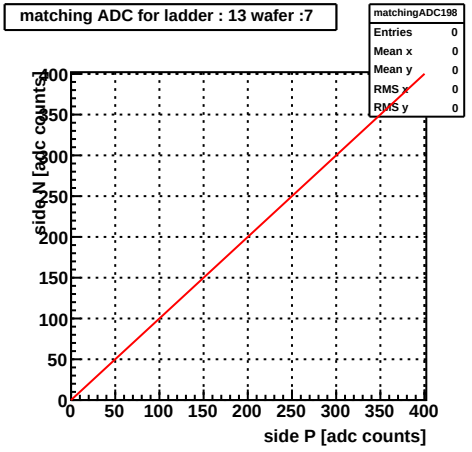

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

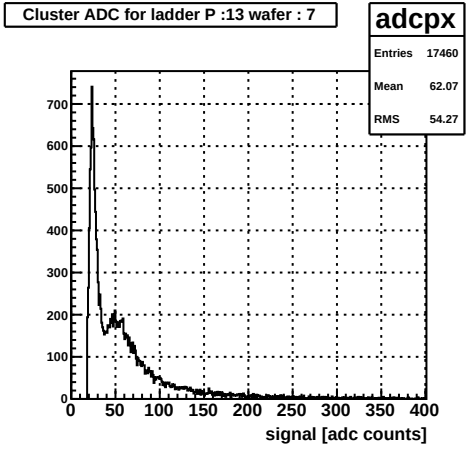

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 33123
Mean 39.31
RMS 40.92
signal [adc counts]

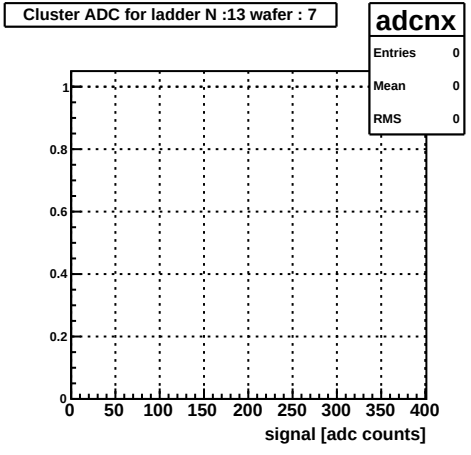

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

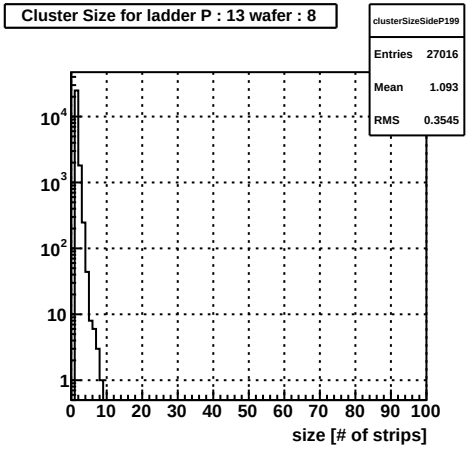

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 17460
Mean 1.204
RMS 0.516
size [# of strips]

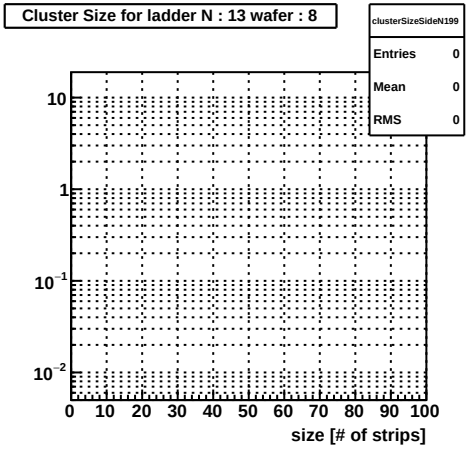

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 0
Mean 0
RMS 0
size [# of strips]

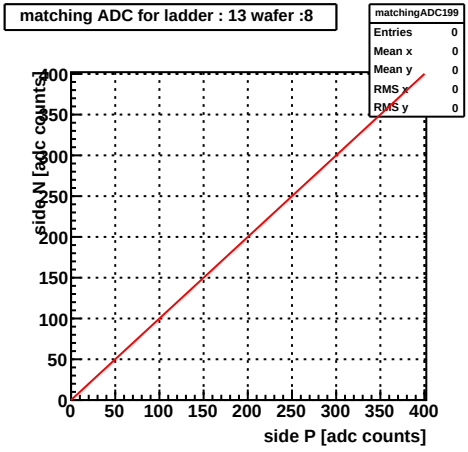

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

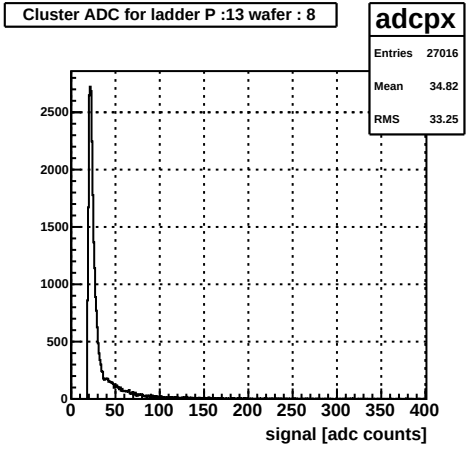

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 17460
Mean 62.07
RMS 54.27
signal [adc counts]

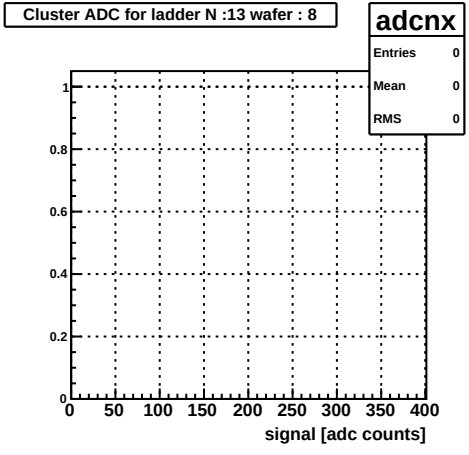

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

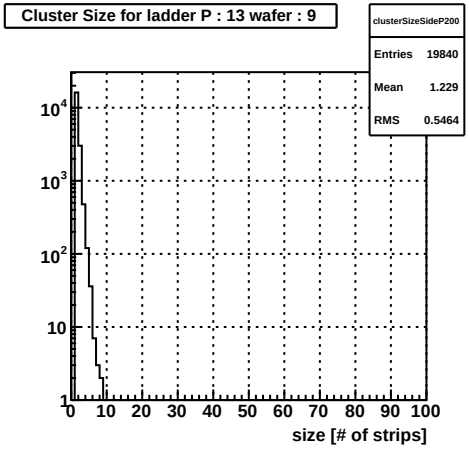

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 27016
Mean 1.093
RMS 0.3545
size [# of strips]

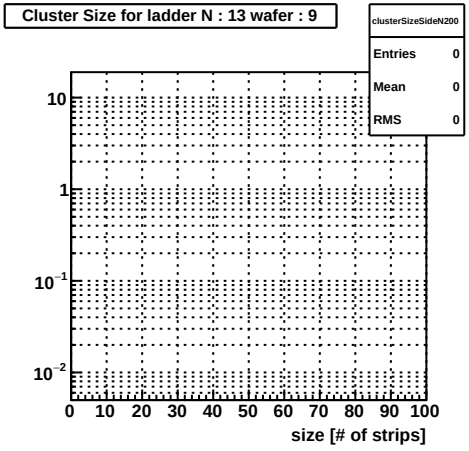

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 0
Mean 0
RMS 0
size [# of strips]

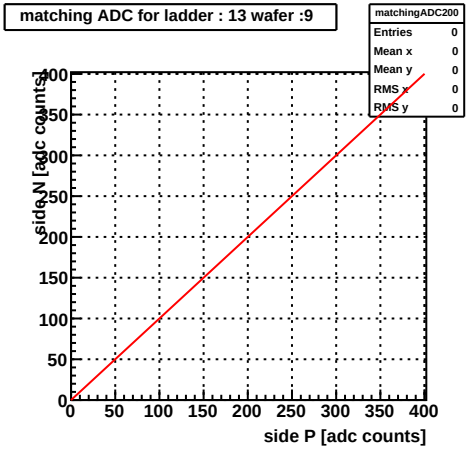

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

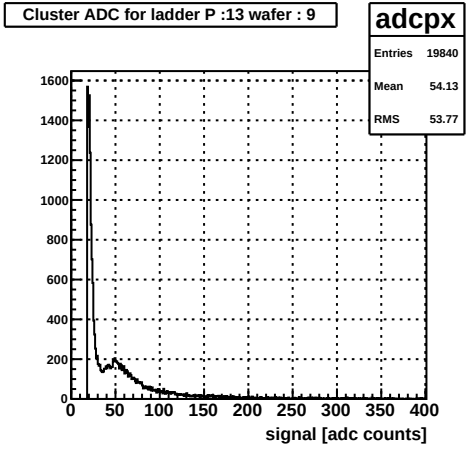

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 27016
Mean 34.82
RMS 33.25
signal [adc counts]

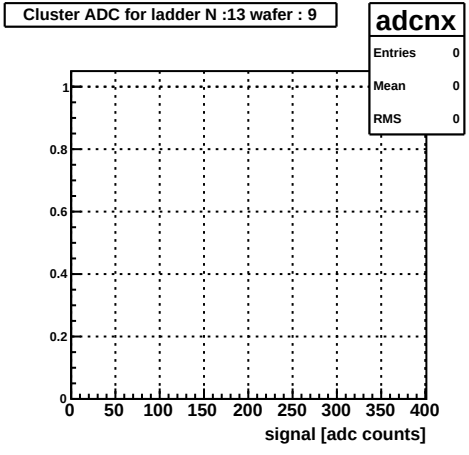

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

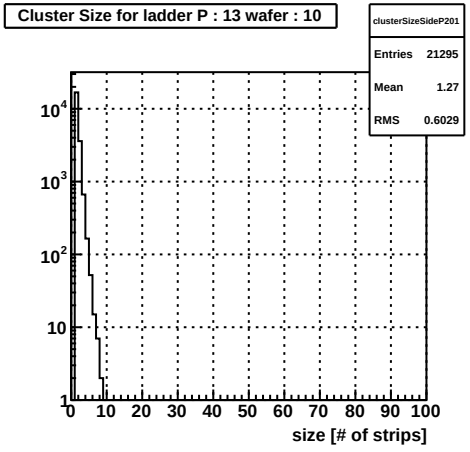

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 19840
Mean 1.229
RMS 0.5464
size [# of strips]

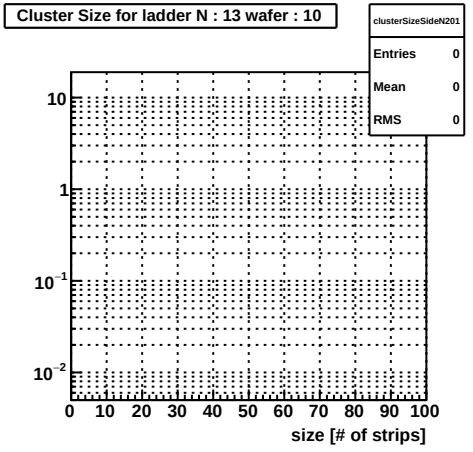

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 0
Mean 0
RMS 0
size [# of strips]

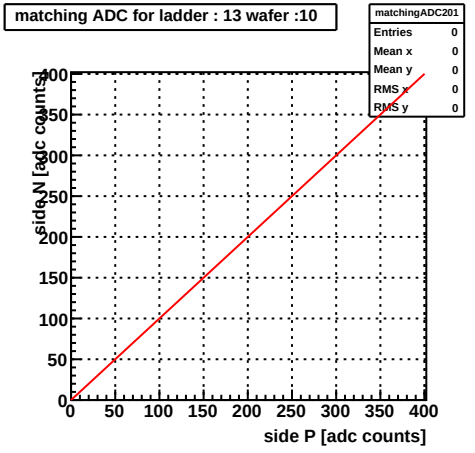

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

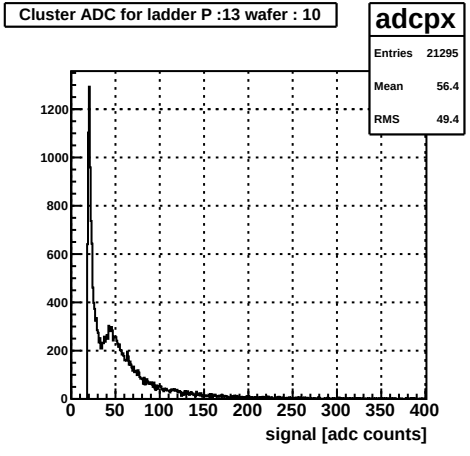

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 19840
Mean 54.13
RMS 53.77
signal [adc counts]

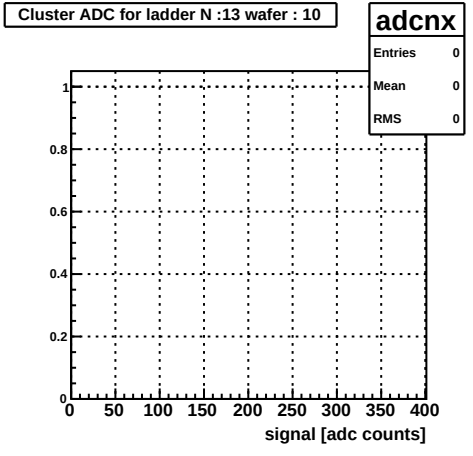

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

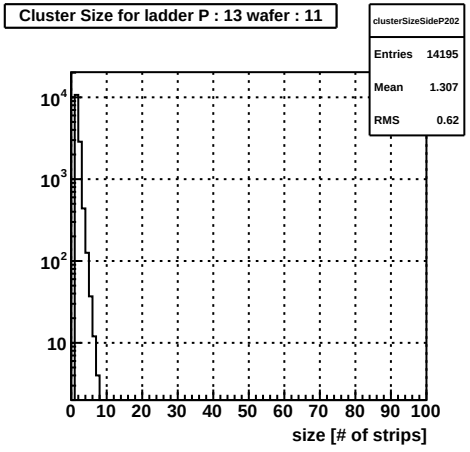

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 21295
Mean 1.27
RMS 0.6029
size [# of strips]

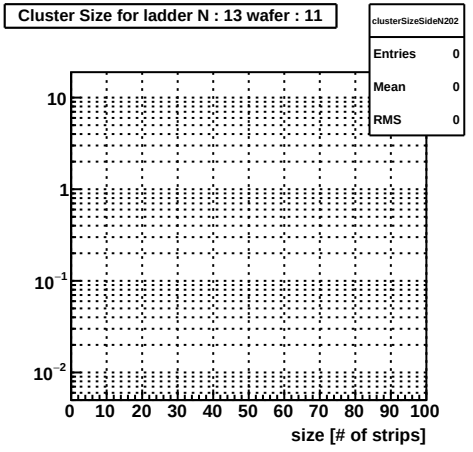

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 0
Mean 0
RMS 0
size [# of strips]

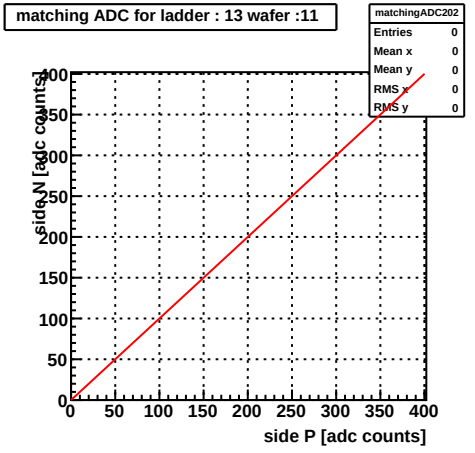

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

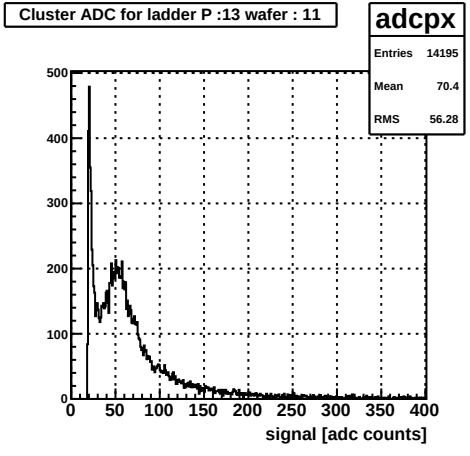

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 21295
Mean 56.4
RMS 49.4
signal [adc counts]

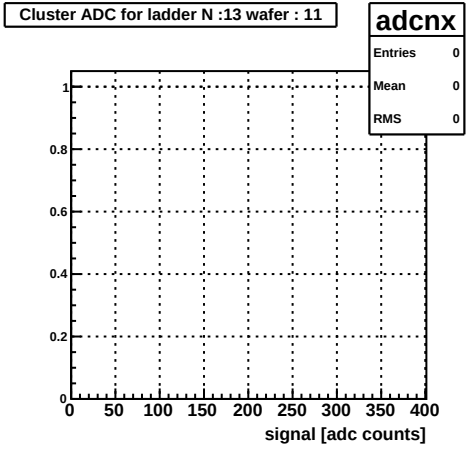

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

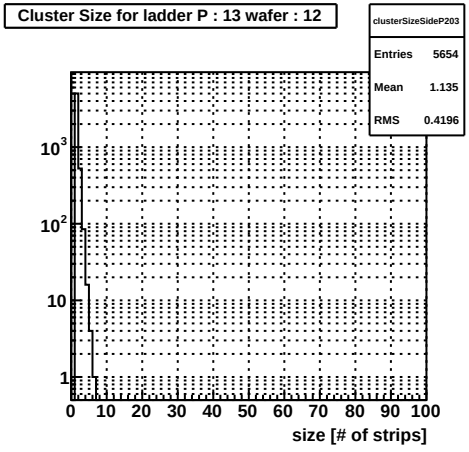

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 14195
Mean 1.307
RMS 0.62
size [# of strips]

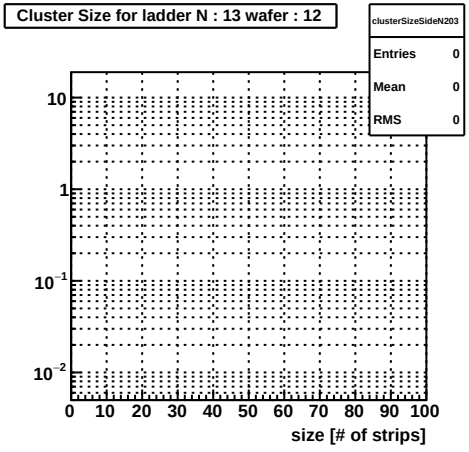

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 0
Mean 0
RMS 0
size [# of strips]

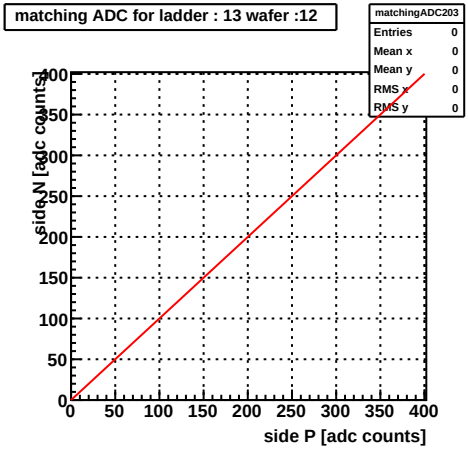

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

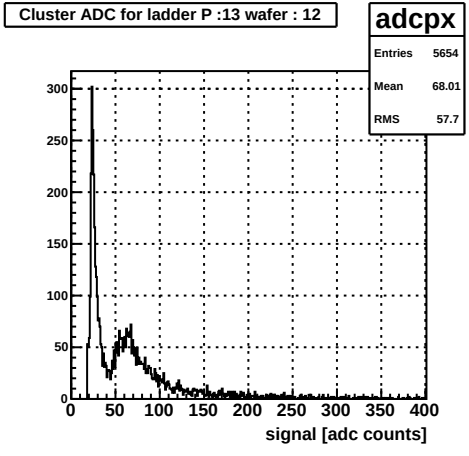

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 14195
Mean 70.4
RMS 56.28
signal [adc counts]

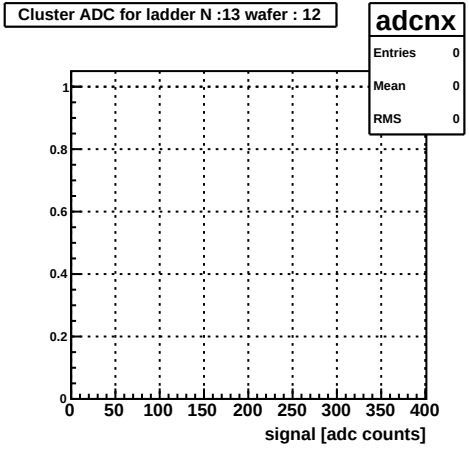

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

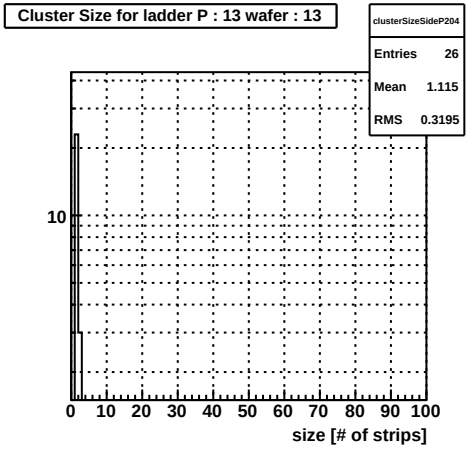

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 5654
Mean 1.135
RMS 0.4196
size [# of strips]

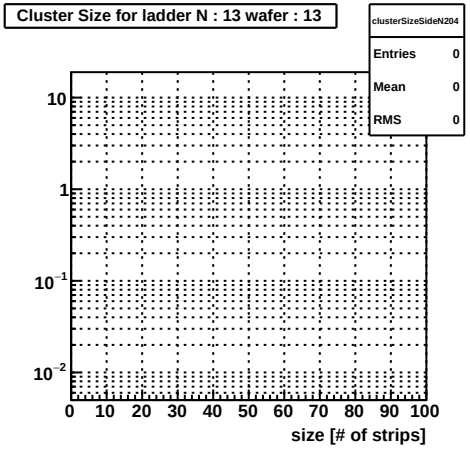

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 0
Mean 0
RMS 0
size [# of strips]

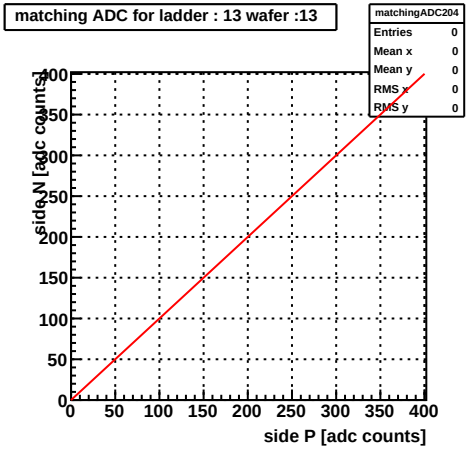

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

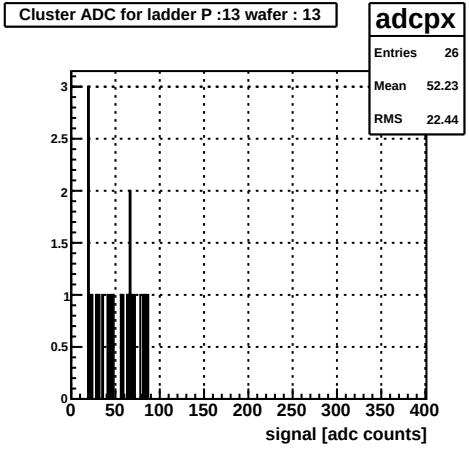

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 5654
Mean 68.01
RMS 57.7
signal [adc counts]

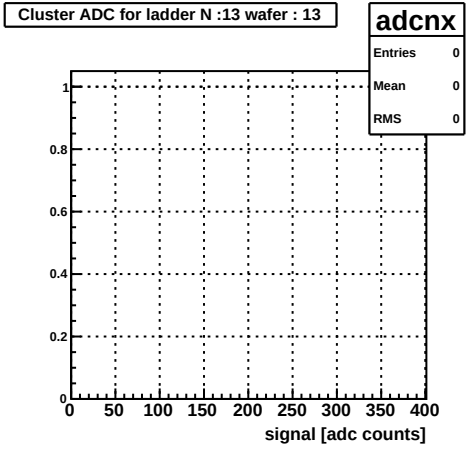

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

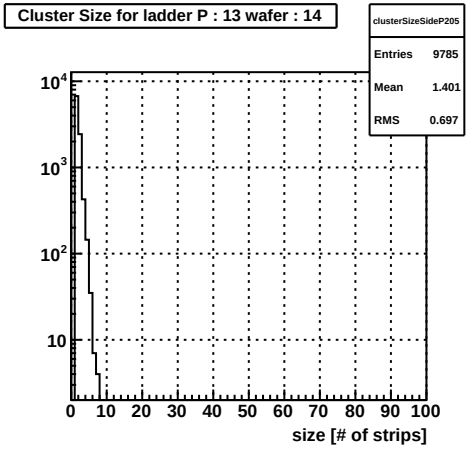

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 26
Mean 1.115
RMS 0.3195
size [# of strips]

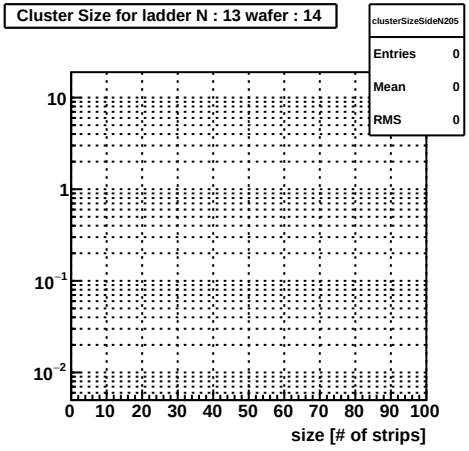

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 0
Mean 0
RMS 0
size [# of strips]

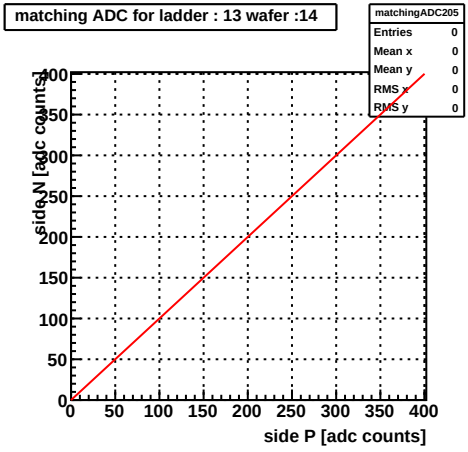

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

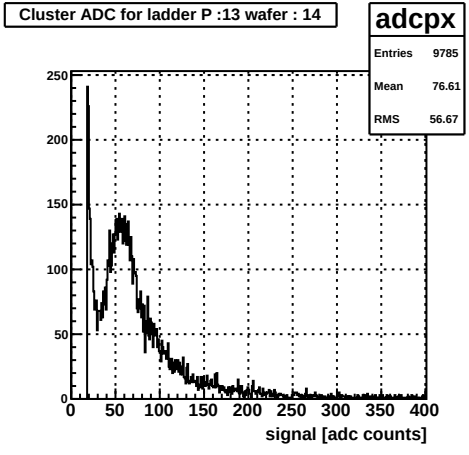

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 26
Mean 52.23
RMS 22.44
signal [adc counts]

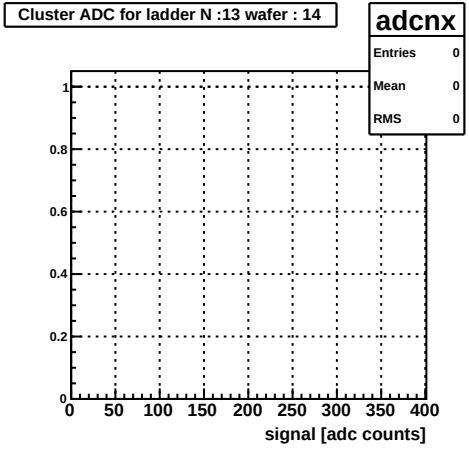

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

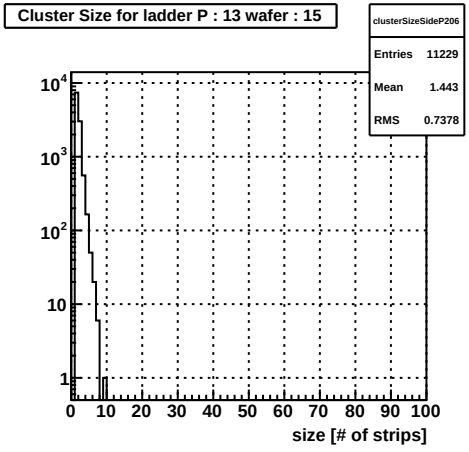

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 9785
Mean 1.401
RMS 0.697
size [# of strips]

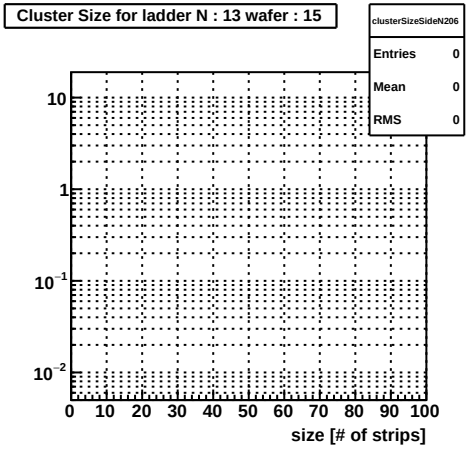

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 0
Mean 0
RMS 0
size [# of strips]

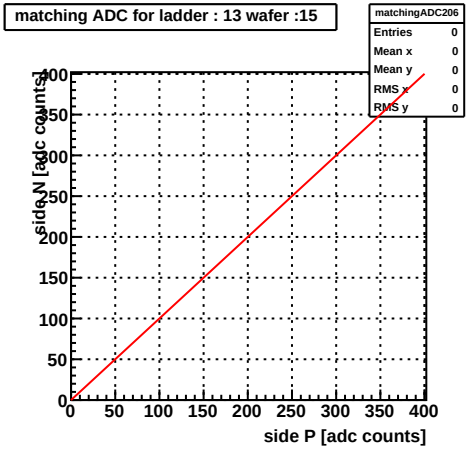

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

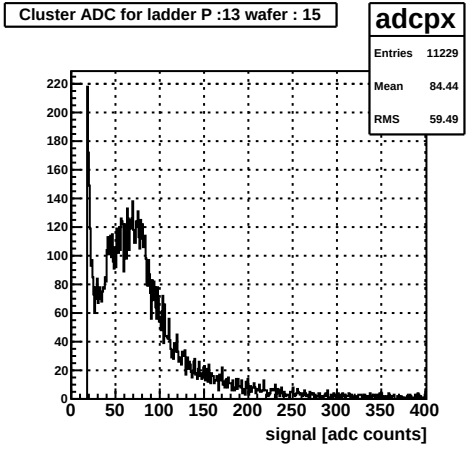

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 9785
Mean 76.61
RMS 56.67
signal [adc counts]

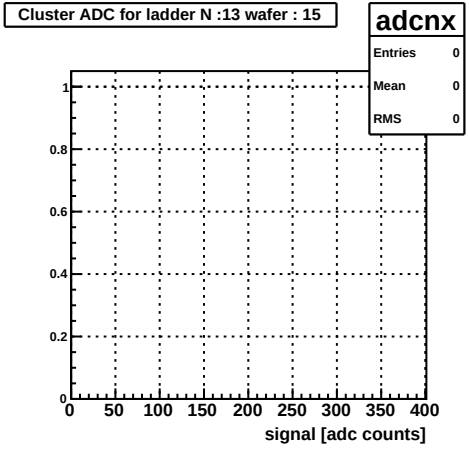

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

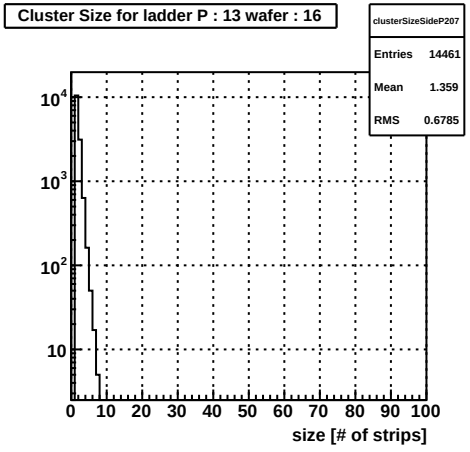

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 11229
Mean 1.443
RMS 0.7378
size [# of strips]

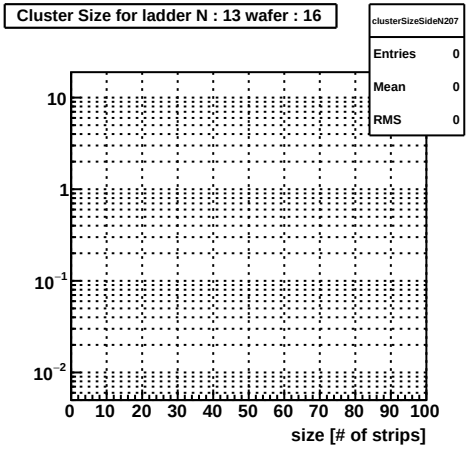

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 0
Mean 0
RMS 0
size [# of strips]

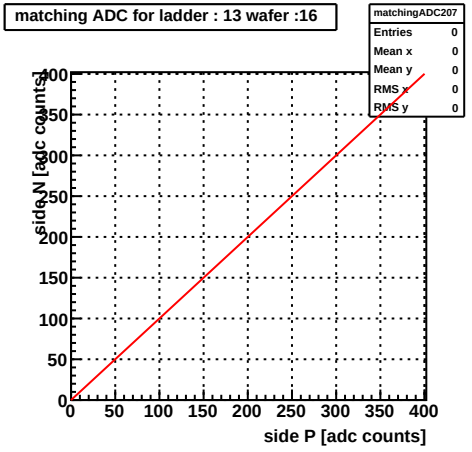

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

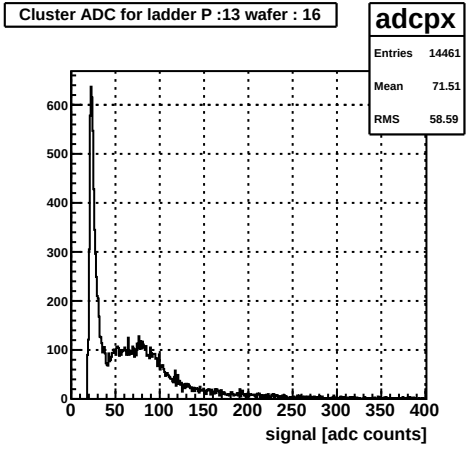

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 11229
Mean 84.44
RMS 59.49
signal [adc counts]

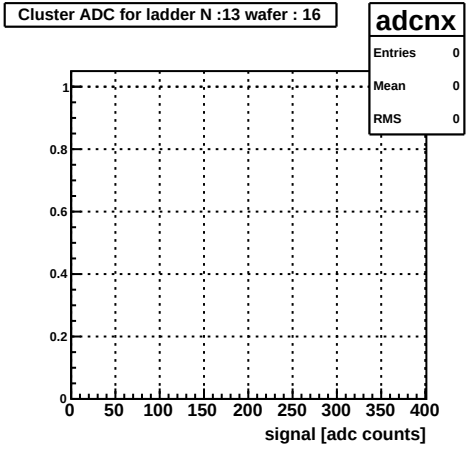

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

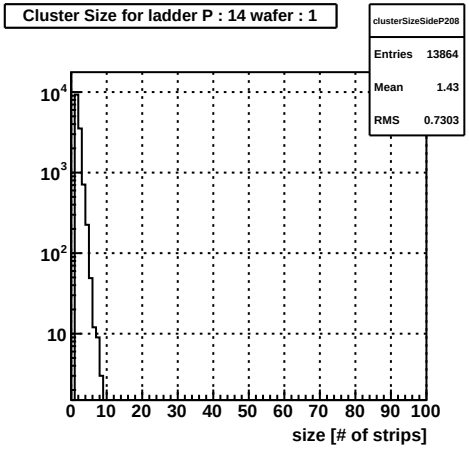

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 14461
Mean 1.359
RMS 0.6785
size [# of strips]

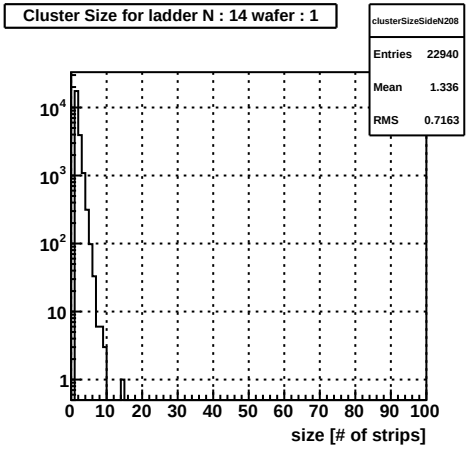

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 0
Mean 0
RMS 0
size [# of strips]

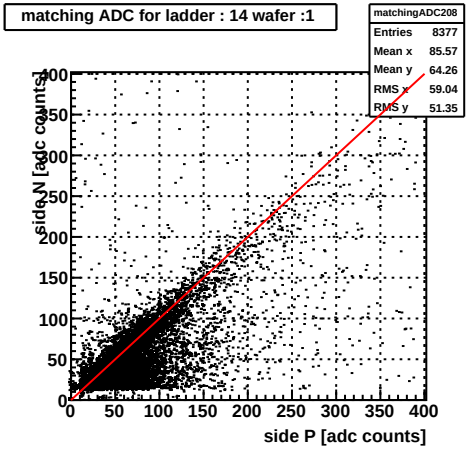

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

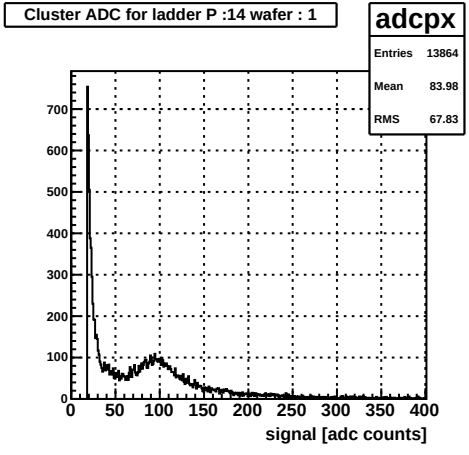

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 14461
Mean 71.51
RMS 58.59
signal [adc counts]

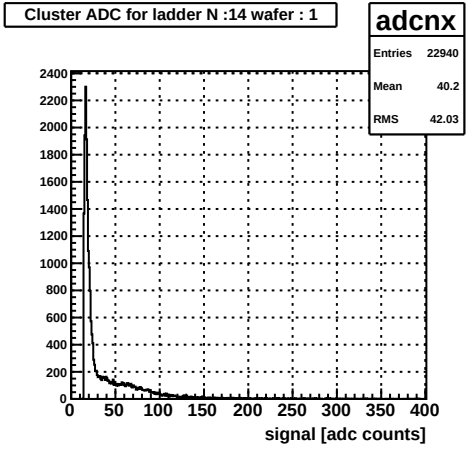

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

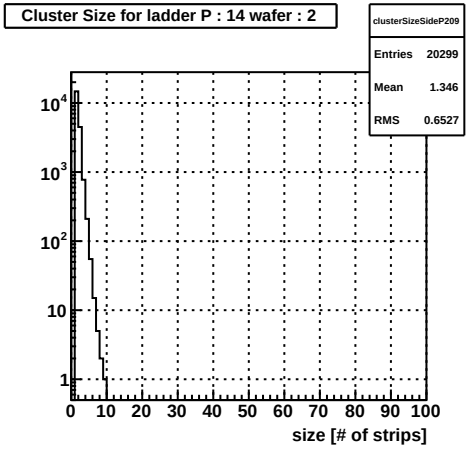

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 13864
Mean 1.43
RMS 0.7303
size [# of strips]

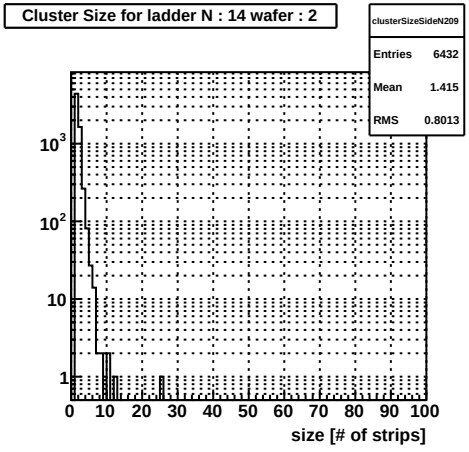

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 22940
Mean 1.336
RMS 0.7163
size [# of strips]

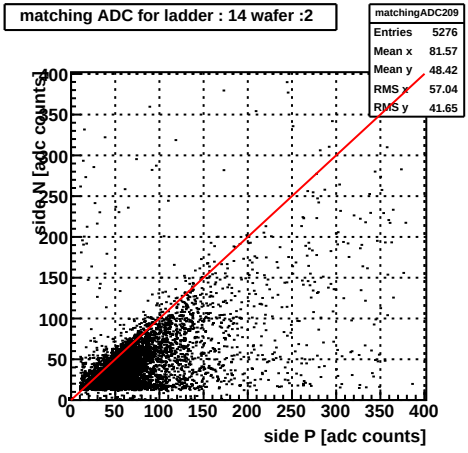

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 8377
Mean x 85.57
Mean y 64.26
RMS x 59.04
RMS y 51.35
side N [adc counts]
side P [adc counts]

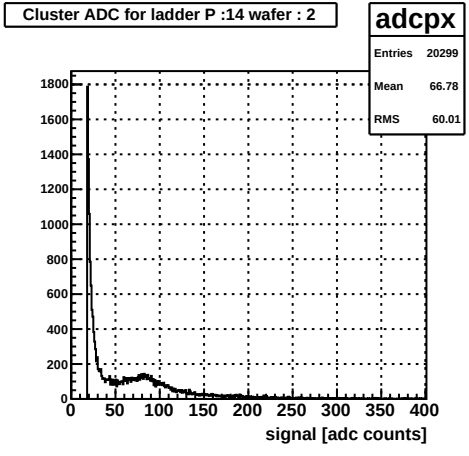

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 13864
Mean 83.98
RMS 67.83
signal [adc counts]

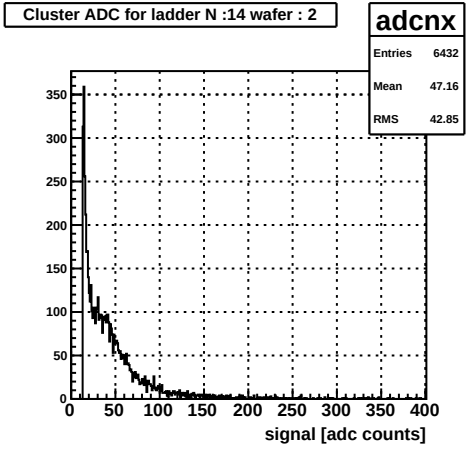

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 22940
Mean 40.2
RMS 42.03
signal [adc counts]

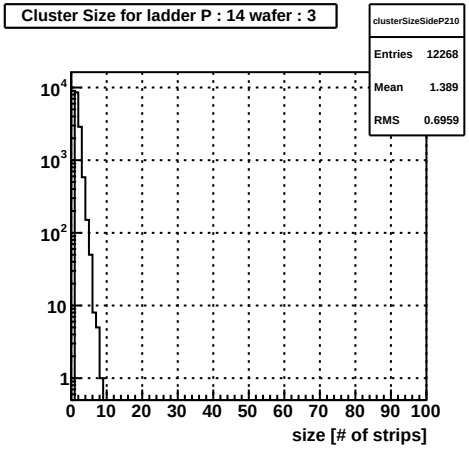

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 20299
Mean 1.346
RMS 0.6527
size [# of strips]

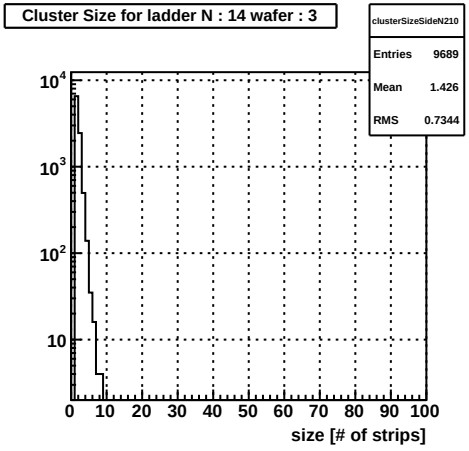

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6432
Mean 1.415
RMS 0.8013
size [# of strips]

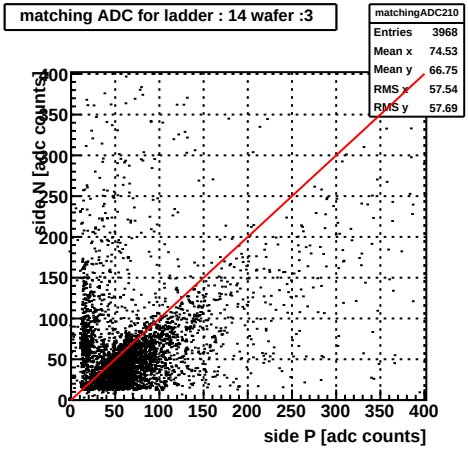

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5276
Mean x 81.57
Mean y 48.42
RMS x 57.04
RMS y 41.65
side N [adc counts]
side P [adc counts]

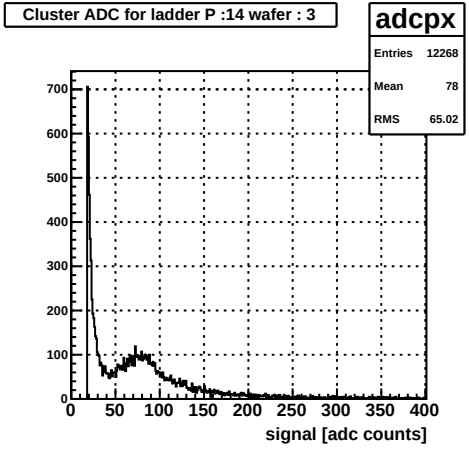

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 20299
Mean 66.78
RMS 60.01
signal [adc counts]

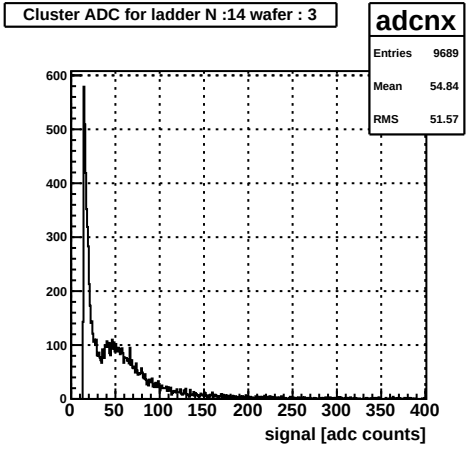

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6432
Mean 47.16
RMS 42.85
signal [adc counts]

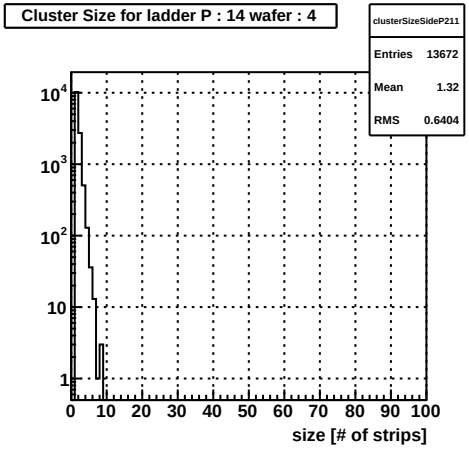

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 12268
Mean 1.389
RMS 0.6959
size [# of strips]

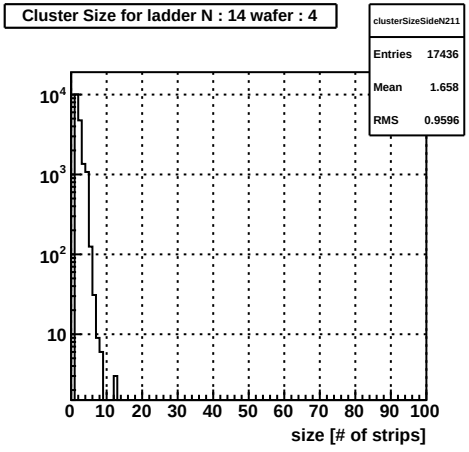

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 9689
Mean 1.426
RMS 0.7344
size [# of strips]

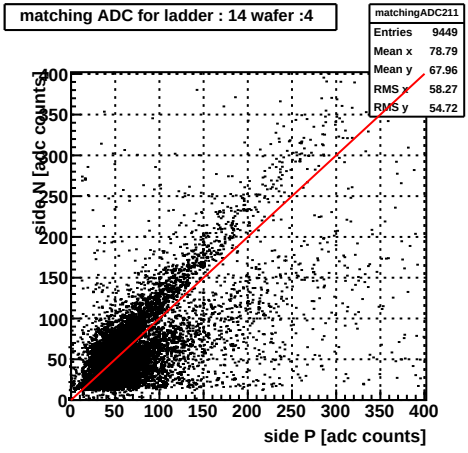

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 3968
Mean x 74.53
Mean y 66.75
RMS x 57.54
RMS y 57.69
side N [adc counts]
side P [adc counts]

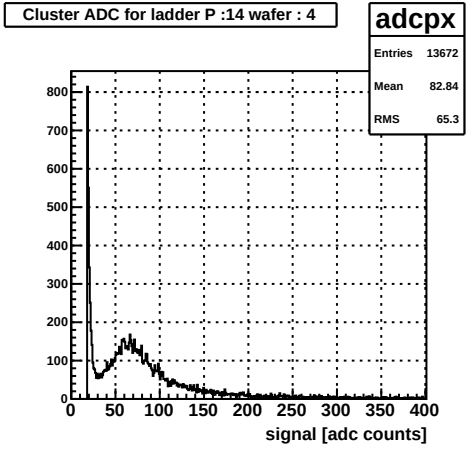

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 12268
Mean 78
RMS 65.02
signal [adc counts]

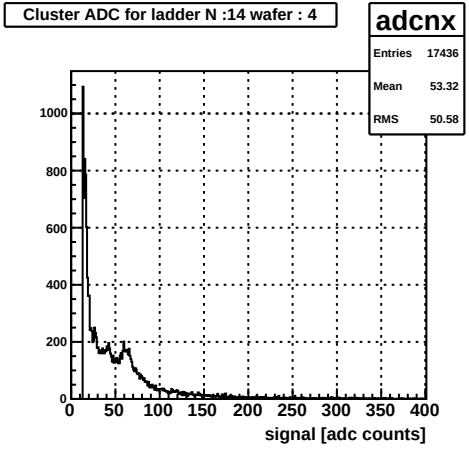

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 9689
Mean 54.84
RMS 51.57
signal [adc counts]

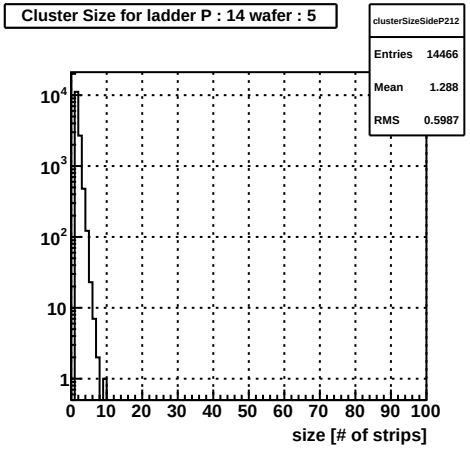

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 13672
Mean 1.32
RMS 0.6404
size [# of strips]

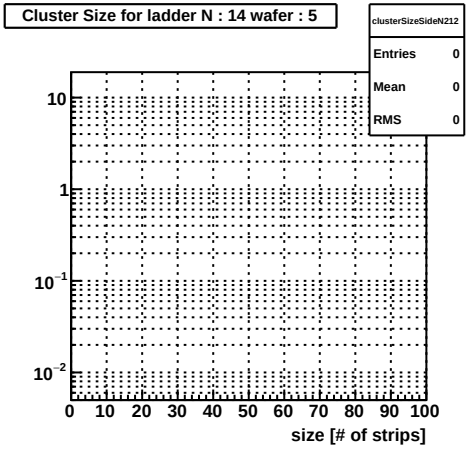

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17436
Mean 1.658
RMS 0.9596
size [# of strips]

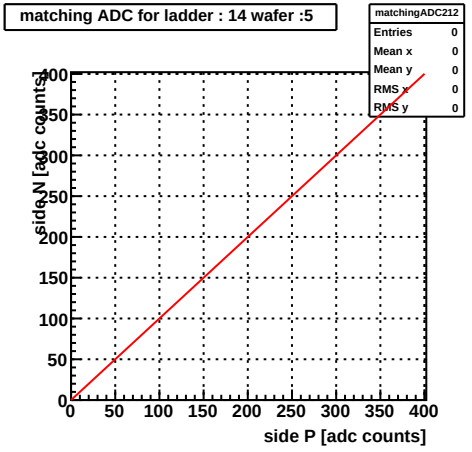

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 9449
Mean x 78.79
Mean y 67.96
RMS x 58.27
RMS y 54.72
side N [adc counts]
side P [adc counts]

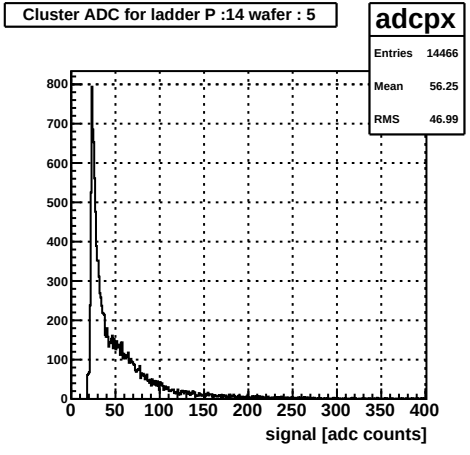

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 13672
Mean 82.84
RMS 65.3
signal [adc counts]

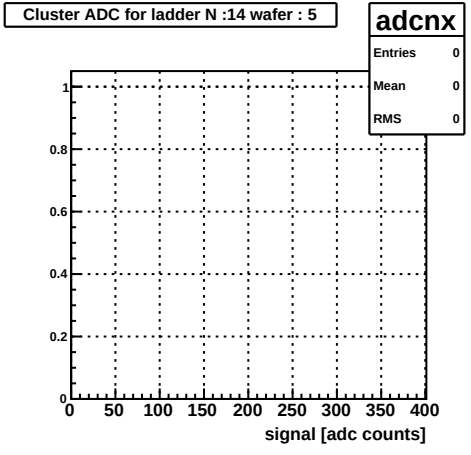

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17436
Mean 53.32
RMS 50.58
signal [adc counts]

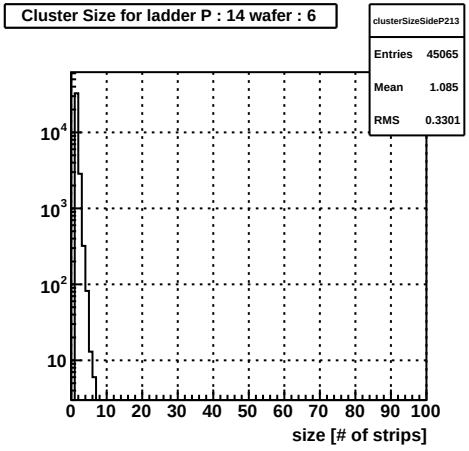

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 14466
Mean 1.288
RMS 0.5987
size [# of strips]

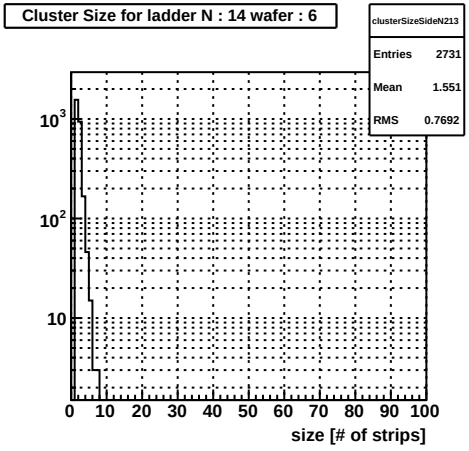

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

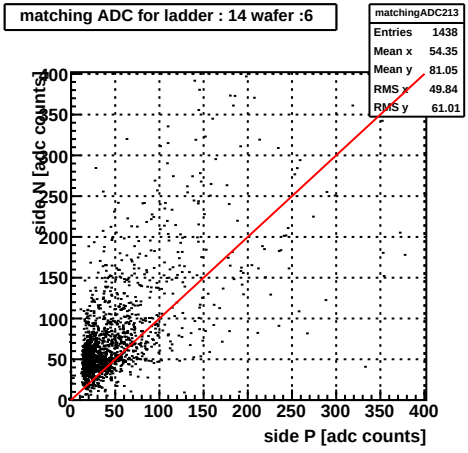

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

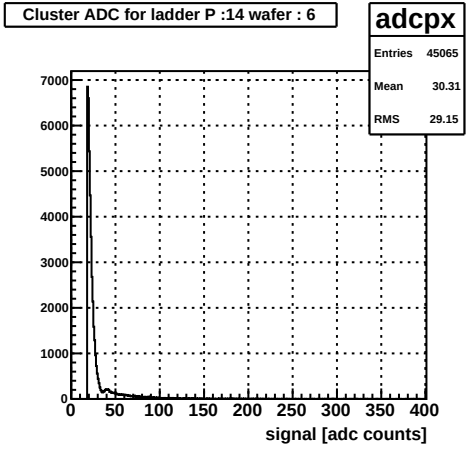

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 14466
Mean 56.25
RMS 46.99
signal [adc counts]

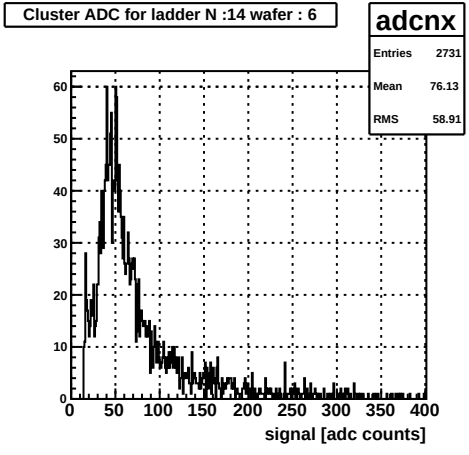

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

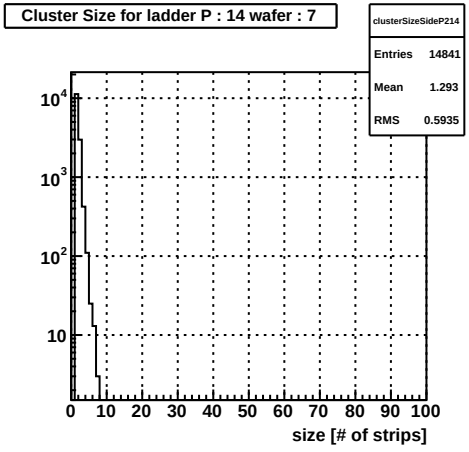

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 45065
Mean 1.085
RMS 0.3301
size [# of strips]

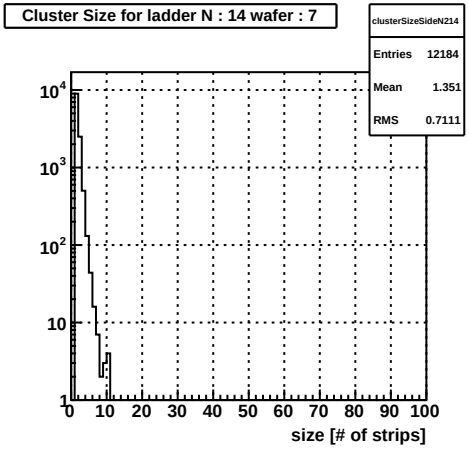

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2731
Mean 1.551
RMS 0.7692
size [# of strips]

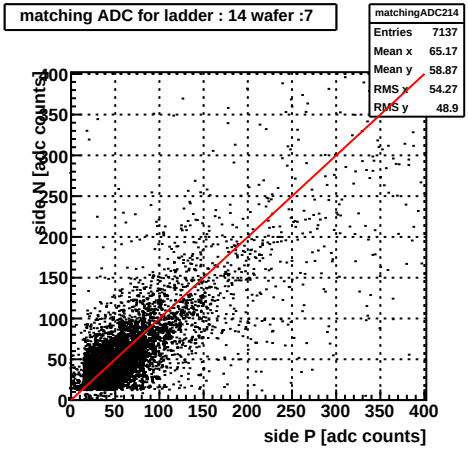

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1438
Mean x 54.35
Mean y 81.05
RMS x 49.84
RMS y 61.01
side N [adc counts]
side P [adc counts]

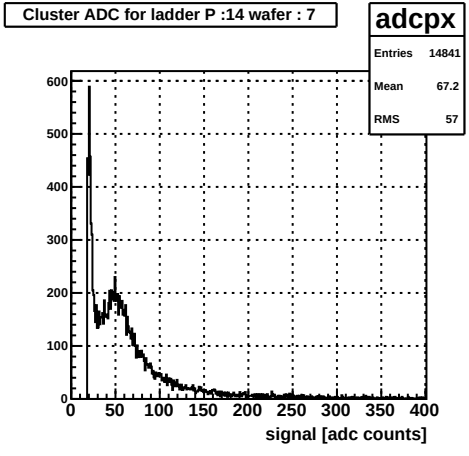

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 45065
Mean 30.31
RMS 29.15
signal [adc counts]

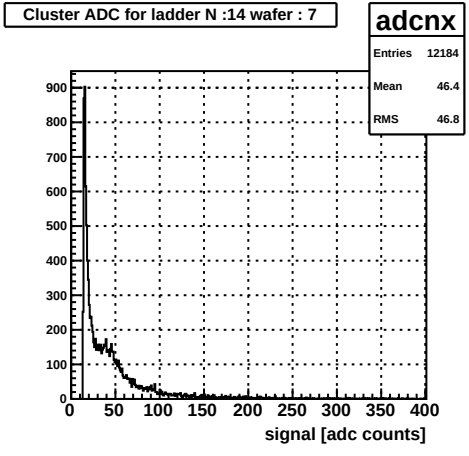

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2731
Mean 76.13
RMS 58.91
signal [adc counts]

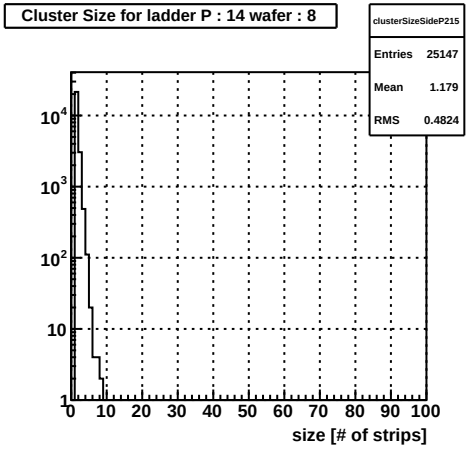

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 14841
Mean 1.293
RMS 0.5935
size [# of strips]

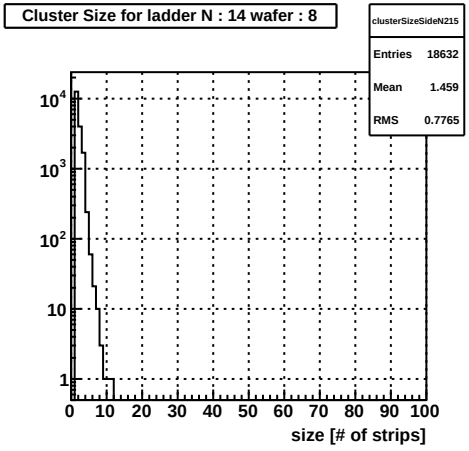

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12184
Mean 1.351
RMS 0.7111
size [# of strips]

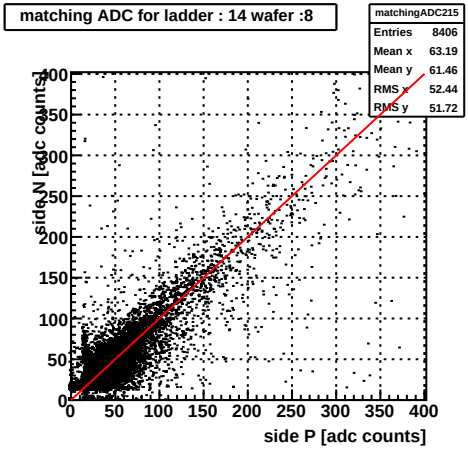

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7137
Mean x 65.17
Mean y 58.87
RMS x 54.27
RMS y 48.9
side N [adc counts]
side P [adc counts]

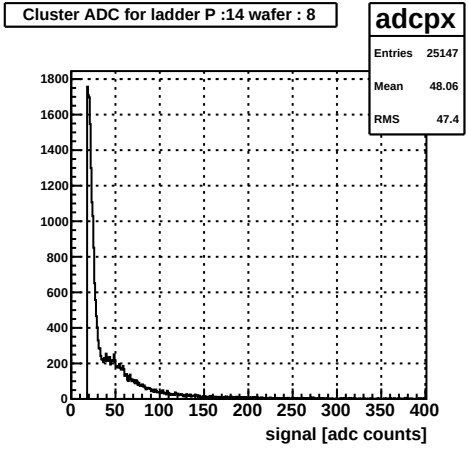

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 14841
Mean 67.2
RMS 57
signal [adc counts]

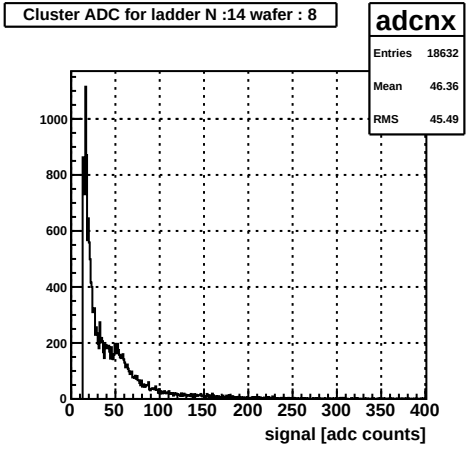

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12184
Mean 46.4
RMS 46.8
signal [adc counts]

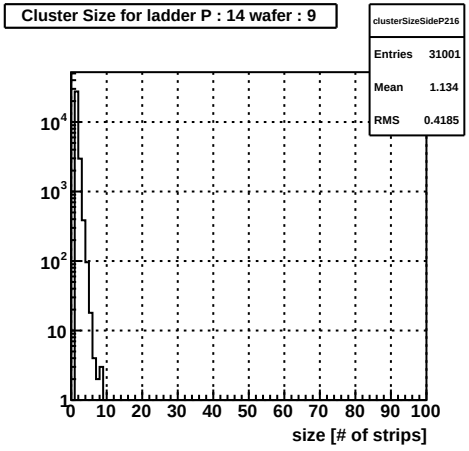

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 25147
Mean 1.179
RMS 0.4824
size [# of strips]

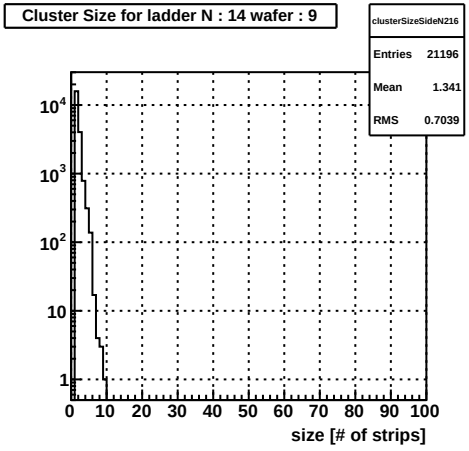

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 18632
Mean 1.459
RMS 0.7765
size [# of strips]

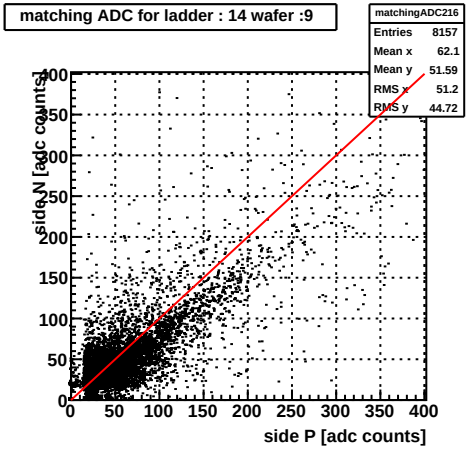

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 8406
Mean x 63.19
Mean y 61.46
RMS x 52.44
RMS y 51.72
side N [adc counts]
side P [adc counts]

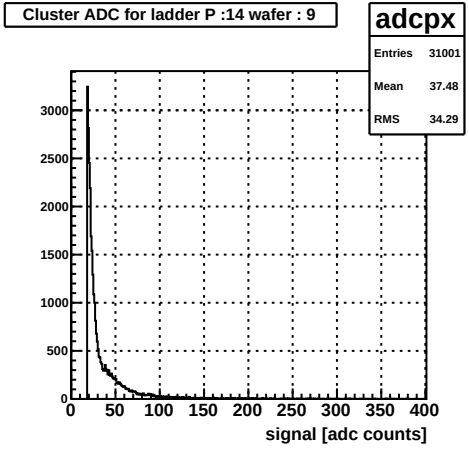

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 25147
Mean 48.06
RMS 47.4
signal [adc counts]

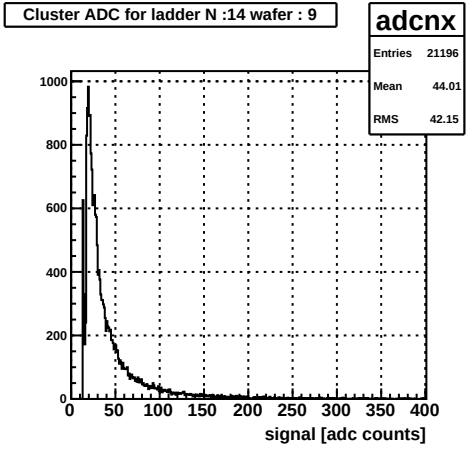

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 18632
Mean 46.36
RMS 45.49
signal [adc counts]

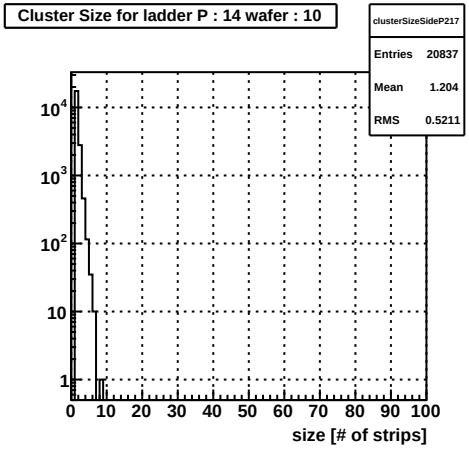

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 31001
Mean 1.134
RMS 0.4185
size [# of strips]

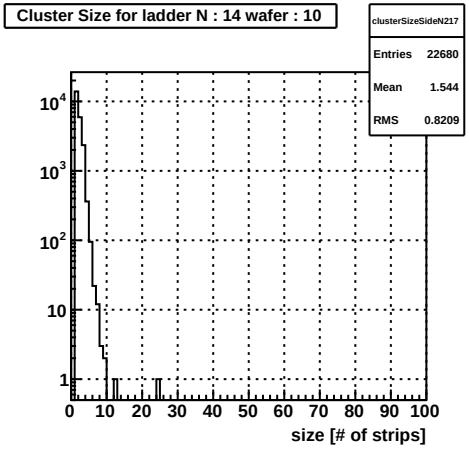

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 21196
Mean 1.341
RMS 0.7039
size [# of strips]

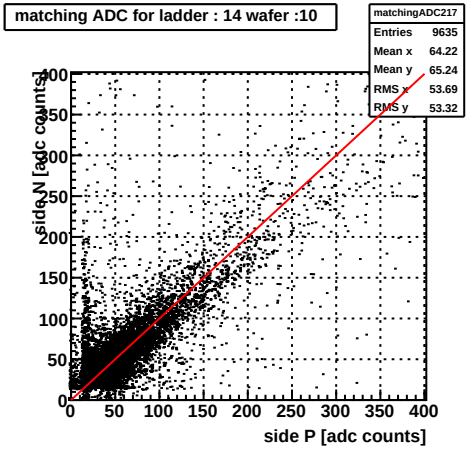

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 8157
Mean x 62.1
Mean y 51.59
RMS x 51.2
RMS y 44.72
side N [adc counts]
side P [adc counts]

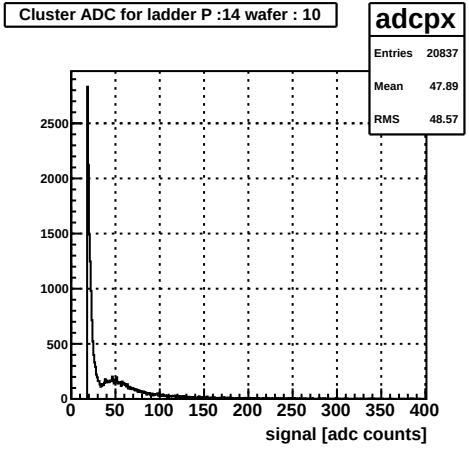

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 31001
Mean 37.48
RMS 34.29
signal [adc counts]

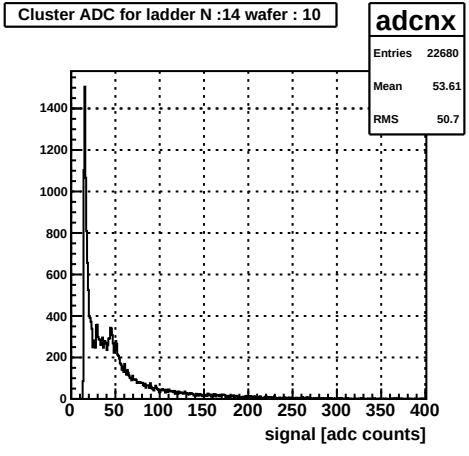

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 21196
Mean 44.01
RMS 42.15
signal [adc counts]

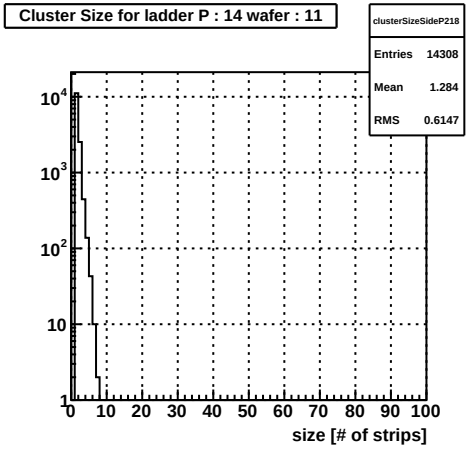

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 20837
Mean 1.204
RMS 0.5211
size [# of strips]

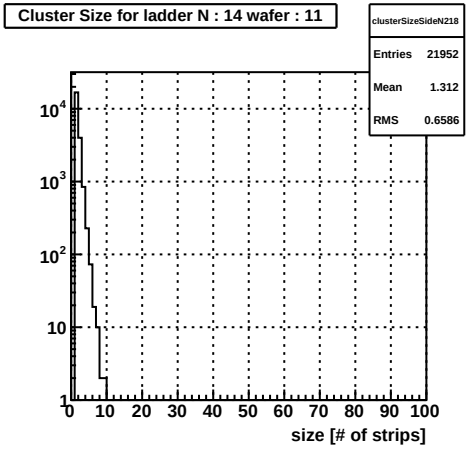

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 22680
Mean 1.544
RMS 0.8209
size [# of strips]

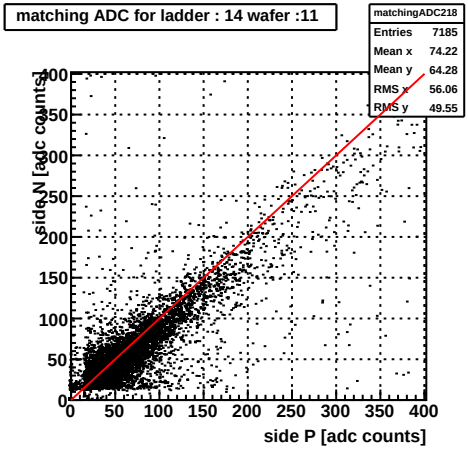

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 9635
Mean x 64.22
Mean y 65.24
RMS x 53.69
RMS y 53.32
side N [adc counts]
side P [adc counts]

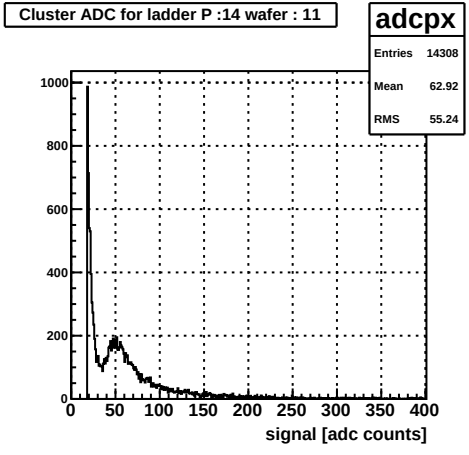

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 20837
Mean 47.89
RMS 48.57
signal [adc counts]

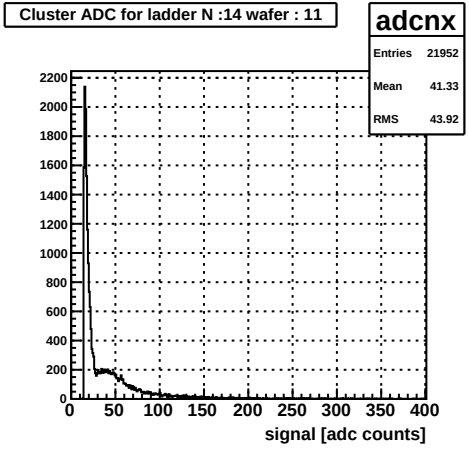

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 22680
Mean 53.61
RMS 50.7
signal [adc counts]

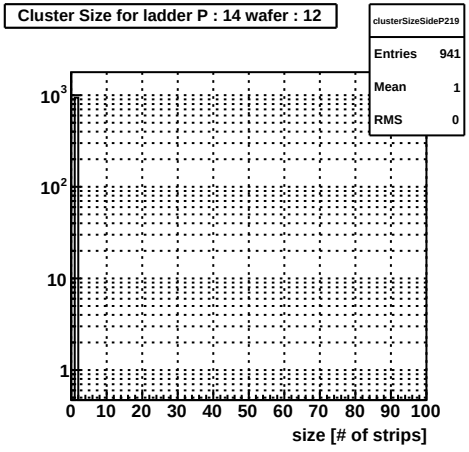

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 14308
Mean 1.284
RMS 0.6147
size [# of strips]

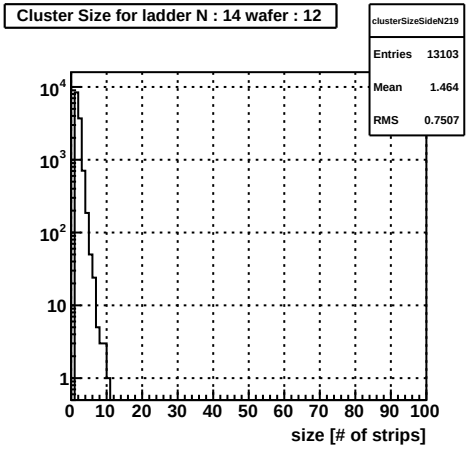

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 21952
Mean 1.312
RMS 0.6586
size [# of strips]

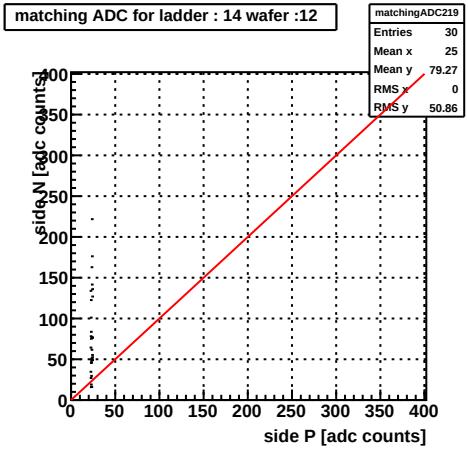

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 7185
Mean x 74.22
Mean y 64.28
RMS x 56.06
RMS y 49.55
side N [adc counts]
side P [adc counts]

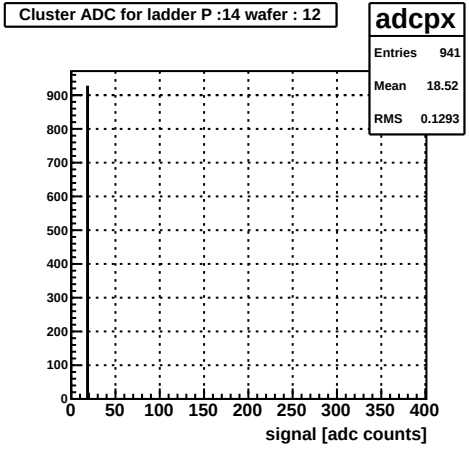

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 14308
Mean 62.92
RMS 55.24
signal [adc counts]

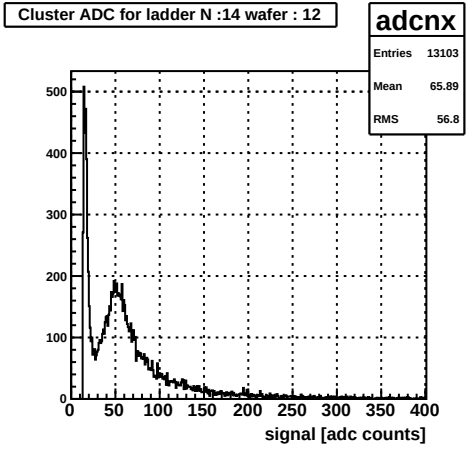

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 21952
Mean 41.33
RMS 43.92
signal [adc counts]

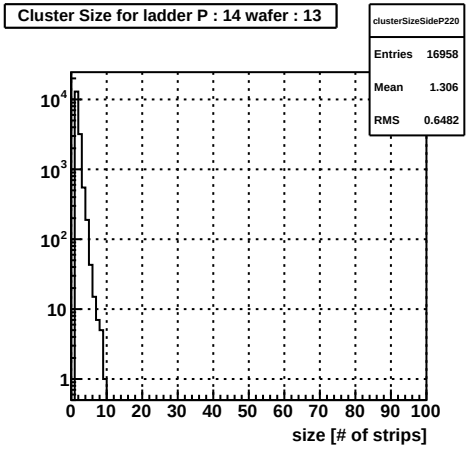

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 941
Mean 1
RMS 0
size [# of strips]

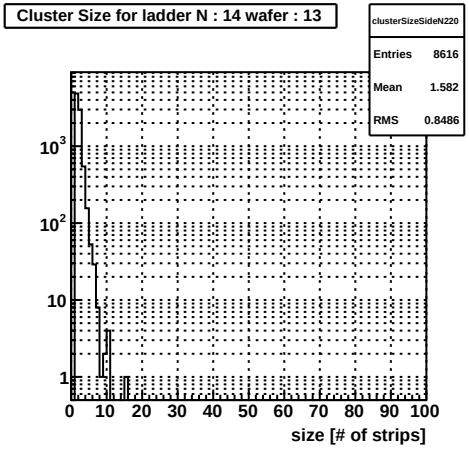

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 13103
Mean 1.464
RMS 0.7507
size [# of strips]

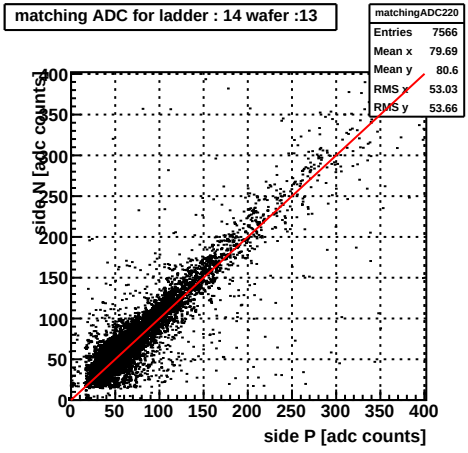

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 30
Mean x 25
Mean y 79.27
RMS x 0
RMS y 50.86
side N [adc counts]
side P [adc counts]

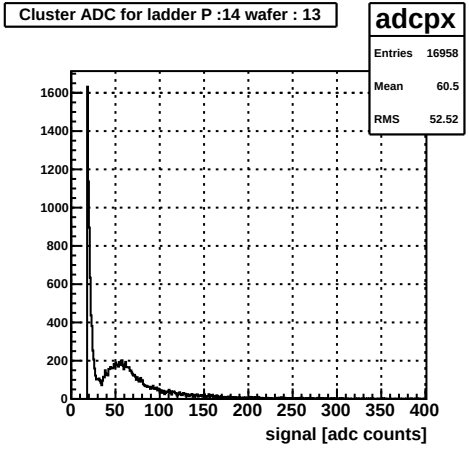

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 941
Mean 18.52
RMS 0.1293
signal [adc counts]

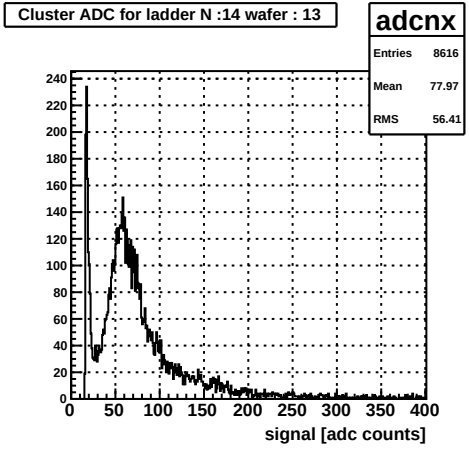

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 13103
Mean 65.89
RMS 56.8
signal [adc counts]

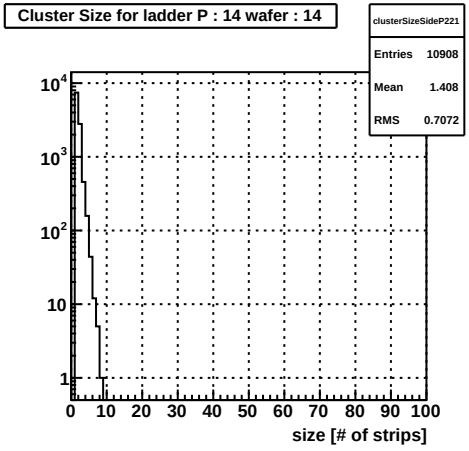

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 16958
Mean 1.306
RMS 0.6482
size [# of strips]

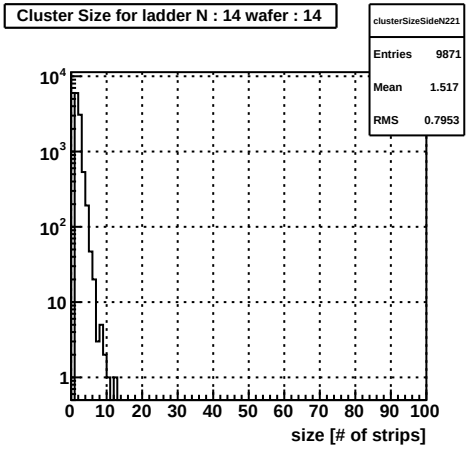

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 8616
Mean 1.582
RMS 0.8486
size [# of strips]

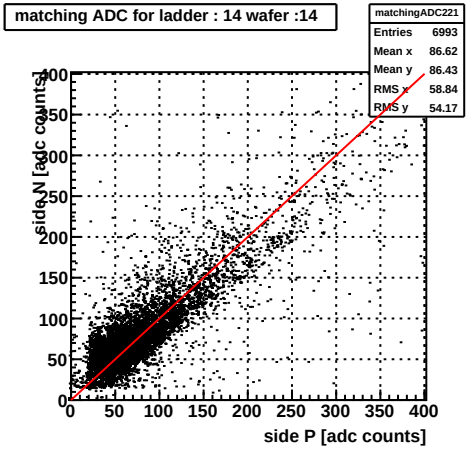

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 7566
Mean x 79.69
Mean y 80.6
RMS x 53.03
RMS y 53.66
side N [adc counts]
side P [adc counts]

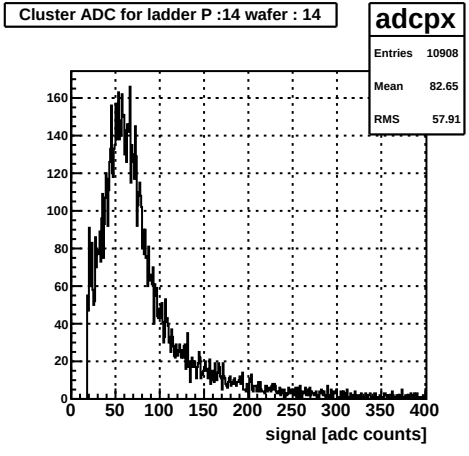

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 16958
Mean 60.5
RMS 52.52
signal [adc counts]

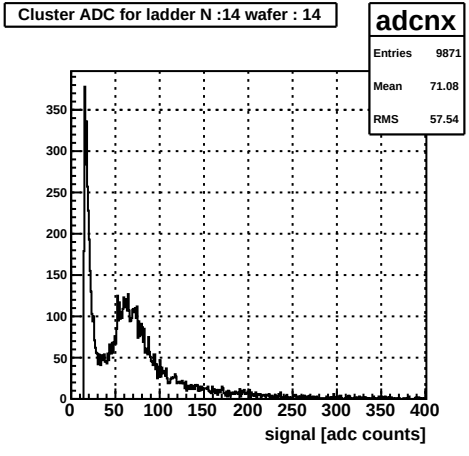

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 8616
Mean 77.97
RMS 56.41
signal [adc counts]

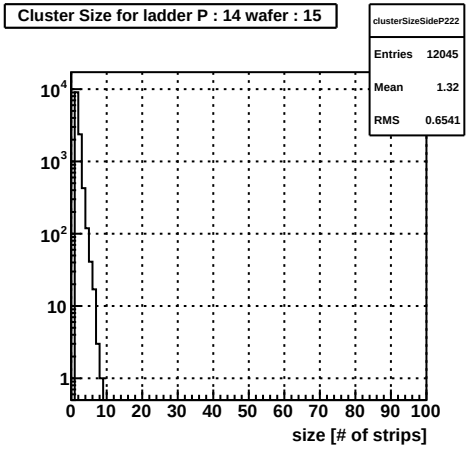

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 10908
Mean 1.408
RMS 0.7072
size [# of strips]

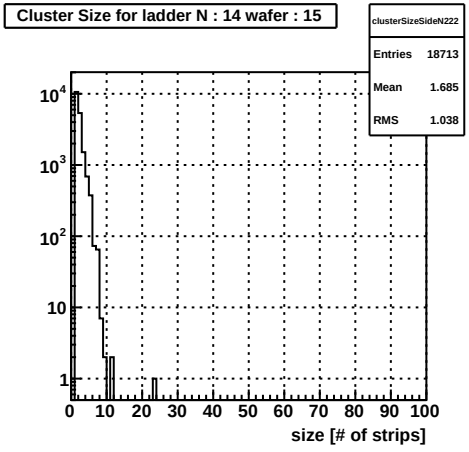

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 9871
Mean 1.517
RMS 0.7953
size [# of strips]

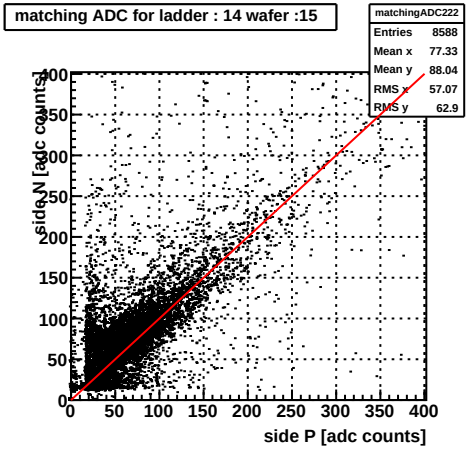

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 6993
Mean x 86.62
Mean y 86.43
RMS x 58.84
RMS y 54.17
side N [adc counts]
side P [adc counts]

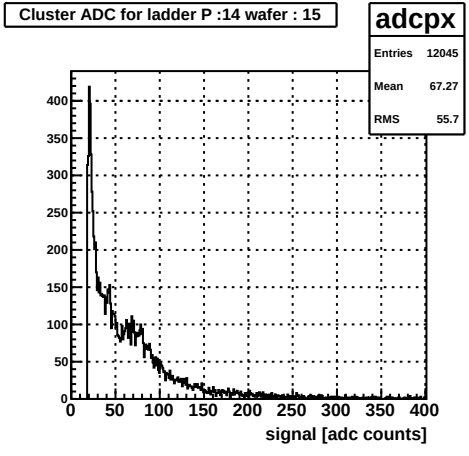

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 10908
Mean 82.65
RMS 57.91
signal [adc counts]

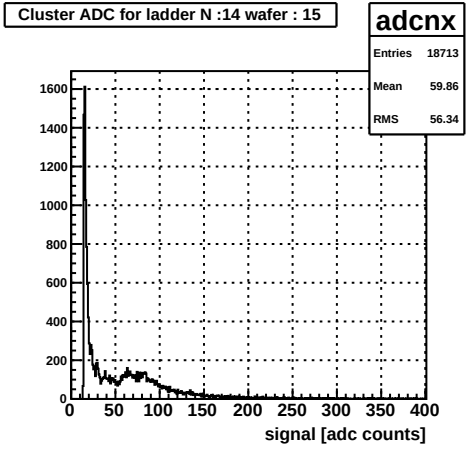

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 9871
Mean 71.08
RMS 57.54
signal [adc counts]

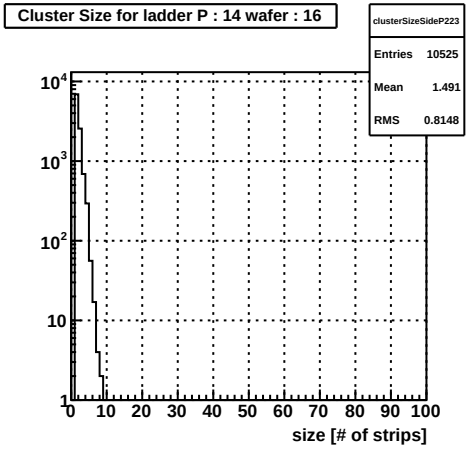

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 12045
Mean 1.32
RMS 0.6541
size [# of strips]

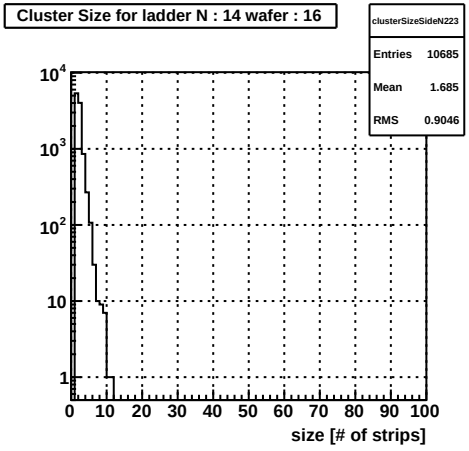

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 18713
Mean 1.685
RMS 1.038
size [# of strips]

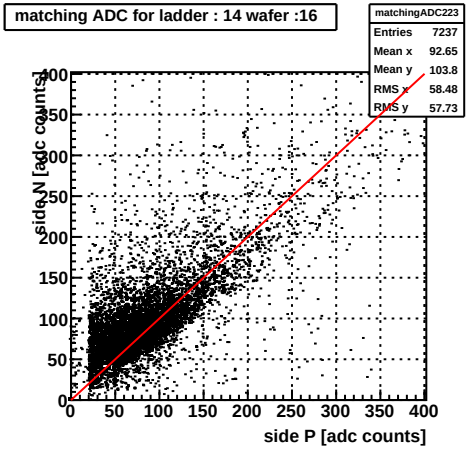

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 8588
Mean x 77.33
Mean y 88.04
RMS x 57.07
RMS y 62.9
side N [adc counts]
side P [adc counts]

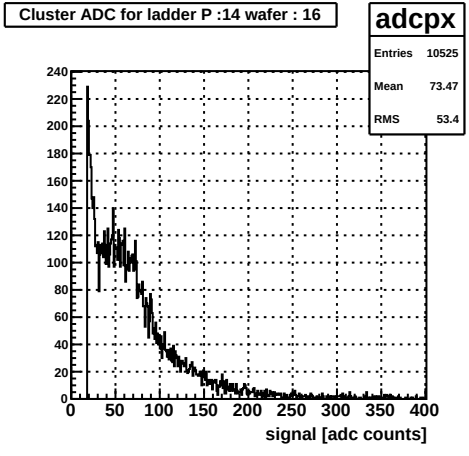

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 12045
Mean 67.27
RMS 55.7
signal [adc counts]

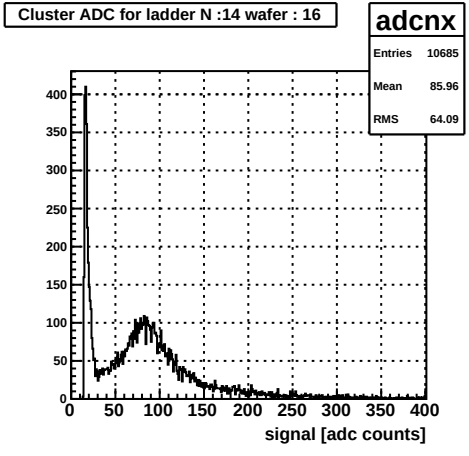

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 18713
Mean 59.86
RMS 56.34
signal [adc counts]

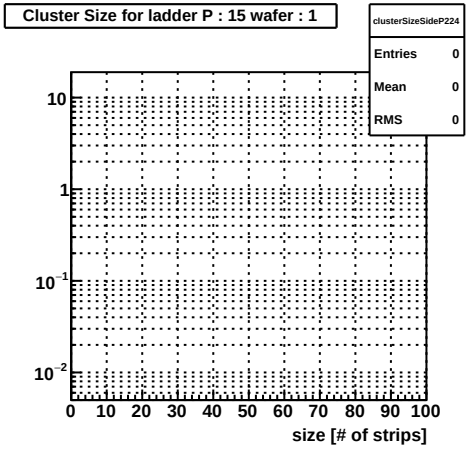

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 10525
Mean 1.491
RMS 0.8148
size [# of strips]

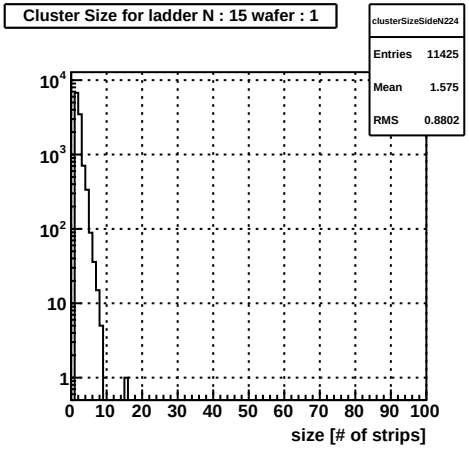

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 10685
Mean 1.685
RMS 0.9046
size [# of strips]

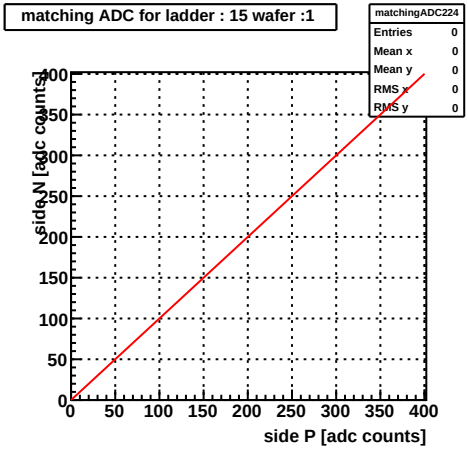

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 7237
Mean x 92.65
Mean y 103.8
RMS x 58.48
RMS y 57.73
side N [adc counts]
side P [adc counts]

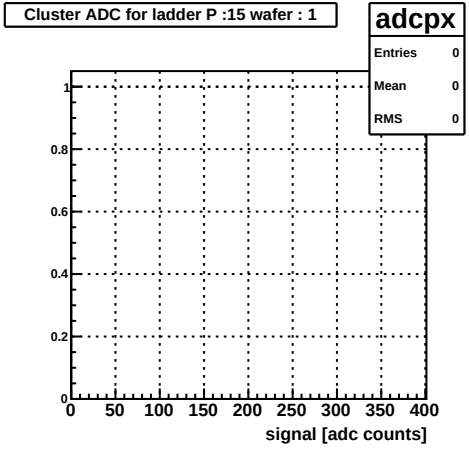

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 10525
Mean 73.47
RMS 53.4
signal [adc counts]

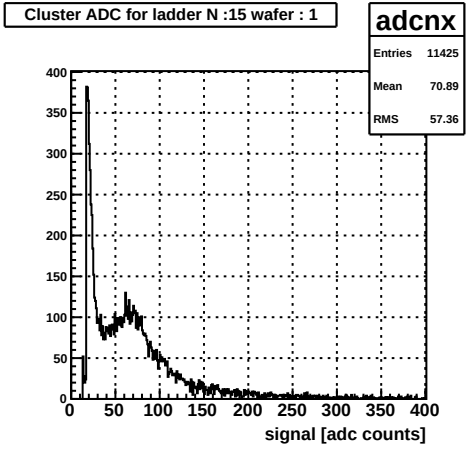

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 10685
Mean 85.96
RMS 64.09
signal [adc counts]

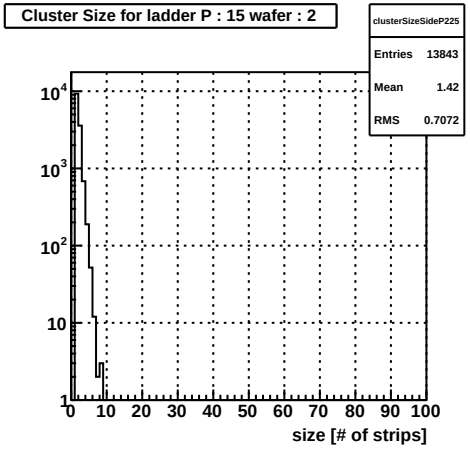

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

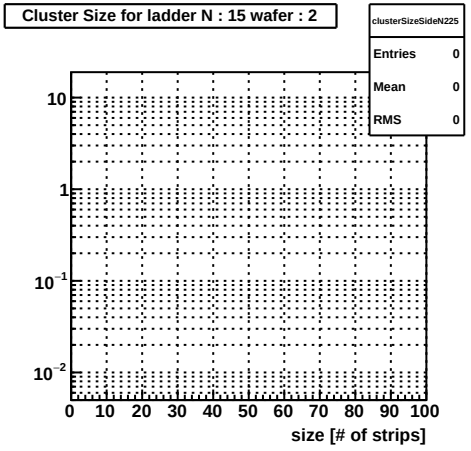

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 11425
Mean 1.575
RMS 0.8802
size [# of strips]

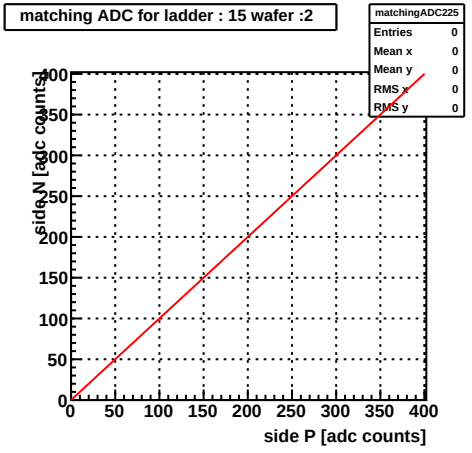

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

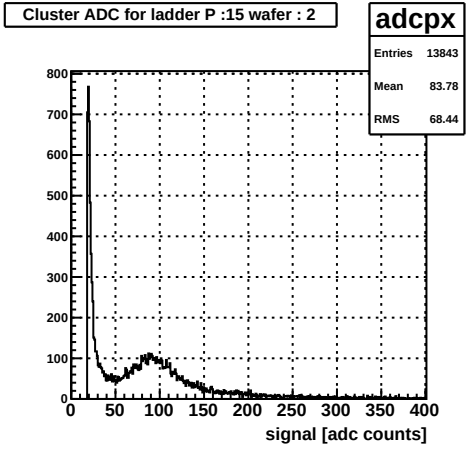

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

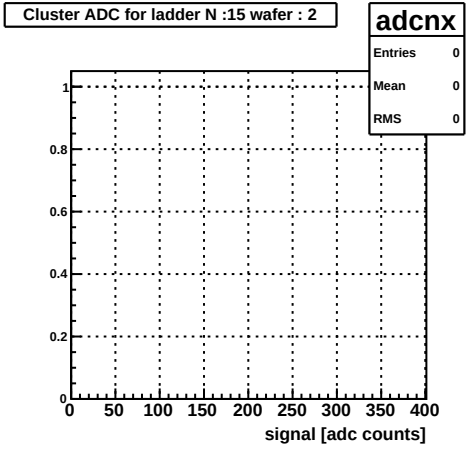

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 11425
Mean 70.89
RMS 57.36
signal [adc counts]

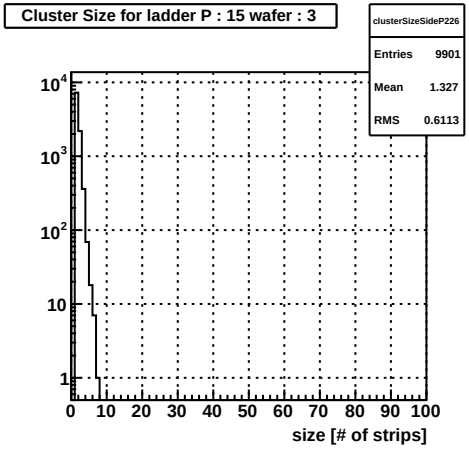

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 13843
Mean 1.42
RMS 0.7072
size [# of strips]

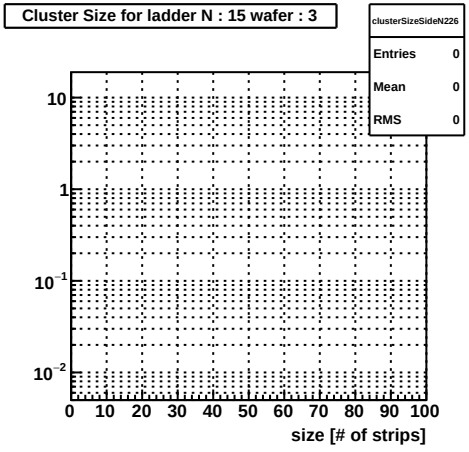

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

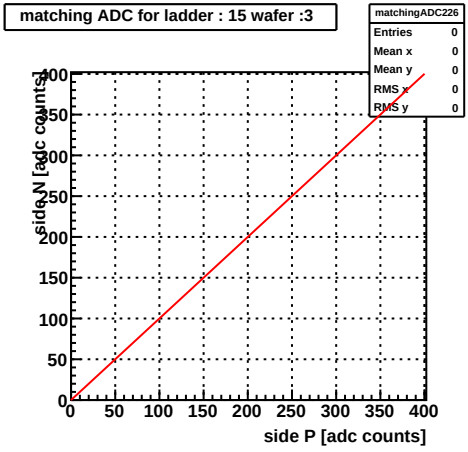

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

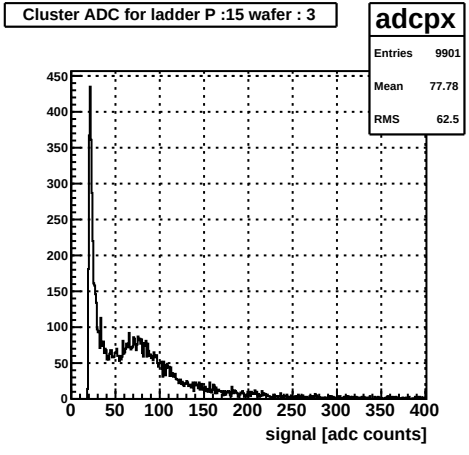

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 13843
Mean 83.78
RMS 68.44
signal [adc counts]

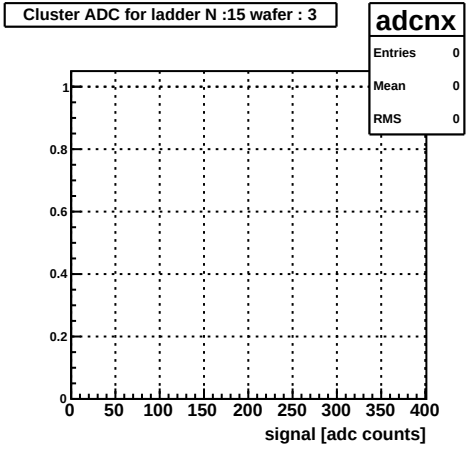

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

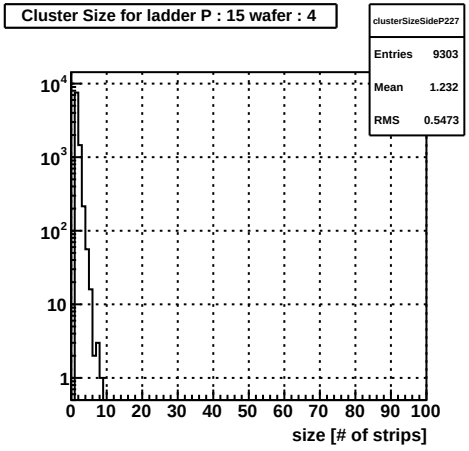

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 9901
Mean 1.327
RMS 0.6113
size [# of strips]

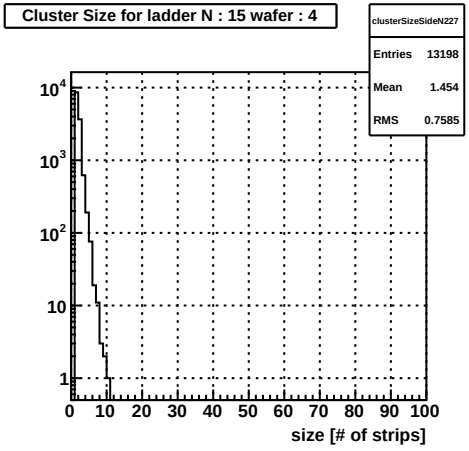

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

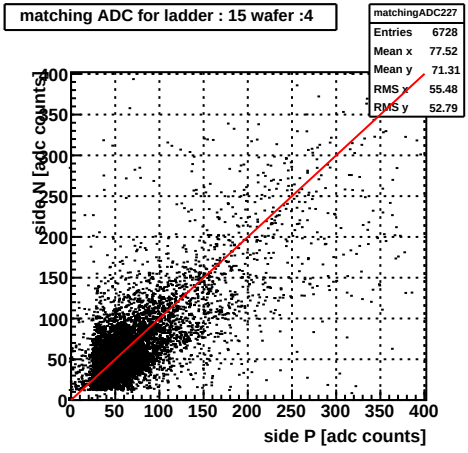

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

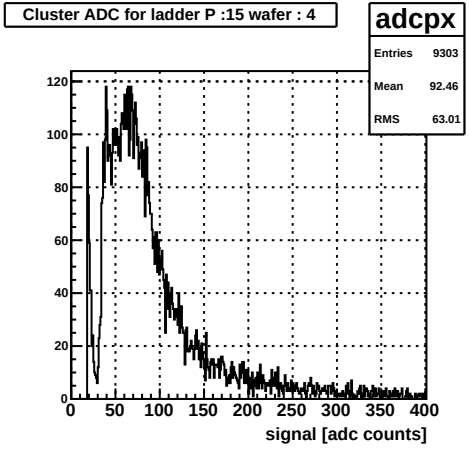

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 9901
Mean 77.78
RMS 62.5
signal [adc counts]

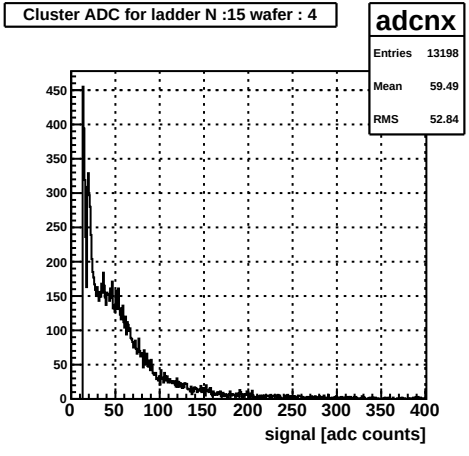

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

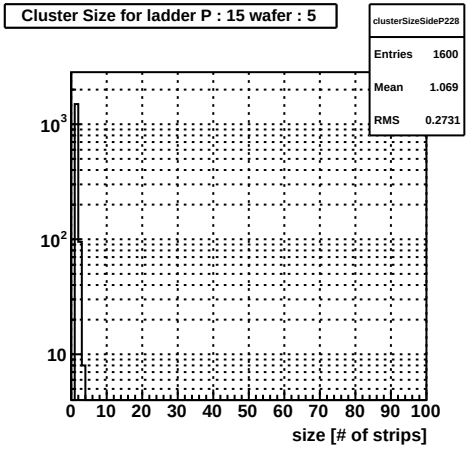

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 9303
Mean 1.232
RMS 0.5473
size [# of strips]

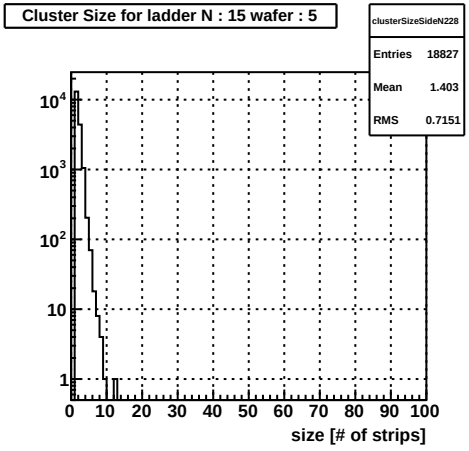

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 13198
Mean 1.454
RMS 0.7585
size [# of strips]

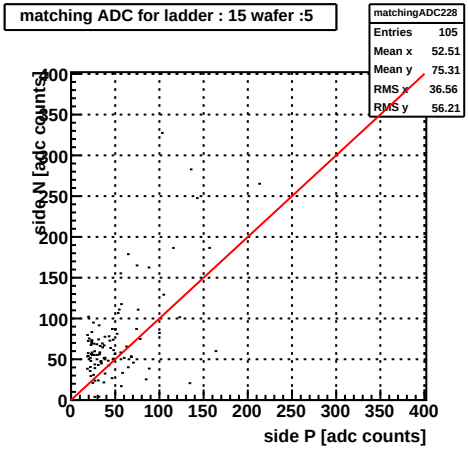

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6728
Mean x 77.52
Mean y 71.31
RMS x 55.48
RMS y 52.79
side N [adc counts]
side P [adc counts]

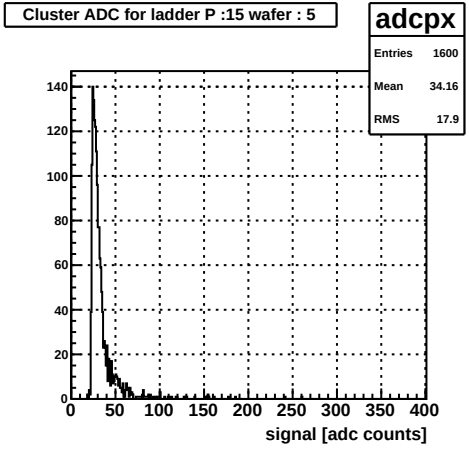

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 9303
Mean 92.46
RMS 63.01
signal [adc counts]

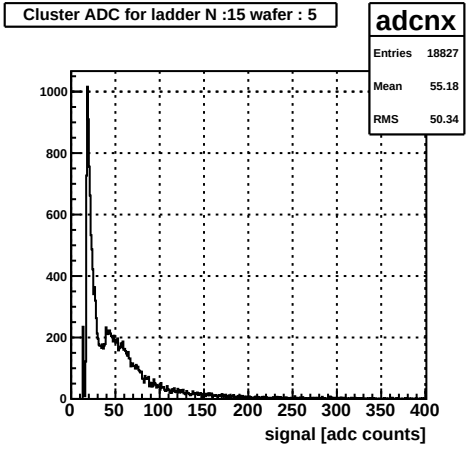

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 13198
Mean 59.49
RMS 52.84
signal [adc counts]

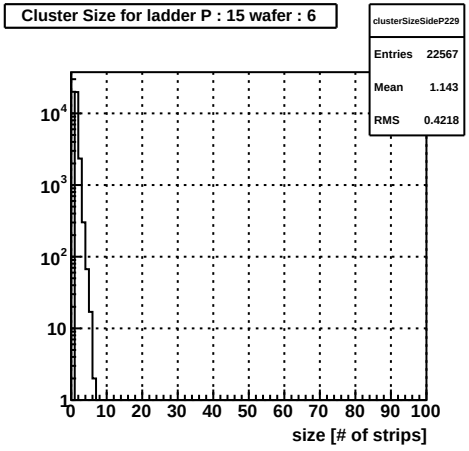

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1600
Mean 1.069
RMS 0.2731
size [# of strips]

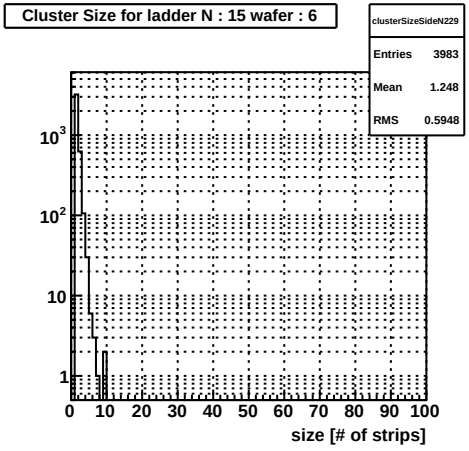

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 18827
Mean 1.403
RMS 0.7151
size [# of strips]

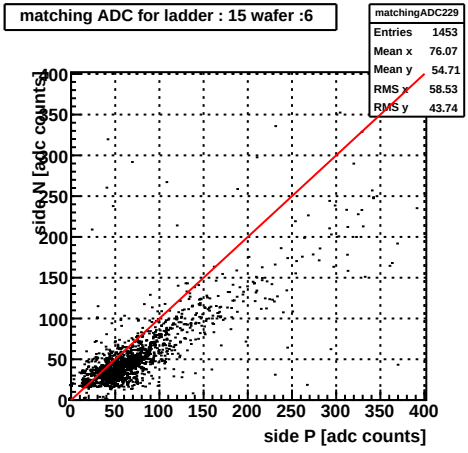

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 105
Mean x 52.51
Mean y 75.31
RMS x 36.56
RMS y 56.21
side N [adc counts]
side P [adc counts]

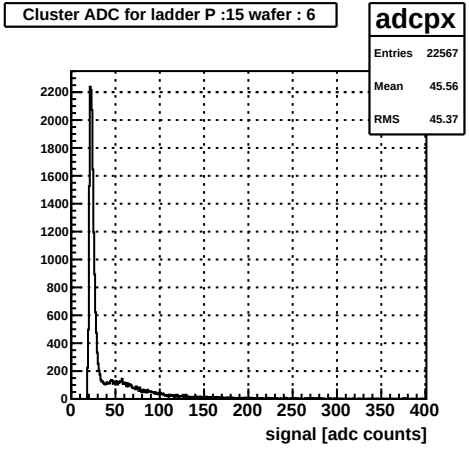

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1600
Mean 34.16
RMS 17.9
signal [adc counts]

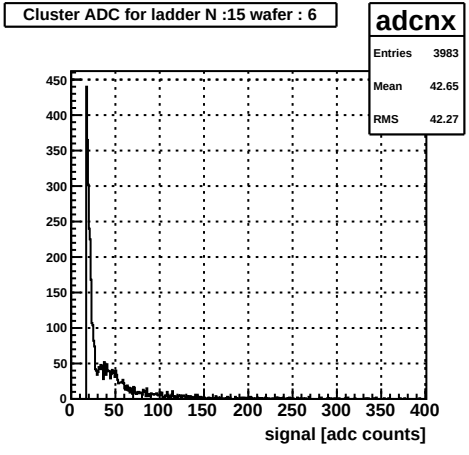

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 18827
Mean 55.18
RMS 50.34
signal [adc counts]

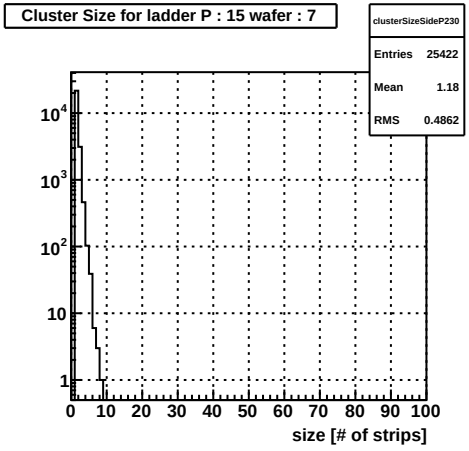

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 22567
Mean 1.143
RMS 0.4218
size [# of strips]

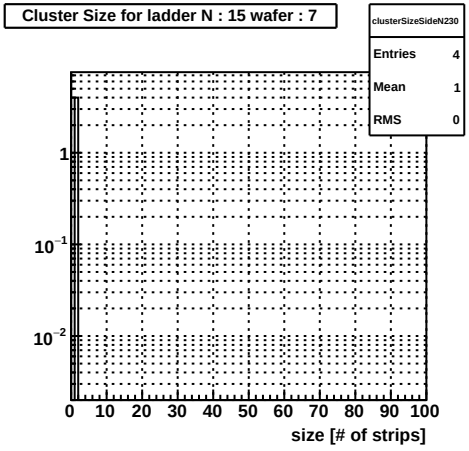

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 3983
Mean 1.248
RMS 0.5948
size [# of strips]

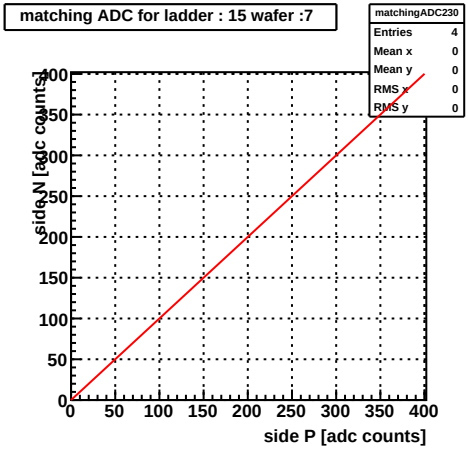

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1453
Mean x 76.07
Mean y 54.71
RMS x 58.53
RMS y 43.74
side N [adc counts]
side P [adc counts]

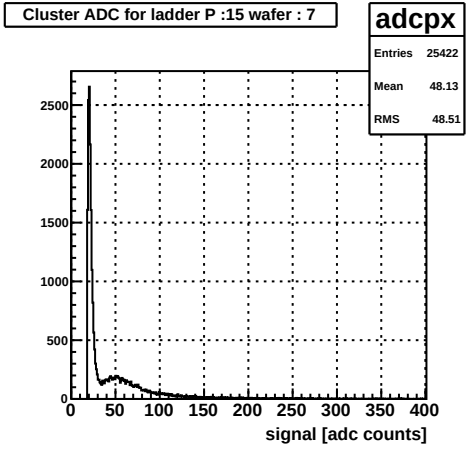

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 22567
Mean 45.56
RMS 45.37
signal [adc counts]

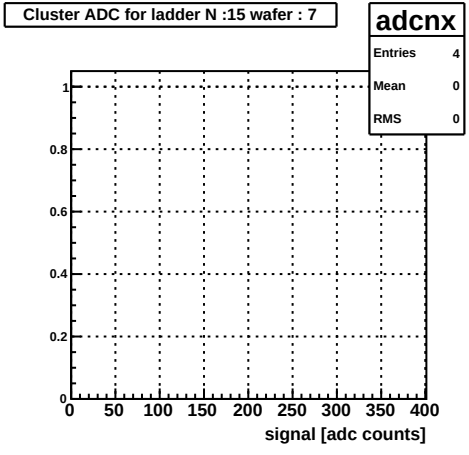

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 3983
Mean 42.65
RMS 42.27
signal [adc counts]

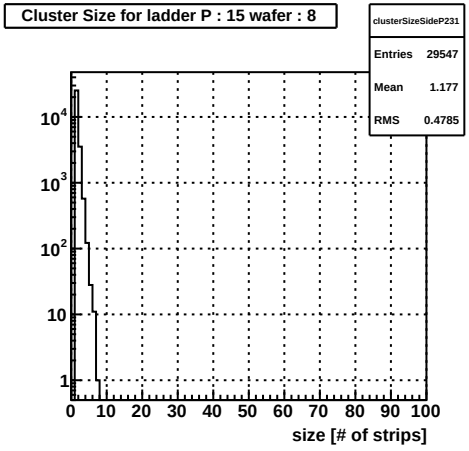

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 25422
Mean 1.18
RMS 0.4862
size [# of strips]

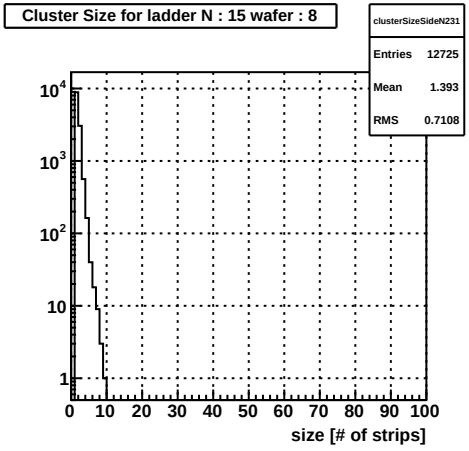

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 4
Mean 1
RMS 0
size [# of strips]

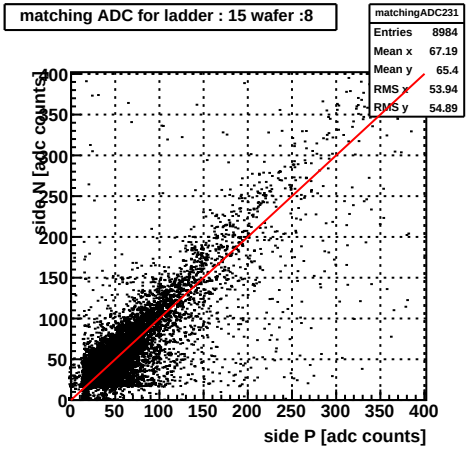

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

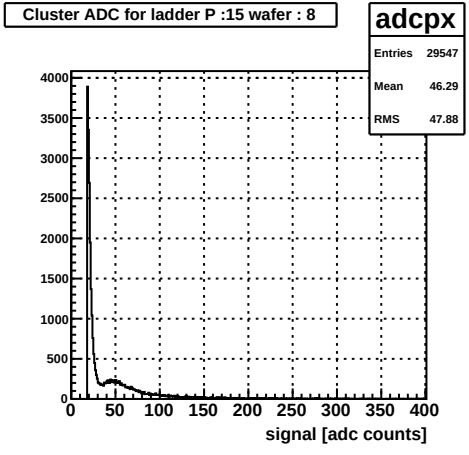

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 25422
Mean 48.13
RMS 48.51
signal [adc counts]

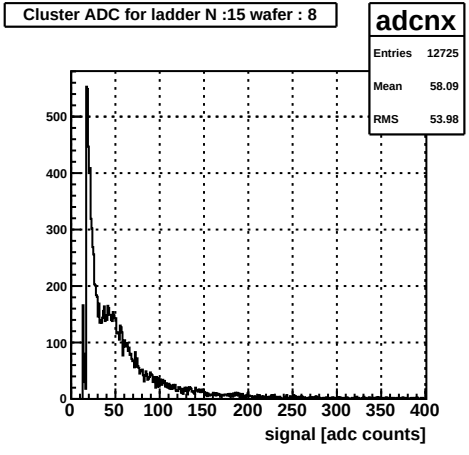

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

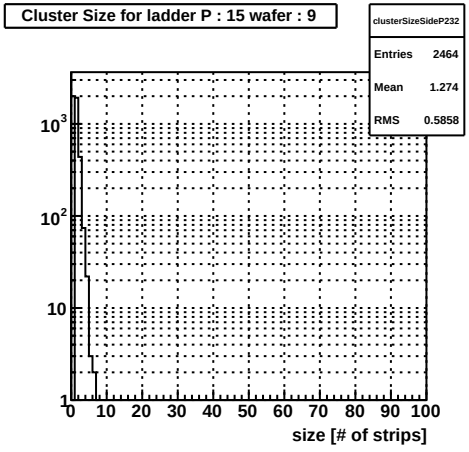

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 29547
Mean 1.177
RMS 0.4785
size [# of strips]

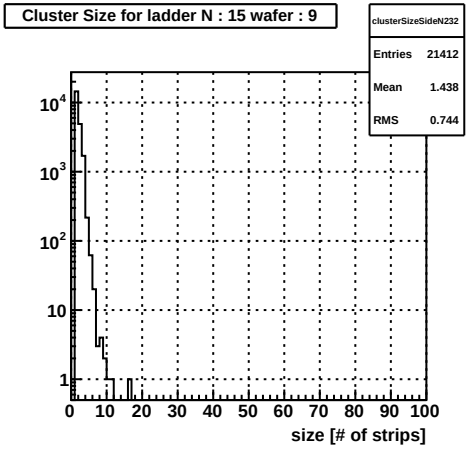

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 12725
Mean 1.393
RMS 0.7108
size [# of strips]

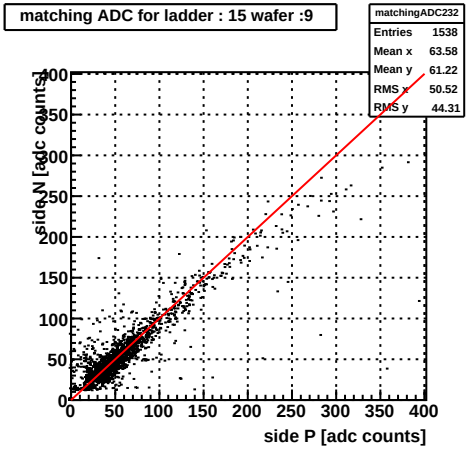

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8984
Mean x 67.19
Mean y 65.4
RMS x 53.94
RMS y 54.89
side N [adc counts]
side P [adc counts]

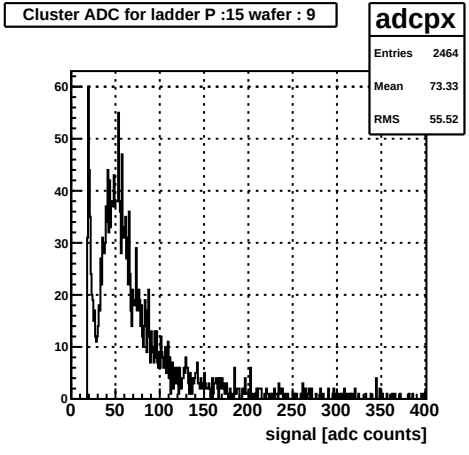

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 29547
Mean 46.29
RMS 47.88
signal [adc counts]

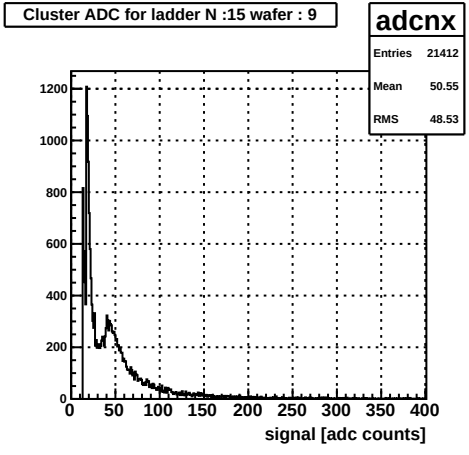

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 12725
Mean 58.09
RMS 53.98
signal [adc counts]

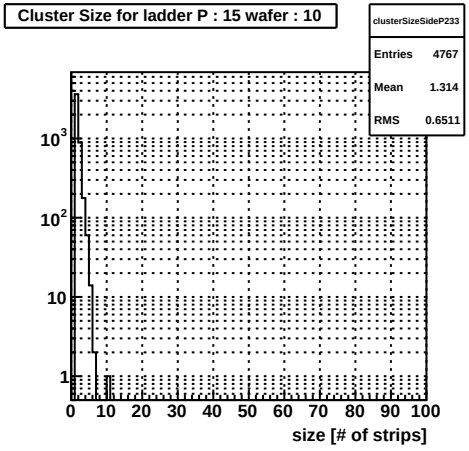

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2464
Mean 1.274
RMS 0.5858
size [# of strips]

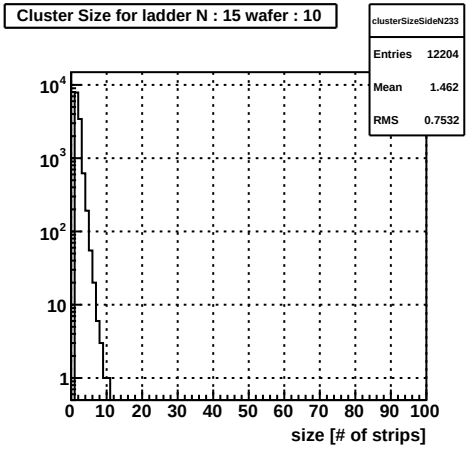

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 21412
Mean 1.438
RMS 0.744
size [# of strips]

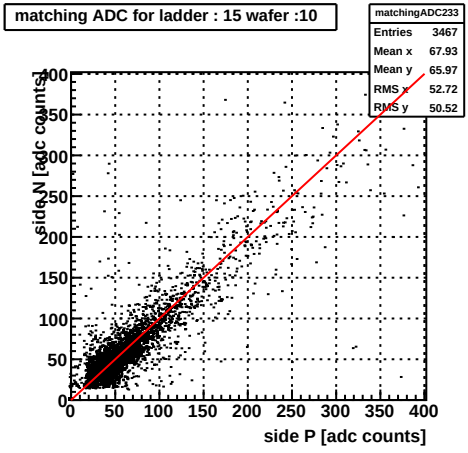

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1538
Mean x 63.58
Mean y 61.22
RMS x 50.52
RMS y 44.31
side N [adc counts]
side P [adc counts]

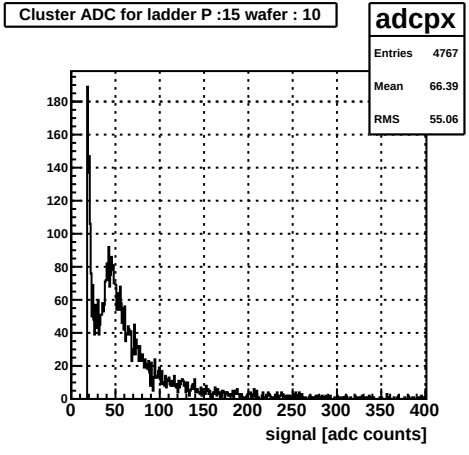

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2464
Mean 73.33
RMS 55.52
signal [adc counts]

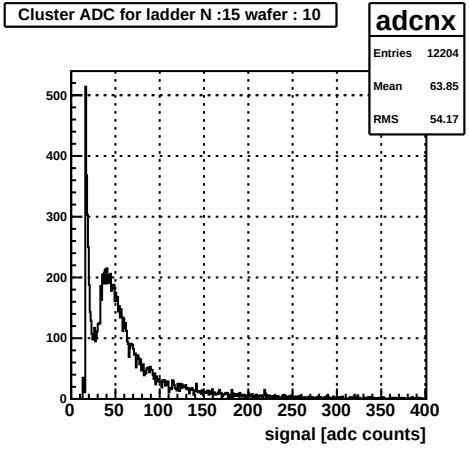

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 21412
Mean 50.55
RMS 48.53
signal [adc counts]

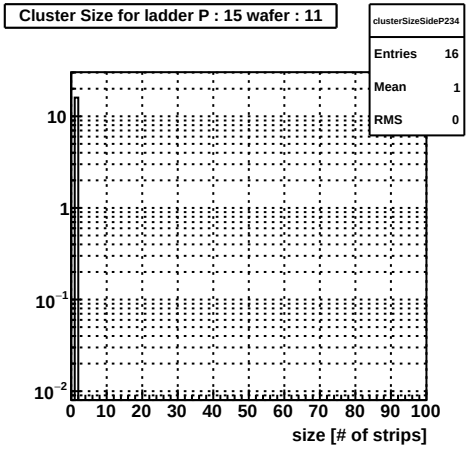

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 4767
Mean 1.314
RMS 0.6511
size [# of strips]

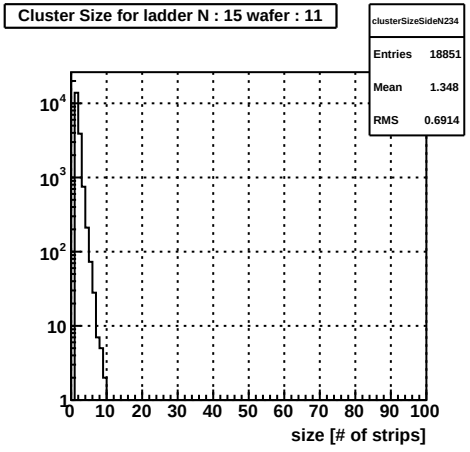

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 12204
Mean 1.462
RMS 0.7532
size [# of strips]

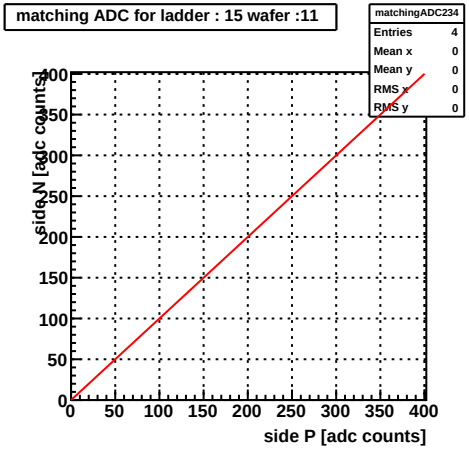

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 3467
Mean x 67.93
Mean y 65.97
RMS x 52.72
RMS y 50.52
side N [adc counts]
side P [adc counts]

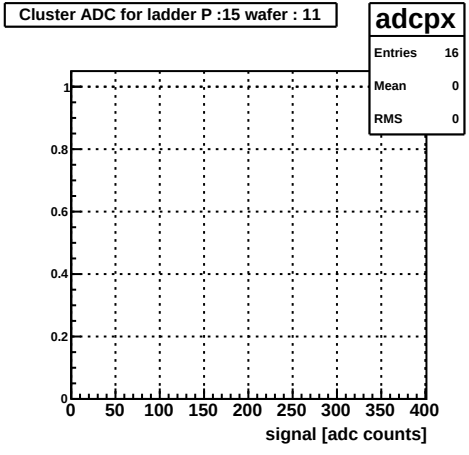

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 4767
Mean 66.39
RMS 55.06
signal [adc counts]

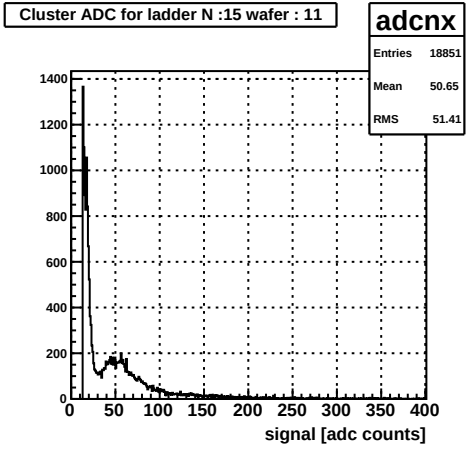

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 12204
Mean 63.85
RMS 54.17
signal [adc counts]

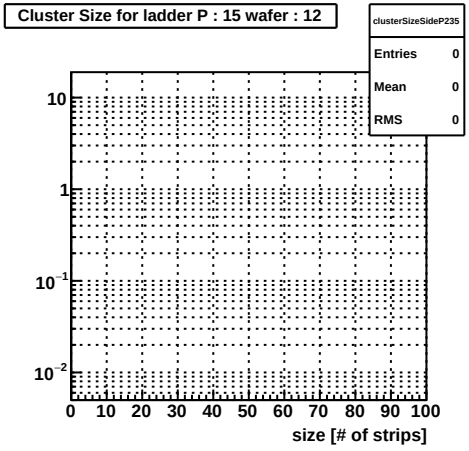

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 16
Mean 1
RMS 0
size [# of strips]

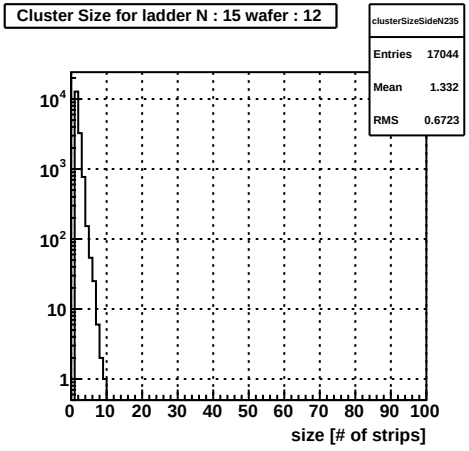

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 18851
Mean 1.348
RMS 0.6914
size [# of strips]

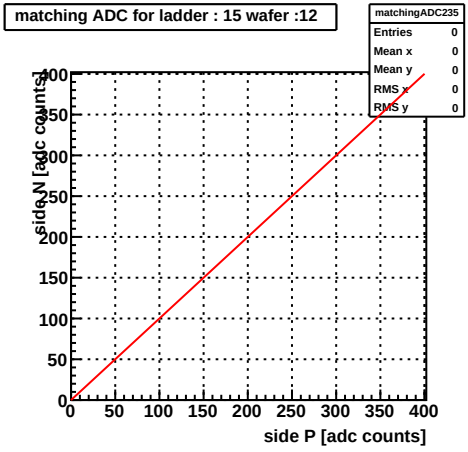

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

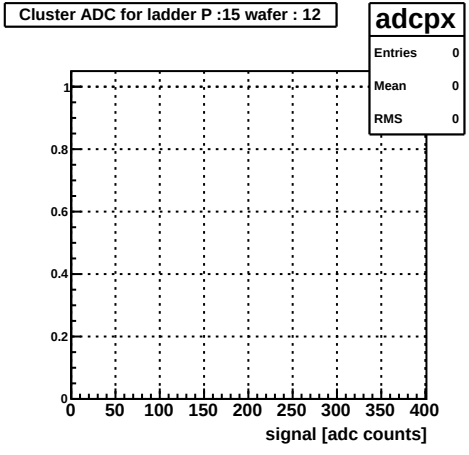

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

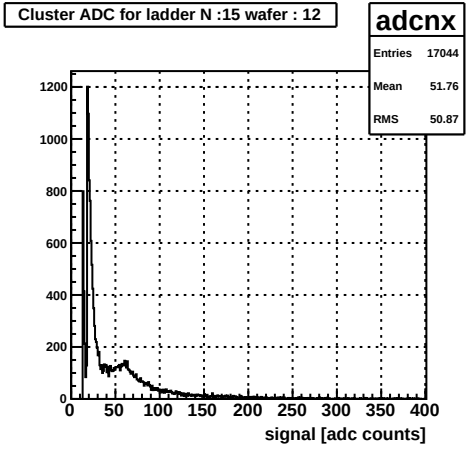

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 18851
Mean 50.65
RMS 51.41
signal [adc counts]

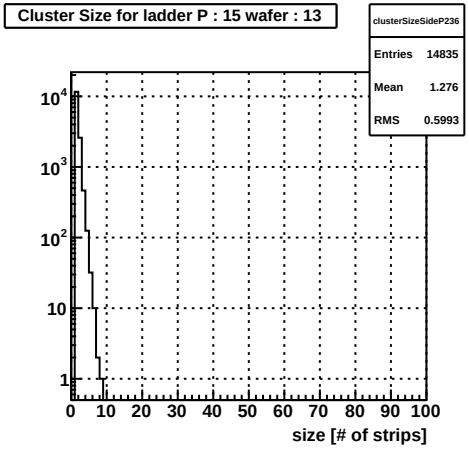

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

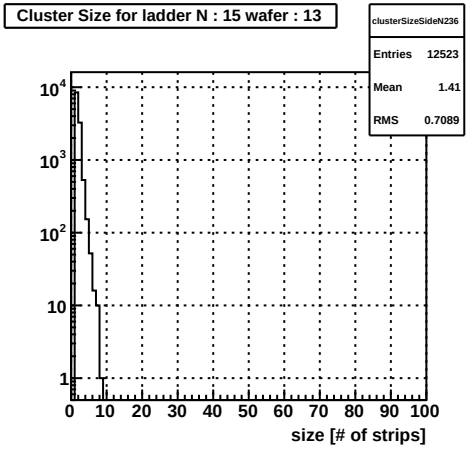

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 17044
Mean 1.332
RMS 0.6723
size [# of strips]

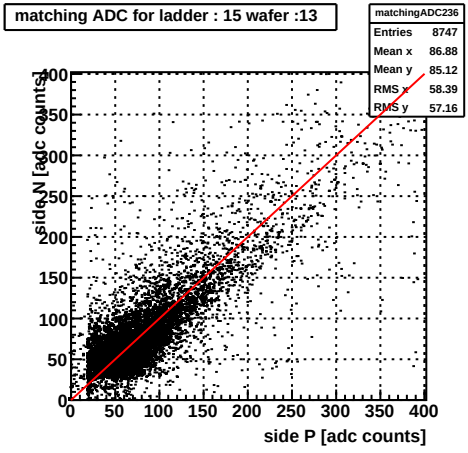

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

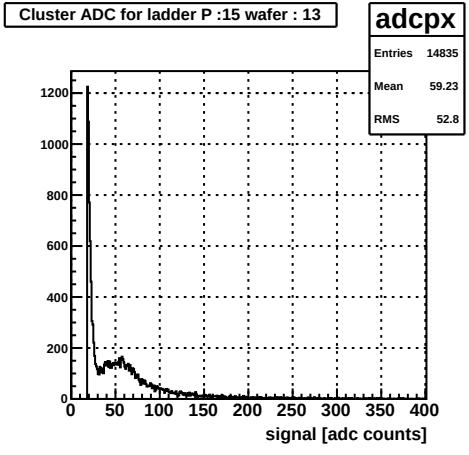

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

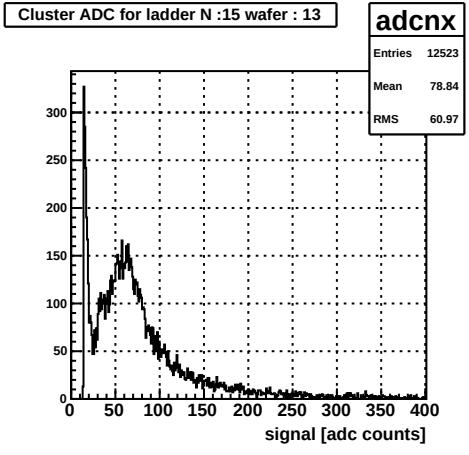

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 17044
Mean 51.76
RMS 50.87
signal [adc counts]

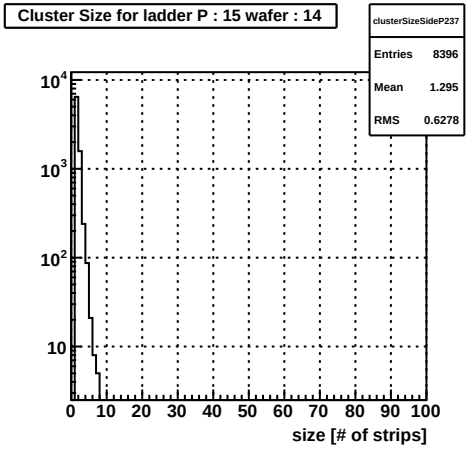

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 14835
Mean 1.276
RMS 0.5993
size [# of strips]

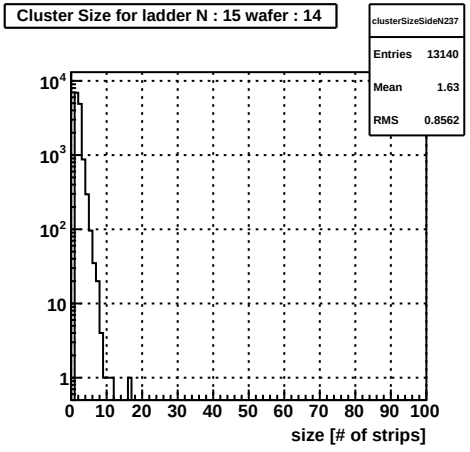

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 12523
Mean 1.41
RMS 0.7089
size [# of strips]

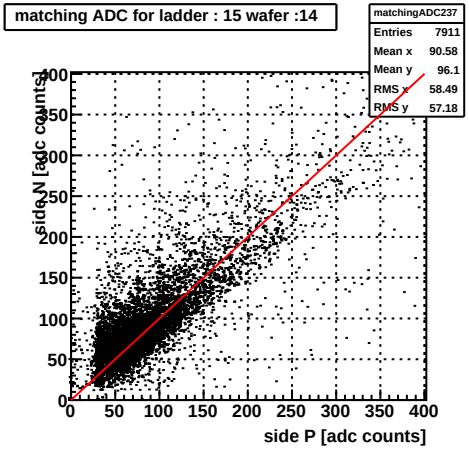

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 8747
Mean x 86.88
Mean y 85.12
RMS x 58.39
RMS y 57.16
side N [adc counts]
side P [adc counts]

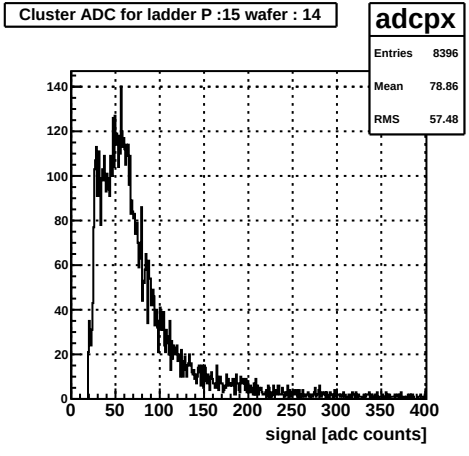

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 14835
Mean 59.23
RMS 52.8
signal [adc counts]

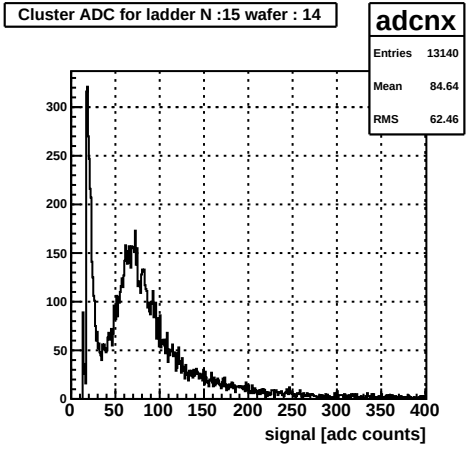

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 12523
Mean 78.84
RMS 60.97
signal [adc counts]

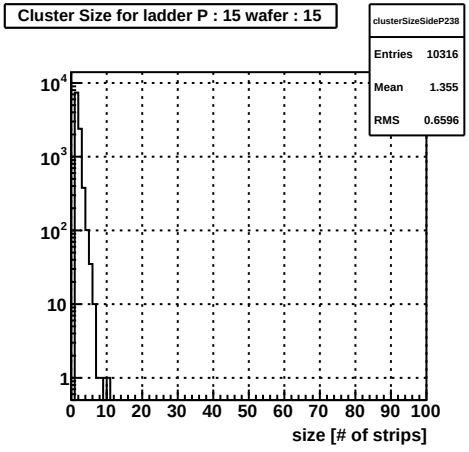

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 8396
Mean 1.295
RMS 0.6278
size [# of strips]

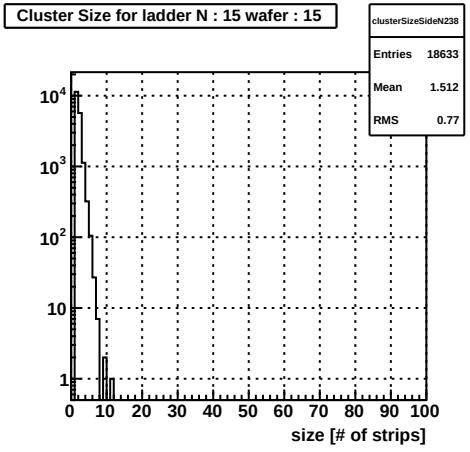

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 13140
Mean 1.63
RMS 0.8562
size [# of strips]

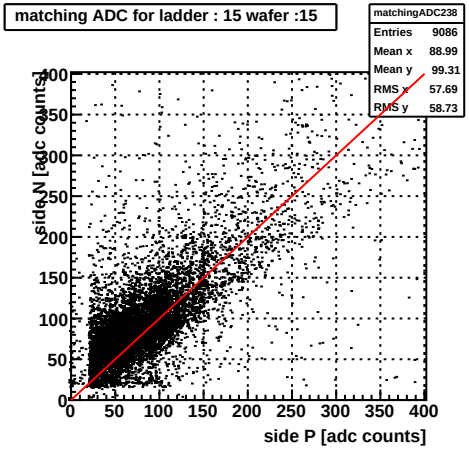

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 7911
Mean x 90.58
Mean y 96.1
RMS x 58.49
RMS y 57.18
side N [adc counts]
side P [adc counts]

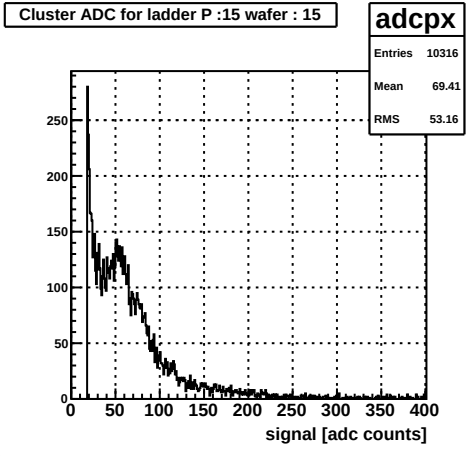

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 8396
Mean 78.86
RMS 57.48
signal [adc counts]

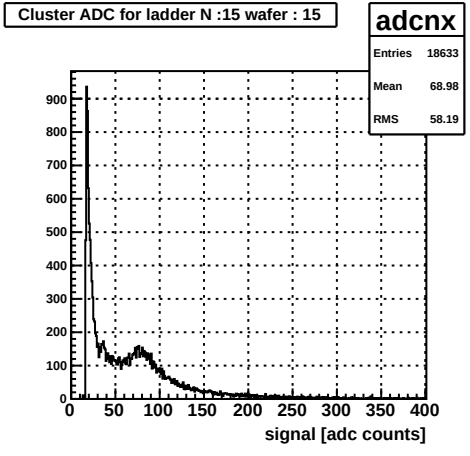

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 13140
Mean 84.64
RMS 62.46
signal [adc counts]

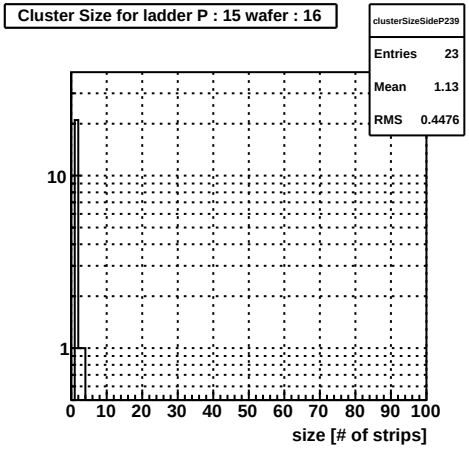

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 10316
Mean 1.355
RMS 0.6596
size [# of strips]

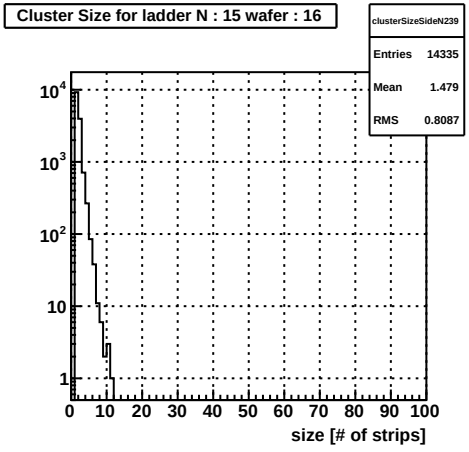

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18633
Mean 1.512
RMS 0.77
size [# of strips]

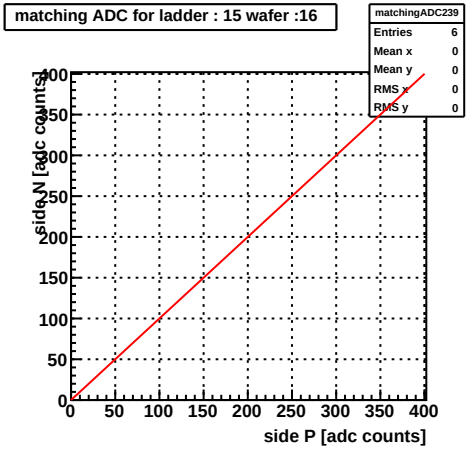

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 9086
Mean x 88.99
Mean y 99.31
RMS x 57.69
RMS y 58.73
side N [adc counts]
side P [adc counts]

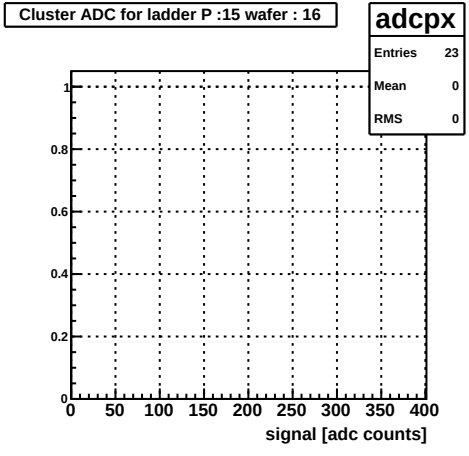

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 10316
Mean 69.41
RMS 53.16
signal [adc counts]

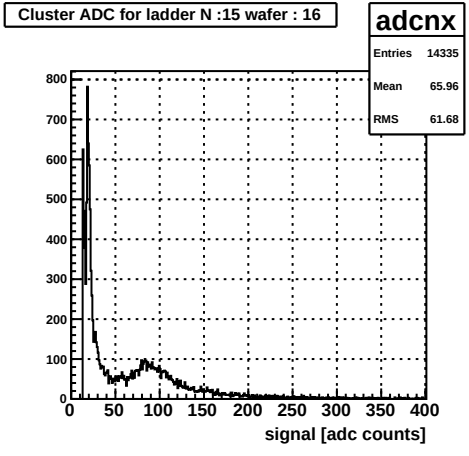

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18633
Mean 68.98
RMS 58.19
signal [adc counts]

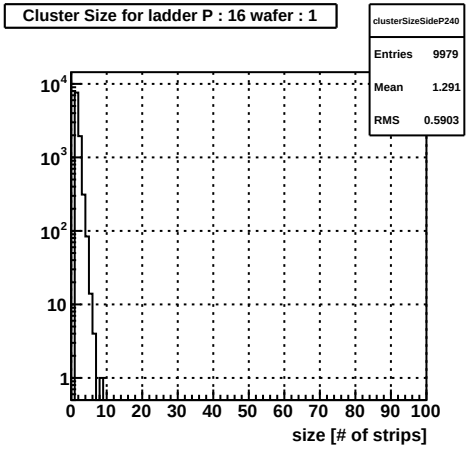

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 23
Mean 1.13
RMS 0.4476
size [# of strips]

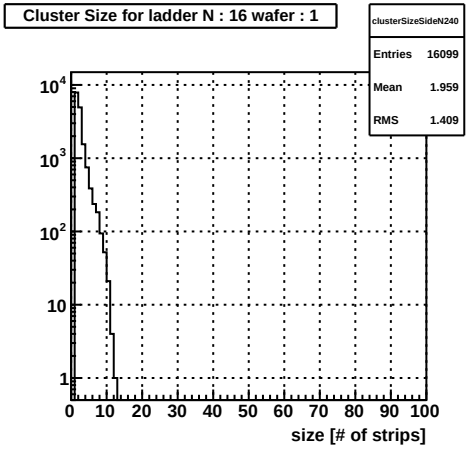

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 14335
Mean 1.479
RMS 0.8087
size [# of strips]

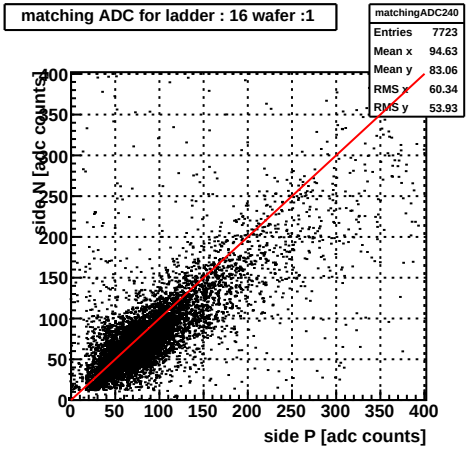

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

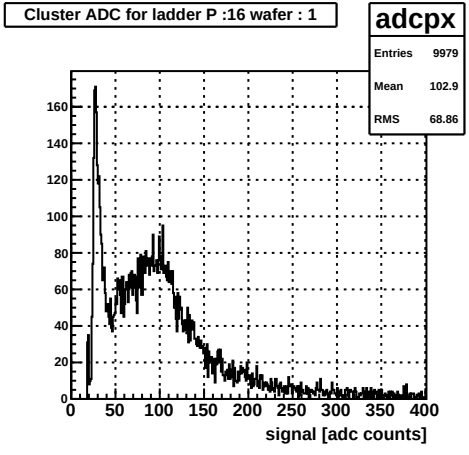

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 23
Mean 0
RMS 0
signal [adc counts]

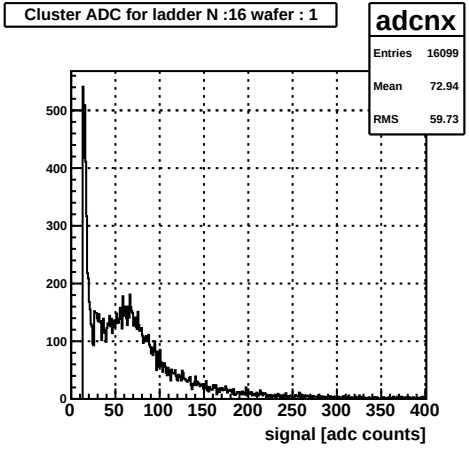

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 14335
Mean 65.96
RMS 61.68
signal [adc counts]

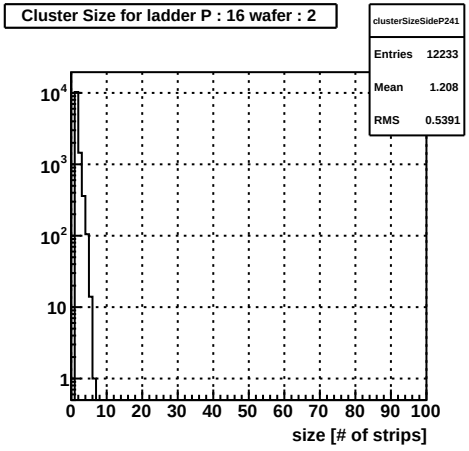

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 9979
Mean 1.291
RMS 0.5903
size [# of strips]

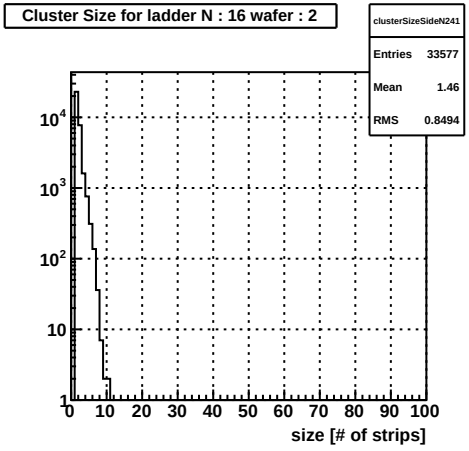

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 16099
Mean 1.959
RMS 1.409
size [# of strips]

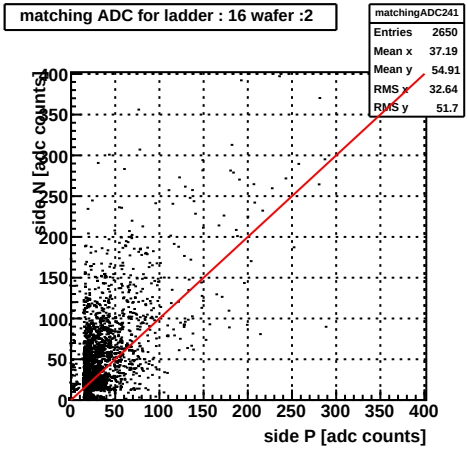

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 7723
Mean x 94.63
Mean y 83.06
RMS x 60.34
RMS y 53.93
side N [adc counts]
side P [adc counts]

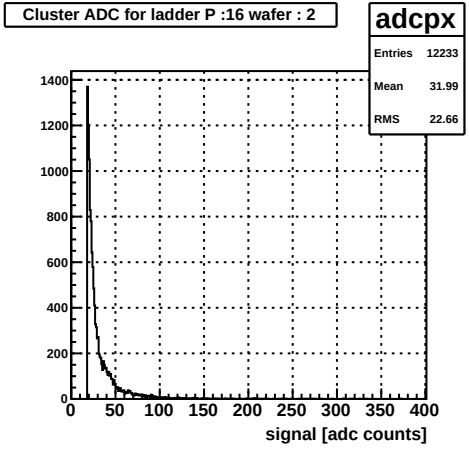

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 9979
Mean 102.9
RMS 68.86
signal [adc counts]

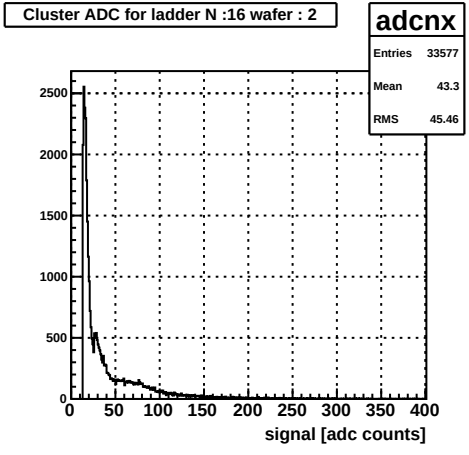

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 16099
Mean 72.94
RMS 59.73
signal [adc counts]

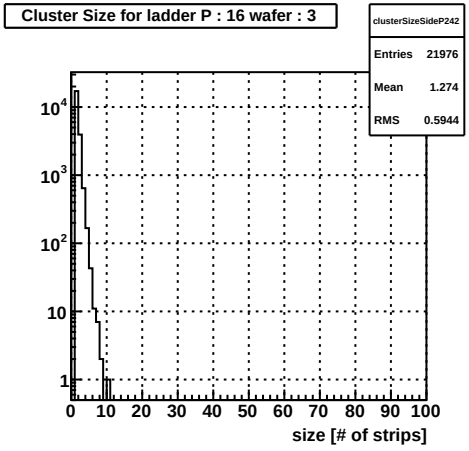

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 12233
Mean 1.208
RMS 0.5391
size [# of strips]

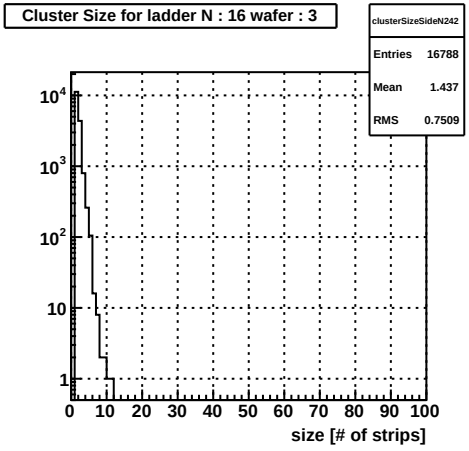

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 33577
Mean 1.46
RMS 0.8494
size [# of strips]

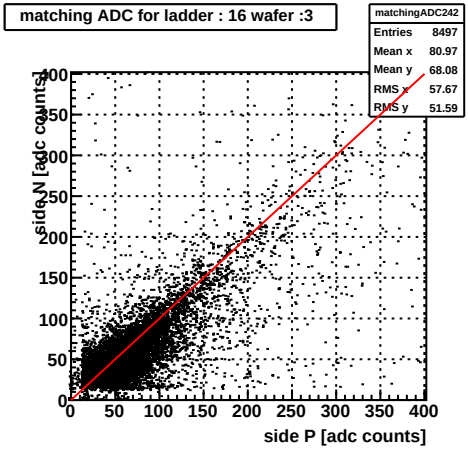

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2650
Mean x 37.19
Mean y 54.91
RMS x 32.64
RMS y 51.7
side N [adc counts]
side P [adc counts]

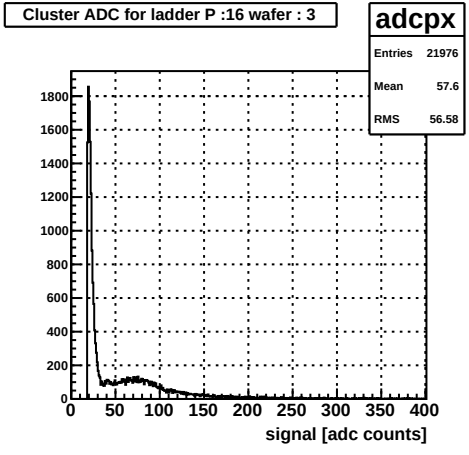

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 12233
Mean 31.99
RMS 22.66
signal [adc counts]

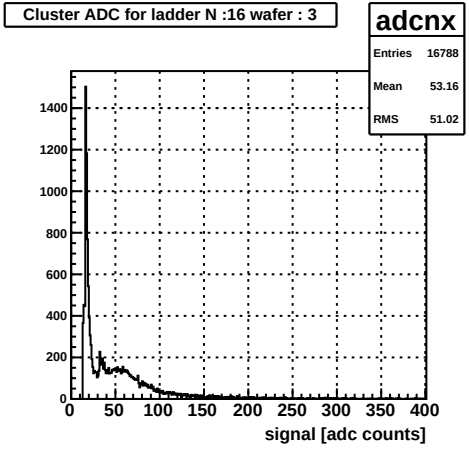

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 33577
Mean 43.3
RMS 45.46
signal [adc counts]

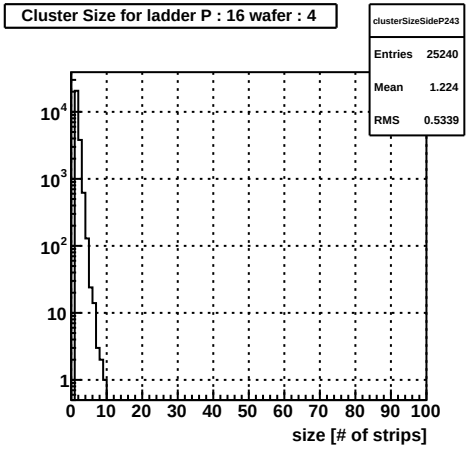

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 21976
Mean 1.274
RMS 0.5944
size [# of strips]

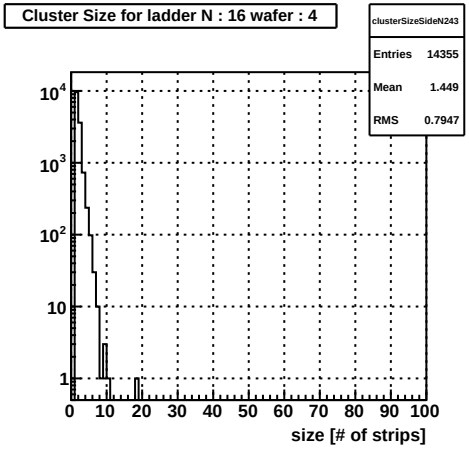

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 16788
Mean 1.437
RMS 0.7509
size [# of strips]

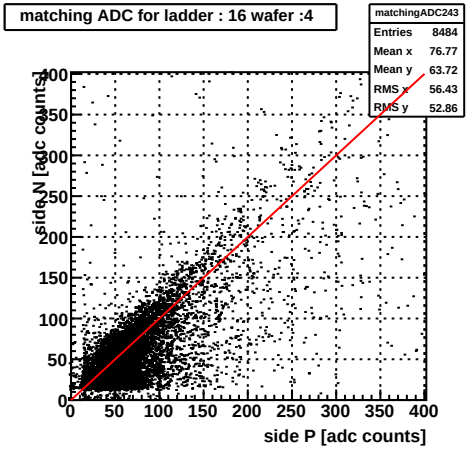

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 8497
Mean x 80.97
Mean y 68.08
RMS x 57.67
RMS y 51.59
side N [adc counts]
side P [adc counts]

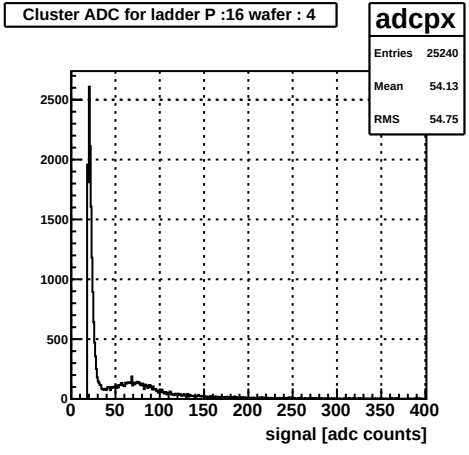

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 21976
Mean 57.6
RMS 56.58
signal [adc counts]

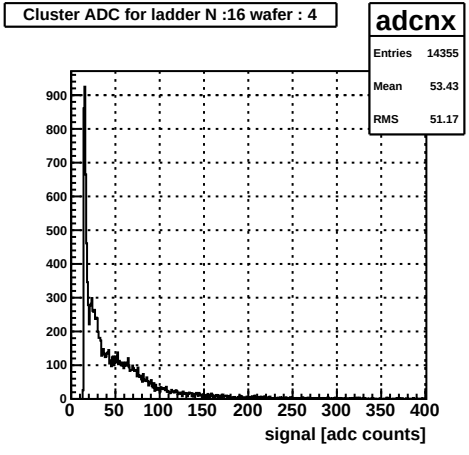

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 16788
Mean 53.16
RMS 51.02
signal [adc counts]

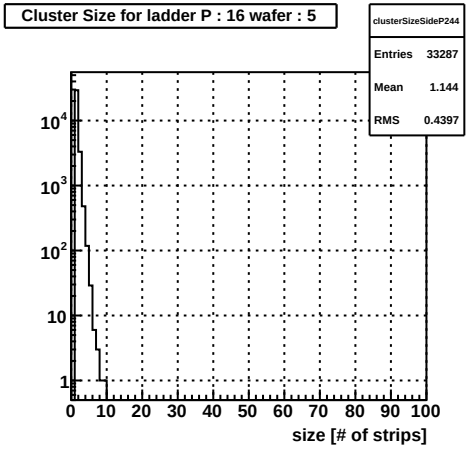

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 25240
Mean 1.224
RMS 0.5339
size [# of strips]

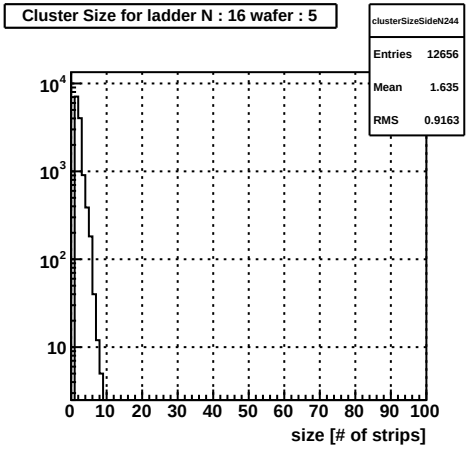

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 14355
Mean 1.449
RMS 0.7947
size [# of strips]

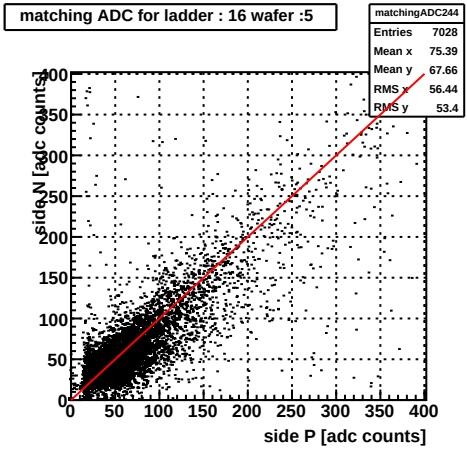

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 8484
Mean x 76.77
Mean y 63.72
RMS x 56.43
RMS y 52.86
side N [adc counts]
side P [adc counts]

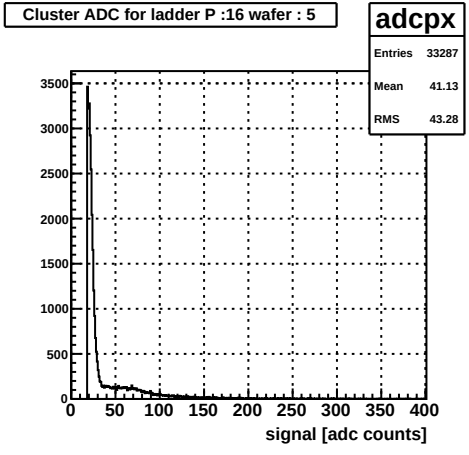

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 25240
Mean 54.13
RMS 54.75
signal [adc counts]

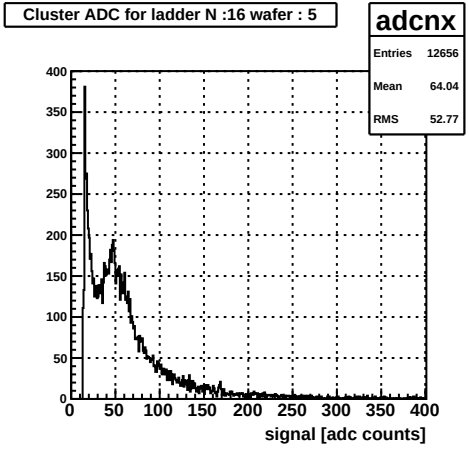

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 14355
Mean 53.43
RMS 51.17
signal [adc counts]

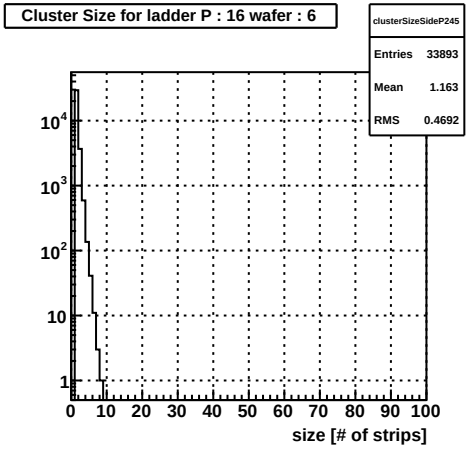

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 33287
Mean 1.144
RMS 0.4397
size [# of strips]

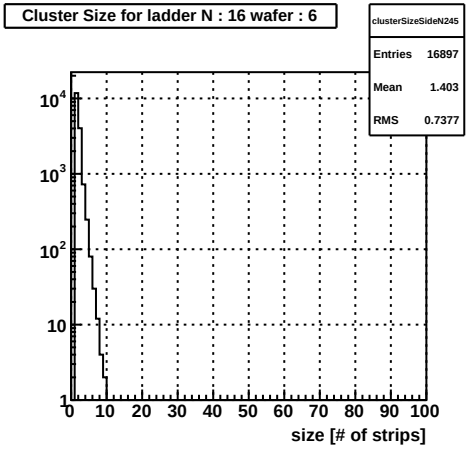

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 12656
Mean 1.635
RMS 0.9163
size [# of strips]

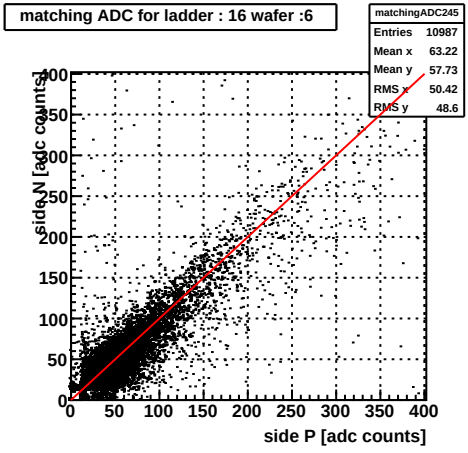

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7028
Mean x 75.39
Mean y 67.66
RMS x 56.44
RMS y 53.4
side N [adc counts]
side P [adc counts]

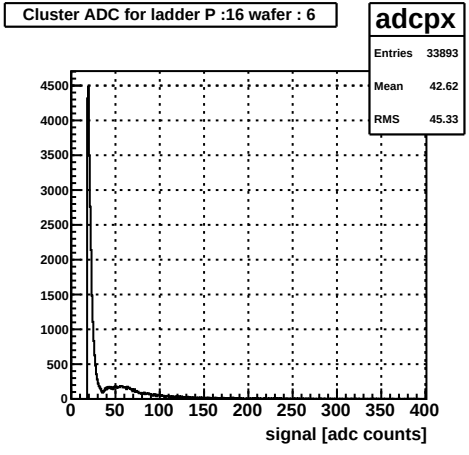

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 33287
Mean 41.13
RMS 43.28
signal [adc counts]

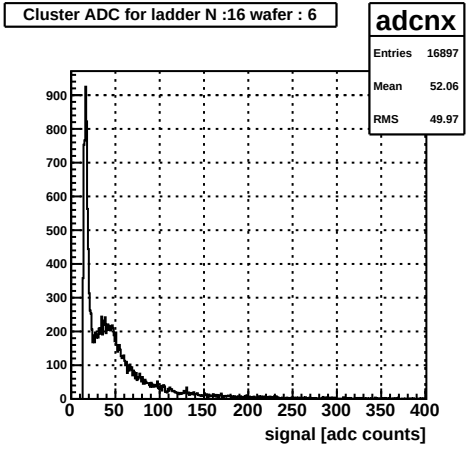

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 12656
Mean 64.04
RMS 52.77
signal [adc counts]

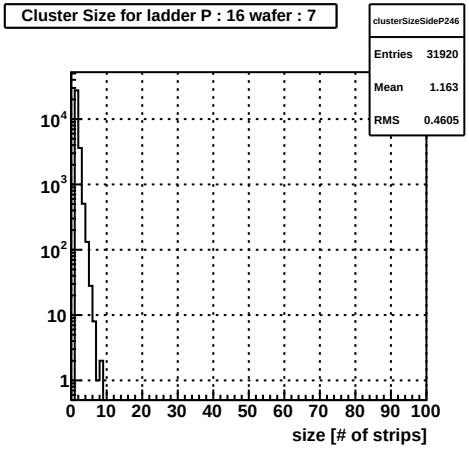

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 33893
Mean 1.163
RMS 0.4692
size [# of strips]

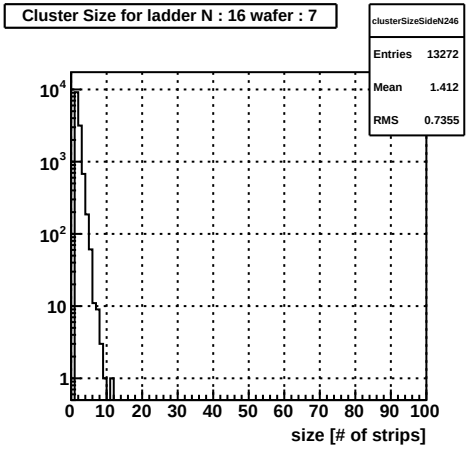

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 16897
Mean 1.403
RMS 0.7377
size [# of strips]

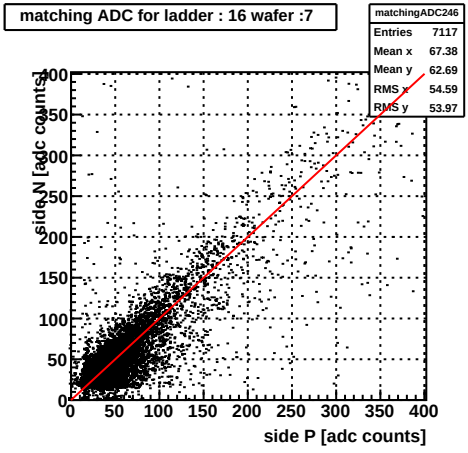

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 10987
Mean x 63.22
Mean y 57.73
RMS x 50.42
RMS y 48.6
side N [adc counts]
side P [adc counts]

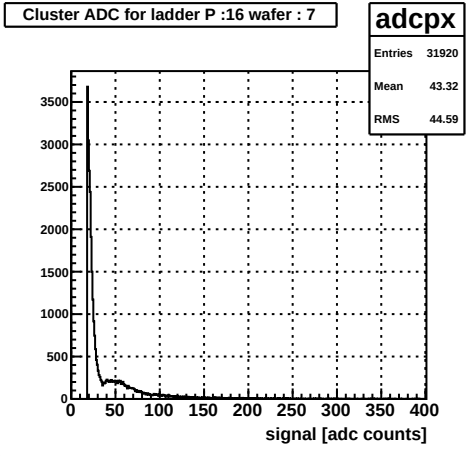

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 33893
Mean 42.62
RMS 45.33
signal [adc counts]

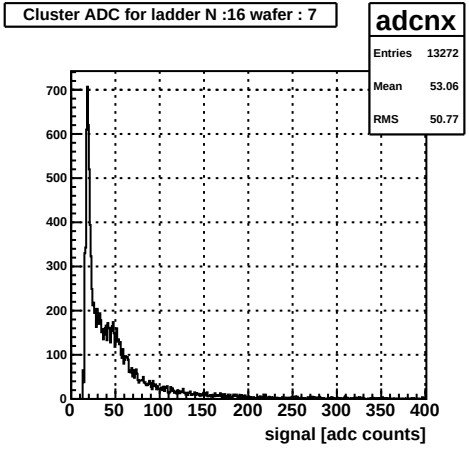

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 16897
Mean 52.06
RMS 49.97
signal [adc counts]

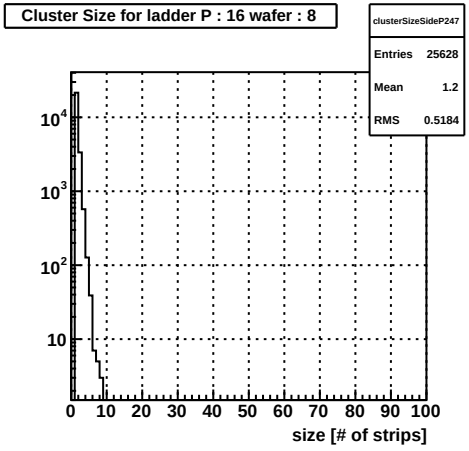

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 31920
Mean 1.163
RMS 0.4605
size [# of strips]

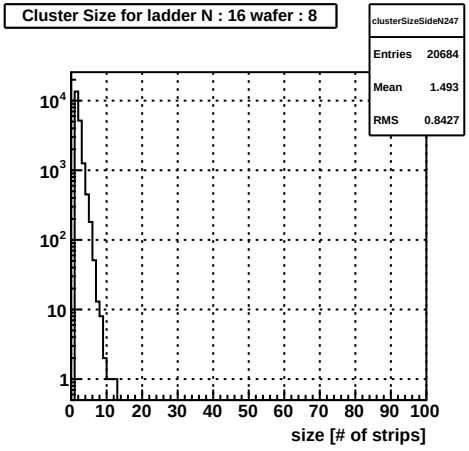

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13272
Mean 1.412
RMS 0.7355
size [# of strips]

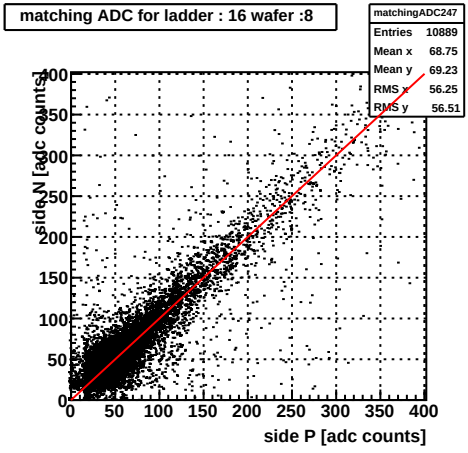

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7117
Mean x 67.38
Mean y 62.69
RMS x 54.59
RMS y 53.97
side N [adc counts]
side P [adc counts]

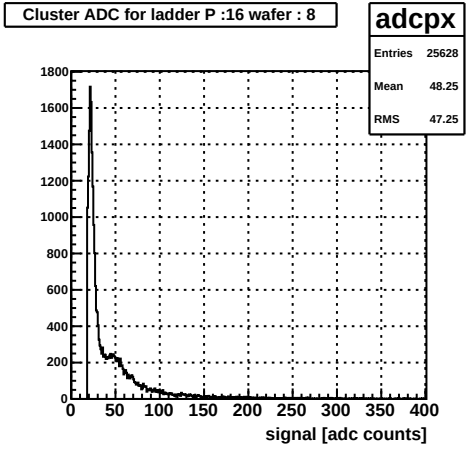

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 31920
Mean 43.32
RMS 44.59
signal [adc counts]

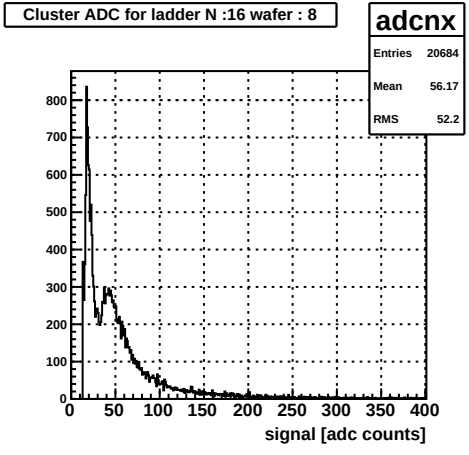

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13272
Mean 53.06
RMS 50.77
signal [adc counts]

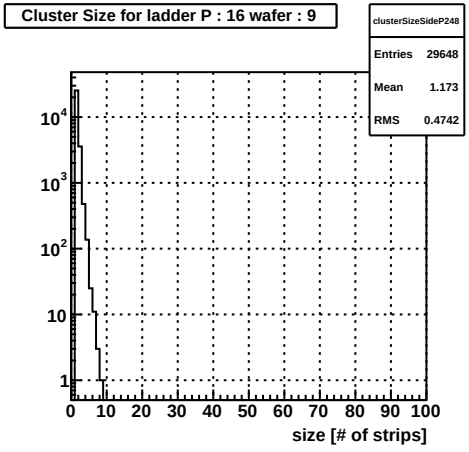

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 25628
Mean 1.2
RMS 0.5184
size [# of strips]

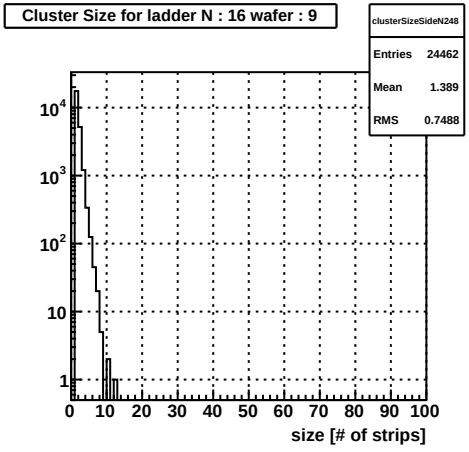

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 20684
Mean 1.493
RMS 0.8427
size [# of strips]

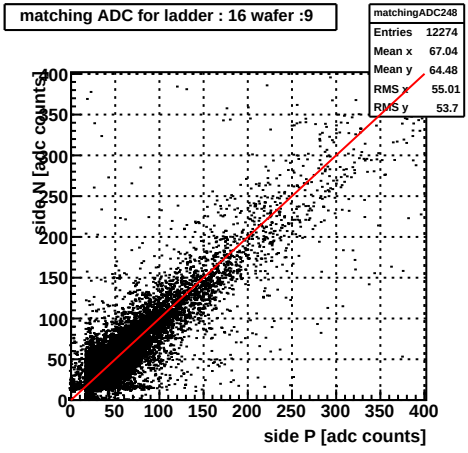

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 10889
Mean x 68.75
Mean y 69.23
RMS x 56.25
RMS y 56.51
side N [adc counts]
side P [adc counts]

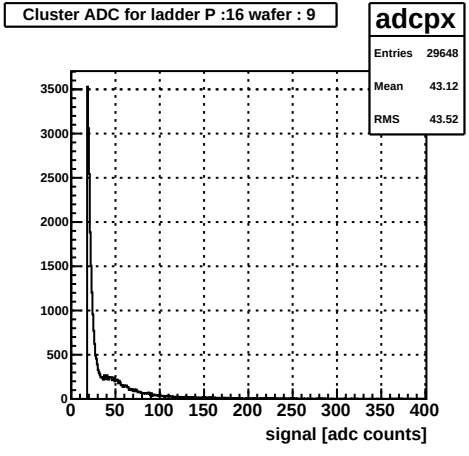

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 25628
Mean 48.25
RMS 47.25
signal [adc counts]

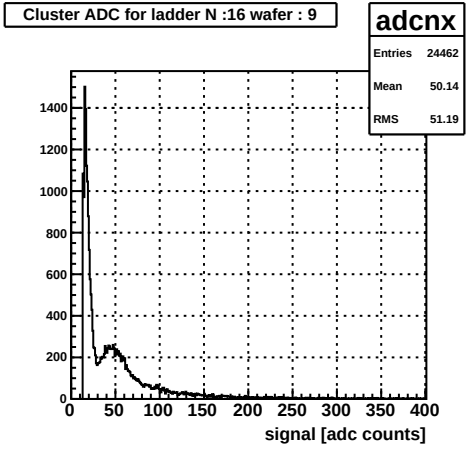

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 20684
Mean 56.17
RMS 52.2
signal [adc counts]

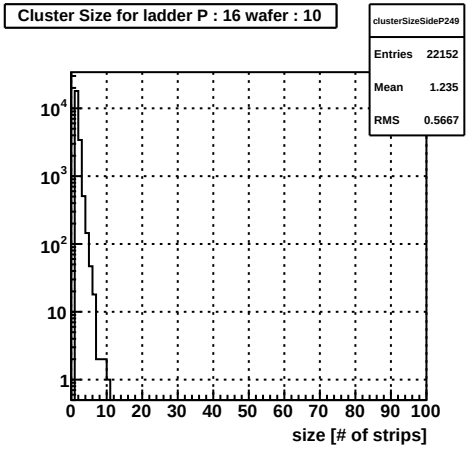

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 29648
Mean 1.173
RMS 0.4742
size [# of strips]

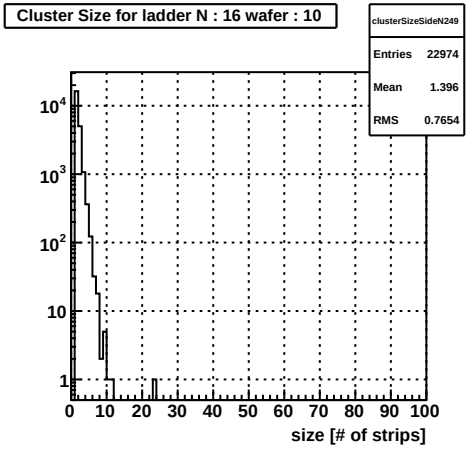

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 24462
Mean 1.389
RMS 0.7488
size [# of strips]

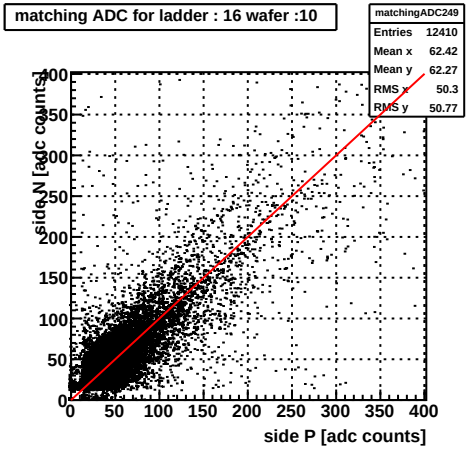

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 12274
Mean x 67.04
Mean y 64.48
RMS x 55.01
RMS y 53.7
side N [adc counts]
side P [adc counts]

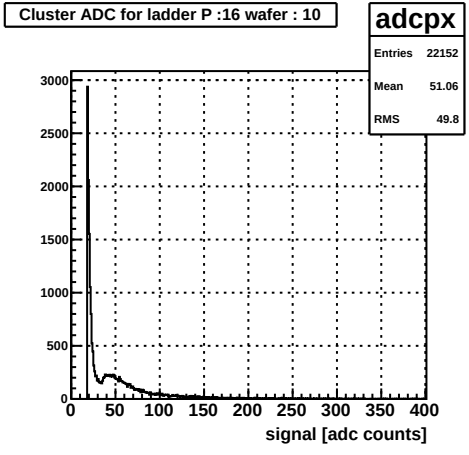

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 29648
Mean 43.12
RMS 43.52
signal [adc counts]

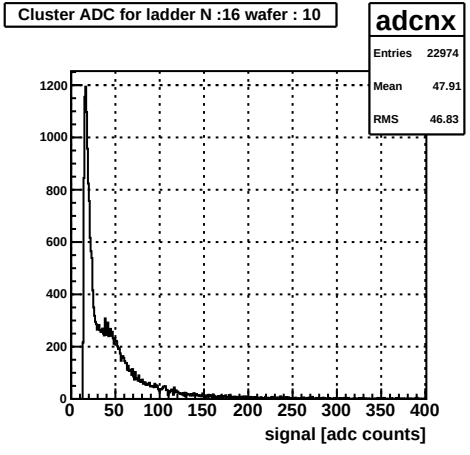

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 24462
Mean 50.14
RMS 51.19
signal [adc counts]

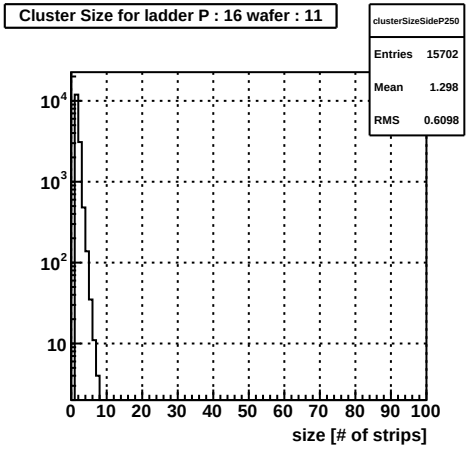

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 22152
Mean 1.235
RMS 0.5667
size [# of strips]

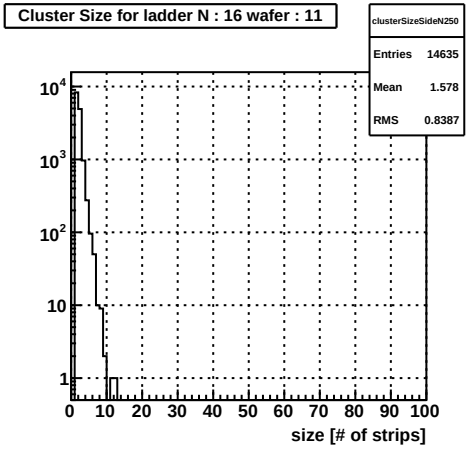

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 22974
Mean 1.396
RMS 0.7654
size [# of strips]

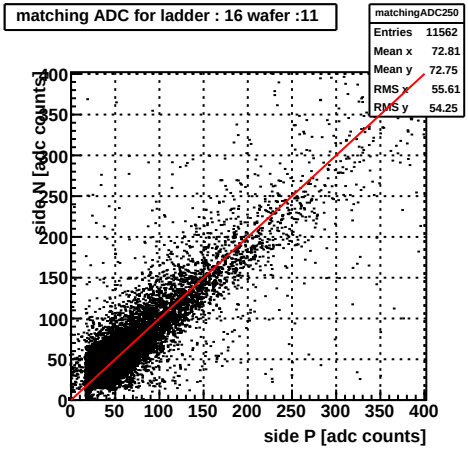

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 12410
Mean x 62.42
Mean y 62.27
RMS x 50.3
RMS y 50.77
side N [adc counts]
side P [adc counts]

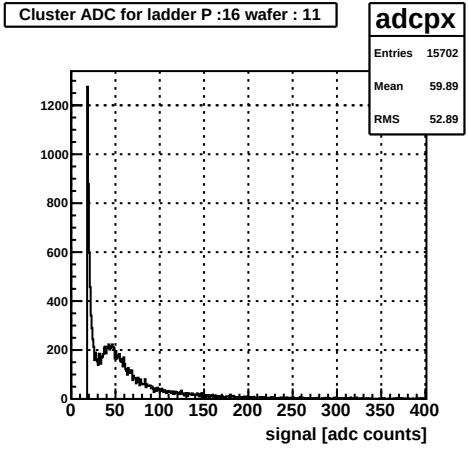

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 22152
Mean 51.06
RMS 49.8
signal [adc counts]

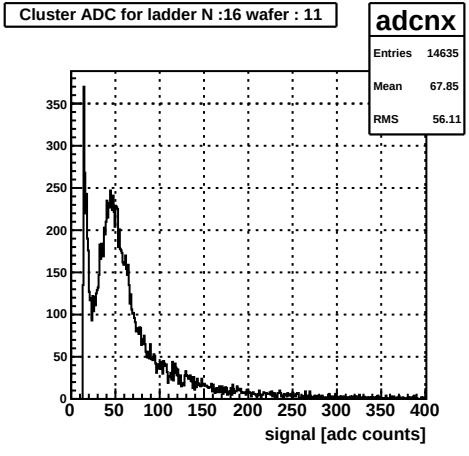

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 22974
Mean 47.91
RMS 46.83
signal [adc counts]

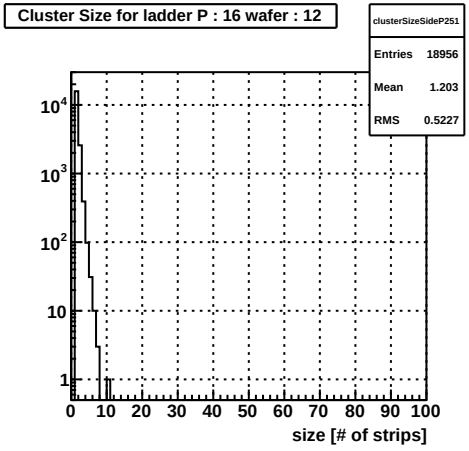

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 15702
Mean 1.298
RMS 0.6098
size [# of strips]

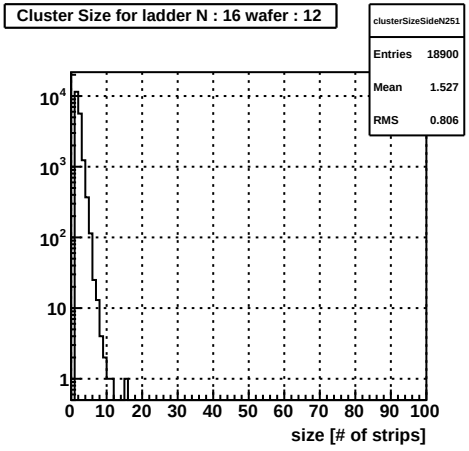

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 14635
Mean 1.578
RMS 0.8387
size [# of strips]

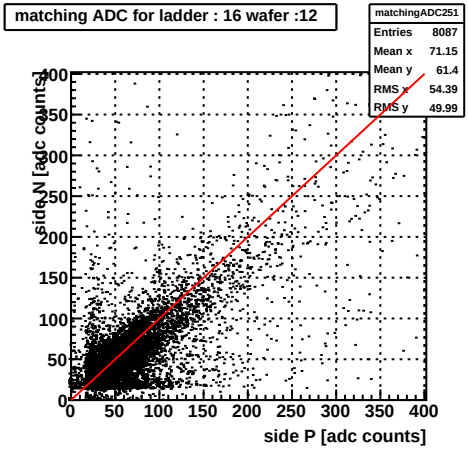

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 11562
Mean x 72.81
Mean y 72.75
RMS x 55.61
RMS y 54.25
side N [adc counts]
side P [adc counts]

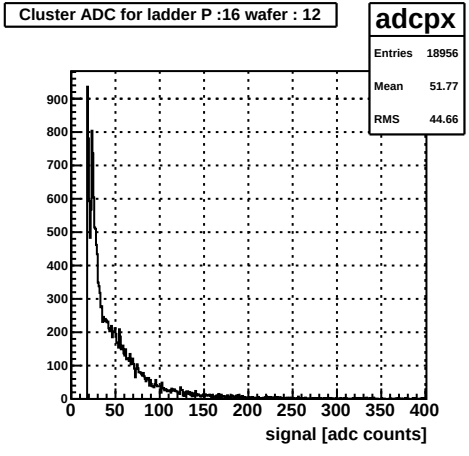

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 15702
Mean 59.89
RMS 52.89
signal [adc counts]

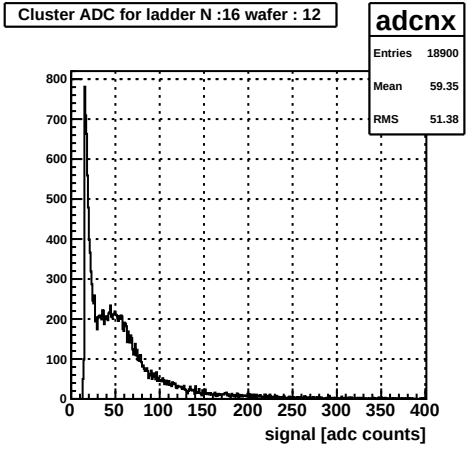

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 14635
Mean 67.85
RMS 56.11
signal [adc counts]

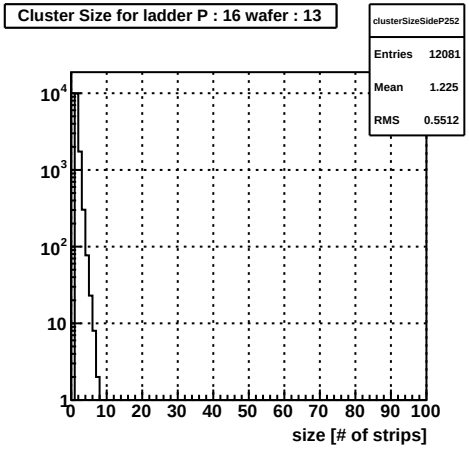

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 18956
Mean 1.203
RMS 0.5227
size [# of strips]

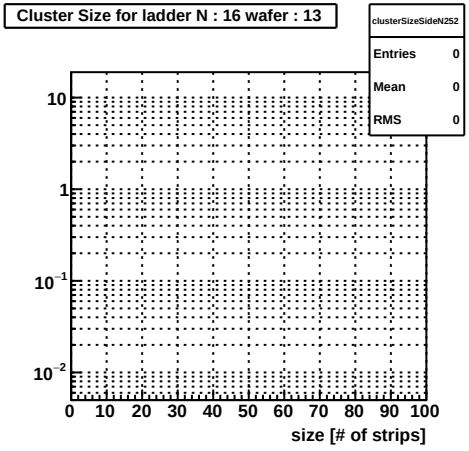

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 18900
Mean 1.527
RMS 0.806
size [# of strips]

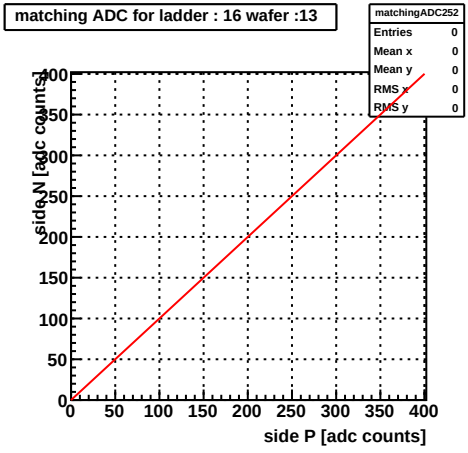

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 8087
Mean x 71.15
Mean y 61.4
RMS x 54.39
RMS y 49.99
side N [adc counts]
side P [adc counts]

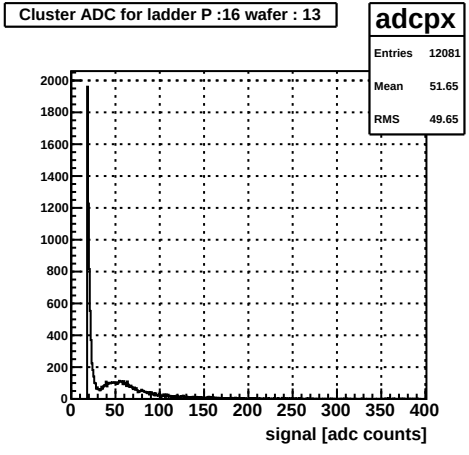

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 18956
Mean 51.77
RMS 44.66
signal [adc counts]

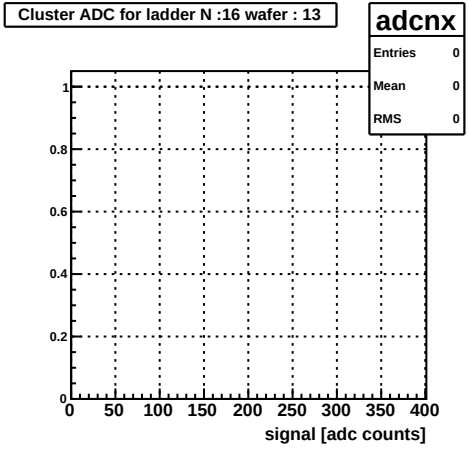

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 18900
Mean 59.35
RMS 51.38
signal [adc counts]

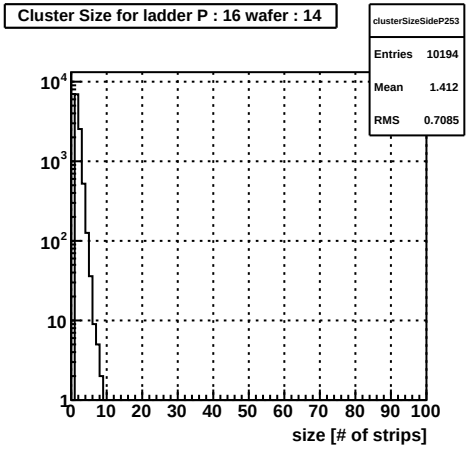

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 12081
Mean 1.225
RMS 0.5512
size [# of strips]

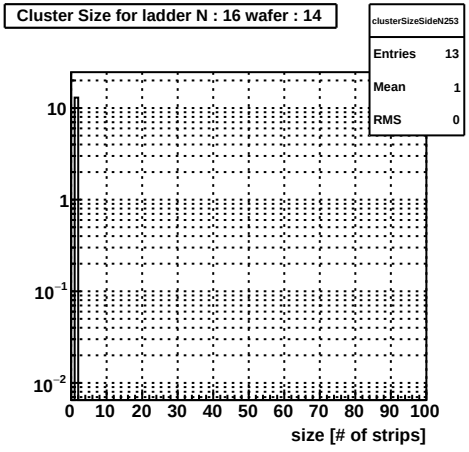

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

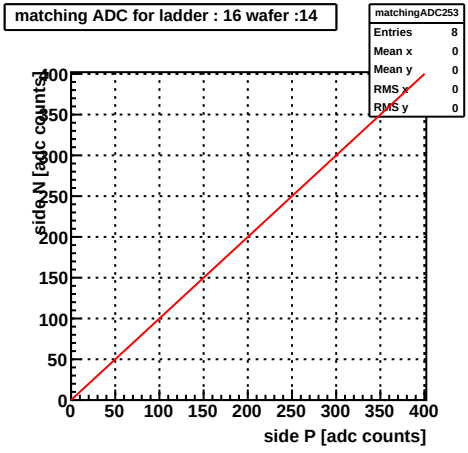

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

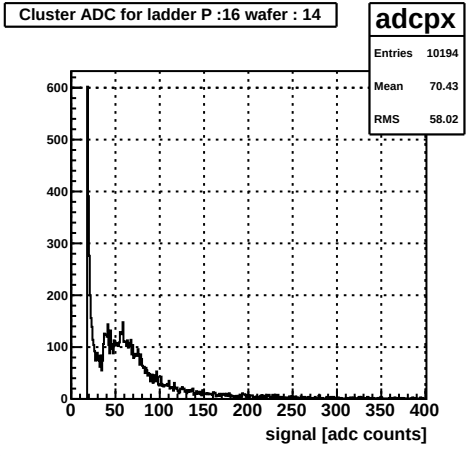

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 12081
Mean 51.65
RMS 49.65
signal [adc counts]

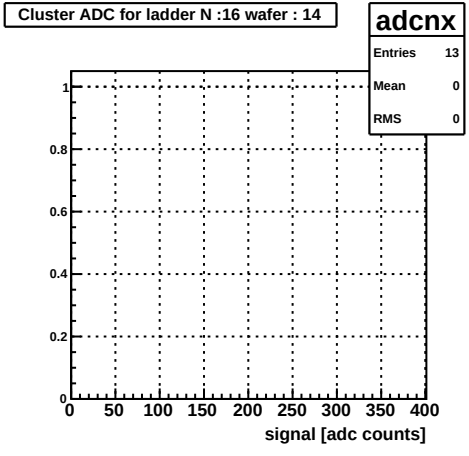

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

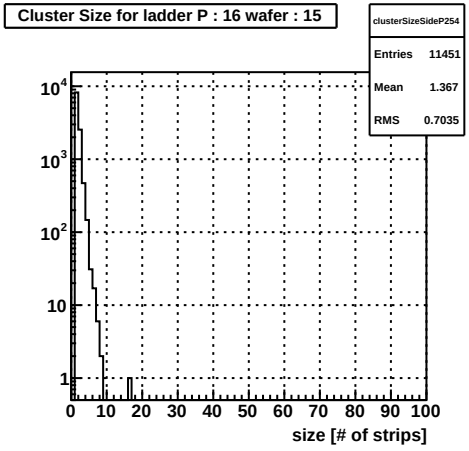

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 10194
Mean 1.412
RMS 0.7085
size [# of strips]

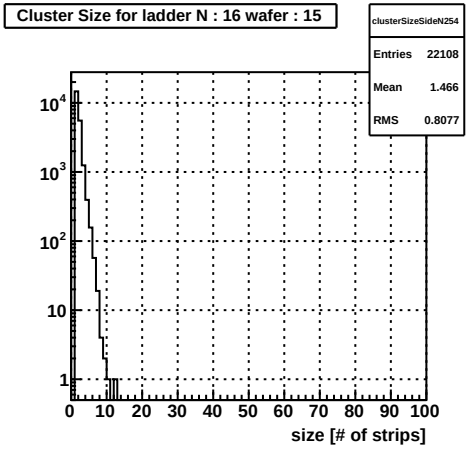

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 13
Mean 1
RMS 0
size [# of strips]

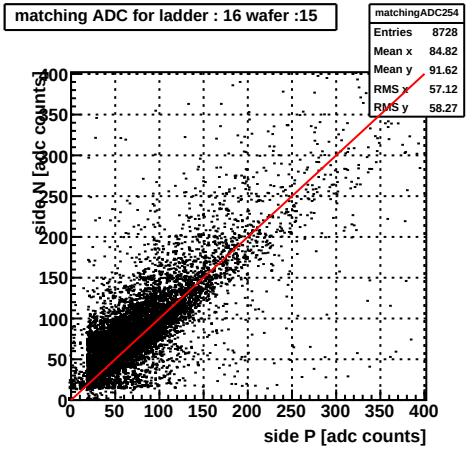

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

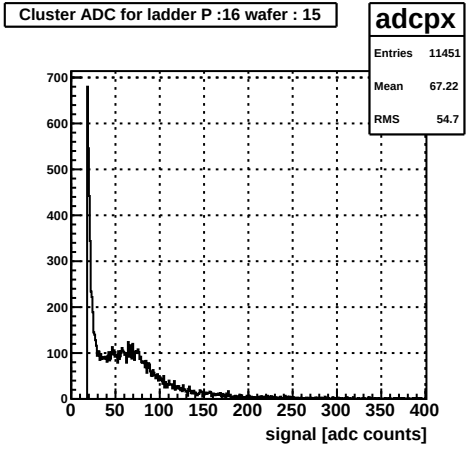

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 10194
Mean 70.43
RMS 58.02
signal [adc counts]

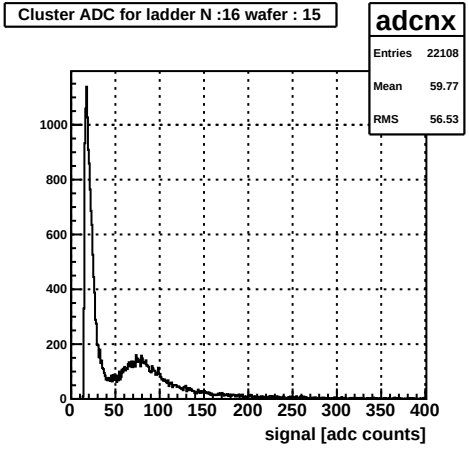

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 13
Mean 0
RMS 0
signal [adc counts]

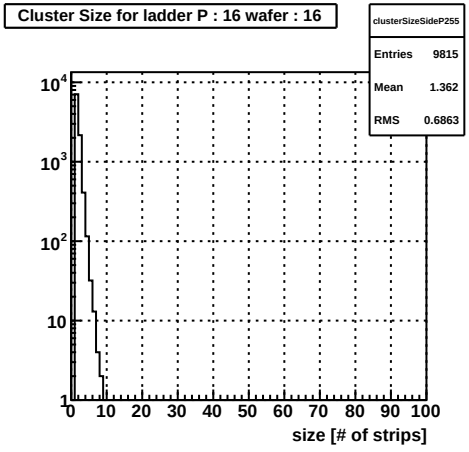

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 11451
Mean 1.367
RMS 0.7035
size [# of strips]

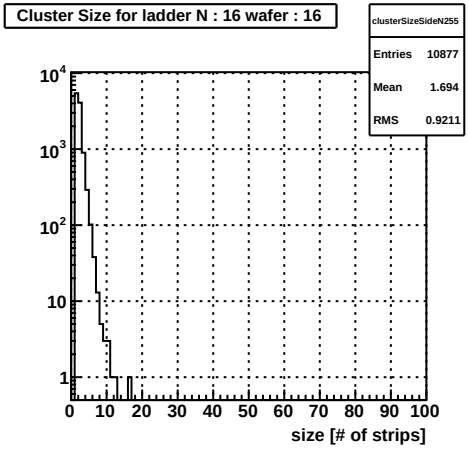

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 22108
Mean 1.466
RMS 0.8077
size [# of strips]

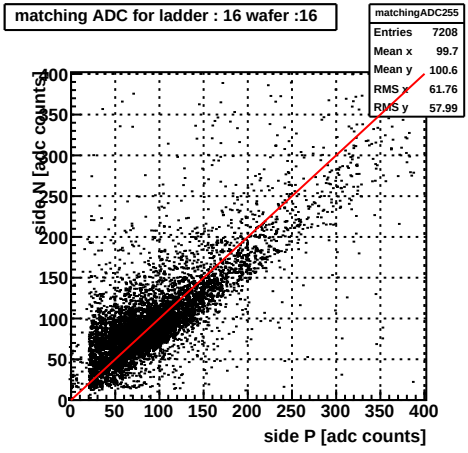

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 8728
Mean x 84.82
Mean y 91.62
RMS x 57.12
RMS y 58.27
side N [adc counts]
side P [adc counts]

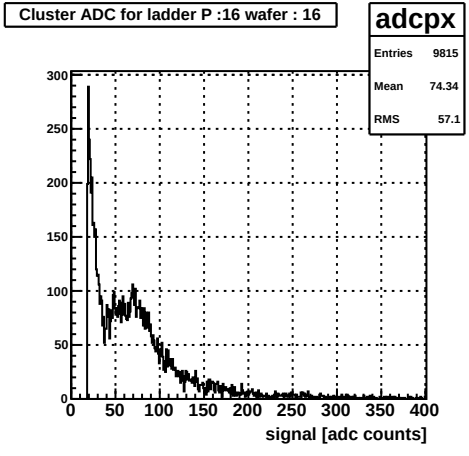

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 11451
Mean 67.22
RMS 54.7
signal [adc counts]

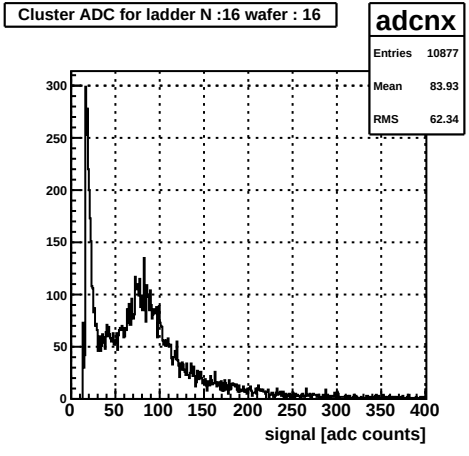

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 22108
Mean 59.77
RMS 56.53
signal [adc counts]

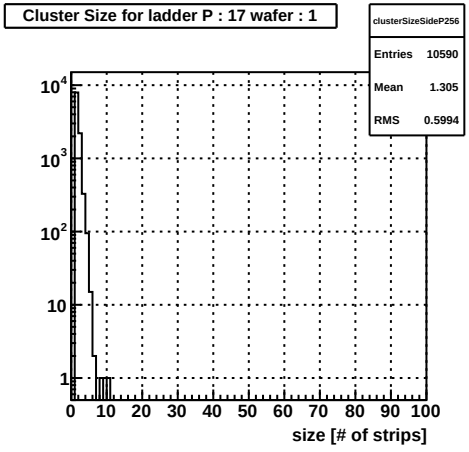

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 9815
Mean 1.362
RMS 0.6863
size [# of strips]

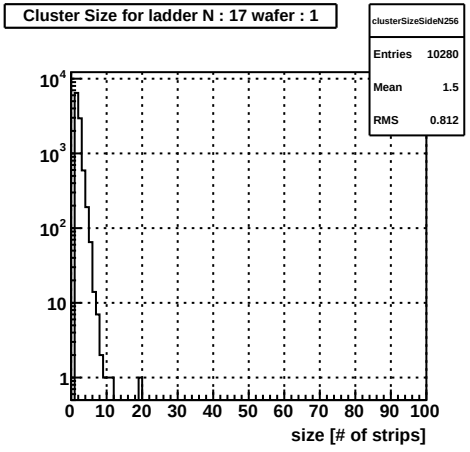

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 10877
Mean 1.694
RMS 0.9211
size [# of strips]

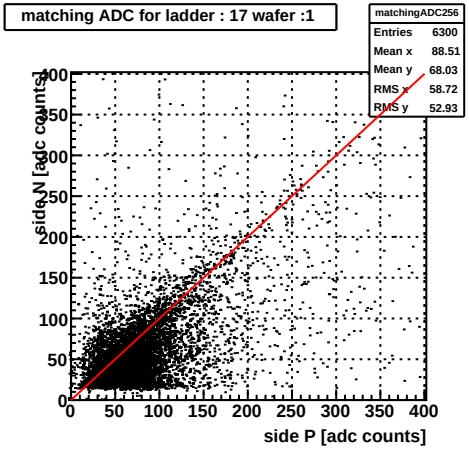

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 7208
Mean x 99.7
Mean y 100.6
RMS x 61.76
RMS y 57.99
side N [adc counts]
side P [adc counts]

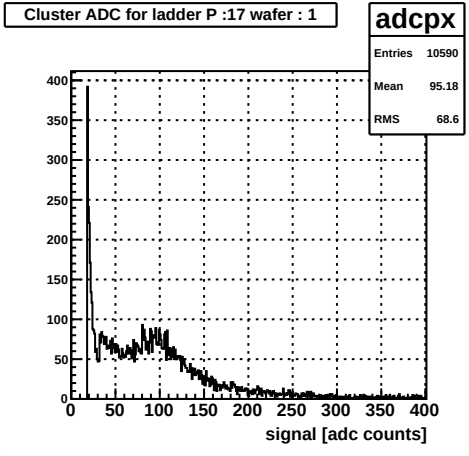

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 9815
Mean 74.34
RMS 57.1
signal [adc counts]

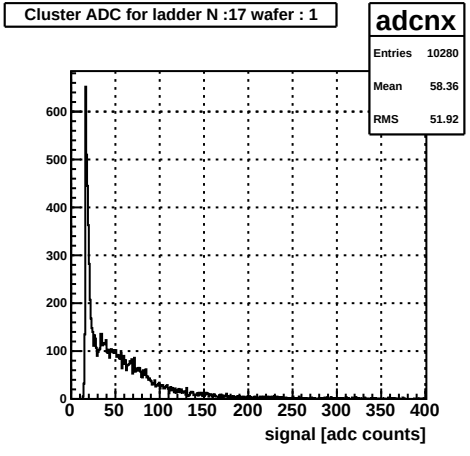

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 10877
Mean 83.93
RMS 62.34
signal [adc counts]

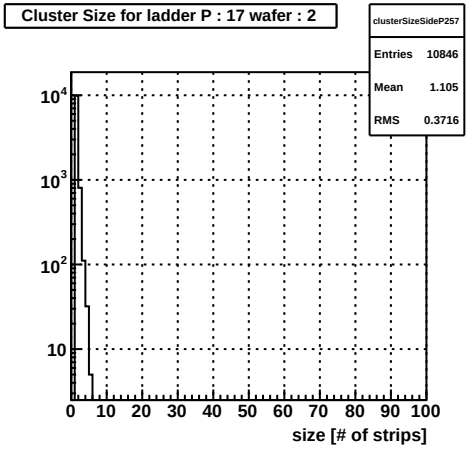

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 10590
Mean 1.305
RMS 0.5994
size [# of strips]

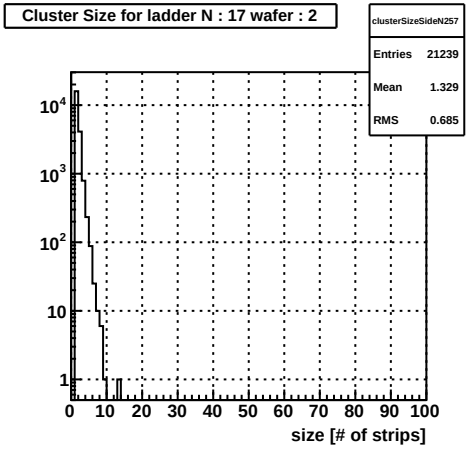

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 10280
Mean 1.5
RMS 0.812
size [# of strips]

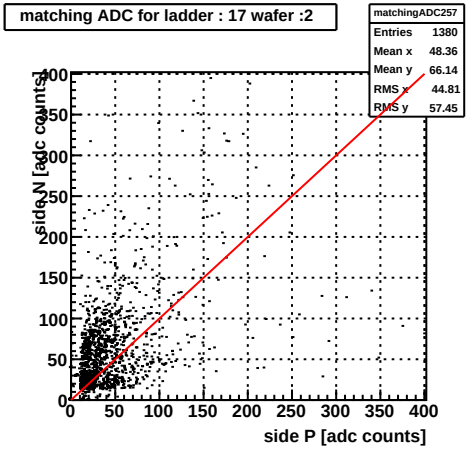

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 6300
Mean x 88.51
Mean y 68.03
RMS x 58.72
RMS y 52.93
side N [adc counts]
side P [adc counts]

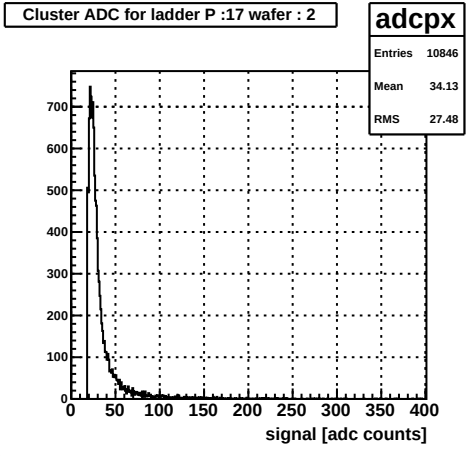

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 10590
Mean 95.18
RMS 68.6
signal [adc counts]

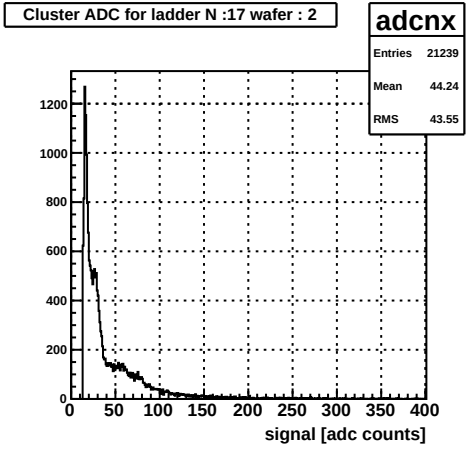

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 10280
Mean 58.36
RMS 51.92
signal [adc counts]

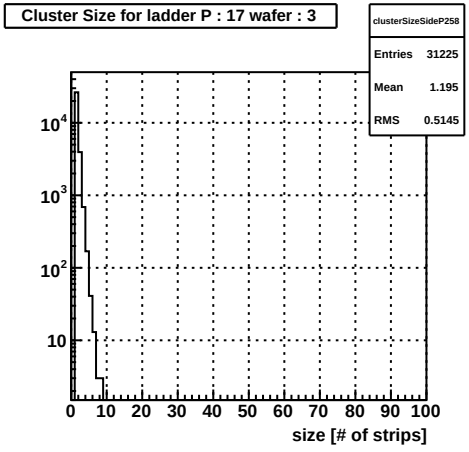

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 10846
Mean 1.105
RMS 0.3716
size [# of strips]

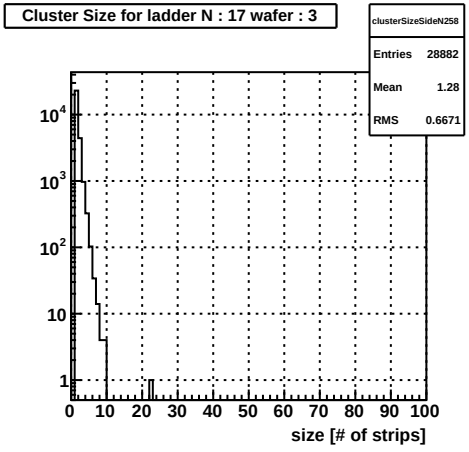

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 21239
Mean 1.329
RMS 0.685
size [# of strips]

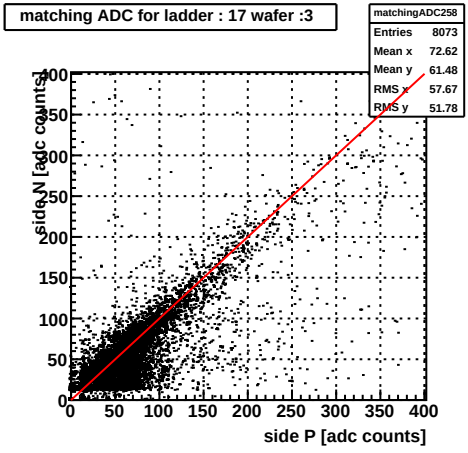

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1380
Mean x 48.36
Mean y 66.14
RMS x 44.81
RMS y 57.45
side N [adc counts]
side P [adc counts]

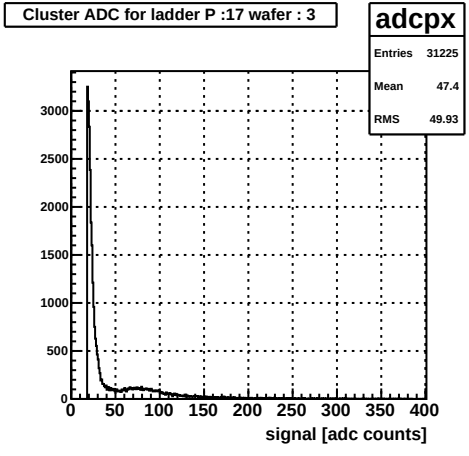

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 10846
Mean 34.13
RMS 27.48
signal [adc counts]

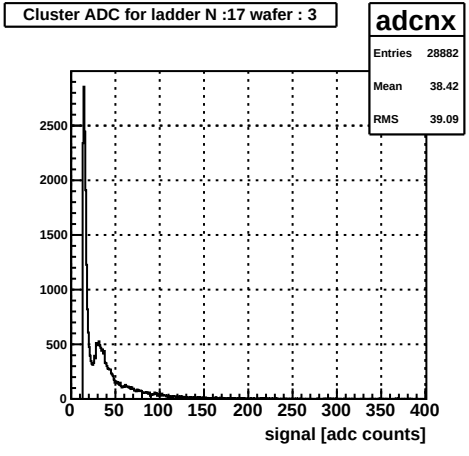

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 21239
Mean 44.24
RMS 43.55
signal [adc counts]

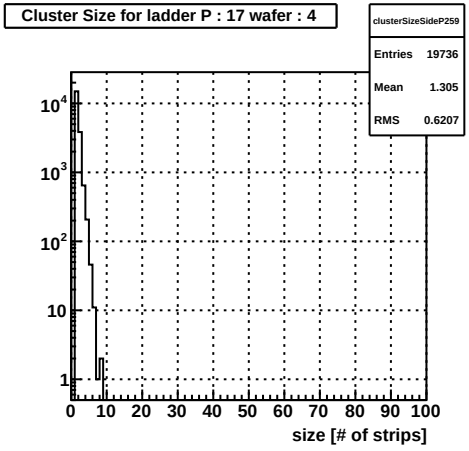

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 31225
Mean 1.195
RMS 0.5145
size [# of strips]

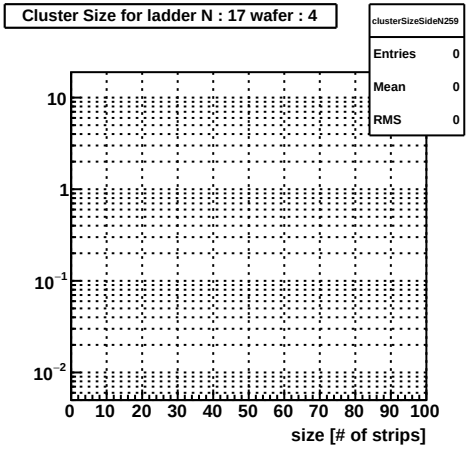

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 28882
Mean 1.28
RMS 0.6671
size [# of strips]

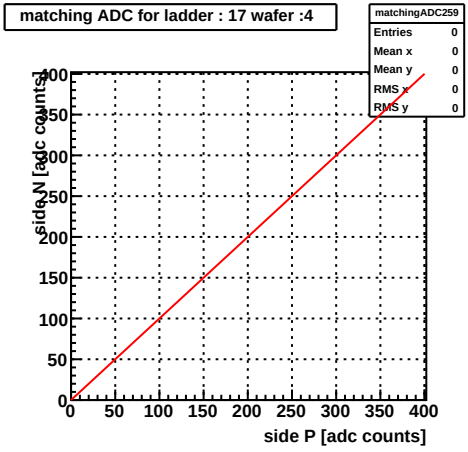

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8073
Mean x 72.62
Mean y 61.48
RMS x 57.67
RMS y 51.78
side N [adc counts]
side P [adc counts]

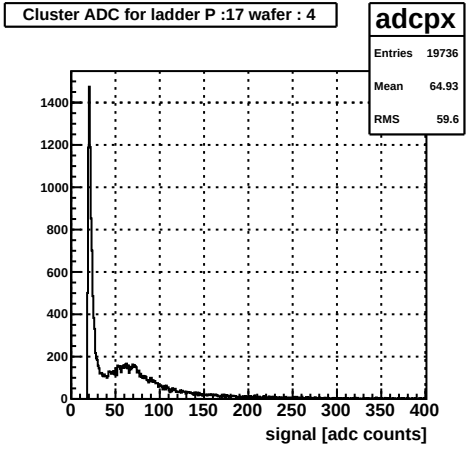

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 31225
Mean 47.4
RMS 49.93
signal [adc counts]

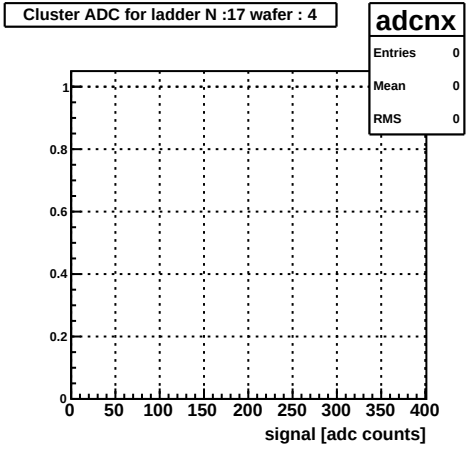

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 28882
Mean 38.42
RMS 39.09
signal [adc counts]

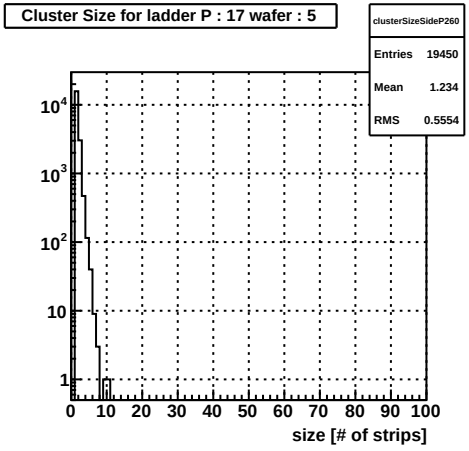

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 19736
Mean 1.305
RMS 0.6207
size [# of strips]

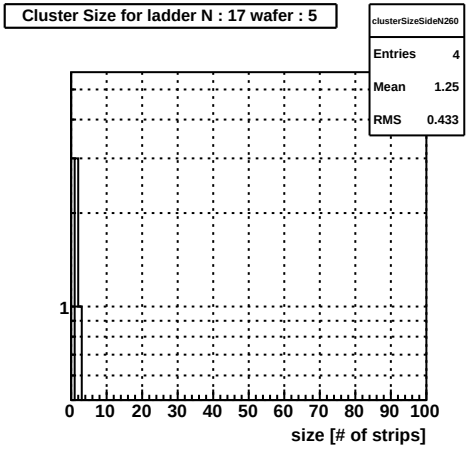

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

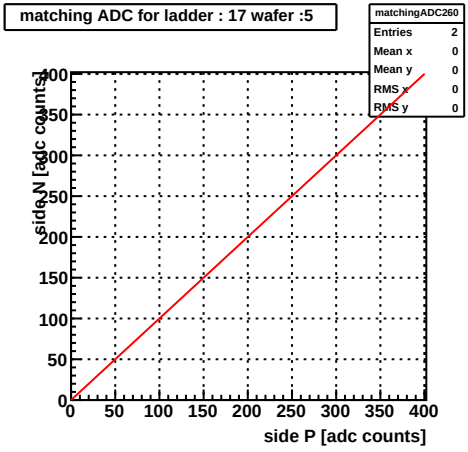

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

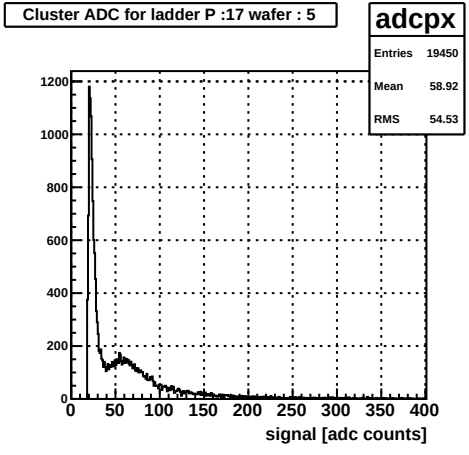

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 19736
Mean 64.93
RMS 59.6
signal [adc counts]

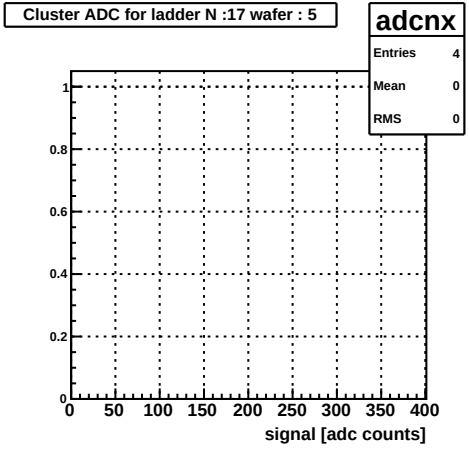

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

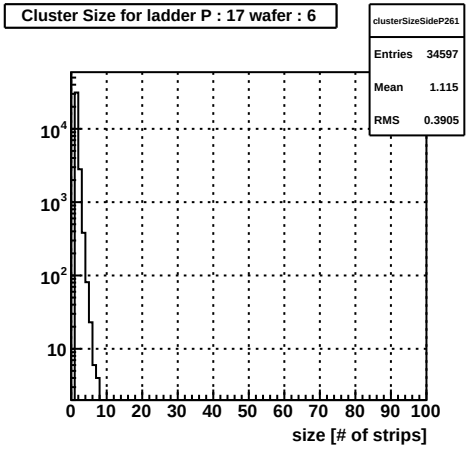

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 19450
Mean 1.234
RMS 0.5554
size [# of strips]

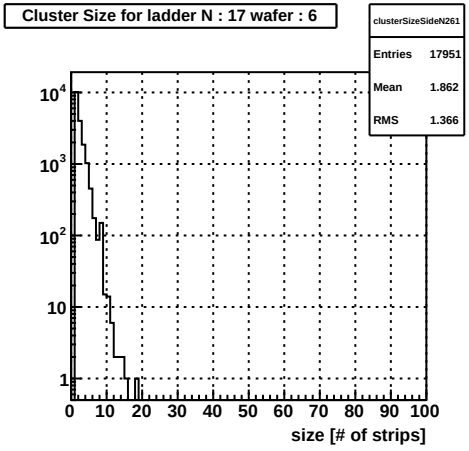

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

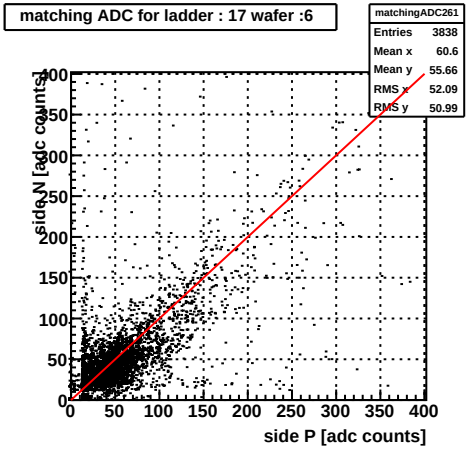

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

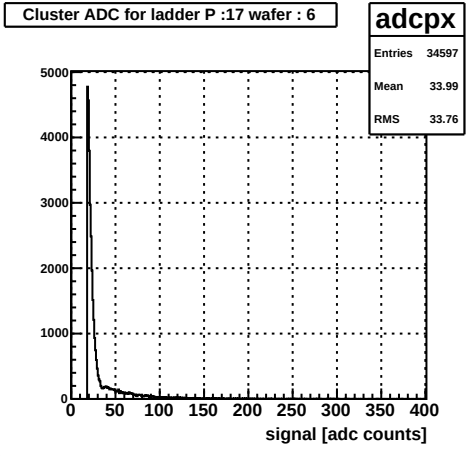

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 19450
Mean 58.92
RMS 54.53
signal [adc counts]

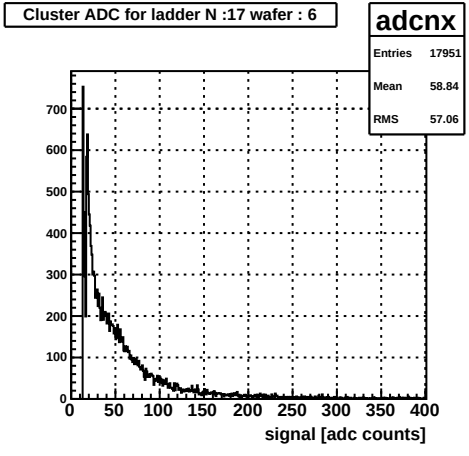

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

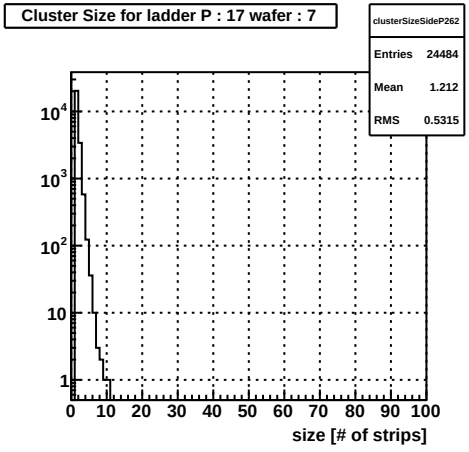

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 34597
Mean 1.115
RMS 0.3905
size [# of strips]

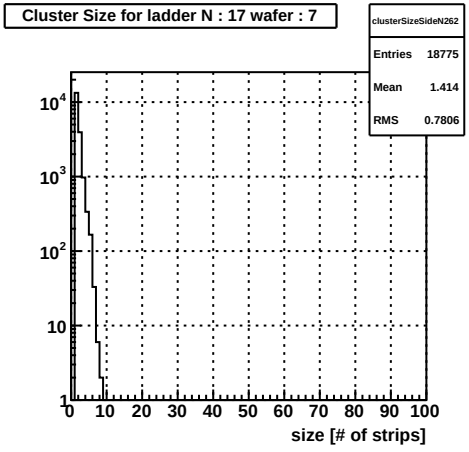

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 17951
Mean 1.862
RMS 1.366
size [# of strips]

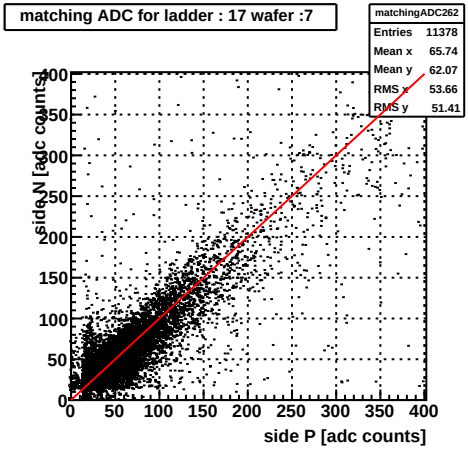

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3838
Mean x 60.6
Mean y 55.66
RMS x 52.09
RMS y 50.99
side N [adc counts]
side P [adc counts]

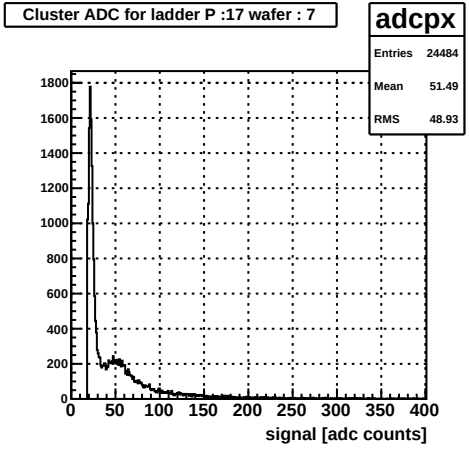

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 34597
Mean 33.99
RMS 33.76
signal [adc counts]

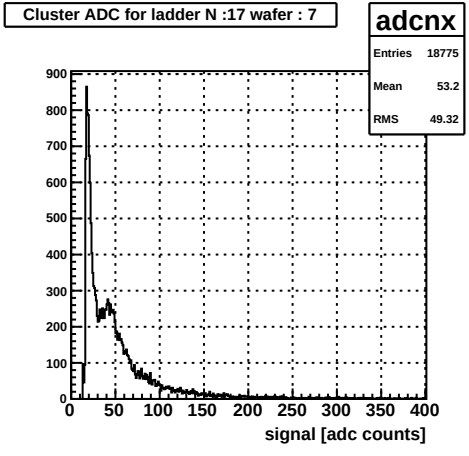

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 17951
Mean 58.84
RMS 57.06
signal [adc counts]

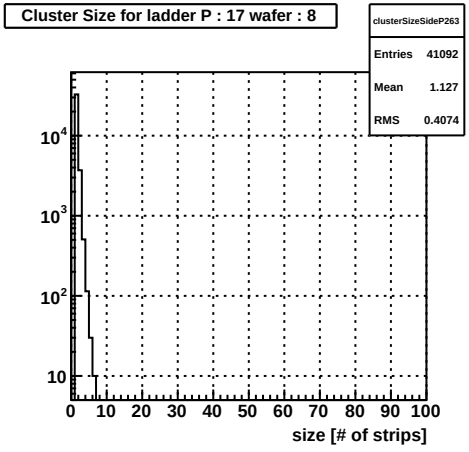

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 24484
Mean 1.212
RMS 0.5315
size [# of strips]

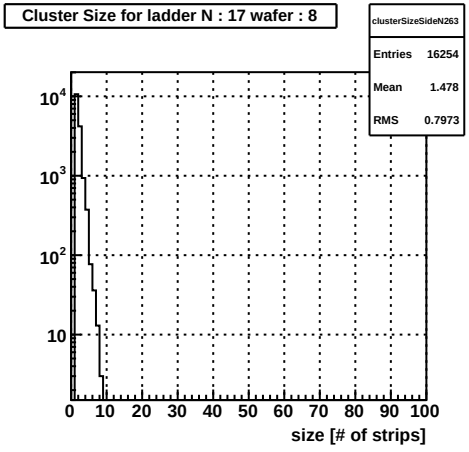

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 18775
Mean 1.414
RMS 0.7806
size [# of strips]

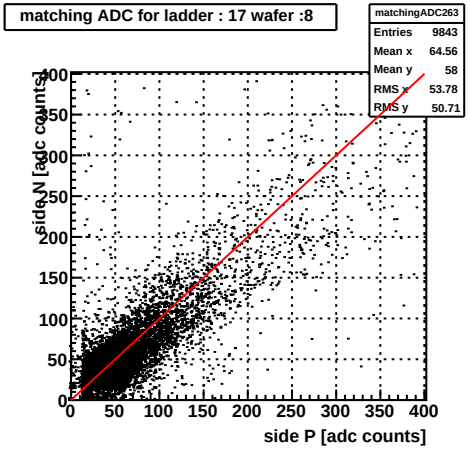

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 11378
Mean x 65.74
Mean y 62.07
RMS x 53.66
RMS y 51.41
side N [adc counts]
side P [adc counts]

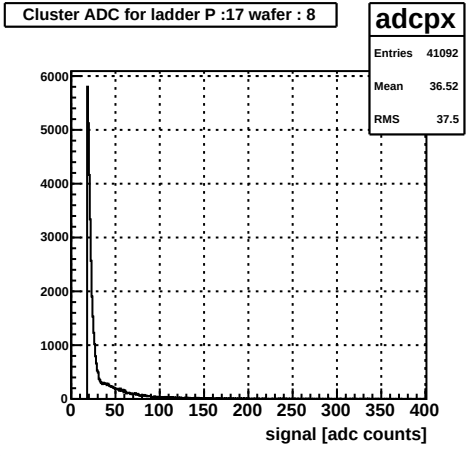

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 24484
Mean 51.49
RMS 48.93
signal [adc counts]

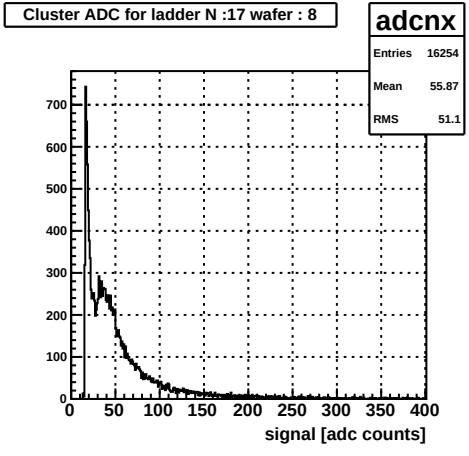

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 18775
Mean 53.2
RMS 49.32
signal [adc counts]

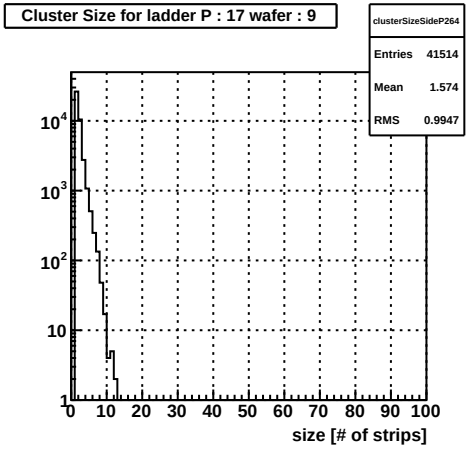

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 41092
Mean 1.127
RMS 0.4074
size [# of strips]

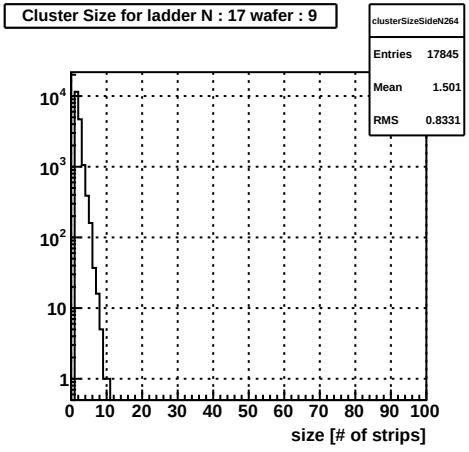

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 16254
Mean 1.478
RMS 0.7973
size [# of strips]

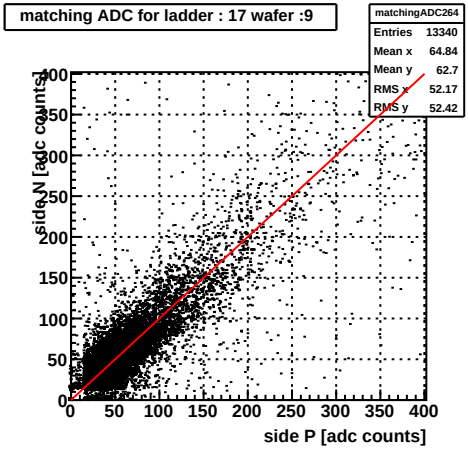

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 9843
Mean x 64.56
Mean y 58
RMS x 53.78
RMS y 50.71
side N [adc counts]
side P [adc counts]

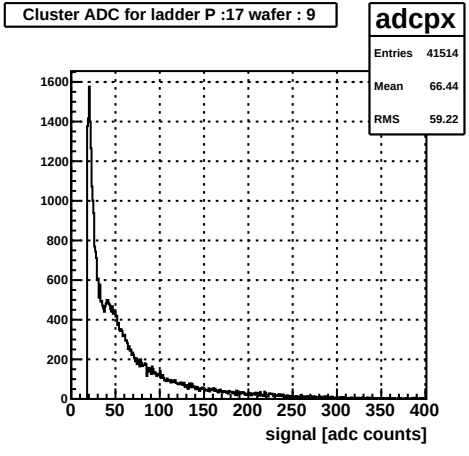

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 41092
Mean 36.52
RMS 37.5
signal [adc counts]

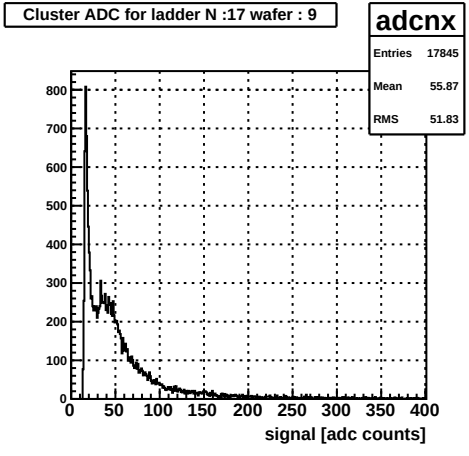

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 16254
Mean 55.87
RMS 51.1
signal [adc counts]

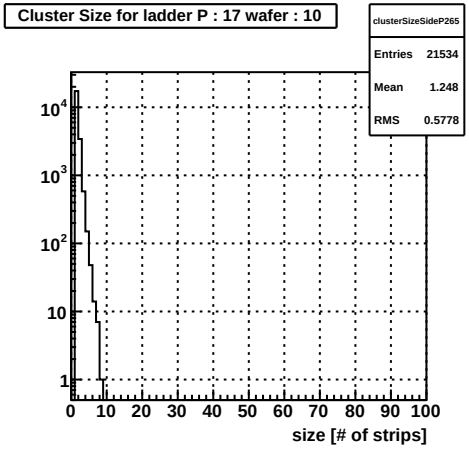

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 41514
Mean 1.574
RMS 0.9947
size [# of strips]

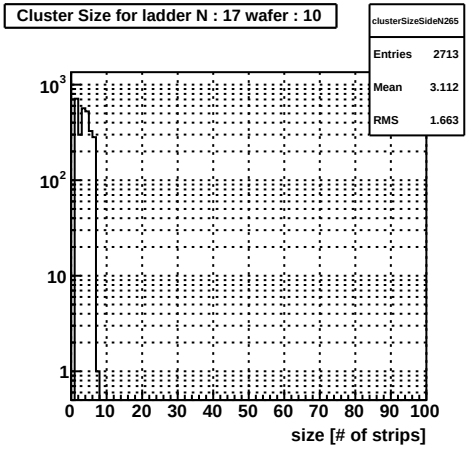

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 17845
Mean 1.501
RMS 0.8331
size [# of strips]

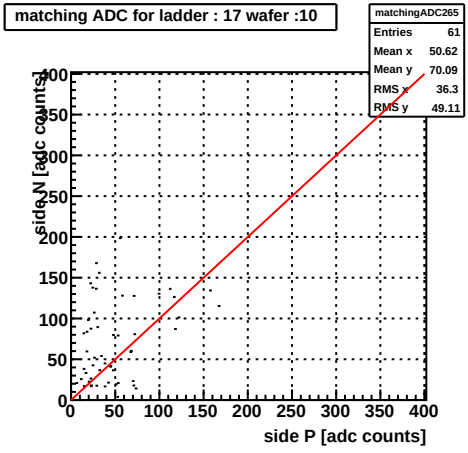

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 13340
Mean x 64.84
Mean y 62.7
RMS x 52.17
RMS y 52.42
side N [adc counts]
side P [adc counts]

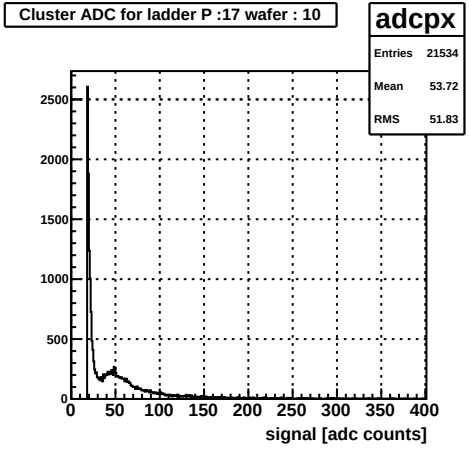

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 41514
Mean 66.44
RMS 59.22
signal [adc counts]

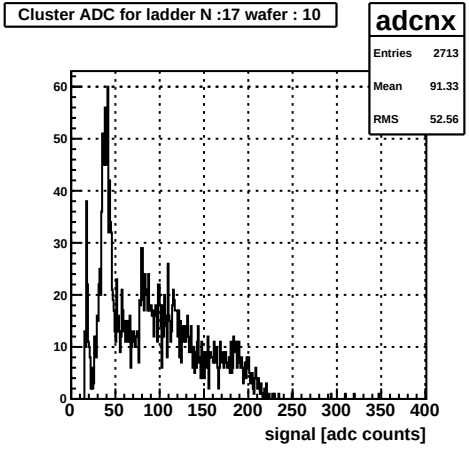

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 17845
Mean 55.87
RMS 51.83
signal [adc counts]

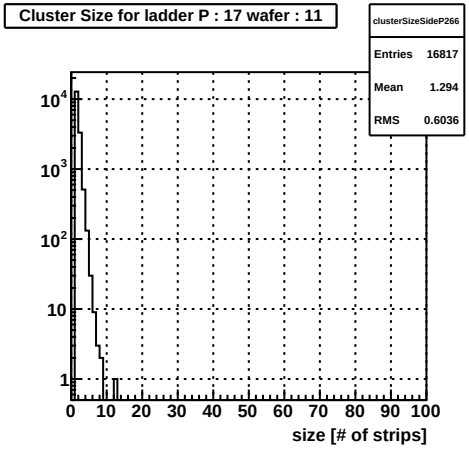

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 21534
Mean 1.248
RMS 0.5778
size [# of strips]

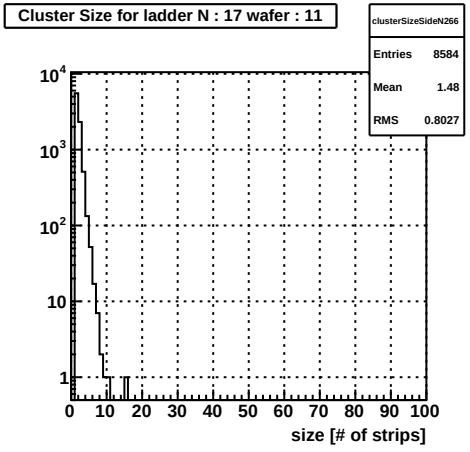

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 2713
Mean 3.112
RMS 1.663
size [# of strips]

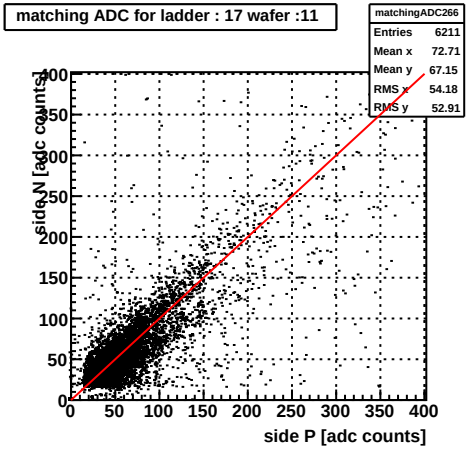

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 61
Mean x 50.62
Mean y 70.09
RMS x 36.3
RMS y 49.11
side N [adc counts]
side P [adc counts]

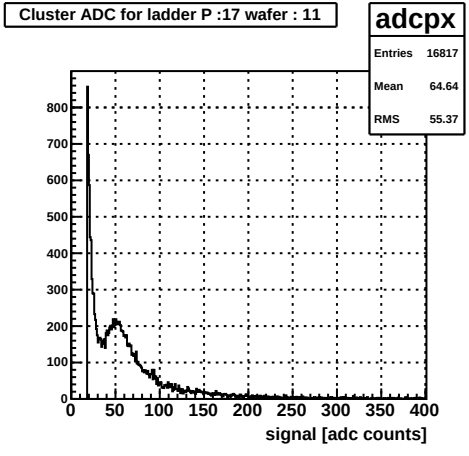

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 21534
Mean 53.72
RMS 51.83
signal [adc counts]

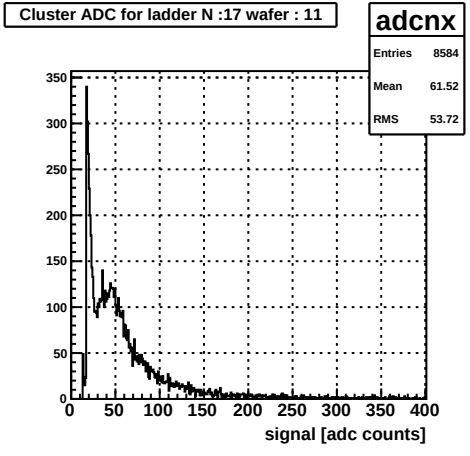

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 2713
Mean 91.33
RMS 52.56
signal [adc counts]

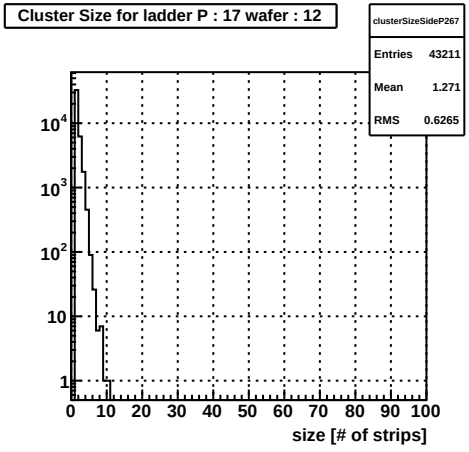

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 16817
Mean 1.294
RMS 0.6036
size [# of strips]

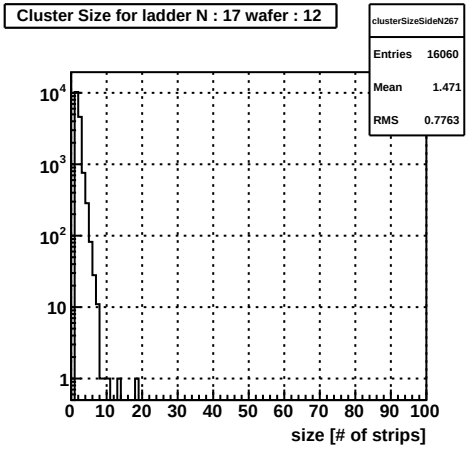

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 8584
Mean 1.48
RMS 0.8027
size [# of strips]

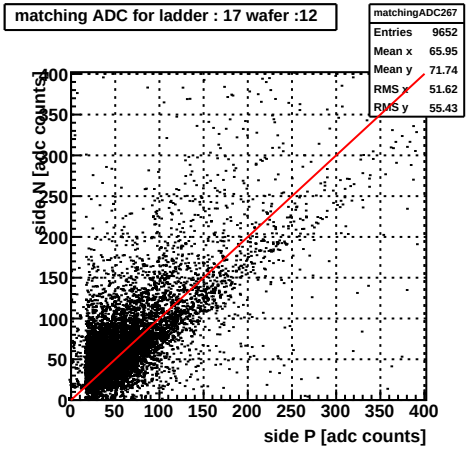

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6211
Mean x 72.71
Mean y 67.15
RMS x 54.18
RMS y 52.91
side N [adc counts]
side P [adc counts]

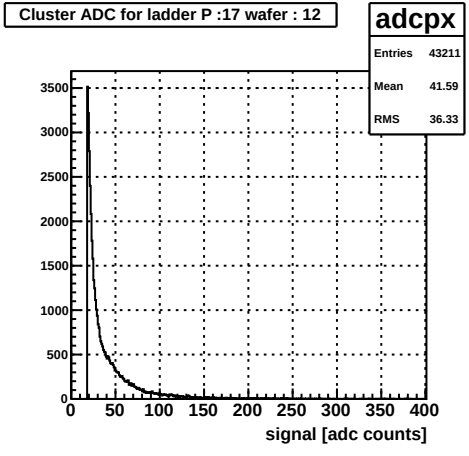

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 16817
Mean 64.64
RMS 55.37
signal [adc counts]

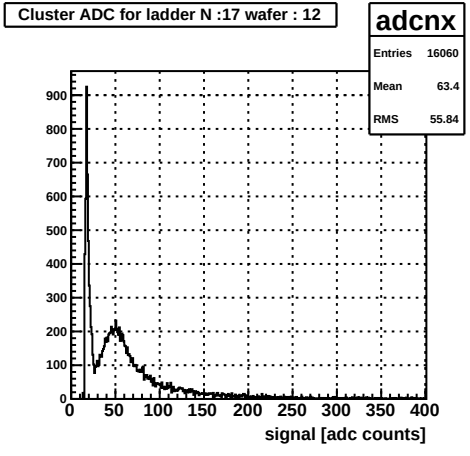

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 8584
Mean 61.52
RMS 53.72
signal [adc counts]

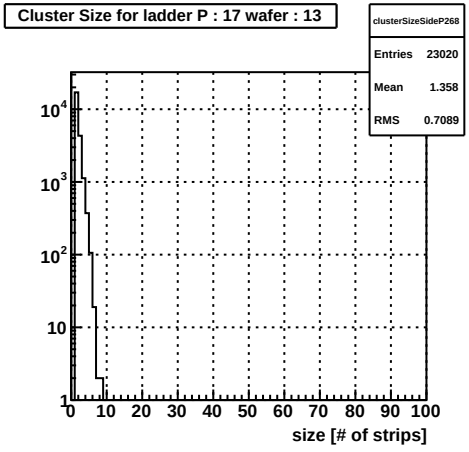

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 43211
Mean 1.271
RMS 0.6265
size [# of strips]

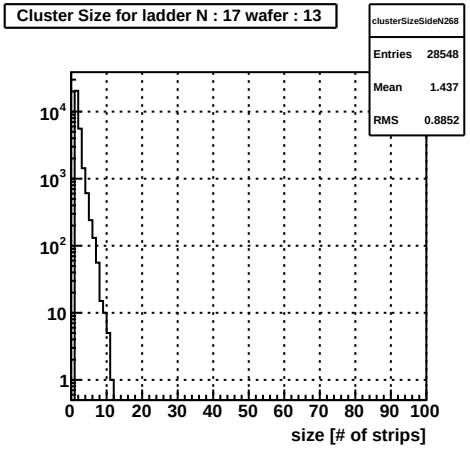

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 16060
Mean 1.471
RMS 0.7763
size [# of strips]

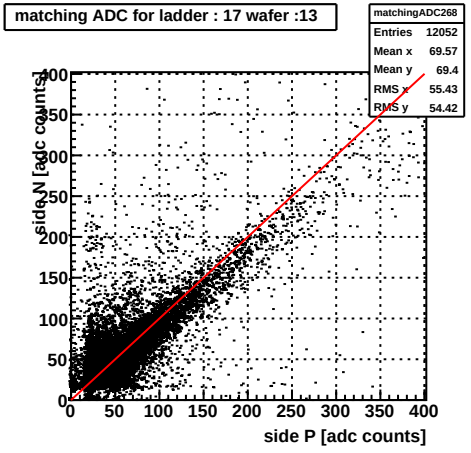

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 9652
Mean x 65.95
Mean y 71.74
RMS x 51.62
RMS y 55.43
side N [adc counts]
side P [adc counts]

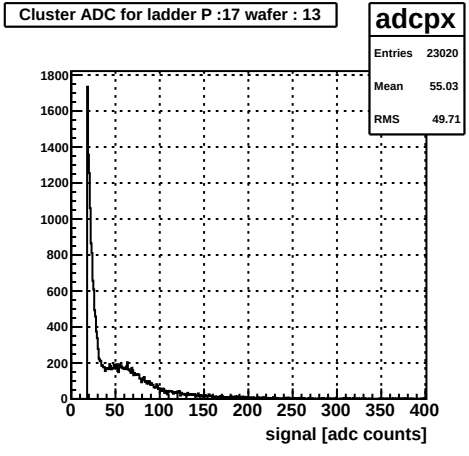

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 43211
Mean 41.59
RMS 36.33
signal [adc counts]

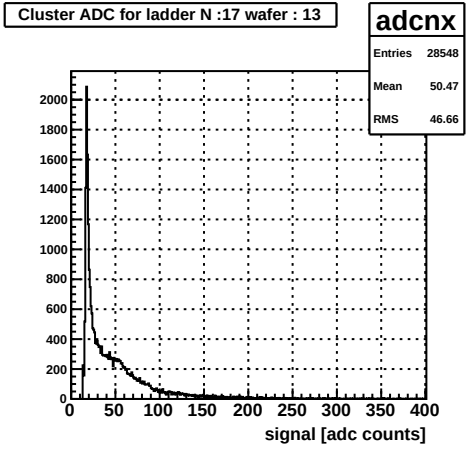

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 16060
Mean 63.4
RMS 55.84
signal [adc counts]

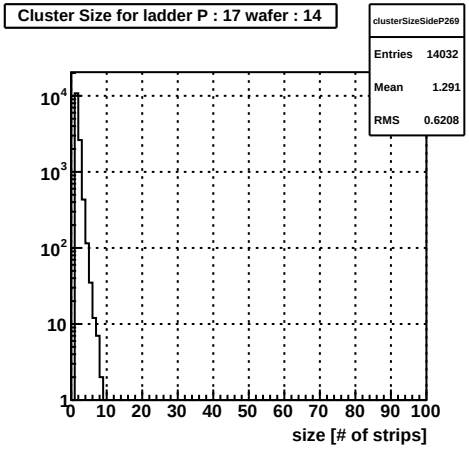

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 23020
Mean 1.358
RMS 0.7089
size [# of strips]

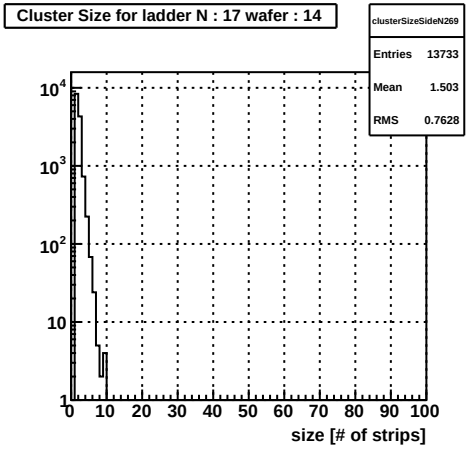

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 28548
Mean 1.437
RMS 0.8852
size [# of strips]

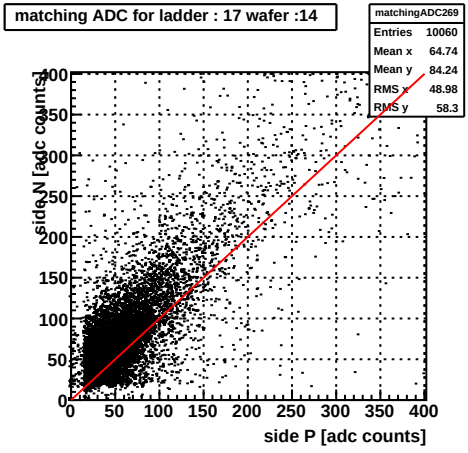

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 12052
Mean x 69.57
Mean y 69.4
RMS x 55.43
RMS y 54.42
side N [adc counts]
side P [adc counts]

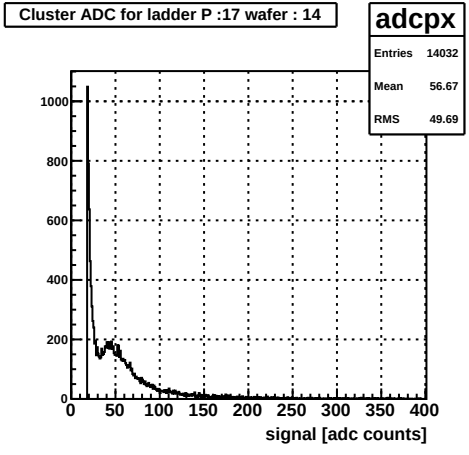

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 23020
Mean 55.03
RMS 49.71
signal [adc counts]

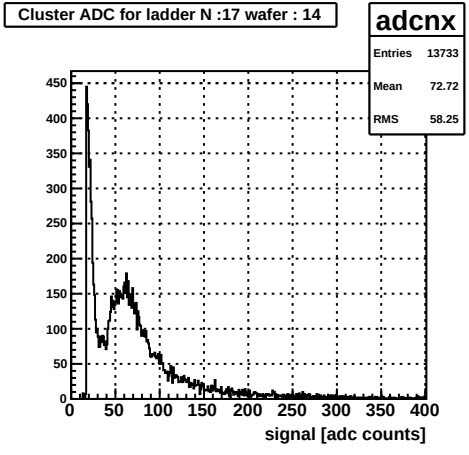

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 28548
Mean 50.47
RMS 46.66
signal [adc counts]

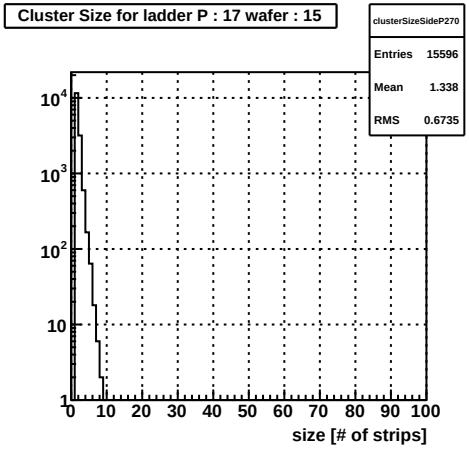

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 14032
Mean 1.291
RMS 0.6208
size [# of strips]

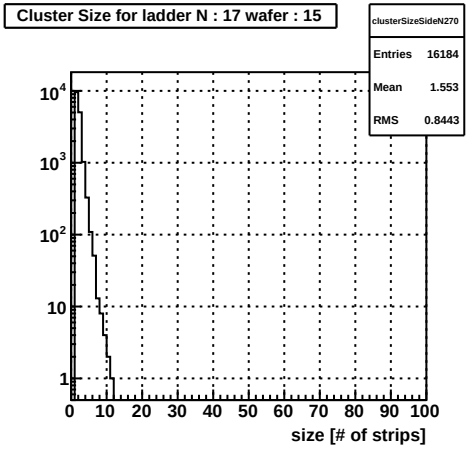

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 13733
Mean 1.503
RMS 0.7628
size [# of strips]

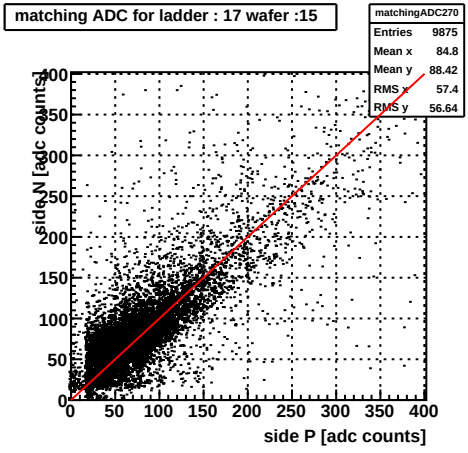

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 10060
Mean x 64.74
Mean y 84.24
RMS x 48.98
RMS y 58.3
side N [adc counts]
side P [adc counts]

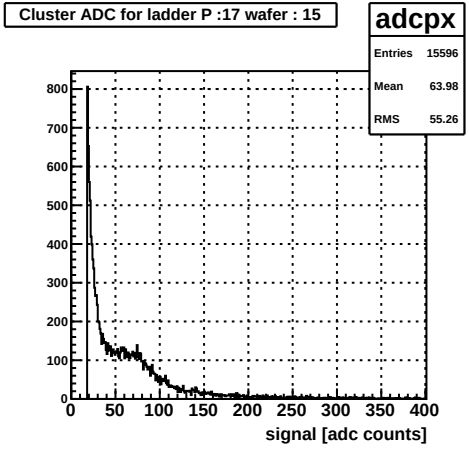

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 14032
Mean 56.67
RMS 49.69
signal [adc counts]

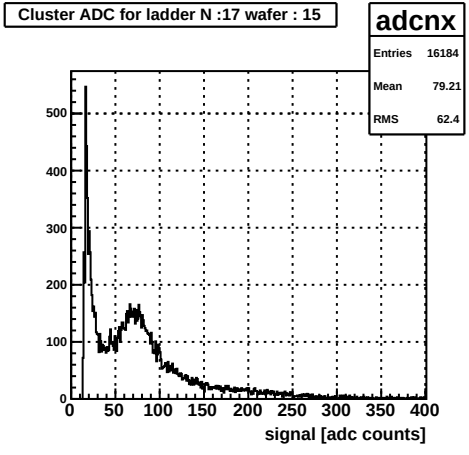

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 13733
Mean 72.72
RMS 58.25
signal [adc counts]

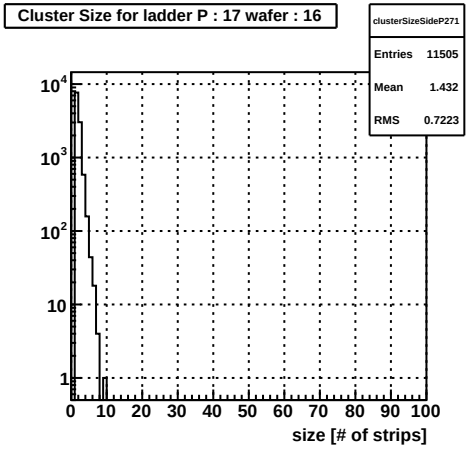

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 15596
Mean 1.338
RMS 0.6735
size [# of strips]

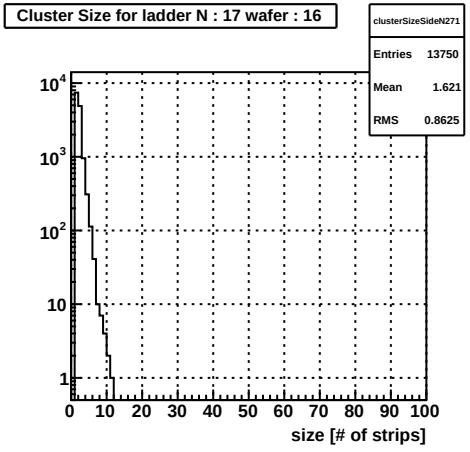

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 16184
Mean 1.553
RMS 0.8443
size [# of strips]

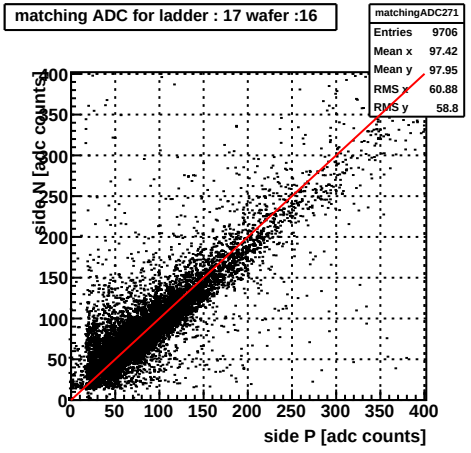

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 9875
Mean x 84.8
Mean y 88.42
RMS x 57.4
RMS y 56.64
side N [adc counts]
side P [adc counts]

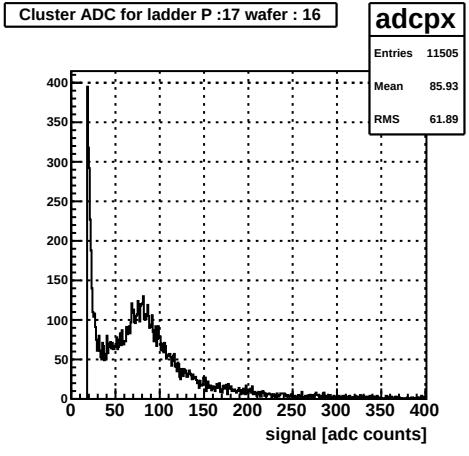

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 15596
Mean 63.98
RMS 55.26
signal [adc counts]

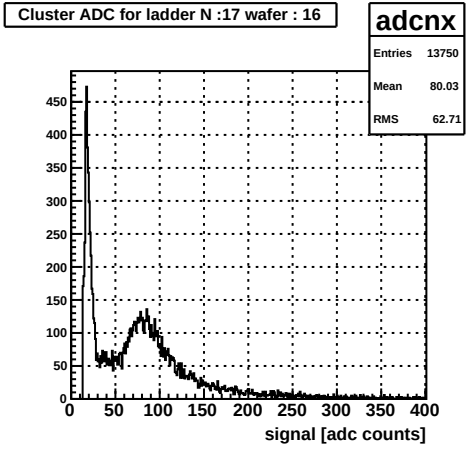

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 16184
Mean 79.21
RMS 62.4
signal [adc counts]

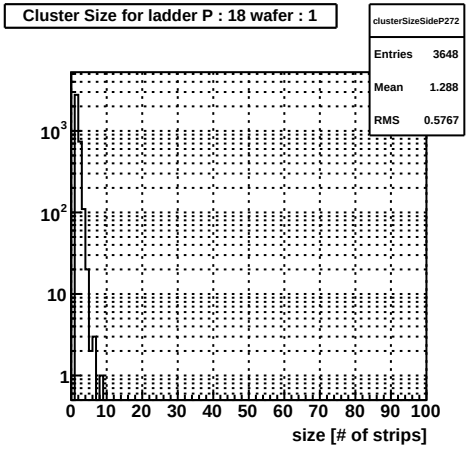

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 11505
Mean 1.432
RMS 0.7223
size [# of strips]

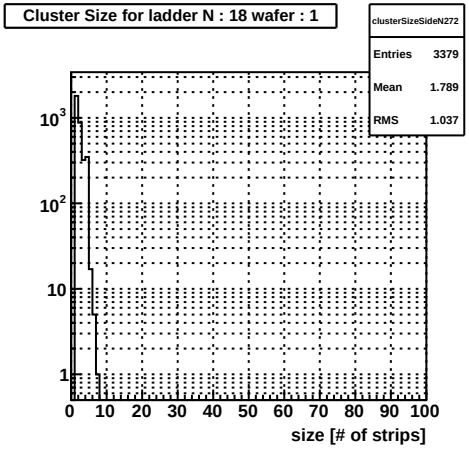

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 13750
Mean 1.621
RMS 0.8625
size [# of strips]

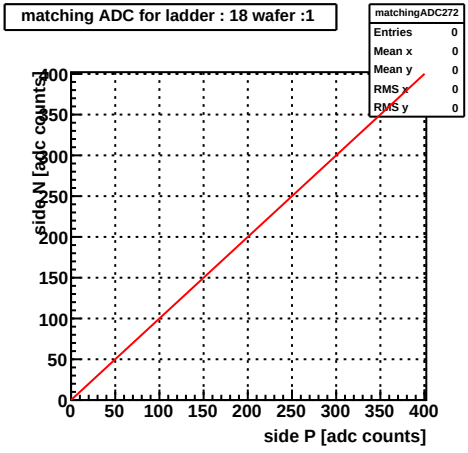

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 9706
Mean x 97.42
Mean y 97.95
RMS x 60.88
RMS y 58.8
side N [adc counts]
side P [adc counts]

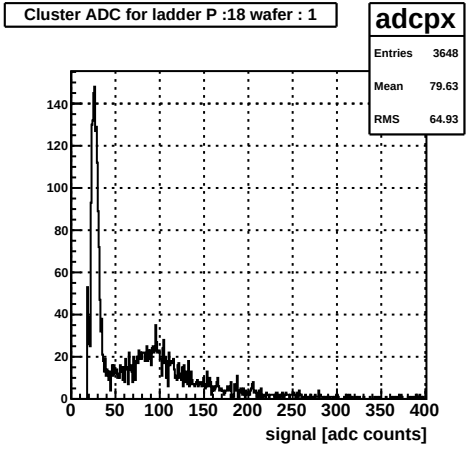

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 11505
Mean 85.93
RMS 61.89
signal [adc counts]

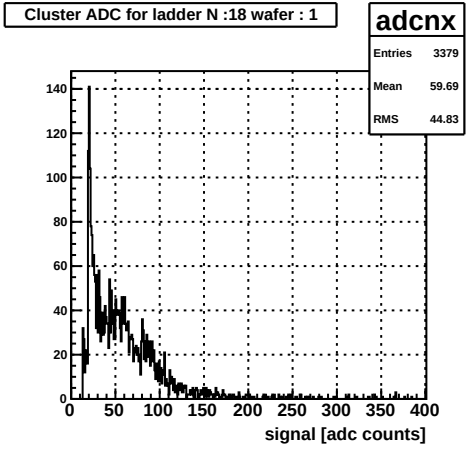

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 13750
Mean 80.03
RMS 62.71
signal [adc counts]

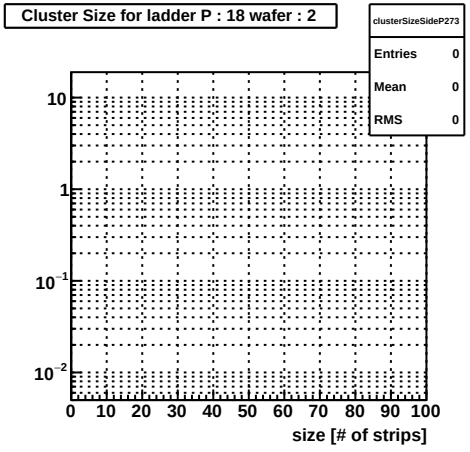

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 3648
Mean 1.288
RMS 0.5767
size [# of strips]

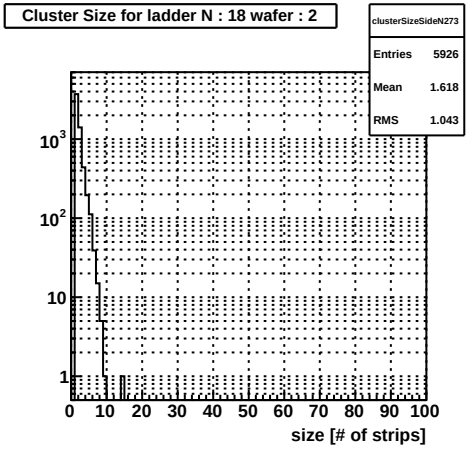

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3379
Mean 1.789
RMS 1.037
size [# of strips]

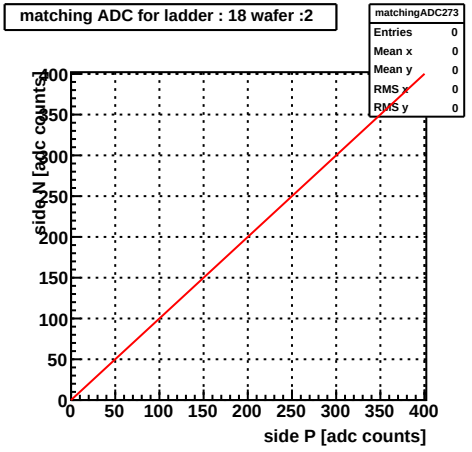

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

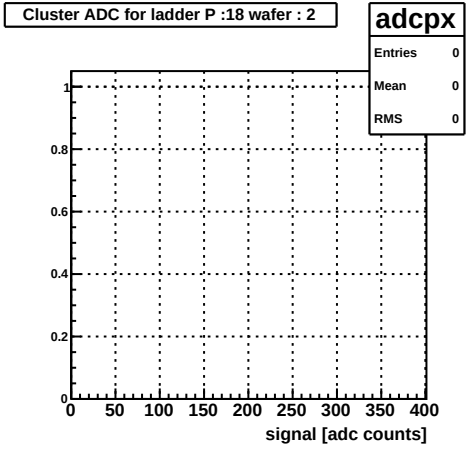

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 3648
Mean 79.63
RMS 64.93
signal [adc counts]

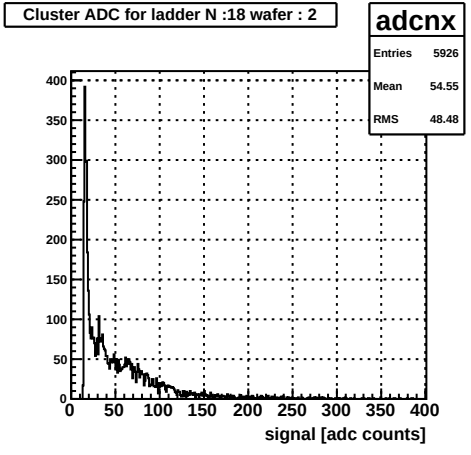

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3379
Mean 59.69
RMS 44.83
signal [adc counts]

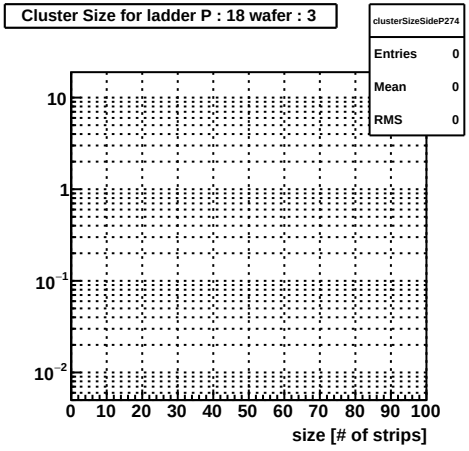

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

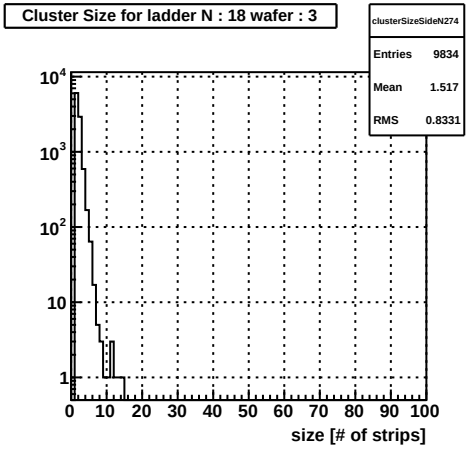

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5926
Mean 1.618
RMS 1.043
size [# of strips]

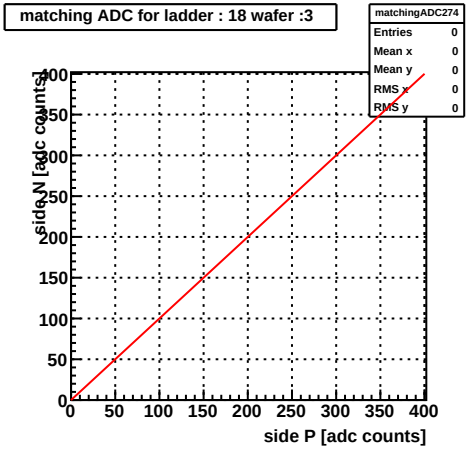

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

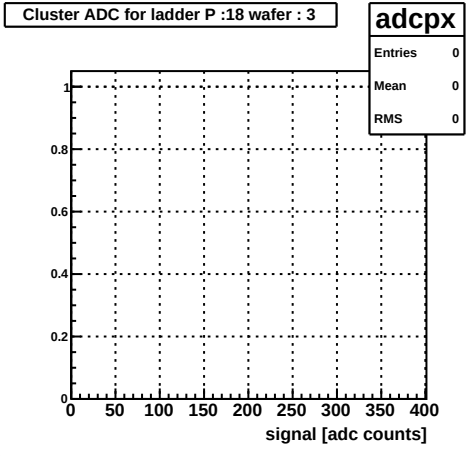

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

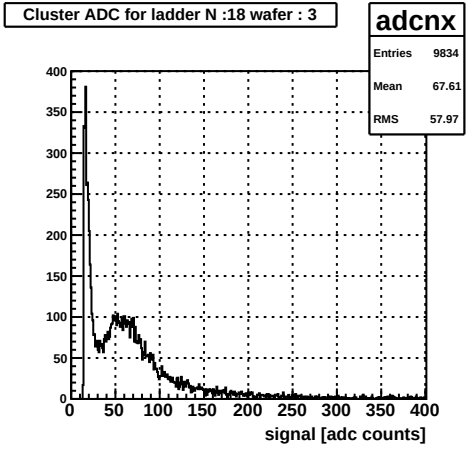

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5926
Mean 54.55
RMS 48.48
signal [adc counts]

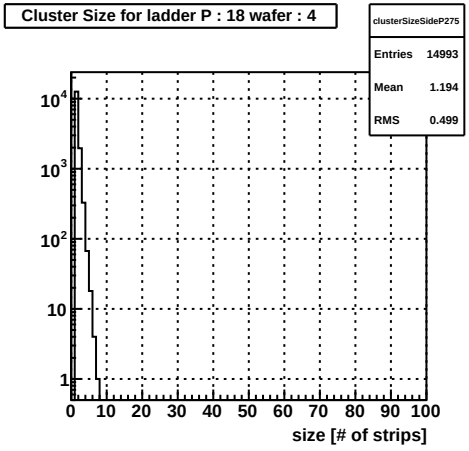

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

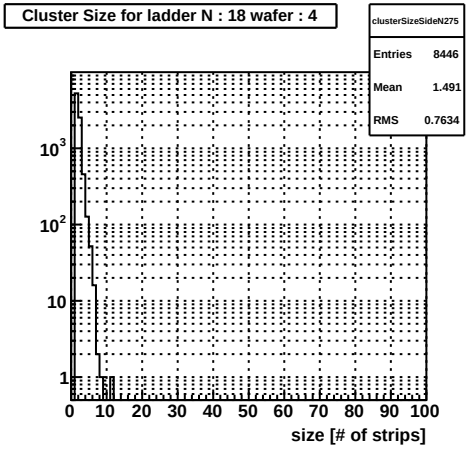

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 9834
Mean 1.517
RMS 0.8331
size [# of strips]

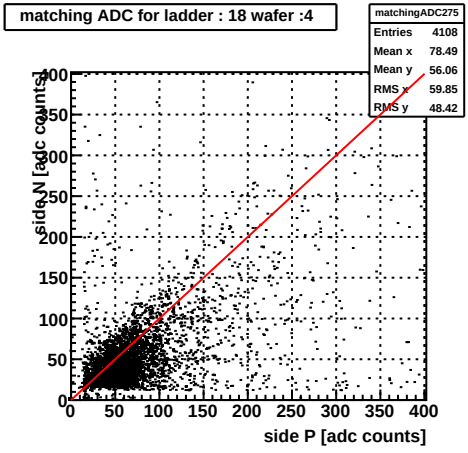

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

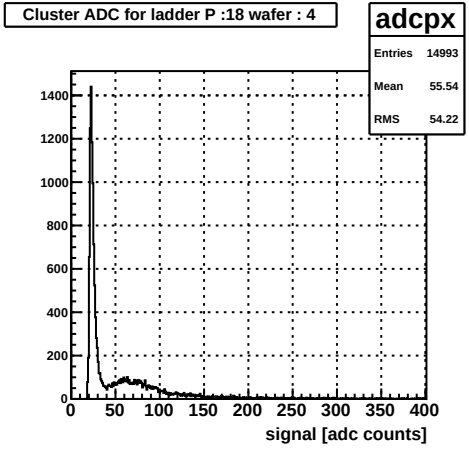

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

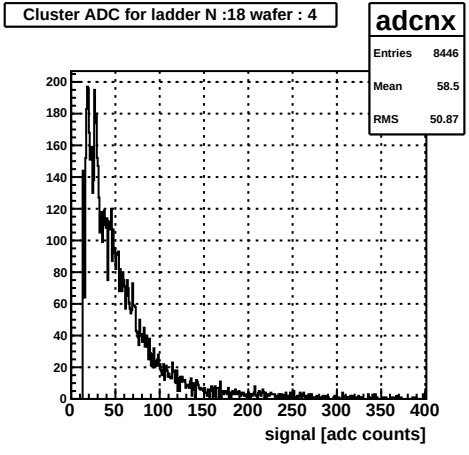

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 9834
Mean 67.61
RMS 57.97
signal [adc counts]

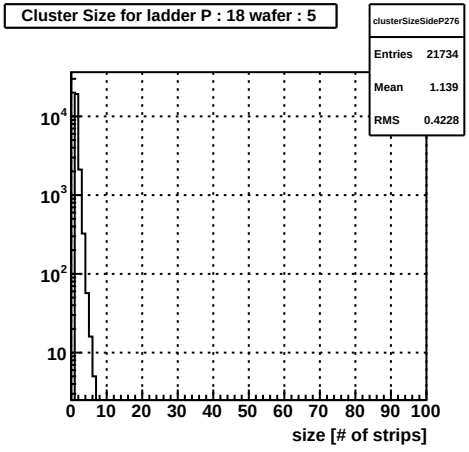

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 14993
Mean 1.194
RMS 0.499
size [# of strips]

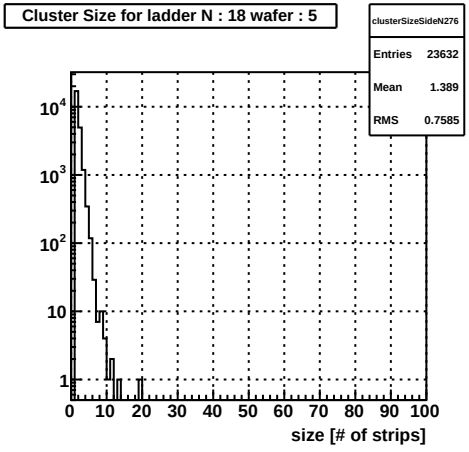

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 8446
Mean 1.491
RMS 0.7634
size [# of strips]

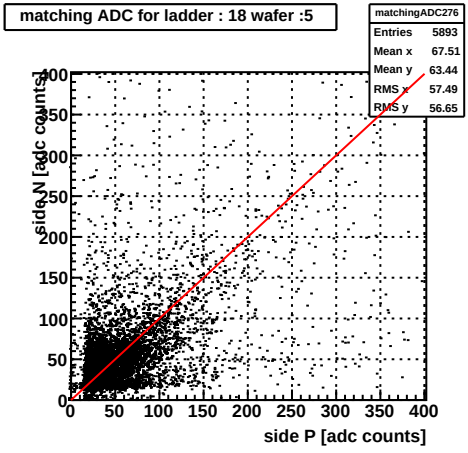

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4108
Mean x 78.49
Mean y 56.06
RMS x 59.85
RMS y 48.42
side N [adc counts]
side P [adc counts]

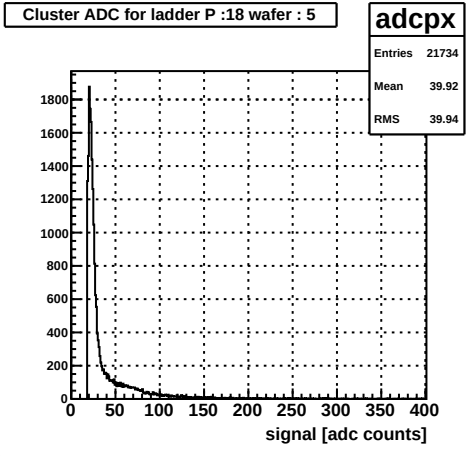

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 14993
Mean 55.54
RMS 54.22
signal [adc counts]

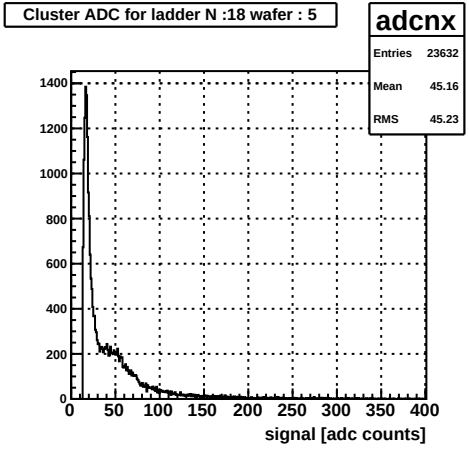

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 8446
Mean 58.5
RMS 50.87
signal [adc counts]

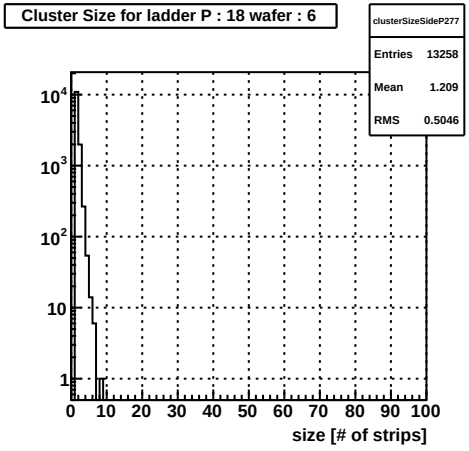

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 21734
Mean 1.139
RMS 0.4228
size [# of strips]

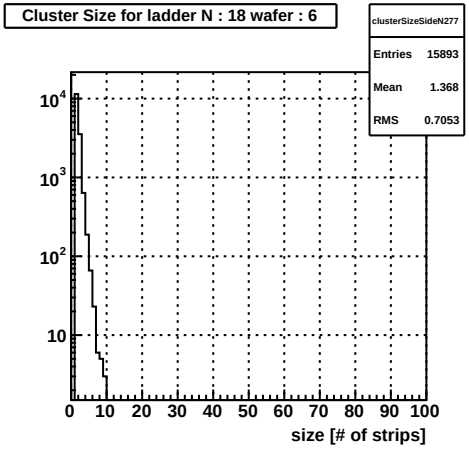

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 23632
Mean 1.389
RMS 0.7585
size [# of strips]

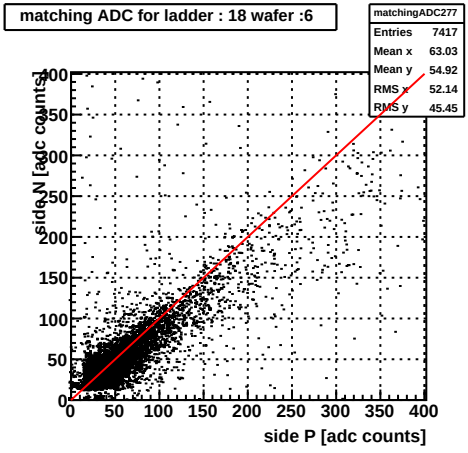

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 5893
Mean x 67.51
Mean y 63.44
RMS x 57.49
RMS y 56.65
side N [adc counts]
side P [adc counts]

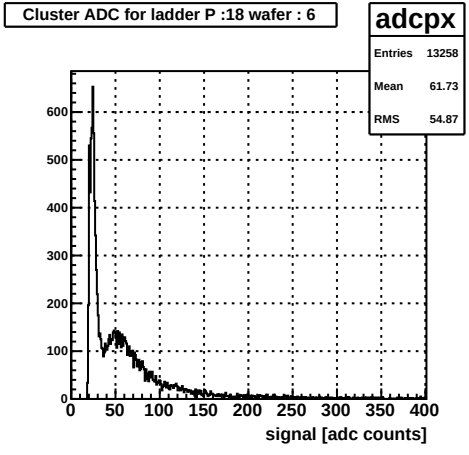

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 21734
Mean 39.92
RMS 39.94
signal [adc counts]

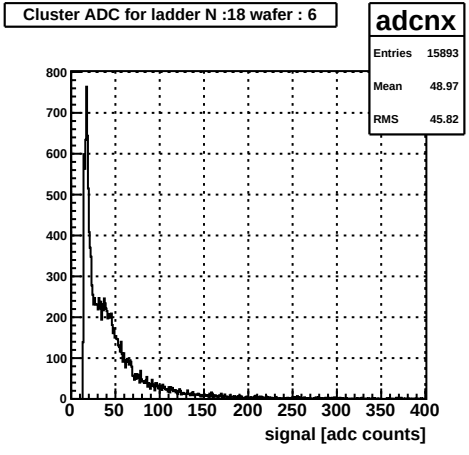

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 23632
Mean 45.16
RMS 45.23
signal [adc counts]

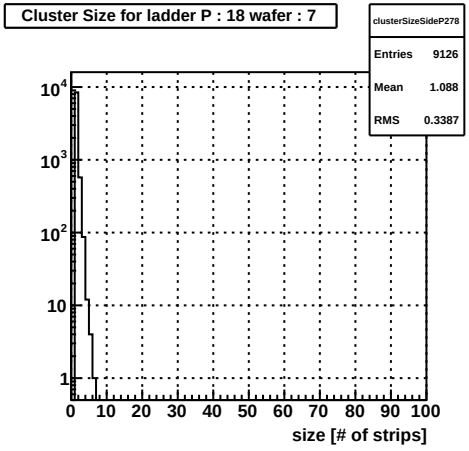

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 13258
Mean 1.209
RMS 0.5046
size [# of strips]

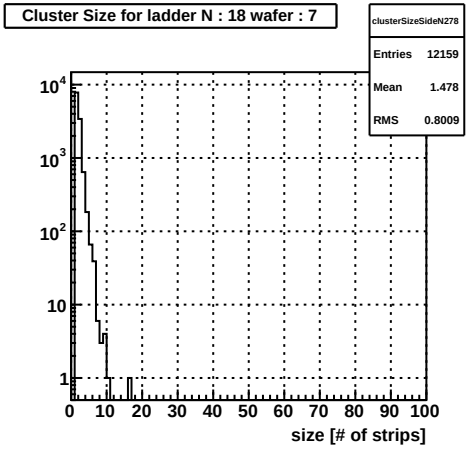

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 15893
Mean 1.368
RMS 0.7053
size [# of strips]

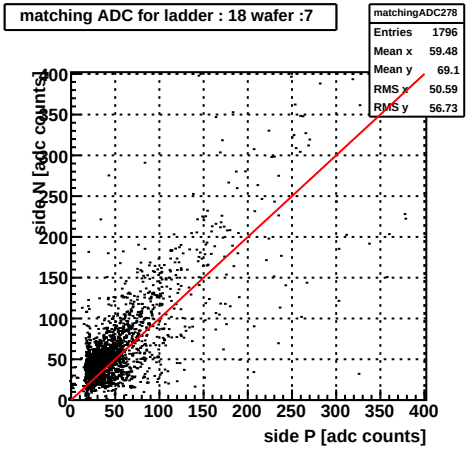

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 7417
Mean x 63.03
Mean y 54.92
RMS x 52.14
RMS y 45.45
side N [adc counts]
side P [adc counts]

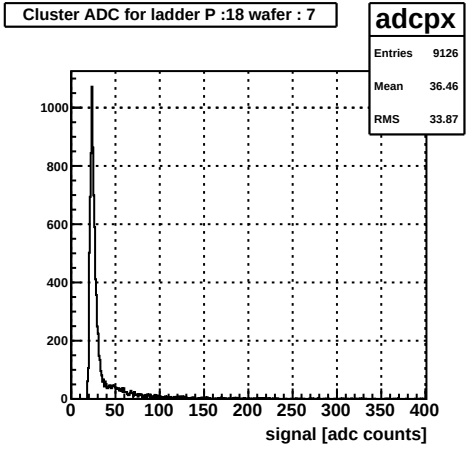

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 13258
Mean 61.73
RMS 54.87
signal [adc counts]

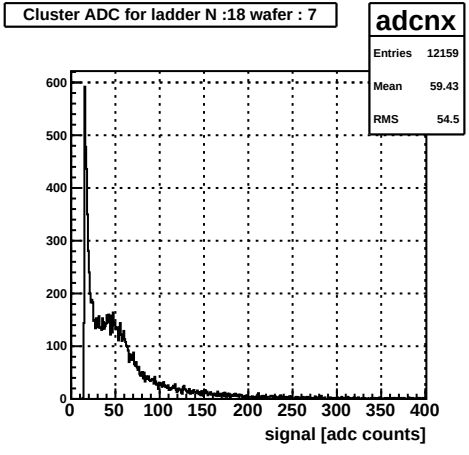

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 15893
Mean 48.97
RMS 45.82
signal [adc counts]

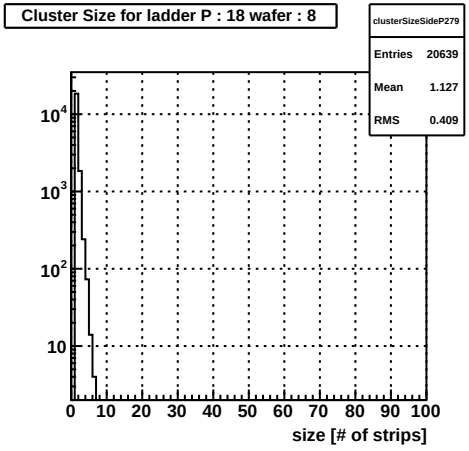

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9126
Mean 1.088
RMS 0.3387
size [# of strips]

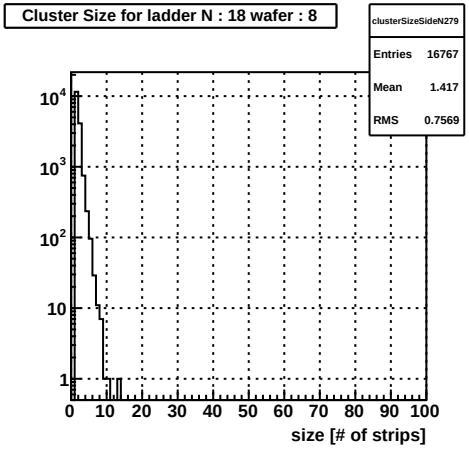

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 12159
Mean 1.478
RMS 0.8009
size [# of strips]

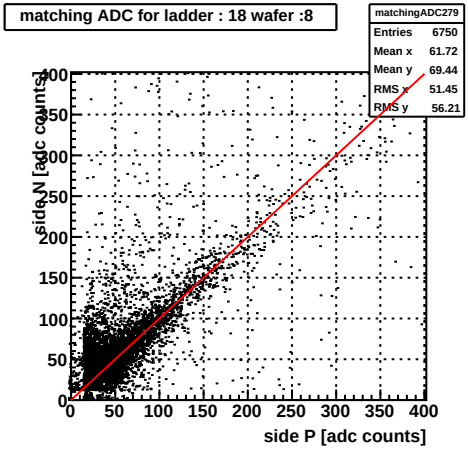

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1796
Mean x 59.48
Mean y 69.1
RMS x 50.59
RMS y 56.73
side N [adc counts]
side P [adc counts]

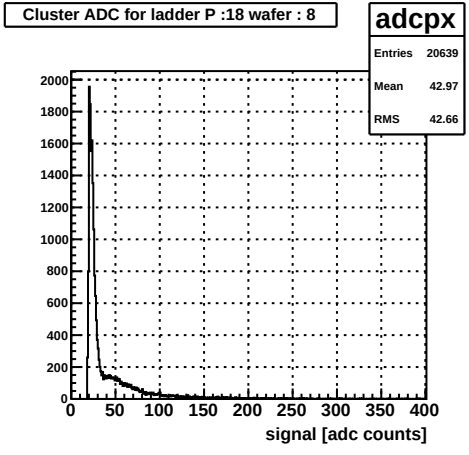

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9126
Mean 36.46
RMS 33.87
signal [adc counts]

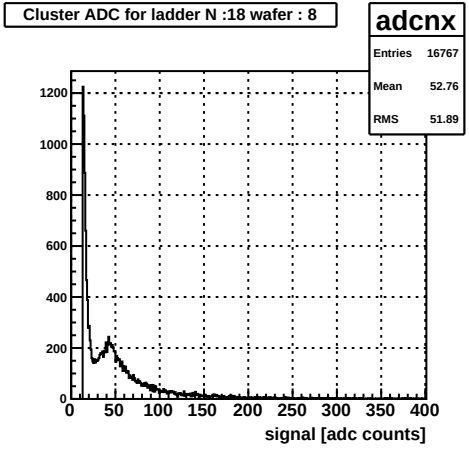

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 12159
Mean 59.43
RMS 54.5
signal [adc counts]

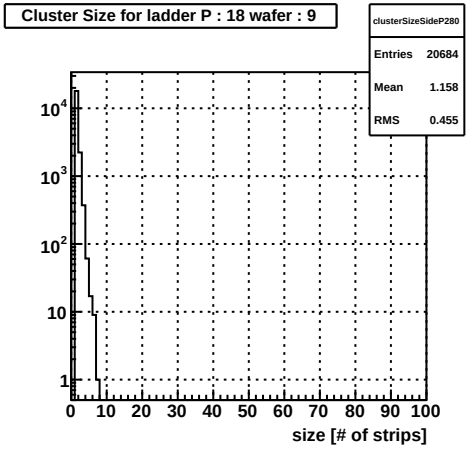

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 20639
Mean 1.127
RMS 0.409
size [# of strips]

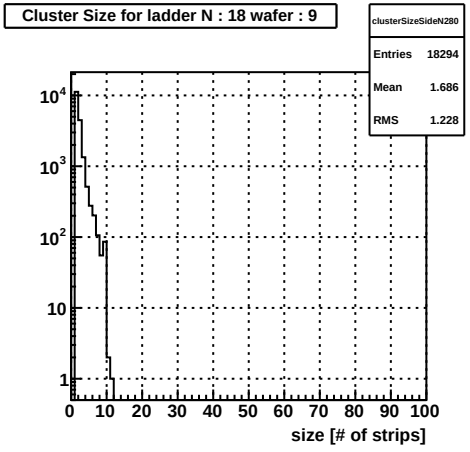

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 16767
Mean 1.417
RMS 0.7569
size [# of strips]

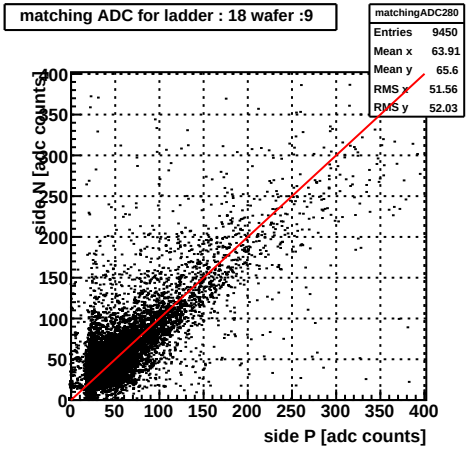

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6750
Mean x 61.72
Mean y 69.44
RMS x 51.45
RMS y 56.21
side N [adc counts]
side P [adc counts]

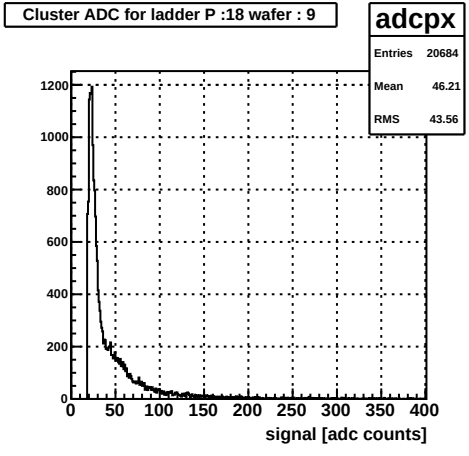

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 20639
Mean 42.97
RMS 42.66
signal [adc counts]

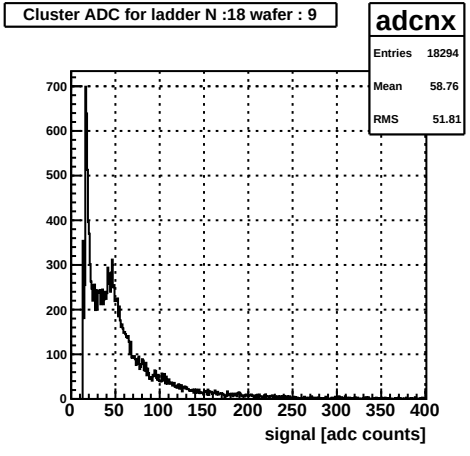

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 16767
Mean 52.76
RMS 51.89
signal [adc counts]

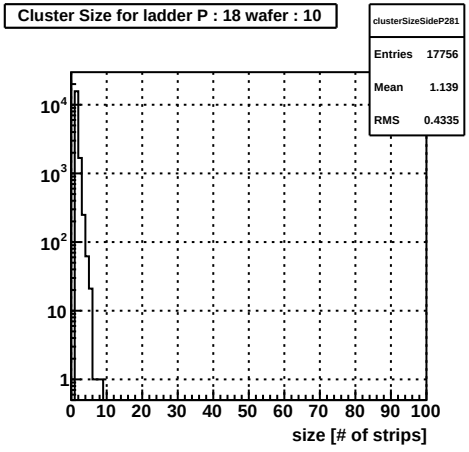

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 20684
Mean 1.158
RMS 0.455
size [# of strips]

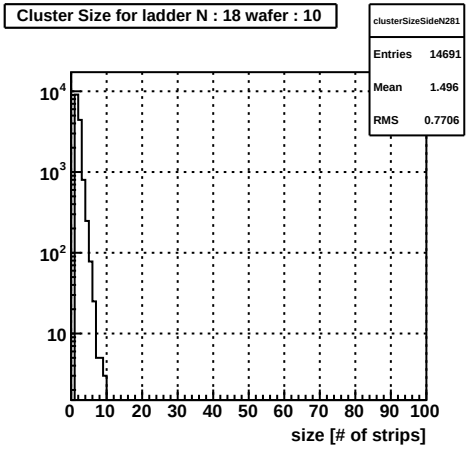

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 18294
Mean 1.686
RMS 1.228
size [# of strips]

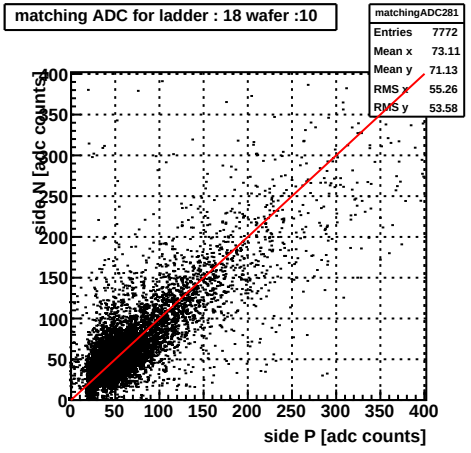

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 9450
Mean x 63.91
Mean y 65.6
RMS x 51.56
RMS y 52.03
side N [adc counts]
side P [adc counts]

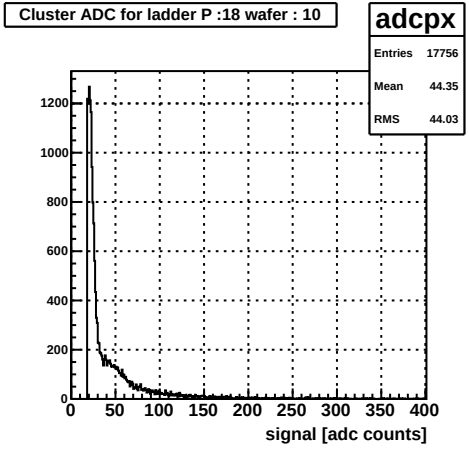

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 20684
Mean 46.21
RMS 43.56
signal [adc counts]

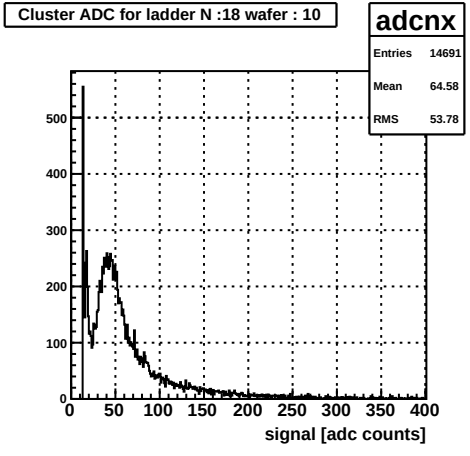

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 18294
Mean 58.76
RMS 51.81
signal [adc counts]

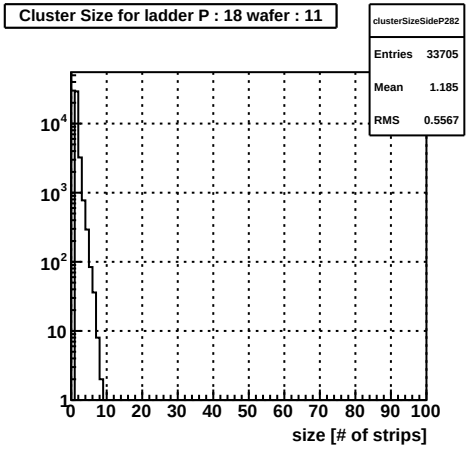

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 17756
Mean 1.139
RMS 0.4335
size [# of strips]

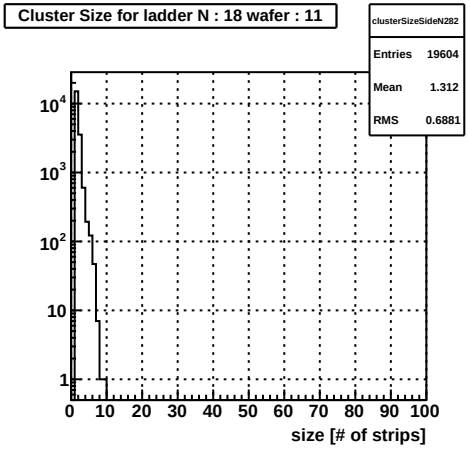

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 14691
Mean 1.496
RMS 0.7706
size [# of strips]

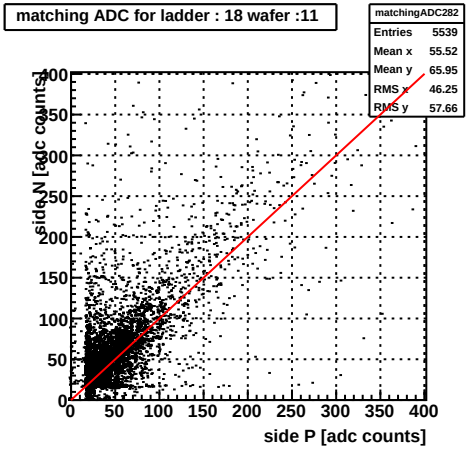

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 7772
Mean x 73.11
Mean y 71.13
RMS x 55.26
RMS y 53.58
side N [adc counts]
side P [adc counts]

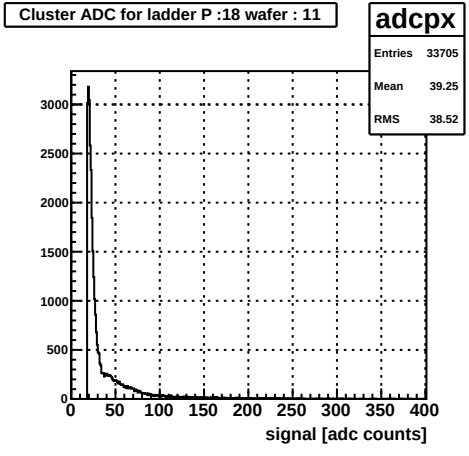

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 17756
Mean 44.35
RMS 44.03
signal [adc counts]

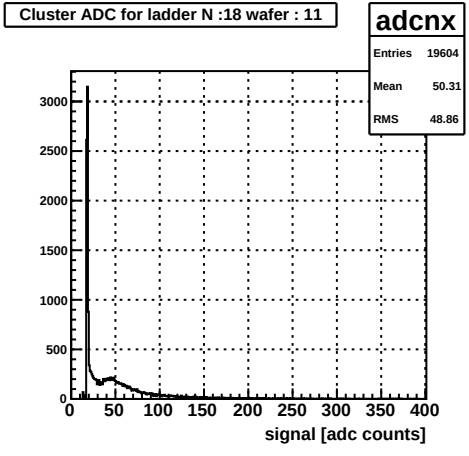

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 14691
Mean 64.58
RMS 53.78
signal [adc counts]

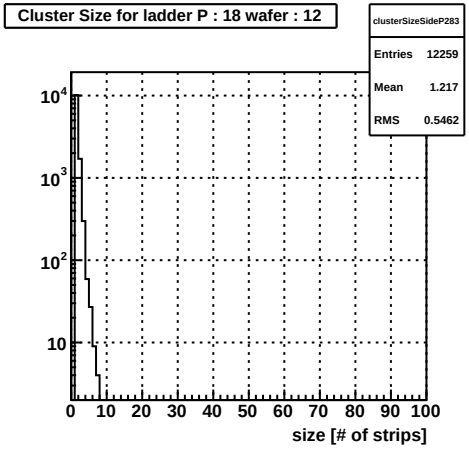

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 33705
Mean 1.185
RMS 0.5567
size [# of strips]

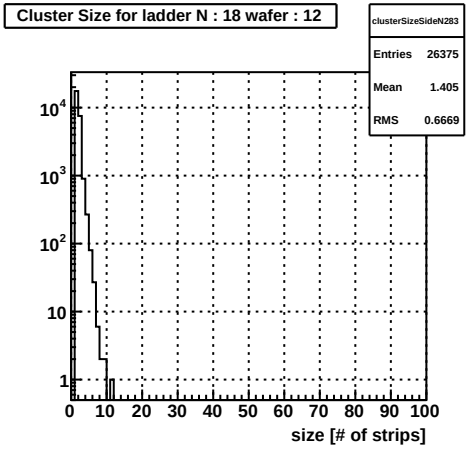

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 19604
Mean 1.312
RMS 0.6881
size [# of strips]

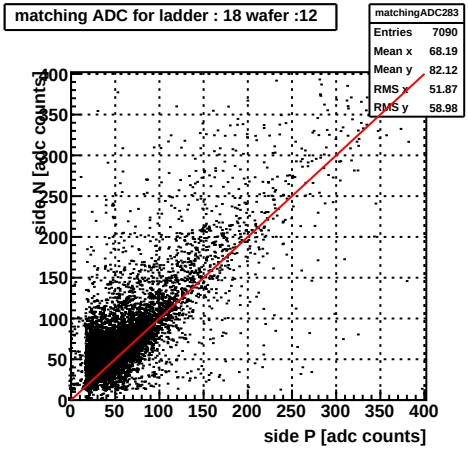

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5539
Mean x 55.52
Mean y 65.95
RMS x 46.25
RMS y 57.66
side N [adc counts]
side P [adc counts]

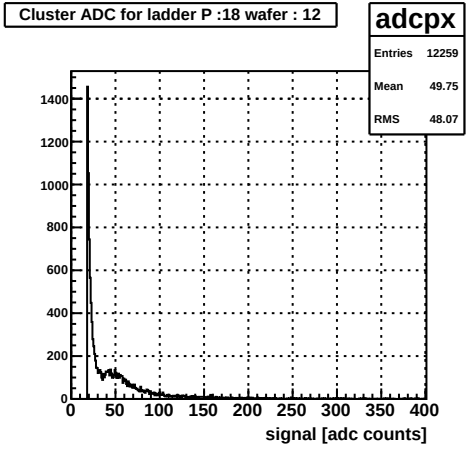

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 33705
Mean 39.25
RMS 38.52
signal [adc counts]

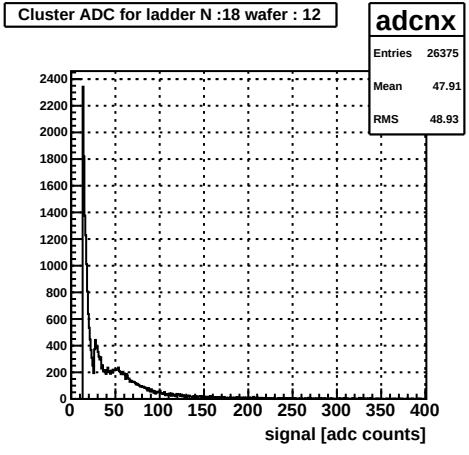

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 19604
Mean 50.31
RMS 48.86
signal [adc counts]

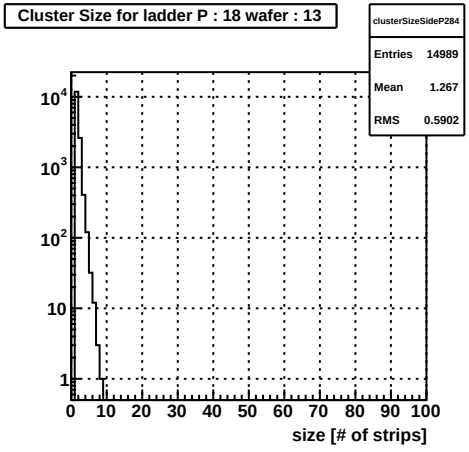

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12259
Mean 1.217
RMS 0.5462
size [# of strips]

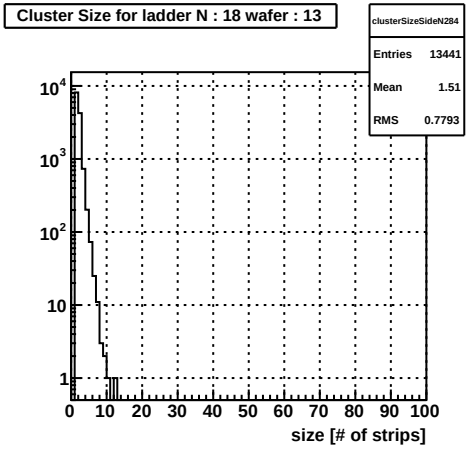

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 26375
Mean 1.405
RMS 0.6669
size [# of strips]

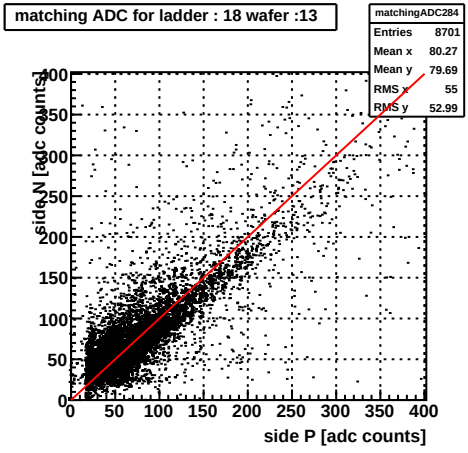

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 7090
Mean x 68.19
Mean y 82.12
RMS x 51.87
RMS y 58.98
side N [adc counts]
side P [adc counts]

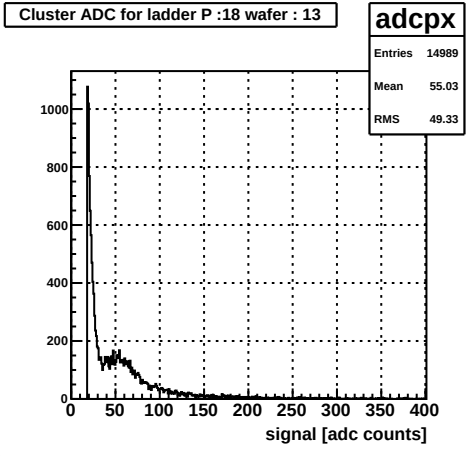

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12259
Mean 49.75
RMS 48.07
signal [adc counts]

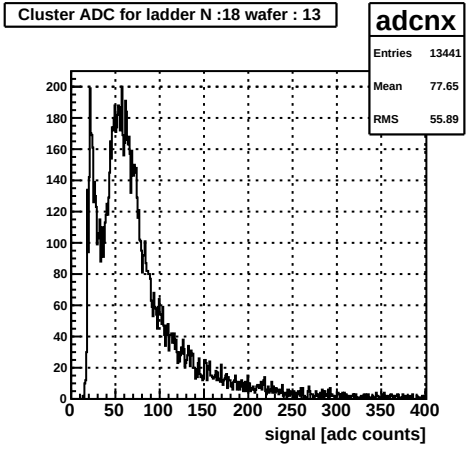

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 26375
Mean 47.91
RMS 48.93
signal [adc counts]

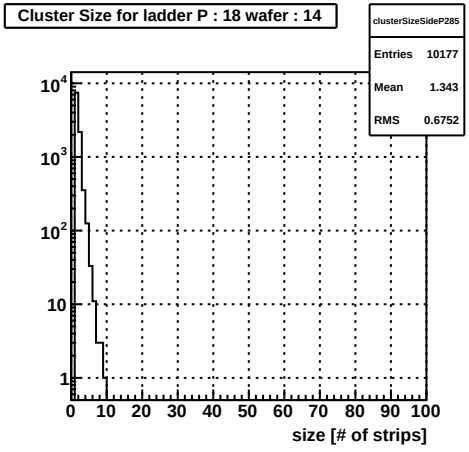

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 14989
Mean 1.267
RMS 0.5902
size [# of strips]

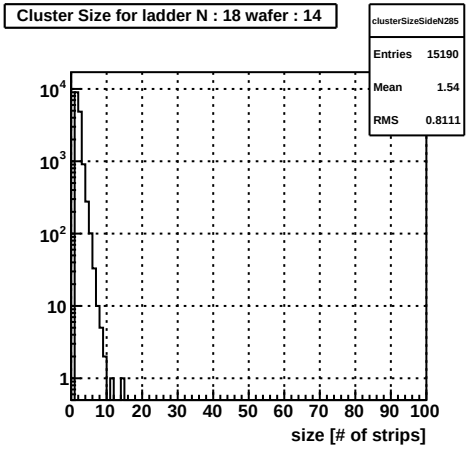

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 13441
Mean 1.51
RMS 0.7793
size [# of strips]

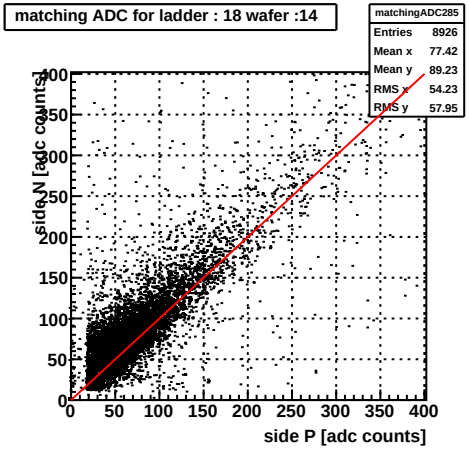

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 8701
Mean x 80.27
Mean y 79.69
RMS x 55
RMS y 52.99
side N [adc counts]
side P [adc counts]

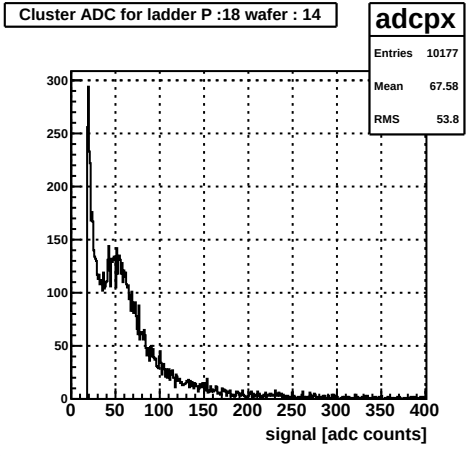

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 14989
Mean 55.03
RMS 49.33
signal [adc counts]

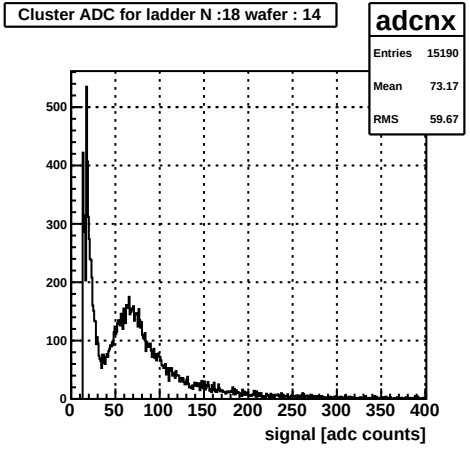

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 13441
Mean 77.65
RMS 55.89
signal [adc counts]

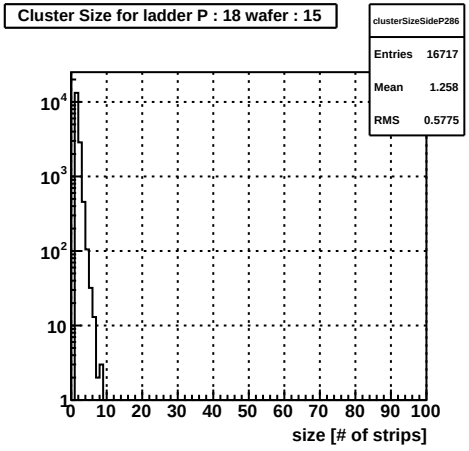

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 10177
Mean 1.343
RMS 0.6752
size [# of strips]

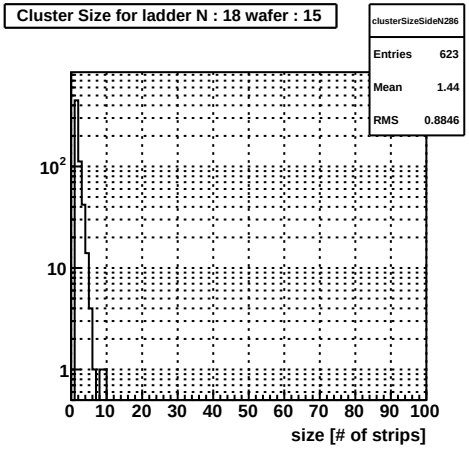

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 15190
Mean 1.54
RMS 0.8111
size [# of strips]

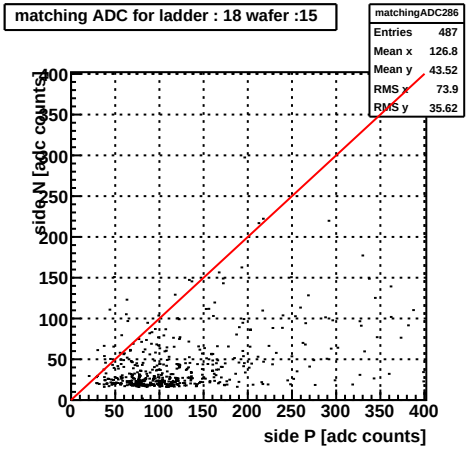

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 8926
Mean x 77.42
Mean y 89.23
RMS x 54.23
RMS y 57.95
side N [adc counts]
side P [adc counts]

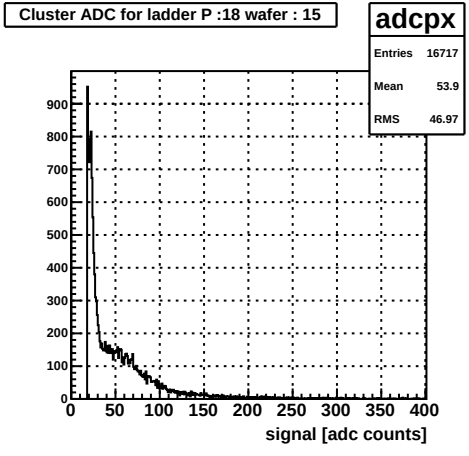

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 10177
Mean 67.58
RMS 53.8
signal [adc counts]

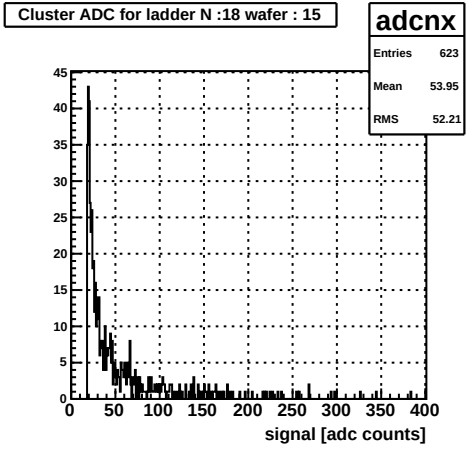

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 15190
Mean 73.17
RMS 59.67
signal [adc counts]

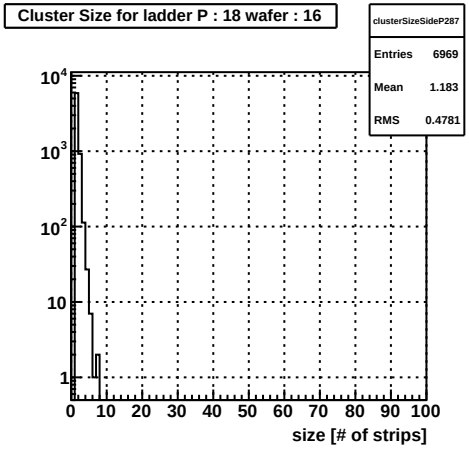

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 16717
Mean 1.258
RMS 0.5775
size [# of strips]

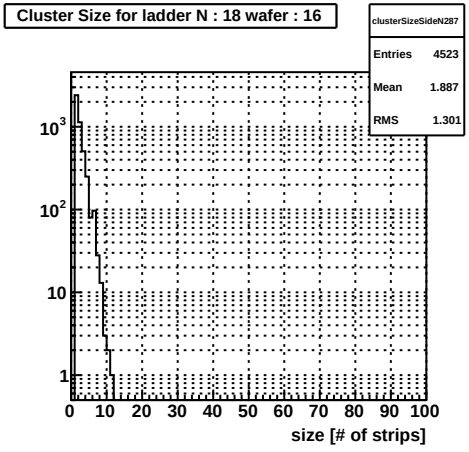

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 623
Mean 1.44
RMS 0.8846
size [# of strips]

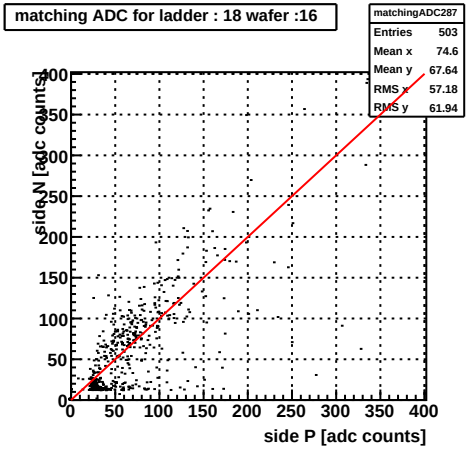

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 487
Mean x 126.8
Mean y 43.52
RMS x 73.9
RMS y 35.62
side N [adc counts]
side P [adc counts]

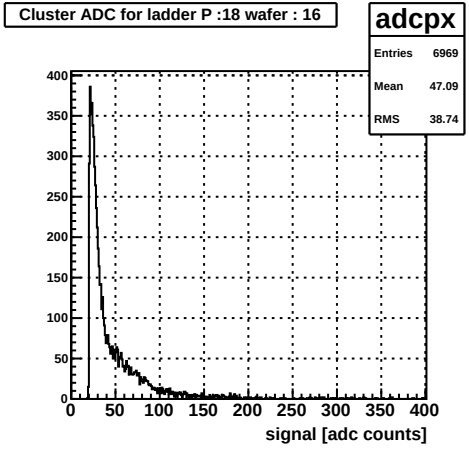

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 16717
Mean 53.9
RMS 46.97
signal [adc counts]

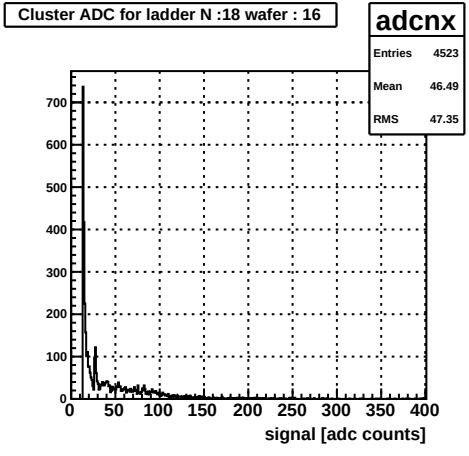

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 623
Mean 53.95
RMS 52.21
signal [adc counts]

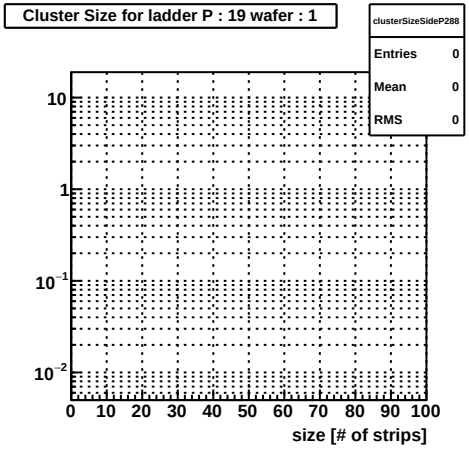

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6969
Mean 1.183
RMS 0.4781
size [# of strips]

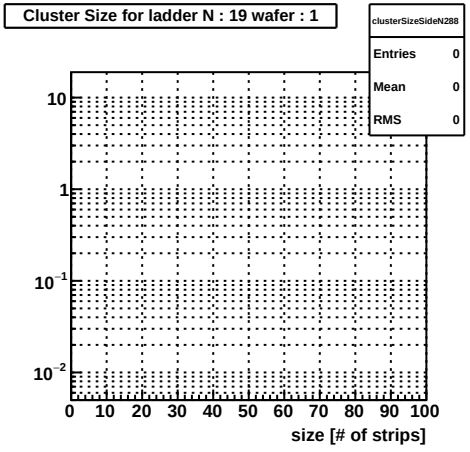

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4523
Mean 1.887
RMS 1.301
size [# of strips]

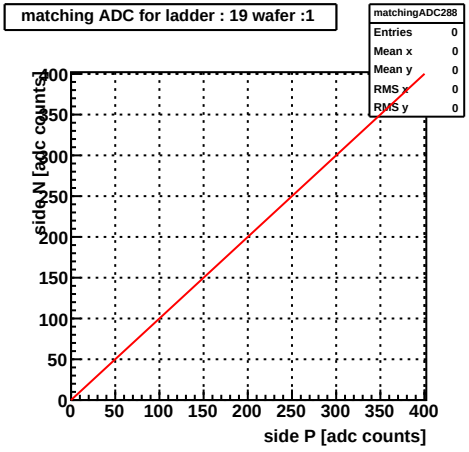

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 503
Mean x 74.6
Mean y 67.64
RMS x 57.18
RMS y 61.94
side N [adc counts]
side P [adc counts]

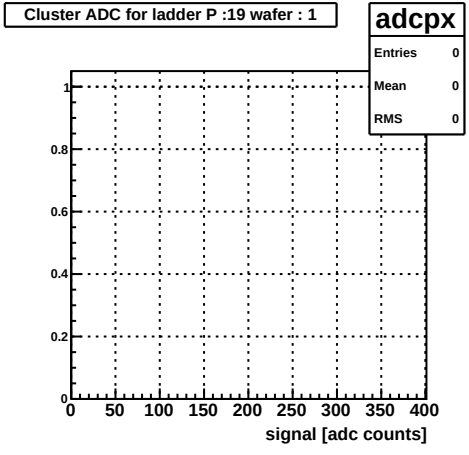

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6969
Mean 47.09
RMS 38.74
signal [adc counts]

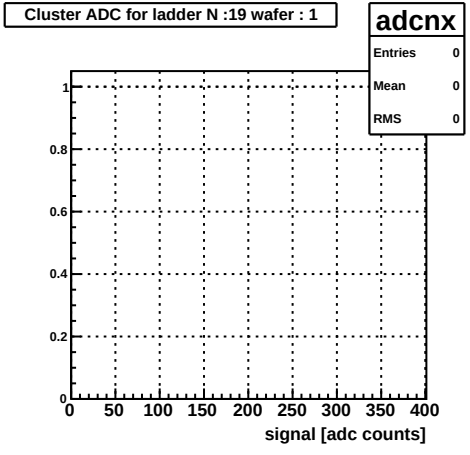

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4523
Mean 46.49
RMS 47.35
signal [adc counts]

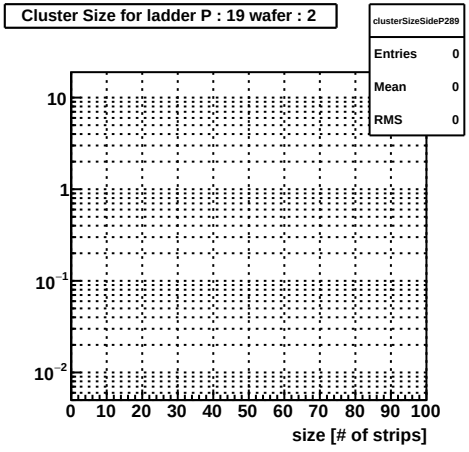

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

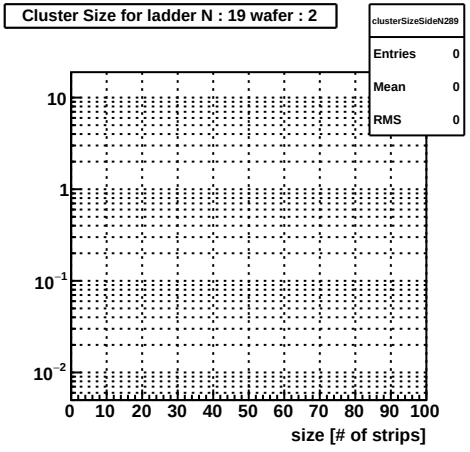

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

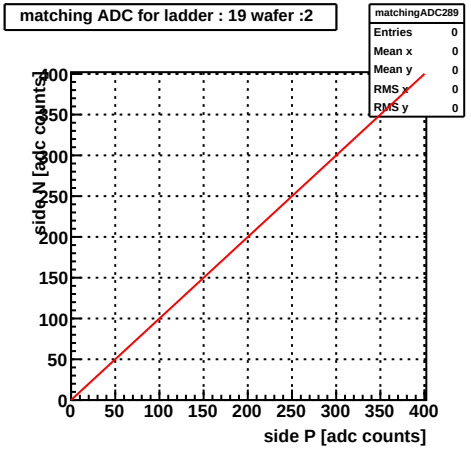

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

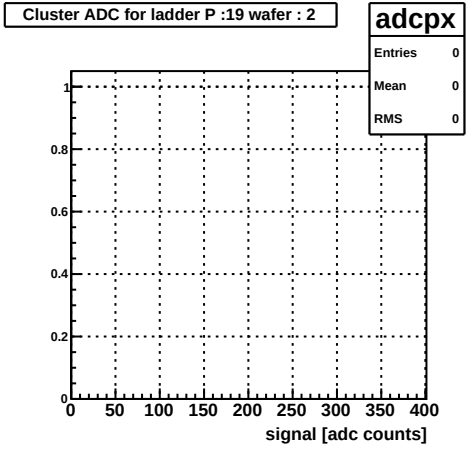

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

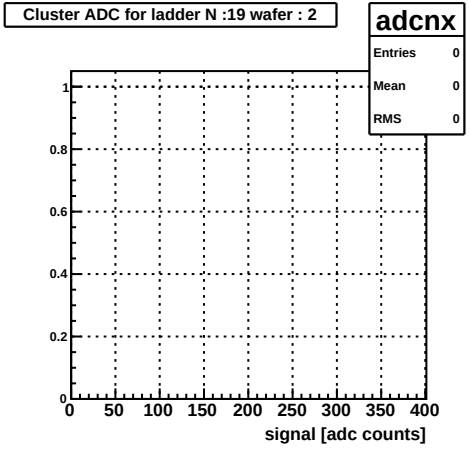

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

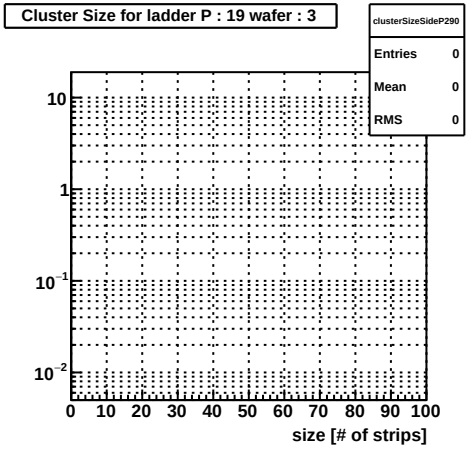

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

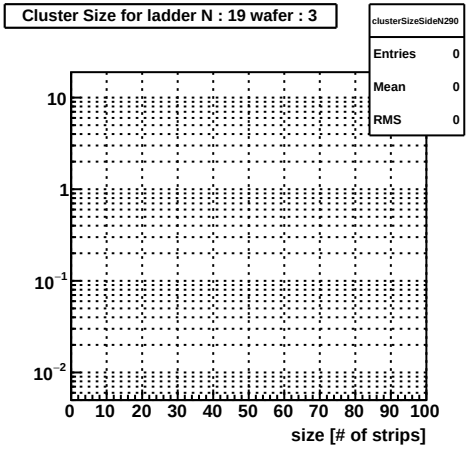

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

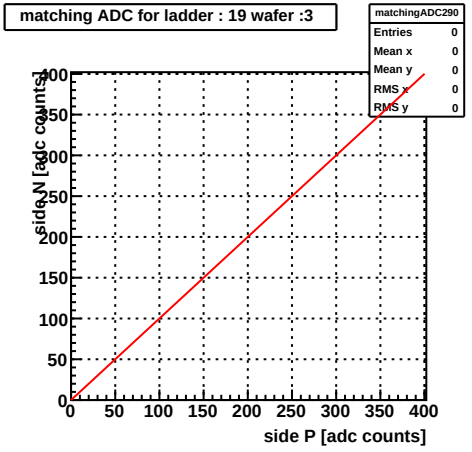

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

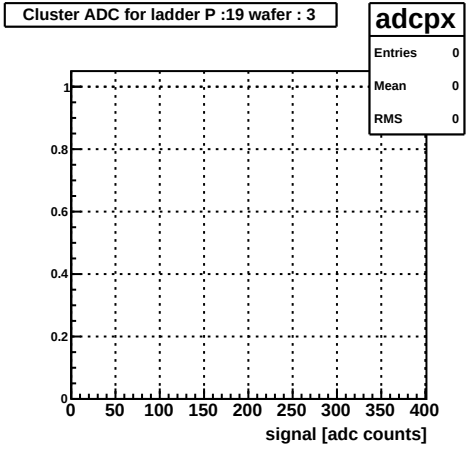

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

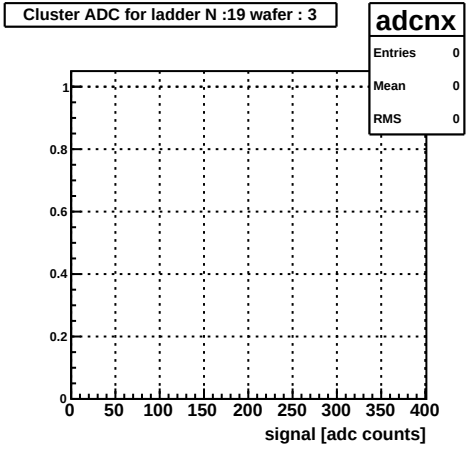

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

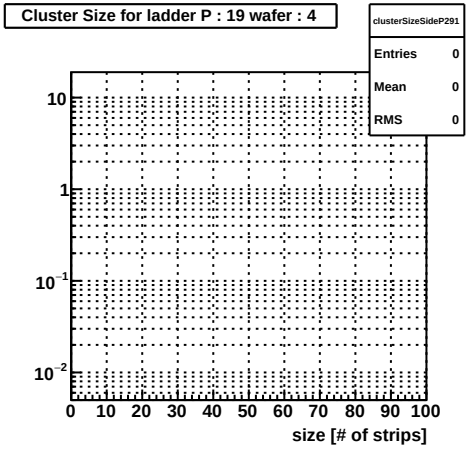

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

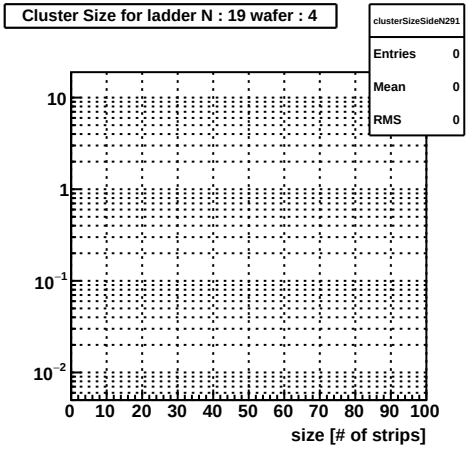

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

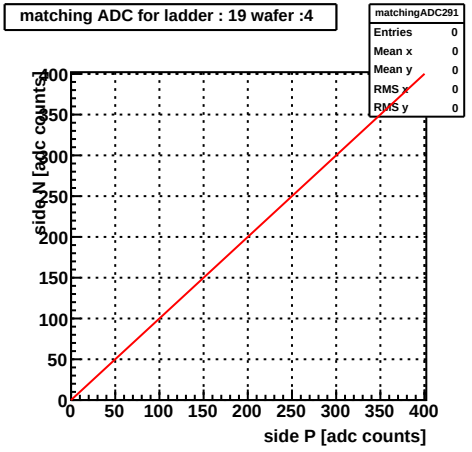

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

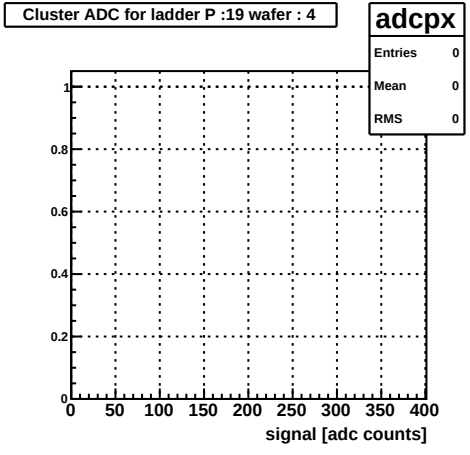

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

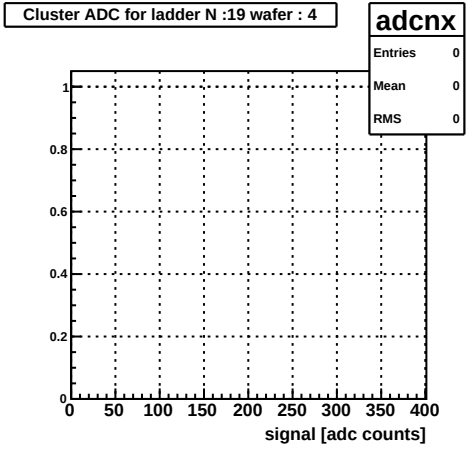

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

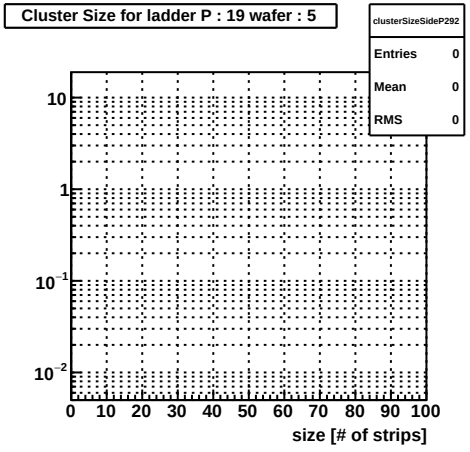

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

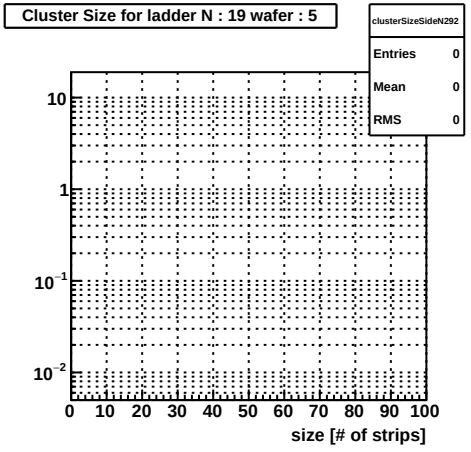

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

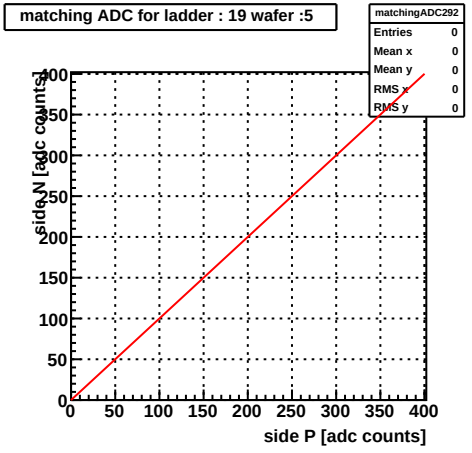

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

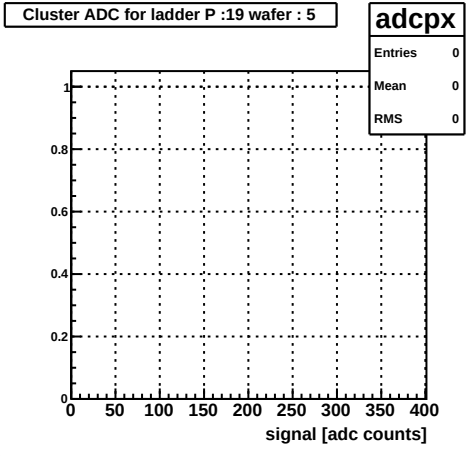

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

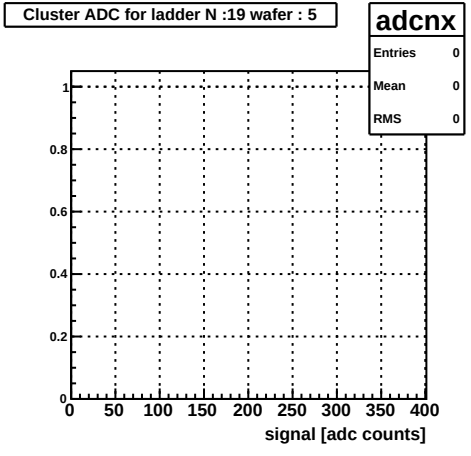

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

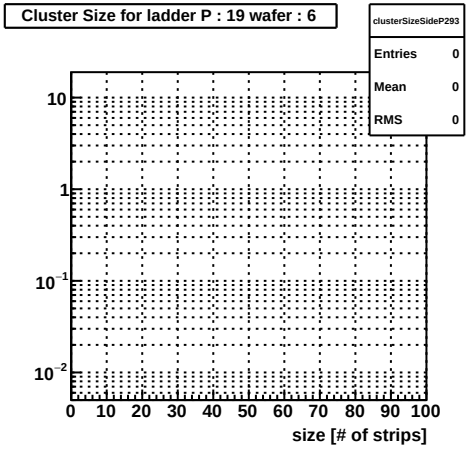

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

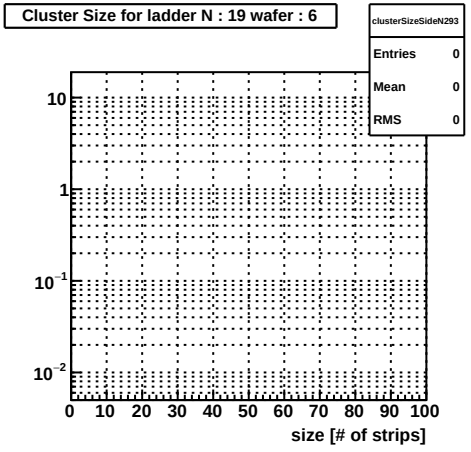

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

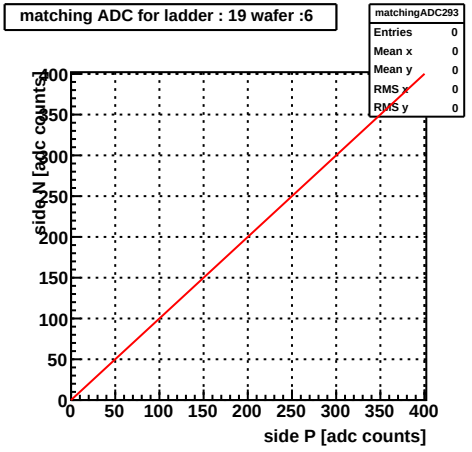

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

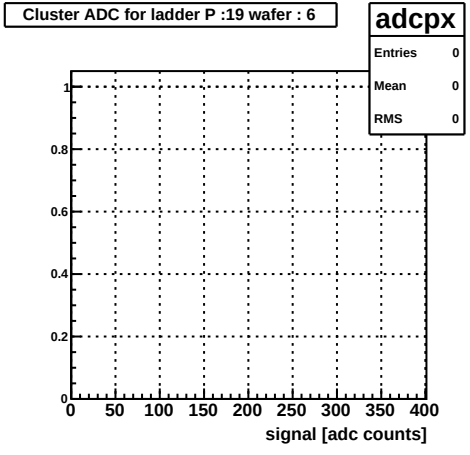

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

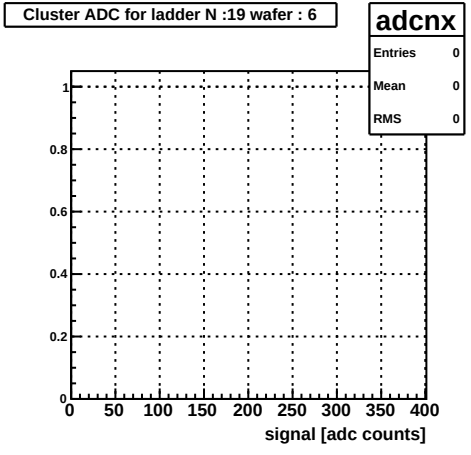

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

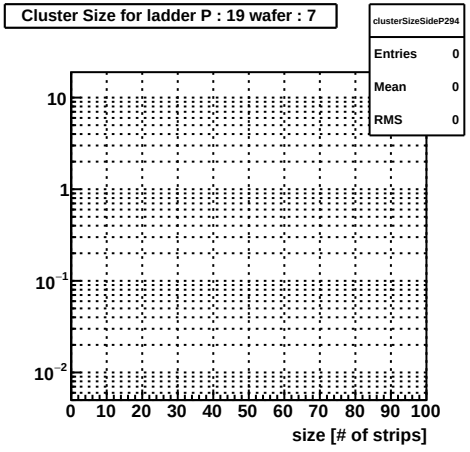

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

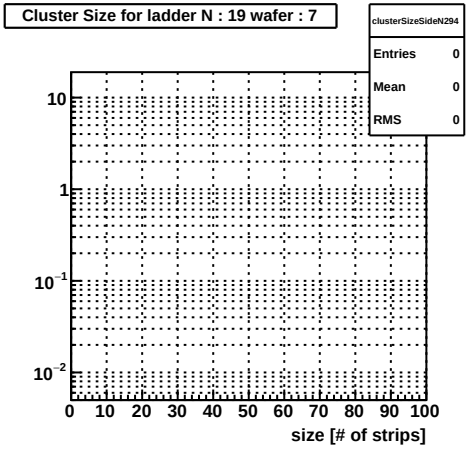

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

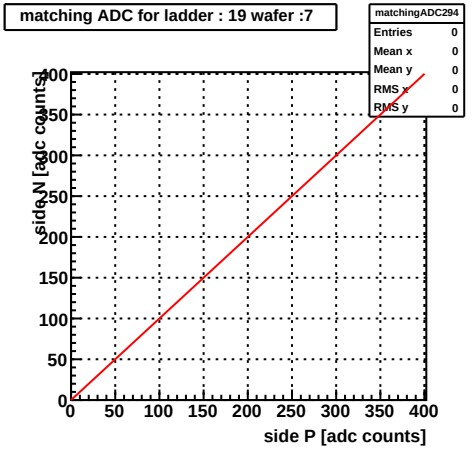

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

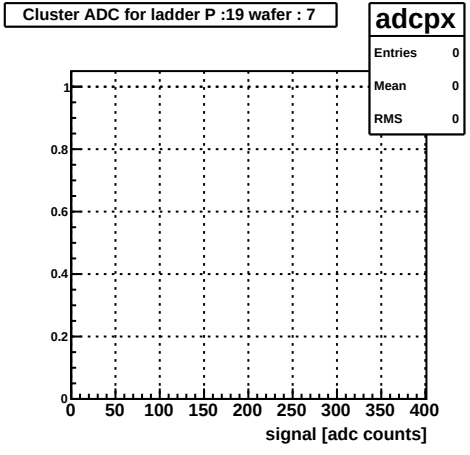

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

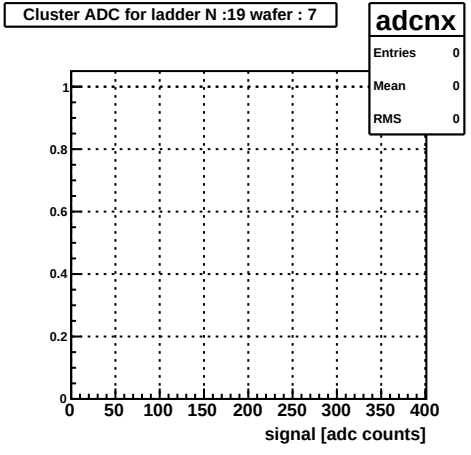

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

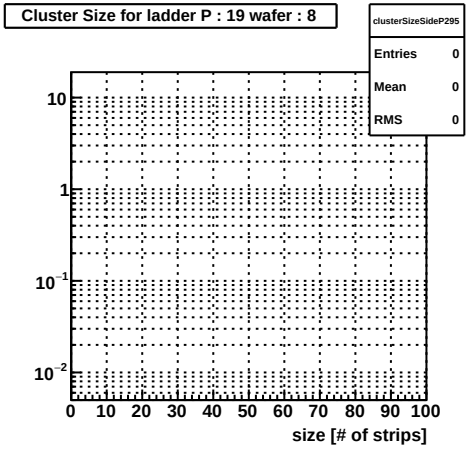

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

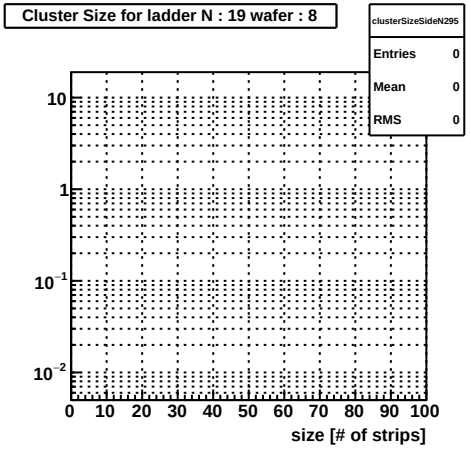

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

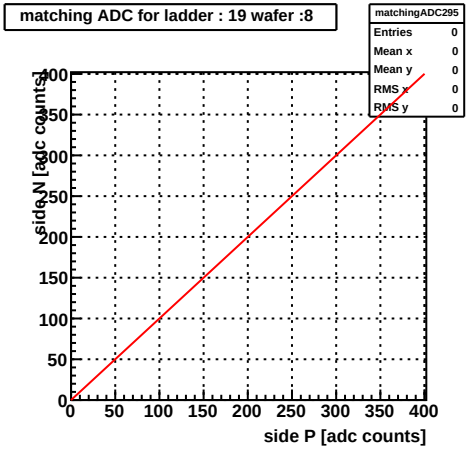

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

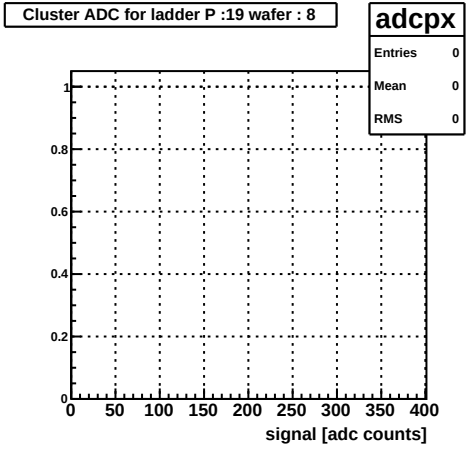

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

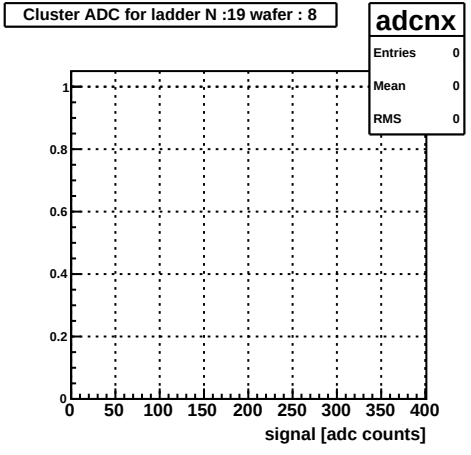

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

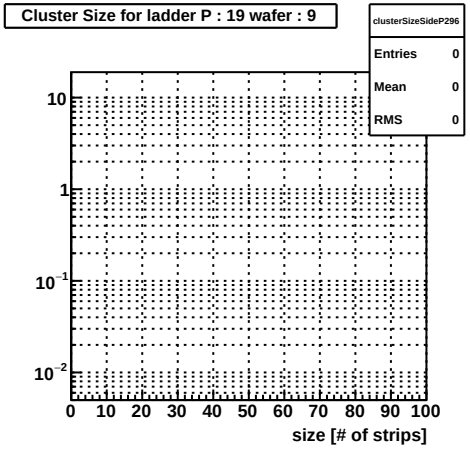

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

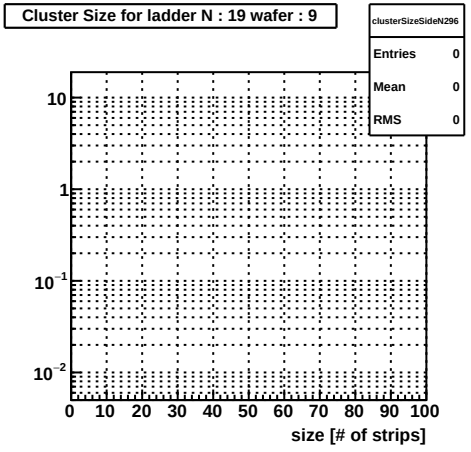

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

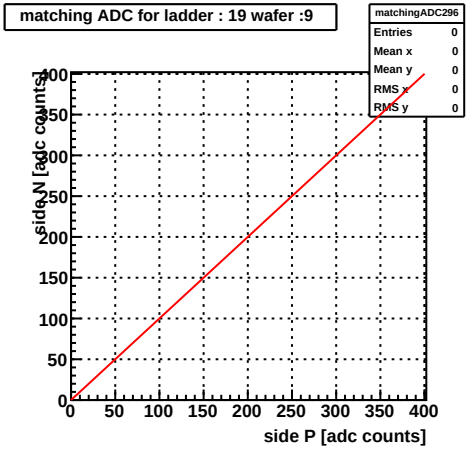

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

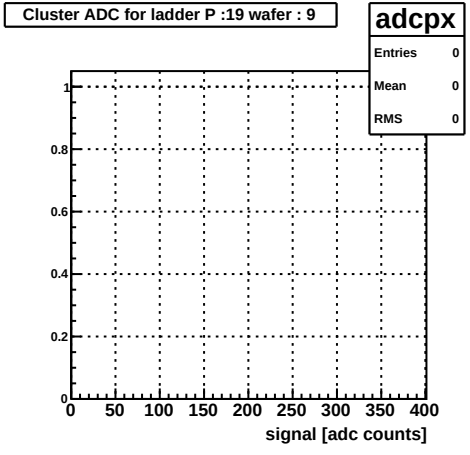

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

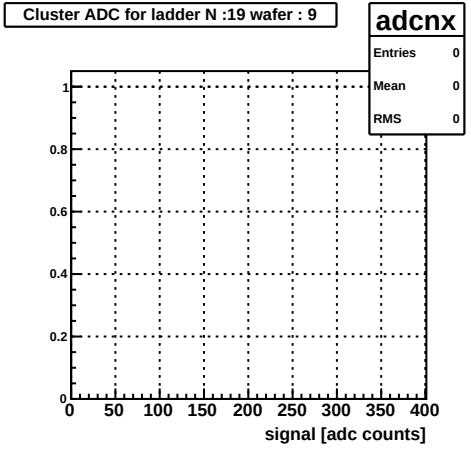

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

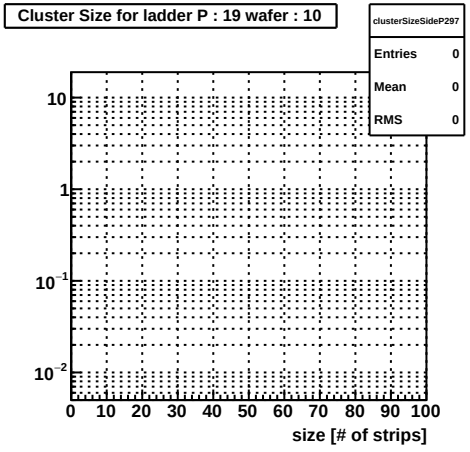

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

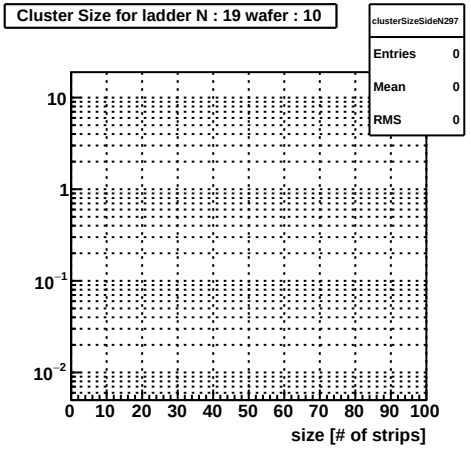

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

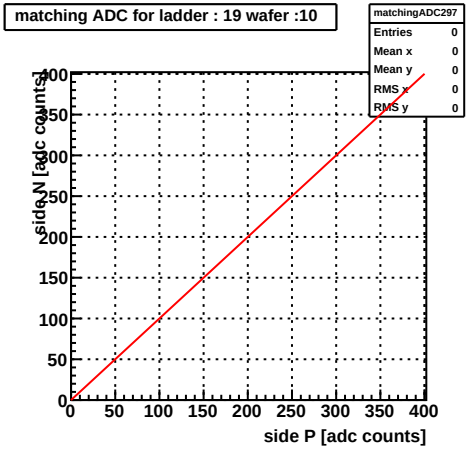

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

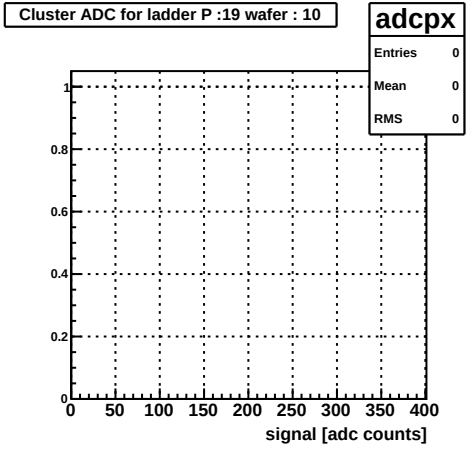

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

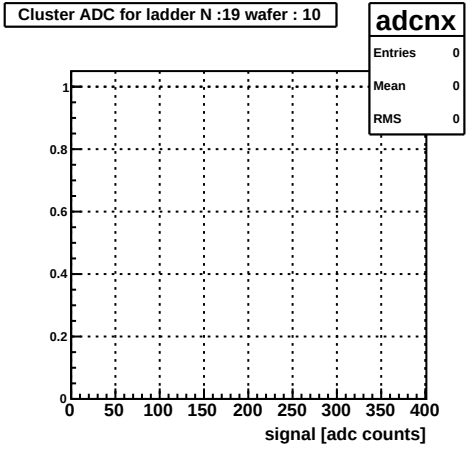

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

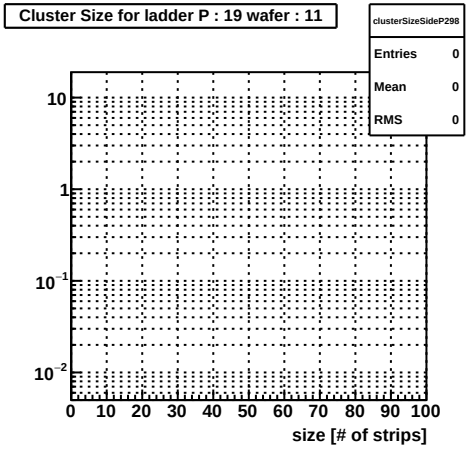

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

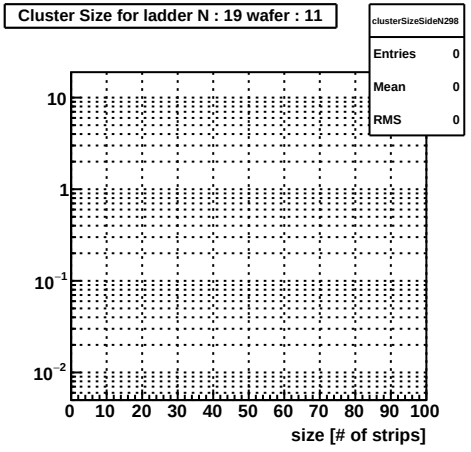

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

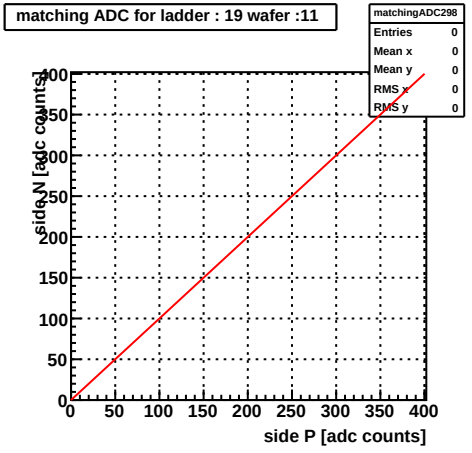

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

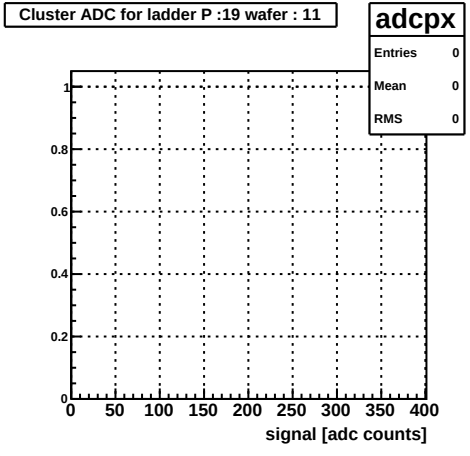

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

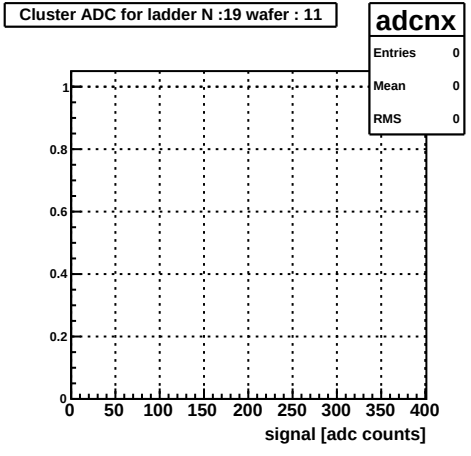

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

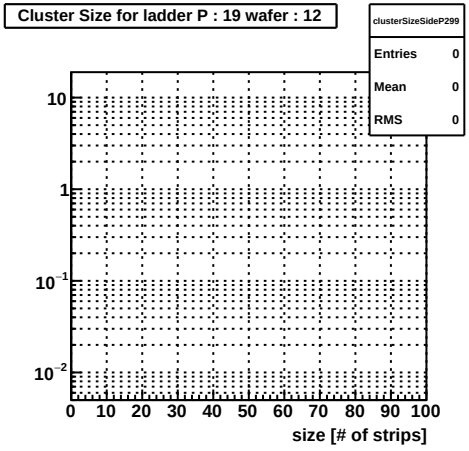

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

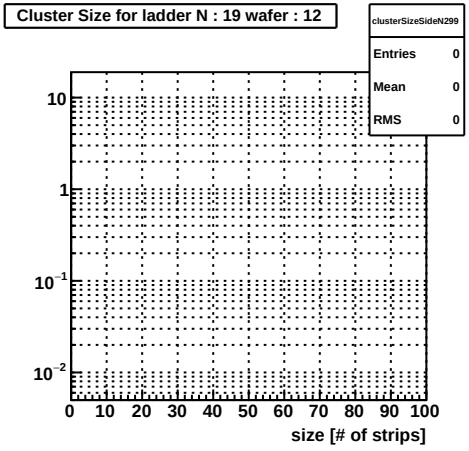

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

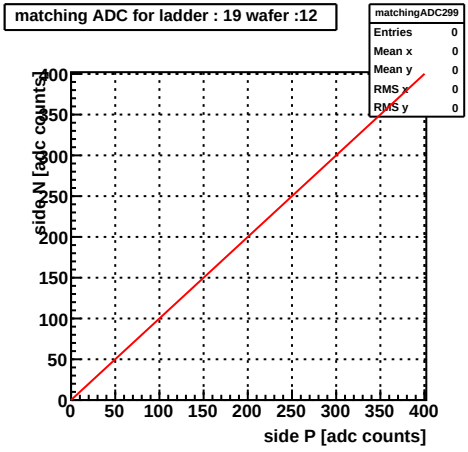

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

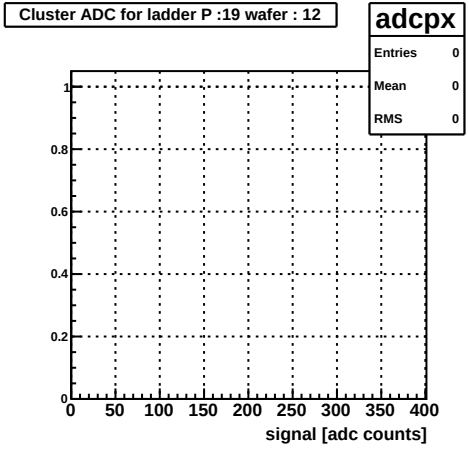

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

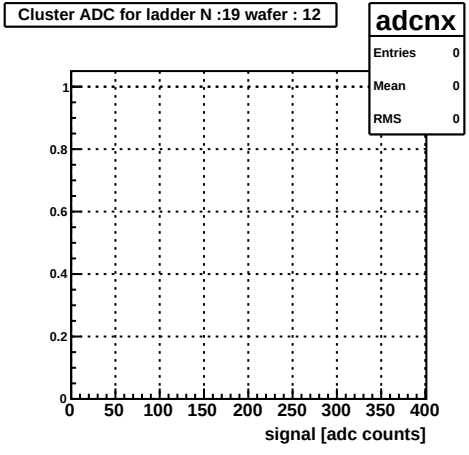

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

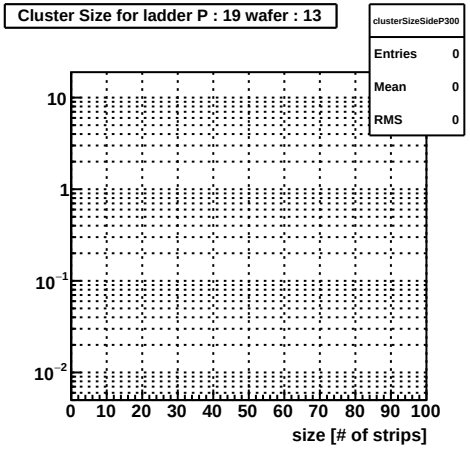

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

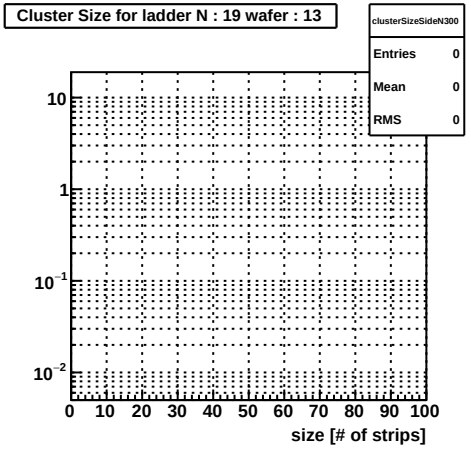

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

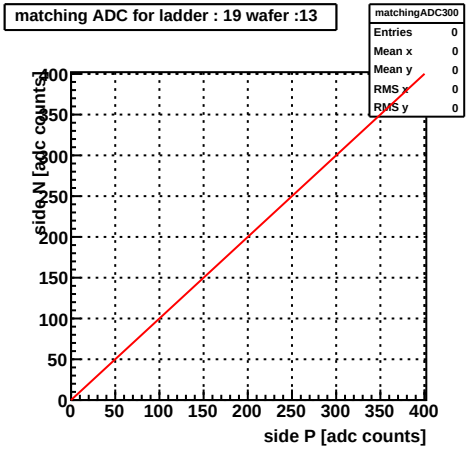

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

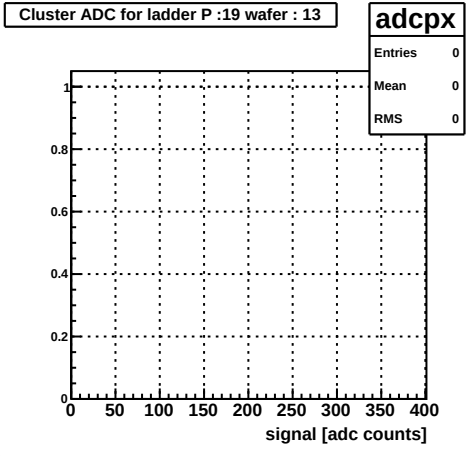

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

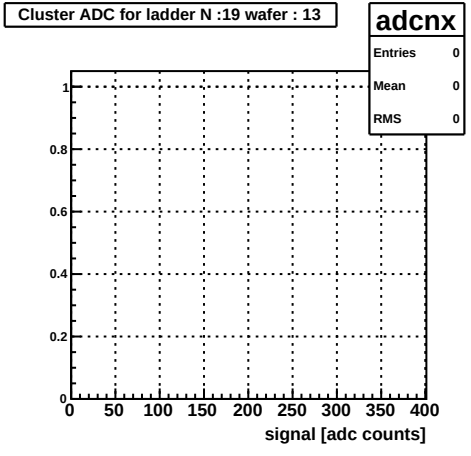

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

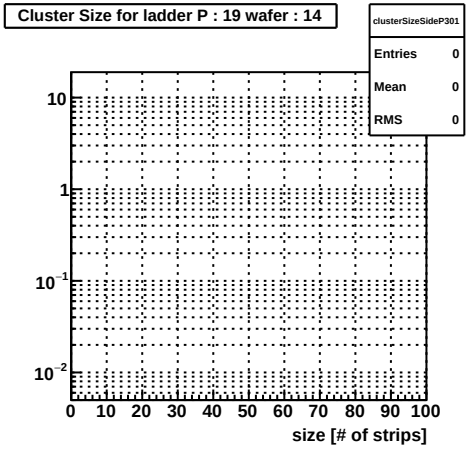

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

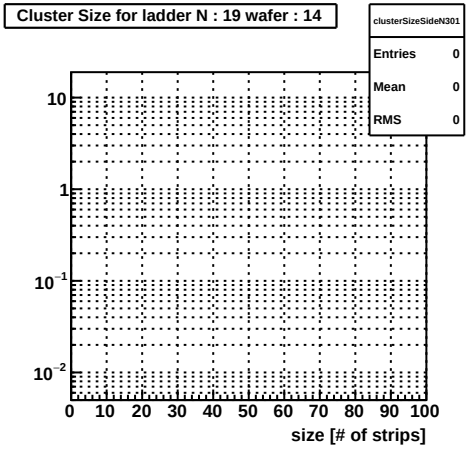

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

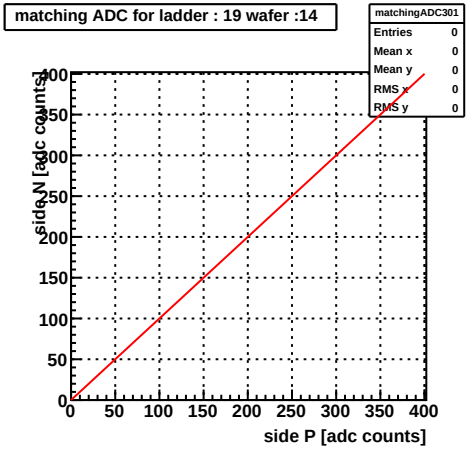

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

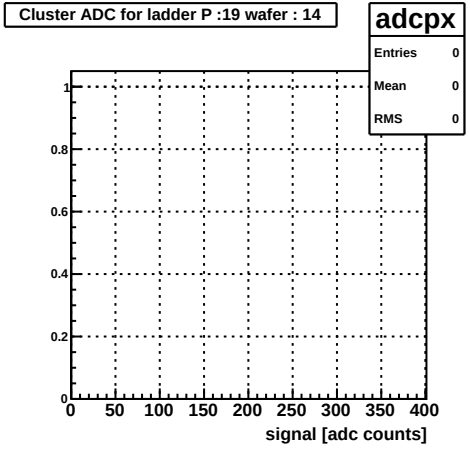

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

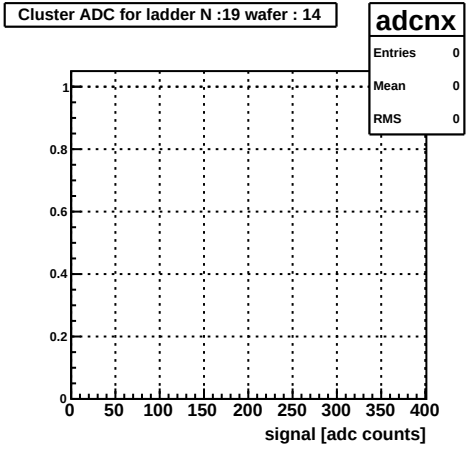

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

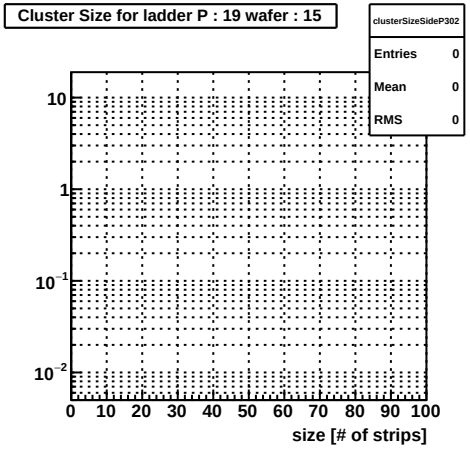

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

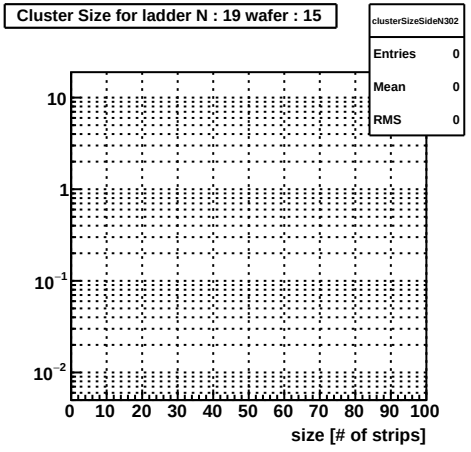

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

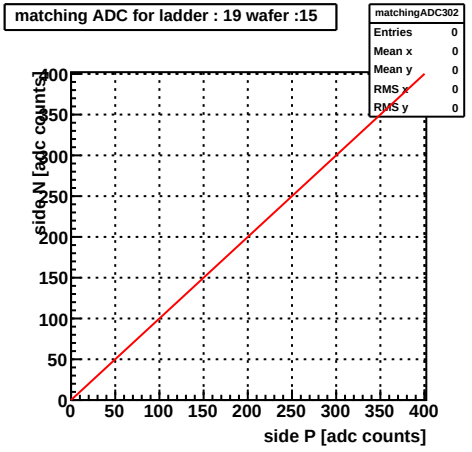

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

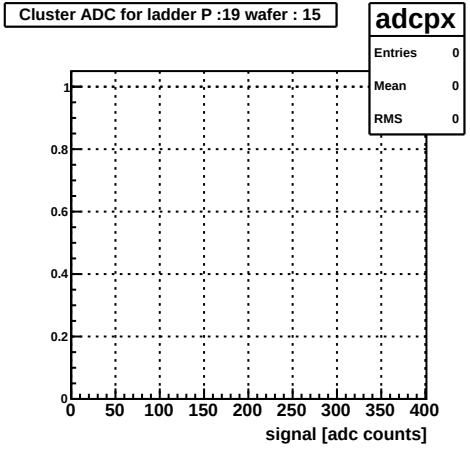

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

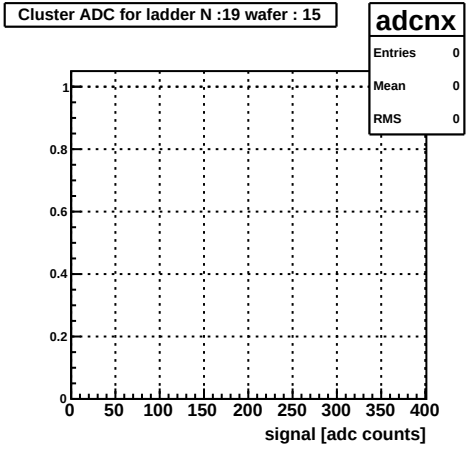

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

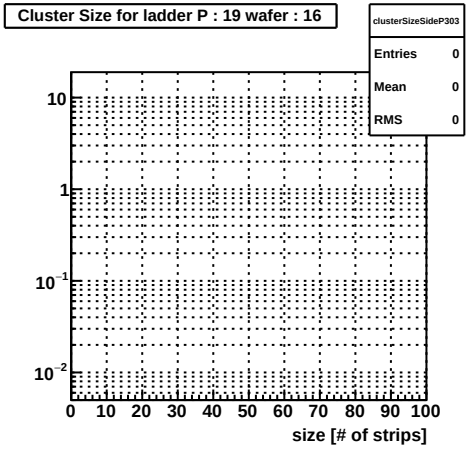

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

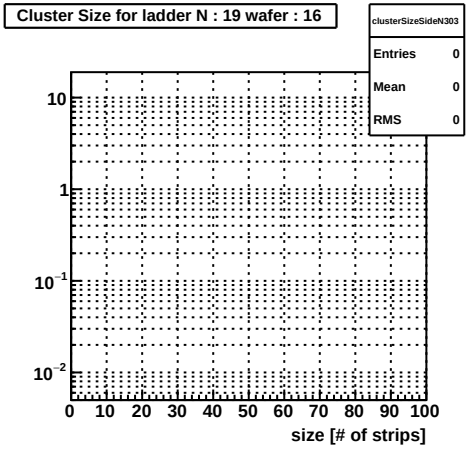

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

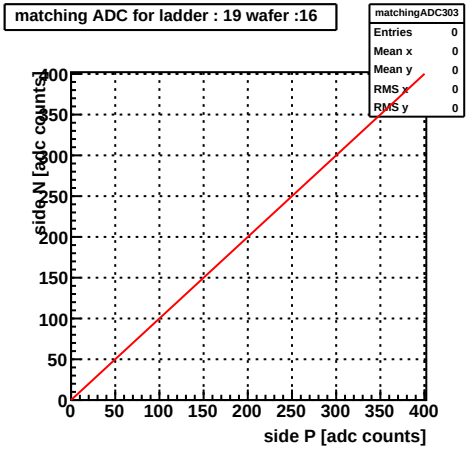

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

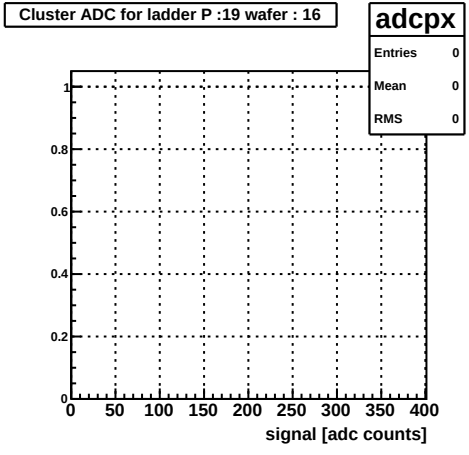

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

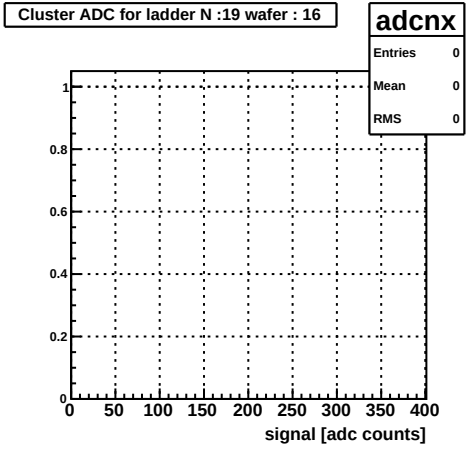

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

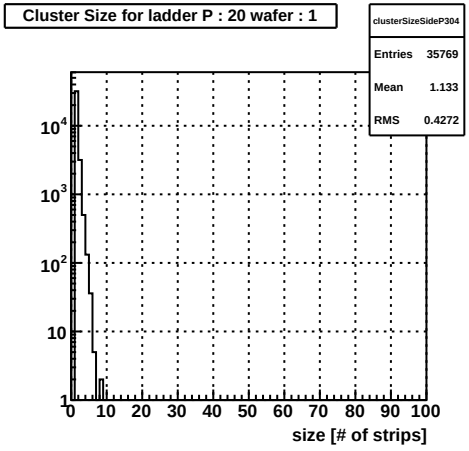

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

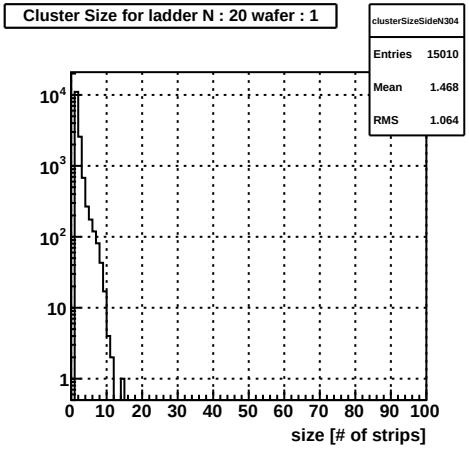

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

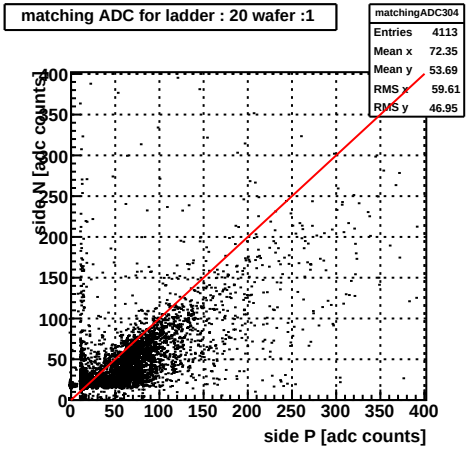

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

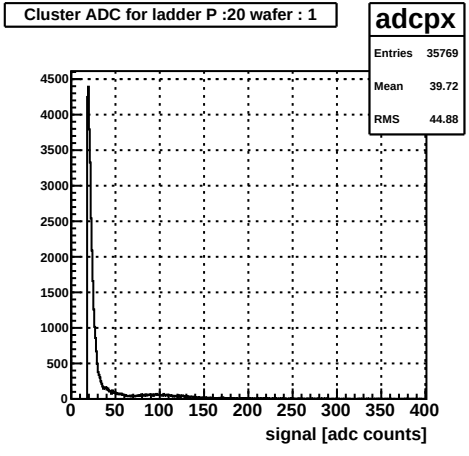

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

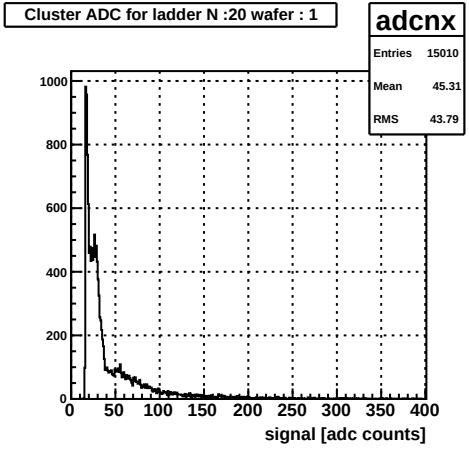

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

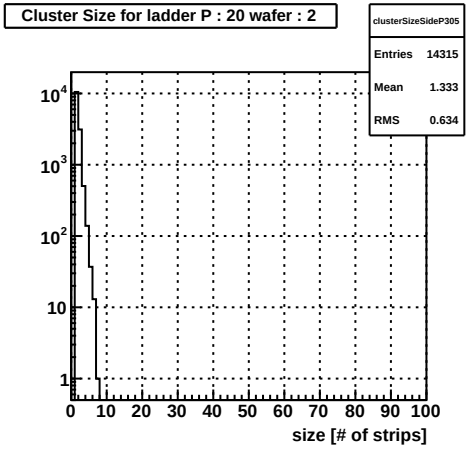

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 35769
Mean 1.133
RMS 0.4272
size [# of strips]

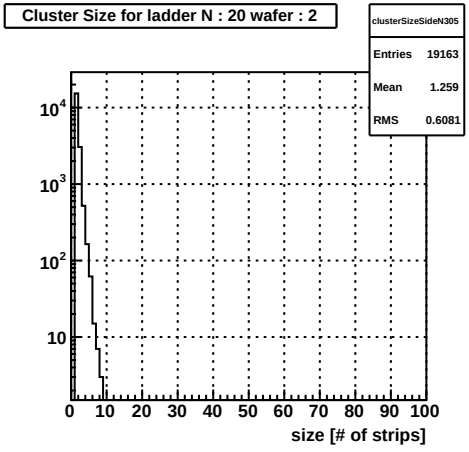

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 15010
Mean 1.468
RMS 1.064
size [# of strips]

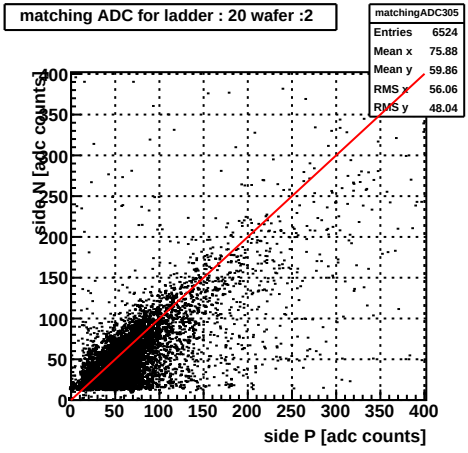

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4113
Mean x 72.35
Mean y 53.69
RMS x 59.61
RMS y 46.95
side N [adc counts]
side P [adc counts]

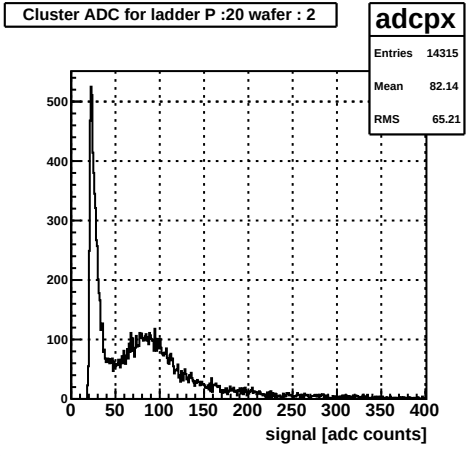

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 35769
Mean 39.72
RMS 44.88
signal [adc counts]

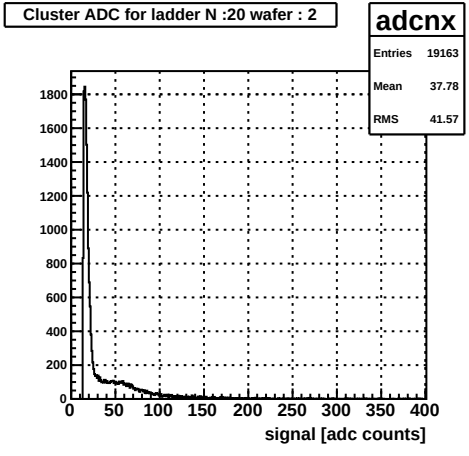

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 15010
Mean 45.31
RMS 43.79
signal [adc counts]

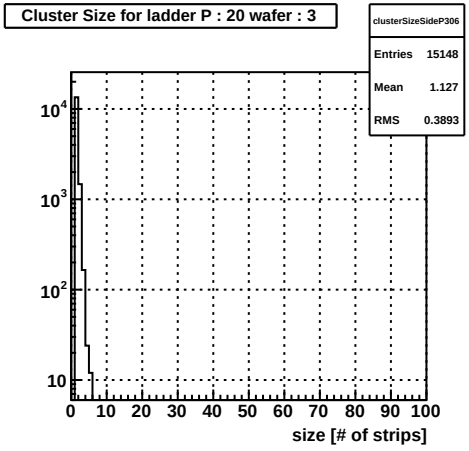

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 14315
Mean 1.333
RMS 0.634
size [# of strips]

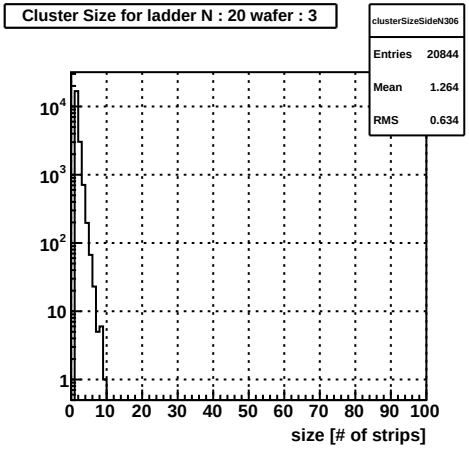

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 19163
Mean 1.259
RMS 0.6081
size [# of strips]

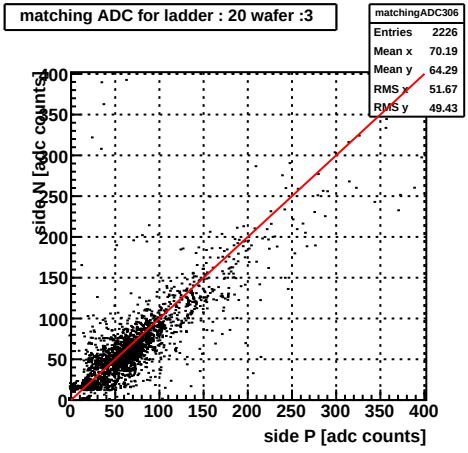

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 6524
Mean x 75.88
Mean y 59.86
RMS x 56.06
RMS y 48.04
side N [adc counts]
side P [adc counts]

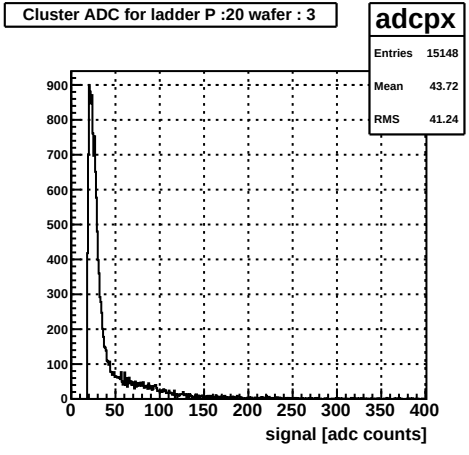

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 14315
Mean 82.14
RMS 65.21
signal [adc counts]

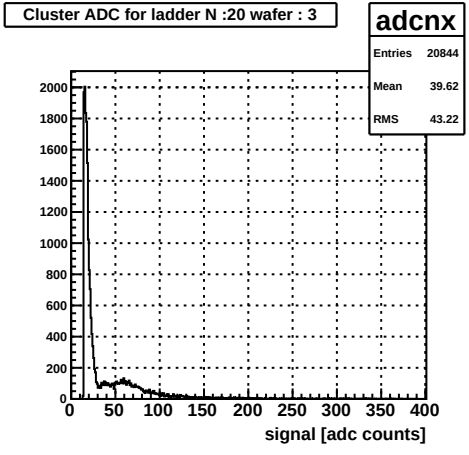

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 19163
Mean 37.78
RMS 41.57
signal [adc counts]

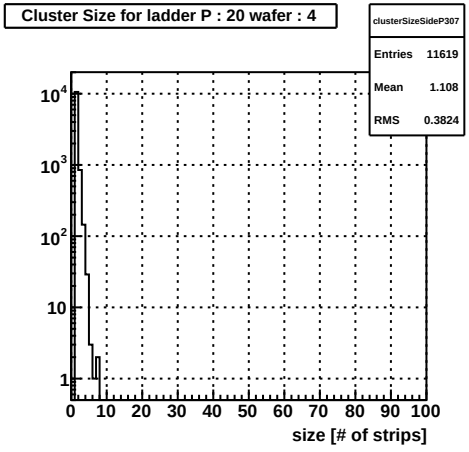

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 15148
Mean 1.127
RMS 0.3893
size [# of strips]

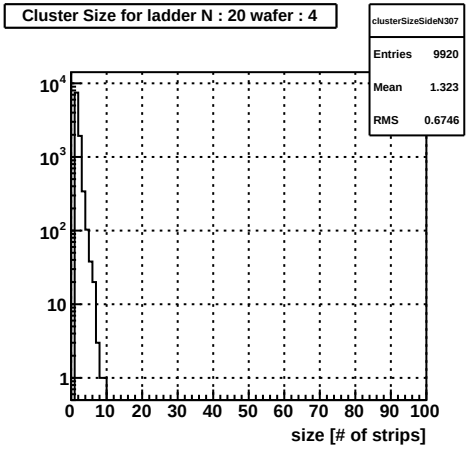

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 20844
Mean 1.264
RMS 0.634
size [# of strips]

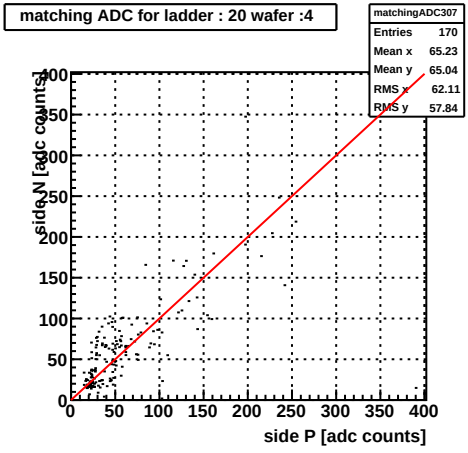

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2226
Mean x 70.19
Mean y 64.29
RMS x 51.67
RMS y 49.43
side N [adc counts]
side P [adc counts]

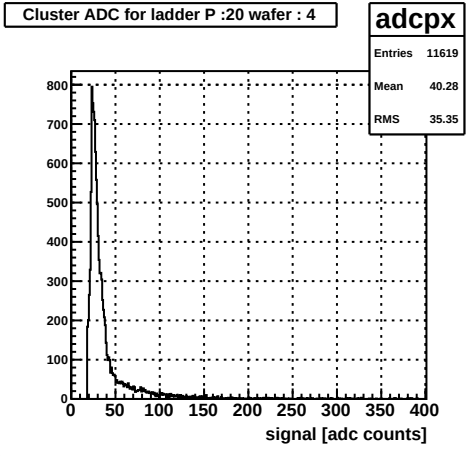

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 15148
Mean 43.72
RMS 41.24
signal [adc counts]

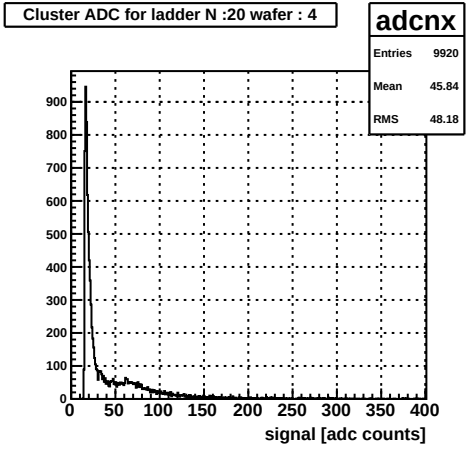

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 20844
Mean 39.62
RMS 43.22
signal [adc counts]

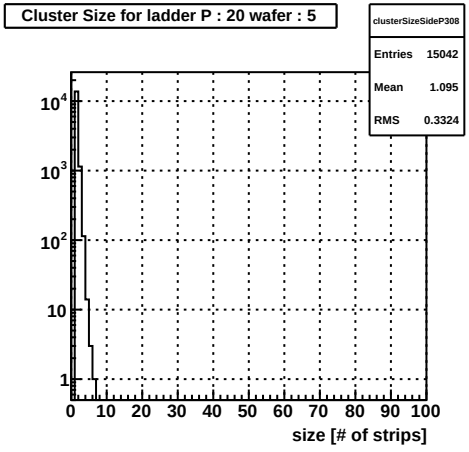

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 11619
Mean 1.108
RMS 0.3824
size [# of strips]

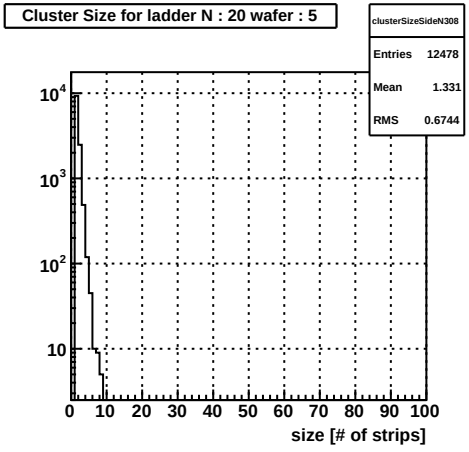

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9920
Mean 1.323
RMS 0.6746
size [# of strips]

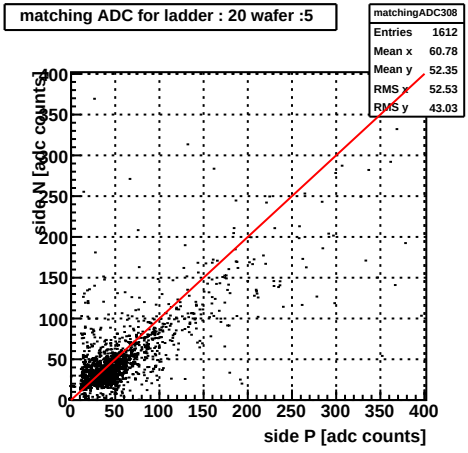

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 170
Mean x 65.23
Mean y 65.04
RMS x 62.11
RMS y 57.84
side N [adc counts]
side P [adc counts]

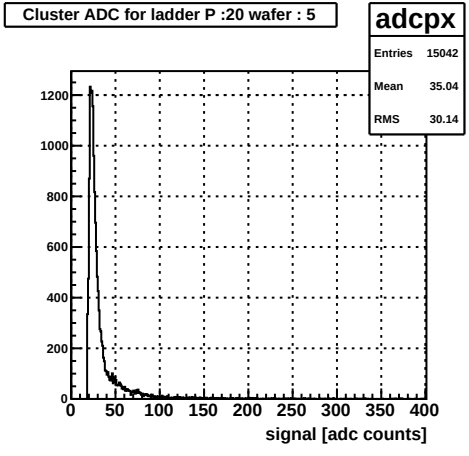

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 11619
Mean 40.28
RMS 35.35
signal [adc counts]

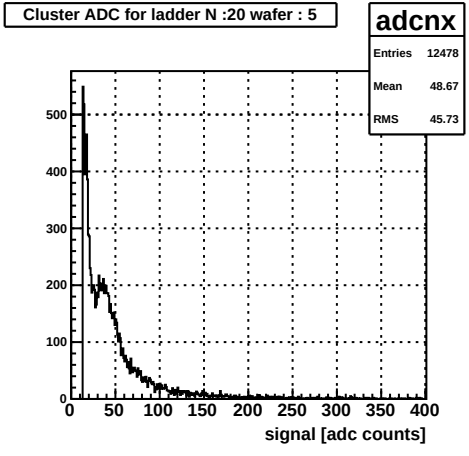

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9920
Mean 45.84
RMS 48.18
signal [adc counts]

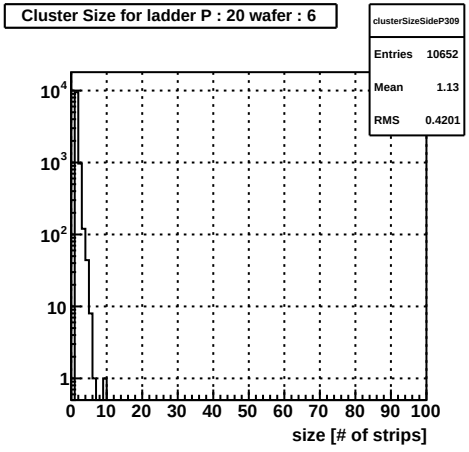

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 15042
Mean 1.095
RMS 0.3324
size [# of strips]

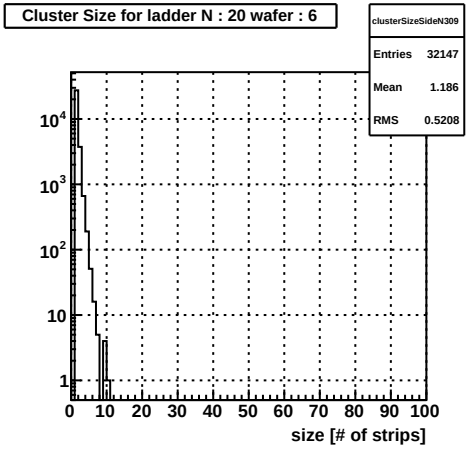

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 12478
Mean 1.331
RMS 0.6744
size [# of strips]

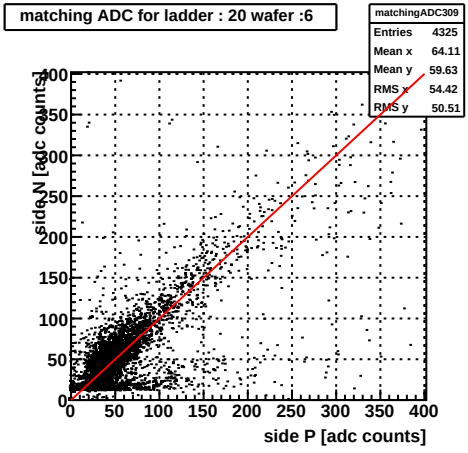

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1612
Mean x 60.78
Mean y 52.35
RMS x 52.53
RMS y 43.03
side N [adc counts]
side P [adc counts]

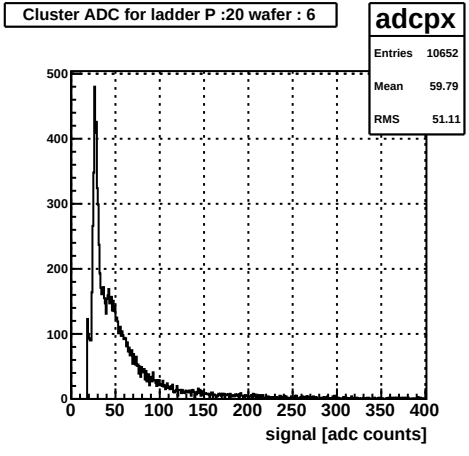

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 15042
Mean 35.04
RMS 30.14
signal [adc counts]

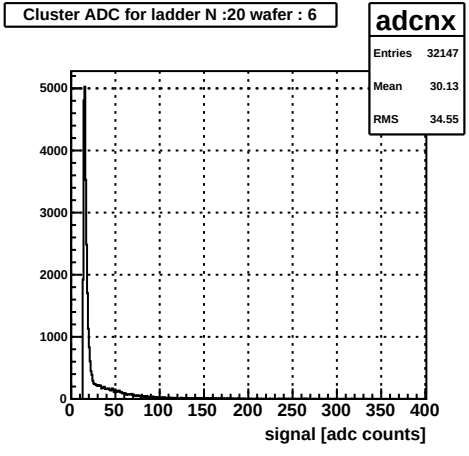

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 12478
Mean 48.67
RMS 45.73
signal [adc counts]

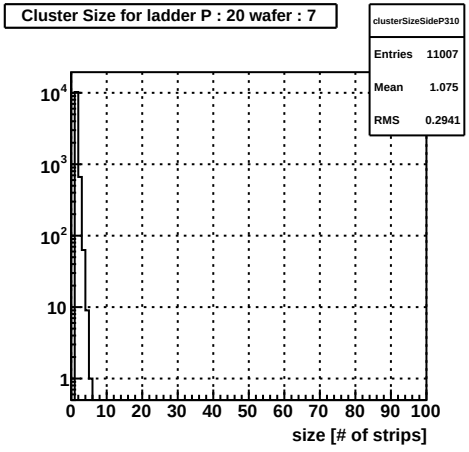

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 10652
Mean 1.13
RMS 0.4201
size [# of strips]

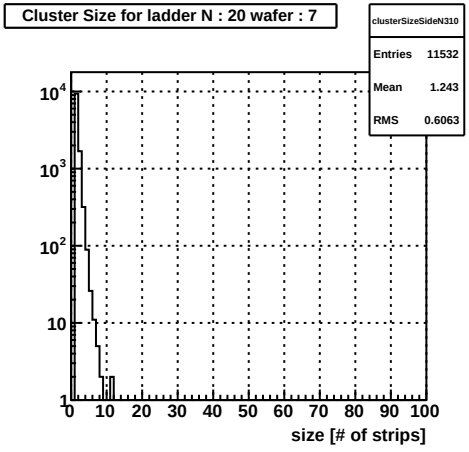

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 32147
Mean 1.186
RMS 0.5208
size [# of strips]

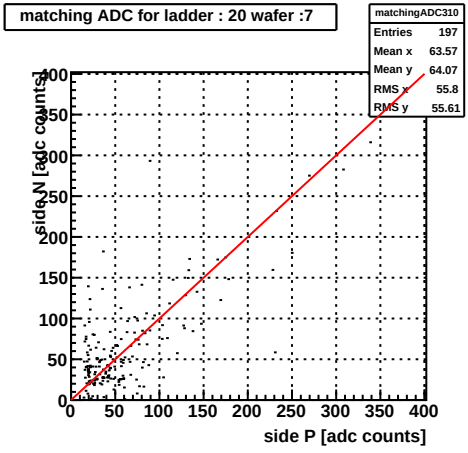

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 4325
Mean x 64.11
Mean y 59.63
RMS x 54.42
RMS y 50.51
side N [adc counts]
side P [adc counts]

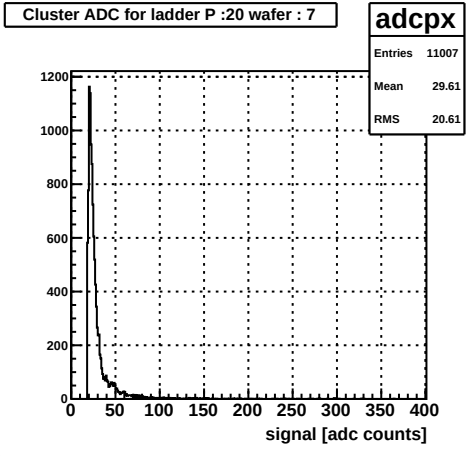

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 10652
Mean 59.79
RMS 51.11
signal [adc counts]

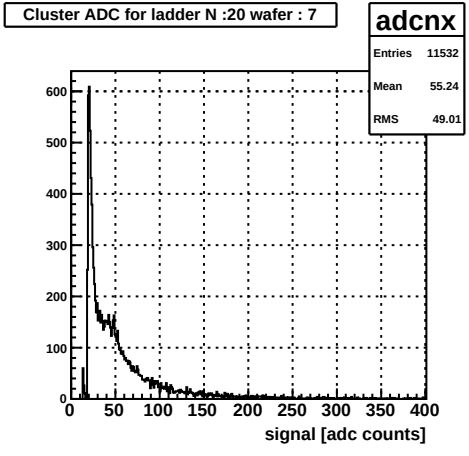

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 32147
Mean 30.13
RMS 34.55
signal [adc counts]

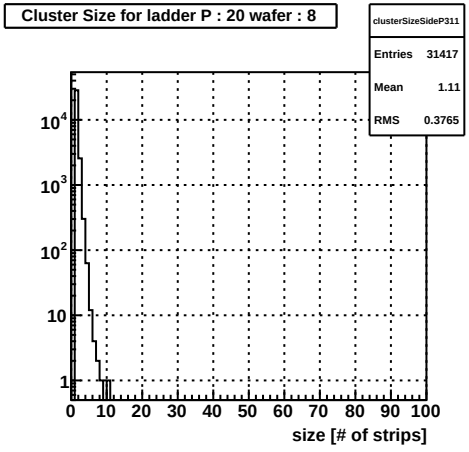

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 11007
Mean 1.075
RMS 0.2941
size [# of strips]

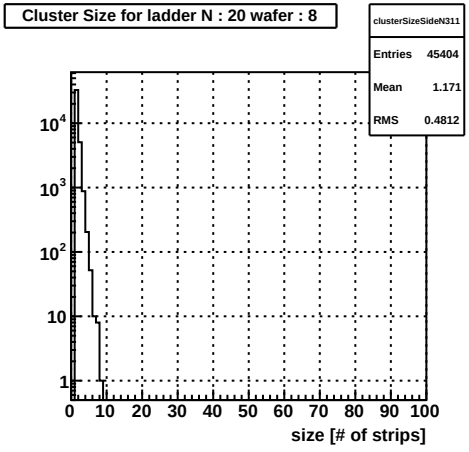

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11532
Mean 1.243
RMS 0.6063
size [# of strips]

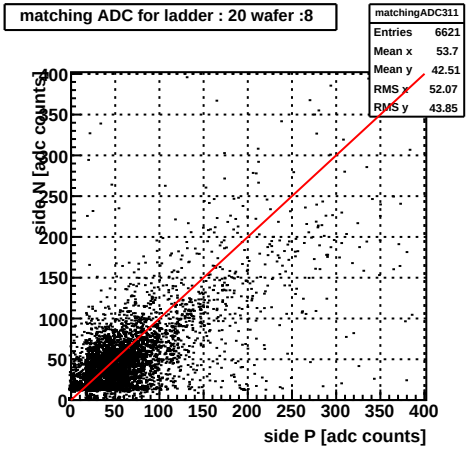

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 197
Mean x 63.57
Mean y 64.07
RMS x 55.8
RMS y 55.61
side N [adc counts]
side P [adc counts]

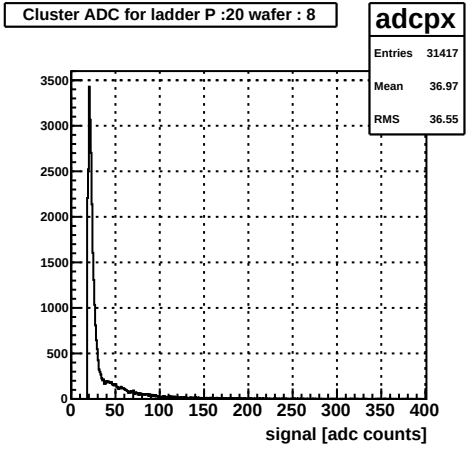

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 11007
Mean 29.61
RMS 20.61
signal [adc counts]

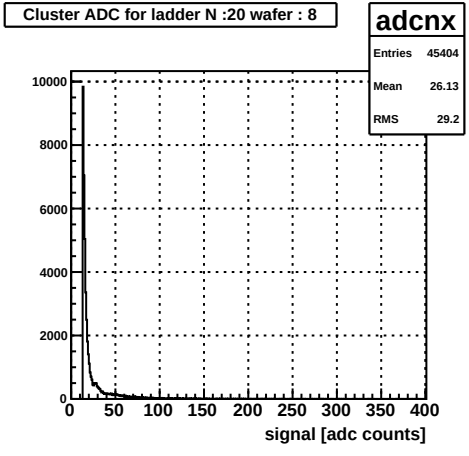

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11532
Mean 55.24
RMS 49.01
signal [adc counts]

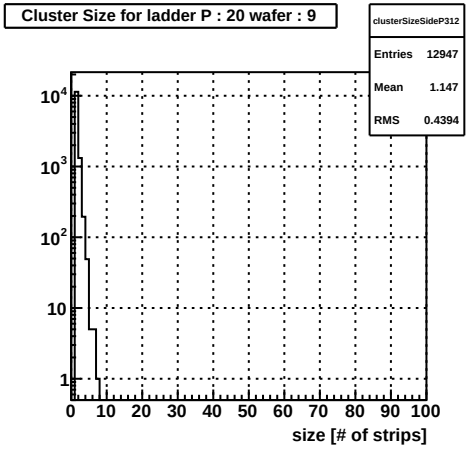

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 31417
Mean 1.11
RMS 0.3765
size [# of strips]

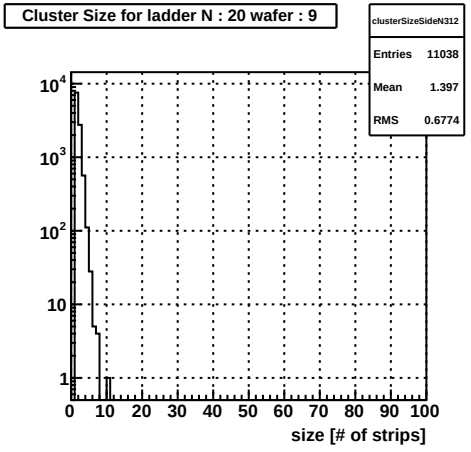

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 45404
Mean 1.171
RMS 0.4812
size [# of strips]

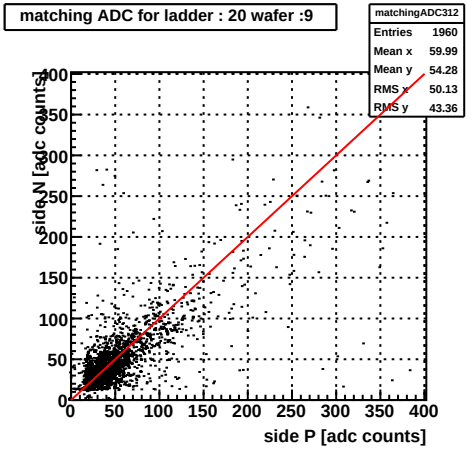

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 6621
Mean x 53.7
Mean y 42.51
RMS x 52.07
RMS y 43.85
side N [adc counts]
side P [adc counts]

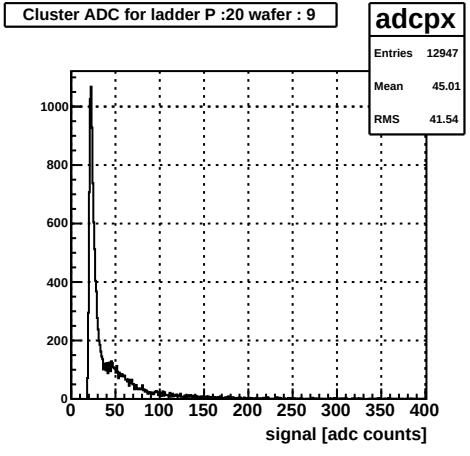

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 31417
Mean 36.97
RMS 36.55
signal [adc counts]

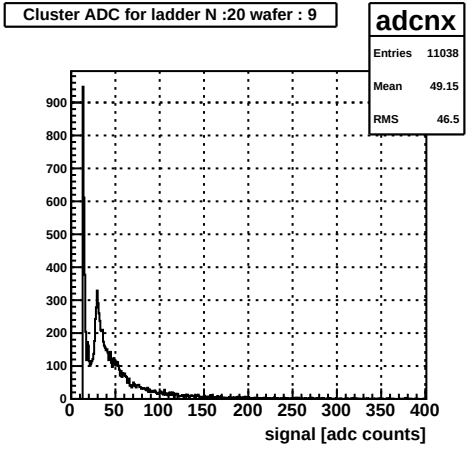

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 45404
Mean 26.13
RMS 29.2
signal [adc counts]

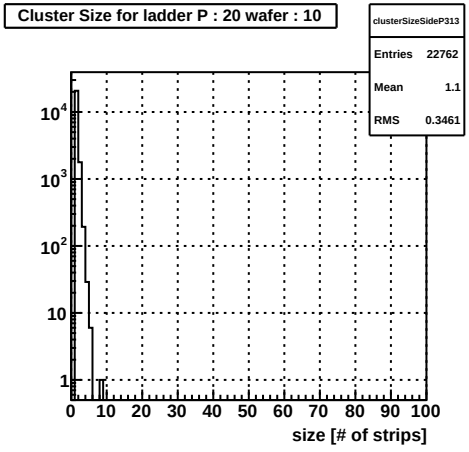

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 12947
Mean 1.147
RMS 0.4394
size [# of strips]

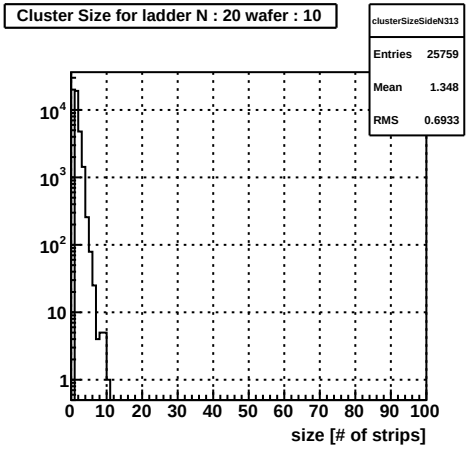

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11038
Mean 1.397
RMS 0.6774
size [# of strips]

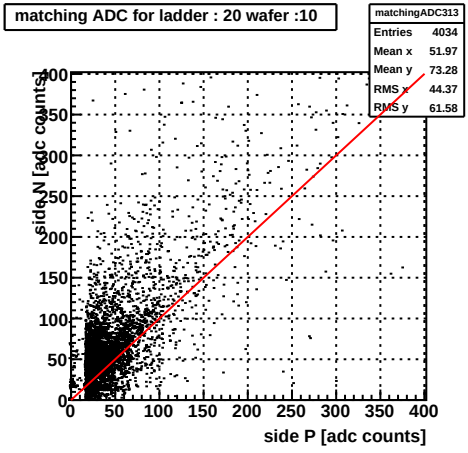

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1960
Mean x 59.99
Mean y 54.28
RMS x 50.13
RMS y 43.36
side N [adc counts]
side P [adc counts]

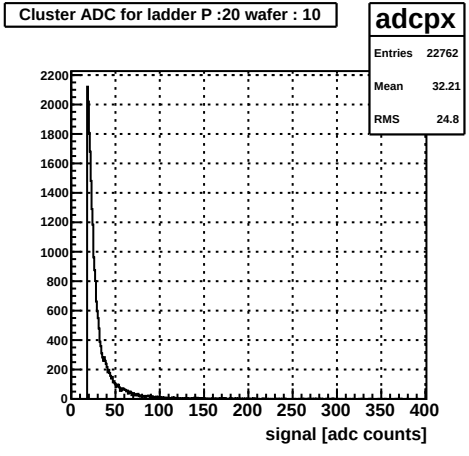

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 12947
Mean 45.01
RMS 41.54
signal [adc counts]

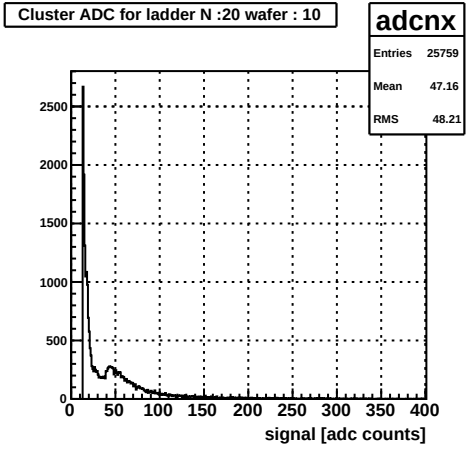

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11038
Mean 49.15
RMS 46.5
signal [adc counts]

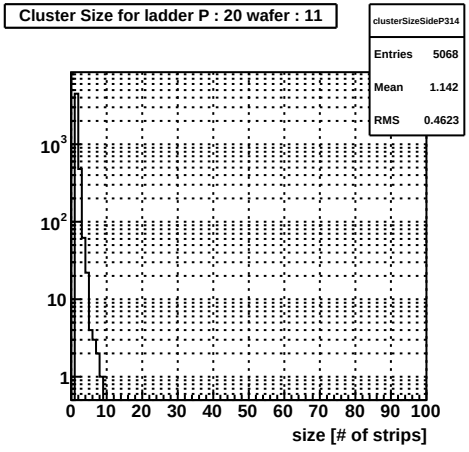

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 22762
Mean 1.1
RMS 0.3461
size [# of strips]

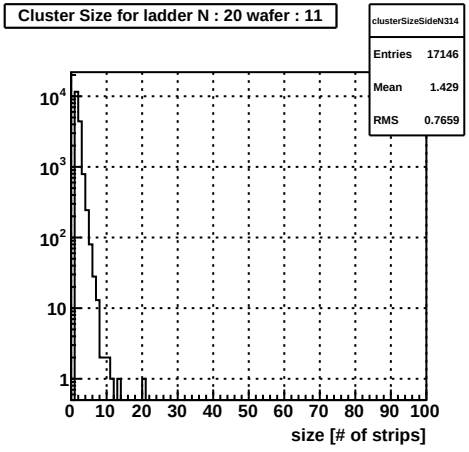

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 25759
Mean 1.348
RMS 0.6933
size [# of strips]

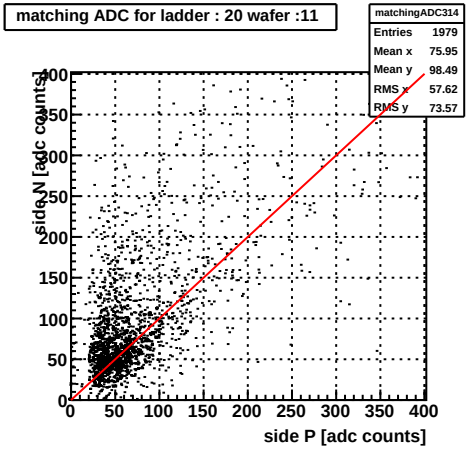

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4034
Mean x 51.97
Mean y 73.28
RMS x 44.37
RMS y 61.58
side N [adc counts]
side P [adc counts]

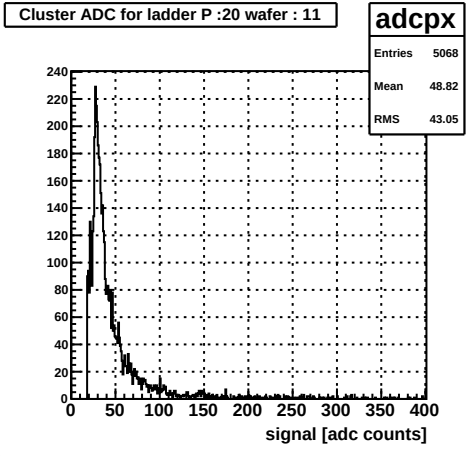

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 22762
Mean 32.21
RMS 24.8
signal [adc counts]

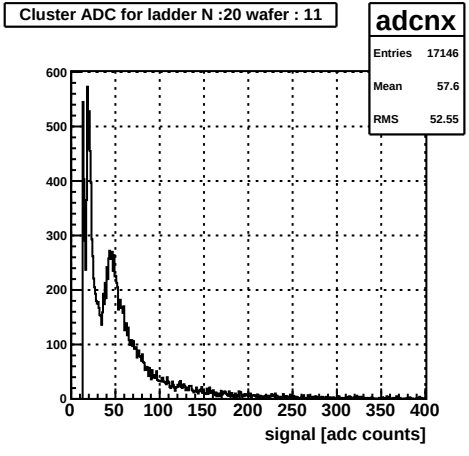

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 25759
Mean 47.16
RMS 48.21
signal [adc counts]

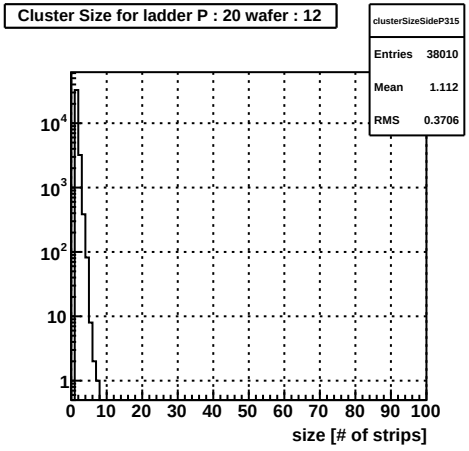

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5068
Mean 1.142
RMS 0.4623
size [# of strips]

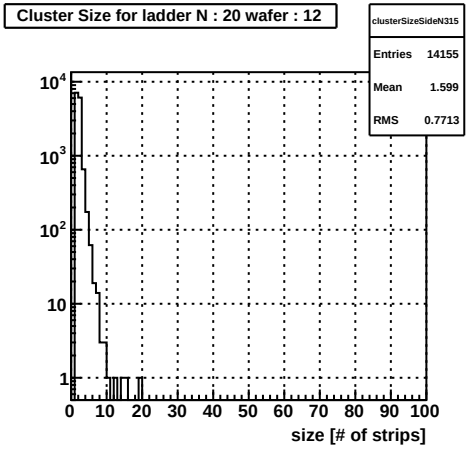

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 17146
Mean 1.429
RMS 0.7659
size [# of strips]

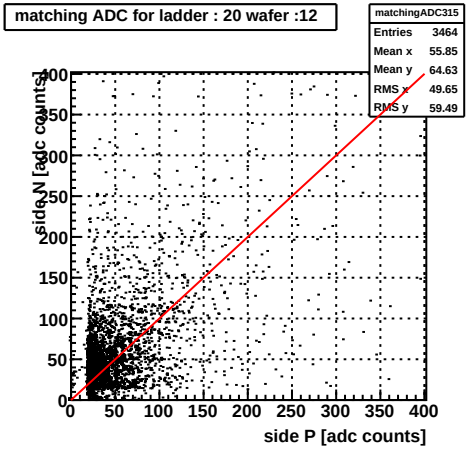

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1979
Mean x 75.95
Mean y 98.49
RMS x 57.62
RMS y 73.57
side N [adc counts]
side P [adc counts]

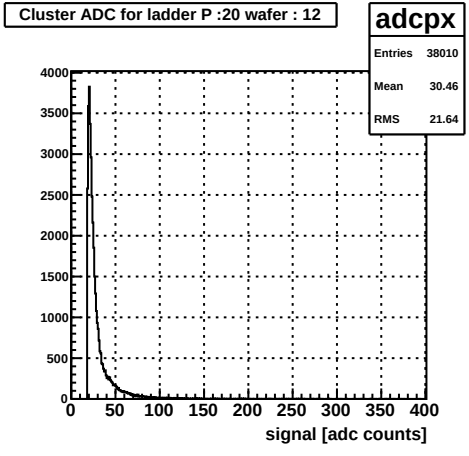

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5068
Mean 48.82
RMS 43.05
signal [adc counts]

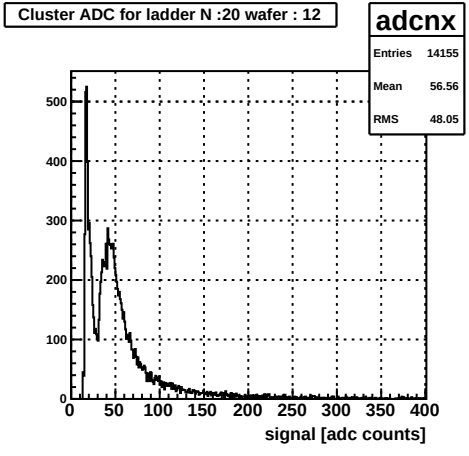

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 17146
Mean 57.6
RMS 52.55
signal [adc counts]

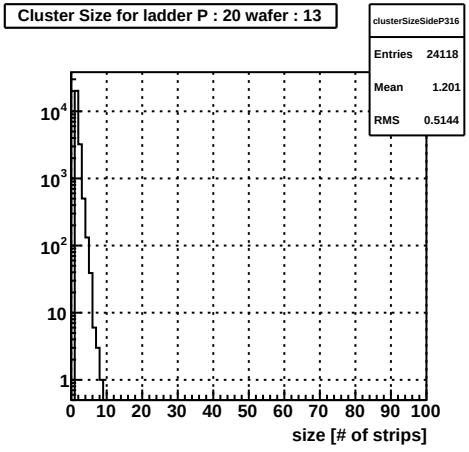

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 38010
Mean 1.112
RMS 0.3706
size [# of strips]

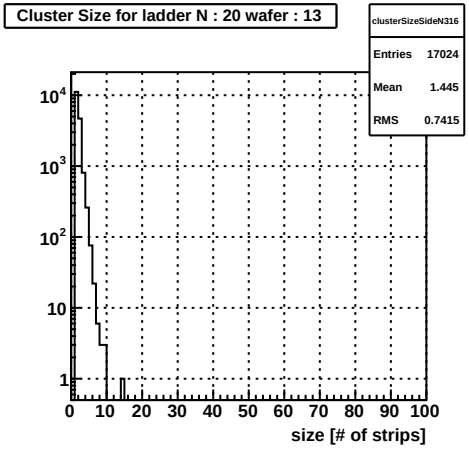

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 14155
Mean 1.599
RMS 0.7713
size [# of strips]

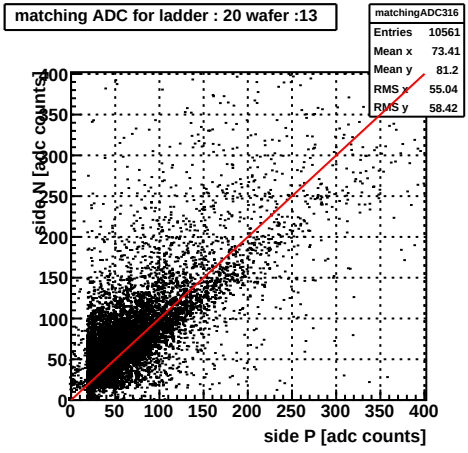

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3464
Mean x 55.85
Mean y 64.63
RMS x 49.65
RMS y 59.49
side N [adc counts]
side P [adc counts]

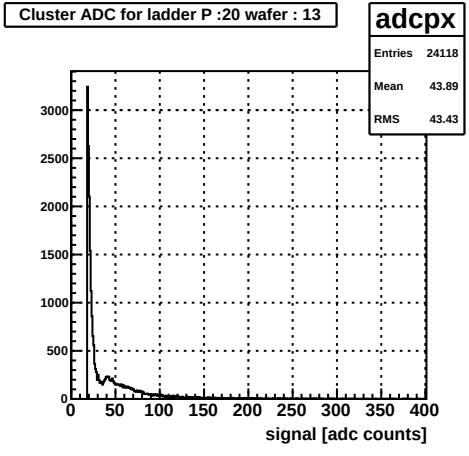

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 38010
Mean 30.46
RMS 21.64
signal [adc counts]

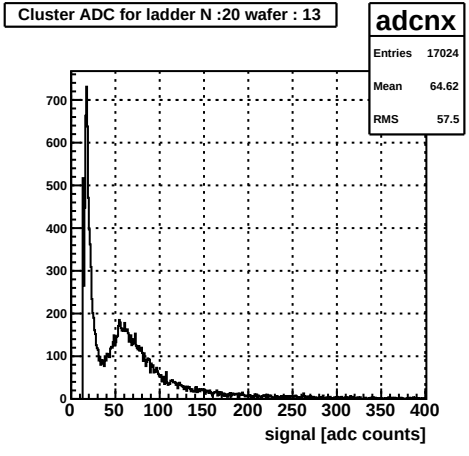

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 14155
Mean 56.56
RMS 48.05
signal [adc counts]

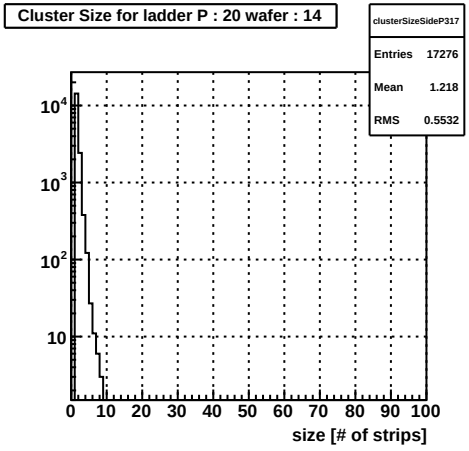

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 24118
Mean 1.201
RMS 0.5144
size [# of strips]

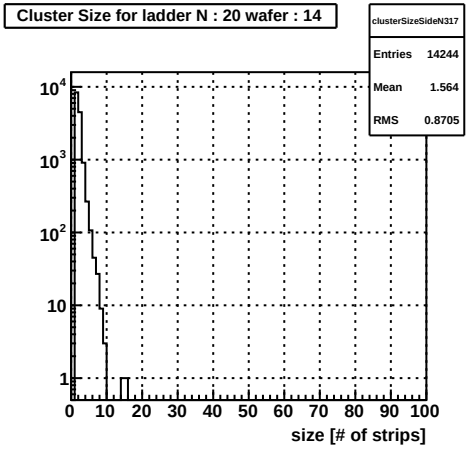

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 17024
Mean 1.445
RMS 0.7415
size [# of strips]

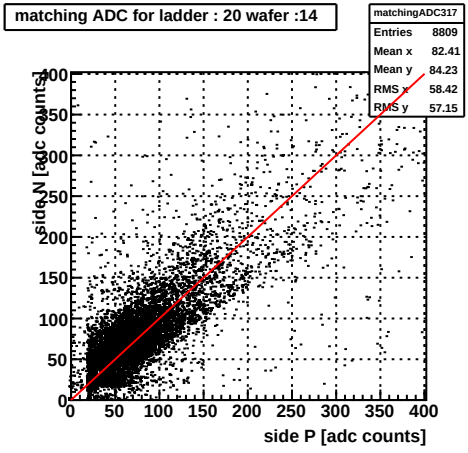

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 10561
Mean x 73.41
Mean y 81.2
RMS x 55.04
RMS y 58.42
side N [adc counts]
side P [adc counts]

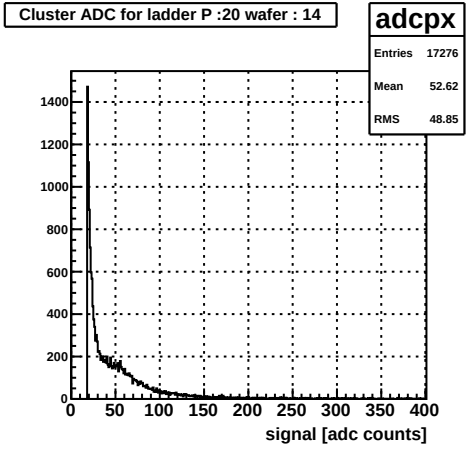

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 24118
Mean 43.89
RMS 43.43
signal [adc counts]

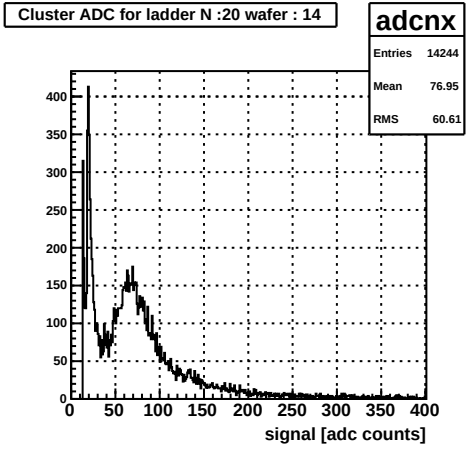

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 17024
Mean 64.62
RMS 57.5
signal [adc counts]

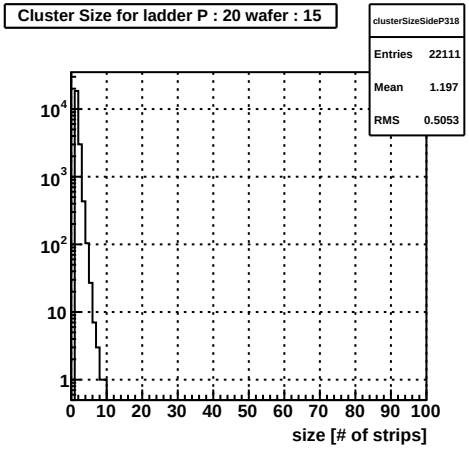

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 17276
Mean 1.218
RMS 0.5532
size [# of strips]

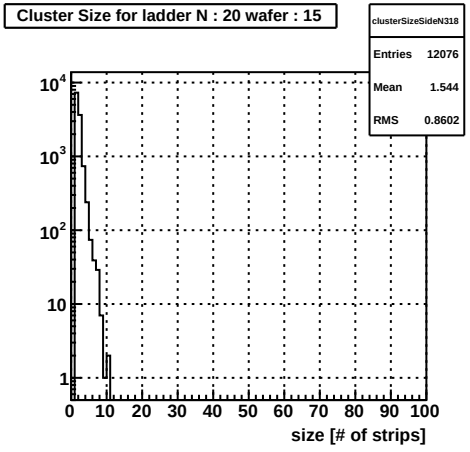

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 14244
Mean 1.564
RMS 0.8705
size [# of strips]

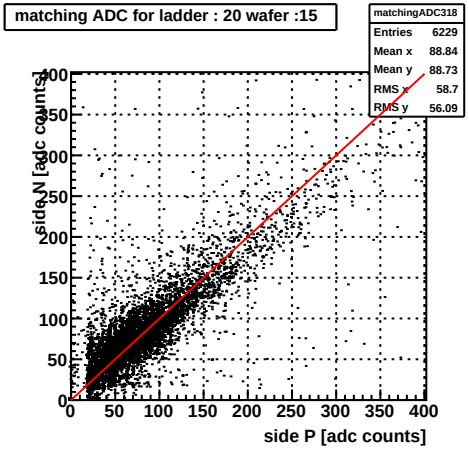

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 8809
Mean x 82.41
Mean y 84.23
RMS x 58.42
RMS y 57.15
side N [adc counts]
side P [adc counts]

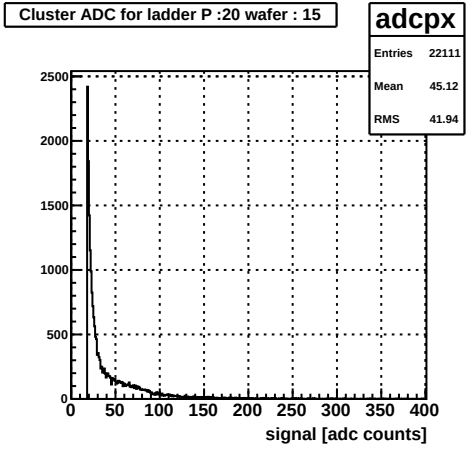

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 17276
Mean 52.62
RMS 48.85
signal [adc counts]

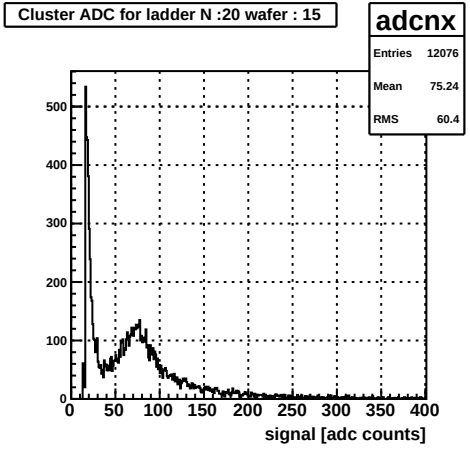

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 14244
Mean 76.95
RMS 60.61
signal [adc counts]

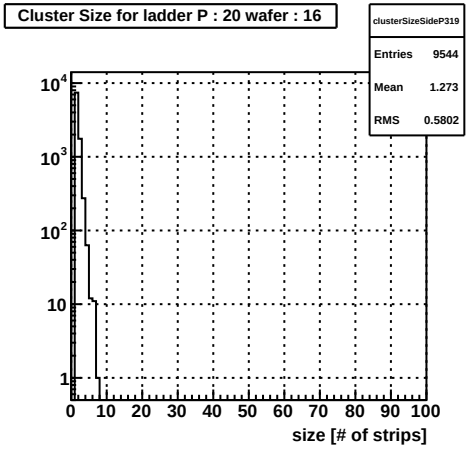

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 22111
Mean 1.197
RMS 0.5053
size [# of strips]

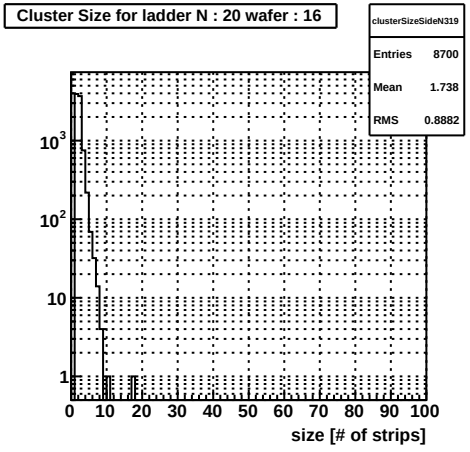

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 12076
Mean 1.544
RMS 0.8602
size [# of strips]

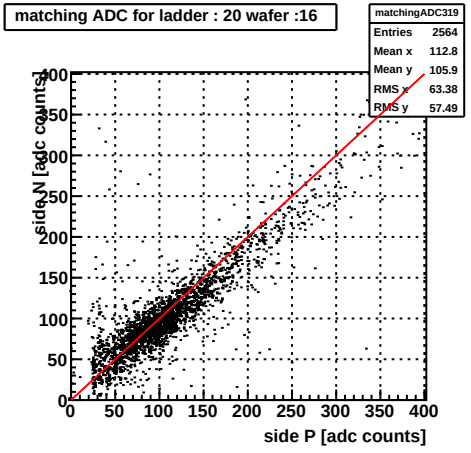

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 6229
Mean x 88.84
Mean y 88.73
RMS x 58.7
RMS y 56.09
side N [adc counts]
side P [adc counts]

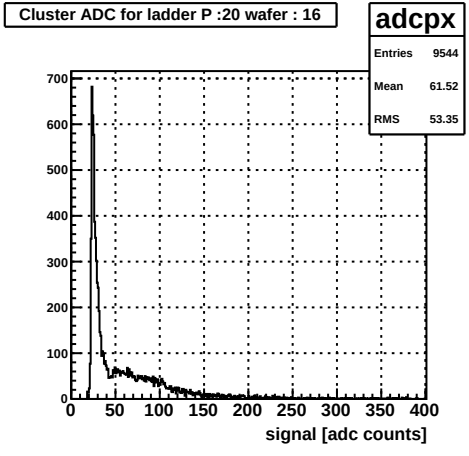

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 22111
Mean 45.12
RMS 41.94
signal [adc counts]

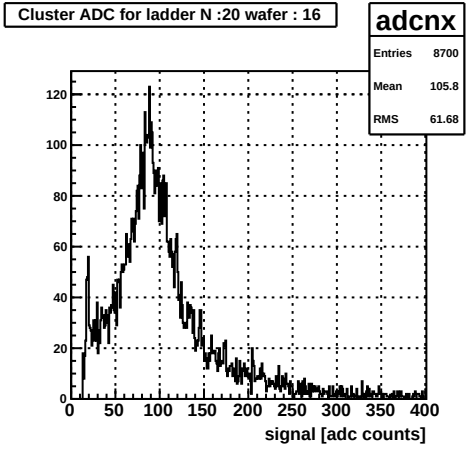

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 12076
Mean 75.24
RMS 60.4
signal [adc counts]

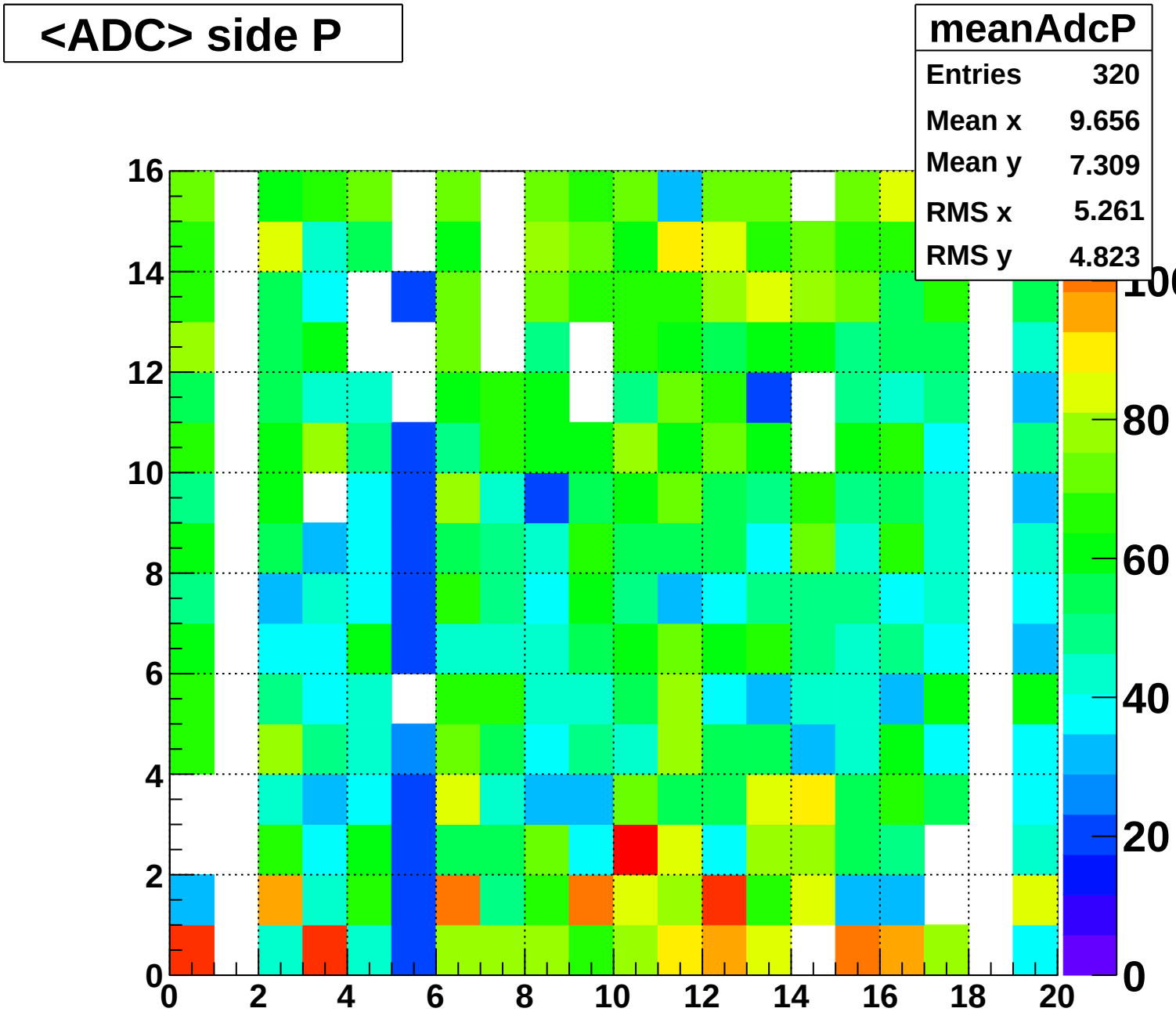

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9544
Mean 1.273
RMS 0.5802
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 8700
Mean 1.738
RMS 0.8882
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2564
Mean x 112.8
Mean y 105.9
RMS x 63.38
RMS y 57.49
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9544
Mean 61.52
RMS 53.35
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 8700
Mean 105.8
RMS 61.68
signal [adc counts]



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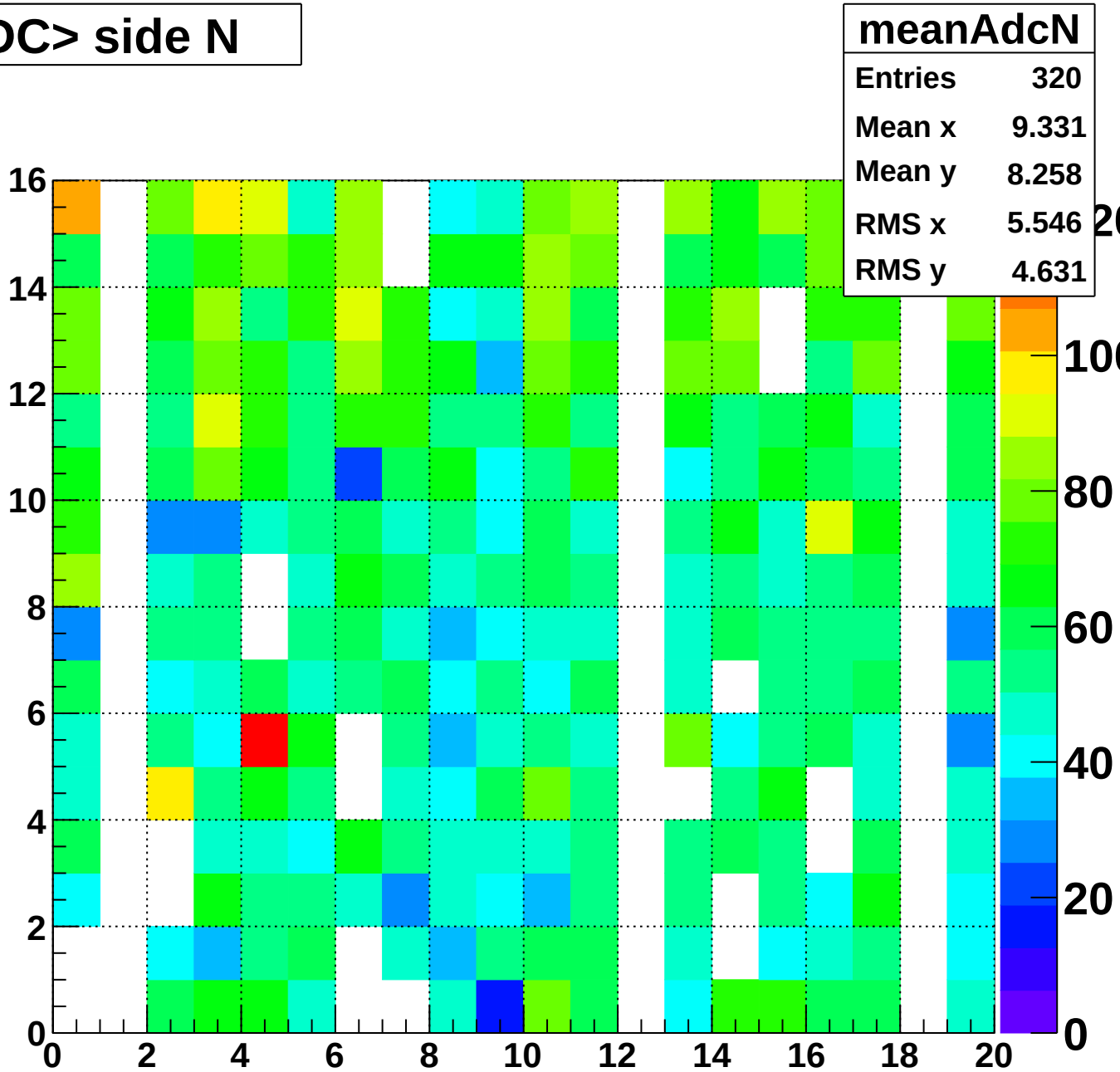
<ADC> side N



2016-06-21 16:18:02